

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLAUTM000635068538	040000635068538			2017	Kerrigan	PerfectAik	H1F	H2N	H3F	H4F	H5N	CDF	ZAR Wien	CD Gentest
01	HOL840M003131618031	840003131618031	A-Team	508611	2017	Modesty	Damaris	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000418232477	528000418232477	ALH Duke	634394	2005	O-Man	Durham	H1N	H2N	H3P	H4N	H5N	CDN	Goepel	
02	HOLDEUM000114491902	276000114491902	Aback	597175	2004	Avanti	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000578664740	276000578664740	Abadan	915303	2000	Abruzzi RF	Rudi	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114196517	276000114196517	Abbild	565934	2003	Affinity	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000767666097	276000767666097	Abelius	810746	1999	Apoll	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLLUXM000498938325	442000498938325	Abelius	599479	2010	Audacity	Malvoy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358774535	276000358774535	Aberdeen	572942	2016	Araxis	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000358665687	276000358665687	Abi Red PP	833174	2016	Apoll P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLCANM000006038659	276000101790360	Ablaze	592209	1994	Leader	Rooster Re	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000061763645	840000061763645	Able	505595	2004	Finley	Emory	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000661703833	276000661703833	Ablero	922072	2001	Ablaze	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345838589	276000345838589	Abraxas	460469	2001	Aaron	Dombinator	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM949241229927	826949241229927	Absalom	823013	2011	Dover	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000343613362	276000343613362	Absatz	456502	1998	Amaretto	Mascot	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000930360834	528000930360834	Abtshoeve	335356	2012	Hunter	Gofast	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000114255801	276000114255801	Abydos	597180	2004	Avanti	Ranger Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000120551128	276000120551128	Acadian	588015	2012	Amor Red	Shaquille	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345451224	276000345451224	Acamar	821283	2001	Aero Bond	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000353599430	276000353599430	Acanto	332954	2010	Alexander	Shuttle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536817555	276000536817555	Acapulco	475291	2011	Atwood	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000870631221	528000870631221	Account	917472	2012	Acdc	Canvas	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000062897556	840000062897556	Ace	505941	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000356331121	276000356331121	Acer Red	477856	2013	Alchemy	Super	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLNLDM000496659320	528000496659320	Acer	832218	2008	Advent-Red	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000285495614	528000285495614	Achat	821184	2000	Addison	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001301857222	276001301857222	Achaz	802557	2002	Aero Bond	Cubby	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000767658154	276000767658154	Achilles	810789	2000	Aaron	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000110897302	276000110897302	Achtung	593338	1996	Adonis	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM001404626036	276001404626036	Ackley Red	832839	2013	Acme RF	Observer	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000061720218	840000061720218	Acme RF	468122	2005	Talent2	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001502223619	276001502223619	Acolito	821150	1999	Aeroline	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001021009020	276001021009020	Aconit	393731	1991	Aerostar	Neil	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345391168	276000345391168	Acord	821189	2000	Addison	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000139230556	840000139230556	Acquire	917173	2008	Redwood-ET	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM00002189433	84000002189433	Acres	504126	1992	Leadman	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000663265485	276000663265485	Acrobat	923183	2008	Advent-Red	September	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000579153649	276000579153649	Actebis	916837	2003	Achtung	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000671000936	528000671000936	Action	917543	2014	Aikman	Glorious	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLITAM006920009167	380006920009167	Active	505480	2002	Boss Iron	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360044869	276000360044869	Actros	572985	2017	All In	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000578964075	276000578964075	Adagio	810805	2000	Addison	Tornedo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLITAM004000109479	380004000109479	Adagio	631970	2000	Aaron	Patron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000811665594	276000811665594	Adal	761872	2000	Addison	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000069468854	840000069468854	Adalard	506565	2010	Bowser	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLDEUM001401465480	276001401465480	Adamit	831046	2000	Addison	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001402123288	276001402123288	Adamo	831457	2003	Adam Red	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116028037	276000116028037	Adanto	568517	2007	Airraid	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLUSAM000132672412	840000132672412	Adanto	916328	2002	Adam Red	Commotion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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01	HOLITAM017500281873	380017500281873	Adat	671920	2003	Adam II	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000278784543	528000278784543	Addi	840517	2000	Addison	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000114015799	276000114015799	Addikt	566601	2004	Affinity	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000767764441	276000767764441	Addition	669761	2000	Addison	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000254895	208005108302177	Adebajor	822485	2011	Atwood	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579172684	276000579172684	Adelaide	670123	2000	Addison	Emery	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000357479497	276000357479497	Adello	811530	2014	Anton	Mayfield	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLNLDM000524066780	528000524066780	Adelon	832318	2008	Advent-Red	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111461007	276000111461007	Adema	563013	1997	Amaretto	Eldon	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000121365583	276000121365583	Aden	823115	2014	Aikman	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000578914032	276000578914032	Adenauer	669752	2000	Addison	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578492780	276000578492780	Adiamo RF	669491	2000	Addison	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000060700479	84000060700479	Adidas	505525	2002	Magna	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000347342883	276000347342883	Adieu	926216	2001	Ablaze	Blackredrf	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000364331853	528000364331853	Adilo	633344	2003	Adam II	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000326590005	528000326590005	Adjutant	670062	2000	Addison	Russel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000533172727	276000533172727	Adlack	840494	1999	Addison	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000953362793	276000953362793	Adler PP	833312	2018	Adagio	Icône	H1F	H2N	H3F	H4F	H5P	CDF	MAR	CD Gentest
02	HOLDEUM000663253556	276000663253556	Adlerblick	471432	2008	Advent-Red	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360175103	276000360175103	Adlon P	265390	2017	Adagio	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000667098864	276000667098864	Adlon PP	768501	2017	Adagio	Ocean-PP	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000289345229	528000289345229	Admin	669703	2000	Addison	Magley	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000062282260	84000062282260	Admiral	505754	2004	Freelanze	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000122828454	276000122828454	Admiro PP	833290	2017	Adagio	Dolph	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000138655932	840000138655932	Adonis	506031	2007	Goldwin	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLUSAM000071588826	840000071588826	Adonis RDC	507047	2012	Alchemy	Pembroke	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000342409202	276000342409202	Adorno	456506	1998	Amaretto	Tonic	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000346122716	276000346122716	Adrenalin	460634	2001	Addias	Charles ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134275170	840000134275170	Adrenaline	505513	2003	Stormatic	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000344286764	276000344286764	Adrett	821190	2000	Aaron	Aerostar	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLAUTM000994297942	040000994297942	Adrian	794270	2001	Aaron	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLFRAM0005703257237	250005703257237	Adrian	831006	2000	Addison	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021097186	276001021097186	Adrian ET	393057	1991	Aerostar	Secret	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000816903339	276000816903339	Adrian PP	768605	2017	Adagio	Eraser P	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000578615616	276000578615616	Adriano	810707	1999	Axel	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000879261344	528000879261344	Adrien Red	832615	2012	Acme RF	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134318817	840000134318817	Advantage	505514	2003	Outside	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538269228	276000538269228	Adventure	681127	2014	Anton	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001300945278	276001300945278	Adventure	801758	2000	Addison	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000667098856	276000667098856	Advokat PP	619177	2017	Adagio	Ocean-PP	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000347640437	276000347640437	Aermes	762623	2002	Aerowood	James	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLBELM092700195013	056092700195013	Aerness ET	323132	1992	Aerostar	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012065765	276001012065765	Aero	132238	1991	Aerostar	Chairman	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344180311	276000344180311	Aeroboy	458371	1999	Aeroline	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579651241	276000579651241	Aeroman	840633	2002	Aerowood	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000344140793	276000344140793	Aerospace	458366	1999	Aeroline	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000660746680	276000660746680	Aerotop	630958	1998	Aeroline	Luke	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001015160015	276001015160015	Affekt	800134	1992	Aerostar	Levi	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM098990023159	380098990023159	Affron	763159	2003	Affinity	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001020987777	276001020987777	Afghane	393262	1991	Aerostar	Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

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01	HOLFRAM003567421563	250003567421563	Afortin	505845	2005	O-Man	Hershel	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000114573695	276000114573695	Afrika	597166	2004	Avanti	Red Star	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355697697	276000355697697	Afrikuus RF	570438	2012	Alchemy	Manifold	H1N	H2N	H3P	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM001021067504	276001021067504	Aga Kahn	394094	1991	Aerostar	Spirit	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000257882	208003372306604	Agadir	151599	2014	Anton	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349296997	276000349296997	Agassi	831533	2003	Affinity	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000017157844	840000017157844	Agent	297416	1996	Poll. Plus	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348164418	276000348164418	Agilano	464459	2004	Affinity	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662707688	276000662707688	Agus	804053	2006	Augustine	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535256674	276000535256674	Aguti	832297	2008	Advent-Red	Redman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112187143	276000112187143	Ahlbeck	594999	1999	Abruzzi RF	Jurist	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343064967	276000343064967	Ahorn	668864	1998	Bonus	Benefit ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001012062795	276001012062795	Ahorn	810061	1991	Aerostar	Sebastian	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM001503823537	276001503823537	Ahorn	823062	2012	Admiral	Cassano	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000537363876	276000537363876	Aick	767050	2013	Antares	Cricket	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000815776106	276000815776106	Aickburn	997200	2013	Aikman	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLNLDM000589637349	528000589637349	Aiki P Red	587512	2016	Apoll P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM001404760590	276001404760590	Aiko Red P	833007	2013	Aikman	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLITAM019991002563	380019991002563	Aikos	151516	2012	O Style	Ramos	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000348099287	276000348099287	Ailton	143341	2004	Affinity	Zack	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000244370	208004199600978	Ailton	326980	2000	Addison	Labelle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000009608034	124000009608034	Air Force	507252	2012	Fernand	Observer	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000538155651	276000538155651	Air RDC	680958	2013	Aikman	Krusader	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000920744143	528000920744143	Air-Red	263606	2014	Aikman	Savage	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000116028038	276000116028038	Airborne	832247	2007	Airraid	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347394622	276000347394622	Aircraft	327173	2001	Aero Bond	Winchester	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLFRAM002921633162	250002921633162	Airport	676652	2008	Airraid	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLFRAM002236353188	250002236353188	Airway	676653	2008	Airraid	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM00070611185	840000070611185	Airy-P-Red	298158	2012	Colt-P	Pembroke	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000343546202	276000343546202	Ajax	458364	1999	Aeroline	Broker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021140845	276001021140845	Ajux	394639	1992	Aerostar	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015233090	276001015233090	Akado RF	810156	1992	Aerostar	Orkan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000114573696	276000114573696	Akantus	597167	2004	Avanti	Red Star	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000816436045	276000816436045	Akello	997440	2016	Akyol Red	Fageno	H1F	H2N	H3F	H4C	H5N	CDF	RBW	CD Gentest
02	HOLDEUM00066903832	27600066903832	Akim	792900	2016	Akyol Red	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
02	HOLDEUM000359093410	276000359093410	Akiro-Red	264840	2016	Akyol Red	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000345085334	276000345085334	Akonnor	821171	2000	Aaron	Cash	H1P	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000115305516	276000115305516	Akranym	597723	2006	Avanti	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343590954	276000343590954	Akrobat	456505	1998	Amaretto	Prelude	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000538496708	276000538496708	Akteur	917550	2014	Aikman	Larson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538441362	276000538441362	Akurat RDC	681130	2014	Anton	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000447504413	528000447504413	Al Gore	635202	2006	Goldwin	Aaron	H1P	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000358774500	276000358774500	Alabama	572945	2016	All In	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLGBRM000000662804	826727942400153	Alabama	832866	2013	Snowmaster	Observer	H1N	H2N	H3P	H4N	H5P	CDN	MAR	
01	HOLDEUM000769473679	276000769473679	Alabaster	678704	2011	Altalota	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000121240890	276000121240890	Aladan	833055	2014	Alpine	Sanchez	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000723070029	528000723070029	Alados	474151	2010	Alexander	Damion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402834200	276001402834200	Alain	831985	2006	Alves	Manat	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000343641570	276000343641570	Alamo	457644	1998	Academy	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000639869605	528000639869605	Alamo	264440	2015	AltaSpring	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000345391158	276000345391158	Alamos	631859	2000	Aaron	Tesk	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001020946992	276001020946992	Aland	810062	1991	Aerostar	Train	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000765957182	528000765957182	Alandro	917454	2012	Alchemy	Cricket	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001402779204	276001402779204	Alanzo	831971	2006	Allen	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000537502292	276000537502292	Alaska	917509	2012	Alchemy	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001021006561	276001021006561	Alaska ET	392971	1991	Aerostar	Anker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357565192	276000357565192	Alban	263615	2014	Album	Beau	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001402684720	276001402684720	Alban	831868	2005	Allen	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000666321948	276000666321948	Albano	924715	2012	Alchemy	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
02	HOLCANM000102528118	124000102528118	Albany	916945	2004	Jordan-Red	Storm	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537387580	276000537387580	Albaran	917455	2012	Almondo RF	Short Cut	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLNLDM000592179551	528000592179551	Albaro	477780	2012	Alchemy	Pronto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538356997	276000538356997	Albatros	681132	2014	Album	Snowflake	H1P	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLFRAM004241318275	250004241318275	Albatros	923055	2007	Advent-Red	September	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000248743684	528000248743684	Albedo	564090	2000	Aaron	Bell Elton	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579017294	276000579017294	Albert	810813	2000	Aaron	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001012111787	276001012111787	Albert	134433	1994	Aerostar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000357795159	276000357795159	Albjen	833030	2014	Album	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250117	208003372303084	Alborn	831968	2006	Allen	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002215667194	250002215667194	Alcapone	619030	2011	Altalota	Planet	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000428213451	528000428213451	Aldan	831840	2005	Alves	Aaron	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000359223644	276000359223644	Alderan	833205	2016	Afterburne	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000421876372	528000421876372	Alderos	831816	2005	Alves	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000356264988	276000356264988	Aldon Red	477776	2013	Alchemy	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
02	HOLDEUM000114529957	276000114529957	Aldono	597174	2004	Avanti	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000133553374	840000133553374	Alert II	505467	2002	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000605622199	528000605622199	Alex	149968	2010	Alexander	Mac	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000137075087	840000137075087	Alex	505896	2005	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000061327005	840000061327005	Alexander	297841	2004	Persia-Red	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000708611687	528000708611687	Alexandro	570410	2011	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000351599025	276000351599025	Alexis	260055	2008	Alino	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
02	HOLDEUM000666299797	276000666299797	Alexo Red	997930	2013	Alchemy	Alexander	H1N	H2N	H3N	H4N	H5N	CDC	RBW	CD Gentest
01	HOLDEUM000354524670	276000354524670	Alfaster	474983	2011	AltaEsquir	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001262269572	276001262269572	Alfred	815800	2004	Marino	Relachs	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000881398762	528000881398762	Algo	151538	2012	Alchemy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	VOST	CD Gentest
01	HOLDEUM000579518625	276000579518625	Algol	810957	2003	Allen	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000356384295	276000356384295	Ali Red	477853	2013	Alchemy	Diplomat	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000348284054	276000348284054	Alias	464522	2004	Affinity	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000685695359	528000685695359	Alibi	156597	2017	AlfaAmulet	Racer	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001404867260	276001404867260	Alicante	823147	2014	Album	Genesis	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLCANM000103273244	124000103273244	Alicio	917046	2005	Marmax RF	Tribute	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402451955	276001402451955	Alido	831771	2004	Alert II	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000136921787	840000136921787	Alien	673865	2005	Allegro 2	Capri	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000897794091	528000897794091	Aliman	822422	2010	Alino	O-Man	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLDEUM000812789573	276000812789573	Alip	996170	2004	Avanti	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000343663595	528000343663595	Alister	831430	2003	Allen	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000248743653	528000248743653	Aliza	631933	2000	Aaron	Bell Elton	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000538569387	528000538569387	Aljoscha	473465	2009	Alexander	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM001402676669	276001402676669	Alkan	831821	2005	Alves	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000527992659	528000527992659	Alkano	473397	2009	Alino	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM00000250119	208005126001391	Alkmar	831986	2006	Alves	Cash	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000535413276	528000535413276	Alkony	832476	2009	Alexander	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001304980003	276001304980003	All In	571886	2014	Alright	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000580419092	276000580419092	Allaaf	674861	2006	Leif	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580120289	276000580120289	Allaun	673092	2004	Laudan	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812180192	276000812180192	Allegro MR	831360	2002	Allen	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538544754	276000538544754	Allerbest	833045	2014	Alpine	Sudan	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLITAM019500315866	380019500315866	Alliance	142272	2002	Allen	Lee	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000133507261	840000133507261	Alliancell	505478	2002	Gibson	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535249449	276000535249449	Allinghi	676651	2008	Stol Joc	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000578941319	276000578941319	Allino	669900	2000	Mtoto	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579668110	276000579668110	Allkasso	671146	2002	Lukas	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349789703	276000349789703	Allmac	673634	2005	Laudan	Design	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000666299751	276000666299751	Allright	924721	2013	Alchemy	Alexander	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000769880339	276000769880339	Allround	680111	2012	Alpha	Radon	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
02	HOLDEUM000666299785	276000666299785	Allstar	924718	2013	Alchemy	Alexander	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000536124841	276000536124841	Alltanno	677199	2009	Moscow	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000062509259	840000062509259	Allthea	673867	2005	Laudan	Charm	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000359113636	276000359113636	Alltours	796900	2016	All In	Molotov	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000345282783	276000345282783	Alltus	669832	2000	Luna	Odin ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402779622	276001402779622	Almak	832006	2006	Alves	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000652846	826370637700470	Almando	475771	2011	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402705142	276001402705142	Almani	831834	2005	Alves	Manat	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254109	208002371402138	Almanso	474050	2010	Alexander	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249797	208004199601184	Almanson	831928	2005	Alves	Manat	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001402660228	276001402660228	Almir	831696	2005	Alliancell	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000358389043	276000358389043	Almo Red P	833173	2015	Apoli P	Tabit	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000536615399	276000536615399	Almondo RF	678169	2010	Alando Red	Bolton	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000122523801	276000122523801	Aloha P	833224	2016	All In	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000356706949	276000356706949	Alonso	263757	2014	Alpine	Epic	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000536119190	276000536119190	Alonso	677665	2010	Alexander	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 97% Traegerwahrscheinlichkeit
02	HOLNLDM000881059016	528000881059016	Alonso Red	832626	2012	Amor Red	Destry	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000949532651	276000949532651	Alosty	796320	2014	Alpine	O Style	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM001402860155	276001402860155	Alpas	831964	2006	Alves	Pretin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769527623	276000769527623	Alpha	677909	2010	Alexander	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000348438655	276000348438655	Alpinist	831838	2005	Alliancell	Progress	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000540116273	276000540116273	Already	685578	2017	All-Star	Battlecry	H1F	H2N	H3F	H4F	H5P	CDF	RUW	CD Gentest
01	HOLDEUM001402676640	276001402676640	Alson	831737	2005	Alves	Derry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357747033	276000357747033	Altai	264111	2015	Alta1 Stcla	Epic	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLUSAM000062188603	840000062188603	Altarboy	505890	2005	Shottle	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000062897585	840000062897585	Alternate	506076	2006	Elegant	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402499346	276001402499346	Altig	831782	2005	Alliancell	Tunis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021062803	276001021062803	Altmann	394111	1991	Aerostar	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001304725684	276001304725684	Altona	823134	2014	Album	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001500157241	2760001500157241	Altoro	831780	2005	Alliancell	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249777	208003001001525	Alund	831875	2005	Alves	Lambada	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001266866199	276001266866199	Alvador	811434	2011	Atwood	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000533904589	276000533904589	Alvano	633097	2003	Allen	Valvano ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000536867313	276000536867313	Alvares	811397	2010	Atwood	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000535518040	276000535518040	Alvaro	260446	2008	Alino	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000255206543	528000255206543	Alves	830837	1999	Amel	Cmv Mica	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000277051770	528000277051770	Always	564085	2000	Aaron	Esquimau	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021200466	276001021200466	Amadeus	393112	1992	Aerostar	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001600223847	276001600223847	Amadeus	840376	1997	Amaretto	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001013377314	276001013377314	Amadeus II	800187	1993	Ambition	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000360239922	276000360239922	AmadeusRed	499097	2017	Hypnotic	Kingboy	H1N	H2N	H3N	H4N	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000341987308	276000341987308	Amadin	821010	1997	Amaretto	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344870374	276000344870374	Amado	821188	2000	Aaron	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000291671198	528000291671198	Amador	840503	2000	Aaron	Esquimau	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000494638327	528000494638327	Amadore	832309	2008	Amateur	Boss II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351006468	276000351006468	Amalon	840908	2007	Amador	Ramos	H1P	H2N	H3P	H4N	H5N	CDN	LTR	
02	HOLDEUM000353350482	276000353350482	Amando-Red	260878	2009	America	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000259875107	528000259875107	Amaral	830844	1999	Amaral	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001013340602	276001013340602	Amaretto	217145	1991	Aerostar	Ned Boy	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000359235308	276000359235308	Amarok	833194	2016	Araxis	Montross	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000578130290	276000578130290	Amaros	668335	1998	Amaretto	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000764662656	276000764662656	Amateur	562618	1997	Amaretto	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021043783	276001021043783	Amato ET	393270	1991	Aerostar	Anker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356607584	276000356607584	Amaz RDC	833018	2014	Aikman	Pioneer	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000062494313	840000062494313	Amaze	505782	2004	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348282325	276000348282325	Amazon	464462	2004	Affinity	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM961000391972	826961000391972	Amazon MR	475212	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000255333	208002371402348	Amberg	570424	2011	Atwood	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLFRAM005454664117	250005454664117	Ambes	505848	2005	Freelanze	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350131412	276000350131412	Ambrosio	466822	2006	Augustine	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601144673	276001601144673	Amedo ET	840520	2000	Amel	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000239128548	528000239128548	Ameland	669223	1999	Amel	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001600790176	276001600790176	Amelio ET	840441	1999	Amel	Leadman	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLDEUM001602377249	276001602377249	Amelius	840879	2007	Amedo ET	Jockel ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600895056	276001600895056	AmelsohnET	840487	1999	Amel	Leader	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000259740812	528000259740812	Ameran	669383	1999	Amel	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001600776695	276001600776695	Amerang ET	840447	1999	Amel	Target	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLUSAM000060537922	84000060537922	American	297798	2003	Colby-Red	Shandy RC	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000251129	208008155701109	Amgart	840883	2007	Amador	Garter	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLAUTM000579444718	040000579444718	Amigo	508847	2010	Ashlar	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM001015207882	276001015207882	Amigo	250435	1991	Aerostar	Rotate	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM001603441927	276001603441927	Amigo	846251	2014	Aikman	Supersonic	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
02	HOLUSAM000133898208	840000133898208	Ammo Red	297744	2003	Paradox	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000527664556	528000527664556	Amonit	332727	2009	Ashlar	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358476898	276000358476898	Amor P	499060	2016	Apoll P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
02	HOLNLDM000527309859	528000527309859	Amor Red	473942	2010	Lawn Boy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLUSAM000071585394	840000071585394	Amore	679111	2012	Gold Chip	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000122787911	276000122787911	Amoroso	573651	2017	Adagio	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001015211912	276001015211912	Amos	250430	1991	Aerostar	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000535241273	528000535241273	Amos	149949	2010	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000578691505	276000578691505	Ampex	669088	1999	Amel	Liberty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343357411	276000343357411	Amstar	325503	1998	Amaretto	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000770322267	276000770322267	Amstel P	154232	2015	Apoll P	PerfectAik	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000345878307	276000345878307	Analog	459991	2000	Aaron	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538269227	276000538269227	Anamur	681120	2014	Anton	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest

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DEU KB Bullen
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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000357479467	276000357479467	Anando	833054	2014	Anton	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLCANM000108842521	124000108842521	Anarchy	507821	2014	Flame	Supersonic	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000580143932	276000580143932	Anatol	597195	2004	Avanti	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000815990706	276000815990706	Ancut	767505	2014	Anton	McCutchen	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLNLDM000733245598	528000733245598	Andante	917366	2010	Andy	Spencer 2	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000360127756	276000360127756	Andante P	768603	2017	Adagio	President	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000356171560	276000356171560	Anderson	477775	2013	Antares	Bronco	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001015198698	276001015198698	Andoro	810075	1991	Aerostar	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000536835316	276000536835316	Andreas	823006	2011	Altalota	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLNLDM000775244823	528000775244823	Andries	297377	1991	Pigeonwood	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000709809601	528000709809601	Android P	917463	2012	Asterix	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000537785381	276000537785381	Andromeda	680222	2013	Antares	Cricket	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000671889948	528000671889948	Andy-Red	265550	2017	Anreli	Rocky	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000950018428	276000950018428	Angelo	796440	2014	Anton	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLFRAM001451887096	250001451887096	Angelo	505844	2005	O-Man	Marshall	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM001404561415	276001404561415	Angelo Red	833102	2015	Aikman	Jotan	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000135663862	840000135663862	Anglo	505681	2004	O-Man	Aaron	H1P	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLDEUM000112496027	276000112496027	Anlage	564044	1999	Amaretto	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001602510861	276001602510861	Anschütz	840994	2009	Ashlar	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000359172893	276000359172893	Ansgar	499082	2016	Azur	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000532922709	276000532922709	Ansporn	668773	1998	Lasso	Vic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000116463783	276000116463783	Anspruch	568574	2009	Ashlar	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000134413491	840000134413491	Answer P	505544	2003	Morty	Poll. Plus	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000699614476	528000699614476	Antares	678710	2011	Atwood	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000950018425	276000950018425	Antarktisc	796480	2014	Anton	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLDEUM000537712099	276000537712099	Antarktis	680233	2013	Antares	Lonar	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLLUXM000599442978	442000599442978	Antek P	811576	2016	Apoll P	AltaOak	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000355338867	276000355338867	Antimon	334402	2012	Atwood	Encino	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501415875	2760001501415875	Antonio	804343	2013	Antares	Alexander	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001300284421	276001300284421	Anubis	810622	1997	Aeroline	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLITAM017990724023	380017990724023	Anubis	636501	2008	Alino	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345480716	276000345480716	Anwalt	810812	2000	Aaron	Popstar ET	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000070750518	840000070750518	Anwar	823029	2011	Shamrock	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000578726718	276000578726718	Apaluso	669316	1999	Apoll	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578723125	276000578723125	Aparri	669312	1999	Apoll	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000359175977	276000359175977	Apasso	833186	2016	Araxis	Adrian	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000767211326	276000767211326	Aperitif	669457	1999	Apoll	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000122288213	276000122288213	Aperol P	587544	2016	Apoll P	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000538895087	276000538895087	Aperol PP	796790	2016	Apoll P	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
02	HOLDEUM000538957486	276000538957486	Apex P	917565	2015	Apoll P	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLITAM028990170724	380028990170724	Apino	148503	2008	Alliance	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000345183236	276000345183236	Apirin	669195	1999	Apoll	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000358162194	276000358162194	Apo Red PP	833163	2015	Apoll P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001600665785	276001600665785	Apodix	840492	2000	Apoll	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600910763	276001600910763	Apoldo	840491	2000	Apoll	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600660458	276001600660458	Apolino	840484	1999	Apoll	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLNLDM000762042012	528000762042012	Apoll P	924726	2014	Aikman	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLUSAM000138291985	840000138291985	Apollo	505993	2007	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343486968	276000343486968	Apostel	139916	1998	Aeroline	Luke	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLUSAM000060048702	84000060048702	Apostle	297665	2001	Rubens RF	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLLUXM000399257024	442000399257024	App RF	571862	2013	Applejax	Fidelity	H1N	H2N	H3N	H4N	H5N	CDH RSH		CD Gentest
01	HOLNLDM000735245552	528000735245552	Appeal	571908	2015	AltaSpring	Super	H1F	H2N	H3F	H4F	H5N	CDH RSH		CD Gentest
01	HOLDEUM000661213137	276000661213137	Appell	631651	1999	Apoll	Nick	H1N	H2N	H3N	H4N	H5N	CDN ZBH		
01	HOLDEUM001021097874	276001021097874	Apri	820067	1991	Aerostar	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM000578723126	276000578723126	Apurimac	669309	1999	Apoll	Jimtown	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000348934830	276000348934830	Aquarell	468037	2006	Augustine	Pik ET	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000356948487	276000356948487	Aquila	823132	2014	Anton	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDH RA		CD Gentest
01	HOLDEUM000811778397	276000811778397	Arack	761791	2000	Aaron	Black	H1N	H2N	H3N	H4N	H5N	CDN RBW		
01	HOLDEUM000359648044	276000359648044	Aragon	264676	2016	Araxis	Racer	H1F	H2N	H3F	H4F	H5N	CDH OHG		CD Gentest
01	HOLNLDM000535681400	528000535681400	Aragon	678314	2010	Arroyo	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDH RUW		CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001501450006	276001501450006	Araldik	811509	2013	AltaOak	Bogart	H1N	H2N	H3P	H4N	H5N	CDH RBB		CD Gentest
02	HOLDEUM000358098427	276000358098427	Aramis	154210	2015	Armani	Alchemy	H1F	H2N	H3F	H4F	H5N	CDH VOST		CD Gentest
01	HOLDEUM000816597509	276000816597509	Aramis	768302	2016	Araxis	Galaxy	H1F	H2N	H3F	H4F	H5N	CDH RBW		CD Gentest
01	HOLFRAM004437471736	250004437471736	Aramis	802529	2001	Aaron	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDNKM000000254214	208002371402259	Arango	619015	2011	Atwood	Shottle	H1N	H2N	H3P	H4N	H5P	CDH Qnetics		CD Gentest
01	HOLFRAM004241481744	250004241481744	Arango	822392	2009	Alexander	Goldwin	H1N	H2N	H3N	H4N	H5N	CDH RA		CD Gentest
01	HOLDEUM000579187912	276000579187912	Aras	810852	2001	Aaron	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN RBB		
02	HOLDEUM000358192509	276000358192509	Arcardo	997997	2015	ArchiveRed	Alchemy	H1F	H2N	H3F	H4F	H5N	CDH RBW		CD Gentest
02	HOLUSAM000120265778	840000120265778	Archer-Red	297438	1997	Johnson	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLDEUM000359175976	276000359175976	Archibald	833184	2016	Araxis	Adrian	H1F	H2N	H3F	H4F	H5N	CDH MAR		CD Gentest
01	HOLDEUM001401710080	276001401710080	Archie	831163	2001	Archibald	Luke	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000533496155	276000533496155	Archon	670080	2000	Aaron	Manfred-ET	H1P	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLNLDM000254269189	528000254269189	Arco	830973	1999	Amel	Celsius	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM001601143186	2760001601143186	Arco	796850	2016	Araxis	Cashcoin	H1F	H2N	H3F	H4F	H5N	CDH Greifenb		CD Gentest
01	HOLDEUM001502032491	276001502032491	Arek	821160	1999	Aeroline	Astre	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLNLDM000897770471	528000897770471	Arezzo	811331	2009	Active	Shottle	H1N	H2N	H3P	H4N	H5N	CDN RBB		
01	HOLUSAM000053573152	840000053573152	Argo	822270	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM000538441348	276000538441348	Argonaut	823121	2014	Anton	Shamrock	H1N	H2N	H3N	H4N	H5N	CDH RA		CD Gentest
01	HOLDEUM001601143186	276001601143186	Argument	460219	2000	Aaron	Integrity	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM001603409073	276001603409073	Argus	619110	2014	Anton	Bookem	H1N	H2N	H3N	H4N	H5N	CDH Qnetics		CD Gentest
02	HOLNLDM000716349981	528000716349981	Argus P	587510	2015	Apoll P	Fageno	H1F	H2N	H3F	H4F	H5N	CDH RSH		CD Gentest
02	HOLDEUM000122386402	276000122386402	Ariba Red	587520	2016	Akyol Red	Go Now RF	H1F	H2N	H3F	H4F	H5N	CDH RSH		CD Gentest
02	HOLDEUM000538821048	276000538821048	Arie PP	156555	2016	Apoll P	Earnhardt	H1F	H2N	H3F	H4F	H5N	CDH VOST		CD Gentest
01	HOLDEUM001502446799	276001502446799	Aries	821947	2000	Aaron	Manfred-ET	H1P	H2N	H3N	H4N	H5N	CDN ZBH		
01	HOLFRAM002911798898	250002911798898	Arif	821192	2000	Aaron	Labelle	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLNLDM000337142398	528000337142398	Ariko	632765	2002	Manat	Lantz	H1N	H2N	H3N	H4N	H5N	CDN ZBH		
01	HOLDEUM000348662619	276000348662619	Arimir	465450	2004	Affinity	Bildon ET	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLDEUM001404867415	276001404867415	Ariño Red	833134	2015	ArchiveRed	Sympatico	H1F	H2N	H3F	H4F	H5N	CDH MAR		CD Gentest
01	HOLFRAM002215666304	250002215666304	Arion	831018	2000	Aaron	Besne Buck	H1P	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000353355106	276000353355106	Ariondo	332860	2010	Alexander	Shottle	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLNLDM000488914691	528000488914691	Arioso	811194	2007	Artic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN RBB		
01	HOLDEUM000951416557	276000951416557	Aristocats	853057	2016	Apoll P	Balisto	H1F	H2N	H3F	H4F	H5N	CDH BVN		CD Gentest
01	HOLIRLM261006993597	372261006993597	Aristotel	475006	2010	Ashlar	O-Man	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM001021200470	276001021200470	Aristuk	840041	1992	Aerostar	Sheik	H1N	H2N	H3N	H4N	H5N	CDN LTR		
01	HOLDEUM001300333155	276001300333155	Arizona	457656	1998	Amaretto	Raider	H1N	H2N	H3P	H4N	H5N	CDN MAR		
02	HOLDEUM000358346620	276000358346620	Arizona PP	499062	2016	Apoll P	Dellboy P	H1F	H2N	H3F	H4F	H5N	CDH Goepel		CD Gentest
01	HOLNLDM000327426206	528000327426206	Arjan ALL	670278	2000	Emerson	Arjan 95	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000810956061	276000810956061	Arkas	761000	1998	Amaretto	Southwind	H1N	H2N	H3N	H4N	H5N	CDN RBW		
01	HOLDEUM000539283084	276000539283084	Arktis RDC	681828	2016	Araxis	Olympian	H1F	H2N	H3F	H4F	H5N	CDH RUW		CD Gentest
01	HOLDEUM000539283085	276000539283085	Arktos RDC	681829	2016	Araxis	Olympian	H1F	H2N	H3F	H4F	H5N	CDN RUW		

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001021092070	276001021092070	Arlberg	393854	1991	Aerostar	Recker	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001272471908	276001272471908	Armada PP	823183	2016	Apoll P	Chipper	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000344274987	276000344274987	Armagedon	459801	2000	Aaron	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401526619	276001401526619	Armand	831033	2000	Aaron	Tornado	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347213469	276000347213469	Armani	326992	2001	Aaron	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501973437	276001501973437	Armani	823057	2012	Armitage	Super	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLAUTM000110562938	040000110562938	Armstrong	508845	2016	Apoll P	Aftershock	H1F	H2N	H3F	H4F	H5N	CDN	ZAR Wien	
01	HOLDEUM000344997792	276000344997792	Arno	810800	2000	Aaron	Sunshine	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000359079400	276000359079400	Aro Red PP	833187	2016	Apoll P	Chipper	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLITAM017500038204	380017500038204	Aronto	831125	2000	Aaron	Prelude	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601143150	276001601143150	Arosa	631927	2000	Aaron	Integrity	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001400850571	276001400850571	Arpad	830759	1998	Arpagone	Downson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000295588892	528000295588892	Arpad	632053	2000	Aaron	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLIRLM191181720882	372191181720882	Arrow ET	568594	2010	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000102597767	276000102597767	Arsenal	800197	1993	Aerostar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM004000109488	380004000109488	Arsenal	831020	2000	Aaron	Patron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401577696	276001401577696	Arslan	831119	2000	Arpagone	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533385836	276000533385836	Arte	669915	2000	Aaron	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000666459348	276000666459348	Artego Red	924000	2014	Aikman	Montana r	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000351006462	276000351006462	Arthos	148000	2007	Artic	Ramos	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM001401276701	276001401276701	Arthus	830747	1998	Aeroline	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533101660	276000533101660	Artikel	669205	1999	Arpagone	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000357048725	276000357048725	Artist	571880	2014	Anton	Gold Chip	H1F	H2P	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001601171501	276001601171501	Artus	810825	2000	Addison	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000122523816	276000122523816	Aruba	572946	2016	All In	Smurf	H1F	H2N	H3C	H4F	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000447955611	528000447955611	Aruba	145586	2007	Airraid	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579542573	276000579542573	Asall	672923	2004	Jocko Besn	Mtoto	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLNLDM000692374294	528000692374294	Asap P	917412	2011	Asterix	Manitas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351006448	276000351006448	Ascalon	331253	2007	Artic	Ramos	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000352926091	276000352926091	Ascari	260955	2009	Ashlar	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000578134169	276000578134169	Ascari	801083	1998	Amaretto	Leadman	H1N	H2N	H3P	H4N	H5N	CDN	RA	
02	HOLDEUM000347440972	276000347440972	Ascoli	926237	2002	Agent	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000352988282	276000352988282	Ascot	261100	2009	Ashlar	Billion 3	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000524169483	528000524169483	Ascot RF	677316	2009	Ashlar	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005703563774	250005703563774	Aseptic	505846	2005	O-Man	Lheros	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000353599712	276000353599712	Ashlo	822448	2010	Ashlar	Billion 3	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000475750330	528000475750330	Ashmore	832127	2007	Artic	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001503821299	276001503821299	Ashwin	822434	2010	Ashlar	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000748336371	528000748336371	Ashwood	832598	2011	Atwood	Sanchez	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814567316	276000814567316	Ashzen	765876	2010	Ashlar	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000535778216	276000535778216	Askari	677305	2009	Ashlar	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM001405497614	276001405497614	Askaron	833218	2016	Accurate	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000357327512	276000357327512	Aslan	833051	2014	Anton	Pioneer	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000496080070	528000496080070	Asmo	635927	2008	Mr.Burns	Kian	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
01	HOLUSAM000061757517	840000061757517	Aspen	505635	2004	Lancelot	Garter	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000539340051	276000539340051	Aspen P	917562	2015	Apoll P	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000537792699	276000537792699	Aspirant P	680228	2013	Asterix	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001015220495	276001015220495	Asterix	250690	1992	Aerostar	Command	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000142286285	840000142286285	Astonishin	507288	2013	Maurice	Bookem	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000121125102	276000121125102	Astor Red	588677	2014	Aikman	Jotan	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000354263611	276000354263611	Astorian	473823	2010	Ashlar	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001021052317	276001021052317	Astra	810043	1991	Aerostar	Total ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLAUTM000538900217	040000538900217	Astral	900217	2009	Ashlar	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM001500409120	276001500409120	Astro	821052	1998	Amaretto	Lux	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000505969804	276000505969804	Astronom	664578	1991	Aerostar	Astrojet	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000061848590	840000061848590	Asurance	505638	2004	Finley	Storm	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021172104	276001021172104	Aswan ET	395053	1992	Ambition	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815159843	276000815159843	At-Rae	766601	2011	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000889981700	528000889981700	Atami	811389	2010	Astro	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000355362735	276000355362735	Atanas	476022	2011	Atwood	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342965737	276000342965737	Atari	810651	1998	Amaretto	Southwind	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000355066390	276000355066390	Atcin	334878	2012	Atwood	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000946017957	276000946017957	Atempo	678534	2011	Atwood	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000605674734	528000605674734	Athlet	804280	2010	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000857063052	528000857063052	Athlet RF	282868	1993	Astre	Adler	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000399172427	528000399172427	Athos	831823	2005	Atom	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000699614306	528000699614306	Athos	804288	2011	Atwood	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLUSAM000137162947	840000137162947	Atlas	505899	2005	Goldwin	Skychief	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000578407407	276000578407407	Atoll	325519	1998	Amaretto	Basalt ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000122288261	276000122288261	Atomic PP	587515	2016	Apoll P	Fageno	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000815159836	276000815159836	Atshott RF	766399	2011	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLUSAM000135799037	840000135799037	Attack	505750	2004	Titanic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000537134723	276000537134723	Attika	917417	2011	Axion-Red	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM001302262543	276001302262543	Attila	802640	2004	Aero Bond	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM017500281995	380017500281995	Attila	144420	2004	Amateur	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000812789586	276000812789586	Atul	996385	2004	Avanti	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000139044906	840000139044906	Audi	506060	2007	Fortune3	Stormatic	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000354217984	276000354217984	Audio-Red	261808	2010	Audacity	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000662894487	276000662894487	Audiri	330684	2007	Augustine	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000129136404	840000129136404	Audric	326670	1999	Durham	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000129227313	840000129227313	Augustine	505579	2000	Lantz	Emory	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000373534221	528000373534221	Aura	831516	2003	Allen	James	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349898931	276000349898931	Aurel	258520	2005	Augustine	Brett	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000122451241	276000122451241	Aurelian	811593	2017	Araxis	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001601143141	276001601143141	Aurelian	840509	2000	Aaron	Integrity	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001270450386	276001270450386	Aurelius	811216	2007	Artic	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000357795149	276000357795149	Aurum	833070	2014	Album	Genesis	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000135227590	840000135227590	Austin-ET	505652	2004	Throne	Lantz	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000138523396	840000138523396	Authentic	5005989	2006	Toystory	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLGBRM000000658074	826582553402339	Auto MR	832633	2012	Epic	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLDEUM000114414808	276000114414808	Avaflo	597170	2004	Avanti	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000008783472	124000008783472	Availabull	671909	2003	Income	Grand ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580100850	276000580100850	Aval	597177	2004	Avanti	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001265074778	276001265074778	Avalon	810912	2002	Aero Bond	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666766051	276000666766051	Avalon PP	619142	2015	Apoll P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOL840M003143029864	840003143029864	Avance-Red	298420	2017	Apprentice	Delta 1427	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLUSAM000123485890	840000123485890	Avanti	297505	1998	Fiano ET	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580607151	276000580607151	Avaro	917083	2005	Avanti	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000424009818	528000424009818	Avarto	922693	2005	Avanti	Sparta	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000524009367	528000524009367	Avatar	804223	2009	Ashlar	Laudan	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000352239289	276000352239289	Avendo	472206	2008	Advent-Red	September	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLUSAM00072002107	84000072002107	Avenger	298207	2013	Bama-Red	Lion King	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000538663320	276000538663320	Avenue	681957	2014	Anton	Sudan	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000656283202	528000656283202	Aviano	619119	2014	Alta5G	Maxim	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001501189547	276001501189547	Aviator	811355	2010	Alexander	Lou	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000122451167	276000122451167	Avicii	572927	2016	Araxis	Montross	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLUSAM000130050564	840000130050564	Avis	327072	2000	Aaron	Wister ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000932709295	276000932709295	Axel	791780	2000	Addison	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	CRV-Megg	
01	HOLDEUM001015233589	276001015233589	Axel	810171	1993	Aerostar	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000071856706	840000071856706	Axel	507285	2013	Mancave	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000666400072	276000666400072	Aximo	924722	2013	Aikman	Ralstorm	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLUSAM000133062432	840000133062432	Axle	505512	2002	Marshall	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359741455	276000359741455	Axminster	833228	2016	Araxis	Yoder	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000358827416	276000358827416	Ayol-Red P	264830	2016	Akyol Red	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000343889988	276000343889988	Azteke	810660	1998	Amaretto	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000354833446	276000354833446	Azuma	476163	2011	Atwood	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000426985297	056000426985297	Azur	917418	2011	Destry	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000939737165	276000939737165	Azur	792610	2005	Avanti	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001271398986	276001271398986	Azur	823136	2014	Anton	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLLUXM000299171186	442000299171186	Azur-Red	151554	2013	Ammon	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000344650591	276000344650591	Azuro	821148	1999	Aeroline	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000357570170	276000357570170	Azuro	833068	2014	Anton	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000347813963	276000347813963	BG Cezanne	506201	2003	Ramos	Webster	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000580024972	276000580024972	BG Dante	505634	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349159846	276000349159846	BG Detekt	505633	2004	Spy	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000398102290	528000398102290	BG E.T.	889033	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4P	H5P	CDF	OHG	CD Gentest
01	HOLDEUM000580560553	276000580560553	BG Edmund	506415	2005	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000350576606	276000350576606	BG Falstaf	506412	2006	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 98% Traegerwahrscheinlichkeit
02	HOLDEUM000580178339	276000580178339	BG Favorit	298050	2006	Lichtblick	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349756538	276000349756538	BG Fellini	506416	2006	Duplex	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349969400	276000349969400	BG Fjord	506414	2006	Goldwin	Starbuck	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534908725	276000534908725	BG Gabriel	506410	2007	Jango	Inquirer	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
01	HOLDEUM000580665990	276000580665990	BG Galopp	506411	2007	Zesty	Throne	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351453314	276000351453314	BG Gemini	889032	2007	Zenith	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351672128	276000351672128	BG Gideon	506419	2007	Dundee	Gibson	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000535465335	276000535465335	BG Hamlet	506420	2008	Linjet	Morty	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352987344	276000352987344	BG Heinz	506413	2008	Lou	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351690487	276000351690487	BG Hifi	506417	2008	Pronto	Dundee	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352572590	276000352572590	BG lbsen	507084	2009	Planet	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353347329	276000353347329	BG Igor	506452	2009	Earnit	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000535434095	276000535434095	BG Ikea	507082	2009	Roumare	Lancelot	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
01	HOLDEUM000352417659	276000352417659	BG Ikon	507083	2009	Laramee	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352987495	276000352987495	BG Image	260792	2008	Pronto	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352707139	276000352707139	BG Inuit	506453	2009	Onward	Lemmer	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000535823928	276000535823928	BG Irtis	507081	2009	Stol Joc	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352800369	276000352800369	BG Ivan	506451	2009	Pronto	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000535762592	276000535762592	BG Jade	507086	2009	Xacobeo	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353316962	276000353316962	BG Jazz	506651	2010	Alexander	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000536083397	276000536083397	BG Jean	507088	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 98% Traegerwahrscheinlichkeit
01	HOLNLDM000709844880	528000709844880	BG Jeans	261670	2010	Super	Goldwin	H1N	H2N	H3P	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000353316945	276000353316945	BG Jedi	506650	2010	Hanover	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353756664	276000353756664	BG Jeton	507087	2009	Million	Ramos	H1N	H2P	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353767858	276000353767858	BG Jurij	507089	2010	Man-O-Man	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000536847829	276000536847829	BG Kalaf	507090	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000354891669	276000354891669	BG Kapt	507093	2011	Freddie	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000354640701	276000354640701	BG Karl	506789	2010	Manifold	Ramos	H1N	H2N	H3P	H4N	H5N	CDN	OHG	CD Gentest
01	HOLDEUM000355036619	276000355036619	BG Kasper	507249	2012	Bookem	Bogart	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLDEUM000354915869	276000354915869	BG Kepler	506947	2011	Beacon	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000354651336	276000354651336	BG Klimt	507151	2012	Cobra	Bolton	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLDEUM000354980743	276000354980743	BG Konrad	507094	2011	Crown	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000354624062	276000354624062	BG Kontra	507092	2011	Shout	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	OHG	CD 95% Traegerwahrscheinlichkeit
01	HOLDEUM000356293296	276000356293296	BG Lord	507246	2012	Mixer	Super	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000355695004	276000355695004	BG Lorenz	507247	2012	Epic	Domain	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000355168594	276000355168594	BG Lothar	507248	2012	Maxim	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356314606	276000356314606	BG Manon	507452	2013	Loren	Bookem	H1N	H2N	H3N	H4N	H5P	CDN	OHG	
01	HOLDEUM000537845988	276000537845988	BG Marco	507454	2013	Ben	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000356651658	276000356651658	BG Martin	507513	2013	Galaxy	Altalota	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000357525881	276000357525881	BG Melk	507694	2014	Alpine	Sudan	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000356271383	276000356271383	BG Merlin	507453	2013	Supersire	Observer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000357990566	276000357990566	BG Nick PP	507927	2014	Style P	Earnhardt	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000358110829	276000358110829	BG Niels	508060	2015	Supershot	Snowflake	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000357454965	276000357454965	BG Nokia	507862	2014	Defender	Numero Uno	H1F	H2N	H3F	H4F	H5N	CDN	OHG	
01	HOLDEUM000358998772	276000358998772	BG Olaf	508340	2016	Araxis	Nominee	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000358679344	276000358679344	BG Opera	508341	2016	Araxis	Chevrolet	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000360320190	276000360320190	BG Radames	509024	2017	Styx Red	Silver	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000359449298	276000359449298	BG Rialto	508817	2017	Sixpack	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000360001198	276000360001198	BG Robert	508816	2017	Milton	Summer	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000359756080	276000359756080	BG Roland	508818	2017	Trend	LiquidGold	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLUSAM000132045951	840000132045951	BWM Golden	505360	2001	Marshall	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768472887	276000768472887	Baal	811045	2004	Banderas	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001404208390	276001404208390	Babak	832585	2011	Bakombre	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001303432130	276001303432130	Babarkan	804184	2008	Baxter 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001502889505	276001502889505	Babat	822058	2004	Best	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403468507	276001403468507	Babbitt	832290	2008	Baxter 2	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLBELM000656153930	056000656153930	Babelom	917591	2015	Label P	Parma PP	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLDEUM000111351796	276000111351796	Babesia	564041	1999	Basar	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001403292681	276001403292681	Baboon	832274	2008	Bolton	Throne	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000583729811	528000583729811	Babur	804294	2011	Bronco	Bolton	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLCANM00009790108	12400009790108	Babylon	822327	2008	Jet Stream	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000664237344	276000664237344	Babylon	619058	2012	Bookem	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000356815104	276000356815104	Bacalao	811513	2014	Big Point	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDNKM00000255373	208004318702499	Bacanti	811452	2012	Bookem	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000539187973	276000539187973	Bacardi	796890	2016	Balu	Model	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000580367070	276000580367070	Bacardi	802678	2004	Banderas	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM00000250820	208003372303356	Bacardi	635360	2006	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001602489341	276001602489341	Baccara	636271	2008	Baxter 2	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000662771076	276000662771076	Bacchus	635207	2006	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLBELM000757270588	056000757270588	Bach	680599	2013	Brawler	Altalota	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000116130000	276000116130000	Backbord	471417	2008	Buckeye	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000519234505	528000519234505	Backdraft	822289	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000666268036	276000666268036	Background	619088	2013	Beauty	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000360864990	276000360864990	Backlight	833316	2018	Backstage	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000359296703	276000359296703	Backstage	833171	2016	Battlecry	Boss	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579858388	276000579858388	Backstreet	331389	2007	Bolton	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000539287974	276000539287974	Backup	917567	2016	Bagno RDC	PerfectAik	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000356819500	276000356819500	Badal	811512	2014	Boss	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLNLD000688096391	528000688096391	Badano	811585	2016	Battlecry	Danno	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDNKM000000258676	208003001001876	Badawi	811579	2016	Battlecry	Model	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLNLD000359507610	528000359507610	Baditon	636449	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351404436	276000351404436	Badman	804198	2008	Baxter 2	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001603474118	276001603474118	Badolino	619111	2014	Balisto	Hunter	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000663380206	276000663380206	Badon	599437	2008	Mr.Burns	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114736184	276000114736184	Badrian	566629	2004	Best	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000255077	208004141202171	Badstuber	823015	2011	Beacon	Planet	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLDEUM000767986089	276000767986089	Baffo	565705	2002	Bormio	Estimate	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000815820164	276000815820164	Bagan	767400	2014	Banesto	Logan	H1N	H2N	H3P	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001401099226	276001401099226	Bagger	830921	1999	Basar	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501864771	276001501864771	Baggio	823010	2011	Beacon	Jeeves	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLDNKM000000252743	208003372303949	Baghira	822334	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403466965	276001403466965	Bagindi	832427	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352454820	276000352454820	Bagio	260265	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLNLD000920988626	528000920988626	Bagira	619108	2014	Balisto	Shamrock	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
01	HOLDEUM000534650528	276000534650528	Bagno	330874	2007	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000357640595	276000357640595	Bagno RDC	681122	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000768657334	276000768657334	Bahamas	673336	2005	Banderas	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000878742949	528000878742949	Bahamas	149978	2011	Beacon	Gibor	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
02	HOLNLD000932655787	528000932655787	Bahia-Red	587549	2017	Brasil	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000352913653	276000352913653	Bahrain	473385	2009	Mr.Burns	September	H1N	H2P	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000343643339	276000343643339	Baikal	821089	1998	Brock	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355608673	276000355608673	Baikonur	334343	2012	Bookem	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000549639817	528000549639817	Bailando	151595	2014	Balisto	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLFRAM001445852732	250001445852732	Bailey	568584	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLDEUM001302975878	276001302975878	Baileys	804108	2007	Buckeye	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579888271	276000579888271	Bain	671977	2003	Bailey	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000248305	208004141201309	Baisal	566618	2004	Best	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000533020348	276000533020348	Bajan	810735	1999	Brock	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000357680010	276000357680010	Bajano	833059	2014	Balisto	Monreal	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000351017742	276000351017742	Bajard	470003	2007	Buckeye	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539536500	276000539536500	Bajou	681835	2016	Barclay	Racer	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000538319991	276000538319991	Bajoy	833044	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000579818296	276000579818296	Bakall	673455	2005	Panther	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001302276154	276001302276154	Bakara	565950	2004	Boss Iron	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLD000520703915	528000520703915	Bakary	471931	2008	Baxter 2	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000121923922	276000121923922	Baker RedP	587527	2015	Blueprint	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDNKM000000254770	208005108302178	Bakerman	822486	2011	Bowser	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLITAM019990532754	380019990532754	Bakis	832236	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000520451540	528000520451540	Bakombre	832378	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000816321782	276000816321782	Baku	619151	2016	Battlecry	Boss	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001305221311	276001305221311	Baku	823187	2016	Battlecry	Kahuna	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000348149533	276000348149533	Balami	464110	2003	Blauer	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351725597	276000351725597	Balanc	765005	2008	Baxter 2	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000354795000	276000354795000	Balando	476166	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114633849	276000114633849	Balano	465851	2005	Banderas	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351721511	276000351721511	Balbach	471097	2008	Baxter 2	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357162995	276000357162995	Balbo	796330	2014	Balisto	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000352340183	276000352340183	Balboa	636277	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000770405768	276000770405768	Balboa	499080	2016	Battlecry	Anton	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLDNKM000000257404	208003001001826	Balboa	151597	2014	Balisto	Denim	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000816396270	276000816396270	Balbun	768301	2016	Balu	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDNKM000000259116	208003372307468	Baldini	768333	2016	VH Bandini	Commander	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLITAM020990333244	380020990333244	Baldini	811236	2008	Baxter 2	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352281067	276000352281067	Baldosi	822382	2009	Bobas	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342432829	276000342432829	Baldu	456503	1998	Bonatus	Washington	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000357640608	276000357640608	Baldur	833046	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000358709035	276000358709035	Bale Red P	833212	2016	Brekan	Red Mist	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000767986085	276000767986085	Baleno	810931	2002	Bormio	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001303151767	276001303151767	Balesio	811197	2007	Buckeye	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000579651215	276000579651215	Balestero	810920	2002	Bormio	Metro	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000343549204	276000343549204	Baleto	456850	1998	Bonatus	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357180353	276000357180353	Bali	823131	2014	Big Point	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000359171051	276000359171051	Bali P	156565	2016	Battlecry	Jacey	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLFRAM005237442457	250005237442457	Balian	840961	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000538576758	276000538576758	Balic	796400	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000538587116	276000538587116	Balic	767500	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000348613256	276000348613256	Balino	465765	2005	Best	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356948479	276000356948479	Balkos	833041	2014	Balisto	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000346334491	276000346334491	Ballack	461829	2002	Brett	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346565567	276000346565567	Ballado	462772	2002	Bruce	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112208803	276000112208803	Ballett	563412	1998	Basar	Locke	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351318925	276000351318925	Ballisto	470281	2007	Bolton	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003130915920	840003130915920	Ballman	508478	2016	Bandares	Supershot	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000352987299	276000352987299	Ballot	148506	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000538518501	276000538518501	Ballsen	507672	2014	Balisto	Maxim	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000114979207	276000114979207	Balm	566644	2004	Best	Terry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLBELM000011966432	056000011966432	Balmoral	681574	2014	Balisto	Goli	H1N	H2N	H3N	H4N	H5N	CDN	AWE/RUW	
01	HOLDEUM000112361467	276000112361467	Balon	564058	1999	Brock	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021080540	276001021080540	Balonko RF	393745	1991	Blackstar	Anker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000255088	208003001001767	Balotelli	334340	2011	Beacon	Socrates	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358435147	276000358435147	Balou	156556	2016	Battlecry	Embassy	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000872395800	528000872395800	Balou	264757	2016	Baltikum	Epochal	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000393750645	528000393750645	Balsa	566626	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000496375318	528000496375318	Balsito	832310	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357915891	276000357915891	Balteus	833079	2014	Balisto	Peoti	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000251466	208003883602269	Baltex	331043	2007	Buckeye	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344688490	276000344688490	Baltic	830892	1999	Basar	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359296701	276000359296701	Baltic	264525	2016	Battlecry	Boss	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000351709602	276000351709602	Baltikum	470286	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000257203	208003372306362	Baltikum	619105	2014	Balisto	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000918939131	528000918939131	Baltimore	499024	2013	Parker P	Colt-P	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM019990532756	380019990532756	Baltollo	832237	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000346668311	276000346668311	Baltrum	462313	2002	Bormio	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000969687870	528000969687870	Baltrum	156591	2017	Brasil	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001021065819	276001021065819	Baltus ET	820036	1991	Blackstar	Valerian	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000538281295	276000538281295	Balu	681128	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000356491640	276000356491640	Balu-PP	263911	2014	Long P	Supersonic	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLNLDM000521551043	528000521551043	Baluba	832263	2008	Bolton	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578503493	276000578503493	Balve	669084	1999	Basar	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352159717	276000352159717	Balzac	260155	2008	Baxter 2	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLFRAM002941260737	250002941260737	Balzac	148045	2008	Baxter 2	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000663284236	276000663284236	Bamari	472406	2008	Baxter 2	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001011166845	276001011166845	Bamaro	800171	1992	Belt	Chairman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342325686	276000342325686	Bambino	457453	1998	Bonatus	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000121030369	276000121030369	Bambou P	588669	2013	Bama-Red	Laron P	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000351138157	276000351138157	Bamont	597753	2006	Bravisi	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348163708	276000348163708	Bams	464128	2003	Blauer	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812698312	276000812698312	Bams	763155	2003	Brant	James	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662576839	276000662576839	Banamo	840777	2005	Banderas	Champion	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM017500282005	380017500282005	Bandello	831670	2004	Banderas	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000066626152	840000066626152	Bandello	506504	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000449373745	528000449373745	Bandini	811215	2007	Billion 3	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000252064	208003372303710	Bandit	804153	2008	Billion 3	Kermit 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350131453	276000350131453	Bandito	466034	2005	Banderas	Topkid	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812925188	276000812925188	Bandolero	673093	2004	Banderas	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM024990021681	380024990021681	Bandolo	143373	2004	Banderas	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580151226	276000580151226	Bandolph	763300	2004	Banderas	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348613278	276000348613278	Bandomo	465238	2004	Banderas	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000255331	208002371402371	Banesto	811448	2012	Bookem	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDNKM000000255330	208002371402372	Bangard	476492	2012	Bookem	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000494303292	528000494303292	Bangaro	832262	2008	Mr.Burns	September	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000537967768	276000537967768	Bangkok	499027	2013	Boss	ALH Duke	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000352345392	276000352345392	Bangor	331859	2008	Baxter 2	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349652637	276000349652637	Banjas	464941	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000131579006	840000131579006	Banjo	505214	2000	Brett	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000357795190	276000357795190	Banjour	833042	2014	Banesto	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580367122	276000580367122	Banker RF	329564	2005	Banderas	Faber	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502294946	276001502294946	Bann	822347	2008	Baxter 2	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLUSAM000070419112	840000070419112	Banner	679627	2011	Banning	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344666668	276000344666668	Banny	801687	1999	Boudewijn	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000815144972	276000815144972	Bano	766799	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5P	CDF	RBW	CD Gentest
01	HOLNLDM000480936015	528000480936015	Bansai	832254	2008	Baxter 2	Modest	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116367696	276000116367696	Bantam	471193	2008	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000539392007	276000539392007	Banto	768100	2016	Battlecry	Anton	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000351415461	276000351415461	Bantor	330766	2007	Buckeye	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113668317	276000113668317	Bantro	565524	2002	Bormio	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000112249202	276000112249202	Bantu	563413	1998	Brock	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578615639	276000578615639	Bantu	810729	1999	Boudewijn	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000358665672	276000358665672	Barabo	833172	2016	Battlecry	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000251158	208004433402886	Barack	635454	2007	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000662894504	276000662894504	Baracuda	635524	2007	Bolton	Ford	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000886061179	528000886061179	Baran	811460	2012	Bookem	Million	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000464420732	528000464420732	Barati	822230	2006	Buckeye	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000770217596	276000770217596	Barbados	681830	2016	Battlecry	Racer	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM0000815921989	276000815921989	Barbaja	767502	2014	Boss	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001603476033	276001603476033	Barbarossa	619123	2014	Balisto	Brewmaster	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000813803850	276000813803850	Barbis	331399	2008	Billion 3	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768156497	276000768156497	Barcelo	810915	2002	Bormio	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000539196329	276000539196329	BarcelonaP	499079	2016	Battlecry	Revival P	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLDEUM000666519827	276000666519827	Barclay	619109	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000362854512	528000362854512	Barco	671979	2003	Bailey	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000539402595	276000539402595	Barcode	917566	2016	Bagno RDC	Desmond	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000116423603	276000116423603	Bardolino	471419	2008	Baxter 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000372738365	528000372738365	Barett	671869	2003	Bailey	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538427463	276000538427463	Barey	811526	2014	Balisto	Robust	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000663196066	276000663196066	Barilla	331506	2008	Baxter 2	Best	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114964831	276000114964831	Barima	597705	2004	Baculum	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354898316	276000354898316	Barios	334151	2011	Bakombre	Planet	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000530971476	528000530971476	Barique	832459	2009	Mr.Burns	September	H1N	H2P	H3N	H4N	H5N	CDP	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLDNKM00000248414	208005609301595	Baris	566615	2004	Best	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000115897439	276000115897439	Baristo	567472	2007	Buckeye	Preval	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM028990245824	380028990245824	Barito	149982	2011	Beacon	Baxter 2	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDEUM000536745394	276000536745394	Bariton	811408	2011	Bronco	Shottle	H1N	H2N	H3P	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000348613311	276000348613311	Barium	328975	2004	Banderas	Topkid	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122212334	276000122212334	Barkeeper	833183	2016	Battlecry	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001503810237	276001503810237	Barking	822354	2008	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352239271	276000352239271	Barley	260262	2008	Baxter 2	Durham	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000125933269	840000125933269	Barley	505021	1999	Amel	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000543470878	528000543470878	Barlow	149955	2011	Via Thelo	Janosch	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000357821520	276000357821520	Barly	767660	2014	Balisto	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLFRAM002941260818	250002941260818	Barman	636312	2008	Mr.Burns	O-Man	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001403461516	276001403461516	Barnaby	832221	2008	Mr.Burns	Shottle	H1N	H2N	H3N	H4N	H5P	CDC	MAR	CD Gentest
01	HOLDEUM001403292795	276001403292795	Barnacle	832288	2008	Baxter 2	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535110087	276000535110087	Barneby	676151	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM001448435785	250001448435785	Barnet	832275	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM004241314073	250004241314073	Barnetta	822272	2008	Baxter 2	Good	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001303424752	276001303424752	Barnico	804187	2008	Bolton	Talent2	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001082542165	276001082542165	Barny P	681963	2014	Balisto	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLCANM000009294442	124000009294442	Barny Red	297691	2002	Rubens RF	Storm	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345039771	276000345039771	Barock	563490	1999	Brock	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401392941	276001401392941	Barock	831070	2000	Brett	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357640597	276000357640597	Barolo	263550	2014	Balisto	Shamrock	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001015208785	276001015208785	Baron	250465	1991	Blackstar	Levi	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000811314578	276000811314578	Baror	761400	1999	Basar	Juror	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLBELM000611366330	056000611366330	Baroso	570436	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000351006583	276000351006583	Baroso	635205	2006	Buckeye	Morty	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000355206882	276000355206882	Baroso	150000	2011	Beacon	Emil II	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000579888277	276000579888277	Baroso	671973	2003	Bailey	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000257142	208003372306380	Baroy	833035	2014	Balisto	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
02	HOLBELM000558219172	056000558219172	Barracuda	917581	2014	Brekem	Acme RF	H1N	H2N	H3N	H4N	H5N	CDF	AWE/RUW	CD Gentest
01	HOLDNKM00000254911	208005415902383	Barry	804284	2011	Beacon	Pronto	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000349843716	276000349843716	Barsaloi	811078	2005	Banderas	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000342409199	276000342409199	Bartholdy	810692	1999	Bestow	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000767661641	528000767661641	Bartoli	151586	2014	Balisto	Hunter	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000351404411	276000351404411	Barton	148059	2008	Baxter 2	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000506036900	276000506036900	Bartos	067651	1991	Barnaby	Creation	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000101544892	276000101544892	Bartram	664669	1991	Blackstar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000251130	208004433402885	Bartus	145557	2007	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344919130	276000344919130	Basagran	326253	1999	Basar	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359252647	276000359252647	Basalt	264666	2016	Battlecry	Boss	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000974543222	276000974543222	Basalt	794990	2007	Buckeye	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001011164690	276001011164690	Basar	800166	1992	Belt	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001400547487	276001400547487	Basco	830717	1998	Basar	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344585294	276000344585294	Basco ET	840459	1999	Basar	Luke	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000948830246	276000948830246	Baseball	796460	2014	Balisto	Altalota	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLDEUM000352248952	276000352248952	Basel	148050	2008	Baxter 2	Lucente	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000263470202	528000263470202	Baselier	326164	1999	Basar	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538397041	276000538397041	Basement	681129	2014	Balisto	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000578128501	276000578128501	Basemo	669303	1999	Basar	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000816459378	276000816459378	Bashan	768200	2016	Battlecry	Shan	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000535402213	276000535402213	Basic	260160	2008	Baxter 2	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000050049368	840000050049368	Basic	821242	2000	Tanker	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000538431063	276000538431063	Basical	681124	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000488156596	528000488156596	Basically	832258	2008	Baxter 2	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767986292	276000767986292	Basilio	810962	2003	Bruce	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000252832	208003001001685	Basilisk	832395	2009	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000343725436	276000343725436	Basilius	457225	1998	Bonatus	Schilf ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116319729	276000116319729	Basio	599428	2008	Mr.Burns	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000815618150	276000815618150	Basist P	767121	2013	Beauty	Lawnclass	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000343206089	276000343206089	Baske	830757	1998	Basar	Amaretto	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000342416834	276000342416834	Basra	810623	1998	Bonatus	Washington	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500151248	276001500151248	Bassani	811191	2007	Buckeye	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000112369419	276000112369419	Bassist	830842	1999	Basar	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122066752	276000122066752	Bassist	572921	2016	Beatstick	Shaw	H1F	H2N	H3F	H4F	H5P	CDF	RSH	CD Gentest
01	HOLDEUM000662407016	276000662407016	Bassist	328906	2004	Best	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000357608923	276000357608923	Basta	263760	2014	Balisto	Epic	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000345085253	276000345085253	Basti	830917	1999	Basar	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355114395	276000355114395	Bastian	333983	2011	Beacon	Madlock	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602275228	276001602275228	Bastian	840884	2007	Bolton	Best	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000535110100	276000535110100	Bastiano	811256	2008	Baxter 2	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000816605008	276000816605008	Bastion	768203	2016	Battlecry	Boss	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000885750757	528000885750757	Batch P	682291	2016	Battlecry	Rocky	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000696271230	528000696271230	Batello	811440	2011	Bookem	Mac	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000813905257	276000813905257	Batic	764569	2008	Baxter 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000343549183	276000343549183	Batik	456528	1998	Bonatus	Laban	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539274476	276000539274476	Batman	682285	2016	Battlecry	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000694704424	528000694704424	Batombo	832389	2009	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769111262	276000769111262	Baton	676159	2008	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000755764921	528000755764921	Battista	823138	2014	Balisto	Hunter	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000770405805	276000770405805	Battleship	833201	2016	Battlecry	Anton	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000358633684	276000358633684	Batton	154239	2016	Battlecry	Boss	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000522667606	528000522667606	Battunga	832222	2008	Baxter 2	Stormatic	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001020947578	276001020947578	Batum	393119	1991	Blackstar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694899	276000580694899	Batumi	811159	2006	Buckeye	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000770111419	276000770111419	Batur	681826	2016	Basement	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001021036487	276001021036487	Baugias ET	393052	1991	Blackstar	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351111773	276000351111773	Baustein	469557	2007	Buckeye	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM005622856235	250005622856235	Bauxit	669225	1999	Basar	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346859840	276000346859840	Bauz	463774	2003	Blauer	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252301	208004141201627	Bavaro	832279	2008	Baxter 2	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM004241315160	250004241315160	Bax Bunny	840930	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM005610081638	250005610081638	Bax-Gold	840958	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352987321	276000352987321	Baxan	765008	2008	Baxter 2	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM002141060118	250002141060118	Baxblitz	840927	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352800331	276000352800331	Baxbody	840976	2008	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000494871612	528000494871612	Baxcel	832345	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535361880	276000535361880	Baxent	764900	2008	Baxter 2	Lucente	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351721512	276000351721512	Baxitor	471098	2008	Baxter 2	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663284104	276000663284104	Baxitor	840926	2008	Baxter 2	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000814130670	276000814130670	Baxle	765097	2008	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RBW	
01	HOLCANM000105209926	124000105209926	Baxman	503975	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352200938	276000352200938	Baxmann	148030	2008	Baxter 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM019990524103	380019990524103	Baxonato	840920	2008	Baxter 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352104007	276000352104007	Baxott	765001	2008	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM004438258935	250004438258935	Baxte	331818	2008	Baxter 2	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000344688486	276000344688486	Baxter	830851	1999	Basar	Juror	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343763835	276000343763835	Baxter RF	457977	1998	Bonatus	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602488329	276001602488329	Baxterman	840952	2008	Baxter 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM019990532755	380019990532755	Baxino	471416	2008	Baxter 2	Goldwin	H1F	H2N	H3F	H4F	H5N	CDN	MAR	
01	HOLDEUM000352564583	276000352564583	Baxus	260585	2008	Baxter 2	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000539392017	276000539392017	Baymax Red	833189	2016	Bagno RDC	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000251547	208003372303592	Bayriel	832143	2007	Billion 3	Calano TV	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346223090	276000346223090	Baystone	462483	2001	Bombay	Tabaluga	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000063563752	840000063563752	Baystreet	506187	2008	Airraid	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLUSAM000072436762	840000072436762	Bazaar	507518	2013	Mogul	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000535867333	276000535867333	Bazuli	811315	2009	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000354562985	276000354562985	Beach	261800	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	OHG	CD Gentest
01	HOLNLDM000397245431	528000397245431	Beach	802667	2004	Best	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000365850258	528000365850258	Beach Boy	633869	2004	Best	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM000354855104	276000354855104	Beachball	475448	2011	Beacon	Bolton	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
02	HOLDEUM000579819934	276000579819934	Beachboy	916876	2003	Beautyfull	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLBELM000810626273	056000810626273	Beachstar	619039	2011	Beacon	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000537897881	276000537897881	Beaco	767116	2013	Beauty	Bronco	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLCANM000011087870	124000011087870	Beaconator	506866	2011	Beacon	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000537059475	276000537059475	Beacwin	766486	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5P	CDF	RBW	CD Gentest
01	HOLUSAM000061691030	840000061691030	Beagle	505986	2006	Elegant	Stormatic	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000355617688	276000355617688	Beamac	766589	2012	Beau	Mac	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000354721488	276000354721488	Beamer	333986	2011	Beacon	Bertil	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLUSAM000139862580	840000139862580	Beamer P	917281	2009	Lypoll P	Ludox	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000111856148	276000111856148	Beamter	563405	1998	Bestow	Mohr	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001501934344	276001501934344	Bean	823038	2012	Bookem	Million	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000537453128	528000537453128	Beart	832578	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000878743106	528000878743106	Beasley	570417	2011	Beacon	Gibor	H1N	H2N	H3N	H4N	H5P	CDF	RSH	CD Gentest
01	HOLDNKM00000257143	208003372306314	Beat	571873	2014	Boss	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000359296776	276000359296776	Beatbook	768101	2016	Beastick	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000734691569	528000734691569	Beatclub	619154	2016	Beastick	Doorman	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000353612831	528000353612831	Beatle	831642	2004	Beaver	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000816401178	276000816401178	Beatpic	768005	2015	Beat	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000356948488	276000356948488	Beaststick	833032	2014	Balisto	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000699875453	528000699875453	Beau	334424	2012	Bowser	Man-O-Man	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLCANM000007355182	124000007355182	Beaumont	297833	2003	Paradox	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354915874	276000354915874	Beauty	261900	2011	Beacon	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
02	HOLNLDM000343371201	528000343371201	Beauty	922346	2003	Beautyfull	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLGBRM000000646224	826122683602254	Beckett	832484	2009	Bolton	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662576821	276000662576821	Beckham	634094	2004	Best	Eminenz	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000134888035	840000134888035	Beckner	671774	2003	Beaver	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000120704593	276000120704593	Becks	476861	2012	Beacon	Stol Joc	H1N	H2N	H3N	H4P	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000663301551	276000663301551	Becks	923203	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDP	ZBH	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000815618202	276000815618202	Beclass P	767199	2013	Beauty	Lawnclass	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM0005363797657	250005363797657	Become	679316	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLDEUM000537057055	276000537057055	Bedford	678701	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLLUXM000598729996	442000598729996	Bedo	923207	2008	Mr.Burns	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 97% Traegerwahrscheinlichkeit
01	HOLNLDM000382607626	528000382607626	Bedo	831770	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662372969	276000662372969	Bedor	840730	2004	Best	Brett	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000385821849	528000385821849	Beduine	831671	2004	Best	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000207847468	840000207847468	Beebo	671901	2003	Beaver	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535421301	276000535421301	Beebop	832193	2008	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000499368467	528000499368467	Beekman	636317	2008	Billion 3	O-Man	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000359270959	276000359270959	Beethoven	499092	2016	Bellarabi	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000580166669	276000580166669	Beethoven	2004	Best	Storm	H1N	H2N	H3N	H4N	H5N	CDP	ZAR Wien	CD 99% Traegerwahrscheinlichkeit	
01	HOLDEUM000111548449	276000111548449	Begari	563078	1998	Brock	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348668618	276000348668618	Begatus	465231	2004	Best	Lamunit	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346612738	276000346612738	Beifall	462484	2002	Bormio	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111890901	276000111890901	Bein	563099	1998	Bonatus	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM037990017962	380037990017962	Bela	634096	2004	Best	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM00000256012	208003372305714	Beladi	811470	2012	Bookem	Massey	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLNLDM000353762282	528000353762282	Beladin	916877	2003	Beautyfull	Laurel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349452400	276000349452400	Belantis	811052	2004	Best	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM00000255791	208003233801340	Belarin	811464	2012	Bookem	Juwel	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLGBRM340933501512	826340933501512	Belarius	811405	2011	Beacon	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000546051652	528000546051652	Belasko	832577	2011	Beacon	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538735513	276000538735513	Belcaro	811537	2014	Balisto	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000342486635	276000342486635	Beldix	456862	1998	Bonatus	Bell-Troy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348216518	276000348216518	Belek	811015	2004	Blauer	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000358852336	276000358852336	Beletto	833160	2015	Bestboss	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000357385731	276000357385731	Belfast	823126	2014	Balisto	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000486455833	528000486455833	Belfrost	675898	2007	Frosty	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000355223545	276000355223545	Belgrad	149993	2011	Beacon	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001021156595	276001021156595	Belgraef	820088	1992	Belt	Lotos	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000493406134	528000493406134	Belinelli	148076	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000343775279	276000343775279	Belino	458352	1999	Brock	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539335756	276000539335756	Belino	768099	2016	Battlecry	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000875052876	528000875052876	Belisar	811545	2014	Bolt RF	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLFRAM005237442089	250005237442089	Belissimo	822095	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000579194664	276000579194664	Bellair	922041	2001	Belltom RF	H. Jardin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000121390146	276000121390146	Bellarabi	833074	2014	Banesto	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000356819498	276000356819498	Bellboss	833019	2014	Boss	Snowman	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM001500779900	276001500779900	Bellheim	822049	2004	Best	Blitzen	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000372489007	528000372489007	Bellini	633760	2004	Best	Addison	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000353975020	276000353975020	Bellissimo	473895	2010	Mr.Burns	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLNLDM000848764843	528000848764843	Belltom RF	282980	1994	Bell Elton	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535640324	276000535640324	Bellttox	599460	2009	Bravisi	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000322192489	528000322192489	Bellva	995928	2001	Belltom RF	Yava	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000357419805	276000357419805	Belmaro	833086	2014	Balisto	Man-O-Man	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000346491684	276000346491684	Belmfort	327674	2002	Bormio	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001266840650	276001266840650	Belmiro	811458	2012	Bookem	Damion	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000137740730	840000137740730	Belmont ET	505958	2006	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000357640601	276000357640601	Belsan	811525	2014	Balisto	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000348124712	276000348124712	Belsar	463328	2003	Blauer	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000832173127	528000832173127	Belstar	297246	1992	Dust	Bell	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000414499465	528000414499465	Beltano	831604	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662924887	276000662924887	Beluga	822251	2007	Buckeye	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000487150946	528000487150946	Beluga	145576	2007	Billion 3	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 94% Traegerwahrscheinlichkeit
02	HOLNLDM000524704448	528000524704448	Belvin	923251	2008	Mr.Burns	September	H1N	H2P	H3N	H4N	H5N	CDP	ZBH	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000345085245	276000345085245	Ben	801722	1999	Basar	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000358403518	276000358403518	Ben Red	833193	2016	Brekan	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001503810212	276001503810212	Benaglio	822306	2008	Bolton	Magical	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114583992	276000114583992	Benares	566681	2005	Boliver	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001265310822	276001265310822	Benares P	811538	2014	Balisto	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLNLDM000359855968	528000359855968	Benaro	831500	2003	Beautyfull	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116217089	276000116217089	Bencer	599443	2008	Mr.Burns	September	H1N	H2P	H3N	H4N	H5N	CDP	RSH	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000355815892	276000355815892	Bench	262725	2012	Beau	Mac	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
02	HOLDEUM000578763129	276000578763129	Bendar	915323	2000	Belltom RF	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666882644	276000666882644	Bendino	833179	2016	Bestboss	Sargeant	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFRAM002921633130	250002921633130	Bendix	840944	2008	Baxter 2	Ford	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001021199359	276001021199359	Bendos	395389	1993	Belt	Bell-Troy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354412231	276000354412231	Benedik	832579	2011	Beacon	Goldwin	H1N	H2N	H3P	H4N	H5P	CDN	MAR	
01	HOLDEUM000814779603	276000814779603	Benedikt	765797	2010	Bogart	Shottle	H1N	H2N	H3P	H4N	H5P	CDF	Memminge	CD Gentest
01	HOLDEUM001302262512	276001302262512	Benedikt	802626	2004	Beaver	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351524940	276000351524940	Benedix	471064	2007	Buckeye	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535562860	276000535562860	Bengal-U	331854	2008	Baxter 2	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000354836799	276000354836799	Bengali	151503	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDEUM000348028156	276000348028156	Benimo	463852	2003	Bruce	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111856136	276000111856136	Benin	810677	1998	Brock	Lux	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352656289	276000352656289	Benito	260660	2009	Bertil	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001302262513	276001302262513	Benito	802630	2004	Beaver	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM007261003835	250007261003835	Benjamin	619036	2011	Beacon	Toystory	H1N	H2N	H3N	H4N	H5P	CDF	Qnetics	CD Gentest
01	HOLDEUM000536994580	276000536994580	Bennet	679319	2012	Beacon	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000370771717	528000370771717	Bennet	831674	2004	Best	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM098700161032	056000270958768	Benni	830781	1998	Bevnick	Satellite	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662372994	276000662372994	Benning	633987	2004	Best	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349652673	276000349652673	Benno	143384	2004	Best	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	VOST	

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 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000359040444	276000359040444	Benno	833211	2016	Burano	Bube	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000134768180	840000134768180	Bennwood	505627	2003	Throne	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021034394	276001021034394	Bensch ET	392978	1991	Blackstar	Vic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344150395	276000344150395	Benson	458842	1999	Brock	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355036581	276000355036581	Benson	262141	2011	BG E.T.	Ramos	H1N	H2N	H3N	H4P	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000352548421	276000352548421	Benstrup	331852	2008	Baxter 2	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355492569	276000355492569	Bente	832607	2011	Beacon	Man-O-Man	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDNKM000000252065	208005390202380	Bente	804162	2008	Bolton	V Bojer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342917315	276000342917315	Bentley	325577	1998	Bestow	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351767174	276000351767174	Bentrot	331853	2008	Baxter 2	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000737800276	528000737800276	Benwood P	833078	2014	Balisto	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000349537898	276000349537898	Benz	257969	2004	Best	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000355653802	276000355653802	Benzema	334345	2012	Beacon	Boliver	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000348620728	276000348620728	Benzo	465243	2004	Best	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302474567	276001302474567	Beppo	802682	2005	Best	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346820610	276000346820610	Bepsi	463859	2003	Blauer	Formal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358774587	276000358774587	Bequito	833175	2016	Bestboss	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000421876194	528000421876194	Berber	831730	2004	Best	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000352650654	276000352650654	Berdum	149940	2009	Bokito	Goldwin	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLNLDM000498271436	528000498271436	Berend	923152	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDP	ZBH	CD 97% Traegerwahrscheinlichkeit
02	HOLDEUM000122483944	276000122483944	Bergamo	587545	2017	Bretagne	Citation P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLITAM035990280477	380035990280477	Bergamo	148043	2007	Billion 3	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579136888	276000579136888	Bergomi	326895	2001	Brett	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348099270	276000348099270	Bering	143369	2004	Best	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000414499650	528000414499650	Bering	831713	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000494488049	528000494488049	Berino	811283	2008	Mr.Burns	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500741494	276001500741494	Berkau	822073	2004	Best	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000007383033	12400007383033	Berkley	328362	2003	Brant	James	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580169373	276000580169373	Berko	831704	2004	Best	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061976728	840000061976728	Berland	329756	2005	Wizard	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347867313	276000347867313	Berlin	143500	2003	Blitz	Downson	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356230061	276000356230061	Berlin	499033	2014	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
02	HOLDEUM000359065596	276000359065596	Berlin P	792950	2016	Brekan	Coloredo-P	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000349597292	276000349597292	Berlioz	257757	2004	Best	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000357479418	276000357479418	Bermuda	823130	2014	Balisto	Mayfield	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000351709607	276000351709607	Bermudas	470288	2007	Bolton	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351791725	276000351791725	Bernado	470289	2007	Bolton	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579790879	276000579790879	Bernardo	810948	2003	Bruce	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349652614	276000349652614	Bernau	672702	2004	Best	Cello	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001502889502	276001502889502	Bernhard	802674	2004	Best	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM002930982536	250002930982536	Berni	831669	2004	Best	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534651743	276000534651743	Bernini	811160	2006	Buckeye	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000365245904	528000365245904	Bernum	916878	2003	Beautyfull	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002219042985	250002219042985	Berold	811411	2011	Beacon	Socrates	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002929952510	250002929952510	Beron	804143	2007	Billion 3	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001502486784	276001502486784	Berry	822013	2004	Best	Jeff	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349594797	276000349594797	Bertel	802671	2004	Best	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349297076	276000349297076	Bertin	831712	2004	Best	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254875	208005415902400	Bertino	811417	2011	Beacon	Jet Stream	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002279421282	250002279421282	Bertram	823003	2011	Beacon	Planet	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000580143696	276000580143696	Besalgo	840745	2004	Best	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000580367052	276000580367052	Besano	840747	2004	Best	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000376941448	528000376941448	Besdur	464944	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355492551	276000355492551	Besian	832600	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001402463747	276001402463747	Besik	831664	2004	Best	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662372967	276000662372967	Besino	831617	2004	Best	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000240132916	528000240132916	Besjan ALL	668999	1999	Besne Buck	Aerostar	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000348941216	276000348941216	Beslino	466022	2005	Best	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402618100	276001402618100	Besmo	566621	2004	Best	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349652692	276000349652692	Besock	763591	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000813083777	276000813083777	Beson	762999	2004	Best	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001600641255	276001600641255	Bespan	840397	1998	Bestow	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM019990457236	380019990457236	Bessanio	471433	2008	Mr.Burns	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLNLDM000393035302	528000393035302	Besson	831615	2004	Best	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355937028	276000355937028	Best	263000	2013	Beauty	AltaRoss	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000769965077	276000769965077	Best Off	680232	2013	Bedford	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000384460139	528000384460139	Bestaro	831658	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357196821	276000357196821	Bestboss	833021	2014	Boss	Maxim	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000359235304	276000359235304	Bestday	833195	2016	Bestboss	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580047442	276000580047442	Bester	763452	2004	Best	Webster	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001302474531	276001302474531	Bestino	802676	2004	Best	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349652627	276000349652627	Bestlook	633867	2004	Best	Cello	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000419998260	528000419998260	Bestock	634228	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000354915868	276000354915868	Bestol	766299	2011	Beacon	Stol Joc	H1N	H2N	H3N	H4P	H5P	CDF	RBW	CD Gentest
01	HOLDEUM000579967600	276000579967600	Beston	763536	2004	Best	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLNLDM000570056047	528000570056047	Bestry	917380	2010	Destry	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349652605	276000349652605	Bestseller	464683	2004	Best	Cello	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114736182	276000114736182	Bestsep	566630	2004	Best	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000767986064	276000767986064	Bestside	632833	2002	Bormio	Outside	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348313870	276000348313870	Bestus	465406	2004	Best	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537234970	276000537234970	Bestway	679320	2011	Beacon	Million	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLDEUM000767441298	276000767441298	Bestwig	668775	1998	Bestow	Prelude	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000112256492	276000112256492	Beton	563414	1998	Bestow	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500741516	276001500741516	Beuster	821428	2003	Bormio	Demand	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000065685149	840000065685149	Bevan	822290	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000506019828	276000506019828	Bever	067764	1991	Barnaby	Hilton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000537093108	276000537093108	Beverly	678905	2011	Beacon	O-Man	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDNKM000000254791	208004141202126	Bewelo	149977	2011	Beacon	Juwel	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM001501572081	276001501572081	Bewes	823149	2014	Boss	Beacon	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000348216624	276000348216624	Bexan	465766	2005	Best	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000488268163	528000488268163	Bexio	471873	2008	Baxter 2	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000815634974	276000815634974	Bexo	767418	2014	Boss	Evolve	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000114565147	276000114565147	Bezug	831742	2004	Best	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354827380	276000354827380	Bialas	475449	2011	Beacon	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000351634346	276000351634346	Bianco	148033	2008	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000255550	208003372305654	Bianconeri	334689	2012	Bookem	Roumare	H1N	H2N	H3N	H4P	H5N	CDF	MAR	CD Gentest
01	HOLFRAM002216979219	250002216979219	Biarritz	330891	2006	Buckeye	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501864770	276001501864770	Biathlon	823009	2011	Beacon	Jeeves	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLCANM000105163895	124000105163895	Biaxin	331465	2007	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000251530	208004219302124	Bidero	832139	2007	Billion 3	Garter	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM000000251133	208004570601840	Big Apple	832092	2007	Billion 3	Lambda	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252151	208003372303833	Big Band	676403	2008	Billion 3	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342409892	276000342409892	Big Ben	458243	1999	Brock	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000258602	208002371402921	Big Ben	571921	2016	Battlecry	Sargeant	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDNKM000000255906	208003372305782	Big Drum	619079	2012	Bynke	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
02	HOLNLDM000730565710	528000730565710	Big Oscar	917402	2010	Fidelity	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000007998425	124000007998425	Big Pack	330788	2006	Buckeye	Allen	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000666050471	276000666050471	Big Point	619043	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000357285380	276000357285380	Big Power	833052	2014	Big Point	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000351721544	276000351721544	Big Star	470473	2008	Billion 3	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000358040361	528000358040361	Bigamon	832225	2007	Billion 3	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252284	208005614603218	Bigest	331651	2008	Bolton	Magical	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000577013684	276000577013684	Bigger	912939	1996	Bingle	Blackstar	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000071692203	840000071692203	Bigstar-Re	298256	2013	Sympatico	Bookem	H1N	H2N	H3P	H4N	H5N	CDF	RSH	CD Gentest
01	HOLUSAM000065685162	840000065685162	Bigtime	331963	2008	Jet Stream	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000473605595	528000473605595	Bijou	330690	2007	Buckeye	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000359921832	276000359921832	Biker Red	833219	2016	Brekan	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000335511743	528000335511743	Bikino	564947	2001	Brett	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000521416881	528000521416881	Biko	832269	2008	Billion 3	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM123982700765	826123982700765	Bilando	811426	2011	Beacon	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLGBRM000000642864	826382702303925	Bilates	832433	2008	Mr.Burns	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000122048921	276000122048921	Bilbao	571923	2016	Bestboss	Model	H1F	H2N	H3F	H4F	H5P	CDF	RSH	CD Gentest
01	HOLDEUM000534758088	276000534758088	Bilbao	259818	2007	Billion 3	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000660122867	276000660122867	Bilbao	912926	1996	Bingle	Orkan	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000814266227	276000814266227	Bilbao	148559	2009	Bonair	Wildman	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001501528287	276001501528287	Bilbo	823122	2014	Boss	Bronco	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000487050901	528000487050901	Bilingual	675672	2007	Billion 3	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001303151777	276001303151777	Bill	804124	2007	Buckeye	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813803843	276000813803843	Billand	764695	2007	Billion 3	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000535272163	276000535272163	Billard	676026	2008	Billion 3	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000499968375	528000499968375	Billboy	471886	2008	Billion 3	O-Man	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403082606	276001403082606	Billdur	840893	2007	Billion 3	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351892736	276000351892736	Billiboy	332371	2009	Bolton	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM004241380574	250004241380574	Billjock	840924	2008	Billion 3	Merchant 2	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351787859	276000351787859	Billmani	471324	2008	Billion 3	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813941516	276000813941516	Billmor	765052	2008	Billion 3	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000344712590	276000344712590	Billund	325673	1999	Bestow	Dombinator	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113991231	276000113991231	Billyboy	565755	2002	Bruce	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021008375	276001021008375	Bilner	392939	1991	Blackstar	Cleitius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000174462660	528000174462660	Biloxi	561737	1995	Jabot	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001602485891	276001602485891	Bilstein	619006	2010	Billard	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000343566847	276000343566847	Bimbo	457963	1999	Brock	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354154479	276000354154479	Bimer	149960	2011	Beacon	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000813160765	276000813160765	Binar	566684	2005	Best	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000349652638	276000349652638	Bincer	763392	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000352052999	276000352052999	Bingo	148536	2008	Bolton	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000660030313	276000660030313	Bingo	920562	1992	Boy George	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403392648	276001403392648	Binkley	832212	2008	Billion 3	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116319736	276000116319736	Binom	331914	2008	Mr.Burns	Janos	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357126514	276000357126514	Biondo	833025	2014	Boss	Sudan	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000535272187	276000535272187	Birdie	676410	2008	Billion 3	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342443720	276000342443720	Birkel	457014	1998	Bonatus	Manager	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354449417	276000354449417	Birma	678702	2011	Billard	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352846982	276000352846982	Biron	148544	2009	Bertil	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000351528566	276000351528566	Birthday	331392	2008	Billion 3	Finley	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001402532151	276001402532151	Bisco	464871	2004	Best	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403392637	276001403392637	Biscuit	832210	2008	Billion 3	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403334325	276001403334325	Bisior	832111	2007	Binky	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342474105	276000342474105	Bistum	457778	1998	Bonatus	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343357466	276000343357466	Bizarro	821110	1998	Bonatus	Belmont	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM028990024905	380028990024905	Bizet	810999	2004	Banderas	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000254901	208005125804026	Bjarne	804289	2011	Bowser	Active	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000491112006	528000491112006	Björk	832250	2008	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000543470854	528000543470854	Blackboy	678523	2011	Time	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663219670	276000663219670	Blackburn	636145	2008	Mr.Burns	Mr.Sam	H1N	H2P	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000105149623	124000105149623	Blackjack	503976	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000101465553	276000101465553	Blackjoy	800111	1991	Blackstar	Secret	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000121478656	276000121478656	Blacklist	571887	2014	Balisto	Garrett	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000341621945	276000341621945	Blackman	810567	1997	Blackredrf	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002930982218	250002930982218	Blackman	831189	2001	Blackstar	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000642012	826104057301826	Blackspot	636444	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000257516	208003372306608	Blake	823146	2014	Bube	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000768453897	276000768453897	Blamuda	565943	2004	Best	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358631625	276000358631625	Blanco	264450	2015	Blossom	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000359741620	276000359741620	Blandos	811588	2016	Board	Anton	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000663204012	276000663204012	Blandus	832184	2007	Bolton	Boss Iron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000099435198	442000099435198	Blanko	823193	2016	Battlecry	Sargeant	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000900663535	00000900663535	Blanto	820070	1991	Blackstar	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114666041	276000114666041	Blaschko	566619	2004	Best	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001015211057	276001015211057	Blaschko	840048	1992	Blackstar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000357795178	276000357795178	Blaser	499032	2014	Balisto	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM001402311932	276001402311932	Blason	821444	2003	Blauer	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM002079901096	276002079901096	Blasto et	820045	1991	Blackstar	Bell	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114750576	276000114750576	Blastor	566668	2005	Banderas	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114318552	276000114318552	Blaubart	566652	2004	Bruce	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114710190	276000114710190	Blaubär	565932	2003	Big-J	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348216508	276000348216508	Blaudorn	840715	2004	Blauer	Webster	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000341694047	276000341694047	Blauer	456087	1997	Bonatus	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346941968	276000346941968	Blaustar	463183	2003	Blauer	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500162599	276001500162599	Blazer	831559	2003	Blitz	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000655815	826933006960396	Blazer MR	832609	2011	Altalota	Roumare	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001021066827	276001021066827	Bleep	394207	1991	Blackstar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114565146	276000114565146	Blehm	566657	2004	Best	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000490265190	528000490265190	Blendax	470341	2007	Bolton	Stormatic	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000348404868	276000348404868	Blesko	465951	2005	Best	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401938941	276001401938941	Blessi	831461	2003	Blitz	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402311942	276001402311942	Bleu	671871	2003	Blauer	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346954648	276000346954648	Blex	464101	2003	Blauer	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343606115	276000343606115	Blickfang	457646	1998	Bonatus	Bell Rex	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347890252	276000347890252	Bliester	831453	2003	Blitz	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401929719	276001401929719	Blizzard	831460	2003	Blitz	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501453467	276001501453467	Blizzard	823133	2014	Balisto	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM001601647727	276001601647727	Blizzard	143317	2003	Blitz	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402311508	276001402311508	Block	831636	2004	Blitz	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252071	208005722002694	Blomdahl	470977	2007	Billion 3	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000666869573	276000666869573	Blondin	619156	2016	Barclay	Racer	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLNLD000761628082	528000761628082	Blooper	499036	2014	Boss	Beacon	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000538251988	276000538251988	Blossom	681116	2014	Boss	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	RUF	CD Gentest
02	HOLDEUM000359296801	276000359296801	Blow Red	587514	2016	Brekan	Galaxy	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLCANM000103513077	124000103513077	Blue	822223	2006	Buckeye	Freelanze	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344585235	276000344585235	Blue	791530	1998	Bonatus	Target	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLUSAM000062563760	840000062563760	Blue	505858	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLDEUM000663622761	276000663622761	Blue Bay	637089	2010	Bogart	Goldwin	H1N	H2N	H3N	H4N	H5P	CDN	Qnetics	CD Gentest
02	HOLNLD000669633225	528000669633225	Blue Car	924741	2016	Brasil	Glorious	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLNLD000370975333	528000370975333	Blue Moon	672141	2003	Blauer	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUF	
01	HOLDEUM000538159259	276000538159259	Blue P RDC	681110	2014	Boss	Mitey P	H1N	H2N	H3N	H4N	H5N	CDN	RUF	CD Gentest
01	HOLFRAM000107026750	250000107026750	Blue Print	635827	2007	Bolton	September	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM00000257085	208003372306298	Blue Snow	619103	2014	Boss	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000359106656	276000359106656	Bluebay	571918	2016	Bestboss	Chevrolet	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000348082503	276000348082503	Blueboy	463556	2003	Blauer	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500523399	276001500523399	Bluecher	821141	1999	Blacky ET	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500162595	276001500162595	Blues	831593	2003	Blitz	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000816069213	276000816069213	Blues P	997999	2015	Blueprint	Snow RF	H1F	H2N	H3F	H4F	H5N	CDN	RBW	CD Gentest
01	HOLDEUM000358047165	276000358047165	Blues PP	264444	2015	Blue P RDC	Accept P	H1F	H2N	H3F	H4F	H5N	CDN	OHG	CD Gentest
01	HOLDEUM000115143559	276000115143559	Bluman	566678	2005	Best	Preval	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001503337255	276001503337255	Blumberg	822499	2011	Beacon	Ashlar	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000538393143	276000538393143	Board	681573	2014	Boss	Epic	H1N	H2N	H3N	H4N	H5N	CDN	RUF	CD Gentest
01	HOLDEUM001404050542	276001404050542	Boas	832562	2010	Bowser	Mango	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694277	276000580694277	Boateng	822258	2007	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000770461532	276000770461532	Boatsman	681834	2016	Board	Epochal	H1F	H2N	H3F	H4F	H5N	CDN	RUF	CD Gentest
01	HOLCANM000011354336	124000011354336	Boaz RDC	507064	2012	Alchemy	Super	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLD000350854757	528000350854757	Bobas	840609	2002	Dutch Boy	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000344698413	276000344698413	Bobby	840455	1999	Boudewijn	Nicky	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000102725270	124000102725270	Bobby RF	503859	2005	Good	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000352950084	276000352950084	Bobbeck	473981	2009	Bogart	Morty	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001303151893	276001303151893	Bobek	804146	2007	Bolton	Talent2	H1N	H2P	H3N	H4N	H5N	CDN	RA	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000536942081	276000536942081	Bobell	475730	2011	Bowser	Mickey	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001020960357	276001020960357	Bober	810070	1991	Blackstar	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000353320136	276000353320136	Bobgear	840992	2009	Bobas	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000355080841	276000355080841	Boboy	476161	2012	Bookem	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDNKM000000253225	208005181403314	Bobwin	840986	2009	Bobas	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM019990532809	380019990532809	Bocceta	832241	2008	Baxter 2	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000488156154	528000488156154	Boccia	675671	2007	Bolton	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUF	
01	HOLDEUM000346811576	276000346811576	Bocelli	327784	2002	Bormio	Panther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000387028358	528000387028358	Bocelli	258282	2005	Boliver	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000255553	208004181503003	Bocelli RF	619065	2012	Bookem	Destry	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000351672116	276000351672116	Bochamp	764551	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000254148	208004141201947	Bochum	149924	2010	Bogart	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000662388965	276000662388965	Bocko	634091	2004	Best	Jocko Besn	H1P	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLNLD000242572006	528000242572006	Bocongo	761382	1999	Boudewijn	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RBW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000813941501	276000813941501	Bodan	764849	2008	Bolton	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001303117985	276001303117985	Bode	804147	2007	Bolton	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000356759260	276000356759260	Bodega	263410	2014	Boss	Jalas	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000580169377	276000580169377	Bodega	831768	2004	Bob *CV	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120127928	276000120127928	Bodewan	568587	2010	Bogart	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLNLDM000684260978	528000684260978	Bodi	681827	2016	Board	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLITAM019990726501	380019990726501	Bodiah	811358	2009	Bogart	Samuelo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349803647	276000349803647	Bodo	143398	2004	Marshall	Durham	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000664237345	276000664237345	Bodo	795840	2012	Bookem	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLNLDM000497540645	528000497540645	Bodobert	471883	2008	Mr.Burns	Shottle	H1P	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000535421322	276000535421322	Bodrum	676321	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLAUTM000253118228	040000253118228	Body		2013	Beach	Ashlar	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDNKM003097401467	208003097401467	Body	831256	2001	Bombay	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359236810	276000359236810	Bodycheck	833222	2016	Board	Ohare	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001303447111	276001303447111	Bodygard	804202	2008	Bolton	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000537281320	276000537281320	Bodyguard	679454	2012	Bookem	Dotson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021174093	276001021174093	Boeck	394384	1992	Belt	Troy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352651213	276000352651213	Boenisch	332611	2009	Bolivia	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349086453	276000349086453	Boerge	840671	2003	Boss Iron	Rudolph	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLDEUM000813747761	276000813747761	Boford	764424	2007	Bolton	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000769463220	276000769463220	Bogan	811364	2010	Bogart	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM001303225522	276001303225522	Bogard	804155	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345318218	276000345318218	Bogart	141421	2000	Bob	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349726242	276000349726242	Bogart	840771	2005	Boliver	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000344341646	276000344341646	Bogdan	810754	1999	Brock	Casals ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352642488	276000352642488	Bogold	765293	2008	Bolton	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000358774592	276000358774592	Bogota	499075	2016	Bolaro	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLGBRM00000638487	826200304601354	Bogumil	832207	2008	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112150086	276000112150086	Bohner	563491	1999	Basar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358774409	276000358774409	Bojar	823190	2016	Beatstick	Mixer	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000479872210	528000479872210	Bokito	145574	2007	Bolton	Morty	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000496356034	528000496356034	Bokko	331590	2008	Billion 3	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501528418	276001501528418	Bolanos	811529	2014	Banesto	Leko	H1N	H2N	H3N	H4P	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000121142902	276000121142902	Bolaro	811516	2014	Boss	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLGBRM00000642132	826382702203910	Bolas	832432	2008	Mr.Burns	Shottle	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403057988	276001403057988	Bolat	832363	2009	Bolivia	Emil	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602438229	276001602438229	Bolay	840917	2008	Boliver	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000252302	208005415902025	Bolay	471511	2008	Bolton	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000101627692	124000101627692	Bold	672248	2004	Morty	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000813702605	276000813702605	Bolden	764421	2007	Bolton	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000351764654	276000351764654	Boldol	765007	2008	Bolton	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349069075	276000349069075	Bolent	328331	2003	Boss Iron	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000538527716	276000538527716	Bolero	682248	2014	Brekem	Stellando	H1N	H2N	H3N	H4N	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM001602275097	276001602275097	Bolero	635257	2006	Buckeye	Jazzman	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM0005500362258	250005500362258	Bolero	632657	2001	Bombay	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000579794172	276000579794172	Boletus	821406	2003	Boss Iron	Dennis	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000485770191	528000485770191	Bolfour	832174	2007	Bolton	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001021138096	276001021138096	Boliant	393120	1992	Birko ET	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352197128	276000352197128	Bolikor	472402	2008	Bolivia	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663118154	276000663118154	Bolingo	840882	2007	Bolton	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000767986455	276000767986455	Bolino	810968	2003	Bruce	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001402157976	276001402157976	Bolino	831508	2003	Boss II	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353701101	276000353701101	Bolito	473386	2009	Bogart	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120428886	276000120428886	Bolius	475891	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000469476862	528000469476862	Bolivio	811198	2007	Bolton	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001501053837	276001501053837	Boll	822498	2011	Beacon	Ashlar	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000359630365	276000359630365	Bolland	833198	2016	Board	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000359507449	528000359507449	Bolman	675736	2007	Bolton	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000104852644	124000104852644	Bolmar	331464	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344785118	276000344785118	Bolscha	326545	1999	Bob	Triple	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352456468	276000352456468	Bolt	148053	2008	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000352484377	276000352484377	Bolt	260666	2009	Bolton	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000344835580	276000344835580	Bolt ALL	669206	1999	Jolt	Jess	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000940147494	528000940147494	Bolt RF	570432	2012	Bookem	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLNLDM000496401334	528000496401334	Boltek	840904	2007	Bolton	Good	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001602302995	276001602302995	Boltimor	840894	2007	Bolton	Stormatic	H1N	H2N	H3P	H4N	H5N	CDN	LTR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001602294337	276001602294337	Bolto	840896	2007	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000342378465	276000342378465	Bolton	810654	1998	Bonatus	Vanguard	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000449373567	528000449373567	Bolty	764493	2007	Bolton	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001602461534	276001602461534	Boluk	840921	2008	Bolton	Best	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM004241304636	250004241304636	Bolunter	840906	2007	Bolton	Merinit	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000661213121	276000661213121	Bolwin	631461	1999	Boudewijn	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000359176070	276000359176070	Bolzano	499090	2016	Board	Eloquent	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	CD Gentest
01	HOLITAM019990532760	380019990532760	Bolzano	635986	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000063563628	840000063563628	Bolzano	506051	2007	Bolton	Best	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351144018	276000351144018	Boman	822217	2006	Buckeye	Champion	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000579543658	276000579543658	Bomano	671057	2002	Bormio	Raimon	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000487956236	528000487956236	Bomatic	471412	2007	Bolton	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000060609783	840000060609783	BomazManat	505350	2001	Manat	P P Finale	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990284114	380020990284114	Bombadil	832146	2007	Bolton	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111827830	276000111827830	Bombast	563481	1999	Basar	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000763115005	528000763115005	Bombastic	681121	2014	Boss	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLFRAM004972760129	250004972760129	Bombax	832208	2007	Bolton	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000814130666	276000814130666	Bombay	764678	2008	Boliver	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLNLDM000724966255	528000724966255	Bombay	681823	2016	Board	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001012137913	276001012137913	Bomber	133341	1992	Broker	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001403834417	276001403834417	Bomex	832523	2010	Bogart	Goldwin	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000433073846	528000433073846	Bomino	831870	2005	Boliver	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501189858	276001501189858	Bomir	811374	2010	Bogart	Sharky	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000351142719	276000351142719	Bomor	764500	2007	Bolton	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000814100071	276000814100071	Bomorty	765053	2008	Bolton	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346223134	276000346223134	Bon Jour	632460	2001	Bombay	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000592179373	528000592179373	Bonadas	476899	2012	Bookem	Super	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000357400200	276000357400200	Bonando	833043	2014	Boss	Beacon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000344221346	276000344221346	Bonanza	455809	1999	Bonatus	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000649770	826303052401069	Bonanza	568582	2010	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000722766280	528000722766280	Bonapart	570427	2012	Bookem	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000348416907	276000348416907	Bonaqua	465109	2004	Best	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002219042573	250002219042573	Bonaseras	832192	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021098657	276001021098657	Bonatus	393038	1991	Blackstar	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000347453384	276000347453384	Bond	802545	2001	Bombay	Gigh	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354026170	276000354026170	Bond	261383	2010	Bogart	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001401106939	276001401106939	Bond	830849	1999	Boudewijn	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000333346080	528000333346080	Bond Eric	632567	2001	Aero Bond	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000344295206	276000344295206	Bondari	458835	1999	Bonatus	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116122864	276000116122864	Bondell	635989	2008	Bolton	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000356815091	276000356815091	Bondial	833016	2013	Boss	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLCANM000008930022	124000008930022	Bondo-Red	917117	2006	Lichtblick	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352800307	276000352800307	Boneiro	332013	2008	Baxter 2	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344051300	276000344051300	Bonello	458841	1999	Boudewijn	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539387525	276000539387525	Bonello	811586	2016	Blacklist	Overbay	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000354827903	276000354827903	Boneur	262060	2011	Boxer	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000359839489	276000359839489	Bonfino	833232	2016	Bueno	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000258887	208002371402974	Bonfire	156569	2016	Board	Sargeant	H1F	H2N	H3F	H4F	H5N	CDN	VOST	
01	HOLDEUM000664208410	276000664208410	Bonhof	619011	2010	Bowser	Damion	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000580082681	276000580082681	Bonhoff	329352	2004	Best	Laibert	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000496137910	528000496137910	Bonico	832305	2007	Bolton	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501028142	276001501028142	Bonifaz	822432	2010	Bogart	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLNLDM000707837097	528000707837097	Bonitos	475008	2011	Boxer	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536418642	276000536418642	Bonjour	678167	2010	Bogart	Shottle	H1N	H2N	H3P	H4N	H5P	CDN	RUW	
01	HOLDEUM000344182175	276000344182175	Bonko	458657	1999	Brock	Titan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662849456	276000662849456	Bonley	764494	2007	Bolton	Finley	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000813449557	276000813449557	Bonndorf	330638	2006	Buckeye	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539508775	276000539508775	Bonner	619155	2016	Basical	Enforcer	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000353326552	276000353326552	Bonno	149920	2010	Bogart	Mtoto	H1P	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000341789103	276000341789103	Bonny	414416	1997	Bellwood	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349726243	276000349726243	Bonny	144424	2005	Boliver	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402173909	276001402173909	Bonny	831441	2002	Bormio	Emory	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343507095	276000343507095	Bonsai	821042	1998	Bonatus	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351721561	276000351721561	Bonsaro	470726	2007	Bolton	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815755780	276000815755780	Bontago	767503	2014	Boss	Sterngold	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000351709609	276000351709609	Bontari	470474	2008	Bolton	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694275	276000580694275	Bontempi	675530	2007	Bolton	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000349652669	276000349652669	Bontesto	464942	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403736842	276001403736842	Bonty	832512	2010	Bogart	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDNKM000000257840	208005609302452	Bonum	823160	2015	Balisto	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000359296839	276000359296839	Bonus	264838	2016	Board	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001269135909	276001269135909	Bonus	810264	1994	Benchmark	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000894813627	528000894813627	Bonus Red	833263	2017	Bagno RDC	Debutant	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000051555543	840000051555543	Bonvoyage	505403	2002	Dutch Boy	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001021097438	276001021097438	Bonzo	810083	1991	Blackstar	Enhancer	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001501958755	276001501958755	Boogani	804306	2012	Bookem	Man-O-Man	H1P	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDNKM000000255076	208003372305437	Boogie	619053	2012	Bookem	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000342302353	276000342302353	Booker	810663	1998	Bonatus	Tober ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000866671453	528000866671453	Booking	679576	2012	Bookem	Socrates	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDNKM000000255555	208004181503004	BookmarkRF	832623	2012	Bookem	Destry	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000815144994	276000815144994	Bookoflove	766850	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLDEUM000354449388	276000354449388	Boom	262395	2012	Bookem	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLUSAM000139151598	840000139151598	Boom	675523	2008	Bolton	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000815144963	276000815144963	Booman	766600	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5P	CDF	RBW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000537785406	276000537785406	Boomer	499016	2013	Bookem	Oswald-P	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLNLDM000479872171	528000479872171	Boomerang	832099	2007	Bolton	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000537172414	276000537172414	Boost	679575	2012	Bookem	Colby	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000661517415	276000661517415	Booster	632229	2001	Bonus	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM191181710972	372191181710972	Booster	804321	2012	Bookem	Sebastian	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLUSAM000129664686	840000129664686	Booster ET	505168	2000	Addison	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351394879	276000351394879	Bootsmann	469450	2007	Buckeye	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352340181	276000352340181	Boppard	676160	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579543664	276000579543664	Borado	840610	2002	Bormio	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347028168	276000347028168	Borak	327363	2001	Bowie	Skagerak	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM004934530060	250004934530060	Borald	840616	2002	Bormio	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000053478815	840000053478815	Boralux	331585	2007	Bolton	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001501947751	276001501947751	Boran	804304	2012	Bookem	Man-O-Man	H1P	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000538551420	276000538551420	Borani	833066	2014	Boss	Epic	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000812226666	276000812226666	Borano	840624	2002	Bormio	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347647067	276000347647067	Borax	802566	2002	Bormio	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347394656	276000347394656	Borbeck	327474	2001	Brett	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502226761	276001502226761	Bordeaux	821140	1999	Basar	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000122212330	276000122212330	Border	571922	2016	Battlecry	Model	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000535272149	276000535272149	Border	675908	2008	Bolton	Throne	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662849457	276000662849457	Bordon	675531	2007	Bolton	Finley	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001304043529	276001304043529	Bordun	804258	2010	Bolton	O-Man	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000579643693	276000579643693	Boreal	671262	2002	Bormio	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000536745413	276000536745413	Borekito	811414	2011	Bowser	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RBB	CD Gentest
01	HOLUSAM000062397348	840000062397348	Borelli	673200	2005	Boliver	Magna	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000122322676	276000122322676	Borello	572937	2016	Balu	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001502346160	276001502346160	Boretti	821332	2002	Bombay	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351349485	276000351349485	Boretto	470730	2008	Bolton	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351069169	276000351069169	Borgetti	811177	2007	Buckeye	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLITAM017990520471	380017990520471	Borias	832239	2008	Bolton	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579531242	276000579531242	Borikon	671144	2002	Bormio	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCHEM120018668831	276001402171559	Boris	831226	2001	Baccala ET	Hoya-Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347425159	276000347425159	Boris	256545	2002	Bormio	Juror	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLDEUM000535011904	276000535011904	Boris	840892	2007	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLGBRM000000659142	826933006963045	Boris MR	832636	2012	Bookem	Roumare	H1N	H2N	H3N	H4P	H5P	CDN	MAR	
01	HOLDEUM000351787864	276000351787864	Borislav	472007	2008	Bolton	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252547	208005390202327	Bork	148015	2007	Billion 3	V Bojer	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000255919	208003372305740	Bork	823061	2012	Bookem	VH Bismark	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000343506556	276000343506556	Borker	456523	1998	Bonatus	Studdi	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000756421293	276000756421293	Borkum	741966	1992	Blackstar	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000539063836	276000539063836	Born P RDC	682287	2016	Battlecry	PerfectAik	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000344089388	276000344089388	Borneo	810714	1999	Boudewijn	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000664065436	276000664065436	Borneo	841019	2010	Bogart	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDNKM000000254777	208003372305133	Bornit	149970	2011	Bowser	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001601938137	276001601938137	Boro	840778	2005	Best	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000114096012	276000114096012	Boromir	565527	2002	Bormio	Patrick	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000812493572	276000812493572	Boron	762798	2003	Boss Iron	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000354123451	276000354123451	Borowski	822439	2010	Bronco	Talent2	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000535421312	276000535421312	Borsati	811243	2008	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000351690484	276000351690484	Borsig	332011	2008	Baxter 2	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401973275	276001401973275	Borusse	831390	2002	Bormio	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602887847	276001602887847	Borussia	619018	2011	Butch	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000768156521	276000768156521	Borwin	328049	2002	Bormio	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351709666	276000351709666	Bosalino	470477	2008	Bolton	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815921988	276000815921988	Bosarna	767501	2014	Boss	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000769225144	276000769225144	Bosbisch	636276	2008	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLD000488907886	528000488907886	Bosborno	471021	2007	Billion 3	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348088239	276000348088239	Bosbos	464107	2003	Blauer	Pazifik	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533768258	276000533768258	Bosco	802569	2002	Bormio	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000949893574	276000949893574	Bosco	796450	2014	Boss	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000356565784	276000356565784	Boscudo	833009	2013	Boss	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000355154527	276000355154527	Bosh	795790	2011	Bookem	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	Memminge	
01	HOLDEUM000116224314	276000116224314	Bosingwa	568533	2008	Bolton	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351144087	276000351144087	Bosko	822249	2007	Bolton	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355203353	276000355203353	Boss	262400	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001302228170	276001302228170	Boss ALL	802610	2003	Boss Iron	Raider	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLUSAM000135548958	840000135548958	Boss TWG	505721	2004	Best	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLAUTM000840477816	040000840477816	Boss et		2008	Bolton	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000359533013	276000359533013	BossHoss	499078	2016	Bestboss	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000351709601	276000351709601	Bossan	470285	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359037865	276000359037865	Bossano	811578	2016	Battlecry	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLFRAM001445852790	250001445852790	Bossanova	475445	2011	Bronco	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000538441310	276000538441310	Bossboy	833024	2014	Boss	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000116314590	276000116314590	Bosse	804156	2008	Bolton	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000769225114	276000769225114	Bossert RF	568538	2008	Mr.Burns	Rubens	H1N	H2P	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000351168505	276000351168505	Bosshoss	331042	2006	Buckeye	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM016500089642	380016500089642	Bosso	831375	2002	Bormio	Raven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302228176	276001302228176	Bossraider	762994	2003	Boss Iron	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000812698323	276000812698323	Bossther	763158	2003	Boss Iron	Jesther	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLNLD000320819360	528000320819360	Boster	810073	1991	Blackstar	Cleitus	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000357303192	276000357303192	Boston	151596	2014	Balisto	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000769473289	276000769473289	Boston	767360	2014	Boss	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RBW	
01	HOLDEUM001401140263	276001401140263	Boston	830856	1999	Brock	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404050559	276001404050559	Boston	568597	2010	Bowser	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
02	HOLDEUM000770322241	276000770322241	Boston PP	499057	2015	Blue P RDC	Galaxy	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLDEUM000816594941	276000816594941	Bostoni	768202	2016	Bosarna	Anton	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLLUXM000199494677	442000199494677	Boswell	811583	2016	Board	Moonboy	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLD000449373721	528000449373721	Boswell	832165	2007	Buckeye	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579527545	276000579527545	Boticelli	671142	2002	Bormio	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000359507456	528000359507456	Botos	832200	2007	Bolton	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348178768	276000348178768	Botschaft	463562	2003	Blauer	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352430270	276000352430270	Botter	148515	2009	Bonair	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000535107539	276000535107539	Bottle	822295	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001021110345	276001021110345	Bottner	394110	1992	Blackstar	Inspiratio	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000766876578	528000766876578	Bottom	679584	2012	Bowser	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000810949909	276000810949909	Botus	760879	1998	Bonatus	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351764658	276000351764658	Botwin	832255	2008	Bolton	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500932512	276001500932512	Boubacar	822305	2008	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403759435	276001403759435	Boucane	832502	2010	Bogart	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLD000597646670	528000597646670	Boudy	156599	2017	Gymnast	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM00000246572	208003727902054	Bounce	632851	2002	V Brando	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000060063843	84000060063843	Bouncer	505160	2000	Aero Bond	Brock	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000359236809	276000359236809	Bouncer P	833206	2016	Board	Ohare	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000110108278	276000110108278	Bounty	561519	1995	Black	Jockel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000660041563	276000660041563	Bounty	628702	1992	Blackstar	Sexation	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000475750253	528000475750253	Bounty	822250	2007	Bolton	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000815921986	276000815921986	Bourbon	767504	2014	Boss	Epic	H1N	H2N	H3N	H4N	H5N	CDF	BNV	CD Gentest
01	HOLDEUM000579435274	276000579435274	Bouvier	671425	2003	Boss Iron	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000737950689	528000737950689	Bouwo	149995	2011	Bowser	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLNLDM000489911787	528000489911787	Bova	675675	2007	Marbach	Major	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000384490732	528000384490732	Bovall	634369	2005	Boliver	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000663196027	276000663196027	Bovary	635823	2007	Bolton	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000372570659	528000372570659	Boven	831667	2004	Best	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663118156	276000663118156	Bovin	635551	2007	Bolton	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	BNV	
01	HOLNLDM000669016356	528000669016356	Bovino	768199	2016	Board	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDNKM000000252072	208002371401852	Bowers	832231	2008	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355220001	276000355220001	Bowie	262150	2011	Bowser	Captain	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000139086616	840000139086616	Bowie P	675778	2007	Bolton	Dane	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000946221907	276000946221907	Bowle	795810	2012	Bowser	Planet	H1N	H2N	H3N	H4N	H5N	CDF	BNV	CD Gentest
01	HOLDEUM000359358944	276000359358944	Bowler	823194	2016	Battlecry	Molotov	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000666134522	276000666134522	Bowling	619050	2011	Bookem	Damion	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001304266450	276001304266450	Bowling	832617	2012	Bowser	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000069951886	840000069951886	Bowman	506690	2010	Bowser	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000009696507	124000009696507	Boxer	822285	2007	Baxter 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000538319952	276000538319952	Boxer	767361	2014	Boss	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000533751597	276000533751597	Boy	802565	2002	Bormio	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000360954554	276000360954554	Boy Red PP	833318	2018	Born P RDC	Sveen P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000487756333	528000487756333	Boyle	832251	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001602784815	276001602784815	Boyson	619004	2010	Bolton	Bogart	H1N	H2N	H3P	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001403190186	276001403190186	Boyano	832108	2007	Bolton	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351109925	276000351109925	Bozen	259777	2007	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352456464	276000352456464	Bozen	148087	2008	Bolton	Boss Iron	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000348606295	276000348606295	Bra	144410	2004	Best	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000487856347	528000487856347	Brabant	635987	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000579902950	276000579902950	Braceby	672240	2003	Brant	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM0003372301853	208003372301853	Brack	831274	2001	V Brando	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000576380108	276000576380108	Brackel	911534	1993	Brando	Sakinaw	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001502294908	276001502294908	Bracker	822308	2008	Bolton	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000134088127	840000134088127	Bradell	671775	2003	Brant	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534939217	276000534939217	Bradford	811171	2007	Buckeye	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000707842091	528000707842091	Bradley	804281	2010	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLUSAM000064633901	840000064633901	Bradon	331874	2008	Baxter 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000102725261	124000102725261	Brador RF	672999	2004	Titanic	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M0003142041145	840003142041145	Brady	811590	2017	Bandares	Kingboy	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000350740740	276000350740740	Brahms	145514	2006	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000359651470	276000359651470	Brahms	156576	2016	Mr Brash	Gerard	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001502898091	276001502898091	Brahms	822225	2006	Buckeye	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000134315793	840000134315793	Brainy	671499	2003	Brant	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000539547917	276000539547917	Brand	681822	2016	Balu	Mahuva	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001401362960	276001401362960	Brando	831299	2001	Brett	Rambo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000661067713	276000661067713	Brando RF	840182	1994	Broker	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350162561	276000350162561	Brandung	329873	2005	Bret II	T Funkis	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343549230	276000343549230	Brandy	631144	1998	Brock	Cubby	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000135167076	840000135167076	Brandy	671902	2003	Brant	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352239217	276000352239217	Branford	832253	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579174095	276000579174095	Branigan	670302	2001	Bronze-ET	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLBELM000412874295	056000412874295	Branko	997455	2017	Brasil	Brekem	H1F	H2N	H3F	H4F	H5N	CDN	RBW	
01	HOLDEUM000578492771	276000578492771	Branko	801719	1999	Brock	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403461570	276001403461570	Brasidas	832301	2008	Mr.Burns	Laudan	H1N	H2P	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000340638969	276000340638969	Brasil	283523	1996	Balance	Silas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537089722	276000537089722	Brasil	795750	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5P	CDF	Greifenb	CD Gentest
01	HOLDEUM000112590457	276000112590457	Brasselt	564046	1999	Brock	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000533924742	276000533924742	Bravado	671437	2003	Bruce	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000133221048	840000133221048	Braveheart	505422	2002	Marshall	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003014562366	840003014562366	Braveness	681821	2016	Bandares	Balisto	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000534600195	276000534600195	Braveness	917201	2006	Bravisi	Intensif	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000534600196	276000534600196	Bravestar	917203	2006	Bravisi	Intensif	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000932987482	276000932987482	Bravestar	458470	1999	Brock	Kirby	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000010702311	124000010702311	Bravisi	297571	1999	Cliffhanger	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000245851	208005243502074	Bravito	831332	2002	V Brando	Patron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000009076732	124000009076732	Bravo	503742	2000	Brett	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359687346	276000359687346	Bravo	156568	2016	Mr Brash	Smurf	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000538246113	276000538246113	Bravos	823114	2013	Boss	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000355003360	276000355003360	Bravour	149962	2011	Bronco	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLNLDM000619026280	528000619026280	Bravour	917607	2017	Brasil	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000398495525	528000398495525	Bravur	465703	2004	Best	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000011872911	124000011872911	Brayden	507561	2014	Balisto	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580061169	276000580061169	Break-Up	672530	2004	Breakout	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001603836105	276001603836105	Breakdance	924745	2017	Brekan	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000811400904	276000811400904	Breake	761605	1999	Brock	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000666959672	276000666959672	Breakfast	924744	2017	Bagno RDC	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000345637613	276000345637613	Breakman	459468	2000	Brock	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000370771863	528000370771863	Brecht	802664	2004	Best	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001600910658	276001600910658	Brego	840488	1999	Breton	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000121518649	276000121518649	Brekan	588681	2014	Brekem	Destry	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000360085148	276000360085148	Breko Red	833274	2017	Bretagne	Altahotrod	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000111868034	276000111868034	Brema	563072	1998	Brock	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000496675807	528000496675807	Brendan	840947	2008	Bolton	Mascol ET	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401171706	276001401171706	Brent	830828	1998	Brock	Diapason	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538538554	276000538538554	Brentano	151587	2014	Balisto	Sudan	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000811665629	276000811665629	Bresso	762016	2001	Brett	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579872864	276000579872864	Bressot	671745	2003	Bruce	Webster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005383280299	250005383280299	Brest	831063	2000	Brett	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000295614281	528000295614281	Brester	831172	2001	Brett	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000538599944	276000538599944	Bretagne	917590	2015	Brekem	Dakker	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000663371466	276000663371466	Breugel	149926	2009	Bolivia	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000358633698	276000358633698	Brian	499077	2016	Battlecry	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000768453887	276000768453887	Brice	802645	2004	Britt ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578001613	276000578001613	Bridge	668257	1998	Bristol	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000135999398	840000135999398	Brigade	505762	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest

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Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000352014411	276000352014411	Brigant	331671	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578134246	276000578134246	Brigant	810725	1999	Basar	Bookie	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000050040814	840000050040814	Brigg	504963	1998	Brock	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001505938696	276001505938696	Briggs	822457	2010	Bogart	Elegant	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLUSAM000061196060	840000061196060	Brigham	672448	2004	Britt ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579326156	276000579326156	Brikson	670270	2001	Brett	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345461768	276000345461768	Brillant	831077	2000	Brett	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539335800	276000539335800	Brilliance	681825	2016	Battlecry	Cashcoin	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349315713	276000349315713	Brilliant	257300	2003	Brant	James	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLNLDM000535159255	528000535159255	Brilliant	917369	2010	Fiction	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348052844	276000348052844	Brillo	464391	2004	Breakout	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579888285	276000579888285	Brindisi	672210	2003	Britt ET	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351144079	276000351144079	Bristone	832076	2007	Buckeye	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000246580	208005609301440	Brio	671003	2002	V Brando	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000519197013	528000519197013	Brioso	832329	2008	Mr.Burns	O-Man	H1N	H2P	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000343583049	276000343583049	Brisant	457981	1999	Bestow	Belt	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350740774	276000350740774	Brisant	330683	2007	Buckeye	Titanic	H1N	H2N	H3N	H4P	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001265237671	276001265237671	Brisbane	568596	2010	Bowser	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLUSAM000125499918	840000125499918	Brisbane	504981	1998	Brock	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000111985835	276000111985835	Brisco	830848	1999	Brock	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000252313	208003372303848	Brise	636004	2008	Bolton	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000878742956	528000878742956	Brisk	679008	2011	Beacon	Gibor	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLDEUM000342409875	276000342409875	Brisko	810686	1998	Brock	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000576162555	276000576162555	Bristol	665258	1993	Belt	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114414742	276000114414742	Brittwest	565931	2003	Britt ET	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579953185	276000579953185	Brixen	671733	2003	Bruce	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000122523748	276000122523748	Broadway	572941	2016	Board	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000343955892	276000343955892	Broadway	457986	1999	Brock	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537670752	276000537670752	Broadway	679992	2012	Bookem	Garrett	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000265344930	528000265344930	Brobant	840473	1999	Brock	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000811397902	276000811397902	Brobelt	761607	1999	Brock	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001600880050	276001600880050	Brocado	840471	1999	Brock	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLCANM000007355178	124000007355178	Brock-Red	916847	2003	September	Monet Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344262074	276000344262074	Brockhaus	458367	1999	Brock	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000251889	208003372303674	Broder	148011	2007	Billion 3	Morty	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM017990516802	380017990516802	Broderick	832129	2007	Bolton	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344121361	276000344121361	Brodin	458646	1999	Brock	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811504197	276000811504197	Brodus	761449	1999	Brock	Enehoud	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000345667814	276000345667814	Brody	810783	2000	Boudewijn	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345996931	276000345996931	Broendby	327235	2001	Brett	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811396416	276000811396416	Broger	761393	1999	Brock	Triosex TI	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLBELM000200076216	056000200076216	Brokat	677906	2010	Bogart	Gibor	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000580287774	276000580287774	Brokat	811055	2004	Best	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347856836	276000347856836	Brom	143380	2003	Britt ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000578436087	276000578436087	Brom	669099	1999	Brock	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001304501471	276001304501471	Brom	823113	2013	Beasley	Snowman	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLNLDM000696227240	528000696227240	Bromac	822477	2011	Bronco	Mac	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000449373536	528000449373536	Bromont	469674	2007	Bolton	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000254997	208004141202123	Brondby	475773	2011	Beacon	Stol Joc	H1N	H2N	H3P	H4P	H5P	CDN	MAR	
01	HOLDNKM00000245850	20800512600985	Bronski	831293	2001	V Brando	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLGBRM00000639998	826382571700440	Bronson	923157	2008	Mr.Burns	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001304685072	276001304685072	Bronx	823116	2014	Big Point	Leko	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000115372087	276000115372087	Bronze	567467	2006	Buckeye	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000344730652	276000344730652	Bronze	801671	1998	Brock	Benchmark	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401171723	276001401171723	Bronzo	830857	1999	Brock	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111351760	276000111351760	Brook	668771	1998	Brock	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000007383040	124000007383040	Brookbell	671595	2003	Brant	James	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021275238	276001021275238	Brosam	820155	1992	Broker	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352186158	276000352186158	Brosnan	636572	2009	Baxter 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000360157474	276000360157474	Brosnan	823205	2017	Bonum	Kooper	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001402997548	276001402997548	Brownie	832044	2006	Britt ET	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000125946513	840000125946513	Browny	504967	1998	Metro	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579872862	276000579872862	Brubaker	671560	2003	Bruce	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578458002	276000578458002	Bruce	139934	1998	Bob	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000343549884	276000343549884	Bruessel	456863	1998	Bonatus	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500163449	276001500163449	Brugib	565976	2003	Bruce	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLUSAM000135042377	840000135042377	Brumar	505575	2003	Brant	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579794200	276000579794200	Brumby	671680	2003	Bruce	Dennis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534690632	276000534690632	Brunay	804093	2006	Buckeye	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000341941508	276000341941508	Brunch	455942	1997	Bonatus	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254995	208003372305294	Brunello	811425	2011	Bowser	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768349395	276000768349395	Brunetti	672321	2004	Bruce	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001305266733	276001305266733	Bruns	823195	2016	Barolo	Racer	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000494316980	528000494316980	Bruns	148068	2007	Mr.Burns	Durham	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000255329	208003200302786	Brunswick	476493	2012	Bookem	Man-O-Man	H1N	H2N	H3N	H4P	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001401861573	276001401861573	Brusso	831573	2004	Bruno Red	Rainbow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355165348	276000355165348	Bube	149986	2011	Beacon	Jeeves	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000351721575	276000351721575	Bubino	470007	2007	Bolton	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115959472	276000115959472	Bucham	567481	2007	Buckeye	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000342435040	276000342435040	Buchex	457461	1998	Bonatus	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000668819273	528000668819273	Buck	264055	2014	Bube	Highlight	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000351144078	276000351144078	Buckado	840868	2007	Buckeye	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000813449544	276000813449544	Buckelot	764888	2006	Buckeye	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000002163873	840000002163873	Buckeye	504089	1991	Aerostar	R.S.O.Bova	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000251127	208002908401754	Buckfun	840870	2007	Buckeye	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351032634	276000351032634	Buckham	145573	2007	Buckeye	Durham	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001602294394	276001602294394	Buckholl	840889	2007	Buckeye	Morty	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000115586093	276000115586093	Buckingham	470511	2007	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814040401	276000814040401	Buckion	765000	2007	Buckeye	Champion	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500155722	276001500155722	Buckland	674920	2006	Buckeye	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351144011	276000351144011	Buckley	840849	2006	Buckeye	Champion	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000768957486	276000768957486	Buckley	764958	2006	Buckeye	Finley	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001602377211	276001602377211	Buckmey	840878	2007	Buckeye	Zecher	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001602294410	276001602294410	Buckmory	840886	2007	Buckeye	Morty	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000007817786	124000007817786	Bucks	674665	2006	Buckeye	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLSWEM000118294859	752001182948599	Buckton	840899	2007	Buckeye	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001502898092	276001502898092	Bucky	822227	2006	Buckeye	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000663140121	276000663140121	Buclass	996500	2008	Mr.Burns	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001272427127	276001272427127	Bucolino	833220	2016	Burano	Alright	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000120560222	276000120560222	Budan	570420	2011	Boyle	Goldwin	H1N	H2N	H3N	H4N	H5P	CDC	RSH	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000121523373	276000121523373	Budapest	823125	2014	Boss	Snowman	H1N	H2N	H3N	H4N	H5N	CDF RA		CD Gentest
01	HOLDEUM000120560245	276000120560245	Buderas	570426	2012	Brigade	Juwel	H1N	H2N	H3N	H4N	H5N	CDF RSH		CD Gentest
01	HOLDEUM000116593047	276000116593047	Budist	568549	2008	Mr.Burns	Champion	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLDEUM001601938036	276001601938036	Budist	840755	2004	Best	Lantz	H1N	H2N	H3N	H4N	H5N	CDN LTR		
01	HOLDEUM001403454777	276001403454777	Budla RDC	832299	2008	Mr.Burns	Titanic	H1N	H2N	H3N	H4N	H5N	CDP MAR		CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000662949538	276000662949538	Budster	832154	2007	Buckeye	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000359223691	276000359223691	Buenas	833207	2016	Bueno	Tribune	H1F	H2N	H3F	H4F	H5N	CDF MAR		CD Gentest
01	HOLDEUM000357079998	276000357079998	Bueno	833062	2014	Balisto	Altakool	H1N	H2N	H3N	H4N	H5N	CDF MAR		CD Gentest
01	HOLDEUM000352986918	276000352986918	Buffon	260266	2008	Mr.Burns	September	H1N	H2P	H3N	H4N	H5N	CDN OHG		
01	HOLNLDM000543773746	528000543773746	Bugarini	811390	2010	Bogart	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN RBB		
01	HOLDEUM000351259601	276000351259601	Bugatti	259169	2007	Buckeye	Boss Iron	H1N	H2N	H3N	H4N	H5N	CDN OHG		
01	HOLDEUM000538441328	276000538441328	Bugatti	823124	2014	Balisto	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN RA		CD Gentest
01	HOLNLDM000716072405	528000716072405	Bugatti	149911	2010	Bogart	Shottle	H1N	H2N	H3N	H4N	H5N	CDN VOST		
01	HOLCANM000009076735	124000009076735	Bugle	503743	2001	Brett	Marty	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000350653384	276000350653384	Buick	675257	2007	Buckeye	Emil	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000534939218	276000534939218	Builder	675255	2007	Buckeye	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000663301553	276000663301553	Bujan	832252	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDP MAR		CD 97% Traegerwahrscheinlichkeit
01	HOLDNKM00000250826	208002371401744	Buko	635452	2007	Buckeye	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN ZBH		
01	HOLDEUM000351404427	276000351404427	Bukondi	811274	2008	Baxter 2	Eaton	H1N	H2N	H3N	H4N	H5N	CDN RBB		
01	HOLDEUM000344158616	276000344158616	Bulian	455802	1999	Brock	Celsius	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000662576827	276000662576827	Bullock	329357	2005	Best	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLCANM000103830776	124000103830776	Bullseye	926780	2006	Bravisi	Intensif	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLUSAM000135199480	840000135199480	Bullseye	505653	2004	Brant	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLDEUM000358939854	276000358939854	Bumper	823191	2016	Bolaro	Aikman	H1F	H2N	H3F	H4F	H5N	CDF RA		CD Gentest
01	HOLDEUM000537089688	276000537089688	Bunge	823005	2011	Beacon	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF RA		CD Gentest
01	HOLDEUM000115831442	276000115831442	Bungee	675267	2007	Buckeye	Lheros	H1N	H2N	H3N	H4N	H5N	CDN RUW		
02	HOLDEUM001403461578	276001403461578	Bunico	832328	2008	Mr.Burns	September	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000111746270	276000111746270	Bunt	563074	1998	Bonatus	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN RSH		
02	HOLNLDM000519617162	528000519617162	Bunto	471875	2008	Mr.Burns	Talent2	H1N	H2N	H3N	H4N	H5N	CDP MAR		CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000113991236	276000113991236	Buran	821394	2003	Bruce	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN RA		
02	HOLDEUM000813779386	276000813779386	Buran	996407	2008	Mr.Burns	Avanti	H1N	H2P	H3N	H4N	H5N	CDN Memminge		
01	HOLDEUM000357970606	276000357970606	Burano	811536	2014	Balisto	Mayfield	H1N	H2N	H3N	H4N	H5N	CDF RBB		CD Gentest
01	HOLDEUM000351921851	276000351921851	Burette	471091	2008	Mr.Burns	Champion	H1N	H2N	H3N	H4N	H5N	CDP MAR		CD 91% Traegerwahrscheinlichkeit
01	HOLDEUM000349652639	276000349652639	Burgas	822035	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM000354251954	276000354251954	Burgas	261575	2010	Butch	Jose	H1N	H2N	H3N	H4N	H5N	CDF OHG		CD Gentest
01	HOLDEUM000343574781	276000343574781	Burgfried	458465	1998	Bonatus	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000352289351	276000352289351	Burggraf	472194	2008	Mr.Burns	Lichtblick	H1N	H2P	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000662940321	276000662940321	Burgherr	675105	2007	Buckeye	Champion	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000351709600	276000351709600	Burgherr	470284	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLNLDM000499768434	528000499768434	Burian	471879	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDP MAR		CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000943671514	276000943671514	Burino	795500	2010	Butch	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN Greifenb		
01	HOLDEUM000116122957	276000116122957	Burion	148075	2008	Mr.Burns	Champion	H1N	H2P	H3N	H4N	H5N	CDP VOST		CD 96% Traegerwahrscheinlichkeit
02	HOLDEUM000663132745	276000663132745	Burkas	832249	2008	Mr.Burns	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDP MAR		CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000353860908	276000353860908	Burkino	333394	2010	Bogart	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN MAR		
01	HOLNLDM000492428029	528000492428029	Burlan	832308	2008	Mr.Burns	Stormatic	H1N	H2P	H3N	H4N	H5N	CDN MAR		
02	HOLDEUM000663301569	276000663301569	Burlent	996499	2008	Mr.Burns	Talent2	H1N	H2N	H3N	H4N	H5N	CDF RBW		CD Gentest
01	HOLDEUM000357264440	276000357264440	Burlon	811528	2014	Balisto	Man-O-Man	H1P	H2N	H3N	H4N	H5N	CDF RBB		CD Gentest
01	HOLDEUM000943072762	276000943072762	Burlot	795233	2008	Mr.Burns	Lancelot	H1N	H2P	H3N	H4N	H5N	CDN Memminge		
01	HOLDEUM000353538162	276000353538162	Burmar	822442	2010	Mr.Burns	Marbach	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLNLDM000469082551	528000469082551	Burnell	832346	2008	Mr.Burns	Alves	H1N	H2N	H3N	H4P	H5N	CDN MAR		

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116166846	276000116166846	Burnello	840949	2008	Mr.Burns	Salto RF	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 96% Traegerwahrscheinlichkeit
02	HOLNLDM000583148186	528000583148186	Burnet Red	832858	2013	Snow RF	Destry	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000814100083	276000814100083	Burnhot RF	765263	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDP	RBW	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000663325711	276000663325711	Burnic	635945	2008	Mr.Burns	Classic PS	H1N	H2P	H3N	H4N	H5N	CDP	Memminge	CD 80% Traegerwahrscheinlichkeit
01	HOLDEUM000813960637	276000813960637	Burnic	765002	2008	Mr.Burns	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM00066873954	27600066873954	Burning	619152	2016	Board	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLNLDM000526754863	528000526754863	Burnrae	832322	2008	Mr.Burns	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116441620	276000116441620	Burnster	568547	2008	Mr.Burns	Freelanze	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001401938811	276001401938811	Burnus	831302	2001	Burke	Downson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000104522830	124000104522830	Burny Red	917129	2007	Bravisi	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM004934530488	250004934530488	Burt	840933	2008	Mr.Burns	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351385463	276000351385463	Burton	259739	2007	Buckeye	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000534600191	276000534600191	Burton	674934	2006	Buckeye	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002931788520	250002931788520	Burton	636099	2008	Bolton	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000529550240	528000529550240	Burton TQ	927018	2009	Mr.Burns	Stadel	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342029237	276000342029237	Burundi	810632	1997	Bonatus	Nick	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000353931196	276000353931196	Burundi	149941	2010	Bronco	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001404539782	276001404539782	Burus P	832842	2013	Bookem	Marnie	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813881684	276000813881684	Burwin RF	765054	2008	Mr.Burns	Goldwin	H1N	H2P	H3N	H4N	H5N	CDP	RBW	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000663367143	276000663367143	Bus	765272	2008	Mr.Burns	Mr.Sam	H1N	H2P	H3N	H4N	H5N	CDP	RBW	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000813803847	276000813803847	Busam	764796	2008	Buckeye	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM007230293388	250007230293388	Busatis	331185	2007	Bolton	Melkior Bw	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000257204	208003200303245	Bushman	619102	2014	Bube	Bookem	H1N	H2N	H3N	H4P	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000352456491	276000352456491	Bussard	148505	2009	Mr.Burns	Champion	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000535292543	276000535292543	Busy	675899	2007	Buckeye	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000814187154	276000814187154	Butal	996587	2008	Mr.Burns	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 97% Traegerwahrscheinlichkeit
01	HOLNLDM000568365885	528000568365885	Butan	149952	2010	Bronco	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000662771074	276000662771074	Butanic	635157	2006	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350896343	276000350896343	Butch	259737	2007	Buckeye	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000113634422	276000113634422	Butcher	565708	2002	Bormio	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000344808251	276000344808251	Butlass	326661	1999	Bootmaker	Bob	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000104208346	124000104208346	Butler	674686	2006	Buckeye	Aerosurf	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579858367	276000579858367	Butler	794980	2006	Buckeye	Durham	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000662944071	276000662944071	Butolo	330973	2007	Buckeye	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348941215	276000348941215	Butterfly	466021	2005	Best	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579651239	276000579651239	Button	810939	2002	Bormio	PM Magic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000121518651	276000121518651	Button RDC	571881	2014	Big Point	Hill	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000356766096	276000356766096	Buzz	833056	2014	Banesto	Toscano	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDNKM00000256064	208004141202369	Byte	680115	2012	Bynke	Limbo	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000113186559	276000113186559	C.Outback	564760	2001	Outside	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLLUXM000699133566	442000699133566	C3-PO	499010	2011	Mitey P	Hershel	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000663324190	276000663324190	Cabarett	804174	2008	Calypso	Titanic	H1P	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000534834273	276000534834273	Cabarus	597770	2006	Classic PS	Marcel red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000534881325	276000534881325	Cabrio	917134	2007	Carmano	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001404626211	276001404626211	Cadal	832844	2013	Cameron	Domain	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017990520450	380017990520450	Cadburry	832235	2008	Calypso	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112470034	276000112470034	Caddy	595347	2000	Cared	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000116022824	276000116022824	Cadeal	597781	2007	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000534930135	276000534930135	Cadens	996376	2007	Cadisco	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000580599427	276000580599427	Cadenz	917208	2006	Cadisco	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000533317940	276000533317940	Caderus	915530	2000	Cadon	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000368103977	528000368103977	Cadiff	840690	2003	Champion	Decision	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000578904182	2760000578904182	Cadisco	915576	2000	Cadon	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662123440	276000662123440	Cadiz	632864	2002	Capri	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM001447692178	250001447692178	Cadoc	832339	2008	Calypso	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000002252648	840000002252648	Cadon	297286	1994	Cadillac	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347386825	276000347386825	Cadoso	810913	2002	Capri	Metro	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000343617734	276000343617734	Caesario	810718	1999	Cash	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352972205	276000352972205	Caiman	149932	2010	Chicago	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001403409111	276001403409111	Caine	832291	2008	Calypso	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580239452	276000580239452	Cajus	811017	2004	Champion	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000117110459	276000117110459	Calbino	568586	2010	Cassano	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500942353	276001500942353	Calbred	822342	2008	Calypso	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000492823743	528000492823743	Caldera	832205	2007	Classic PS	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 88% Traegerwahrscheinlichkeit
02	HOLDEUM000578652484	276000578652484	Caldero	915389	2000	Cadon	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580178344	276000580178344	Calderon	917089	2006	Canvas	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579241671	276000579241671	Caleb	915903	2001	Cadon	Claudio ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000531685547	528000531685547	Caledon	811318	2009	Captain	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000661650254	276000661650254	Calent	762105	2001	Cadon	Valentein	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLITAM017991217128	380017991217128	Calero P	811467	2012	Colt-P	Destry	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM00046444321	52800046444321	Caleu	917102	2006	Canvas	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000101965603	124000101965603	Calgary	328786	2003	Champion	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352950155	276000352950155	Calgary	473381	2009	Captain	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000068886535	840000068886535	Caliber	506864	2010	Caliber	Mac	H1N	H2N	H3N	H4N	H5N	CD	RSH/RA	CD Gentest
01	HOLDEUM000343522736	276000343522736	Calibra	456952	1998	Cash	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303424235	276001303424235	Calico	804206	2008	Calypso	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000252336	208002371401886	Calif	148078	2008	Calypso	Ford	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346919217	276000346919217	Californo	463324	2003	Champion	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348320801	276000348320801	Caliman	328820	2003	Champion	Zack	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400735849	276001400735849	Calish	630960	1998	Cash	Belt	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000358633653	276000358633653	Calisto	811571	2015	Chevalier	Bookem	H1F	H2N	H3F	H4F	H5N	CD	RBB	CD Gentest
01	HOLDEUM001500161488	276001500161488	Calixtus	811083	2005	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000112627703	276000112627703	Call	595095	1999	Cared	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLGBRM000000640503	826208161600009	Callando	832314	2008	Calypso	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000576483118	276000576483118	Callboy	912054	1995	Cadillac	Concord ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000521967505	528000521967505	Callec	832270	2008	Calypso	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351783280	276000351783280	Callsen	822299	2008	Calypso	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000345451181	276000345451181	Calmund	821235	2000	Copper	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOL840M003140616292	840003140616292	Calogen	508734	2017	Legendary	Silver	H1N	H2N	H3N	H4N	H5N	CD	Qnetics	CD Gentest
02	HOLDEUM000580685561	276000580685561	Calvados	917237	2007	Carmano	Reno 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000535001053	276000535001053	Calvin	917140	2007	Cadisco	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021098745	276001021098745	Calvin	810216	1993	Cleitus	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000950350260	276000950350260	Calvo	811550	2015	Commander	Epic	H1F	H2N	H3F	H4F	H5N	CD	RBB	CD Gentest
02	HOLDEUM000662964244	276000662964244	Calwin	923102	2008	Caribic	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLIRLM001181710576	372001181710576	Calysto	566609	2004	Champion	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM019990532761	380019990532761	Calzino	832238	2008	Calypso	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578670371	276000578670371	Cama	915338	2000	Cared	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLGBRM727942700177	826727942700177	Camarus	833027	2014	Chevrolet	Explode	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD Gentest
02	HOLNLDM000433620642	528000433620642	Camas	917107	2006	Canvas	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579172685	276000579172685	Cambell Rf	670160	2000	Cadon	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000138669483	840000138669483	Camberwell	675212	2007	Elegant	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115841473	276000115841473	Cambridge	597794	2007	Classic PS	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537522568	276000537522568	Cambridge	679884	2012	Cameron	Domain	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000534892604	276000534892604	Cameg	923054	2007	Caribic	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000605249619	528000605249619	Camelo	917364	2010	Camary ISY	Stabilo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347903635	276000347903635	Camelot	257047	2003	Champion	Brett	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000469082537	528000469082537	Camelot	804195	2008	Colby	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000734094162	528000734094162	Camelot	151509	2012	Crown	Baxter 2	H1P	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000539636079	528000539636079	Camera	804283	2011	Snowman	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLNLDM000385377210	528000385377210	Camil	831583	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768366397	276000768366397	Camillo	802638	2004	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLLUXM000298782448	442000298782448	Camillo	636574	2009	Captain	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343617728	276000343617728	Camp	457979	1998	Cash	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578830221	276000578830221	Campajo	915385	2000	Camora	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000533931989	276000533931989	Campall	565920	2003	Champion	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000767624305	276000767624305	Campari	914839	2000	Cadon	Salon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539040537	276000539040537	Camper	571920	2016	Chevalier	Boss	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001301867131	276001301867131	Camper	802577	2002	Capri	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666975165	276000666975165	Campino	499086	2016	Citizen	Mahuva	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLDEUM001401171772	276001401171772	Campos	830915	1999	Champ	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768305288	276000768305288	Camposio	565903	2003	Champion	Design	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000536114052	276000536114052	Campus	917332	2009	Carmano	Giseh	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLBELM000210627606	056000210627606	Can Be	917430	2011	Camary ISY	Carmano	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000533092377	276000533092377	Canaletto	810776	1999	Convincer	Counselor	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000578974657	276000578974657	Canberra	915416	2000	Cadon	Pigeonwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115371337	276000115371337	Cancer	597748	2005	Colby-Red	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768156460	276000768156460	Candelite	632667	2002	Cello	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343549199	276000343549199	Candillo	457654	1998	Corky	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580694281	276000580694281	Cando	917160	2007	Carmano	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000444990835	528000444990835	Candy	917081	2005	Canvas	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000113115848	276000113115848	Candyman	564719	2001	Clifhanger	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000351648705	276000351648705	Cannes	917238	2007	Carmano	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534600162	276000534600162	Cannevaro	635163	2006	Canvas	Champion	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000742143218	528000742143218	Canon	151528	2012	Colt-P	Super	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346807517	276000346807517	Cantadur	633330	2003	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001404947495	276001404947495	Cantona	571894	2015	Commander	Snowmaster	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLNLDM000439896326	528000439896326	Cantoni	922731	2005	Canvas	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000666662248	2760006666662248	Cantus	619131	2015	Commander	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLNLDM000921272102	528000921272102	Canuk	917466	2012	Camion	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000537994699	276000537994699	Canyon RDC	680954	2013	Cashcoin	Snowman	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM001500942361	276001500942361	Cape	822345	2008	Calypso	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000770151029	276000770151029	Cape P	917555	2014	Capple P	Dakker	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000352133272	276000352133272	Capello	148057	2008	Carmano	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001403836833	276001403836833	Capetown	804251	2010	Cassano	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000447414198	528000447414198	Capi	597727	2006	Classic PS	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000008932054	124000008932054	Capitain	675037	2007	Buckeye	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001303584156	276001303584156	Capitano	804234	2009	Cassano	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349981687	276000349981687	Capitol	258707	2006	Canvas	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000578914050	276000578914050	Capo	915415	2000	Cadon	Caristo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000583722827	528000583722827	Capone	924706	2011	Camion	Zabing	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD 92% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000769439090	276000769439090	Capple P	917514	2013	Colt-P	Destry	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000284081708	528000284081708	Cappuccino	564071	1999	Convincer	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000115690658	276000115690658	Cappucino	492225	2006	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000531685600	528000531685600	Capriano	840990	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347903535	276000347903535	Capricio	831426	2002	Capri	Thad	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345588521	276000345588521	Capriol	459813	2000	Convincer	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000532449511	276000532449511	Carabas	821002	1997	Corsaro	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001404867402	276001404867402	Caracal	833098	2015	Commander	Applejax	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000768768425	276000768768425	Carall	674599	2006	Shottle	Rubens RF	H1N	H2N	H3P	H4N	H5P	CDN	RUW	
01	HOLDEUM000122030656	276000122030656	Caramba	572925	2016	County	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000579531196	276000579531196	Caramba	762393	2002	Capri	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000534930167	276000534930167	Caramel	917174	2008	Carmano	Modest	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000116325117	276000116325117	Caraning	599444	2008	Caribic	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348455453	276000348455453	Caravan	464517	2004	Champion	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344295190	276000344295190	Carba	459473	2000	Convincer	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535586847	276000535586847	Carbid	917317	2009	Carmano	Kian	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662281148	276000662281148	Carbon	633703	2004	Champion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000535001997	276000535001997	Cardano	811223	2007	Calypso	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000759220472	528000759220472	Cardento	833288	2017	Modesty	Supershot	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001402463709	276001402463709	Cardiff	831608	2004	Careca	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769154423	276000769154423	Cardigan	677668	2010	Cassano	Encino	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000005567829	276000345537581	Cardinal	820065	1991	Jubilant	Sheik	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000232655412	528000232655412	Careca	830606	1998	Corky	Stan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000724966325	528000724966325	Carel	823198	2016	Cinema	Anton	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000538849253	276000538849253	Careless	681964	2015	Commander	Barnaby	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000535225420	276000535225420	Carem	917223	2008	Carmano	Colby-Red	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLFRAM003704256647	250003704256647	Carew	821210	2000	Convincer	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349077670	276000349077670	Carfuso	328675	2003	Champion	Basar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666644443	276000666644443	Carglass	619130	2015	Commander	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000361945877	528000361945877	Cargol	328665	2003	Champion	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112685429	276000112685429	Caribic	921987	2000	Cared	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000116525529	276000116525529	Carie	599452	2008	Carmano	September	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLCANM000107824911	124000107824911	Carlos	811450	2012	Epic	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000732496568	528000732496568	Carlos ET	568585	2010	Jeeves	Goldwin	H1N	H2N	H3P	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000355547724	276000355547724	Carlos PP	795820	2012	Colt-P	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000357795136	276000357795136	Carlton	833085	2014	Camaro	Meridian	H1F	H2N	H3F	H4F	H5N	CDN	MAR	
01	HOLFRAM002941260792	250002941260792	Carmal	148073	2008	Calypso	Champion	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402874108	276001402874108	Carman	831890	2005	Champion	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578889436	276000578889436	Carmano	915758	2001	Cadon	Lay Out	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000116471684	276000116471684	Carmax	996971	2008	Carmano	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000535937370	276000535937370	Carmelito	917330	2009	Carmano	Joyboy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349214112	276000349214112	Carmello	328723	2003	Champion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579651209	276000579651209	Carnesto	327675	2002	Capri	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001301810089	276001301810089	Carnevaro	327783	2002	Capri	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000341119492	276000341119492	Caro	925567	1996	Caristo	Sunlit	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000357223017	276000357223017	Caro Red P	833071	2014	Colt 45 P	Man-O-Man	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000350451207	276000350451207	Carpe Diem	917205	2006	Capo	Maxximo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000663238413	276000663238413	Carpenter	923104	2008	Carmano	Stabilo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000499968267	528000499968267	Carrell	471885	2008	Calypso	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352227114	276000352227114	Carreras	471617	2008	Calypso	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000117009132	276000117009132	Carry	677667	2009	Cassano	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002253772354	250002253772354	Carscadden	841012	2009	Cassano	F B I	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000340969003	276000340969003	Carsten	810487	1996	Celsius	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001401106623	276001401106623	Cart	830779	1998	Cascado	Hardtac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000660710575	276000660710575	Cartago	630930	1998	Cash	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000661416500	276000661416500	Cartell	921939	2000	Cadon	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000535421303	276000535421303	Carvoy	599405	2008	Carmano	Konvoy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579153161	276000579153161	Casareto	915456	2000	Cadon	Bingle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000891610335	528000891610335	Cascade	678324	2010	Cassano	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000178754011	528000178754011	Cascado	830500	1996	Cash	Stan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLD000549362285	528000549362285	Case	917579	2014	Can Be	Elburn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662288972	276000662288972	Caselli	840692	2003	Champion	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000356607630	276000356607630	Cashbox	833017	2013	Cashcoin	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000539535405	276000539535405	Cashmere	156566	2016	Citizen	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000357479656	276000357479656	Casho	833073	2014	Casual	Lexor	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000539391998	276000539391998	Cashpoint	682289	2016	Cashflow	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001303225665	276001303225665	Casino	804175	2008	Calypto	Onestiz	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLD000865720444	528000865720444	Casino	156583	2017	DG Charley	Mardi Gras	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000535610259	276000535610259	Cassallo	676657	2008	Gibor	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000358665624	276000358665624	Cassano	811569	2015	Cinema	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000580023802	276000580023802	Cassano	328422	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353220730	276000353220730	Cassdan	766003	2010	Cassano	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000768895900	276000768895900	Cassedy	841003	2009	Cassano	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000109120797	124000109120797	Cassis	823155	2014	Camaro	Mogul	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000345885895	276000345885895	Casso	460096	2000	Copper	Esquimau	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814464753	276000814464753	Casswin	765877	2010	Cassano	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000114239054	276000114239054	Castanius	565922	2003	Champion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000941339675	276000941339675	Castello	799230	2007	Canvas	Laudan	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
02	HOLDEUM000116534044	276000116534044	Castig	917279	2008	Carmano	Reno 2	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000072128284	840000072128284	Castino P	811493	2013	Cashcoin	Shottbolt	H1N	H2N	H3N	H4N	H5N	CDC	RBB	CD Gentest
02	HOLDEUM000538312360	276000538312360	Castle	917542	2013	Can Be	Tableau	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
02	HOLDEUM000579865992	276000579865992	Castory	597187	2004	Colby-Red	Rubens	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000352635250	276000352635250	Castro	822356	2008	Captain	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM00011596114	124000011596114	Casual	507197	2012	Epic	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000950319971	276000950319971	Casumo	796770	2015	Casual	Lexor	H1F	H2N	H3F	H4F	H5N	CDF	BVN	CD Gentest
01	HOLDEUM001400782789	276001400782789	Casus	830712	1998	Corky	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000757316596	056000757316596	Catalan	680216	2012	Lavaman	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000345690774	276000345690774	Catan	459822	2000	Cadon	Caristo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLD000468571142	528000468571142	Catanga	926701	2006	Classic PS	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578993577	276000578993577	Catano	915611	2001	Cared	Heekster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345679940	276000345679940	Catapult	459806	2000	Copper	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539508729	276000539508729	Cato	811580	2016	Citizen	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000662206468	276000662206468	Cato	633567	2003	Champion	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000352885552	276000352885552	Catwalk	472962	2009	Captain	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769075751	276000769075751	Cavallo	675900	2007	Marbach	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000358140057	276000358140057	Cavani	811547	2015	Commander	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001303424769	276001303424769	Caveman	804191	2008	Calypto	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000355911087	276000355911087	Cay Red P	477501	2012	Colt-P	Jotan	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001402760882	276001402760882	Cecil	831826	2005	Champion	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019500311609	380019500311609	Cecon	821365	2002	Capri	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Haplotypen: (Sortierung Name)
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000348698879	276000348698879	Cedric	466676	2005	Champion	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345515633	276000345515633	Cedrus	459478	2000	Convincer	Tresor ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000147507484	528000147507484	Celano	830327	1995	Celsius	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343110417	276000343110417	Celco	840378	1998	Celsius	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000292328101	528000292328101	Celebrity	670556	2001	Cello	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348404841	276000348404841	Celestino	464699	2004	Champion	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000346898811	528000346898811	Celigo	670627	2001	Ceasar	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000661797376	276000661797376	Celino	840614	2002	Cello	Zack	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401099035	276001401099035	Celkus	830831	1999	Celsius	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000295614407	528000295614407	Cellini	632521	2001	Cello	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000061976695	840000061976695	Cellular	505696	2004	Freelanze	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000289561250	528000289561250	Celtic	831174	2001	Cello	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580014190	276000580014190	Cembalo	597169	2004	Colby-Red	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000344364418	276000344364418	Cempo	564081	2000	Convincer	RC Matt	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM002200377813	276002200377813	Cent	800967	1996	Celsius	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000340969083	276000340969083	Centimo	800971	1996	Celsius	Laban	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347425027	276000347425027	Centimo	831209	2001	Cebalt	Juror	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402649350	276001402649350	Cento	831889	2005	Champion	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401467653	276001401467653	Central	831357	2002	Celano	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348124729	276000348124729	Centrino	328423	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346996055	276000346996055	Centurio	810988	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349045935	276000349045935	Centurio	328529	2003	Champion	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579325764	276000579325764	Ceranco	632564	2001	Cevis	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000344180361	276000344180361	Ceres	810784	2000	Convincer	Laban	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500660149	276001500660149	Cerno	821297	2001	Copper	Lord Lily	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348404867	276000348404867	Ceroso	465958	2005	Champion	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000334673864	528000334673864	Cesparo	670601	2001	Cello	Treasure	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001011241072	276001011241072	Cetan	800904	1995	Celsius	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347430683	276000347430683	Cetero	670747	2002	Cello	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000930923971	276000930923971	Cg Fox	791570	1998	Formation	Blackstar	H1P	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000930923974	276000930923974	Cg-Live	791660	1999	Lukas	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001402030653	276001402030653	Chaban	802618	2003	Champion	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM028000363157	380028000363157	Chaban	671872	2003	Champion	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLFRAM0003554772286	250003554772286	Chabrol	922860	2007	Canvas	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM002941264860	250002941264860	Chacim	672139	2003	Champion	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005367416498	250005367416498	Chack	821477	2003	Champion	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000811625946	276000811625946	Chacko	762887	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000348320800	276000348320800	Chador	464108	2003	Champion	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402442954	276001402442954	Chadro	831773	2005	Champion	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400912411	276001400912411	Chagal	830739	1998	Challenger	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349444290	276000349444290	Chagall	143355	2004	Champion	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001300849370	276001300849370	Chagall	564093	2000	Convincer	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLBELM000116971341	056000116971341	Chaice	672740	2004	Champion	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000937419806	276000937419806	Chajok	794600	2004	Champion	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	Memminge	
01	HOLDEUM000770555951	276000770555951	Chakaponk	684968	2017	Chassy	Commander	H1F	H2N	H3F	H4F	H5N	CDF	RUW/AWE	CD Gentest
01	HOLDEUM000114015036	276000114015036	Chalano	328528	2003	Champion	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348124723	276000348124723	Chalet	633568	2003	Champion	Lee	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348404836	276000348404836	Chamant	464688	2004	Champion	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114732125	276000114732125	Chamdis	565936	2003	Champion	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662180038	276000662180038	Chamdur	840697	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000812629174	276000812629174	Chamdur	762890	2003	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000114015041	276000114015041	Chamero	840703	2003	Champion	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM005367416500	250005367416500	Chamin	633708	2003	Champion	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000361645333	528000361645333	Chamino	840680	2003	Champion	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM002941264843	250002941264843	Chamir	840686	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347948352	276000347948352	Chamisso	840681	2003	Champion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348176349	276000348176349	Chamna	464466	2004	Champion	Basar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346815409	276000346815409	Chamo	840684	2003	Champion	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601660439	276001601660439	Chamoni	840702	2003	Champion	Manat	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFINM000000096424	246000010896006	Chamora	476851	2012	Gold Chip	Bogart	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348033674	276000348033674	Champa	464525	2003	Champion	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402287296	276001402287296	Champion 2	831601	2003	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000370184960	528000370184960	Champjory	464528	2004	Champion	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114423527	276000114423527	Champsilk	565930	2003	Champion	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345507502	276000345507502	Champus	459524	2000	Convincer	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348475992	276000348475992	Champus	465626	2004	Champion	Muschio	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000937221141	276000937221141	Chamson	762884	2003	Champion	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348261860	276000348261860	Chamtee	840710	2004	Champion	Lee	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601774606	276001601774606	Chamun	840719	2004	Champion	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000812789538	276000812789538	Chanat	762400	2003	Champion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOL840M003143553043	840003143553043	Chance	684690	2017	DG Charley	Damaris	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000812707412	276000812707412	Chancer	762995	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402083048	276001402083048	Chandler	831466	2003	Champion	Argagone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402393576	276001402393576	Chandor	831535	2004	Champion	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000363176619	528000363176619	Chandor	143338	2003	Champion	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356687511	276000356687511	Chanel	263340	2014	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000114255743	276000114255743	Chanson	671664	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000370975117	528000370975117	Chantal	831489	2003	Champion	Gelpro	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114480353	276000114480353	Chantre	566620	2004	Champion	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000812981284	276000812981284	Chantz	763385	2004	Champion	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000115690656	276000115690656	Chanukka	597761	2006	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000377273405	528000377273405	Chapeau	672140	2003	Champion	Lava	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115841453	276000115841453	Chaperon	597771	2006	Classic PS	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001601690170	276001601690170	Chapincer	633571	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000368103908	528000368103908	Chapiro	633503	2003	Champion	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000101700860	124000101700860	Chaplin	671906	2003	Champion	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347903595	276000347903595	Chapman	831490	2003	Champion	Formation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000329386508	528000329386508	Chapman	143318	2003	Champion	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000134888398	840000134888398	Chapman	505556	2003	Champion	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000662324487	276000662324487	Chapo	633705	2003	Champion	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000052357086	840000052357086	Charade	671800	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000010683708	124000010683708	Charcoal	297596	1999	Clifhanger	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000666311188	276000666311188	Chardon	619075	2012	Cameron	Sanchez	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLGBRM181850101373	826181850101373	Charge	476491	2011	Super	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000338319070	528000338319070	Charisma	633562	2003	Champion	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000360044875	276000360044875	Charking	619167	2017	DG Charley	Missouri	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000363176501	528000363176501	Charl	831525	2003	Champion	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002141060063	250002141060063	Charlem	822271	2007	Bolton	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402173981	276001402173981	Charles	831499	2003	Champion	Hershel	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000259600	208002468004935	Charles	768600	2017	DG Charley	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000348082498	276000348082498	Charley	821441	2003	Champion	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347813991	276000347813991	Charlie	257045	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000370975218	528000370975218	Charlot	671840	2003	Champion	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000545851602	528000545851602	Charlston	473464	2009	Captain	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000685695537	528000685695537	Charlston	684970	2017	DG Charley	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349107535	276000349107535	Charly	257604	2004	Champion	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000114006692	276000114006692	Charmant	802639	2004	Champion	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000346840752	276000346840752	Charmin	464104	2003	Champion	Juror	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666732945	276000666732945	Charming	619147	2016	Chevalier	Enforcer	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000533933281	276000533933281	Charo	831521	2003	Champion	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000370975225	528000370975225	Charon	831523	2003	Champion	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000338319049	528000338319049	Charoz	633507	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000347903594	276000347903594	Charts	142262	2003	Champion	Formation	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000050840843	840000050840843	Chaser	505697	2004	Titanic	Addison	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000137621541	840000137621541	Chat	505920	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000349291317	276000349291317	Chato	328524	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580082602	276000580082602	ChausseAL	671972	2003	Champion	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666847133	276000666847133	Chavor	619144	2015	Chevalier	Lexor	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000358241841	276000358241841	Chebo	796830	2016	Chevalier	Boss	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000349107459	276000349107459	Check	802612	2003	Champion	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000356963208	276000356963208	Checkmate	833022	2013	Chevrolet	Beacon	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLNLDM000899537342	528000899537342	Checkmate	571878	2014	Aikman	Beacon	H1N	H2N	H3N	H4N	H5P	CDF	RSH	CD Gentest
01	HOLDEUM000358740721	276000358740721	Checkpoint	833131	2015	Commander	Meridian	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000115534943	276000115534943	Cheerio	597767	2006	Classic PS	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000060317338	840000060317338	Cheerio	671597	2003	Champion	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000247224	208003727902188	Chef	802600	2003	Champion	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000768453869	276000768453869	Chekor	565933	2003	Champion	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001265389001	276001265389001	Chelsea P	619104	2014	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLCZEM000071035437	203000071035437	Chelys	831629	2004	Champion	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000355164877	528000355164877	Cheri	671670	2003	Champion	Cello	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000533933290	276000533933290	Cherson	802627	2003	Champion	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000376486684	528000376486684	Cherson	143367	2003	Courier	Steven	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402173999	276001402173999	Cherub	831527	2003	Champion	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360044846	276000360044846	Chess	823209	2017	Chassy	Commander	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDNKM000000256831	208003372306253	Chevalier	619100	2013	Chevrolet	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000579888301	276000579888301	Chevron	672231	2003	Champion	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000753744084	528000753744084	Chevy	833148	2015	Supershot	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFRAM004911163137	250004911163137	Chianti	633570	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000370975092	528000370975092	Chianti	142292	2003	Champion	Gelpro	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356230023	276000356230023	Chic	767218	2014	Chevrolet	Epic	H1N	H2N	H3N	H4N	H5N	CDC	RBW	CD Gentest
01	HOLDEUM000358911043	276000358911043	Chicago	156559	2016	Cinema	Cashcoin	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000349221412	276000349221412	Chico	257171	2003	Champion	Brett	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000257405	208003372306465	Chico	151594	2014	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000348082500	276000348082500	Chiedo	671878	2003	Champion	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000931432709	528000931432709	Chief	833092	2014	Danno	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000110084595	276000110084595	Chiffre	592824	1995	Cadillac	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402451912	276001402451912	Chikago	831564	2004	Champion	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001602401153	276001602401153	Chillyboy	923204	2008	Joyboy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000486747040	528000486747040	Chilton	917145	2007	Classic PS	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000688320740	528000688320740	Chinook	833266	2017	Superhero	Damaris	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLCANM00007661222	12400007661222	Chip	503863	2005	Titanic	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347901881	276000347901881	Chip	257050	2003	Champion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000070346670	840000070346670	Chip MR	507046	2012	Gold Chip	Atwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000136323413	840000136323413	Chippawah	505830	2005	Laudan	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580239456	276000580239456	Chirac	328904	2004	Champion	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLFRAM002215115667	250002215115667	Chirac	922857	2006	Classic PS	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLBELM000357144072	056000357144072	Chirpy	680218	2013	Gold Chip	Sanchez	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000257207	208004141202593	Chivas	151588	2014	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000112742863	276000112742863	Chorherr	595547	2000	Cared	Winluke RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000812779128	276000812779128	Chorm	763095	2003	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000346242141	276000346242141	Chorus	810849	2001	Copper	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349495433	276000349495433	Chris	143356	2004	Champion	Design	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000538319914	276000538319914	Chris	263333	2013	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000348743026	276000348743026	Christal	465660	2005	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000355133371	276000355133371	Christo	334150	2011	Chairman	Bolton	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000366695852	528000366695852	Chronos	328335	2003	Champion	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579900356	276000579900356	Chross	821450	2003	Champion	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM00000256823	208003372306257	Chrysler	833013	2013	Chevrolet	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000358665633	276000358665633	Cicero	264520	2015	Cinema	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDNKM000000254532	208006524000004	Cicero	570421	2011	Cricket	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000345308771	276000345308771	Cidre	255830	2001	Cello	Storm	H1N	H2N	H3P	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000622692405	528000622692405	Cidre	682290	2016	Cinema	G-Force	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000358774618	276000358774618	Cilaos	833162	2016	Cinema	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000539059888	276000539059888	Cincinnati	682283	2016	Cinema	Balisto	H1F	H2N	H3C	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDNKM000000256828	208003372306258	Cinema	151578	2013	Chevrolet	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000347903601	276000347903601	Cino	802592	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000885374843	528000885374843	Cipe	570429	2012	Epic	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000534868562	276000534868562	Cirello	597764	2006	Classic PS	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM0001404580578	276001404580578	Cisano	572928	2016	Citizen	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001269135948	276001269135948	Ciso	810342	1995	Casals ET	Malisto ET	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLUSAM000142158979	840000142158979	Citation P	298211	2012	Ladd P	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM001502378811	276001502378811	Citgo	822093	2004	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000257649	208003372306460	Citizen	823135	2014	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000120304445	276000120304445	Citoyo	599494	2011	Curtis	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM001305221282	276001305221282	Citti	823185	2016	Chevalier	Kahuna	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000353178460	276000353178460	Claas	149933	2010	Charts	Alliance	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000534849246	276000534849246	Claber	996807	2007	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000534913306	276000534913306	Clacel	996666	2006	Classic PS	Marcel red	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000580556171	276000580556171	Claim	917115	2006	Classic PS	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000933007516	528000933007516	Clan P	151584	2014	Colt 45 P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000534769325	276000534769325	Clancy	917126	2006	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000467038420	528000467038420	Clared	597768	2006	Classic PS	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000350966438	276000350966438	Clarín	148017	2007	Classic PS	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000662733936	276000662733936	Clarín	922801	2006	Classic PS	Origin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000534768616	276000534768616	Clarity	917124	2006	Classic PS	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000104112272	124000104112272	Clark	674466	2006	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000580665580	276000580665580	Claro	917113	2006	Classic PS	Timer NL	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000447414383	528000447414383	Clarom	996402	2006	Classic PS	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLLUXM000698644213	442000698644213	Clasnic	635262	2006	Classic PS	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLIRLM272004780480	372272004780480	Classic	802598	2003	Champion	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000248268086	528000248268086	Classic PS	297790	1999	Stadel	Camera	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000348941214	276000348941214	Classico	466027	2005	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811602297	276000811602297	ClassicoAL	761845	2000	Trailer	Bootmaker	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115841472	276000115841472	Classtur	996697	2007	Classic PS	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000534881327	276000534881327	Clavel	917143	2007	Classic PS	Good	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000350917171	276000350917171	Clavio-Red	259444	2007	Classic PS	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000348164415	276000348164415	Clavis	811009	2004	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 88% Traegerwahrscheinlichkeit
01	HOLCZEM000053068388	203000053068388	Claw	504934	1998	Megabuck	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580588866	276000580588866	Claxon	917162	2007	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLITAM019990450746	380019990450746	Clay-Red	917147	2007	Classic PS	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349944940	276000349944940	Clayton	831969	2006	Classic PS	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000424627672	528000424627672	Clearing	917123	2006	Classic PS	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580556191	276000580556191	Clematis	917144	2007	Classic PS	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001305400814	276001305400814	Cleo	823197	2016	County	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLDNKM000000251160	208004534802129	Clerico	926815	2007	Classic PS	Garter	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000470475236	528000470475236	Click	917139	2007	Classic PS	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578634728	276000578634728	Clifford	915326	2000	Cliffhanger	Mardi Gras	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000369341617	528000369341617	Climax	831526	2003	Good	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534924879	276000534924879	Climb	917157	2007	Classic PS	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000112903929	276000112903929	Clinton	564482	2000	Convincer	Converse	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000948830265	276000948830265	Clinton	796490	2014	Commander	Suran	H1F	H2N	H3F	H4F	H5N	CDF	ZAR Wien	CD Gentest
02	HOLNLDM000442091802	528000442091802	Clinton	922918	2006	Classic PS	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000543462697	528000543462697	Clinton	822447	2010	Bogart	Win 395	H1P	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLUSAM000062744609	840000062744609	Clinton	506114	2007	Mac	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534849226	276000534849226	Clooney	917154	2007	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000485679603	528000485679603	Closer	917150	2007	Classic PS	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDNKM000000299782	208004534801816	Closter	297914	2006	Classic PS	Kian	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM0002941264848	250002941264848	Clou	143329	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000533268194	276000533268194	Cloud	810802	2000	Convincer	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000662564822	276000662564822	Clox	926657	2005	Canvas	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342422586	276000342422586	Club	457073	1998	Corky	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115508273	276000115508273	Cluster	567440	2006	Crest	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000010612600	12400010612600	Coach	503679	1998	Starbuck	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534600197	276000534600197	Coast	917202	2006	Cole	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000815124259	276000815124259	Cob	766800	2012	Cobra	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000538468564	276000538468564	Cobain P	924734	2014	Chipper	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000114565124	276000114565124	Cobaldus	565948	2004	Champion	Morris	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000737101364	528000737101364	Cobalt	151511	2012	Crown	Bolton	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM001401470897	276001401470897	Cobbler	831007	2000	Convincer	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353006134	276000353006134	Cobold	148599	2010	Cassano	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000580082647	276000580082647	Cobra	916978	2004	Colby-Red	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000355338853	276000355338853	Coburg	927373	2012	Colt-P	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577965630	276000577965630	Cocco	668284	1998	Corky	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000257841	208004534804298	Cockney	833108	2015	Commander	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000342378461	276000342378461	Cocktail	457012	1998	Cash	Vanguard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661473562	276000661473562	Codak	830946	1999	Convincer	Sammy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001501640871	276001501640871	Code Red P	823058	2012	Colt-P	Malvoy	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLNLDM000390490281	528000390490281	Codein	916961	2004	Colby-Red	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111968678	276000111968678	Codex	563489	1999	Cash	Oscar ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000934323677	528000934323677	Codex P	917469	2012	Colt-P	Supreme	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000536585406	528000536585406	Cofield	588012	2012	Casting	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF RSH		CD Gentest
01	HOLDEUM001402083041	276001402083041	Cognac	821462	2003	Champion	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLUSAM000135705209	840000135705209	Coin	329151	2004	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLUSAM000062887133	840000062887133	Cojack	917131	2007	Cole	September	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLFRAM005801307493	250005801307493	Coka	822273	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM001302405336	276001302405336	Cola	802655	2004	Courier	Kol Nixon	H1N	H2N	H3N	H4N	H5N	CDN RA		
02	HOLBELM000111005242	056000111005242	Colani	588046	2012	Colt-P	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC RSH		CD Gentest
02	HOLDEUM001402776752	276001402776752	Colato	831848	2005	Colby-Red	Rainbow	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLDEUM000768555499	276000768555499	Colber	996328	2004	Colby-Red	Faber	H1N	H2N	H3N	H4N	H5N	CDN RBW		
02	HOLDEUM000534584953	276000534584953	Colbert	831970	2006	Colby-Red	Lightning	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLBELM000143329448	056000143329448	Cold Boy	917227	2007	Spencer 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000114990433	276000114990433	Coldar	566662	2005	Colby-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN RSH		
02	HOLDEUM000534924852	276000534924852	Colibri	922971	2007	Cole	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN ZBH		
01	HOLDEUM001403654997	276001403654997	Colibri	804241	2009	Cassano	Lou	H1N	H2N	H3P	H4N	H5N	CDN RA		
01	HOLDEUM000347426251	276000347426251	Collins	327233	2001	Copper	Mason	H1P	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLDNKM000000255325	208004181502983	Cologna P	960801	2012	Colt-P	Destry	H1N	H2N	H3N	H4N	H5N	CDF Qnetics		CD Gentest
01	HOLDEUM000941218423	276000941218423	Colombo	635529	2007	Classic PS	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN ZBH		
01	HOLDEUM001401422322	276001401422322	Colonel	830987	2000	Convincer	Belmont	H1P	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLNLDM000424009995	528000424009995	Color	922624	2004	Colby-Red	Cadon	H1N	H2N	H3N	H4N	H5N	CDN ZBH		
01	HOLDEUM000358665746	276000358665746	Colorado	499083	2016	Cashflow	Balisto	H1F	H2N	H3F	H4F	H5N	CDF Goepel		CD Gentest
02	HOLDEUM000355535940	276000355535940	Colorado-P	927410	2012	Colt-P	Super	H1N	H2N	H3N	H4N	H5N	CDF MAR		CD Gentest
02	HOLNLDM000494333826	528000494333826	Coloret	832317	2008	Classic PS	Talent2	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000349108717	276000349108717	Coloris	463330	2003	Courier	Convincer	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLNLDM000539446391	528000539446391	Colour P	917470	2012	Colt-P	Destry	H1N	H2N	H3N	H4N	H5N	CDF RUW		CD Gentest
02	HOLNLDM000583711034	528000583711034	Coltry P	996799	2012	Colt-P	Destry	H1N	H2N	H3N	H4N	H5N	CDC RBW		CD Gentest
02	HOLDEUM000533243988	276000533243988	Columban	915770	2001	Commotion	Mason	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000344831492	276000344831492	Columbo	821167	1999	Convincer	Zack	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLGBRM000000654479	826123982600764	Columbo	832582	2011	Beacon	Lightning	H1N	H2N	H3N	H4N	H5N	CDF MAR		CD Gentest
02	HOLDEUM000768564868	276000768564868	Comar	597193	2004	Colby-Red	Faber	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLFRAM002930982062	250002930982062	Combi	830985	2000	Convincer	Dannix	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLDEUM000114529951	276000114529951	Combistar	597168	2004	Colby-Red	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLDEUM000579017287	276000579017287	Combrink	669911	2000	Convincer	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000666493155	276000666493155	Come On	619124	2015	Commander	Lexor	H1F	H2N	H3F	H4F	H5N	CDF Qnetics		CD Gentest
01	HOLDEUM000112590486	276000112590486	Comeback	564087	2000	Convincer	Starleader	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLDEUM001301482123	276001301482123	Comeback	802509	2001	Copper	Lukas	H1P	H2N	H3N	H4N	H5N	CDN RA		
02	HOLDEUM000347452491	276000347452491	Comero	922071	2001	Cadon	Oregon	H1N	H2N	H3N	H4N	H5N	CDN ZBH		
02	HOLDEUM000115528709	276000115528709	Comestar	597762	2006	Classic PS	Talent2	H1N	H2N	H3N	H4N	H5N	CDP RSH		CD 87% Traegerwahrscheinlichkeit
01	HOLDEUM000357780044	276000357780044	Commandeur	833095	2014	Commander	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF MAR		CD Gentest
01	HOLDEUM000358362779	276000358362779	Commare	767700	2015	Commander	Summer	H1F	H2N	H3F	H4F	H5N	CDF RBW		CD Gentest
01	HOLDNKM000000257844	208003372306708	Comotion	833109	2015	Commander	Bynke	H1F	H2N	H3F	H4F	H5N	CDF MAR		CD Gentest
01	HOLAUTM000298636738	040000298636738	Compass		2016	Commander	Boss	H1F	H2N	H3F	H4F	H5N	CDN ZAR Wien		
02	HOLDEUM000112627718	276000112627718	Compiler	595341	2000	Cared	Goldi II	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLUSAM000140715408	840000140715408	Complete	506505	2010	Shaquille	O-Man	H1N	H2N	H3P	H4N	H5N	CDN MAR		
01	HOLDEUM000112742845	276000112742845	Complott	564097	2000	Cadon	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLUSAM000072596637	840000072596637	Compo P	507555	2013	Chipper	Freddie	H1N	H2N	H3N	H4N	H5N	CDF RSH		CD Gentest
02	HOLCANM000007221636	124000007221636	Computer	297613	2000	Commotion	Fatal	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000535358000	276000535358000	Conant	148516	2008	Calypso	Okendo	H1N	H2N	H3N	H4N	H5N	CDN VOST		
01	HOLDEUM000344286777	276000344286777	Condex	459526	2000	Convincer	Lux	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000661473584	276000661473584	Condor	831003	2000	Convincer	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000768555480	276000768555480	Condor	143363	2004	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN VOST		

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000344364415	276000344364415	Condorado	459461	2000	Convincer	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500763205	276001500763205	Conelli	821467	2003	Champion	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578718447	276000578718447	Conen	821202	2000	Convincer	Cmv Mica	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000437475109	528000437475109	Confidis	926650	2006	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115528658	276000115528658	Congress	469224	2006	Classic PS	September	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000345679903	276000345679903	Conjano	459465	2000	Convincer	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358140082	276000358140082	Connor	833113	2015	Commander	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLCANM000009211504	124000009211504	Connors	503705	2000	Convincer	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344585365	276000344585365	Conny	830931	2000	Convincer	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345391186	276000345391186	Conny	255484	2000	Convincer	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM005500077583	250005500077583	Conolly	831011	2000	Convincer	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000662725384	276000662725384	Conradi	922791	2005	Colby-Red	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000357428698	276000357428698	Consul	263910	2015	Commander	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLFRAM005383280279	250005383280279	Consul	821196	2000	Convincer	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000532453370	528000532453370	Conte	811375	2010	Cricket	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578914023	276000578914023	Conterro	669758	2000	Contender	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000111864360	276000111864360	Contesso	564063	1999	Convincer	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000662572855	276000662572855	Contiki	922733	2005	Colby-Red	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000578906233	276000578906233	Contour	669576	2000	Convincer	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000811713641	276000811713641	Contour	830986	2000	Cigar-red	Leader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343239243	276000343239243	Contra	325313	1998	Corky	Luke	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578554278	276000578554278	Convalos	669499	2000	Convincer	Tornado	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000290146354	528000290146354	Convector	564421	2000	Convincer	Brock	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401955423	276001401955423	Convent	831320	2002	Contribute	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000714486680	528000714486680	Converse	684969	2017	Concert	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000661347266	276000661347266	Convex	840489	2000	Convincer	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000274201721	528000274201721	Convoi	840507	2000	Convincer	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000270726679	528000270726679	Conzan	831139	2001	Convincer	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114480397	276000114480397	Coolcat	566632	2004	Champion	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000738606327	528000738606327	Coolman	822430	2010	Cricket	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001272471000	276001272471000	Coos	823178	2015	Cinema	Doorman	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLNLDM000544817324	528000544817324	Copper P	917443	2011	Colt-P	Malvoy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000577991173	276000577991173	Copy	668301	1998	Corsaro	Dombinator	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349362866	276000349362866	Corado	257390	2003	Champion	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000218572058	528000218572058	Corado	821070	1998	Corky	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345039753	276000345039753	Corbian	669600	1999	Convincer	Amaretto	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000343287024	276000343287024	Cordal	830684	1998	Corky	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000647963	826581754601534	Cordalis	473566	2009	Captain	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579267519	276000579267519	Corde	821349	2002	Capri	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001305006447	276001305006447	Cordello	823171	2015	Commander	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001501195075	276001501195075	Cordero	804194	2008	Calypso	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342920068	276000342920068	Cordoba	810649	1998	Cash	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000356687510	276000356687510	Corelli	811514	2014	Chevrolet	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLITAM017990053307	380017990053307	Corello	565940	2003	Champion	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578733716	276000578733716	Corettja	669470	1999	Convincer	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354671272	276000354671272	Corex P RF	476497	2012	Colt-P	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000535159192	528000535159192	Corfix	917384	2010	Jerudo	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578436084	276000578436084	Corin	801702	1999	Corky	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM139107002032	380009107002032	Corint	830680	1998	Corky	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358781244	276000358781244	Corinto	833216	2016	Citizen	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLIRLM272004770488	372272004770488	Cork	802607	2003	Champion	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000768555453	276000768555453	Corlando	916950	2004	Colby-Red	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000134529318	840000134529318	Corleone	328534	2003	Champion	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000388664418	528000388664418	Corlu	916943	2004	Colby-Red	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345655135	276000345655135	Cormoran	810828	2000	Copper	Cleiber ET	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578733714	276000578733714	Cornelius	801723	1999	Convincer	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000769795942	276000769795942	Corner	917506	2012	Colt-P	Jeeves	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000112854366	276000112854366	Cornetto	595349	2000	Cared	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000073828409	840000073828409	Cornwall	811521	2014	Chevrolet	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000949851484	276000949851484	Corona	796580	2015	Commander	Xiras	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
02	HOLDEUM000350594536	276000350594536	Coronado	468190	2006	Classic PS	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM028000364930	380028000364930	Corporal	810981	2003	Champion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000053478876	840000053478876	Corporal	331964	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402375852	276001402375852	Corry	831650	2004	Cruyff	Dracula	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012137878	276001012137878	Corsar	133330	1992	Cleitus	Pete	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000343306680	276000343306680	Corsar ET	840418	1998	Corsaro	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000344897758	276000344897758	Corse	810738	1999	Corsaro	Southwind	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000344997775	276000344997775	Corun	810770	1999	Corsaro	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352344519	276000352344519	Corvinus	472035	2008	Calypso	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535362570	276000535362570	Cosimo	804193	2008	Calypso	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500747676	276001500747676	Cosinus	821471	2003	Champion	Balance ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347230697	276000347230697	Cosmos	802519	2001	Copper	Megabuck	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000358047754	276000358047754	Cosmos	796510	2015	Commander	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000114004669	276000114004669	Costall	672143	2003	Boss Iron	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002235273558	250002235273558	Coucou	822269	2007	Bolton	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLNLDM000275943785	528000275943785	Countdown	564100	2000	Convincer	Emory	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000370975270	528000370975270	Coupe	831544	2003	Courier	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767813267	276000767813267	Courage	564782	2001	Convincer	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000110199291	276000110199291	Cousin	592716	1995	Clor	Vis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662206461	276000662206461	Cousin	831577	2003	Cousteau	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000352705147	528000352705147	Couval	831576	2003	Courier	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115371315	276000115371315	Cover	831891	2005	Colby-Red	Mingo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578412452	276000578412452	Cover	668607	1998	Corky	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000770188609	276000770188609	Cover	682090	2015	Commander	Supersire	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000813275702	276000813275702	Cow	996299	2005	Colby-Red	Rainbow	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000946651343	276000946651343	Cox P	262474	2012	Colt-P	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000534926057	276000534926057	Crack	917148	2007	Classic PS	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000539782033	276000539782033	Cracker	684675	2017	Crackshot	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000769295690	276000769295690	Craft	678328	2010	Cricknet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001269135934	276001269135934	Cranford	810332	1994	Chesapeake	Secret	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000134361785	840000134361785	Crave	505484	2003	Brant	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLGBRM000000644519	826933251519142	Creative	822374	2009	Ashlar	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813449481	276000813449481	Crema	764397	2006	Crest	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM0000570574455	528000570574455	Creolo	804273	2010	Cricknet	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLDEUM0000813291116	276000813291116	Creshal	764171	2006	Crest	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLNLDM000486747002	528000486747002	Crickly	922981	2007	Classic PS	Lee	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345534274	276000345534274	Crispin	459818	2000	Convincer	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000690648166	528000690648166	Crispy	677669	2010	Cricknet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579530260	276000579530260	Crivitz	327477	2002	Cello	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343641517	276000343641517	Crocket	457013	1998	Cash	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000664134234	276000664134234	Crocket	619020	2011	Crocket	Shottle	H1P	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001500706525	276001500706525	Crocket	821381	2002	Cevis	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342378462	276000342378462	Cromwell	810647	1998	Cash	Vanguard	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000350437616	276000350437616	Crosby	922919	2007	Classic PS	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000769767226	276000769767226	Crossing	679304	2011	Crown	Bolton	H1N	H2N	H3P	H4N	H5N	CDN	RWW	CD Gentest
01	HOLCANM000012652350	124000012652350	Crucial	508612	2016	Jett	Mogul	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLDEUM000535361861	276000535361861	Crunch	926885	2008	Carmano	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000223788538	528000223788538	Cruyff	830605	1998	Corky	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000769952221	276000769952221	Crypton	759152	2014	Capple P	Asterix	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLDEUM000662206413	276000662206413	Crysler	810961	2003	Champion	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000351036870	276000351036870	Cugar	926886	2008	Cole	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134839509	840000134839509	Culver	505574	2003	Magna	Orion	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000534849232	276000534849232	Cumulus	597776	2007	Classic PS	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000353243449	276000353243449	Cuno	149913	2010	Curtis	Jerudo	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000355542444	276000355542444	Cup Red P	477505	2012	Colt-P	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000816120207	276000816120207	Cuper	767900	2015	Commander	Supersire	H1F	H2N	H3F	H4F	H5N	CDN	RBW	CD Gentest
02	HOLDEUM000121523546	276000121523546	Cupid P	587523	2015	Citation P	Snowman	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDEUM001601690167	276001601690167	Curacur	821495	2003	Champion	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000814367965	276000814367965	Curblick	996873	2010	Curtis	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLFRAM001405205562	250001405205562	Curling	917395	2010	Curtis	Canvas	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
01	HOLUSAM000064788385	840000064788385	Current	675521	2007	Jet Stream	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RWW	
01	HOLDEUM000942950905	276000942950905	Currystar	795316	2008	Champion	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
02	HOLDEUM000352340187	276000352340187	Custer	917328	2009	Curtis	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
01	HOLDEUM000358410634	276000358410634	Custos	823164	2015	Commander	Epic	H1F	H2N	H3F	H4F	H5N	CDN	RA	CD Gentest
01	HOLDEUM000662956865	276000662956865	Cutex	840919	2008	Cutler	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLCANM000012208550	124000012208550	Cutter	508180	2015	AltaSpring	Bombero	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLUSAM000136426022	840000136426022	Cutter-Red	297852	2005	Talent2	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000354740190	276000354740190	Cyber	475447	2011	Crocket	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347448870	276000347448870	Cymball	670666	2001	Ubbo	Trailor	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
01	HOLUSAM000061855118	840000061855118	Cynder	505716	2004	Titanic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000358774639	276000358774639	Cyran	823179	2015	Cinema	Beart	H1F	H2N	H3F	H4F	H5N	CDN	RA	CD Gentest
02	HOLDEUM000353148409	276000353148409	Cyrano	917319	2009	Curtis	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000661471582	276000661471582	Cyrano	810775	1999	Convincer	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666847135	276000666847135	Cyrano	619145	2015	Cinema	Shotglass	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
02	HOLNLDM000921269522	528000921269522	Cyril RedP	476900	2012	Colt-P	Destry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000114577618	276000114577618	Cyryll	565942	2004	Champion	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLAUTM000986526817	040000986526817	Cyrus	802518	2009	Captain	Champion	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000579325851	276000579325851	Cäsar	802518	2001	Cello	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000579275471	276000579275471	DRH Basta	915902	2001	Ranger Red	Kom Leader	H1P	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000767897715	276000767897715	DRH Bora	915963	2001	Cadon	Blackredrf	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000535829745	276000535829745	DRH Carma	917301	2009	Caribic	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000580014196	276000580014196	DRH Colon	916947	2004	Colby-Red	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000580668713	276000580668713	DRH Liana	917095	2006	Lichtblick	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000580448977	276000580448977	DRH Liru	917092	2006	Lichtblick	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000580528396	276000580528396	DRH Luini	917024	2005	Ludox	Lentini RF	H1P	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000579542545	276000579542545	DRH Pan	916953	2003	Paradox	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000580108500	276000580108500	DRH Rocca	917054	2005	Royalist	Maxximo	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000580564979	276000580564979	DRH Rolig	917073	2005	Royalist	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
02	HOLDEUM000579328652	276000579328652	DRK Bared	915766	2001	Cared	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RWW	
01	HOLITAM098500235803	380098500235803	DS Enolo	831513	2003	Encore	Grand ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLITAM098500220248	380098500220248	DS Rudolfo	831512	2003	Rubens RF	Grand ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM098500179941	380098500179941	DS Stolz	831288	2002	Storm	Grand ET	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000113599180	276000113599180	DaCapo	565352	2002	Dutch Boy	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000342065594	276000342065594	Dacapo	414940	1997	Design	Belmont	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015289478	276001015289478	Dacapo	820310	1995	Dominator	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000767437927	528000767437927	Dachs	151579	2013	Doorman	Snowman	H1N	H2N	H3P	H4N	H5P	CDF	VOST	CD Gentest
02	HOLDEUM000355362737	276000355362737	Dack P	476164	2011	Durham Red	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000696353235	528000696353235	Dacor	151535	2012	Danillo	Planet	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000120611435	276000120611435	Dacoro	588020	2012	Dertour	Fidelity	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLNLDM000527080327	528000527080327	Dada	676830	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000134325763	840000134325763	Dadano P	671490	2003	Dane	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000661632506	276000661632506	Daemon	831126	2001	Del Glen	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021508090	276001021508090	Daemon	398030	1995	Dominator	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578906204	276000578906204	Dag	915291	1999	Dakota	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353736316	276000353736316	Dagilo	811367	2010	Damion	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001404626205	276001404626205	Dagobert P	499018	2013	Daddy	Mitey P	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLFRAM001442242081	250001442242081	Dagret	570406	2011	Garret	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000449373257	528000449373257	Daquiri	832073	2006	Damion	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000712189123	056000712189123	Dairy P	917587	2015	Debutant	Titanium	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001270467913	276001270467913	Dakapo	804140	2007	Dolman	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000812160354	276000812160354	Dakas	762260	2001	Dante	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000476606887	528000476606887	Dakila	832072	2006	Damion	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000947380146	276000947380146	Dakito Red	477180	2012	Dakker	Alando Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUTM000869129311	040000869129311	Dakota	830645	1998	Design	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000008927474	124000008927474	Dakota	503951	2007	Bolton	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401317371	276001401317371	Dallas	831057	2000	Dowin	Clown	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001603502801	276001603502801	Dallas	619116	2014	Defender	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000537553288	276000537553288	Dalman	917525	2013	Dakker	Jerudo	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000536993829	276000536993829	Dalton	262399	2012	Danillo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000579714390	276000579714390	Daman	672238	2003	Dane	Design	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000228288639	528000228288639	Damaris	501721	1999	Basar	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM001403195310	276001403195310	Damaro	832150	2007	Damion	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537522555	276000537522555	Damast RF	679889	2012	Dakker	Destry	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663284066	276000663284066	Damgo	636764	2009	Damion	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351665024	276000351665024	Damilo	469559	2007	Duplex	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404580581	276001404580581	Damonti	833213	2016	Damaris	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000811570167	276000811570167	Dan	761511	1999	Danon	Mansee	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000133198924	840000133198924	Dan	505510	2002	Marshall	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000359677317	528000359677317	Danas	463047	2003	Daan	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000666207147	276000666207147	Dancon	924713	2012	Dertour	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM002261528773	276002261528773	Dancy	830312	1995	Dannix	Ugela Bell	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000353530735	528000353530735	Dandelo	916712	2002	Daan	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000132858887	840000132858887	Dandi	505424	2002	Abe	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000263905470	528000263905470	Dangast	326353	2000	Decision	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346878674	276000346878674	Danger	464105	2003	Derby	Contax	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135158128	840000135158128	Danial	505587	2003	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000430270468	528000430270468	Daniel	804065	2006	Dundee	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000538549257	276000538549257	Daniel GAP	499040	2014	Doorman	Planet	H1N	H2N	H3N	H4N	H5P	CDN	Goepel	
01	HOLNLDM000469567104	528000469567104	Danilo	804109	2007	Douglas	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000737101287	528000737101287	Danito RF	476169	2012	Danillo	Canvas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401362865	276001401362865	Danker	831255	2001	Dancy	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000250818	208005339701977	Dankert	822220	2006	Duplex	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000349472922	276000349472922	Danko	811014	2004	Dane	Design	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001304501440	276001304501440	Dante	823109	2013	Doorman	Snowman	H1N	H2N	H3N	H4N	H5P	CDN	RA	CD Gentest
01	HOLDNKM00000257731	208003372306619	Dante	811539	2014	Danno	Bynke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
02	HOLFRAM004934530864	250004934530864	Dante	151534	2012	Detox	Baxter 2	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLFRAM004241315171	250004241315171	Dante Rof	331817	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000721280145	528000721280145	Dantes	679578	2012	Danillo	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLITAM017500195427	380017500195427	Dantino	831353	2002	Dane	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344549756	276000344549756	Danton	254780	1999	Database	Juror	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001401938828	276001401938828	Dantus	831319	2002	Dancy	Pretin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000917155565	528000917155565	Dare	680103	2012	Danillo	Niagra	H1N	H2N	H3N	H4N	H5P	CDN	RUW	CD Gentest
01	HOLDEUM000116205537	276000116205537	Dari	568524	2007	Dolman	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFINM00000096418	246000010693840	Darino	811447	2012	Dempsey	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLFRAM002247872690	250002247872690	Darius	823043	2012	Danillo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLNLDM000449373163	528000449373163	Darius	804089	2006	Damion	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344022333	276000344022333	Dark Magic	455760	1999	Design	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000108045137	124000108045137	Darkman	917600	2013	Dakker	Infrarouge	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000357060646	276000357060646	Darkside	571892	2014	Defender	Man-O-Man	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLNLDM000437881250	528000437881250	Darkstar	635358	2006	Duplex	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000468209382	528000468209382	Darley	831837	2006	Damion	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCHEM120121465150	756120121465150	Darlingo	833192	2015	Doorman	Gold Chip	H1F	H2N	H3F	H4F	H5P	CDN	MAR	CD Gentest
01	HOLUSAM000136882259	840000136882259	Darnel	505924	2005	Shottle	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350766760	276000350766760	Darox	330511	2006	Damion	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000539564446	528000539564446	Dart	680221	2012	Danillo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLUSAM000072302311	840000072302311	Dartagnan	507264	2012	Sargeant	Domain	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOL840M003133120342	840003133120342	Darthvader	508379	2016	Jedi	Partyrock	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLFRAM0005801708647	250005801708647	Darty	822332	2008	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000064943760	840000064943760	Darvon	506235	2008	Mac	Marsh	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001403759081	276001403759081	Dascalos	832472	2009	Deejay Red	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000882493602	528000882493602	Dastin	804305	2012	Danillo	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
02	HOLDEUM000537823588	276000537823588	Databank	917523	2013	Dakker	Destry	H1N	H2P	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001303347504	276001303347504	Dave	804160	2008	Douglas	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350441200	276000350441200	Davidoff	330519	2006	Dolch	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000484629614	528000484629614	Davidos	471876	2008	Dolman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115528603	276000115528603	Davinci	468129	2006	Duplex	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001305384082	276001305384082	Davis	823196	2016	Dijon	Anton	H1F	H2N	H3F	H4F	H5N	CDN	RA	CD Gentest
01	HOLDEUM000356477983	276000356477983	Davos	262990	2013	Daddy	Freddie	H1N	H2P	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000946852222	276000946852222	Davos	792700	2012	Destry	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	CD Gentest
01	HOLNLDM000341651916	528000341651916	Davos	810911	2002	Dutch Boy	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000122523774	276000122523774	Davos PP	587535	2016	Deal-Red P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLUSAM000124003312	840000124003312	Dawson	505367	1998	Demand	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000667030580	276000667030580	Daxer	619166	2017	Damaris	Racer	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000351395949	276000351395949	Daydream	470282	2007	Durham	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLUSAM000134982355	840000134982355	Daydreamer	505612	2003	Champion	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354394017	276000354394017	Daylight	333495	2011	Docker	Marsh 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000385596699	528000385596699	Daylight	633777	2004	Breakout	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000354230346	276000354230346	Dayton	927191	2011	Destry	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115508272	276000115508272	Daytona	567461	2006	Delight	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLUSAM000134361749	840000134361749	Deacon ET	505483	2003	Magna	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000948918409	276000948918409	Deal	796200	2013	Denim	Bakombre	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
02	HOLNLDM000542967881	528000542967881	Deal P	917363	2010	Destry	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M003008315307	840003008315307	Deal me	822493	2011	Freddie	Elegant	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLNLDM000757315226	528000757315226	Deal-Red P	264064	2014	Debutant	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001401276721	276001401276721	Dealer	830928	1999	Decision	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112209795	276000112209795	Debora	563407	1998	Demand	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000532363404	528000532363404	Debutant	889142	2010	Alexander	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 94% Traegerwahrscheinlichkeit
02	HOLGBRM000000647172	826382702404479	Debutant-Red	924958	2009	Debonair	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000121923868	276000121923868	Debüt	587524	2015	Debutant	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000248201384	528000248201384	Decal	830868	1999	Decision	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002224586745	250002224586745	Decaster	830951	1999	Decision	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401470606	276001401470606	Decent	831001	2000	Decision	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000265547748	528000265547748	Dechamp	669307	1999	Decision	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000112187002	276000112187002	Decke	563079	1998	Demand	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000666869554	276000666869554	Declic	619148	2016	Dozer	Enforcer	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000356127094	276000356127094	Deco	335531	2013	Denim	Snowman	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000579903872	276000579903872	Deco	672922	2004	December	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000436004421	528000436004421	Decret	831866	2005	Delight	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017500195548	380017500195548	Dede	142297	2003	Derby	Patron	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000134733698	840000134733698	Dedicate	505551	2003	Brant	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349066687	276000349066687	Dee	671491	2002	Derby	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLFRAM004402987857	250004402987857	Deedle	917287	2008	Mr.Burns	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000358241676	276000358241676	Deep Red P	833130	2015	Debutant	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000537093101	276000537093101	Deepspace	917421	2011	Deedle	Tocar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349045924	276000349045924	Defacto	328527	2003	Derby	Odin ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000543415259	528000543415259	Defago Red	588679	2014	Fageno	Destry	H1P	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000537787910	276000537787910	Definitiv	917512	2012	Defoe	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001401470672	276001401470672	Deflektor	831016	2000	Decision	Idaard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536505996	276000536505996	Defoe	917390	2010	Demello	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768751820	276000768751820	Degall	675252	2007	Delight	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM019500057926	380009500057926	Degen	830944	1999	Decision	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578914003	276000578914003	Dehli	669705	2000	Decision	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000112353706	276000112353706	Deichvogt	595544	2001	Denny	Atlas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346921407	276000346921407	Deimos	810986	2003	Denir	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000355608750	276000355608750	Dejong	924709	2012	Dertour	Lion King	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000898807028	528000898807028	Dekade	917385	2010	Destry	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000358410679	276000358410679	Dekan-Red	264360	2015	Debutant	Elspe	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
02	HOLNLDM000757315219	528000757315219	Deko-Red P	264060	2014	Debutant	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001501255915	276001501255915	Delano	811549	2015	Defender	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000444511883	528000444511883	Delano	149930	2010	Destry	Jardin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001402815858	276001402815858	Delaware	831935	2005	Delight	Emil	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000112367509	276000112367509	Delay	595090	1999	Dakota	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000103473221	124000103473221	Delegate	297907	2006	Saito RF	Bacculum	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001402499370	276001402499370	Delft	831861	2005	Delight	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000008872198	124000008872198	Delgado	297882	2004	Avanti	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000357134584	276000357134584	Delight	264075	2014	Smurf	Cameron	H1N	H2N	H3P	H4N	H5N	CDF	Goepel	CD Gentest
01	HOLFRAM002930982002	250002930982002	Delight	830884	1999	Decision	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000539775955	276000539775955	Delio P	917572	2017	Deal-Red P	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001401124693	276001401124693	Delios	831237	2001	Delight	Clown	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061898076	840000061898076	Deliver 2	505689	2004	Titanic	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000061898120	840000061898120	Dell	505756	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061547537	840000061547537	Della	505680	2004	Titanic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLGBRM000000650450	826724206601461	Dellboy P	832557	2010	Moscow	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM0000465379271	528000465379271	Dellian	635204	2006	O-Man	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLAUTM0000869132711	040000869132711	Dello	830646	1998	Design	Izard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356264635	276000356264635	Delon	151560	2013	Denim	Atwood	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000136870577	840000136870577	Delpiero	330015	2005	Duce	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402618330	276001402618330	Delta	831799	2005	Delight	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354638352	276000354638352	Deltiano	475001	2011	Destry	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000136882008	840000136882008	Deluge	505926	2005	Mr.Sam	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500869902	276001500869902	Delura	822181	2006	Dundee	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000355140506	276000355140506	Deluxo	475542	2011	Detox	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLNLDM000744473148	528000744473148	Delvin	832555	2010	Destry	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001402618306	276001402618306	Demado	831791	2005	Delight	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401140298	276001401140298	Demagoge	830930	1999	Demand	Ilius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000103370554	124000103370554	Demand	503911	2005	Givenchy	Markim	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000344607808	276000344607808	Demander	669083	1999	Demand	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000357401776	276000357401776	Demario	833060	2014	Defender	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLFRAM002998012146	250002998012146	Dementi	840388	1998	Demand	Belt	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000532992972	276000532992972	Demeter	821182	1999	Demand	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578480136	276000578480136	Demindo	668988	1999	Demand	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401106624	276001401106624	Demir	830784	1998	Demand	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661275008	276000661275008	Demires	669366	1999	Dennis	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005598029443	250005598029443	Demo	830720	1998	Demand	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537197361	276000537197361	Demo RF	678910	2011	Destry	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLNLDM000934031206	528000934031206	Demol	151542	2012	Dempsey	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLCANM000102747021	124000102747021	Dempsey	673210	2005	Titanic	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000579255230	276000579255230	Den Haag	915649	2001	Desktop_RF	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM019500106679	380009500106679	Denar	830899	2000	Decision	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990415393	380019990415393	Denethor	832135	2007	Dolman	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002930982119	250002930982119	Denim	831044	2000	Dello	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001603574112	276001603574112	Deniro	619132	2015	Deyja	Número Uno	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
02	HOLDEUM000664218447	276000664218447	Dental	996793	2011	Destry	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RBW	CD Gentest
01	HOLUSAM000134278995	840000134278995	Denton	505508	2003	Derry	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349100382	276000349100382	Denver	142256	2003	Derby	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLLUXM000798820684	442000798820684	Denver-Red	261570	2010	Destry	September	H1N	H2N	H3N	H4N	H5N	CDN	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000064943690	840000064943690	Denzell	506170	2008	Mr.Burns	O-Man	H1N	H2P	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000064943740	840000064943740	Deon	506236	2008	Alino	Marsh	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402618425	276001402618425	Depart	831804	2005	Delight	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000359770974	276000359770974	Depolo P	924742	2016	Deko-Red P	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLBELM000110549935	056000110549935	Deputy P	823012	2011	Destry	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOL840M003010353030	840003010353030	Derano	507933	2014	Defender	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	CD Gentest
01	HOLDEUM000341353790	276000341353790	Derby	138805	1997	Design	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401803187	276001401803187	Derby	831228	2001	Delight	Ilius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578454122	276000578454122	Derice	810715	1999	Dennis	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000255696751	528000255696751	Derick	325677	1999	Dennis	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000120611414	276000120611414	Derivat	588017	2012	Dertour	Curtis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000348028148	276000348028148	Derivat	840653	2003	Derby	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000346349509	276000346349509	Derling	463021	2003	Derby	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402705138	276001402705138	Deros	831787	2005	Delight	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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01	HOL840M003137163755	840003137163755	Derrick P	508479	2016	Lighter	Supershot	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000342019700	276000342019700	Derrick	801023	1997	Design	Mandingo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001012213772	276001012213772	Derrick	135692	1994	Downson	Aerostar	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000813422414	276000813422414	Derrion	764045	2006	Duplex	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001601647745	276001601647745	Derrmory	840647	2003	Derry	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLNLDM000535216372	528000535216372	Dertour	599474	2010	Destry	Malvoy	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
02	HOLDEUM000537660163	276000537660163	Derwisch	917452	2012	Dertour	Fidelity	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000122382353	276000122382353	Desert Red	587513	2016	Defago Red	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000769963017	276000769963017	Design	263080	2013	Denim	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
02	HOLDEUM000120126862	276000120126862	Designer	599477	2011	Destry	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000578497771	276000578497771	Desilo	830807	1999	Demand	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000964489466	528000964489466	Desk	917337	2010	Destry	Gogo	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000921269173	528000921269173	Desmake P	804307	2012	Desk	Mitey P	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000537322726	276000537322726	Desmond	917480	2012	Desk	Malvoy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000341276759	276000341276759	Desmunt ET	840305	1997	Design	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000578747611	276000578747611	Despan	669524	1999	Demand	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000539446315	528000539446315	Despatch	917467	2012	Desk	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000240132909	528000240132909	Desperado	325755	1999	Dennis	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000357640648	276000357640648	Despino	588684	2014	Desmond	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001501045200	276001501045200	Dessau	823022	2011	ALH Duke	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLITAM019991136317	380019991136317	Destman	997951	2014	Destined	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000578217893	276000578217893	Desylv	668532	1998	Design	Sylvester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537627876	276000537627876	Detail	917520	2012	Desk	Malvoy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000661173955	276000661173955	Detari	631257	1999	Design	Tab	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122048858	276000122048858	Detective	571913	2015	Dolph	Chevrolet	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000114144057	276000114144057	Detmold	565909	2003	Derby	Juote	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000664101905	276000664101905	Detroit	923414	2010	Destry	Shottle	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
02	HOLDEUM000120751650	276000120751650	Deturis	588016	2012	Detox	Mr.Burns	H1N	H2P	H3N	H4N	H5P	CDF	RSH	CD Gentest
01	HOLDEUM000341610657	276000341610657	Deurer RF	414047	1996	Dominator	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536065955	276000536065955	Devan	917340	2009	Devil	Janos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537760007	276000537760007	Develop	917515	2013	Desk	Malvoy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000737950122	528000737950122	Dever	149939	2010	Destry	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001402950998	276001402950998	Devil	831953	2006	Delight	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000211005229	056000211005229	Devil Red	588044	2011	Detox	Carmano	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLNLDM000870130627	528000870130627	Devise	917518	2013	Dertour	Fidelity	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLUSAM000061757700	840000061757700	Devroe	505884	2005	Shottle	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358012272	276000358012272	Diablo	833094	2014	Defender	Epic	H1F	H2N	H3F	H4F	H5N	CDC	MAR	CD Gentest
02	HOLITAM004902101714	380004902101714	Diadem	922141	2001	Denny	Red Star	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349738166	276000349738166	Diakon	831813	2005	Delight	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349018371	276000349018371	Dialog	328045	2003	Derby	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000359824500	276000359824500	Dice Red	833243	2016	Diamondbac	Redburst	H1F	H2P	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLCANM000009498223	124000009498223	Dictater	503836	2004	Freelanze	Estimate	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000258637	208003372307212	Didavi	156551	2016	Doorsopen	Shotglass	H1F	H2N	H3F	H4F	H5P	CDF	VOST	CD Gentest
01	HOLDEUM000350692717	276000350692717	Didomo	468283	2006	Duplex	Formal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349738115	276000349738115	Diego	831796	2005	Delight	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000104522836	124000104522836	Digital RF	675032	2007	Bolton	Igniter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002216979398	250002216979398	Dijon	676467	2008	Baxter 2	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000142921713	840000142921713	Dijon	507684	2014	Balisto	Hero	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000423071962	528000423071962	Dilan	831815	2005	Dynasty	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357733765	276000357733765	Dimano	833096	2014	Defender	Gold Chip	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest

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01	HOLNLDM000933007446	528000933007446	Dimension	507565	2013	Chevrolet	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000347706897	276000347706897	Dimple	328521	2002	Derby	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403344488	276001403344488	Dinard	832407	2008	Dictator	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
02	HOLITAM019990450642	380019990450642	Diogene	917137	2007	Lichtblick	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001271377586	276001271377586	Diomedes	588025	2012	Dertour	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLUSAM000062125717	840000062125717	Dion	505773	2005	Duce	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000578480139	276000578480139	Dior	668974	1999	Diego	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402618140	276001402618140	Dior	831748	2004	Dynasty	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000360515077	276000360515077	Diplom Red	833320	2017	Devour RF	Atwood	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLUSAM000138551041	840000138551041	Diploma	297943	2007	Advent-Red	Roy	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOL840M003001030985	840003001030985	Diplomat	330540	2006	Duplex	Hershel	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000539638643	276000539638643	Direct PP	917569	2016	Deal-Red P	Label P	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000919743362	528000919743362	Direction	917531	2013	Direct	Man-O-Man	H1N	H2N	H3N	H4P	H5N	CDF	RUW	CD Gentest
01	HOLCANM000011219853	124000011219853	Director	823026	2011	Altalota	Alexander	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000343249805	276000343249805	Direkt	821104	1998	Demand	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350220136	276000350220136	Dirigent	145515	2006	Duplex	Calais	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349054906	276000349054906	Dirkstar	328219	2003	Derby	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347868225	276000347868225	Disalvo	328252	2002	Derby	lbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002934544535	250002934544535	Disanto	151598	2014	Doorman	Dempsey	H1N	H2N	H3N	H4N	H5P	CDF	VOST	CD Gentest
01	HOLNLDM000469567212	528000469567212	Discoboy	330877	2007	Duplex	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578480124	276000578480124	Ditex	668985	1999	Diego	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000207847039	840000207847039	Ditka	503804	2003	Morty	Winchester	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000354550499	276000354550499	Diver	927169	2011	Demello	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000359972175	276000359972175	Divo Red P	833229	2016	Deal-Red P	Label P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000664101915	276000664101915	Dixieland	923422	2010	Destry	Shottle	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
02	HOLUSAM000071695450	840000071695450	Dixn Red	298199	2012	Dakker	Destry	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
01	HOLDEUM000538464880	276000538464880	Dixon	833065	2014	Defender	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000120890348	276000120890348	Dixus	588029	2013	Dixieland	Ludox	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
02	HOLUSAM000141206183	840000141206183	Dizzy-Red	298128	2011	Durable	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000464609951	528000464609951	Djambo	832203	2007	Dolman	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000355932898	276000355932898	Django	927512	2013	Dakker	Goldday	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000949532710	276000949532710	Dobby	796470	2014	Dozz	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLFRAM0003704254037	250003704254037	Doburg	830833	1999	Demand	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000529028831	528000529028831	Docker	332041	2008	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000347515029	276000347515029	Dogan	327678	2002	Dolch	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401465490	276001401465490	Doge	831049	2000	Dowin	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015277585	276001015277585	Dogma	800923	1995	Dombinator	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401400208	276001401400208	Dogma	831004	2000	Dowin	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401468041	276001401468041	Dogold	831213	2001	Dowin	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533768282	276000533768282	Dohar	327785	2002	Dolch	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000484264408	528000484264408	Doktor	471532	2007	Dolman	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401938949	276001401938949	Dolan	831410	2003	Dowin	Makler	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663204010	276000663204010	Dolatus	840907	2007	Dolman	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLBELM0000957559999	056000957559999	Dolby	681198	2013	Doorman	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDN	AWE/RUW	
02	HOLDEUM000537356742	276000537356742	Dolce	917502	2012	Don Juan	Woody	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000340930144	276000340930144	Dolch	324912	1996	Dombinator	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351783243	276000351783243	Dolendo	470932	2007	Dolman	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000355893048	276000355893048	Dollar Red	477173	2012	Dakker	Destry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000341169053	276000341169053	Dollart	137715	1996	Dombinator	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401400221	276001401400221	Dolman	831037	2000	Dowin	Toni	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000662940412	276000662940412	Dolmus	840912	2007	Dolman	Modest	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401438569	276001401438569	Dolomit	831055	2000	Dowin	Fecamp	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401957491	276001401957491	Dolomit	633005	2002	Dowin	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401854189	276001401854189	Dolor	831424	2002	Dowin	Formation	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000108535233	124000108535233	Dolph	507451	2013	LiquidGold	Snowman	H1F	H2N	H3C	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000447955952	528000447955952	Doman	635201	2006	Duplex	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401643188	276001401643188	Dombert	831192	2001	Dominique	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662950637	276000662950637	Domblick	635527	2007	Duplex	Morty	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001404764414	276001404764414	Dombre	823108	2013	Doorman	Bakombre	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000121030305	276000121030305	Domgraf	588666	2013	Dakker	Jerudo	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001012309672	276001012309672	Domherr	561250	1995	Dombinator	Aerostar	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001501195357	276001501195357	Domiano	811286	2008	Donato	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM006114465944	250006114465944	Domice	822328	2008	Eleve	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000007300816	124000007300816	Dominic 3	503751	2001	Emerson	Formation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM005698211231	250005698211231	Dominiko	804299	2011	Doberman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000579888333	276000579888333	Domipoll P	672498	2004	Domino	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001013456888	276001013456888	Domky	800927	1995	Dombinator	Apache	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000534913397	276000534913397	Domus	917163	2007	Dominator	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001012346411	276001012346411	Don	136611	1995	Dombinator	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001301488179	276001301488179	Don	802522	2001	Donor	Bellwood	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM001401710037	276001401710037	Don	831159	2001	Dowin	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536741555	276000536741555	Don Juan	917370	2010	Durham Red	F B I	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000578982089	276000578982089	Donald	255599	2001	Dowin	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000116314597	276000116314597	Donat	804158	2008	Douglas	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000580498170	276000580498170	Donatelli	926895	2007	Dominator	September	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000353064450	276000353064450	Donatello	473387	2009	Debonair	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM012500017316	380012500017316	Donato	810918	2002	Dutch Boy	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000357897104	276000357897104	Donatus	151600	2014	Defender	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000769818181	276000769818181	Donatus	917471	2012	Don Juan	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000353538177	276000353538177	Doncello	832530	2010	Dotson	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401822698	276001401822698	Dong	831345	2002	Dowin	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115528602	276000115528602	Donker	144499	2006	Duplex	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000136285913	840000136285913	Donley	505879	2005	Marshall	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358965029	276000358965029	Donpepe	833168	2015	Dolph	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001404580554	276001404580554	Donut	833132	2015	Deyja	Mogul	H1F	H2N	H3F	H4F	H5N	CDN	MAR	
01	HOLDEUM000357479452	276000357479452	Dooley	833049	2014	Doorman	Supersonic	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM001015289477	276001015289477	Dorado	252353	1995	Dombinator	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001401465335	276001401465335	Dorado	831013	2000	Dowin	Aerostar	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLLUXM000998435057	44200998435057	Doradux	822002	2003	Dorado	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401659022	276001401659022	Dorant	831093	2000	Dowin	Fecamp	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001264422467	276001264422467	Dorca	823159	2015	Distinctio	Freddie	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000416079597	276000416079597	Doreno	833002	2013	Doorman	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000351827503	276000351827503	Dorfube	470931	2007	Dolman	Euro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303151972	276001303151972	Dorian	804157	2008	Douglas	Step	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000465035049	528000465035049	Dorian	822203	2006	Duplex	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344817524	276000344817524	Dorinell	326266	1999	Danon	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353808767	276000353808767	Dorino	261325	2010	Dotson	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000496361906	528000496361906	Dorkas	832230	2008	Dolman	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578386172	276000578386172	Dornum	326252	1999	Demand	Enehould	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401607508	276001401607508	Doro	831069	2000	Dowin	Elwillo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000271948724	528000271948724	Dorset	632045	2000	Gabe	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401124661	2760001401124661	Dost	831061	2000	Dowin	Curious ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001503818433	2760001503818433	Dotch	822436	2010	Dotson	Elegant	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000536844402	276000536844402	Dotray	678330	2010	Dotson	Frosty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402684577	2760001402684577	Double	831824	2005	Durham	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502369529	2760001502369529	Double	822020	2004	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000128792627	840000128792627	Doug	505099	1999	Jeff	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001301482028	2760001301482028	Douglas	801759	2000	Durham	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401659031	2760001401659031	Dover	831134	2001	Dowin	Limestone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538229358	276000538229358	Dover P RF	680957	2013	Dave P	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLFRAM005794006697	250005794006697	Dowin	830236	1994	Downson	Stan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000358040354	528000358040354	Downhill	832169	2007	Dolman	Finley	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000571956786	528000571956786	Downtown	833185	2016	Doorsopen	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLCANM000107400669	124000107400669	Dozz	507065	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000358192498	276000358192498	Drafi P	154215	2015	Drake	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000340323983	276000340323983	Dragon	398141	1995	Dombinator	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122048851	276000122048851	Dragoner	811565	2015	Dolph	Beacon	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000121240872	276000121240872	Dragster	571879	2014	Doorman	Billion 3	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000537808155	276000537808155	Drake	917519	2013	Dakker	Fidelity	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLNLDM000545145372	528000545145372	Drako P	811451	2012	Destry	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001402537012	2760001402537012	Drall	831705	2004	Durham	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353538175	276000353538175	Dravido	473897	2010	Dotson	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000356126945	276000356126945	Draxler P	960870	2012	Dancer Red	Garrett	H1P	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000538914918	276000538914918	Dreamboy	917588	2015	Debutant	Sympatico	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000137959501	840000137959501	Dreamboy	330539	2006	Duplex	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000539719247	276000539719247	Dreamer	917611	2017	Dreamboy	Go Now RF	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOL840M003012574873	840003012574873	Dreamshot	823120	2013	Shotglass	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000538152682	528000538152682	Dreamwood	476821	2011	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112590448	276000112590448	Dresden	595084	1999	Dakota	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000052774361	840000052774361	Dressman	822129	2005	Duce	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402930077	2760001402930077	Drogba	831984	2006	Dundee	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM00000661637	826167064400798	Drointon	832850	2013	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLFRAM001445852429	250001445852429	Druide	831809	2005	Dynasty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579336981	276000579336981	Duallito	670664	2001	Mitoto	Bonus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001273353901	2760001273353901	Duardo	811169	2007	Duplex	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000661796269	276000661796269	Dubai	632995	2002	Dutch Boy	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000337689369	528000337689369	Dubai	671053	2002	Dutch Boy	Ronald	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000351144023	276000351144023	Dubasso	832077	2006	Duplex	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000008556204	12400008556204	Dubby	670755	2002	Dutch Boy	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350945197	276000350945197	Dublin	259383	2007	Duplex	Igniter	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000812799070	276000812799070	Dublin	794610	2004	Durham	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001402294461	2760001402294461	Dublin	831635	2004	Durham	Charles ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000769794526	276000769794526	Dublin P	499042	2015	Drake	Asterix	H1N	H2N	H3N	H4N	H5N	CDF	Goepel	CD Gentest
01	HOLNLDM000447955945	528000447955945	Dublino	468994	2006	Duplex	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115585804	276000115585804	Dubosse	567449	2006	Duplex	Juote	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000129914651	840000129914651	Ducati	505170	2000	Bench-Eddi	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358911108	276000358911108	Ducati	156561	2016	Dolph	Sargeant	H1F	H2N	H3C	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001403125984	2760001403125984	Ducati	832052	2006	Dundee	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062125724	840000062125724	Ducato	673449	2005	Duce	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000136804938	840000136804938	Ducento	330017	2005	Duce	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLCANM000100745672	124000100745672	Duchamp RF	671975	2003	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000136668954	840000136668954	Duchin	505925	2005	Lancelot	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062106166	840000062106166	Duchray	673671	2005	Duce	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001403046067	276001403046067	Duchy	832000	2006	Durham	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000468209414	528000468209414	Duciano	832069	2006	Duplex	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000438266179	528000438266179	Duckstein	330083	2005	Delight	Breakout	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662124766	276000662124766	Duclaire	633225	2003	Dutch Boy	Patron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000382295344	528000382295344	Dudek	822052	2004	December	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402786047	276001402786047	Dudley	831788	2005	Durham	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580602198	276000580602198	Duero	811132	2006	Duplex	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768957492	276000768957492	Duett	470201	2006	Dundee	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579888313	276000579888313	Duffner	831567	2003	Durham	Nox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401704532	276001401704532	Duffy	831243	2001	Durham	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265493657	276001265493657	Dugal	811548	2015	Defender	Mayfield	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001402595490	276001402595490	Duglas	831685	2005	Durham	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000295614887	528000295614887	Dukan	831326	2002	Dutch Boy	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000538528643	276000538528643	Dukat P	917585	2015	Debutant	Ladd P	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000341038467	276000341038467	Duke	253323	1997	Design	Astre	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000358039864	528000358039864	Dulman	831888	2005	Duplex	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535062279	276000535062279	Dumas	259929	2007	Duplex	Modest	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000132800419	840000132800419	Dumenza	670826	2002	Dutch Boy	Cmv Mica	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000429860690	528000429860690	Dumond	674595	2006	Duplex	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001403392652	276001403392652	Dumpling	832213	2008	Dundee	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402834152	276001402834152	Dunai	831910	2006	Dundee	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000446572750	528000446572750	Dunamat	469537	2007	Duplex	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350739884	276000350739884	Dunar	145525	2006	Duplex	Champion	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402903474	276001402903474	Dunaro	831959	2006	Dundee	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062656579	840000062656579	Dunbar	675205	2007	Lou	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM001405290682	276001405290682	Dunboy Red	833281	2017	Drake-Red	Olympian	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000350857884	276000350857884	Duncan	259330	2007	Dundee	Durham	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLITAM017991219226	380017991219226	Duncan	804324	2012	Ironman	Planet	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLUSAM000135753350	840000135753350	Duncan	505702	2004	Titanic	Lantz	H1N	H2N	H3N	H4N	H5N	GDP	LTR	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000761010739	528000761010739	Duncan-Red	587526	2015	Debutant	Snow RF	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001402398371	276001402398371	Dundee	831557	2004	Durham	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135227497	840000135227497	Dune-ET	505651	2004	Throne	Dutch Boy	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000121086455	276000121086455	Dunhill	588663	2013	Don Juan	Destry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000399172636	528000399172636	Dunkal	831847	2005	Dundee	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115453183	276000115453183	Dunlo	567463	2006	Dundee	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000347285444	276000347285444	Dunox RF	327228	2001	Durham	Nox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000435166131	528000435166131	Duogold	822331	2008	Jelder	O-Man	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662789263	276000662789263	Dupio	840826	2006	Duplex	Stoneham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000813521596	276000813521596	Dupio	764398	2006	Duplex	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001602238619	276001602238619	Duplikat	840837	2006	Duplex	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000355546602	528000355546602	Duplor	831427	2002	Dustin	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662733956	276000662733956	Dupont	634899	2006	Duplex	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
02	HOLCANM000104207422	124000104207422	Dupree	917116	2006	Duchamp RF	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLESMP002702703677	724061106857431	Duquesa	832079	2006	Duplex	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579643681	276000579643681	Duracell	671170	2002	Dutch Boy	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349969396	276000349969396	Durad	764040	2006	Duplex	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000115126795	276000115126795	Durado	567401	2005	Dundee	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000350614860	276000350614860	Durak	804057	2006	Dundee	Gibson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401681012	276001401681012	Dural	831105	2000	Durham	Formation	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354251997	276000354251997	Duran P	261799	2010	Dusk	Lawn Boy	H1P	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351369952	276000351369952	Durani	811185	2007	Duplex	Design	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347764064	276000347764064	Durban	670994	2002	Dutch Boy	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000354581565	276000354581565	Durban	927322	2011	Durham Red	Zabing	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000353406806	276000353406806	Durby	406806	2009	Durham	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM001402375836	276001402375836	Durex	831600	2003	Durham	Merv	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM012500018929	380012500018929	Durlex	328395	2002	Dutch Boy	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000814714968	276000814714968	Durlight	996794	2011	Durham Red	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000370975496	528000370975496	Durman	831553	2003	Durham	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000126540309	840000126540309	Durmont	327433	2001	Durham	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000287613838	528000287613838	Duron	831350	2002	Dutch Boy	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402700635	276001402700635	Durson	831918	2005	Durman	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345302555	276000345302555	Durwood	761851	2000	Durham	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLESPM002702656347	724031106745842	Duscall	832078	2006	Duplex	Progress	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000638097	826200304501353	Dusk	832226	2008	Dundee	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134278865	840000134278865	Dustin	505509	2003	Stormatic	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135753341	840000135753341	Dustin 1	505722	2004	Titanic	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000438266667	528000438266667	Dutchland	635167	2006	Duplex	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000121922752	276000121922752	Dutchman	823166	2015	Deyja	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000533933316	276000533933316	Duty	831566	2004	Durham	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402618060	276001402618060	Duwack	831643	2004	Durham	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000120146984	276000120146984	Duxal	599500	2011	Destry	Elayo	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000357608400	276000357608400	Dylan	823142	2014	Doorman	Aftershock	H1F	H2N	H3F	H4F	H5P	CDC	RA	CD Gentest
01	HOLDEUM001402903911	276001402903911	Dylan	831937	2005	Dynasty	Dowin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000397280230	528000397280230	Dylan	258580	2005	Dynasty	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000423071544	528000423071544	Dyle	673740	2005	Dynasty	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000249243	208006257701679	Dymo	673218	2004	Dynasty	Sabre	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000375794276	528000375794276	Dynamic	831652	2004	Dynasty	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000050827858	840000050827858	Dynamite	505783	2004	Durham	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662791794	276000662791794	Dynamo	634570	2006	Dundee	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000002295808	840000002295808	Dynasty	820392	1995	Mandel	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000386139969	528000386139969	Dyston	831706	2004	Dynasty	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000664213060	276000664213060	E-Racer	924703	2011	Elburn	Talent2	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001402237051	276001402237051	EK-O Stash	831412	2003	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001402331120	276001402331120	EK-O Stuck	831514	2003	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533933278	276000533933278	EK-O Styl	831517	2003	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348613249	276000348613249	Eabster	763926	2005	Eaton	Webster	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000812894701	276000812894701	Eaburg	763453	2004	Eaton	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349238630	276000349238630	Eagan	673211	2004	Eaton	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000211251422	528000211251422	Eagle	501570	1998	Formation	Mascot	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000538239212	276000538239212	Eagle P	680947	2013	Earnhardt	Super	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000537994651	276000537994651	Earl P	478110	2013	Earnhardt	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356193781	276000356193781	Early P	680237	2013	Earnhardt	Observer	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000580423970	276000580423970	Earon	670334	2005	Eaton	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLBELM000747582419	056000747582419	Eartips	917269	2008	Carmano	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000416227231	528000416227231	East	840754	2004	Eaton	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000356293812	276000356293812	East P	680759	2013	Earnhardt	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000580239498	276000580239498	Eastcap	673214	2004	Eaton	Capri	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM00000249266	208003372302692	Eastman	840779	2005	Eaton	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000122525263	276000122525263	Eastwood	833209	2016	Eclair	Defender	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000348814699	276000348814699	Easy	465412	2004	Eaton	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356444144	276000356444144	Easy P	680951	2013	Earnhardt	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000352878649	276000352878649	Easyjet	840991	2009	Eleve	Lou	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000742677801	528000742677801	Ebano	811465	2012	Epic	Bogart	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLNLDM000423075469	528000423075469	Ebbe	634370	2005	Eaton	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000115875056	276000115875056	Eblee	568511	2007	Elegant	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000115783437	276000115783437	Ebnit	597782	2007	Elayo	Knirps	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM030000346609	380003000346609	Ebro	141456	2001	Emerson	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000112858992	276000112858992	Ecco	564714	2000	Emerson	Design	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001261166427	276001261166427	Ecco	810910	2002	Esar	Magnus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000358475760	276000358475760	Ecco PP	499056	2015	Eraser P	Epic	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
02	HOLNLDM000767550990	528000767550990	Ecco Red P	588696	2014	Esperado P	Ladd P	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000115676434	276000115676434	Echinit	567447	2006	Emil II	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351567893	276000351567893	Echo	148022	2008	Eleve	Ledor	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000114196402	276000114196402	Eckoron	565758	2002	Eminenz	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000347052039	276000347052039	Eckstein	327361	2001	Erdall	Vanguard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401938927	276001401938927	Ecky	831447	2002	Eskari	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001601648027	276001601648027	Economic	844886	2004	Encounter	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000258888	208002371402960	Economy	681819	2016	Eclair	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLGBRM0000000658827	826723519100131	Ecstasy	832634	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000115722274	276000115722274	Ecuador	145569	2007	Emil II	Storm	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000928042401	528000928042401	Ecuador	619074	2012	Edison	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000357200193	276000357200193	Ed Red PP	833031	2014	Esperado P	Laron P	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000110014835	276000110014835	Edam	562074	1996	Esquimau	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000115960020	276000115960020	Edberg	597796	2007	Elayo	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402158139	276001402158139	Eddi	838300	2002	Marshall	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113649030	276000113649030	Ede	821328	2001	Emerson	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113969776	276000113969776	Edekon	821400	2002	Eminenz	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001265076820	276001265076820	Edelmann	810914	2002	Eminenz	Clint	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000538189666	276000538189666	Edelmut	917535	2013	Ellmau	Sterngold	H1N	H2N	H3N	H4P	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000351777470	276000351777470	Edelstein	472192	2008	Elayo	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM0000000660073	826388380200034	Edept	832848	2012	Explode	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000296688782	528000296688782	Eder	632526	2001	PM Magic	Ronald	H1N	H2N	H3P	H4N	H5N	CDN	ZBH	
02	HOLDEUM000116205077	276000116205077	Edewin	599438	2008	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 88% Traegerwahrscheinlichkeit
02	HOLNLDM000732964919	528000732964919	Edge	587509	2015	Effort	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001271351492	276001271351492	Edino	811480	2013	Epic	Bowser	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001401956638	276001401956638	Editor	831378	2002	Encore	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000770405792	276000770405792	Edlock	833200	2016	Eclair	Enforcer	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001302894360	276001302894360	Edmilson	822218	2006	Emil	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001266799634	276001266799634	EdmondP RF	832616	2012	Explode	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000663140144	276000663140144	Edmonton	923103	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 87% Traegerwahrscheinlichkeit
01	HOLDEUM000579267535	276000579267535	Edmund	810958	2003	Eminenz	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000630836679	528000630836679	Edox Red	833156	2015	Effort	Freddie	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000387902502	528000387902502	Edrian	634615	2005	V Elo	Manat	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000538629919	276000538629919	Eduardo P	811540	2014	Earnhardt	Gulf	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLDEUM000580498163	276000580498163	Edway	597775	2007	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLCANM000101388716	124000101388716	Edwidge	297741	2002	Majesty	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001404441796	276001404441796	Efeus P RF	477179	2012	Epic	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000630836802	528000630836802	Effektiv	587528	2015	Effort	Freddie	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000538921512	276000538921512	Effizienz	917560	2015	Effort	Julandy	H1F	H2N	H3F	H4C	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000946768563	528000946768563	Effort	917530	2013	Ellmau	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000538910964	276000538910964	Efraim	917557	2015	Effort	Elburn	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDNKM000000251908	208005609301830	Egard	148012	2007	Encino	Jurmel ET	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLNLDM000757042557	528000757042557	Ego PP RDC	833072	2014	Esperado P	Lawn Boy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001301735046	276001301735046	Egon	802544	2001	Esar	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000341798850	276000341798850	Egrant	414682	1997	Esquimau	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM003704250056	250003704250056	Ehmsen	840764	2005	Eaton	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402930066	276001402930066	Eick	831948	2006	Encino	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577369898	276000577369898	Eico	801024	1997	Evreux	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348613248	276000348613248	Eidos	465959	2005	Eaton	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348033445	276000348033445	Eiko	463782	2003	Efendo	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768546818	276000768546818	Einar	329451	2005	Eaton	Lambda	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000340328167	276000340328167	Eindruck	398405	1996	Esquimau	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000340602734	276000340602734	Eindruck	324974	1996	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116122892	276000116122892	Einklang	471418	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000356333314	276000356333314	Eino	477774	2013	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000112776863	276000112776863	Einstein	564717	2001	Emerson	Notel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579516280	276000579516280	Einstein	810900	2002	Eminenz	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346810345	276000346810345	Eismann	463783	2003	Eminenz	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346618243	276000346618243	Eismeer	463045	2003	Esar	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351149994	276000351149994	Eisten	804130	2007	Elonko	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000348124736	276000348124736	Eiswind	633506	2003	Eminenz	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349411002	276000349411002	Ejus	143321	2003	Eland	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000142052077	840000142052077	Ekkel	507141	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116314594	276000116314594	Ekus	599407	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000534868646	276000534868646	El Lute	917164	2007	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353270882	276000353270882	El Paso	148593	2009	Eleve	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLCANM000011471404	124000011471404	El Toro	823048	2012	Epic	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000770417244	276000770417244	El Toro	917594	2017	Eloped Red	Racer	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000535096798	276000535096798	El Torro	917155	2007	Elayo	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000352534266	276000352534266	Elabell	927041	2008	Elayo	Rubens	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000663203991	276000663203991	Elacko	597788	2007	Elayo	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000769075723	276000769075723	Eladin	470612	2007	Elayo	Talent2	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLNLDM000943819332	528000943819332	Elaikan P	924740	2016	Kansas P	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000663196025	276000663196025	Elan	917241	2007	Elayo	Origin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116122896	276000116122896	Elando	599410	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000116022869	276000116022869	Elaskon	597795	2007	Elayo	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000480799300	528000480799300	Elate	917138	2007	Elayo	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578989280	276000578989280	Elatos	821222	2000	Emerson	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000663196029	276000663196029	Elatus	597789	2007	Elayo	Origin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000537093113	276000537093113	Elba P	917428	2011	Elburn	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000446135887	528000446135887	Elbanjo	149985	2011	Elburn	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000116205548	276000116205548	Elbe	599408	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000664064079	276000664064079	Elbing	149998	2011	Elburn	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402573440	276001402573440	Elbro	831631	2004	Eland	Lee	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000122029428	276000122029428	Elbrus	823165	2015	Extreme	Suran	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000347631553	276000347631553	Elburg	328042	2002	Eminenz	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000359507595	528000359507595	Elburn	636446	2008	Mr.Burns	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	ZBH	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351415915	276000351415915	Elco	331396	2008	Encino	Cooper	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351556864	276000351556864	Eldarit	148035	2008	Eleve	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000351721524	276000351721524	Eldey	832240	2008	Elayo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345875419	276000345875419	Eldino	460638	2001	Elmo	Luke	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534813878	276000534813878	Eldino	917255	2008	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000351668766	276000351668766	Eldorado	145578	2007	Elayo	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579136891	276000579136891	Eldorado	821264	2001	Elmo	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000813747783	276000813747783	Eldox	996585	2007	Elayo	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402997315	276001402997315	Eldrik	832055	2006	Encino	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000769053820	276000769053820	Election	917165	2007	Elayo	Talent2	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000537638034	276000537638034	Electron	476863	2012	Epic	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001270490002	276001270490002	Elegant	804145	2007	Emil	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348082509	276000348082509	Eleganz	463557	2003	Eminenz	Marty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535272118	276000535272118	Elektrix	917234	2007	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 88% Traegerwahrscheinlichkeit
02	HOLDEUM000942787741	276000942787741	Element	792640	2008	Elayo	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000535086804	276000535086804	Elenus	567486	2007	Encino	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000535766563	276000535766563	Elevar	677504	2009	Eleve	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000340530117	276000340530117	Eleve	800961	1996	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347277219	276000347277219	Eleve	142245	2002	Emerson	Storm	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000113404119	276000113404119	Elevekum	564950	2001	Emerson	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000536595688	276000536595688	Eleven	917414	2011	Elburn	Classic PS	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000943121111	276000943121111	Elevit	795300	2009	Eleve	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLDEUM000663364221	276000663364221	Elxier	822320	2008	Eleve	Banderas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000941565136	276000941565136	Elfing	917235	2007	Elayo	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348170539	276000348170539	Elfmeter	463856	2003	Efendo	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000468633118	528000468633118	Elgaro	832097	2007	Elegant	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000663190801	276000663190801	Elgib	923003	2007	Elayo	Gibson	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000663196028	276000663196028	Elgin	996438	2007	Elayo	Origin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLCANM000009666066	12400009666066	Elgor	926845	2007	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000251157	208003424202204	Elgreco	811187	2007	Emil II	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000120009177	276000120009177	Eliadi	599462	2009	Elayo	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000769075778	276000769075778	Eliano	811241	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347383887	276000347383887	Elias	831219	2001	Esar	Mason	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347520017	276000347520017	Elias	256747	2002	Eminenz	Storm	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579519980	276000579519980	Elidall	670914	2002	Lukas	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000252300	208004118101447	Elidan	832277	2008	Encino	Bob *CV	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001273407121	276001273407121	Elino	811289	2008	Eleve	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM001404947190	276001404947190	Elio Red P	833058	2014	Esperado P	Ladd P	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDNKM00000299807	208004534802130	Eliot	917146	2007	Elayo	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000663190803	276000663190803	Elisas	470866	2007	Elayo	Gibson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662151690	276000662151690	Elite	633809	2004	Emil	Storm	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLCANM000005940048	12400005940048	Elite Red	592207	1993	Ranger-Red	Starbuck	H1P	H2N	H3N	H4N	H5P	CDN	RSH	
02	HOLDEUM001403092110	276001403092110	Eliv	832109	2007	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM001303424745	276001303424745	Elxier	804186	2008	Elayo	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000354762405	276000354762405	Eljero	927170	2011	Elburn	Malvoy	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000768299670	276000768299670	Ellak	821399	2002	Eminenz	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403463900	276001403463900	Ellek	832217	2008	Elegant	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116122833	276000116122833	Ellent	996473	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000340969055	276000340969055	Elliott	810452	1996	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM00000250110	208003372302827	Ellis	831859	2005	V Elo	TVM Hesne	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000354165497	276000354165497	Ellmau	917425	2011	Elburn	Carmano	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537683429	276000537683429	Ellson	917528	2013	Ellmau	Fidelity	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDNKM000000251161	208005126001490	Ellund	145558	2007	Encino	Juote	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580694270	276000580694270	Elmänder	330970	2007	Encino	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001273219560	276001273219560	Elmar	802576	2002	Emil	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666075456	276000666075456	Elmario RF	619037	2011	Elburn	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
02	HOLDEUM000351328853	276000351328853	Elmax	996472	2007	Elayo	Maxximo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000238592906	276000238592906	Elmer	830743	1998	Elwillo	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115841461	276000115841461	Elmex	917212	2007	Elayo	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115841458	276000115841458	Elmore	597791	2007	Elayo	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113486147	276000113486147	Elmshorn	810942	2002	Eminenz	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000120428941	276000120428941	Elody	570437	2012	Epic	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
02	HOLDEUM000535272113	276000535272113	Elogo	917240	2007	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 88% Traegerwahrscheinlichkeit
02	HOLCANM000011872867	124000011872867	Eloped Red	298261	2014	Sympatico	Alchemy	H1N	H2N	H3P	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000579305520	276000579305520	Elor	632672	2001	Esar	Luke	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345863286	276000345863286	Elpaso	460683	2001	Elmo	Titan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402030700	276001402030700	Elpaso	831327	2002	Eland	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346064520	276000346064520	Elpito	460583	2001	Elmo	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402393747	276001402393747	Elpito	831641	2004	Eland	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535354314	276000535354314	Elram	332012	2008	Eleve	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661898160	276000661898160	Elron	462489	2002	Esar	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000341634289	528000341634289	Elroy	831218	2001	Eland	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000198596208	442000198596208	Elsass	145546	2006	Encino	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000115841504	276000115841504	Elsfleth	926813	2007	Elayo	Faber	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352902387	276000352902387	Elso	148501	2009	Eleve	Spy	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLNLDM000719183933	528000719183933	Elspe	917427	2011	Elburn	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000350976560	276000350976560	Elstar	330971	2007	Elonko	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351149983	276000351149983	Elstorm	331145	2007	Elonko	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402393802	276001402393802	Eltan	831745	2004	Eland	Skychief	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000662849449	276000662849449	Eltini	996406	2007	Elayo	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000116041143	276000116041143	Eltinix	599403	2008	Elayo	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402041024	276001402041024	Elto	831346	2002	Elation	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501197897	276001501197897	Elto	148098	2008	Eleve	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401970306	276001401970306	Eltoni	831317	2002	Esar	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000063563587	840000063563587	Eltor	330756	2006	Elegant	Garter	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115534979	276000115534979	Eltur	996699	2007	Elayo	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000116122786	276000116122786	Elubo	597787	2007	Elayo	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001303151784	276001303151784	Elute	804127	2007	Emil	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402041027	276001402041027	Eluto	831351	2002	Elation	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001305581113	276001305581113	Elux	823210	2017	Elbrus	Lobach	H1F	H2N	H3F	H4F	H5N	CDN	RA	CD Gentest
01	HOLDEUM000352878668	276000352878668	Elvan	260890	2009	Eleve	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000534600160	276000534600160	Elver	635168	2006	V Elo	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017990676827	380017990676827	Elvero	148521	2009	Eleve	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000351758268	276000351758268	Elvio-Red	259935	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353955026	276000353955026	Elvis	333303	2010	Eight	Maxwell II	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252737	208005603102429	Elvito	636294	2009	Eleve	Jordan 3	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000537116078	276000537116078	Elvivo RF	678909	2011	Evolve	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000116022844	276000116022844	Elwind	597784	2007	Elayo	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000429467307	528000429467307	Elwood	832198	2007	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000355080786	276000355080786	Elysee	262140	2011	Elvan	Stol Joc	H1N	H2N	H3N	H4P	H5N	CDN	OHG	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000535278572	276000535278572	Elysee	917243	2007	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000274368165	528000274368165	Email	632437	2000	Emerson	Terry	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000346173309	276000346173309	Emairo	462307	2002	Eminenz	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579267533	276000579267533	Emaldo	671361	2003	Eminenz	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001260917146	276001260917146	Emalo	811368	2010	Eminem	Emil II	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001401362480	276001401362480	Eman	831079	2000	Emerson	Lux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501680226	276001501680226	Eman	811487	2013	Emerald	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000533768274	276000533768274	Emanar	671150	2002	Eminenz	Slogan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001264219156	276001264219156	Emanek	811245	2008	Emil II	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000064943939	840000064943939	Emanzo	506272	2009	Laramee	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265168443	276001265168443	Emari	811125	2006	Emmett	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001500151154	276001500151154	Embajo	832060	2007	Emil	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347497471	276000347497471	Embassy	256666	2002	Emerson	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000347231320	276000347231320	Embo	831341	2002	Emerson	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579888240	276000579888240	Embody	671864	2003	Eminenz	T Klassy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114646994	276000114646994	Embolus	567404	2005	Emil	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000008209618	124000008209618	Embrun	503715	2000	Emerson	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000120525619	276000120525619	Embucu	570419	2011	End-Story	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000767986535	276000767986535	Embucu	670304	2001	Emerson	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000116122747	276000116122747	Emdaru	597783	2007	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350456955	276000350456955	Emden	145526	2006	Emil II	James	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000533438652	276000533438652	Emden	669902	2000	Emerson	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001270410846	276001270410846	Emdoro	804025	2005	Emil	Douglas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346830476	276000346830476	Emenz	462316	2002	Eminenz	Bips ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990049596	380020990049596	Emerich	802636	2004	Eminenz	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001501197677	276001501197677	Emerico	811229	2008	Emil II	Champion	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000116122720	276000116122720	Emerit	597777	2007	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000263010729	528000263010729	Emerit	821212	2000	Emerson	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401957424	276001401957424	Emeryson	831391	2002	Emerson	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348082470	276000348082470	Emico	840701	2003	Eminenz	Zack	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000252062	208004141201497	Emidio	832228	2007	Encino	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000353398652	528000353398652	Emidon	671551	2003	Eminenz	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000242889470	528000242889470	Emiel	563467	1999	Hondo Aero	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579810472	276000579810472	EmigrantRF	633424	2003	Eminenz	Roels	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000340717908	276000340717908	Emil	800955	1996	Esquimau	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000340306835	276000340306835	Emil II	398418	1995	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000292911026	528000292911026	Emil II	140098	2000	Emerson	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001500151709	276001500151709	Emilian	811232	2008	Emil II	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000534933497	276000534933497	Emilio	675896	2007	Emil II	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021272933	276001021272933	Emilio	810166	1992	Exranco	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001404302963	276001404302963	Emilio	804308	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000579516265	276000579516265	Emilius	810897	2002	Eminenz	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000811665630	276000811665630	Emindy	762015	2001	Emerson	Lindy	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001264135582	276001264135582	Eminem	810944	2002	Eminenz	Maloy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000340055654	276000340055654	Eminenz	810471	1996	Esquimau	Secret	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000251678	208002371401765	Eminio	832155	2007	Encino	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352642425	276000352642425	Emino	811333	2009	Eminem	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000113603589	276000113603589	Eminor	840617	2002	Eminenz	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001302473477	276001302473477	Emir	802673	2004	Emil	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000330728021	528000330728021	Emir	141469	2001	Emerson	Juror	H1N	H2N	H3N	H4N	H5N	CDN	VOST	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000358561165	276000358561165	Emir P	499076	2016	Eloped Red	Mogul	H1F	H2N	H3C	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000666506571	276000666506571	Emirat	639384	2014	Epochal	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001401704445	276001401704445	Emiro	831211	2001	Emerson	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350330424	276000350330424	Emix	468186	2006	Emmett	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348088077	276000348088077	Emja	464102	2003	Eminenz	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249247	208003424201859	Emkas	673341	2005	Emil	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001302894355	276001302894355	Emken	804077	2006	Emmett	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348082169	276000348082169	Emlac ALL	671867	2003	Eminenz	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401973340	276001401973340	Emmerich	831406	2002	Eminenz	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402947835	276001402947835	Emmers	831939	2006	Emmett	Jesco	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346334501	276000346334501	Emmo	840586	2001	Emerson	Design	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000811704239	276000811704239	Emnick	761701	2000	Emerson	Nick	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348983776	276000348983776	Emnos	468187	2006	Emmett	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359824822	276000359824822	Emoji	833250	2017	Exactly	Montross	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579810468	276000579810468	Emol	671870	2003	Eminenz	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000357369736	276000357369736	Emotion	151591	2014	Embassy	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001303432181	276001303432181	Emotion	804200	2008	Emil	Leif	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOL840M0003137164748	840003137164748	Emperor	508382	2016	Jedi	Day	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000346609907	276000346609907	Empfang	462315	2002	Eminenz	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265098996	276001265098996	Empinio	810945	2003	Eminenz	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347953818	276000347953818	Empire	256606	2002	Eminenz	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000666140780	276000666140780	Empire	823060	2012	Epic	Legend	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLBELM000858534379	056000858534379	Empoll	917571	2017	Apoll P	Label P	H1F	H2N	H3F	H4F	H5N	CDF	RUW/AWE	CD Gentest
01	HOLDEUM001302654982	276001302654982	Empor	804047	2006	Emil	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000249263	208003001001495	Emporio	634174	2004	V Elo	Addison	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000533373798	276000533373798	Emrico	670063	2000	Emerson	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000933563608	276000933563608	Emrud	791980	2001	Emerson	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
02	HOLDEUM001404947196	276001404947196	Ems Red PP	833057	2014	Esperado P	Ladd P	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580482670	276000580482670	Emsig	804128	2007	Emil	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345949304	276000345949304	Emtoro	460861	2001	Emerson	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401822729	276001401822729	Emus	831339	2002	Emerson	Choice ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768156531	276000768156531	Emus RF	671261	2002	Eminenz	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000469989098	528000469989098	Enano	917239	2007	Elayo	Persia-Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401400173	276001401400173	Enaro	831032	2000	Encore	Chesapeake	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403195152	276001403195152	Encento	832083	2007	Encino	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLITAM028990149113	380028990149113	Enchilada	917226	2007	Elayo	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812669776	276000812669776	Enco	762336	2003	Encore	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM0000098729959	442000098729959	Enconeme	840936	2008	Encino	Morty	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401419663	276001401419663	Endar	831122	2001	Encore	Choice ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534892583	276000534892583	Endear	675533	2007	Encino	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001501705778	276001501705778	Endeavor	823065	2012	End-Story	Darty	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000251471	208004570601858	Endeavour	675611	2007	Emil II	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662670120	276000662670120	Enderas	635210	2006	Encino	Banderas	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500162310	276001500162310	Enders	831502	2003	Encore	Uphold	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000716349479	528000716349479	Enders	924736	2015	Effort	Mayfield	H1F	H2N	H3C	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000350685353	276000350685353	Endino	258910	2006	Encino	Best	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001401467648	276001401467648	Endler	831354	2002	Encore	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535096753	276000535096753	Endor	676024	2008	Encino	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579178049	276000579178049	Endorf	821262	2001	Emerson	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000255819	208004534803641	Endres	823042	2012	Epic	Massey	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401606311	276001401606311	Endrik	831190	2001	Encore	Basalt ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000251156	208003001001595	Endrik	804120	2007	Encino	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534651778	276000534651778	Endris	675264	2007	Encino	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000180549001	528000180549001	Enduro	820433	1996	Esquimau	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500101284	276001500101284	Eneby	832246	2007	Encino	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000340365279	276000340365279	Enemy	398413	1995	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000071224518	056000071224518	Enercon	328332	2003	Eminenz	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401803472	276001401803472	Energo	831231	2001	Eland	Starbuck	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000580261782	276000580261782	Energy	257617	2004	Eaton	Jurmel ET	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLCANM000011696813	124000011696813	Energy P	507450	2013	Earnhardt	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401465504	276001401465504	Enfant	831041	2000	Encore	Aerostar	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001402232692	276001402232692	Enforcer	831509	2003	Encore	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350597972	276000350597972	Enfree	259008	2006	Encino	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350558919	276000350558919	Enga	764127	2006	Encino	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000249245	208003372302573	Engart	329562	2004	V Elo	Garter	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020500269414	380020500269414	Engelbert	810954	2003	Eminenz	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000351673570	276000351673570	Engelhard	471614	2008	Eleve	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535272101	276000535272101	Engine	675680	2007	Encino	Freelanze	H1N	H2P	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346427245	276000346427245	Enhard	462311	2002	Eminenz	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017990520316	380017990520316	Enigma	832151	2007	Encino	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345199714	276000345199714	Enjoy	326765	2000	Emerson	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347477503	276000347477503	Enjoy	256022	2001	Esar	Cmv Mica	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000346795582	276000346795582	Enkus	464146	2003	Encore	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000399978281	528000399978281	Ennio	634367	2005	Eaton	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001303117940	276001303117940	Enno	804132	2007	Emil	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113140063	276000113140063	Enos	831114	2000	Encore	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003131668835	840003131668835	Enrapture	508245	2015	Profit	Supersire	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000347425068	276000347425068	Enrique	831217	2001	Encore	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767930109	276000767930109	Enro	747967	2001	Encore	Astrojet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000251898	208004109203686	Enroy	331354	2007	Encino	Ford	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000265698022	528000265698022	Ensing	821253	2000	Elmo	Esquimau	H1P	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000351665025	276000351665025	Entdecker	469560	2007	Elayo	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000974541183	276000974541183	Enter	794900	2006	Encino	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLCANM000010973659	124000010973659	Enterprise	822417	2010	Million	Shottle	H1N	H2P	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM00066869561	27600066869561	Enterprise	924739	2016	Entitle	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000355651072	276000355651072	Envoy	476852	2012	Epic	Alexander	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000345949307	276000345949307	Enwito	831233	2001	Encore	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345736915	276000345736915	Enzian	459994	2000	Emerson	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346795583	276000346795583	Enzian	802597	2003	Encore	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355203395	276000355203395	Enzian	151527	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
01	HOLDEUM001401455685	276001401455685	Enzian	831048	2000	Encore	Christoph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534901479	276000534901479	Enzo	675261	2007	Encino	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000251531	208002371401767	Eomer	832132	2007	Encino	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000345418915	276000345418915	Eon	810846	2001	Emerson	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350475624	276000350475624	Eos	145501	2006	Emil II	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000120759554	276000120759554	Epax	796010	2012	Epic	Fibrax	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	CD Gentest
01	HOLDEUM000662670107	276000662670107	Epcos	330681	2006	Encino	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356118893	276000356118893	Epgart	334864	2012	Epic	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348025783	276000348025783	Epic	464106	2003	Efendo	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537453474	276000537453474	Epikur	680034	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001501679955	276001501679955	Epikur	811473	2012	Epic	Bogart	H1N	H2N	H3P	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000537453473	276000537453473	Epilog	680035	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000356333908	276000356333908	Epinal	262840	2012	Epic	Digger	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000666196686	276000666196686	Epinal	619071	2012	Epic	Planet	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLLUXM000998472996	442000998472996	Epinall	672525	2004	Eminenz	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000355222423	276000355222423	Epiro	477171	2012	Epic	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000345304005	276000345304005	Epistar	326891	2000	Epitome	Stardust	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355154384	276000355154384	Epitom	570431	2012	Epic	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLUSAM000125997117	840000125997117	Epitome	504962	1998	Skybuck	P. Elation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000898053575	528000898053575	Epke	832618	2012	Epic	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000346464269	276000346464269	Eplus	462482	2002	Eminenz	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000919516500	528000919516500	Epochal	679890	2012	Epic	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000355203392	276000355203392	Epoly P RF	619068	2012	Epic	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000537792649	276000537792649	Epos	680119	2012	Epic	Sanchez	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000947380101	276000947380101	Epos	795950	2012	Epic	Bowser	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLDEUM001504159514	276001504159514	Epos Red	587529	2017	Eloped Red	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLUSAM000071994204	840000071994204	Eppendorf	823051	2012	AltaAirnet	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000815566991	276000815566991	Eprysha	766929	2013	Epic	Digger	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000116142634	276000116142634	Epsie	597779	2007	Elayo	Kian	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768156527	276000768156527	Epsilon	565380	2002	Eminenz	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500163305	276001500163305	Epson	831478	2003	Encore	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537687952	276000537687952	Equal	680107	2012	Epic	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLCANM000104169797	124000104169797	Equinox	675430	2007	Encino	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001602308253	276001602308253	Eragon	840872	2007	Encino	Jurino	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLNLDM000765039529	528000765039529	Eragon	588047	2012	Elburn	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000867560215	528000867560215	Eragon	151544	2012	Epic	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001404832116	276001404832116	Eraldo PP	833034	2014	Esperado P	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000348827915	276000348827915	Eramin	634363	2005	Eaton	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLLUXM000298472994	442000298472994	Eranus	565945	2004	Eminenz	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000815983614	276000815983614	Erash P	767888	2015	Eraser P	Shamrock	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000578615629	276000578615629	Erasmus	297589	1999	Endicot RF	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346461788	276000346461788	Erbprinz	462085	2002	Eminenz	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113695722	276000113695722	Erbrecht	565375	2002	Enemy	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM001990700369	3800001990700369	Erdal	151553	2013	Epic	Man-O-Man	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000355849682	276000355849682	Erebos	476895	2012	Epic	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLFRAM003524785599	250003524785599	Eremias	822108	2005	Eaton	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402398367	276001402398367	Eremit	831607	2004	Emil	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352456461	276000352456461	Eric	148061	2008	Eleve	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356390413	276000356390413	Eric	823074	2012	Epic	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001603200878	276001603200878	Eric	499020	2013	Epic	Time	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000882812023	528000882812023	Erice	832630	2012	Explode	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000816120173	276000816120173	Erice PP	767800	2015	Eraser P	Maurice	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000351452905	276000351452905	Erima	330979	2007	Encino	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134232601	840000134232601	Erin ET	840658	2003	Garter	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000346319790	276000346319790	Erkan	810908	2002	Eminenz	Astre	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000662973073	276000662973073	Erkan	926812	2007	Elayo	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001405093232	276001405093232	Ermando P	833122	2015	Eraser P	Numero Uno	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000351528586	276000351528586	Ermland	917136	2007	Elayo	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346496125	276000346496125	Ernani	810917	2002	Esar	Black	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000344454756	276000344454756	Ernesto	460098	2000	Emerson	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000346853295	276000346853295	Ernold	463773	2003	Efendo	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000364405660	528000364405660	Erny	831438	2002	Esar	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000350806477	276000350806477	Eroberer	469829	2007	Elayo	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000946651346	276000946651346	Eroyal	476700	2012	Explode	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000947804419	276000947804419	Error	796190	2013	Erskine	Tiramisu	H1N	H2N	H3N	H4N	H5N	CDN	BVN	CD Gentest
01	HOLDNKM000000251285	208005614603033	Eruso	635604	2007	Encino	Outside	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000579768571	276000579768571	Erwartung	821384	2002	Eminenz	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000139026546	528000139026546	Erwin	137709	1996	Emory	Mascot	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM002261528777	276002261528777	Esar	830345	1995	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002997024470	250002997024470	Esatto	840350	1997	Esentation	Michael	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001500937054	276001500937054	Escape	822283	2007	Emil II	Zecher	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000251789	208003372303615	Escart	832176	2007	Encino	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	MAR	CD Gentest
02	HOLDEUM000666321943	276000666321943	Escoban	924714	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM001401943472	276001401943472	Escobar	831555	2003	Esar	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768952304	276000768952304	Escorial	811213	2007	Elayo	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000354516489	276000354516489	Escudero	678904	2011	Elburn	Tableau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000340531232	276000340531232	Escudo	830414	1996	Esquimau	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402986126	276001402986126	Eshton	832033	2006	Encino	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002995050728	250002995050728	Eskalation	840225	1995	Esquimau	Blackstar	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLFRAM004296007114	250004296007114	Eskari	830493	1996	Esquimau	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401822975	276001401822975	Eskarpin	831397	2002	Esar	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000341006070	276000341006070	Eskimo	667211	1996	Esquimau	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000177576661	528000177576661	Eskimo	136605	1996	Esquimau	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000744606054	528000744606054	Esko	804313	2012	Edison	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000348100193	276000348100193	Eskon	463855	2003	Esar	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLES PM003101530508	724071402092671	Eslava	505648	1999	Outside	Besne Buck	H1N	H2P	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM000345986255	276000345986255	Esmark	460681	2000	Emerson	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346223111	276000346223111	Esmond	461613	2002	Esar	Lieutenant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347383902	276000347383902	Eson	632599	2001	Esar	Mason	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000347425021	276000347425021	Esox	831205	2001	Esar	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579636553	276000579636553	Espace	831503	2003	Esar	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000947380063	276000947380063	Esperado P	476865	2012	Epic	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000346334509	276000346334509	Esperanza	670663	2001	Esar	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346496113	276000346496113	Espresso	461816	2002	Esar	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000340948403	276000340948403	Esprit	820362	1996	Esquimau	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666070557	276000666070557	Esprit	811455	2012	Explode	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002296001741	250002296001741	Esquin	840280	1996	Esquimau	Sammy	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000128239850	840000128239850	Esquire	505134	1999	Integrity	Broker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661683252	276000661683252	Essenz	831266	2001	Esar	Istar Aero	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355617711	276000355617711	Essex	619073	2012	Epic	Destry	H1N	H2N	H3N	H4N	H5P	CDN	Qnetics	CD Gentest
01	HOLNLDM000586947632	528000586947632	Essex	265555	2017	Esperanto	Filou RDC	H1F	H2N	H3F	H4F	H5N	CDN	OHG	CD Gentest
01	HOLNLDM000424408349	528000424408349	Estacado	811220	2007	Emil II	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000258853	208002371402958	Estador	833197	2016	Eclair	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000579940974	276000579940974	Estall	671836	2003	Riverland	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000934920643	276000934920643	Estate	821274	2001	Estimate	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813422451	276000813422451	Esther	764176	2006	Encino	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001300601434	276001300601434	Estor	831245	2001	Esar	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122629457	276000122629457	Estragon	573001	2017	Euclid	Penley	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDNKM000000251894	208005181403056	Estragon	331356	2007	Emil II	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000348709863	528000348709863	Estrella	916880	2003	Escape	Belltom RF	H1N	H2N	H3P	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401764353	276001401764353	Estrich	831323	2002	Esar	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000998729963	442000998729963	Esumo	568539	2008	Encino	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114710212	276000114710212	Ettall	566653	2004	Emil	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345615319	276000345615319	Etappe	460000	2000	Emerson	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249900	208003372302927	Etelko	840796	2005	Etlar TV	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348698938	276000348698938	Eternity	466678	2005	Encore	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346853294	276000346853294	Ethos	463772	2003	Efendo	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000390380874	528000390380874	Etincer	763600	2004	Eaton	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000388355606	528000388355606	Etoo	144401	2004	Eaton	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000255826	208004141202314	Etosha	151529	2012	Epic	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
02	HOLDEUM000351528589	276000351528589	Etusker	926776	2007	Elayo	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347962070	276000347962070	Ettall	671149	2002	Mtoto	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M003140616234	840003140616234	Ettrick	508609	2017	Apprentice	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000537159588	276000537159588	Eturien	917441	2011	Elburn	Carmano	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000539536462	276000539536462	Euclan	619171	2017	Euclid	Commander	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000346223120	276000346223120	Eufemio	461614	2002	Esar	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402217693	276001402217693	Euklid	831491	2003	Eskari	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579699660	276000579699660	Euklyt	633016	2002	Eminenz	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000664127352	276000664127352	Eumed	333301	2010	Elite	Juwel	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000251905	208005609301837	Euphrat	635606	2007	Encino	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112682489	276000112682489	Euro	460585	2000	Emerson	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351721554	276000351721554	Euromaster	470722	2007	Elayo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120858025	276000120858025	Eusebios	570433	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLFRAM007261003745	250007261003745	Evans	822431	2009	Planet	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDNKM000000256861	208002371402558	Evening	507494	2013	Supersire	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000114040253	276000114040253	Evenjo	565763	2003	Eminenz	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346473861	276000346473861	Event	462304	2002	Eminenz	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000917474648	528000917474648	Event PP	681813	2014	Esperado P	Colt-P	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000355605155	276000355605155	Evento	476896	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000349540406	276000349540406	Everest	257610	2004	Eaton	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000898053607	528000898053607	Everest	151536	2012	Epic	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLBELM000410626275	056000410626275	Evert	823001	2011	Altalota	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000178865793	528000178865793	Evert	136637	1996	Evreux	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000386222726	528000386222726	Evian	328980	2004	Eaton	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000010963256	124000010963256	Evolution	822416	2009	Sanchez	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000131213926	840000131213926	Evolution	462711	2000	Encore	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLLUXM000199171148	442000199171148	Evolution2	832625	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000815144902	276000815144902	Evor	766395	2011	Evolve	Gavor	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001603000762	276001603000762	Ewel	766888	2012	Epic	Juwel	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000537311671	276000537311671	Exakt	679457	2012	Expert	Laudan	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000768116177	276000768116177	Exakt	821315	2001	Encore	Astrojet	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000120554710	276000120554710	Examen	570439	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000661178999	276000661178999	Exboy	995686	1999	Expensive	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000132666080	840000132666080	Excalibur2	505345	2001	Eland	Mattie G	H1P	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000356703020	528000356703020	Excellent	831419	2002	Esar	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346338622	276000346338622	Excellenz	810907	2002	Eminenz	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001265146676	276001265146676	Exclusiv	810979	2003	Eminenz	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000765142182	528000765142182	Exclusive	680104	2012	Sunset	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000115831480	276000115831480	Exel	923002	2007	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 88% Traegerwahrscheinlichkeit
01	HOLFRAM002141060300	250002141060300	Exel Aum	333208	2009	Man-O-Man	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000116205557	276000116205557	Exeno	599421	2008	Elayo	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358462850	276000358462850	Exento	833142	2015	Extreme	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000871253297	528000871253297	Exeter	619072	2012	Ecoyne Isy	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000358660522	276000358660522	Exford	796700	2015	Extreme	Bedford	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLNLDM000383571067	528000383571067	Exogen	566624	2004	Durham	Encore	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000570574222	528000570574222	Exol	766007	2010	AltaExacte	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDNKM000000250115	208002371401659	Expander	831952	2006	V Excés	TVM Hesne	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404248944	276001404248944	Expect	476494	2012	Explode	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346320341	276000346320341	Expert	461827	2002	Eminenz	Altmann	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002223674535	250002223674535	Expert	677319	2009	Mickey	Marion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000355114417	276000355114417	Experte	334267	2011	Expert	Eleve	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537994730	276000537994730	Explizit	680240	2013	Epic	Bronco	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000357995972	276000357995972	Extremo	833146	2015	Extreme	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000351664070	528000351664070	Fa	916888	2003	Faber	Lava	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356384293	276000356384293	Fabedo	571863	2013	Fanatic	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000346335385	276000346335385	Fabello rf	462485	2002	Faber	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000340174036	276000340174036	Faber	912913	1996	Factor RF	Nick	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579953171	276000579953171	Fabex	671731	2003	Faber	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000346820984	276000346820984	Fabi	463113	2003	Faber	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000111794718	276000111794718	Fabian	594583	1998	Flano ET	Marty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349449162	276000349449162	Fabian	143358	2004	Freelanze	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000357060715	276000357060715	Fabiano	811505	2013	Fanatic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000358788500	528000358788500	Fabilo	922377	2003	Faber	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000102939825	124000102939825	Fabino	503907	2006	F B I	Allen	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001500682437	276001500682437	Fabio	810901	2002	Ford	Elwillo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000534868189	528000534868189	Fabono	599470	2010	Fiction	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402082948	276001402082948	Faborg	831531	2003	Fatasi	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354666059	276000354666059	Fabulon	334268	2011	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000770405808	276000770405808	Fabulus	811581	2016	Flattop	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000947954167	276000947954167	Facon	796160	2013	Fanatic	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
02	HOLDEUM000113547083	276000113547083	Fadelix	597121	2003	Faber	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLUSAM000002290146	840000002290146	Faehnrich	297385	1995	Factor RF	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000007355158	124000007355158	Faery	916515	2002	Faber	Monet Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000120551058	276000120551058	Fageno	588048	2012	Fidji	Ruacana	H1P	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000815804883	276000815804883	Fagomy	997962	2014	Fageno	Laron P	H1P	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000768125794	276000768125794	Fahil	916373	2002	Faber	Helix	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000133653841	840000133653841	Faible	916624	2002	Faber	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001504160649	276001504160649	Faible P	684973	2017	Federal	Mardi Gras	H1F	H2N	H3F	H4F	H5P	CDF	RUW	CD Gentest
02	HOLDEUM000934802208	276000934802208	Fairness	916374	2002	Faber	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM004241640371	250004241640371	Fakir	822464	2010	Man-O-Man	Baxter 2	H1N	H2N	H3P	H4N	H5N	CDN	RA	
02	HOLDEUM000579450806	276000579450806	Falada	916255	2001	Faber	Jubel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401973125	276001401973125	Falbe	831340	2002	Faber	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247430	208003424201685	Falbo	840675	2003	Falcao	V Brando	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350740771	276000350740771	Falcao	145541	2007	Fortune3	James	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356430468	276000356430468	Falco	804333	2013	Fanatic	Observer	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000113691741	276000113691741	Falcon	596269	2002	Faber	Cared	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000949046710	528000949046710	Falcone	588661	2013	Dakker	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000195101924	528000195101924	Faleen	667623	1997	Fatal	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000346499400	276000346499400	Falindo	463564	2003	Faber	Boliant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350740792	276000350740792	Falino	811172	2007	Fortune3	James	H1P	H2N	H3N	H4N	H5N	CDN	RBB	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401929499	276001401929499	Falke	831311	2002	Faber	Chesapeake	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402115394	276001402115394	Falkland	831465	2003	Falcao	Choice ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402115399	276001402115399	Falkner	831455	2003	Falcao	Choice ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000071699263	840000071699263	Fallon	811441	2012	Shamrock	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000358774672	276000358774672	Falstaff	833141	2015	Famous	Gold Chip	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDNKM00000254116	208004534802835	Falster	923412	2010	Fiction	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
02	HOLDEUM000815804858	276000815804858	Falto P	997939	2014	Fageno	Laron P	H1P	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000121218239	276000121218239	Famasio	571884	2013	Fanatic	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001402287312	276001402287312	Fambo	831507	2003	Falcao	Monza	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579442468	276000579442468	Fame	916365	2002	Faber	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000204654102	528000204654102	Famiel	668013	1997	Fatal	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLITAM098500179921	380098500179921	Famos	831344	2002	Faber	Talent R	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500150849	276001500150849	Famoso	811190	2007	Fortune3	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000355937068	276000355937068	Famous	263151	2013	Fanatic	Beacon	H1N	H2N	H3N	H4N	H5N	CDC	OHG	CD Gentest
01	HOLDEUM000347839860	276000347839860	Fan	802587	2003	Falcao	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401263519	276001401263519	Fan	830991	2000	Fred 2	Blackstar	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537810574	276000537810574	Fan P RDC	833000	2013	Fanatic	Ipod P	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000354812817	276000354812817	Fanatic	333925	2011	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000112131972	276000112131972	Fando	594680	1998	Flano ET	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402173967	276001402173967	Fandor	831482	2003	Falcao	Fred 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000348261918	276000348261918	Fanetto	466098	2004	Faber	Breeze	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000536376761	528000536376761	Fankramer	917396	2010	Fiction	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000948464822	276000948464822	Fanta	796220	2013	Fanatic	Bakombre	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM001402311701	276001402311701	Fantal	831610	2003	Falcao	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356229927	276000356229927	Fantano	796080	2013	Fanatic	Mitey P	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM001501449904	276001501449904	Fantasio	833008	2013	Fanatic	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLITAM001990718631	380001990718631	Fantast	151557	2013	Ferrari	Prince	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000579651244	276000579651244	Fantastic	462490	2002	Faber	Mario-Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000258201	208002371402833	Fantastic	682275	2015	Famous	Massey	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000356948596	276000356948596	Fantom	796140	2013	Fanatic	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000768113771	276000768113771	Fantom	810938	2002	Forbidden	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768623401	276000768623401	Faraday	633986	2004	Finley	Steven	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001601388356	276001601388356	Farald	840555	2001	Farmer	Bellwood	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000485609871	528000485609871	Faramir	832137	2007	Fortune3	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579168438	276000579168438	Farelli R	256290	2001	Faber	Caristo	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351764633	276000351764633	Farfan	822296	2008	Fortune3	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000360499854	528000360499854	Fario	463048	2003	Forbidden	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402387819	276001402387819	Farko	831793	2005	Famos	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000110750591	276000110750591	Faro	563008	1997	Fatal	Tab	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358665738	276000358665738	Faro	499084	2016	Flattop	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
02	HOLDEUM000113657937	276000113657937	Faromir	596291	2002	Faber	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579516253	276000579516253	Farpoli	916303	2001	Faber	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579176468	276000579176468	Fartugo	670913	2002	Faber	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346596411	276000346596411	Fasching	463046	2003	Forbidden	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352345400	276000352345400	Fasching	332017	2008	Folleto	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000102641218	124000102641218	Fascinator	297887	2005	Tribul	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000113658875	276000113658875	Fascinator	596297	2002	Faber	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000121389341	276000121389341	Fashion	796300	2014	Fageno	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLUSAM000136668338	840000136668338	Fashionman	505796	2005	September	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001400364979	276001400364979	Fatonis ET	840302	1996	Fatal	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000356552537	276000356552537	Faun	804344	2013	Fanatic	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000662437540	276000662437540	Faustus	840765	2005	Freelanze	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001262216608	276001262216608	Faustus	810898	2002	Ford	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLGBRM726652400394	826726652400394	Favorit	811443	2012	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000664193116	276000664193116	Favrin	619026	2011	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000113862925	276000113862925	Faystar	565791	2003	Forbidden	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000135553204	840000135553204	Fearless	505691	2004	Good	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000537953356	528000537953356	Fedor	804292	2011	Freddie	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000539463033	276000539463033	Feedback	684965	2017	Federal	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000358774577	276000358774577	Feeling	833191	2016	Flattop	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM00000248627	208004433402186	Fehmarn	329199	2004	Finley	Capri	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813824927	276000813824927	Feidoni	471420	2008	Fortune3	Talent2	H1P	H2N	H3N	H4P	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534698065	276000534698065	Feivel	832160	2007	Fortune3	Manager ET	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356983301	276000356983301	Felco	151570	2013	Fanatic	Atwood	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000812357775	276000812357775	Feldhoff	821344	2002	Ford	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000663196018	276000663196018	Feldwebel	470346	2007	Fortune3	Finley	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579323643	276000579323643	Felipe	810896	2002	Faber	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLCANM00008785015	12400008785015	Felix	297776	2003	Jordan-Red	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000360208954	276000360208954	Felix	265150	2017	Federal	Montross	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000348606360	276000348606360	Fellos	466305	2005	Freelanze	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403082638	276001403082638	Felon	832008	2006	F B I	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346273875	276000346273875	Fels	462090	2002	Ford	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501857720	276001501857720	Fenchel	822474	2011	Freddie	Encino	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001305446251	276001305446251	Fendi	823203	2017	Phantom	Delta 1427	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000350806453	276000350806453	Fenec	832152	2007	Fortune3	Stormatic	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000298541278	528000298541278	Feragamo	915911	2001	Ferdi	Jubel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500522795	276001500522795	Ferchlipp	821143	1999	Fred 2	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000696536139	528000696536139	Ferdi	149919	2010	Fiction	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 97% Traegerwahrscheinlichkeit
01	HOLNLDM000368104297	528000368104297	Ferdin	566606	2004	Finley	Durham	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000356650078	276000356650078	Fergus	804338	2013	Fanatic	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001403082639	276001403082639	Ferguson	832007	2006	F B I	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402779845	276001402779845	Feriano	832016	2007	F B I	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355805633	276000355805633	Feridon	335328	2013	Fanatic	Boateng	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000350318080	276000350318080	Fermit	329875	2005	Freelanze	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356001186	276000356001186	Fernandez	335141	2013	Fanatic	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM033990030762	380033990030762	Fernandez	811025	2004	Finley	Proton-ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000355315264	276000355315264	Fernet	262949	2013	Ferrari	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000810995104	276000810995104	Ferrara	761206	1998	Fatal	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000769602080	276000769602080	Ferrari	678525	2011	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000345436711	528000345436711	Ferres	916472	2002	Ferdi	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000136055932	840000136055932	Ferric Red	297826	2004	Persia-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000722777802	528000722777802	Ferris	832595	2011	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350966411	276000350966411	Ferro	145548	2007	Fortune3	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000357496954	276000357496954	Ferro	154217	2015	Fergus	Snowboard	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000358162479	276000358162479	Festival	833120	2015	Alta1 Stcla	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579178066	276000579178066	Festivo	632372	2001	Festival	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000114151904	276000114151904	Feuerbach	596544	2002	Finn	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116205515	276000116205515	Feuerland	471192	2007	Fortune3	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350395006	276000350395006	Feuerstein	469443	2007	Fortune3	Lee	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113668271	276000113668271	Feuertanz	821337	2002	Ford	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM00000246574	208003001001361	Fewil	565310	2002	Ford	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM002929952610	250002929952610	Feydo	677777	2010	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM00113341873	276000113341873	Fiasko	596204	2001	Ferdi	Solhil	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662324511	276000662324511	Fibo	633771	2004	Finley	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000538980944	528000538980944	Fideel RF	678320	2010	Fidelity	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000661728285	276000661728285	Fidelio	461439	2001	Faber	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000945133279	276000945133279	Fidelio	795570	2010	Fidelity	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	CD Gentest
02	HOLDEUM000354251806	276000354251806	Fidex	917383	2010	Fidelity	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579888341	276000579888341	Fidibus	672528	2004	Finley	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000487340213	528000487340213	Fidji	917270	2008	Fiction	Canvas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001303818266	276001303818266	Fidorra	804256	2010	Focus	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLNLDM000370771508	528000370771508	Fiduck	831619	2004	Finley	Brett	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDNKM00000254235	208004534802834	Fiero	917351	2010	Fiction	Tocar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349537907	276000349537907	Fiesta	258105	2005	Freelanze	Formation	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLITAM017500281994	380017500281994	Fiete	802634	2004	Finley	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347438483	276000347438483	Figaro	143392	2004	Finley	Lee	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001303117931	276001303117931	Figaro	804131	2007	Final Cut	Morty	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000539689841	276000539689841	Fighter	684974	2017	Finder	Racer	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000359258686	276000359258686	Figo	156582	2017	Finder	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000579398616	276000579398616	Figo	328039	2002	Ford	Titan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000254118	208002371402110	Figo	637087	2010	Fibrax	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLNLDM000383629359	528000383629359	Figo	831653	2004	Freelanze	Juror	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLFRAM004464404311	250004464404311	Figuro	567437	2006	F B I	Dynasty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000372570705	528000372570705	Filbert	672711	2004	Finley	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000120583621	276000120583621	Filias	588011	2012	Fidji	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
02	HOLDEUM000536371804	276000536371804	Filigran	917360	2010	Fiction	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000587899271	528000587899271	Filippo	832532	2010	Fidelity	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000945564215	276000945564215	Filius	678326	2010	Fidelity	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000735921854	528000735921854	Fill-In	917381	2010	Fidelity	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579246477	276000579246477	Fillipo	821350	2002	Faber	Jeff	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000536847809	276000536847809	Filon	917388	2010	Fidelity	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000894813728	528000894813728	Filou	619168	2017	Finder	Brekem	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000356223753	276000356223753	Filou RDC	335418	2013	Fanatic	Elburn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000347580844	276000347580844	Filsum	327574	2002	Ford	Wells	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351171801	276000351171801	Filsum	145516	2006	Fortune3	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000719789445	528000719789445	Fimme	571885	2014	Anton	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000580082627	276000580082627	Finado RF	672232	2004	Finley	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351461131	276000351461131	Finalist	469452	2007	Final Cut	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539586620	276000539586620	Finalist	684689	2017	Finder	Missouri	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
02	HOLNLDM000389668194	528000389668194	Finca	917357	2010	Fidelity	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349297009	276000349297009	Findus	831620	2004	Finley	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539565829	276000539565829	Findus	684674	2017	Finder	Missouri	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDNKM00000248125	208004109203154	Findus	328781	2004	Finley	Steven	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000606244071	528000606244071	Findus	148589	2010	Fiction	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLCANM000101933624	124000101933624	Finelli	916894	2003	Majesty	Lentini RF	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001601867919	276001601867919	Finesse	633692	2004	Finley	Meadowlord	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000606025351	528000606025351	Finest	917334	2009	Fiction	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580285956	276000580285956	Finham	672950	2004	Finley	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000483811739	528000483811739	Finian	832162	2007	Fortune3	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000113095743	276000113095743	Finish	595677	2001	Ferdi	Mingo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000370771553	528000370771553	Finish	831562	2004	Finley	Brett	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000252730	208003372303980	Finito	332092	2008	Folletto	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348613296	276000348613296	Finjo	465240	2004	Finito	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCZEM000071035436	203000071035436	Finlaw	831552	2004	Finley	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534096713	276000534096713	Finly	672136	2003	Finley	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000349297000	276000349297000	Finn	143383	2003	Finley	Storm	H1P	H2N	H3N	H4N	H5N	CDP	VOST	CD 88% Traegerwahrscheinlichkeit
02	HOLDEUM000577222755	276000577222755	Finn	593072	1996	Factor RF	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662372916	276000662372916	Finn	831603	2004	Finley	Dennis	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000106447493	124000106447493	Fino	823037	2011	Facebook	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM001402158010	276001402158010	Fino	831366	2002	Finale Red	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM098990023290	380098990023290	Finto	763384	2004	Finley	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000254521	208002441201313	Finton	619027	2011	Freddie	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000349337541	276000349337541	Fintz	763262	2003	Fintz	Lantz	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662206480	276000662206480	Fiore	633704	2003	Finley	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000894813278	528000894813278	Fiore P	587532	2016	Deal-Red P	Rocky	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000348692977	276000348692977	Fioletto	465113	2004	Finley	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000599563400	442000599563400	Fioletto	572987	2017	Finder	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000536741619	276000536741619	Fips	917408	2011	Fidelity	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000840526478	528000840526478	Fire P RDC	833090	2014	Label P	Denim	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLBELM000010220998	056000010220998	Fire-Red	261858	2010	Fidelity	Lightning	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000122523997	276000122523997	Fireball	573005	2017	Federal	Penley	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000534096735	276000534096735	Fireball	328676	2004	Finley	Tanker	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLGBRM000000652300	826107247301514	Firefly	475007	2010	Fidelity	September	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000052357918	840000052357918	Firefox	328827	2003	Finley	Herald	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000063563671	840000063563671	Firejet	506062	2007	Jet Stream	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000121389344	276000121389344	Fireman	588672	2014	Fageno	Snowman	H1P	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLCANM000103782235	124000103782235	Fireside	917101	2006	Saito RF	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000430152623	528000430152623	Firewall	634571	2005	Freelanze	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534096737	276000534096737	Firmo	672198	2004	Finley	Tanker	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000360175030	276000360175030	First	264920	2017	Finder	Lexington	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000539638681	276000539638681	First	156572	2016	Finder	Racer	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000368104019	528000368104019	First	831539	2003	Finley	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357747030	276000357747030	Firstboy	833124	2015	Alta1Stcla	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000135920792	840000135920792	Firstclass	465669	2004	Morty	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536816934	276000536816934	Firstjoy	917410	2011	Fidelity	Woody	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000256830	208003372306173	Fisherman	619096	2013	Fanatic	Altalota	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000359843931	276000359843931	Fisko	823208	2017	Finder	Commander	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000534913371	276000534913371	Fitch	832159	2007	Fortune3	Riverland	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000769532551	276000769532551	Fitaler	917368	2010	Fidelity	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537623627	276000537623627	Fitness	917511	2012	Fill-In	Carmano	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLUSAM000137936371	840000137936371	FiveStar P	674580	2006	F B I	Mr.Ships	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000569163691	528000569163691	Fiwo	917377	2010	Fidelity	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000714486611	528000714486611	Fixit	156581	2017	Finder	Silver	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000536510167	276000536510167	Fixum	917348	2010	Fiction	Elayo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000256826	208003372306171	Flacon	151569	2013	Fanatic	Altalota	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001303151707	276001303151707	Flair	804117	2007	F B I	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM005112413158	250005112413158	Flamenco	328982	2004	Finley	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348404859	276000348404859	Flamingo	465651	2005	Freelanze	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112302008	276000112302008	Flamme	594873	1999	Flano ET	Tab	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000661160874	276000661160874	Flander	921758	1999	Flano ET	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000577909471	276000577909471	Flanis	914284	1998	Flano ET	Functional	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000108042358	124000108042358	Flash	823085	2013	Mogul	Observer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000122048948	276000122048948	Flatrate	572926	2016	Flattop	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000663204001	276000663204001	Flavio	832177	2007	Fortune3	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000664195148	276000664195148	Flavio	619034	2011	Freddie	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000816610764	276000816610764	Flavio	768300	2016	Flattop	President	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000770464377	276000770464377	Flavour	681818	2016	Flattop	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000487567829	528000487567829	Flavour	832190	2007	Fortune3	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000399172302	528000399172302	Flechter	566675	2005	Finley	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000252067	208005030601764	Flemming	804164	2008	Frosty	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349296999	276000349296999	Flessau	821482	2003	Finley	Storm	H1P	H2N	H3N	H4N	H5N	CDP	RA	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000348404870	276000348404870	Fletcher	465954	2005	Freelanze	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLFRAM002929952457	250002929952457	Fleurac	832056	2006	F B I	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578503487	276000578503487	Flian	914653	1999	Flano ET	Alpenking	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000122048950	276000122048950	Flicflac	833188	2016	Flattop	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000578747629	276000578747629	Flieger	915355	2000	Flint Red	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538431055	276000538431055	Flight	681115	2014	Flyn	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000346426587	276000346426587	Flint	810922	2002	Ford	Lupo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000113095730	276000113095730	Flirt	595672	2001	Ferdi	Red Star	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579017290	276000579017290	Flirt	915413	2000	Flip	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000479872715	528000479872715	Flitbar	832304	2007	Fortune3	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578678295	276000578678295	Floppy	915300	2000	Florenz	Sparta	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000738776062	528000738776062	Florident	472246	2009	Folletto	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348170569	276000348170569	Florentino	465107	2004	Freelanze	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538914312	276000538914312	Florenz	154225	2015	Alta1Stcla	Epic	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000660527895	276000660527895	Florenz	914101	1997	Flano ET	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348613295	276000348613295	Florenzo	465239	2004	Finito	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534650549	276000534650549	Flores	675268	2007	F B I	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000114414749	276000114414749	Florian	597342	2003	Jordan-Red	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000347861523	276000347861523	Florian	831418	2002	Forbidden	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355080799	276000355080799	Florida	795740	2011	Freddie	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001500161615	276001500161615	Florin	811089	2005	Freelanze	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000347339935	276000347339935	Floyd	926211	2001	Ferdi	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579521489	276000579521489	Focus	802594	2002	Forbidden	Prisma	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401822645	276001401822645	Focus	831287	2002	Forbidden	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000120026014	276000120026014	Fodulo	599473	2010	Fidelity	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000535290259	276000535290259	Fogress	764800	2008	Fortune3	Progress	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000347621923	276000347621923	Fokus	141444	2001	Ford	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLIRLM272004750742	372272004750742	Folami	804134	2007	Fortune3	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000812180202	276000812180202	Folee	762403	2002	Ford	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000664193119	276000664193119	Foliant	333795	2011	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350751771	276000350751771	Folk	145530	2007	Fortune3	Stormatic	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000347303743	276000347303743	Folker	802552	2001	Ford	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354202921	276000354202921	Folker	149929	2010	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001262218712	276001262218712	Folkert	831464	2003	Forbidden	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000246585	208004199601060	Folletto	671148	2002	Ford	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000418518656	528000418518656	Follett	634368	2005	Freelanze	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000252728	208003372303958	Follow	822333	2008	Folletto	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352491840	276000352491840	Follow Me	677664	2009	Folletto	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535610264	276000535610264	Folmar	676659	2008	Folletto	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579888234	276000579888234	Fond	671741	2003	Forbidden	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000200035649	276000200035649	Fonday	567470	2006	F B I	Montag	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402036858	276001402036858	Fondell	831446	2003	Forbidden	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346612690	276000346612690	Fontane	462775	2002	Forbidden	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350692790	276000350692790	Fontane	635362	2007	Fortune3	Ramos	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000221608032	528000221608032	Fontolan	325818	1998	Fred 2	Bellwood	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402287355	276001402287355	Foran	831541	2003	Forbidden	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113899398	276000113899398	Foranto	565764	2003	Faber	Design	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001601516752	276001601516752	Forbach	840625	2002	Forbidden	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLLUXM000998353569	442000998353569	Forbach	565751	2003	Forbidden	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000812456460	276000812456460	Forbee	762298	2003	Forbidden	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001601421480	276001601421480	Forbin	840598	2002	Forbidden	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000535457398	276000535457398	Force	676819	2008	Folte	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000546055407	528000546055407	Force	334860	2012	G-Force	Planet	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000535290233	276000535290233	Forchamp	764846	2007	Fortune3	Champion	H1P	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000661951668	276000661951668	Fordbell	840644	2003	Ford	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000439364917	528000439364917	Fordel	635370	2007	Fortune3	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000494984941	528000494984941	Fordell	832188	2007	Fortune3	O-Man	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814040482	276000814040482	Forell	840974	2009	Folte	Allen	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402660227	276001402660227	Forell	831660	2005	Forbidden	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534698067	276000534698067	Foreman	675607	2007	Fortune3	Manager ET	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350395005	276000350395005	Forenger	832156	2007	Fortune3	Lee	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000113878447	276000113878447	Forest	597057	2003	Faber	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000347794956	276000347794956	Forever	840611	2002	Ford	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348941220	276000348941220	Forex	466301	2005	Freelanze	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812645405	276000812645405	Forgolo	762653	2003	Forbidden	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000351141023	528000351141023	Forgotten	565704	2002	Forbidden	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000535610241	276000535610241	Forini	676597	2008	Folte	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346612687	276000346612687	Forlan	821423	2003	Forbidden	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000533730822	276000533730822	Forlan	831451	2003	Forbidden	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000545961444	528000545961444	Forlan	924700	2010	Fidelity	Roumare	H1N	H2N	H3N	H4P	H5N	CDN	Qnetics	
01	HOLNLDM000491130666	528000491130666	Forlando	568521	2008	Fortune3	O-Man	H1P	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM001403344435	276001403344435	Forlito	832371	2008	Fortune3	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351764625	276000351764625	Forlot	764910	2007	Fortune3	Lancelot	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLITAM012500018921	380012500018921	Formalist	821409	2002	Forbidden	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402095712	276001402095712	Forman	831401	2002	Forbidden	Ersben	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812183272	276000812183272	Formas	762200	2002	Ford	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402311865	276001402311865	Format	831554	2003	Forbidden	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812534760	276000812534760	Formel	762638	2003	Forbidden	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350660667	276000350660667	Formello	469534	2007	Fortune3	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115831456	276000115831456	Forpi	567487	2007	Fortune3	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000356963109	276000356963109	Forrest	151563	2013	Fanatic	Beacon	H1N	H2N	H3N	H4N	H5N	CDC	VOST	CD Gentest
01	HOLDEUM000579838368	276000579838368	Forrest	671548	2003	Forbidden	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001270328110	276001270328110	Forsa	810949	2003	Faber	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115965840	276000115965840	Forsberg	568519	2007	Frasier	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLNLDM000353398753	528000353398753	Forsell	328094	2003	Forbidden	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663204013	276000663204013	Forshall	764847	2007	Fortune3	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500714067	276001500714067	Forssell	821364	2002	Forbidden	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350280142	276000350280142	Fortado	330637	2006	F B I	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302975720	276001302975720	Fortalo	804074	2006	F B I	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116128283	276000116128283	Fortanic	822277	2007	Fortune3	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000812456456	276000812456456	Forte	821404	2003	Forbidden	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351069184	276000351069184	Fortimer	635559	2007	Fortune3	Morty	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349214755	276000349214755	Fortis	328722	2003	Forbidden	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351764643	276000351764643	Fortis	260062	2008	Fortune3	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000534813873	276000534813873	Fortress	822310	2008	Fortune3	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000113668324	276000113668324	Fortuna	802583	2002	Ford	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000494166075	528000494166075	Fortunas	471411	2007	Fortune3	Stormatic	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602302980	276001602302980	Fortunat	840895	2007	Fortune3	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000346319780	276000346319780	Fortune	632991	2002	Ford	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000353436268	276000353436268	Fortuno	832456	2009	Fortune3	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533922885	276000533922885	Fosset	671369	2003	Forbidden	Slogan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000416056131	276000416056131	Fossil	472036	2008	Fortune3	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLNLDM000538172882	528000538172882	Foster	334425	2012	G-Force	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000113723870	276000113723870	Fotograf	565752	2003	Ford	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351161001	276000351161001	Fotom	567479	2007	Fortune3	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113862928	276000113862928	Foxler	565792	2003	Forbidden	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000663196009	276000663196009	Foxtrott	470345	2007	Fortune3	Champion	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814439931	276000814439931	Foxwyn	832469	2009	Fortune3	Goldwin	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000815147212	276000815147212	Foy P	996800	2011	Fidji	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000535683776	276000535683776	Foyer	676944	2009	Folleto	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000388775176	528000388775176	Fradius	465420	2004	Freelanze	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000533135563	528000533135563	Frajo	832533	2010	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDNKM00000257548	208004181503352	Francis	924733	2014	Fageno	Destry	H1C	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001401276702	276001401276702	Franco	830748	1999	Fred 2	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814130680	276000814130680	Frando	472208	2008	Fortune3	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768193157	276000768193157	Franjo	463392	2003	Forbidden	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768472796	276000768472796	Franjo	144433	2005	Freelanze	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM016500089674	380016500089674	Franjo	810933	2002	Forbidden	Extrafelix	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000579505712	276000579505712	Frank	802568	2002	Forbidden	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000134344195	840000134344195	Franklin	328413	2003	Forbidden	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354597721	276000354597721	Franklyn	475535	2011	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000102312967	124000102312967	Frantic	672998	2004	Freelanze	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401465491	276001401465491	Frater	831053	2000	Fred 2	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001603837642	276001603837642	Fraxo	619165	2017	Araxis	Defender	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000579973430	276000579973430	Freak	672323	2004	Freelanze	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402950572	276001402950572	Freakie	832004	2006	Freelanze	James	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000012768098	124000012768098	Fred	508712	2017	Magnus	Kingboy	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000349540640	276000349540640	Fred	840744	2004	Freelanze	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001302505157	276001302505157	Fred	802698	2005	Freelanze	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349808028	276000349808028	Frederic	143391	2004	Freelanze	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000664231253	276000664231253	Frederic	619033	2011	Freddie	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000351783208	276000351783208	Frederico	470004	2007	Final Cut	Champion	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000768305241	276000768305241	Frederik	810956	2003	Forbidden	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLAUTM000624670819	040000624670819	Fredi	802698	2012	Fever	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM001501626440	276001501626440	Fredo	823056	2012	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001600677224	276001600677224	Freedom	840404	1998	Fred 2	Broker	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000102437941	124000102437941	Fredy	822031	2004	Freelanze	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662490105	276000662490105	Free	634507	2005	Freelanze	Morty	H1P	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLUSAM000061690577	840000061690577	Freebird	672355	2004	Freelanze	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000050840827	840000050840827	Freecheck	329392	2004	Freelanze	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580018556	276000580018556	Freedom	821491	2004	Freelanze	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000940538427	528000940538427	Freedom	475217	2011	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813160780	276000813160780	Freejock	763927	2005	Freelanze	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000666042775	276000666042775	Freeshot	766300	2011	Freddie	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000666143496	276000666143496	Freestyle	619054	2012	Freddie	Planet	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000662707605	276000662707605	Freetor	764064	2005	Freelanze	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000714486596	528000714486596	Freezer	572990	2017	Finder	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000114706432	276000114706432	Freiherr	565949	2004	Freelanze	Encore	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001601696593	276001601696593	Freilo	840713	2004	Freelanze	Decision	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000011541026	124000011541026	Fremont	811468	2012	Police	Atticus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM005703580607	250005703580607	Fremont	831767	2004	Freelanze	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349540622	276000349540622	Fremy	143349	2004	Freelanze	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580367061	276000580367061	Frentz	763537	2004	Freelanze	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000354125948	276000354125948	Frequent	927185	2010	Fidelity	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355315749	276000355315749	Fresco	262195	2011	Freddie	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000769602070	276000769602070	Fresco	678527	2011	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349738056	276000349738056	Fresh	257755	2004	Freelanze	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLCANM000010793927	124000010793927	Fresno	503711	2000	Fred 2	Exranco	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM000000598492	372001649570267	Fresno	669311	1999	Fred 2	Mountain	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350250964	276000350250964	Fretan	466675	2005	Freelanze	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354827908	276000354827908	Friday	262062	2011	Freddie	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001302505104	276001302505104	Frido	802684	2005	Freelanze	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000343959095	276000343959095	Fridolin	457769	1998	Formation	Geoffry	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000605742808	528000605742808	Fridtjof	841013	2010	Fiction	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000120513676	276000120513676	Frieberg	588014	2012	Fidji	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001302505096	2760001302505096	Friedbert	802685	2005	Freelanze	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000102725271	124000102725271	Friedur	329464	2005	Freelanze	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000664230704	276000664230704	Friesack	822471	2011	Freddie	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000347303278	276000347303278	Frings	821347	2002	Ford	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350406626	276000350406626	Fripolo	466684	2005	Freelanze	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349449182	276000349449182	Frisbee	672529	2004	Freelanze	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351764630	276000351764630	Frisbee	804154	2008	Fortune3	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500151220	276001500151220	Frisby	832061	2007	Freelanze	James	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDNKM000000256066	208004109204587	Frisby P	924710	2012	Falster	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000278253137	528000278253137	Frisco	831028	2000	Fred 2	Leadman	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000681815302	528000681815302	Frisk Red	156600	2017	Pace Red	Silver	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000114423528	276000114423528	Fritto	565928	2003	Forbidden	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM004460978243	250004460978243	Fritz	802555	2002	Ford	Decision	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001303225532	276001303225532	Frodo	804151	2008	Fortune3	Allen	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOL840M003009730152	840003009730152	Frogger	507032	2011	Gold Chip	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLDEUM000535633171	276000535633171	Frontman	676593	2008	Folletto	Mascol ET	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002921633119	250002921633119	Frosko	840929	2008	Frosty	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLGBRM000000656939	826364737201769	Frostbite	475881	2012	Snowman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLFRAM0005640184204	250005640184204	Fryska	474981	2010	Man-O-Man	Oliver 2	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000114266315	276000114266315	Fuchow	597155	2004	Finn	Ranger Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351161003	276000351161003	Fuego	811184	2007	Fortune3	Stormatic	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000579176439	276000579176439	Fugelo	915901	2001	Ferdi	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000008785039	124000008785039	FugitivRed	297839	2004	September	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000666042774	276000666042774	Fuhrig	822472	2011	Freddie	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001500165780	276001500165780	Fuller	802604	2003	Forbiden	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000061817419	840000061817419	Fullham	329152	2004	Freelanze	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000103782213	124000103782213	Fulltime	330563	2006	F B I	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349742009	276000349742009	Fulminant	328974	2004	T Funkis	Blacktone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000487656196	528000487656196	Fumaki	811211	2007	Fortune3	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
02	HOLDEUM000120171621	276000120171621	Fumoro	599478	2011	Fiction	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000353934511	276000353934511	Funchal	149943	2010	Fidelity	Carmano	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLNLDM000818166499	528000818166499	Functional	068152	1992	Jubilant	Enhancer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000890466597	528000890466597	Funker	151519	2012	G-Force	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000354275662	276000354275662	Furioso	333496	2011	Freddie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113546919	276000113546919	Fusimir	565306	2002	Ford	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000139637072	840000139637072	Future	506211	2008	Shottle	Roy	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000351567812	276000351567812	Futurist	469821	2007	Fortune3	James	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349297069	276000349297069	Fynn	257616	2004	Freelanze	Juror	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLNLDM000890466605	528000890466605	G.Farell	619063	2012	G-Force	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD Gentest
01	HOLDEUM000122835231	276000122835231	GGI Monto	572986	2017	Modesty	McCutchen	H1F	H2N	H3F	H4F	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000122835589	276000122835589	GGI Subway	573653	2017	Salvatore	Josupper	H1F	H2N	H3F	H4F	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000355909433	276000355909433	GGI Sunset	151548	2013	Sunday	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000359092503	276000359092503	GP Berlino	499085	2016	Bagno RDC	Go Now RF	H1F	H2N	H3F	H4F	H5N	CDP	Goepel	CD Gentest
01	HOLDEUM000770529266	276000770529266	GP Hotboy	499095	2016	Hotshot	Kingboy	H1F	H2N	H3F	H4F	H5P	CDP	Goepel	CD Gentest
01	HOLDEUM000667059192	276000667059192	GP Hotel P	499100	2017	Hologram P	Supershot	H1F	H2N	H3F	H4F	H5N	CDP	Goepel	CD Gentest
02	HOLDEUM000359596823	276000359596823	GP Salvini	499104	2017	Styx Red	Apoll P	H1F	H2N	H3F	H4F	H5N	CDP	Goepel	CD Gentest
01	HOLDEUM000121026264	276000121026264	Gabilan	811510	2013	Galaxy	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLITAM053990062094	380053990062094	Gabino	148522	2008	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000062439938	840000062439938	Gable ET	505793	2005	Tresor	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000815602912	276000815602912	Gabo	767000	2013	Galaxy	Bookem	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD Gentest
01	HOLFRAM002941260390	250002941260390	Gabon	635020	2006	Goldwin	Blitz	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350131391	276000350131391	Gabor	804059	2006	Garrison 2	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350380406	276000350380406	Gabor	330162	2006	Garrison 2	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000070346476	840000070346476	Gaborik	507066	2011	Altalota	Mac	H1N	H2P	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000351006573	276000351006573	Gabriel	804064	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000938233673	528000938233673	Gabrio	571865	2013	Galaxy	Dorcy	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000535823916	276000535823916	Gabun	148510	2009	Gavor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000533346412	276000533346412	Gaedline	747526	2000	Gabe	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000580668732	276000580668732	Gaetano	811128	2006	Garrison 2	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000812249348	276000812249348	Gaford	764019	2006	Garrison 2	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLGBRM000000649344	826560989601437	Gagarin	822423	2010	Gibor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000769308601	276000769308601	Gagib	765464	2009	Gavor	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350318059	276000350318059	Galano	469032	2006	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349247452	276000349247452	Galant	143335	2003	Good	Addison	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356811318	276000356811318	Galant	796260	2013	Galaxy	Goldday	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000579105394	276000579105394	Galant	810853	2001	Good Luck	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000349133318	276000349133318	Galantis	926419	2004	Goldstar	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356447266	276000356447266	Galard	796250	2013	Galaxy	Gerard	H1N	H2N	H3N	H4N	H5N	CDP	Memminge	CD Gentest
01	HOLDEUM000121523387	276000121523387	Galax RDC	833039	2014	Galaxy	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000949235351	276000949235351	Galaxis	796420	2014	Galaxy	Beacon	H1N	H2N	H3N	H4N	H5P	CDN	Greifenb	
01	HOLNLDM000898251876	528000898251876	Galaxis	475213	2010	Garrett	Captain	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000536431430	276000536431430	Galdos	568599	2011	Gerard	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000352491729	276000352491729	Galeo	260500	2008	Gavor	Wildman	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000815450459	276000815450459	Galex	767200	2013	Galaxy	Explode	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001602945425	276001602945425	Galilei	619031	2011	Gerard	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000348692992	276000348692992	Galileo	465401	2004	Good	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350352043	276000350352043	Galileo	145506	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000666335549	276000666335549	Galileo	499026	2013	Galaxy	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDNKM000000255281	208006880302802	Galinari	149983	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000353157409	276000353157409	Galino	260782	2009	Goldwin	O-Jacko	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000768896138	276000768896138	Galito	811164	2007	Goldwin	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
02	HOLAUTM000826980109	040000826980109	Gallas	926668	2006	GlacierRed	Agent	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000536218379	528000536218379	Galliano	832465	2009	Gavor	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768844127	276000768844127	Gallier	145513	2006	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000353545363	276000353545363	Gallus	332615	2009	Gavor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000866671864	528000866671864	Galoni	811463	2012	G-Force	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000349066702	276000349066702	Galvan	328221	2003	Good	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662652178	276000662652178	Galvano	811120	2006	Goldwin	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000111782460	276000111782460	Gambia	563415	1998	Gibbon	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768472582	276000768472582	Gambino	635018	2006	Garrison 2	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000368763771	528000368763771	Gambino	328341	2003	Good	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000133378487	840000133378487	Gambit	671082	2002	Garter	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLGBRM000000663493	826727942200151	Gambler	832865	2013	Saloon	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000123031041	276000123031041	Gamboa	811607	2017	Gymnast	Lobach	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000871871392	528000871871392	Game	680667	2013	Galaxy	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000685695878	528000685695878	Gameboy	833262	2017	Gatedancer	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000071181732	840000071181732	Gameday	823052	2012	Número Uno	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000535551034	276000535551034	Gammon	832375	2008	Gavor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813449484	276000813449484	Gamur	764396	2006	Garrison 2	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000699614452	528000699614452	Gancho	149992	2011	Gerard	Planet	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000539843403	276000539843403	Ganderas	811599	2017	Gatedancer	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001501186535	276001501186535	Gandero	811410	2011	Garrett	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000639499642	528000639499642	Gandhi	151577	2013	Galaxy	Beacon	H1N	H2N	H3N	H4N	H5P	CDF	VOST	CD Gentest
01	HOLDEUM000349726295	276000349726295	Gandolf	144494	2006	Goldwin	Manat	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000120235800	276000120235800	Gandor	570422	2012	Gold Chip	Pronto	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000769279306	276000769279306	Ganduro	832423	2009	Gavor	Modest	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000072769275	840000072769275	Gangster	507368	2013	Galaxy	Robust	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000348404845	276000348404845	Garamon	465246	2004	Good	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356563083	276000356563083	Garant	263330	2013	Galaxy	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000579302471	276000579302471	Garant	632811	2002	Gate	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLITAM01799099285	380017990999285	Garant	804301	2012	Goldday	Hayden	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000535693723	276000535693723	Garavani	811298	2009	Gavor	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001503416923	276001503416923	Garbid	822211	2006	Garrison 2	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000250198	208005609301722	Garcia	674600	2006	Garrison 2	Lambada	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000527992611	528000527992611	Garcon	677054	2009	Gavor	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001503412225	276001503412225	Gard	764154	2006	Garrison 2	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000250814	208002724001036	Gardam	635164	2006	Garrison 2	Ford	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000538246062	276000538246062	Garden RDC	680952	2013	Galaxy	Elburn	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000060911095	840000060911095	Gardez	671088	2002	Garter	Bench-Eddi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401861529	276001401861529	Gardon	831443	2002	Garter	Rubin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348404864	276000348404864	Garibaldi	465953	2005	Good	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500163806	276001500163806	Garibaldi	831657	2004	Garter	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122629481	276000122629481	Garido	811606	2017	Gymnast	Penley	H1C	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001403055833	276001403055833	Garion	832032	2006	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000062397439	840000062397439	Garley	822171	2006	Garrison 2	Bond	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662291763	276000662291763	Garlipp	821466	2003	Good	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000061020123	840000061020123	Garman	671213	2002	Garter	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000009372094	124000009372094	Garner	670818	2001	Gate	James	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402033412	276001402033412	Garnet	831422	2002	Garter	Fred 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769341366	276000769341366	Garoa	832405	2009	Gavor	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356230002	276000356230002	Garock	767216	2013	Galaxy	Shamrock	H1N	H2N	H3N	H4N	H5N	CDC	RBW	CD Gentest
01	HOLDEUM000580285967	276000580285967	Garock	634090	2004	Garter	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM007712881947	250007712881947	Garon	831472	2003	Garter	Demand	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579662181	276000579662181	Garotte	821403	2003	Garter	James	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349726299	276000349726299	Garrelt	635013	2006	Goldwin	Manat	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000350185576	276000350185576	Garrelt	144476	2006	Goldwin	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000812249349	276000812249349	Garriland	763904	2006	Garrison 2	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000534538231	276000534538231	Garros	764162	2006	Garrison 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000533730790	276000533730790	Garry	831425	2002	Garter	Dowin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534538232	276000534538232	Garry	794840	2006	Garrison 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLITAM016990382029	380016990382029	Garry	804293	2011	Goldday	Gibor	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000121431655	276000121431655	Garvan RDC	571871	2014	Galaxy	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDNKM000000256013	208003001001793	Garvin	811477	2012	G-Force	Super	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000538155646	276000538155646	Gasometer	680760	2013	Galaxy	Shamrock	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000580566447	276000580566447	Gaspari	811126	2006	Garrison 2	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000707842154	528000707842154	Gaspari	149938	2010	Gerard	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000354114578	276000354114578	Gasparo	473893	2010	Garrett	Duplex	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000662670075	276000662670075	Gasther	764157	2006	Garrison 2	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500869941	276001500869941	Gaston	822200	2006	Garrison 2	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350692760	276000350692760	Gastronom	469258	2006	Goldwin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000535421336	276000535421336	Gatan	676461	2008	Gavor	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000359306566	276000359306566	Gateland	833264	2017	Gatedancer	Commander	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000115248564	276000115248564	Gatem	597747	2005	GlacierRed	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000431442501	528000431442501	Gateway	822169	2006	Goldwin	Monluel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000357060700	276000357060700	Gatsby	833003	2013	Galaxy	Beacon	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLUSAM000062433031	840000062433031	Gaucho	505886	2006	Garrison 2	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351395873	276000351395873	Gaudino	469673	2007	Goldwin	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351644042	276000351644042	Gavan	260260	2008	Gavor	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000535681068	528000535681068	Gavarno	822407	2010	Gibor	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344089407	276000344089407	Gaylord	458362	1999	Glenwood	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001305539564	276001305539564	Gazebo	833301	2017	Gage	Josuper	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000380990409	528000380990409	Gedo	464527	2003	Good	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000528108947	528000528108947	Geert	917341	2010	Fidelity	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLBELM000228058220	056000228058220	Gege	679025	2011	Gerard	Lou	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001502393763	276001502393763	Gekas	822229	2006	Givenchy	Allen	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000136054100	840000136054100	Gelan	505719	2005	Freelanze	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM098990131766	380098990131766	Gemello	811123	2006	Goldwin	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000712463939	528000712463939	Genaro	917475	2012	Amor Red	Destry	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000111351785	276000111351785	General	140004	1999	Gelpo	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLAUTM000941971309	040000941971309	General Re		2006	GlacierRed	Agent	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000354420210	276000354420210	Genesis	474896	2010	Gerard	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000356333357	276000356333357	Genestar	477175	2012	Genesis	Dorcy	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000579286033	276000579286033	Genetrix	916330	2001	Good Luck	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500161084	276001500161084	Genf	811049	2004	Good	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000355936991	276000355936991	Genial	262848	2012	Genesis	Super	H1N	H2N	H3N	H4N	H5N	CDH	OHG	CD Gentest
01	HOLDEUM000579810497	276000579810497	Genie	810983	2003	Good	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578669492	276000578669492	Genion	326163	1999	Gibbon	Kent	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538155648	276000538155648	Genios	811504	2013	Galaxy	Shamrock	H1N	H2N	H3N	H4N	H5N	CDC	RBB	CD Gentest
01	HOLDEUM000534600194	276000534600194	Gennaro	635261	2006	Goldwin	Marshall	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000354412250	276000354412250	Genti	832574	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347750202	276000347750202	Gentile	565796	2003	Good	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350264015	276000350264015	Gentleman	258710	2006	Goldwin	Pronto	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000357904181	276000357904181	Gentleman	154212	2015	Genial	Número Uno	H1F	H2N	H3F	H4F	H5N	CDH	VOST	CD Gentest
01	HOLNLDM000571345807	528000571345807	Gentleman	619022	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
01	HOLDNKM00000255905	208003372305774	Gently	680121	2012	G-Force	Super	H1N	H2N	H3N	H4N	H5N	CDH	RUW	CD Gentest
01	HOLDEUM001602961212	276001602961212	Gentner	822494	2011	Goldday	Laurin	H1N	H2N	H3N	H4N	H5N	CDH	RA	CD Gentest
01	HOLDEUM000344772327	276000344772327	Genua	669451	1999	Genestar	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000638768419	528000638768419	Georg	151541	2012	G-Force	Legend	H1N	H2N	H3N	H4N	H5N	CDH	VOST	CD Gentest
01	HOLUSAM000133907726	840000133907726	George ET	505588	2003	Forbidden	Decision	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354794826	276000354794826	Georgio	475446	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDH	MAR	CD Gentest
01	HOLDEUM000115119245	276000115119245	Geotaxis	567413	2005	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDH	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001260770115	276001260770115	Gepard	804268	2011	Garrett	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001265154175	276001265154175	Gerado	811046	2004	Good	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350318057	276000350318057	Gerald	145510	2006	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351254450	276000351254450	Geraldo	469252	2007	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354412247	276000354412247	Gerano	475004	2011	Gerard	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501875176	276001501875176	Gerato	811432	2011	Gerard	Bolton	H1N	H2N	H3N	H4N	H5N	CDH	RBB	CD Gentest
01	HOLNLDM000935785366	528000935785366	Gerber	822500	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDH	RA	CD Gentest
01	HOLNLDM000921539913	528000921539913	Gered	804312	2012	Gerard	Mac	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354412244	276000354412244	Geremia	832571	2011	Gerard	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001304418203	276001304418203	Gereon	804326	2012	Genesis	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDH	RA	CD Gentest
01	HOLDEUM001403977792	276001403977792	Gereon	832549	2010	Gerard	Ramos	H1N	H2N	H3N	H4N	H5N	CDH	MAR	CD Gentest
01	HOLDEUM000352171819	276000352171819	Gerero	331849	2008	Goldwin	Ijssel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349992589	276000349992589	Gerke	144469	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM002258212808	250002258212808	Germain	832581	2011	Gerard	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351328835	276000351328835	Germano	470352	2007	Goldwin	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000106905621	124000106905621	Germany	822490	2010	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDH	RA	CD Gentest
01	HOLDEUM000351006576	276000351006576	Germinal	567431	2006	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDH	RSH	CD 98% Traegerwahrscheinlichkeit
01	HOLNLDM000931974991	528000931974991	Germond	811415	2011	Gerard	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDH	RBB	CD Gentest
01	HOLNLDM000423411593	528000423411593	Gero	144460	2005	Goldwin	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000770050367	276000770050367	Gero P RDC	833053	2014	Galaxy	Bogart	H1N	H2N	H3N	H4N	H5N	CDH	MAR/RBB	CD Gentest
01	HOLDEUM000112986230	276000112986230	Gerolstein	564784	2001	Glenwood	Dannix	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000766877223	528000766877223	Geron	811442	2011	Gold Chip	Win 395	H1N	H2N	H3N	H4N	H5N	CDH	RBB	CD Gentest
01	HOLDEUM000948313539	276000948313539	Geronimo	507458	2013	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000354164995	276000354164995	Gerry	261898	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM001405290992	276001405290992	Gerry	833304	2017	Gymnast	Battlecry	H1C	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
01	HOLDEUM000815144953	276000815144953	Gershwin	766539	2012	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350427794	276000350427794	Getaway	635166	2006	Goldwin	Ford	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000463693179	528000463693179	Getvoland	830178	1991	Leadman	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537116143	276000537116143	Ghost	679453	2012	Gold Chip	Snowman	H1N	H2N	H3N	H4N	H5N	CDH	RUW	CD Gentest
01	HOLDEUM000536124807	276000536124807	Giabo	677301	2009	Gibor	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM001501528523	276001501528523	Giacinto	833061	2014	Giant	Bookem	H1N	H2N	H3N	H4N	H5N	CDH	MAR	CD Gentest
01	HOLUSAM000129197863	840000129197863	Gian	505101	1999	Patriot	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000070243155	840000070243155	Giant	507068	2012	Cameron	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLBELM000910627575	056000910627575	Giant Red	917386	2010	Jerudo	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000580176861	276000580176861	Giball	673333	2005	Gibor	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535829444	276000535829444	Gibbs	677310	2009	Gibor	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000695677918	528000695677918	Gibo	148597	2009	Gibor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM007297006288	250007297006288	Gibor	667908	1997	Gibbon	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000707841252	528000707841252	Gibrott	636856	2009	Gibor	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM001402872348	276001402872348	Gidget	832023	2006	Goldwin	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM002997001597	250002997001597	Gifhorn	840335	1997	Gibbon	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000116724390	276000116724390	Gigabyte	677056	2009	Gibor	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000122835602	276000122835602	Gigabyte	573654	2017	Gymnast	Silver	H1C	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000360939875	276000360939875	Gigamax	833321	2018	Gymnast	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000355182903	276000355182903	Gigant	333984	2011	Goldday	Debonair	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535278650	276000535278650	Gigantic	676809	2009	Gibor	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM000342978410	276000342978410	Gigolo	326527	2000	Gabe	Lieutenant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580102603	276000580102603	Gijon	672200	2003	Gibor	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344399521	276000344399521	Gilbert	458649	1999	Glenwood	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535829428	276000535829428	Gilder	677058	2009	Gibor	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402157974	276001402157974	Giles	831496	2003	Gibson	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535610248	276000535610248	Gilford	676599	2008	Gibor	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001403075790	276001403075790	Gilligan	832025	2006	Goldwin	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000398900134	442000398900134	Gilono	822491	2011	Gerard	Laudan	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLLUXM000698713093	442000698713093	Gilot ALL	676154	2008	Gibor	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535569894	276000535569894	Gimik	832438	2009	Gibor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360558604	276000360558604	Gin	156595	2017	Gymnast	Kingpin	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000886061225	528000886061225	Gin	823055	2012	G-Force	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000360215365	276000360215365	Gin Tonic	833294	2017	Gymnast	Shep	H1C	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000449373024	528000449373024	Ginello	831923	2006	Goldwin	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115586039	276000115586039	Ginger	567441	2006	Goldwin	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355127831	276000355127831	Ginger	333981	2011	Goldday	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347329213	276000347329213	Ginkgo	141164	2001	Gilbert ET	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000496282102	528000496282102	Gino	677053	2009	Gibor	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402232708	276001402232708	Ginseng	831587	2003	Gibson	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116283257	276000116283257	Ginster	811285	2008	Gibor	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348404831	276000348404831	Ginus	464397	2004	Gibson	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000488226109	528000488226109	Ginyman	917260	2008	Mr.Burns	Stadel	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 76% Traegerwahrscheinlichkeit
01	HOLDEUM000355651080	276000355651080	Giotto	476853	2012	Gold Chip	Bronco	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000367077633	528000367077633	Giotto	672142	2003	Gibor	Basar	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578130299	276000578130299	Giovanni	668333	1998	Gibbon	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000532617047	276000532617047	Gipfel	668067	1997	Gigh	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001273106415	276001273106415	Gipfel	801699	1999	Gibbon	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM002371403089	208002371403089	Gipsy	768444	2017	Gymnast	Silver	H1C	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000535767250	276000535767250	Girasol	677057	2009	Gibor	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001082260748	276001082260748	Girod ALL	673100	2004	Gibor	Rubens RF	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000345217487	276000345217487	Gisbert	327229	2001	Good Luck	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579491521	276000579491521	Giseh	671974	2003	Gibor	Bombay	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346940579	276000346940579	Gismo	463854	2003	Good	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535854166	276000535854166	Gismo	677194	2009	Gibor	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000355547737	276000355547737	Gismor PRF	476167	2012	Gold Chip	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000520023053	528000520023053	Gitan	148546	2009	Gibor	Olympic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000667139801	276000667139801	Gitar	619189	2017	Gymnast	Penmanship	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000535772911	276000535772911	Given	676945	2009	Gibor	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000115528651	276000115528651	Glabot	567460	2006	Goldwin	Encore	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355622994	276000355622994	Gladiator	476854	2012	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000115427339	276000115427339	Gladys	567425	2006	Goldwin	Champion	H1N	H2N	H3N	H4P	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000713313332	528000713313332	Glamour P	588019	2012	Glorious	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355182906	276000355182906	Glandorf	333985	2011	Goldday	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661274962	276000661274962	Glanz	830850	1999	Glenwood	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000286343732	528000286343732	Glasnost	670157	2001	Glory Box	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579176427	276000579176427	Glaton	670269	2001	Glory Box	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000244373	208003001001293	Glauco	840549	2001	Glory Box	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000356333337	276000356333337	Glavius	811478	2013	Gold Chip	Bronco	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLCANM000010895235	124000010895235	Glawrence	333604	2010	Bronco	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000533068577	276000533068577	Gleis	830770	1999	Glenwood	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344089409	276000344089409	Glen	810708	1999	Glenwood	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768768394	276000768768394	Glendax	468293	2006	Goldwin	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344730685	276000344730685	Gletscher	830861	1999	Glenwood	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811617184	276000811617184	Glimmer	761736	2000	Gabe	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001401133997	276001401133997	Glimmer	830898	1999	Glenwood	Lew	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000399172814	528000399172814	Global	634941	2006	Goldwin	Morty	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000882123158	528000882123158	Global	680234	2013	Goliath	Bluejay	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000115586025	276000115586025	Globaro	567442	2006	Goldwin	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303424959	276001303424959	Globus	804215	2009	Gavor	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLUSAM000069206211	84000069206211	Glock P	298159	2011	Colt-P	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000115305510	276000115305510	Gloran	597738	2005	GlacierRed	Kornett	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580367110	276000580367110	Gloriall	673483	2005	Riverland	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350369052	276000350369052	Glorias	468184	2006	Garrison 2	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000349914821	276000349914821	Glorio-Red	258418	2005	GlacierRed	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000357795060	276000357795060	Gloryday	833129	2015	Genestar	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000721484901	528000721484901	Gloss	917473	2012	Glorious	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000532957779	276000532957779	Gloster	326110	1999	Glenwood	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402036767	276001402036767	Gloster	831468	2003	Glory Box	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769341371	276000769341371	Glovers	822375	2009	Gavor	Gibor	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLUSAM000061362742	840000061362742	Glowbug	505553	2003	Good	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580388138	276000580388138	Gloy	567455	2006	Goldwin	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000709809726	528000709809726	Go Now RF	679573	2012	G-Force	Ralstorm	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000769511838	276000769511838	Go On	678907	2011	Goli	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000538289985	276000538289985	Go West	917549	2014	Go Now RF	Detroit	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000348300877	276000348300877	Goal	633526	2003	Good	Elwillo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000537202525	276000537202525	Goal	262310	2011	Goldday	Planet	H1N	H2N	H3N	H4N	H5N	CDN	OHG	CD Gentest
01	HOLDEUM000356342903	276000356342903	Goaway	832841	2013	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000537025137	276000537025137	Gobi	679007	2011	Goldday	Gibor	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000441748541	528000441748541	Gobigo	917082	2006	Gogo	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534600180	276000534600180	Goblet	674863	2006	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350131402	276000350131402	Goblin	468036	2006	Goldwin	Tugolo	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM0000664220549	276000664220549	Gobolt	766432	2011	Goldday	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000536745450	276000536745450	Gobur	795760	2011	Goli	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDN	Memminge	
02	HOLDEUM000356042295	276000356042295	Goch	927439	2013	Glorious	Kylian	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000533986025	276000533986025	Goch	916937	2004	Goldstar	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345217488	276000345217488	Godan	327230	2001	Good Luck	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579935494	276000579935494	Godan	916922	2004	Goldstar	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1	HH2	HH3	HH4	HH5	CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000355651056	276000355651056	Godewind	804317	2012	Gold Chip	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLFRAM008120219506	250008120219506	Godewind	668663	1998	Goldfinger	Mascot	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000924308114	528000924308114	Godewind	151518	2012	Gold Chip	Sanchez	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000429860614	528000429860614	Godin	811114	2006	Goldwin	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350264638	276000350264638	Godolph	764000	2006	Goldwin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000114414803	276000114414803	Godor	916958	2004	Goldstar	Italie Mas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349399998	276000349399998	Godwin	802635	2004	Good	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348110935	276000348110935	Godzilla	464398	2004	Good	Delight	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768877400	276000768877400	Gofero	567444	2006	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350389826	276000350389826	Gofino	468045	2006	Goldwin	Delight	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM001302204408	276001302204408	Gogir	566610	2004	Good Luck	Predello	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350497808	276000350497808	Gojko	804061	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351328834	276000351328834	Gokart	675673	2007	Goldwin	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579858358	276000579858358	Gol	794850	2006	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000662737234	276000662737234	Goland	764161	2006	Goldwin	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349458117	276000349458117	Golantz	763239	2004	Good	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348185996	276000348185996	Golass	763180	2003	Good	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000537054567	276000537054567	Golatio	823011	2011	Goldday	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000812698337	276000812698337	Golbow	996388	2004	Goldstar	Rainbow	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000768768412	276000768768412	Golcar	634891	2006	Goldwin	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000923696450	528000923696450	Golcho	832846	2013	Goldday	Niagra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000758943857	528000758943857	Gold	570434	2012	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580102614	276000580102614	Gold-As	916939	2004	Goldstar	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCHEM120093681213	756120093681213	Gold-Red	811400	2011	Sanchez	Pronto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000537242531	276000537242531	Goldader	679208	2011	Goldday	Alexander	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000537147513	276000537147513	Goldal	795780	2011	Goldday	Alino	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000535762562	276000535762562	Goldan	260499	2009	Goldwin	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000115528769	276000115528769	Goldap	567466	2006	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000251159	208003001001581	Goldash	635456	2007	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534986997	276000534986997	Goldbad	840900	2007	Goldwin	Lambda	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348796437	276000348796437	Goldbaer	466679	2005	Goldwin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534570587	276000534570587	Goldbeck	822212	2006	Goldwin	Bormio	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000250118	208005126001388	Goldberg	831982	2006	Goldwin	Morty	H1P	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000537258334	276000537258334	Goldblum	619056	2012	Gold Chip	Jeeves	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000350427795	276000350427795	Goldboy	822201	2006	Goldwin	Ford	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLNLDM000495754578	528000495754578	Goldboy	923184	2008	Lawn Boy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000250555	208006257702103	Goldbuck	635252	2006	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000350692762	276000350692762	Goldburg	468815	2006	Goldwin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115449567	276000115449567	Goldchamp	840852	2006	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000349042855	276000349042855	Goldday	916930	2004	Goldstar	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000475750563	528000475750563	Goldday	635357	2006	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000898054011	528000898054011	Golddigger	476500	2011	Goldday	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580675109	276000580675109	Golddream	674780	2006	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579810512	276000579810512	Golddust	916918	2003	Goldstar	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402815899	276001402815899	Golden Eye	831945	2006	Goldwin	Dery	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000430142307	528000430142307	Golden Eye	917097	2006	Gogo	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000769717111	276000769717111	Golden One	619041	2011	Goldday	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001302975712	276001302975712	Golden Sky	804072	2006	Goldwin	Skychief	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000535229326	276000535229326	Golden Way	636144	2008	Goldwin	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
02	HOLDEUM000538378610	276000538378610	Goldfever	917546	2014	Go Now RF	Curtis	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLITAM017990345721	380017990345721	Goldfever	831883	2005	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000536290771	528000536290771	Goldfieber	795550	2010	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDC	Greifenb	CD Gentest
01	HOLDEUM000352800353	276000352800353	Goldfield	473281	2009	Goldwin	Shottle	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM001403055838	276001403055838	Goldfinger	804088	2006	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350264632	276000350264632	Goldfink	634900	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580675104	276000580675104	Goldfire	674659	2006	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350395036	276000350395036	Goldfisch	468292	2006	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000662799580	276000662799580	Goldflame	832075	2006	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000537190987	276000537190987	Goldgrube	679458	2011	Goldday	Nidall	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000768005131	276000768005131	Goldhill	916250	2001	Good Luck	Ermatt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350740714	276000350740714	Goldic	146790	2006	Goldwin	Tonic	H1N	H2N	H3N	H4N	H5N	CDP	Memminge	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349963611	276000349963611	Goldino	258696	2005	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000537222105	276000537222105	Goldino	811445	2012	Gold Chip	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001082489546	276001082489546	Goldis	679202	2011	Goldday	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLDEUM000352950166	276000352950166	Goldkid	473382	2009	Goldwin	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813473910	276000813473910	Goldland	764172	2006	Goldwin	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000813803828	276000813803828	Goldman	764845	2007	Goldwin	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000350597918	276000350597918	Goldmar	840814	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000537197370	276000537197370	Goldmark	679308	2011	Goldday	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
02	HOLDEUM000114386073	276000114386073	Goldmaster	597153	2003	Goldstar	Ranger Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348404833	276000348404833	Goldmax	464464	2004	Good	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350318043	276000350318043	Goldmedal	822255	2007	Goldwin	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354746292	276000354746292	Goldmine	678908	2011	Goldday	Debonair	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000580007035	276000580007035	Goldo	916912	2003	Goldstar	Jaromir	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500153638	276001500153638	Goldoni	811134	2006	Goldwin	Terry	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000438266371	528000438266371	Goldoni	831976	2006	Goldwin	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000592180180	528000592180180	Goldor	476170	2012	Gold Chip	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062496360	84000062496360	Goldoran	673863	2005	Goldwin	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351248675	276000351248675	Goldprinz	470729	2007	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350488769	276000350488769	Goldregen	469446	2006	Goldwin	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000448608064	528000448608064	Goldri	567436	2006	Goldwin	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580675112	276000580675112	Goldrib	840842	2006	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000666099348	276000666099348	Goldring	619048	2011	Goldday	Juwel	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000350597921	276000350597921	Goldriver	822177	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLCANM000103506661	124000103506661	Goldrot RF	330075	2005	Goldwin	Champion	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001404050684	276001404050684	Goldrun	832605	2012	Gold Chip	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000664233953	276000664233953	Goldrush	619035	2011	Goldday	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000476382172	528000476382172	Goldshare	832179	2007	Goldwin	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000948156582	528000948156582	Goldsmith	619066	2012	Gold Chip	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000537456956	528000537456956	Goldspan	678312	2010	Gofast	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000577745977	276000577745977	Goldstar	914031	1997	Goldi II	Orleon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350597946	276000350597946	Goldstaub	822219	2006	Goldwin	Lancelot	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000137590241	840000137590241	Goldstein	505927	2006	Goldwin	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345480763	276000345480763	Goldstern	326947	2001	Good Luck	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580143639	276000580143639	Goldstern	922357	2004	Goldstar	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000813434753	276000813434753	Goldstorm	764169	2006	Goldwin	Storm	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000350390175	276000350390175	Goldstueck	468176	2006	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000730436081	528000730436081	Goldsuche	679882	2012	Gold Chip	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000353011393	276000353011393	Goldtime	473716	2009	Goldwin	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000766876554	528000766876554	Goldtube	679318	2012	Gold Chip	Win 395	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLLUXM000698612099	442000698612099	Goldway	674761	2006	Goldwin	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114386142	276000114386142	Goldwind	922562	2004	Goldstar	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348300870	276000348300870	Goldwing	328525	2003	Good	Ubo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500163976	276001500163976	Goleb	566607	2004	Good	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579613795	276000579613795	Golem	821443	2003	Good	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 80% Traegerwahrscheinlichkeit
01	HOLDEUM001271351485	276001271351485	Golem	804331	2013	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDL000381354327	528000381354327	Golem	831626	2004	Good	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403075800	276001403075800	Goleno	832038	2006	Goldwin	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000941565145	276000941565145	Golens	795150	2007	Goldwin	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000350740710	276000350740710	Goleo	145518	2006	Goldwin	Tonic	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001270467065	276001270467065	Goleo	804071	2006	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLFRAM004241172912	250004241172912	Goleo	634845	2006	Goldwin	Boss Iron	H1N	H2N	H3P	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000812645418	276000812645418	Golfer	671658	2003	Good	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDL000467033456	528000467033456	Golfstrom	469260	2006	Goldwin	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000666143100	276000666143100	Goliath	619064	2012	Goldday	Planet	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001264380630	276001264380630	Goliath	823127	2014	Giant	Edison	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000580641085	276000580641085	Golio	764159	2006	Goldwin	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001302894403	276001302894403	Golito	804096	2006	Goldwin	Blitz	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001403092455	276001403092455	Gollix	832064	2007	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352950165	276000352950165	Golo	148554	2009	Goldwin	Shottle	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001302204453	276001302204453	Golo	802643	2004	Good	Predello	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580675092	276000580675092	Golom	674658	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354833469	276000354833469	Goltino	475752	2011	Goldday	Jefferson	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000767914677	276000767914677	Golzo	831235	2001	Good Luck	Ermatt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500869951	276001500869951	Gomera	258900	2006	Goldwin	Ford	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000350735507	276000350735507	Gomez	259323	2007	Goldwin	Lancelot	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000579890225	276000579890225	Gomez	916957	2004	Goldstar	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662734106	276000662734106	Gomez	634948	2006	Goldwin	Forbiden	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000579968837	276000579968837	Gomiro	916914	2003	Goldstar	Ferdi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662814111	276000662814111	Gondalf	634846	2006	Goldwin	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000580082612	276000580082612	Gondero	916913	2003	Goldstar	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000255586	208004534803530	Gondor	619062	2012	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4P	H5N	CDN	Qnetics	
01	HOLDEUM000348348759	276000348348759	Gonzales	465964	2005	Good	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350597924	276000350597924	Gonzales	258720	2006	Goldwin	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDNKM00000299979	208002371403018	Gonzales	587546	2017	Great	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000350427813	276000350427813	Gonzalo	822164	2005	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLGBRM000000652701	826954082135032	Gonzalo	811406	2011	Gerard	Mascot ET	H1N	H2N	H3N	H4N	H5N	CDC	RBB	CD Gentest
01	HOLNLDL000481052033	528000481052033	Goober	832202	2007	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351006629	276000351006629	Good Day	822245	2007	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM001014133589	276001014133589	Good Luck	283014	1994	Luke	Anker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000007383047	124000007383047	Goodboy	328681	2003	Good	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349247455	276000349247455	Goodbye	672239	2003	Good	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002941264828	250002941264828	Goodfly	840676	2003	Good	Marty	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDL000538275390	528000538275390	Gooding	822484	2011	Goldday	Jonk	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000350945239	276000350945239	Goodman	259010	2006	Goldwin	Allen	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000360157847	276000360157847	Goodman	499114	2017	Gymnast	Missouri	H1C	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM001402930060	276001402930060	Goodness	832018	2006	Goldwin	Mascot	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356333323	276000356333323	Goodwill	477503	2013	Goldday	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDL000738668699	528000738668699	Goodwon	570405	2010	Super	Shottle	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000936433118	276000936433118	Goody	794480	2004	Good	Zack	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000579810510	276000579810510	Google	916940	2003	Goldstar	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349905115	276000349905115	Goralis	926658	2006	GlacierRed	Faber	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000579810489	276000579810489	Gorban RF	328526	2003	Good	Roels	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350318046	276000350318046	Gorch Fock	674940	2006	Goldwin	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLNLDM000871281298	528000871281298	Gordan	151504	2012	Gold Chip	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
01	HOLDEUM000350369048	276000350369048	Gordian	468287	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356480913	276000356480913	Gordian	811481	2013	Goldday	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349247456	276000349247456	Gordon	143334	2003	Good	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350287933	276000350287933	Gordon	258717	2006	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001404144263	276001404144263	Gorem	832584	2011	Goldday	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535717424	276000535717424	Gori	811325	2009	Gibor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000813521613	276000813521613	Gormio	764121	2006	Goldwin	Bormio	H1N	H2N	H3N	H4P	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM00034600181	27600034600181	Gorrion	674864	2006	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000813179647	276000813179647	Goshal	764056	2006	Goldwin	Marshall ET	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000537953154	528000537953154	Goslar	151514	2012	Gold Chip	Bogart	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000767986516	276000767986516	Goswin	840544	2001	Good Luck	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001302605239	276001302605239	Goswin	802695	2005	Good	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346801019	276000346801019	Gotan	464392	2003	Good	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000520450895	528000520450895	Gotano	811309	2009	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000727982665	528000727982665	Gotano	156564	2016	Governor	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	VOST	CD Gentest
01	HOLDEUM001261281664	276001261281664	Gote	148548	2009	Goldwin	Outside	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000940999704	276000940999704	Gotha	794950	2006	Goldwin	Lheros	H1N	H2N	H3N	H4N	H5N	CDP	Greifenb	CD 98% Traegerwahrscheinlichkeit
01	HOLNLDM000464580632	528000464580632	Gotha	674778	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLNLDM000537717581	528000537717581	Gotha	151502	2011	Van Gogh	Duplex	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000348185994	276000348185994	Gotis	464126	2003	Good	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250874	208004433402669	Gottfried	804066	2006	Goldwin	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000443743702	528000443743702	Gottschalk	804050	2006	Goldwin	Morty	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115453247	276000115453247	Gouda	567465	2006	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355493798	276000355493798	Gouda	766400	2011	Goldday	Laudan	H1P	H2N	H3N	H4N	H5N	CDN	RBW	CD Gentest
01	HOLDEUM000536786294	276000536786294	Gourmet	678521	2011	Gorch Fock	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001403009001	276001403009001	Gourmet	831987	2006	Goldwin	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350597902	276000350597902	Goya	258705	2006	Goldwin	Manat	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000579888329	276000579888329	Goya	916931	2004	Goldstar	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356007828	276000356007828	Gozo	334621	2012	Gunnar	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000349446829	276000349446829	Gozo RF	672204	2003	Good	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000440124067	528000440124067	Graal	329964	2005	Goldwin	Cello	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403195158	276001403195158	Graceland	832084	2007	Goldwin	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000123031049	276000123031049	Gracian	768604	2017	Gymnast	Silver	H1F	H2N	H3F	H4F	H5N	CDN	RBW	CD Gentest
01	HOLDEUM000354769198	276000354769198	Gracious	333924	2011	Goldday	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDNKM000000251132	208005126001501	Gradez	832091	2007	Goldwin	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500942378	276001500942378	Grado	822348	2008	Gavor	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403118406	276001403118406	Grady	832051	2006	Goldwin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001269135989	276001269135989	Graf	810402	1995	Geoffry	Malisto ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000114833360	276000114833360	Graffito	567429	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000813521654	276000813521654	Graham	811181	2007	Goldwin	Bormio	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM001082475836	276001082475836	Granada	149963	2011	Gerard	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001404050699	276001404050699	Granados	476862	2012	Gold Chip	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000799597335	442000799597335	Granat	156596	2017	Gymnast	Silver	H1C	H2N	H3F	H4F	H5N	CDN	VOST	CD Gentest
01	HOLDEUM001502223673	276001502223673	Grand Prix	821147	1999	Glenwood	Cmv Mica	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000069207643	840000069207643	Grande	506564	2010	Freddie	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000350582245	276000350582245	Grandeur	468046	2006	Goldwin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM005344216045	250005344216045	Grandeur	619025	2011	Gerard	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLCHEM120134501050	756120134501050	Grandprix	833326	2017	Jacoby	Atwood	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000115831494	276000115831494	Granini	567498	2007	Goldwin	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001602790674	276001602790674	Granit	619008	2010	Garrett	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLLUXM000699597344	442000699597344	Granito	833298	2017	Gymnast	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001401470956	276001401470956	Granny	831040	2000	Grandslam	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114386101	276000114386101	Grant	597164	2004	Goldstar	Moto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579176437	276000579176437	Granus	821278	2001	Glory Box	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000061902340	840000061902340	Graphit ET	505792	2005	Titanic	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350488768	276000350488768	Grappa	468189	2006	Goldwin	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355885294	276000355885294	Grasdorf	335094	2013	Guarini	Sallas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003133032600	840003133032600	Grateful	685582	2018	Guarantee	Montross	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351027905	276000351027905	Gratulant	469454	2006	Goldwin	Morty	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000357385767	276000357385767	Gravity	833081	2014	Giant	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFRAM005940304556	250005940304556	Grawler	679372	2011	Brawler	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM001082548367	276001082548367	Great	917551	2014	Go Now RF	Morris	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLITAM019990862863	380019990862863	Great Day	619024	2011	Goldday	Juwel	H1N	H2N	H3P	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000360558209	276000360558209	Greatboy	833308	2017	Gymnast	Balisto	H1C	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000360044773	276000360044773	Greatful	797150	2017	Gymnast	Beatstick	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000666062397	276000666062397	Greco RF	619029	2011	Gerard	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000540402310	276000540402310	Greenwich	685579	2018	Gymnast	Shep	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLFRAM005237442210	250005237442210	Gregory	804034	2006	Goldwin	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM00055642018	840000055642018	Grenoldo	332031	2008	Jet Stream	Bret II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402872352	276001402872352	Greystoke	832028	2006	Goldwin	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000345085250	276000345085250	Griff	830926	1999	Gelpro	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350716362	276000350716362	Grimaldi	145538	2006	Goldwin	Loran	H1N	H2N	H3N	H4P	H5N	CDP	VOST	CD 94% Traegerwahrscheinlichkeit
01	HOLFRAM006205816610	250006205816610	Grimaldi	636571	2009	Gavor	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLBELM000328343586	056000328343586	Gringo	680284	2012	Epic	Calysto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343002347	276000343002347	Gringo	325575	1998	Gibbon	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343352873	276000343352873	Gringo	668766	1998	Trailor	Clark	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000667139802	276000667139802	Gringo	768700	2017	Gymnast	Penmanship	H1C	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000350427797	276000350427797	Grischa	804051	2006	Goldwin	Aaron	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001404580502	276001404580502	Grizzly	804319	2012	Genesis	Man-O-Man	H1N	H2N	H3N	H4N	H5P	CDP	RA	CD Gentest
01	HOLDEUM000351395869	276000351395869	Gropius	811192	2007	Goldwin	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000061362771	840000061362771	Gruce-ET	505684	2004	Lucente	Bench-Eddi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358241605	276000358241605	Gs Big Joh		2014	Balisto	Epic	H1F	H2N	H3F	H4F	H5N	CDN	ZAR Wien	
01	HOLDEUM000356819470	276000356819470	Gs Boston		2014	Boss	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000948531046	276000948531046	Gs Galaxis		2013	Galaxy	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000360237710	276000360237710	Gs Grizzly		2017	Gymnast	Iccone	H1F	H2N	H3F	H4F	H5N	CDF	ZAR Wien	CD Gentest
01	HOLDEUM000357513769	276000357513769	Gs Ildipfal		2014	Impression	Legend	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLAUTM000789302219	040000789302219	Gs Jan		2013	Jackson	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
02	HOLAUTM000424866522	040000424866522	Gs Lion		2013	Lawn Boy	Advent-Red	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLAUTM000347391218	040000347391218	Gs Nabucco		2013	Número Uno	Snowman	H1N	H2N	H3P	H4N	H5N	CDP	ZAR Wien	CD 99% Traegerwahrscheinlichkeit
01	HOLAUTM000898988318	040000898988318	Gs Snow		2012	Snowman	Million	H1N	H2N	H3P	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000952479466	276000952479466	Gs Superbo		2017	Superhero	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	ZAR Wien	CD Gentest
01	HOLAUTM000412563129	040000412563129	Gs Superso		2015	Supershot	Jackson	H1F	H2N	H3F	H4F	H5N	CDN	ZAR Wien	
01	HOLDEUM001266700947	276001266700947	Guan	804310	2012	Guarini	Jefferson	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
01	HOLDEUM000537611409	276000537611409	Guard	680120	2013	Guarini	Leif	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000580675108	276000580675108	Guarini	811141	2006	Goldwin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116175702	276000116175702	Gubold	567496	2007	Givenchy	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM002211467679	250002211467679	Guenau	823004	2011	Beacon	Planet	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
01	HOLDEUM000769717128	276000769717128	Guide	679310	2011	Guarini	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000447463936	528000447463936	Guido	804086	2006	Goldwin	Outside	H1N	H2P	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000344274090	276000344274090	Gulliver	458356	1999	Gibbon	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356137770	276000356137770	Gulliver	823068	2013	Gunnar	Man-O-Man	H1P	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001401073447	276001401073447	Gulliver	830920	1999	Guicher So	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500838492	276001500838492	Gunnar	804049	2006	Goldwin	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000667050697	276000667050697	Gunshot	619186	2017	Gymnast	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLFRAM000111024757	250000111024757	Gurham	599476	2011	Durham Red	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000231656205	528000231656205	Gurt	563030	1998	Gibbon	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000112123679	276000112123679	Gusli	563492	1999	Glenwood	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000133574995	840000133574995	Guss	505455	2002	Garter	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000494034020	528000494034020	Gustaaf	927047	2009	Stabilo	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247560	208005126001159	Gustav	802619	2003	Good	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000526154931	528000526154931	Gustavo	822402	2009	Gibor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000639499558	528000639499558	Gustavo	811507	2013	Galaxy	Beacon	H1N	H2N	H3N	H4N	H5P	CDF	RBB	CD Gentest
01	HOLDEUM000346676112	276000346676112	Gutsherr	463182	2003	Good	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355100873	276000355100873	Gwildis	334147	2011	Goldday	Cassano	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359925805	276000359925805	Gymondo	833296	2017	Gymnast	Kingboy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000359771123	276000359771123	Gypsy	265475	2017	Gymnast	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000360324663	276000360324663	Gywer RDC	833283	2017	Gymnast	Lobach	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580367145	276000580367145	HHG Mankov	840786	2005	Manager ET	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000580566431	276000580566431	HHGOkinawa	634944	2006	Okendo	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580566402	276000580566402	HHG_Okelli	840797	2005	Okendo	Lheros	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352232395	276000352232395	HKT	332525	2008	Tequila RF	Damion	H1N	H2N	H3P	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000533099495	276000533099495	HabitusALL	669317	1999	Linstar	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000536897103	276000536897103	Hacker	678317	2011	Hayden	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM001500522748	276001500522748	Haendel	821144	1999	Heldostar	Valvano ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000254146	208005609302036	Hafnar	333095	2009	Hayden	Laudan	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000234728615	528000234728615	Hagakan	914546	1999	Hartstocht	Labelle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342980415	276000342980415	Hakim	810706	1999	Hondo Aero	Black	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000399172371	528000399172371	Hakim	831836	2005	Hanno	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCZEM000003665081	203000003665081	Halibut	505665	2003	Marshall	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401190977	276001401190977	Hall	830900	1999	Heldostar	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538551456	276000538551456	Halo	823140	2014	Halogen	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001402667455	276001402667455	Halon	831895	2005	Hanno	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001261455233	276001261455233	Hamadi P	811592	2016	Hologram P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000356127020	276000356127020	Hamakari	335140	2013	Highway	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000399172489	528000399172489	Hamilton	831865	2005	Hanno	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000947694788	528000947694788	Hamiro	811562	2015	Heavey	Numero Uno	H1F	H2N	H3C	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000539748080	276000539748080	HanSolo P	684676	2017	Hologram P	Supershot	H1F	H2N	H3C	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000356737438	276000356737438	Handout	335419	2013	Headliner	Domain	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000427086078	528000427086078	Hanjo	831862	2005	Hanno	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344688411	276000344688411	Hannes	801665	1998	Hondo Aero	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000122451235	276000122451235	Hannibal	499098	2017	Hotshot	Montross	H1F	H2N	H3F	H4F	H5P	CDF	Goepel	CD Gentest
01	HOLDEUM000344688429	276000344688429	Hanno	830838	1999	Hondo Aero	Juror	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000920855399	528000920855399	Hanoi	833093	2014	Halogen	Gerard	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000539675032	276000539675032	Hansa P	684673	2017	Superhero	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000343357550	276000343357550	Hanseat	325670	1999	Hondo Aero	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000346223129	276000346223129	Hansi	461828	2001	Hershel	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000525907707	528000525907707	Happyness	822380	2009	Jango	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000353718938	276000353718938	Hardak	832516	2010	Hayden	Titanic	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLIRLM191080530443	372191080530443	Harlekin	672951	2004	Harry NL	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000424333700	528000424333700	Harmonie	831843	2005	Hanno	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000492086670	528000492086670	Harmony	917166	2007	Elayo	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000376958556	528000376958556	Harrison	633753	2004	Harry NL	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLGBRM000000656208	826917137312664	Harry MR	832611	2012	Observer	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000366695357	528000366695357	Harsco	327879	2002	Hunter NL	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666391116	276000666391116	Harting	619095	2013	Hefty	Planet	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000737101883	528000737101883	Harvey	335051	2012	Hunter	Super	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001405290450	276001405290450	Hashtag P	572950	2017	Hologram P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000114982937	528000114982937	Hattrick	820185	1994	Horton	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000111913247	276000111913247	Havanna	563468	1999	Hondo Aero	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000234224841	528000234224841	Hawai	631602	1999	Hondo Aero	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343003493	276000343003493	Haydo	325671	1998	Heldostar	Leopard ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM004241542300	250004241542300	Haymont	636940	2009	Hayden	Rouki	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000549347198	528000549347198	Haytema	588024	2012	Dakker	Kylian	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
02	HOLCANM000006172145	276000101790353	Haze	592210	1994	Milestone	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578964092	276000578964092	Headline	669908	2000	Herald	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000113482659	276000113482659	Healey	916802	2003	Hero Red	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579406700	276000579406700	Hearing	670900	2002	Hershel	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000136846282	840000136846282	Hearty-Red	297873	2005	September	Hero Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001400912553	276001400912553	Hebel	830796	1998	Heldostar	Sand	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533520064	276000533520064	Hebron	670411	2001	Hershel	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000359235495	276000359235495	Hector PP	833246	2016	Hologram P	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579109219	276000579109219	Hedon	326890	2000	Herald	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000818176241	528000818176241	Heekster	297230	1992	Pigeonwood	Feik Boppe	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353636009	276000353636009	Heester	148556	2009	Hayden	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
02	HOLNLDM000274235612	528000274235612	Heide	922104	2001	Ferdi	H. Jardin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000693305505	528000693305505	Heinrich	823016	2011	Snowman	Shottle	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLAUTM000516842634	040000516842634	Hektor	830909	1999	Heldostar	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343085218	276000343085218	Helas	830788	1998	Heldostar	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400896299	276001400896299	Helax	830785	1998	Heldostar	Clown	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000130854551	840000130854551	Helco	505205	2000	Herald	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343337409	276000343337409	Held	810723	1999	Heldostar	Bob	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000811285881	276000811285881	Helder all	761397	1999	Heldostar	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001400912598	276001400912598	Heler	830825	1998	Heldostar	Starwar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401171743	276001401171743	Helgo	830896	1999	Heldostar	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401099088	276001401099088	Helidor	830858	1999	Heldostar	Chesapeake	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344645830	276000344645830	Helix	830893	1999	Heldostar	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000136684235	840000136684235	Helix-Red	297840	2005	Talent2	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000344607833	276000344607833	Hellas	326254	1999	Heldostar	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357810874	276000357810874	Hellas	156558	2016	Heffner	Balisto	H1F	H2N	H3F	H4F	H5P	CDF	VOST	CD Gentest
01	HOLDEUM001403240129	276001403240129	Hellfire	832104	2007	Herzbube	Trent	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000129272500	840000129272500	Hellion	297598	2000	Shandy RC	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343203636	276000343203636	Hellmer RF	326105	1999	Heldostar	Lux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401203420	276001401203420	Helson	830841	1999	Heldostar	Lew	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579444133	276000579444133	Hemsby	670562	2001	Hershel	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000008346957	12400008346957	Henchman	670499	2001	Hershel	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLFRAM002224586703	250002224586703	Henderson	830834	1998	Henu Mas	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579094801	276000579094801	Hengelo	670670	2001	Hershel	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579414588	276000579414588	Hennessy	670744	2001	Hershel	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002929868623	250002929868623	Henning	802535	2001	Herald	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000132030605	840000132030605	Hepcat Red	297671	2001	Lentini RF	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579450842	276000579450842	Herak	840599	2002	Hershel	Cash	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000113080239	276000113080239	Herakles	810827	2000	Herald	Mason	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000344607810	276000344607810	Herbst	821134	1999	Hondo Aero	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000008554939	124000008554939	Herby	327432	2001	Hershel	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113140082	276000113140082	Herby	831168	2001	Herald	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347086803	276000347086803	Hereux	255745	2001	Hershel	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000767986445	276000767986445	Heridon	328272	2003	Hunter NL	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401606208	2760001401606208	Herkules	831043	2000	Herald	Dannix	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135989346	840000135989346	Herler	505720	2004	Titanic	Convincer	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001401681093	276001401681093	Hermelin	831224	2001	Hershel	Diapason	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM008501200038	250008501200038	Hermelin	821271	2000	Herald	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM001012289724	276001012289724	Hermes	135848	1994	Helix	Alpenking	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM002941264221	250002941264221	Hermes	821195	2000	Herald	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000326657920	528000326657920	Hermes	632581	2001	Hershel	Addison	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000132883249	840000132883249	Hero	505427	2001	Hershel	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579325736	276000579325736	Herodes	810866	2001	Hershel	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000533839212	276000533839212	Herogall	671421	2003	Eminenz	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343292587	276000343292587	Herold	801098	1998	Heldostar	Chesapeake	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000108553476	276000108553476	Heros	591500	1994	Helix	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345679934	276000345679934	Herrscher	459805	2000	Herald	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000331535686	528000331535686	Herson	840604	2002	Hershel	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000290701906	528000290701906	Herz-Ass	669916	2000	Herald	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000331444678	528000331444678	Herzbube	831161	2001	Hershel	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500638649	276001500638649	Heskey	821296	2001	Hudson	Gibbon	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLCZEM000110395585	203000110395585	Hezop	505241	2000	Hondo Aero	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000136763574	840000136763574	Hidalgo	297874	2005	Jordan-Red	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000355918056	276000355918056	Highlife	477772	2012	Highway	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579444127	276000579444127	Highlight	632925	2001	Hershel	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120609207	276000120609207	Hightec	570425	2012	Hill	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000535968977	276000535968977	Hightec	677666	2010	Hayden	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLFRAM002833164773	250002833164773	Hillo	335050	2012	Hill	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOL840M003139851225	840003139851225	Himark	508607	2017	Granite	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001500945467	276001500945467	Hinrich	822364	2008	Virzil	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344607825	276000344607825	History	821135	1999	Hondo Aero	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000359514814	276000359514814	Hit PP RDC	833258	2017	Hologram P	Debutant	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000667085302	276000667085302	Hockey PP	619178	2017	Hologram P	Eraser P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001401029531	276001401029531	Hoki	830778	1998	Hondo Aero	Greoux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343239319	276000343239319	Holger	801698	1999	Hondo Aero	Luke	H1P	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000577939199	276000577939199	Holiday	456955	1998	Heekster	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135884922	840000135884922	Hollis	505655	2004	Titanic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345210956	276000345210956	Hollywood	326842	2000	Heldostar	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM002053830101	276002053830101	Holm	810125	1992	Hillstar	Lois	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000359210704	276000359210704	Holo PP	264915	2016	Hologram P	Eraser P	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000539785415	276000539785415	Holster P	797030	2017	Hologram P	Commander	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000359306588	276000359306588	Honda PP	833244	2017	Hologram P	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001400947971	276001400947971	Hondax	830735	1998	Hondo Aero	Van	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401106834	276001401106834	Hondur	830840	1999	Hondo Aero	Ugela Bell	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001270131616	276001270131616	Honduras	801680	1999	Hondo Aero	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000811464253	276000811464253	Honelt	761392	1999	Hondo Aero	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000344688421	276000344688421	Honorar	801682	1999	Hondo Aero	Juror	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578659402	276000578659402	Honorio	254590	1999	Hondo Aero	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000356333340	276000356333340	Honorius	570443	2013	Hill	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDNKM00000255244	208006257703649	Hood-Red P	499006	2011	Sterling	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000343239314	276000343239314	Hopeful	669132	1999	Hondo Aero	Luke	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000952003810	276000952003810	Hopeful PP	833248	2017	Hologram P	Jacey	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000111913246	276000111913246	Hopestar	669092	1999	Hondo Aero	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002219450003	250002219450003	Hopkins	472461	2009	Howie	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002211467780	250002211467780	Horeo	823041	2012	Palermo	Bolton	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001405290381	276001405290381	Hornbill	823202	2016	Hologram P	Nominee	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000767986429	276000767986429	Horus	810952	2003	Hunter NL	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000359235112	276000359235112	Hossard P	768303	2017	Hologram P	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
02	HOLCANM000101848020	124000101848020	Hot Shot	916858	2003	Paradox	Cliffhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000751090118	528000751090118	Hotdoor	619140	2015	Altahotrod	Doorman	H1C	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000359820217	276000359820217	Hotfire P	833247	2017	Hologram P	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOL840M003129038098	840003129038098	Hotpepper	811554	2015	Altahotrod	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000357479524	276000357479524	Hotspot	833063	2014	Hunger	Gold Chip	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000539675034	276000539675034	Hotspot P	684671	2017	Superhero	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000359679358	276000359679358	Hotstar	833214	2016	Hotshot	Montross	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001502327247	276001502327247	Hoym	821117	1999	Hondo Aero	Horace	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355698669	276000355698669	Hullmann	334866	2012	Omanoman	Joker ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000111188030	056000111188030	Humor	917434	2012	Rush RF	Tequila	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000132867539	840000132867539	Humor	505309	2001	Marshal ET	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000767081793	528000767081793	Humphrey	804328	2013	Hunter	Pronto	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLUSAM000062188586	840000062188586	Humphrey	505789	2005	Magical	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537815693	276000537815693	Huntelaar	680231	2013	Hunter	Gofast	H1N	H2N	H3P	H4N	H5N	CDN	RUW	CD Gentest
01	HOLNLDM000531740714	528000531740714	Husar	148570	2009	Howie	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000353837449	276000353837449	Hybrid	333237	2010	Hayden	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001264519228	276001264519228	Hype	823192	2016	Harper	Model	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLNLDM000569744852	528000569744852	Hynes	832561	2010	Destry	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001305124819	276001305124819	Ian	823174	2015	Icône	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001404369146	276001404369146	Ianto	832603	2012	Altalota	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001403344015	276001403344015	Iberon	832180	2007	Intruder	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111969142	276000111969142	Ibis	563495	1999	Igale Masc	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000538821032	276000538821032	lbsen	156554	2016	Icône	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLUSAM000017104495	840000017104495	lbuck	504649	1996	Astre	Fargo ET	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002934543210	250002934543210	Icard	840485	1999	Icarios	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351142720	276000351142720	Icarus	259529	2007	Icefyre	Morty	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000354803109	276000354803109	Ice Age	475541	2011	Altalota	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358774630	276000358774630	Iceland	833161	2015	Icône	Epic	H1F	H2N	H3C	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000258363	208003200303499	Icronic	767999	2015	Icône	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000579531185	276000579531185	Idaris	462078	2002	Inquirer	Kent	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401764281	276001401764281	Idefix	831300	2001	Istar Aero	Tornado	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000696741531	528000696741531	Identic	917411	2011	Ideal	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000349957882	276000349957882	Ideon	144480	2006	Ijssel	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000060540347	840000060540347	Idol	505426	2002	Inquirer	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000248743413	528000248743413	Igalex	669114	1999	Igale Masc	Lexus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001600941782	276001600941782	Igalex ET	840483	1999	Igale Masc	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000578652997	276000578652997	Igalom	669430	1999	Igale Masc	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000811464259	276000811464259	Igbel	761609	1999	Igale Masc	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001405153825	276001405153825	Igedo	811573	2016	Icane	Bynke	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001401124624	276001401124624	Igel	830888	1999	Igale Masc	Curious ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578914045	276000578914045	Igema	669780	2000	Igale Masc	Labelle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344262132	276000344262132	Iglor	459201	1999	Igale Masc	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401323057	276001401323057	Igor	830880	1999	Igale Masc	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000766178645	528000766178645	Igor PP	478103	2013	Parker P	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLIRLM00000598459	372001649550265	Iguatu	669222	1999	Igale Masc	Besne Buck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000134017828	840000134017828	igwam	505482	2003	Stormatic	Stoneham	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358462876	276000358462876	Ikarus	823177	2015	Icane	Boss	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000950350390	276000950350390	Ikarus P	499058	2015	Icane	Earnhardt	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLFRAM002930982080	250002930982080	Ikon	830994	2000	Icarios	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354833448	276000354833448	Ilai	476025	2011	Altalota	Jefferson	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001501186655	276001501186655	Ilan	811421	2011	Altalota	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000354833429	276000354833429	Illano	476021	2011	Altalota	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358996209	276000358996209	Illinois	833167	2015	Icane	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000344764326	276000344764326	Illtis	840468	1999	Igale Masc	Colon	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000539855550	276000539855550	Image	833323	2017	Imax	Jedi	H1F	H2N	H3F	H4F	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000354902373	276000354902373	Imenso	476024	2012	Altalota	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM003593049710	250003593049710	Imerald	504323	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345059419	276000345059419	Immun	326683	1999	Italie Mas	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344150836	276000344150836	Impedo	459220	1999	Igale Masc	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUTM000213927534	040000213927534	Imperator	831099	2001	Icarios	Formation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579478519	276000579478519	Impetall	670847	2002	Trailor	Orlo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350767962	276000350767962	Impuls	804058	2006	Ijssel	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578694018	276000578694018	Impuls	810768	1999	Italie Mas	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002993035010	250002993035010	Inachos	504322	1993	Mascot	Winken	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLBELM000733216010	056000733216010	Inch	831448	2002	Income	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000008783479	124000008783479	Incredibil	671908	2003	Morty	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLAUTM000057203322	040000057203322	Inder	2012	Altalota	Jobert	H1N	H2N	H3N	H4P	H5N	CDN	ZAR Wien		
01	HOL840M0003141608158	840003141608158	Indianday	508829	2017	Imax	Boastful	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001273114135	276001273114135	Indigo	801724	1999	Igale Masc	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346427244	276000346427244	Indiro	462084	2002	Inquirer	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001300644053	276001300644053	Indiz	801729	1999	Igale Masc	Bookie	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000246600	208005181402294	Indomito	671001	2002	Inquirer	Winchester	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401955425	276001401955425	Indurain	831308	2002	Inquirer	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000295615051	528000295615051	Indy	831365	2002	Inquirer	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348144949	276000348144949	Inferno	464511	2004	Interval	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112665555	276000112665555	Infrarot	564068	2000	Igale Masc	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000246593	208004317101058	Ingbert	831413	2002	Inquirer	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346427249	276000346427249	Ingmar	463044	2002	Inquirer	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001302204312	276001302204312	Ingmar	802613	2003	Inquirer	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000751020494	528000751020494	Ingmar	619136	2015	Icane	Lexor	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000537242539	276000537242539	Ingo	804298	2011	Altalota	Alexander	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000344953498	276000344953498	Ingolf	801717	1999	Italie Mas	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM004109202833	208004109202833	Ingwer	821310	2001	Inquirer	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000767689283	276000767689283	Inka	810774	1999	Italie Mas	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001273114148	276001273114148	Inka	801727	2000	Italie Mas	Dannix	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM00000246132	20800372301841	Inkas	831267	2001	Inquirer	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401467919	276001401467919	Inko	831314	2002	Inquirer	Mateo RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812180209	276000812180209	Inlee	762369	2002	Inquirer	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLCANM000104207408	124000104207408	Inlicht	297933	2006	Lichtblick	Faber	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000009372100	124000009372100	Inning	670820	2001	Inquirer	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000245861	208003754602527	Inquisor	670932	2002	Inquirer	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000920078516	528000920078516	Inside P	298281	2014	Kanu P	Dertour	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLCANM000009372048	124000009372048	Insider	670423	2001	Inquirer	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579505736	276000579505736	Insider	256600	2002	Inquirer	Rocket	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000121814280	276000121814280	Inspector	571911	2015	Icane	Chevrolet	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000347425120	276000347425120	Instant	831304	2002	Inquirer	Dracula	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112720009	276000112720009	Integral	326437	1999	Igale Masc	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001600504520	276001600504520	Integre	840353	1997	Integrity	Raider	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600154561	276001600154561	Inteley	840283	1996	Integrity	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001602328444	276001602328444	Intemo	840918	2008	Intruder	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLDEUM000347425130	276000347425130	Intendant	831337	2002	Inquirer	Melwood	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000348480381	276000348480381	Intensiv	466026	2005	Interval	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360044741	276000360044741	Intercity	833322	2018	Imax	Doorsopen	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000348565549	276000348565549	Interno	465666	2005	Interval	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402217655	276001402217655	Interpret	831480	2003	Int.Ace	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000213133247	528000213133247	Interval	456666	1997	Gibbon	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000007338894	124000007338894	Intouch	670837	2002	Inquirer	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346349477	276000346349477	Inturo	461914	2002	Inquirer	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000052849598	840000052849598	Ion	506056	2007	Jet Stream	Teamster	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM00000254778	208003001001766	Iowa	149973	2011	Altalota	Mac	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLCANM000105660831	124000105660831	Ipod P	917292	2009	Mitey P	Ludox	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000344470407	276000344470407	Ipoly	459214	2000	Igale Masc	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112496046	276000112496046	Iridium	564050	1999	Italie Mas	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000767652943	276000767652943	Iron	821180	1999	Italie Mas	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666761983	276000666761983	Ironboy	833137	2015	Icane	Meridian	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLCANM000106372011	124000106372011	Ironman	506511	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	Qnetics	
01	HOLUSAM000137174450	840000137174450	Ironman	330097	2005	Ivory	Sunbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000966250617	528000966250617	Isco Red	587522	2015	Magnum	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000767652930	276000767652930	Isfahan	564042	1999	Italie Mas	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM00000235062	208007338000291	Isidni ET	235062	1994	Oscar ET	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM003704255057	250003704255057	Isidor	830875	1999	Istar Aero	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404658572	276001404658572	Iskas	832861	2013	NOG Ikaro	Niagra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767764523	276000767764523	Island	564728	2001	Istar Aero	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358660531	276000358660531	Islay	833138	2015	Icane	Bedford	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000112162049	276000112162049	Iso	564055	1999	Igale Masc	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345785690	276000345785690	Isor	831188	2001	Istar Aero	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344089383	276000344089383	Isostar	810786	2000	Igale Masc	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000354864628	528000354864628	Istanbul	821371	2002	Inquirer	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000663204003	276000663204003	Isthmus	331187	2007	Intruder	Boss Iron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001600955742	276001600955742	Istro ET	840495	1999	Istar Aero	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000767649747	276000767649747	It Goes	669386	1999	Italie Mas	Franco Gen	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001601240224	276001601240224	Italer	840514	2000	Italie Mas	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000344296780	276000344296780	Italo	459206	2000	Italie Mas	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000235063	208005312801140	Itatsi	235063	1994	Oscar ET	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000533264764	276000533264764	Itello	669785	2000	Italie Mas	Merrill	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344840661	276000344840661	Itoda	669385	1999	Italie Mas	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578906248	276000578906248	Its Me	669563	2000	Italie Mas	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000258245	208003372306989	Iveco	833140	2015	Icane	Bynke	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000355726519	276000355726519	Iven	804316	2012	Ironman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM000112485556	276000112485556	Ivory	564428	2000	Istar Aero	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000767652948	276000767652948	Ixion	821168	1999	Italie Mas	Horton	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000135582213	840000135582213	J G Derek	505797	2004	Good	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000061720116	840000061720116	JFK Red	297813	2004	Jordan-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000534857396	276000534857396	Jaapall	675441	2007	Janos	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000351461069	276000351461069	Jabach	471841	2008	Jango	Bruce	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000113080334	276000113080334	Jabadu	564948	2001	Jocko Besn	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001403214086	276001403214086	Jabato	832278	2008	Jango	James	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000235543	208004706101120	Jabber ET	235543	1994	Sammy	Chief Mark	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350297829	276000350297829	Jabellu	567434	2006	Jefferson	Best	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLCANM000007838928	124000007838928	Jabez	674467	2006	More	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000139764631	840000139764631	Jabez	506273	2009	Jango	Goldwin	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000117169756	276000117169756	Jabiri	822428	2010	Juwel	Billion 3	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000535272165	276000535272165	Jablo	676029	2008	Jardin	O-Man	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000351123629	276000351123629	Jabono	811196	2007	Janosch	Stormatic	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000767953873	276000767953873	Jaborg	326946	2001	Jocko Besn	Rudolph	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000345943292	276000345943292	Jabran	460001	2000	Jocko Besn	Puchter	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352808208	276000352808208	Jabulani	332856	2009	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265168494	276001265168494	Jacardo	811163	2006	Jefferson	Allen	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLNLDM000321563778	528000321563778	Jacinto ET	840559	2001	Jocko Besn	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352950097	276000352950097	Jacio	832496	2010	Jango	O-Man	H1N	H2N	H3P	H4P	H5N	CDN	MAR	
01	HOLDEUM000345909625	276000345909625	Jack	460752	2000	Jocko Besn	Mandel	H1N	H2N	H3N	H4P	H5N	CDN	Greifenb	
01	HOLDEUM000534924833	276000534924833	JackStream	635521	2007	Jet Stream	Morty	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLUSAM000062313734	840000062313734	Jackel P	298040	2009	Lawn Boy	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535272108	276000535272108	Jacket	675894	2007	Jardin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535175491	276000535175491	Jackknife	676470	2008	Jardin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000060537667	840000060537667	Jacko Red	297666	2001	Sovereign	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345679093	276000345679093	Jackomo	810857	2001	Jocko Besn	Slocum	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000345515652	276000345515652	Jackpot	460602	2000	Jocko Besn	Mandel	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000344171667	276000344171667	Jackson	459815	2000	Jocko Besn	Washington	H1N	H2N	H3P	H4P	H5N	CDN	MAR	
01	HOLDEUM001303528834	276001303528834	Jackson	804221	2009	Juwel	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000522209631	528000522209631	Jackson	148572	2009	Jeeves	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLUSAM000135928615	840000135928615	Jackson	926427	2004	Jordan-Red	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535818861	276000535818861	Jacky	676946	2009	Jardin	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M003135332013	840003135332013	Jacob	811568	2016	Jedi	Halogen	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLUSAM000139764668	840000139764668	Jacob	506274	2009	Jango	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000061306077	840000061306077	Jacomo	926423	2003	Jordan-Red	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535272171	276000535272171	Jacquard	676028	2008	Jardin	O-Man	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000113640096	276000113640096	Jadanko	565762	2003	Jocko Besn	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM00035053507	27600035053507	Jadant	468503	2006	Janos	Pedant	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000350353212	276000350353212	Jade	145531	2006	Jardin	Lee	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000580251464	276000580251464	Jaden	917035	2005	Jardino	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350740799	276000350740799	Jadera	145562	2007	Jardin	Titanic	H1P	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000526457070	528000526457070	Jadis	636808	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	Qnetics	
02	HOLDEUM000114969587	276000114969587	Jadomo	597191	2004	Jordan-Red	Cared	H1P	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000579174093	276000579174093	Jadomo	915799	2001	Jaromir	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000812968387	276000812968387	Jadon	996607	2004	Jordan-Red	Cadon	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001403976835	276001403976835	Jadon	832538	2010	Jake	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001403069246	276001403069246	Jadou	832031	2006	Jordan-Red	Pericles 2	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403976834	276001403976834	Jafar	832537	2010	Jake	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662771059	276000662771059	Jaffa	675103	2007	Jannsen	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350563686	276000350563686	Jagdherr	468819	2006	Janos	Lukas	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000350369084	276000350369084	Jagello	468509	2006	Jackpot	Aaron	H1P	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001305575978	276001305575978	Jagger	572991	2017	Jetset	Commander	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000351972636	276000351972636	Jagnet	840977	2008	Jango	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
02	HOLDEUM000111794006	276000111794006	Jago	594329	1998	Jurist	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000695678005	528000695678005	Jagodas	472390	2009	Jango	Stormatic	H1N	H2N	H3N	H4P	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000350369084	276000350369084	Jagold	468513	2006	Jefferson	Lucky Leo	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000493906038	528000493906038	Jaguar	822329	2008	Stol Joc	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLFRAM002920195598	250002920195598	Jahito	469311	2006	Jefferson	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116296149	276000116296149	Jailer	822363	2008	Jannsen	Mr.Sam	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLDM000445650846	528000445650846	Jakarta	674931	2006	Janos	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000750760847	528000750760847	Jake	681820	2016	Jetset	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
02	HOLUSAM000060048700	84000060048700	Jake-Red	297654	2001	Sovereign	Johnson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000122428158	276000122428158	Jakobi	587547	2017	Ju Red	Bolt RF	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000350739866	276000350739866	Jakobi	804060	2006	Janos	Emerson	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000350275692	276000350275692	Jakobiner	468811	2006	Janos	Outside	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000347238106	276000347238106	Jakobus	141923	2001	Jocko Besn	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001600980036	276001600980036	Jakobus	840542	2001	Jocko Besn	Bestow	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000353100851	276000353100851	Jakonon	333240	2010	Jake	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350807144	276000350807144	Jakonit	468817	2006	Jefferson	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000944523030	276000944523030	Jakowin	795490	2010	Jake	Win 395	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
02	HOLLUXM000898651838	442000898651838	Jakuzzi	926709	2006	Joyboy	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002931253781	250002931253781	Jalabert	330890	2006	Jefferson	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353051646	276000353051646	Jalapeno	472374	2009	Juwel	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353452827	276000353452827	Jalas	261110	2009	Jake	Leopard	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000580046448	276000580046448	Jalax	463870	2003	Jordan-Red	Jerom	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000445320730	528000445320730	Jaloba	832458	2009	Jango	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000579310731	276000579310731	Jalta	256088	2001	Jasper	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM00000252335	208003139102158	Jalta	148041	2008	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001601388658	276001601388658	Jalto	810904	2002	Jedstar	Gigh	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346772069	276000346772069	Jalu	810947	2002	Juote	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346356759	276000346356759	Jalusko	461819	2002	Jasper	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303117813	276001303117813	Jamaika	804114	2007	Jango	Best	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLDM000522202623	528000522202623	Jamala	832320	2008	Jango	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000007997077	124000007997077	Jamari	822263	2007	Bolton	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000717368158	528000717368158	Jamas	149912	2010	Jake	Damion	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000117048610	276000117048610	Jamasco	599466	2010	Jerudo	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350665625	276000350665625	Jamasko	469067	2006	Janos	Lee	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000350750647	276000350750647	Jambas	468502	2006	Janos	Lake	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534935096	276000534935096	Jamboree	675677	2007	Jardin	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000750760885	528000750760885	Jameson	833199	2016	Jetset	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDNKM00000252150	208003883602512	Jamil	636001	2008	Juwel	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000113393063	276000113393063	Jamingo	596259	2002	Jerom	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOL840M003010356301	840003010356301	Jamming	507580	2014	Jerod	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000522909609	528000522909609	Jamnio	568553	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000522512717	528000522512717	Jamondo	472873	2009	Jango	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001302894329	276001302894329	Jan	804063	2006	Janos	Good	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000331452549	528000331452549	Jan-Malte	821312	2001	Jesther	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350369043	276000350369043	Janathan	468040	2006	Jannsen	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350660578	276000350660578	Janbillo	468516	2006	Jannsen	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403673659	276001403673659	Janburio	832486	2009	Jango	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000345199616	276000345199616	Jancker	821199	2000	Jocko Besn	Geoffry	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLDM000562147458	528000562147458	Jancko PP	833319	2017	Charles-p	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001265190564	276001265190564	Jandal	811210	2007	Jefferson	Morty	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM001500877151	276001500877151	Jander	822191	2006	Jannsen	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351265870	276000351265870	Jandini	471616	2008	Jango	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352269435	276000352269435	Jandro	260590	2008	Jango	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000813755474	276000813755474	Jandro	469902	2007	Janos	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347136242	276000347136242	Jango	831082	2000	Jocko Besn	Lukas	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001502341005	276001502341005	Jango	821230	2000	Jocko Besn	Horace	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000527390480	528000527390480	Jangold	765500	2009	Jango	Goldwin	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000348961669	276000348961669	Janino	468511	2006	Janos	Jesther	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000352988241	276000352988241	Janis	260599	2009	Jango	Outside	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000200022845	276000200022845	Janiso	596257	2001	Jifro Red	Solhil	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000666519825	276000666519825	Janitor	619107	2014	Jackman	Epic	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000943048766	276000943048766	Janitos	795290	2008	Jango	Lee	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
02	HOLNLDM000647435988	528000647435988	Janko P	917578	2014	PerfectAik	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000348983768	276000348983768	Janmaat	468044	2006	Janos	Elmo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352623900	276000352623900	Jannes	148537	2008	Jardin	Reaktor	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000112771471	276000112771471	Jannik	564488	2000	Jocko Besn	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401465943	276001401465943	Jannis	632383	2001	Jocko Besn	Cubby	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001403836812	276001403836812	Jannis	804244	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000345515651	276000345515651	Jannsen	821197	2000	Jocko Besn	Mandel	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLNLDM000940628944	528000940628944	Jano	917507	2012	Dertour	Kylian	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000345748022	276000345748022	Janos	459998	2000	Jocko Besn	Juror	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000345515661	276000345515661	Janosch	810815	2000	Jocko Besn	Mandel	H1N	H2N	H3N	H4P	H5N	CDN	RBB	CD Gentest
01	HOLDEUM001302894468	276001302894468	Janpeter	804107	2007	Janos	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402700383	276001402700383	Janson	831819	2005	Jolus	P. Elation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343983068	276000343983068	Janther	459810	2000	Jocko Besn	Mountain	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000347450021	276000347450021	Janthur	327577	2002	Jedstar	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534937876	276000534937876	Jantis	676064	2008	Jardin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000521751326	528000521751326	Jantop	832338	2008	Jango	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346772066	276000346772066	Jantus	463040	2003	Juote	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000691393399	528000691393399	Janus	148519	2009	Juwel	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000115490134	276000115490134	Janz	567753	2006	Janos	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000346242148	276000346242148	Japan	461097	2001	Jesther	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602484737	276001602484737	Japman	636442	2008	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000525966405	528000525966405	Jaquare	832349	2008	Jango	Burt	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001403055819	2760001403055819	Jaques	832046	2006	Jancker	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351922909	276000351922909	Jara	597797	2007	Joyboy	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350154429	276000350154429	Jarandos	468181	2006	Janos	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000943121076	276000943121076	Jaranic	795334	2008	Jardin	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	Memminge	
01	HOLDEUM000535108627	276000535108627	Jarans	635937	2007	Jardin	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345379222	276000345379222	Jardin	141437	2001	Jocko Besn	Tonic	H1N	H2N	H3N	H4P	H5N	CDN	VOST	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000139026472	840000139026472	Jardin Tim	506135	2008	Jardin	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000350857886	276000350857886	Jardino	259320	2007	Jardin	Champion	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
02	HOLNLDM000203965779	528000203965779	Jardino	913599	1997	H. Jardino	Marty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351274381	276000351274381	Jardo	148056	2007	Jardin	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000535107528	276000535107528	Jardos	811221	2007	Jardin	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347906735	276000347906735	Jargas	328201	2002	Jocko Besn	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000328731156	528000328731156	Jargier	996085	2001	Jargol	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001301735061	2760001301735061	Jargon	802553	2002	Jasper	Moto	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM020990274610	380020990274610	Jarik	148016	2007	Jardin	Zarik	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLFRAM008842197993	250008842197993	Jarint	331404	2007	Jardin	O-Man	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000469574058	528000469574058	Jaris	674943	2007	Janos	Steven	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000814086397	276000814086397	Jarley	764570	2008	Jardin	Finley	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000811643379	276000811643379	Jarnack	761924	2000	Jarny jabo	Black	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000531685523	528000531685523	Jarne	636286	2009	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345291012	276000345291012	Jarno	327081	2001	Jocko Besn	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811082425	276000811082425	Jarnus	821087	1998	Jolt	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403676200	276001403676200	Jarock	832452	2009	Jango	O-Man	H1N	H2N	H3P	H4P	H5N	CDN	MAR	
01	HOLDEUM000768113770	276000768113770	Jarodin	565703	2002	Jocko Besn	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001273400082	276001273400082	Jaromir	811268	2008	Jet Stream	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352800355	276000352800355	Jaroso	472408	2009	Jango	Modest	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001500648254	276001500648254	Jarow	821285	2001	Jorriellake	Design	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500593689	276001500593689	Jarox	821279	2001	James	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM00000251961	208004181502004	Jarret	675737	2007	Jardin	Lambda	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000535272107	276000535272107	Jarron	675893	2007	Jardin	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351018738	276000351018738	Jarsther	764437	2007	Jardin	Jesther	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLNLDM000498914810	528000498914810	Jarsum	148023	2008	Jardin	Hershel	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM001500877153	276001500877153	Jarubo	822190	2006	Jannsen	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350722015	276000350722015	Jarudo	469075	2006	Janos	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535402911	276000535402911	Jarus	676354	2008	Jardin	Champion	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLNLDM000726788752	528000726788752	Jarville	832576	2011	Beacon	Moscow	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000351611541	276000351611541	Jasano	470283	2007	Janos	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115965810	276000115965810	Jascut	567488	2007	Jardin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350712276	276000350712276	Jasibo	468626	2006	Janos	Rudolph	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000350768009	276000350768009	Jasiel	804112	2007	Jardin	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000065597481	840000065597481	Jasmin	676146	2008	Jardin	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347596520	276000347596520	Jaso	821325	2001	Jasper	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000357685745	276000357685745	Jason	154216	2015	Joyride	Meridian	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001500101272	276001500101272	Jason	811202	2007	Jefferson	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000579325767	276000579325767	Jaspis	810875	2001	Jasper	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346301261	276000346301261	Jaspo	463043	2002	Jasper	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346718317	276000346718317	Jasputin	462771	2002	Jasper	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402985971	276001402985971	Jasser	822213	2006	Jannsen	Hershel	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000535683775	276000535683775	Jassim	332068	2009	Jelto	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579017282	276000579017282	Jassir	669808	2000	James	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000489339679	528000489339679	Jassop	832216	2008	Jardin	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM004240419068	250004240419068	Jatagan	669904	2000	Jarny jabo	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000120232097	276000120232097	Jatibo	570408	2011	Jordan	Mac	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000116283228	276000116283228	Jatir	568525	2008	Jango	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500151685	276001500151685	Jaudino	471611	2008	Jardin	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000534739484	276000534739484	Javado	330764	2007	Janos	Morty	H1N	H2N	H3N	H4P	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000346457856	276000346457856	Javaner	463393	2002	Jasper	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352599527	276000352599527	Javid	811297	2008	Jango	Good	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000944470245	276000944470245	Javier	795450	2009	Jake	Jardin	H1N	H2N	H3N	H4P	H5N	CDN	Memminge	
01	HOLDEUM000350297840	276000350297840	Javit	330520	2006	Jefferson	Vitus	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000352344008	276000352344008	Jawoll	472201	2008	Jango	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000738606062	528000738606062	Jayden	474152	2010	Jake	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOL840M003131003460	840003131003460	Jazz	508378	2016	Modesty	Kingpin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000346011766	276000346011766	Jazz	810865	2001	Jocko Besn	Sektor	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000534651731	276000534651731	Jazz	804070	2006	Jefferson	Champion	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000351609926	276000351609926	Jazzboy	469555	2007	Janos	Lee	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLCANM00008534012	12400008534012	Jazzy	297832	2003	Paradox	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768934412	276000768934412	Jeannot	675266	2007	Jefferson	Gibor	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000534651767	276000534651767	Jeans	675253	2007	Jefferson	Best	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000531685415	528000531685415	Jeavon	832522	2010	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580675117	276000580675117	Jebaba	674800	2006	Jefferson	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001602437875	276001602437875	Jebado	840971	2008	Jet Stream	Roy	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
02	HOLNLDM000335697517	528000335697517	Jebori	915950	2001	Jerom	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000813833357	276000813833357	Jeboss	764564	2007	Jefferson	Boss Iron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM002224159604	250002224159604	Jeclas	832374	2009	Jelder	Reclass	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350863977	276000350863977	Jedant	330168	2006	Jefferson	Dante	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000579196356	276000579196356	Jedaron	821303	2001	Jedstar	Ro	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000115690699	276000115690699	Jedelgo	597765	2006	Joyboy	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000113393009	276000113393009	Jederitz	595748	2001	Jerom	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350960268	276000350960268	Jedermann	469063	2006	Jefferson	Durham	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOL840M003136714678	840003136714678	Jedistar	508452	2016	Jedi	Racer	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000578914017	276000578914017	Jedkins	669693	2000	Jeff	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812180180	276000812180180	Jedleader	762368	2002	Jedstar	Starleader	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000812085404	276000812085404	Jedor	762060	2001	Jedstar	Juror	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579407906	276000579407906	Jedorin	670741	2001	Jedstar	Italie Mas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000660102410	276000660102410	Jedstar	820262	1994	Jed	Leadman	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001012266365	276001012266365	Jedstar	135511	1994	Jed	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001500977834	276001500977834	Jeduin	568568	2009	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000347764065	276000347764065	Jedway	821345	2002	Jedstar	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000538569154	528000538569154	Jedwin	636807	2009	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 96% Traegerwahrscheinlichkeit
01	HOLCANM000103320708	124000103320708	Jedy	822205	2006	Shottle	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116593036	276000116593036	Jeep	676660	2008	NOG Jeremy	Champion	H1N	H2P	H3N	H4P	H5N	CDN	RUW	
01	HOLNLDM000694704695	528000694704695	Jeepers	472876	2009	Jeeves	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769527604	276000769527604	Jeeson	261333	2010	Jeeves	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000132883258	840000132883258	Jeeter	505335	2001	Jesther	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402986015	276001402986015	Jeeves	832048	2006	Jefferson	Monza	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUTM000852186317	040000852186317	Jeevman	766004	2010	Jeeves	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000340542561	276000340542561	Jeff	820459	1996	Juror	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813555617	276000813555617	Jeffanic	764111	2006	Jefferson	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351333707	276000351333707	Jeffary	811175	2007	Jefferson	Pedant	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDNKM000000250816	208002981402002	Jeffbob	840850	2006	Jefferson	Bob *CV	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000449850154	528000449850154	Jeffcello	840858	2006	Jefferson	Cello	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000814032404	276000814032404	Jeffem	764798	2008	Jefferson	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000347023457	276000347023457	Jefferson	810833	2000	Jocko Besn	Dominator	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM001265168497	276001265168497	Jeffey	811144	2006	Jefferson	Jesther	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLNLDM000358040260	528000358040260	Jeffgund	840881	2007	Jefferson	Negundo	H1N	H2N	H3N	H4P	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000813580833	276000813580833	Jeffhal	764803	2006	Jefferson	Marshal ET	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000813833383	276000813833383	Jeffheld	764691	2007	Jefferson	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001601186734	276001601186734	Jeffo ET	840518	2000	Jeff	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350406059	276000350406059	Jeffrey	258909	2006	Jefferson	Morty	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
01	HOLDEUM000662849415	276000662849415	Jeffrey	635015	2006	Jefferson	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001265168492	276001265168492	Jeffroy	811179	2007	Jefferson	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350817132	276000350817132	Jeffry	469251	2007	Jefferson	Marshal ET	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000768877446	276000768877446	Jeffry	794960	2006	Jefferson	Ford	H1N	H2N	H3N	H4P	H5N	CDN	Memminge	
01	HOLDEUM000813422425	276000813422425	Jeffson	764125	2006	Jefferson	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350898358	276000350898358	Jeformas	469226	2006	Jefferson	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500990488	276001500990488	Jego	822399	2009	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001265207649	276001265207649	Jegor	811272	2008	Jet Stream	Laudan	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000663507660	276000663507660	Jeguro	832426	2009	Jelto	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001270503786	276001270503786	Jehad	811337	2009	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000580014175	276000580014175	Jeiko	597173	2004	Jordan-Red	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000128982806	840000128982806	Jekyll	326550	1999	Jeff	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351002754	276000351002754	Jelau	764178	2007	Jefferson	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350369071	276000350369071	Jelbas	811138	2006	Jefferson	Eminenz	H1N	H2N	H3N	H4P	H5N	CDF	RBB	CD Gentest
01	HOLFRAM006114465964	250006114465964	Jelbert	832372	2008	Jelder	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115867950	276000115867950	Jelbrix	597798	2007	Joyboy	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLNLDM000344570638	528000344570638	Jelder	821367	2002	Jesther	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580668755	276000580668755	Jelgus	330513	2006	Jefferson	Lucente	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000350955489	276000350955489	Jelis	811152	2006	Jefferson	Panther	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
02	HOLDEUM000347430660	276000347430660	Jelkan	915974	2001	Jerom	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580146134	276000580146134	Jelli	144409	2004	Jordan-Red	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000250821	208005609301780	Jelling	674939	2006	Jefferson	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000536423903	276000536423903	Jello	677907	2010	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353828336	276000353828336	Jelly P	678040	2010	Jeeves	Dieter P	H1N	H2N	H3N	H4N	H5N	CDN	Mempel	
01	HOLDEUM000942372485	276000942372485	Jeloman	795320	2008	Jelto	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLNLDM000897770659	528000897770659	Jelsum	148540	2009	Jeeves	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350251412	276000350251412	Jelte	145560	2006	Jefferson	Rudolph	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLNLDM000271949277	528000271949277	Jelto	632915	2001	Jesther	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000355032388	276000355032388	Jemand	334149	2011	Jericho	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535885710	276000535885710	Jemar	811321	2009	Jeeves	September	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000351709576	276000351709576	Jemarko	469909	2007	Jefferson	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813764662	276000813764662	Jemer	764440	2007	Jefferson	Emerson	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLITAM020990212111	380020990212111	Jemini	468992	2006	Jefferson	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000009758017	124000009758017	Jemorie	822359	2008	Planet	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM001403516475	276001403516475	Jendrek	832368	2009	Jet Stream	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346516949	276000346516949	Jendrik	461433	2001	Jedstar	Aerostar	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500155724	276001500155724	Jenery	811146	2006	Jefferson	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLGBRM000000641961	826933251518615	Jenetor	832453	2008	Jango	Goldwin	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDNKM000000252147	208003372303839	Jengo	636002	2008	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000439364900	528000439364900	Jenner	635361	2007	Jefferson	Marshall	H1P	H2N	H3N	H4P	H5N	CDN	ZBH	
02	HOLAUTM000284242307	040000284242307	Jens Red		2004	Jordan-Red	Roy black	H1P	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000662894466	276000662894466	Jensen	635254	2006	Jefferson	Finley	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM001500977836	276001500977836	Jentin	822385	2009	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDNKM000000254795	208004433404390	Jentsch	822483	2011	Jordan	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000112986188	276000112986188	Jeopardy	564489	2000	Jocko Besn	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000498667589	528000498667589	Jepal	811335	2009	Jeeves	Roumare	H1N	H2N	H3N	H4P	H5N	CDN	RBB	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000350369077	276000350369077	Jepardy	468512	2006	Jefferson	Ford	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000114226876	276000114226876	Jepollo	916835	2003	Jerom	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005377210237	250005377210237	Jeppo	831291	2001	Jesther	Igdil Masc	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLLUXM000398651835	442000398651835	Jeppon	922914	2006	Joyboy	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000469566860	528000469566860	Jerad	811156	2006	Jefferson	Adam II	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLNLDM000545851587	528000545851587	Jerado	811320	2009	Jeeves	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000346146954	276000346146954	Jerbo	462475	2002	Jocko Besn	Lee	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000662543052	276000662543052	Jerdalas	597704	2005	Jordan-Red	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001267584152	276001267584152	Jered	811584	2016	Jetset	Loren	H1F	H2N	H3F	H4F	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000340558875	276000340558875	Jeremi	820380	1996	Juror	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578723150	276000578723150	Jeremis	669453	1999	Jeff	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812160388	276000812160388	Jeremit	327572	2001	Jedstar	Tugolo	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401886412	276001401886412	Jeremy	831234	2001	Jesther	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115508262	276000115508262	Jerez	567459	2006	Jackpot	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350685358	276000350685358	Jerez	145532	2006	Jefferson	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
02	HOLNLDM000569744876	528000569744876	Jergan	917378	2010	Jerudo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535936384	276000535936384	Jericho	677508	2009	Jeeves	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
02	HOLDNKM00000299855	208005722003105	Jericho	149927	2010	Jerudo	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM003704256645	250003704256645	Jerichow	821237	2000	Jarny jabo	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000438266629	528000438266629	Jerison	811140	2006	Jefferson	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000448959032	528000448959032	Jerkan	330774	2006	Jefferson	Eaton	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001402123353	276001402123353	Jerko	831528	2003	Jesco	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000009132207	124000009132207	Jerky	503650	1999	Jeff	Besne Buck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579454412	276000579454412	Jerobic	915975	2001	Jerom	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000951961902	276000951961902	Jeroda	619159	2016	Jetset	Lottie	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000351132859	276000351132859	Jeromir	145577	2007	Jefferson	Manat	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLNLDM000897770596	528000897770596	Jerondo	677191	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350597961	276000350597961	Jeronimo	811133	2006	Jefferson	Emerson	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000345870357	276000345870357	Jeronimus	461304	2001	Jesther	Patron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000324878613	528000324878613	Jeronimus	840566	2001	Jesther	Basar	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000484738989	528000484738989	Jerrett	811189	2007	Jefferson	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350406061	276000350406061	Jerry	258919	2006	Jefferson	Morty	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
02	HOLDEUM000354567008	276000354567008	Jerrylee	475753	2011	Jerudo	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLDEUM000579320768	276000579320768	Jerud	996084	2001	Jerom	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000113878473	276000113878473	Jerudo	922393	2003	Jerom	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
02	HOLDEUM000768156446	276000768156446	Jerwin	461711	2001	Jerom	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000250552	208004109203479	Jesall	674693	2006	Jefferson	T Funkis	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000345996921	276000345996921	Jeschar	327231	2001	Jocko Besn	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002930982224	250002930982224	Jesco	831216	2001	Jesther	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990268069	380020990268069	Jesir	811207	2007	Jefferson	Stormatic	H1N	H2N	H3N	H4P	H5N	CDN	RBB	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000350251414	276000350251414	Jesko	145583	2006	Jefferson	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001601259833	276001601259833	Jesko	840592	2002	Jesther	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM002941260450	250002941260450	Jesko	804084	2006	Jefferson	Stormatic	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLDM000491019891	528000491019891	Jesmare	675610	2007	Roumare	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350857879	276000350857879	Jesper	804079	2006	Jefferson	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000115590473	276000115590473	Jespik	567469	2007	Jefferson	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000519950911	528000519950911	Jespot	832387	2008	Jet Stream	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351151577	276000351151577	Jesso	470727	2008	Jefferson	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062774031	84000062774031	Jessy	674579	2006	Jet Stream	Stormatic	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000351333741	276000351333741	Jest	675609	2007	Jefferson	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001601412823	276001601412823	Jesthom	840587	2002	Jesther	Demand	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000291699020	528000291699020	Jestra	840600	2002	Jesther	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000579176463	276000579176463	Jestram	916372	2002	Jerom	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663219694	276000663219694	Jet Eric	635825	2007	Jet Stream	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000663219695	276000663219695	Jet King	635826	2007	Jet Stream	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000533731814	276000533731814	Jetaime	671060	2002	Jedstar	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM017990417474	380017990417474	Jetaly	635369	2006	Jefferson	Garter	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000138165523	840000138165523	Jetblue	674756	2006	Jet Stream	Outside	H1N	H2P	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579616360	276000579616360	Jethro	840597	2002	Jesther	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000325857790	528000325857790	Jeti	831225	2001	Jesther	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000253857	208004141201852	Jetino	473946	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602238629	276001602238629	Jetlag	840838	2006	Jefferson	Courier	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000129192206	840000129192206	Jetlag	505104	1999	Jeff	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353451211	276000353451211	Jetliner	473384	2009	Jango	Gibor	H1N	H2N	H3N	H4P	H5N	CD	MAR	CD Gentest
01	HOLDEUM000534991989	276000534991989	Jetliner	676540	2008	Jet Stream	Laudan	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000122451201	276000122451201	Jetman	833208	2016	Jetset	Aikman	H1F	H2N	H3F	H4F	H5N	CD	MAR	CD Gentest
01	HOLDEUM001301488191	276001301488191	Jeton	802521	2001	Jedstar	Blackstar	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534768025	276000534768025	Jetplane	674935	2006	Jefferson	Riverland	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000940830118	276000940830118	Jetski	832101	2007	Jefferson	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000359270967	276000359270967	Jetson	264848	2016	Jetset	Brekem	H1F	H2N	H3F	H4F	H5N	CD	OHG	CD Gentest
01	HOLDEUM000351528565	276000351528565	Jetway	331393	2008	Jet Stream	Throne	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579444190	276000579444190	Jetwind	632994	2002	Jesther	Patron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000115503894	276000115503894	Jetzt	597763	2006	Joyboy	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000335697548	528000335697548	Jeunesse	915976	2001	Jerom	Tyler-Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350740743	276000350740743	Jever	145527	2006	Jefferson	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM002253772158	250002253772158	Jever	804133	2007	Jose	Negundo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000536040474	276000536040474	Jewin	677196	2009	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 96% Traegerwahrscheinlichkeit
01	HOLITAM017990698284	380017990698284	Jezani	148096	2008	Jelder	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579172673	276000579172673	Jigger	632095	2000	Jocko Besn	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000530029186	528000530029186	Jilan	636291	2009	Jet Stream	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000347067166	276000347067166	Jimbeam	327364	2001	Jesther	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350887836	276000350887836	Jimberg	330167	2006	Jefferson	Peru ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001014102526	276001014102526	Jimbo	925009	1991	Jubilant	Magnetize	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250873	208004433402805	Jimboy	804082	2006	Jefferson	Good	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000115976667	276000115976667	Jimke	599446	2008	Joyboy	Reno 2	H1N	H2N	H3N	H4N	H5N	CD	RSH	CD Gentest
01	HOLNLDM000523761156	528000523761156	Jimny	832394	2009	Juwel	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534651745	276000534651745	Jingle	674942	2006	Jefferson	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114675701	276000114675701	Jino	597176	2004	Jordan-Red	Power	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113899444	276000113899444	JinScott	565906	2003	Jurmel ET	Design	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000011872807	124000011872807	Jinxed	507514	2013	Willpower	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346074600	276000346074600	Jive	460464	2001	Jocko Besn	Aerostar	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000534730022	276000534730022	Joakim	811142	2006	Jefferson	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000295588791	528000295588791	Jobak	821252	2000	Jocko Besn	Lucky Leo	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000345300160	276000345300160	Jobat	632032	2000	Jocko Besn	Dannix	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM000346496399	276000346496399	Jobbo	463064	2002	Jocko Besn	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUTM000749303742	040000749303742	Jobert	831060	2000	Jocko Besn	Mattie G	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000346612724	276000346612724	Jobess	463395	2002	Jocko Besn	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813475132	276000813475132	Jobest	764807	2006	Jose	Best	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM001303008865	276001303008865	Jobiko	597772	2007	Joyboy	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000114337261	276000114337261	Joblandi	597143	2003	Jerom	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351582687	276000351582687	Jobolus	469553	2007	Jobert	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347023454	276000347023454	Jobs ET	840528	2000	Jocko Besn	Dominator	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000351672162	276000351672162	Jobst	804141	2007	Jose	Best	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000534913327	276000534913327	Jocaro	145571	2007	Joyboy	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM005112948634	250005112948634	Jocco	632046	2000	Jocko Besn	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000661611446	276000661611446	Jochem ET	840532	2000	Jocko Besn	RC Matt	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001301719049	276001301719049	Jock	802532	2001	Jocko Besn	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345655132	276000345655132	Jockardi	460211	2000	Jocko Besn	Cleiber ET	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000767909993	276000767909993	Jockel ET	840510	2000	Jocko Besn	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000359709999	528000359709999	Jocker	831396	2002	Jocko Besn	Dominique	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350878852	276000350878852	Jockhard	469077	2006	Jackpot	Bonatus	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001400912439	276001400912439	Jocki	830682	1998	Jolt	Royalty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347303216	276000347303216	Jockmon ET	840570	2001	Jocko Besn	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000370974772	528000370974772	Jockobo	822045	2004	Jocko Besn	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000811952755	276000811952755	Jockorm	762028	2001	Jocko Besn	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 96% Traegerwahrscheinlichkeit
01	HOLUSAM000070726926	840000070726926	Joclassic	507253	2013	Supersire	Beacon	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000767764595	276000767764595	Jocton	748052	2001	Jocko Besn	Novalis	H1N	H2N	H3N	H4P	H5N	CDN	Memminge	
01	HOLNLDM000884122809	528000884122809	Joda	149996	2011	Jordan	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000535084535	276000535084535	Jodabell	599447	2008	Joyboy	Kian	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580150041	276000580150041	Jodakai	597183	2004	Jordan-Red	Lentini RF	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580014126	276000580014126	Jodav	996390	2003	Jordan-Red	Yava	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000066602389	840000066602389	Jodhan	506550	2009	Sandy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RSH/RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000345466943	276000345466943	Jodhpur	821229	2000	Jocko Besn	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345485171	276000345485171	Jodom	326667	2000	Jocko Besn	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000748375831	528000748375831	Jodukus	832567	2011	Jordan	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUSM000H01534056	036000001534056	Joe	506188	2007	Goldwin	Starleader	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000345914824	276000345914824	Joe	810824	2000	Jocko Besn	Prelude	H1P	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000355080827	276000355080827	Joe	262313	2011	Jordan	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000534935023	276000534935023	Joe Grand	917133	2007	Joyboy	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534911183	276000534911183	Joel	259730	2007	Jose	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000252060	208004181502008	Joerne	804142	2007	Jardin	Lambda	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLDEUM000580143859	276000580143859	Joffy	916925	2004	Jordan-Red	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580679973	276000580679973	Jogi	917209	2007	Joyboy	Konvoy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM003531174243	250003531174243	Johannes	821194	2000	Jocko Besn	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000812874433	276000812874433	Johnboy	922579	2004	Jordan-Red	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001502446780	276001502446780	Johnsbury	821231	2000	Jocko Besn	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666998978	276000666998978	Johnson	619158	2016	Jetset	Big Point	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000347507439	276000347507439	Join-In	916963	2004	Jordan-Red	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000335803455	528000335803455	Joint	632487	2001	Jocko Besn	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000534913321	276000534913321	Jojo	917207	2007	Joyboy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000251897	208003727902740	Jokalit	331355	2007	Jardin	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000362151499	528000362151499	Jokant	327877	2002	Jurmel ET	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352642498	276000352642498	Jokasko	472033	2008	Jobess	Best	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000340717121	276000340717121	Joke	820339	1995	Juror	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001303347543	276001303347543	Joker	804168	2008	Jurus	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345466959	276000345466959	Joker ET	840535	2000	Jocko Besn	Bell Elton	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000114239031	276000114239031	Jokuna	565799	2003	Jurmel ET	Rudolph	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000345831497	276000345831497	Joletto	460577	2001	Jocko Besn	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579174079	276000579174079	Jolfa	670245	2001	Jocko Besn	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000101783109	124000101783109	Jolicap	671907	2003	Morty	James	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579444119	276000579444119	Jolicoeur	670484	2001	Jocko Besn	Cash	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000769056505	276000769056505	Jolino	811195	2007	Jefferson	Lambada	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000351709586	276000351709586	Jollux	470287	2007	Jefferson	Stormatic	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLUSAM000134742797	840000134742797	Jolly	916848	2003	Jordan-Red	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001602275139	276001602275139	Jollyroger	840856	2006	Jacinto ET	Maniser	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000286360096	528000286360096	Jolo	670079	2000	Jocko Besn	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345679986	276000345679986	Jolton	460685	2000	Jocko Besn	Tabaluga	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM008840615169	250008840615169	Jolus	831381	2002	Jocko Besn	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502286868	276001502286868	Joly	822241	2007	Jannsen	Capri	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352827107	276000352827107	Jomann	332066	2009	Jet Stream	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000350319105	276000350319105	Jomatos	330640	2006	Jefferson	Spy	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351069147	276000351069147	Jomatro	469074	2007	Janos	Decision	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580069888	276000580069888	Jomigo	916981	2004	Jordan-Red	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347023464	276000347023464	Jomingo	141765	2001	Jocko Besn	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347198747	276000347198747	Jonas	256305	2001	Jesther	Zack	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000254787	208005108302170	Jonas	149966	2011	Jordan	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000347000949	276000347000949	Jonathan	255700	2001	Jocko Besn	Juror	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLUSAM000136639413	840000136639413	Jonavos	916991	2004	Jordan-Red	Redwood-ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349525434	276000349525434	Jonem	916919	2003	Jordan-Red	Mario-Red	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662849417	276000662849417	Jones	804067	2006	Jefferson	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113649052	276000113649052	Jonett	565372	2002	Jasper	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351528564	276000351528564	Jongens	331394	2008	Jet Stream	Throne	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343048281	276000343048281	Jongleur	325505	1998	Jolt	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346612730	276000346612730	Joni	463396	2002	Jocko Besn	Airliner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000136206918	840000136206918	Jonico	916964	2004	Jordan-Red	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345300162	276000345300162	Jonix	761368	2000	Jocko Besn	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000330264323	528000330264323	Jonk	831148	2001	Jocko Besn	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM005383280319	250005383280319	Jonker	831249	2001	Jocko Besn	Cash	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000662733980	276000662733980	Jonny	634884	2006	Jefferson	Ford	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000351942830	276000351942830	Jool	331505	2008	Jose	Pippen	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001502564518	276001502564518	Joos	821276	2001	Jorriellake	Valvano ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350356329	276000350356329	Joost	145555	2006	Jefferson	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000114386090	276000114386090	Jopi	831551	2004	Jordan-Red	Leader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002831233721	250002831233721	Joplin	821238	2000	Lantz	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000737950742	528000737950742	Joppich	823018	2011	Jordan	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000416056592	276000416056592	Jopster	331672	2008	Jose	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115669087	276000115669087	Joralle	567483	2007	Jefferson	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000351528563	276000351528563	Joram	331398	2008	Jet Stream	Throne	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580102661	276000580102661	Jorber	996330	2004	Jordan-Red	Faber	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLNLDM000724673634	528000724673634	Jorck	832569	2011	Jotan	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLFRAM003616021881	250003616021881	Jordano	821239	2000	Jocko Besn	Istar Aero	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLDEUM000114405231	276000114405231	Jordarin	597147	2003	Jordan-Red	Cared	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000348306398	276000348306398	Jordas	465241	2004	Jordan-Red	Bamon ET	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351510254	276000351510254	Jordi	259780	2007	Jose	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000663324191	276000663324191	Jordin	811276	2008	Juwel	Eminenz	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345996282	276000345996282	Jordis	461432	2001	Jasper	RC Matt	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000348197468	276000348197468	Jordo	464467	2004	Jordan-Red	Lucky Red	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000102652170	124000102652170	Jorem	916946	2004	Jordan-Red	Emerson	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000663140148	276000663140148	Joretto	599404	2008	Joyboy	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000114979167	276000114979167	Jorexox	917007	2004	Jordan-Red	Fiano ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalIID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000580046440	276000580046440	Jorga	916911	2003	Jordan-Red	Jerom	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115503866	276000115503866	Jorge	597758	2006	Joyboy	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000352147403	276000352147403	Jorge	260162	2008	Jose	Champion	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
02	HOLNLDM000840878278	528000840878278	Jorge	917598	2013	Jorck	Fiction	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000347441015	276000347441015	Jorgel	327505	2002	Jedstar	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001402401508	276001402401508	Jorginho	831693	2004	Jordan-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500151526	276001500151526	Joriano	811212	2007	Janosch	Step	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
02	HOLDEUM000114414759	276000114414759	Jorin	831595	2003	Jordan-Red	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355080802	276000355080802	Jorino	823017	2011	Jordan	Onward	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
02	HOLDEUM000662257007	276000662257007	Jorist	922420	2004	Jordan-Red	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000347237981	276000347237981	Jorit	802511	2001	Jocko Besn	Bell Elton	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000345300164	276000345300164	Jorko	831056	2000	Jocko Besn	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114386106	276000114386106	Jornado	916936	2004	Jordan-Red	Ubbo	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000398823106	528000398823106	Jorox	673217	2004	Jocko Besn	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000265481732	528000265481732	Jorrik ET	840527	2000	Jorrielaque	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000290707151	528000290707151	Jorris	831092	2000	Jorrielaque	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000061398449	840000061398449	Jorsby	916955	2004	Jordan-Red	Emery	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM00041998215	52800041998215	Jort	329198	2004	Jocko Besn	Lucky Leo	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000813803792	276000813803792	Josan	764100	2007	Jose	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000382295298	528000382295298	Josan	672896	2004	Jocko Besn	Lava	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000342474097	276000342474097	Joscha	457132	1998	Jolt	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116283222	276000116283222	Joschua	840911	2007	Jose	O-Man	H1N	H2N	H3N	H4P	H5N	CDN	LTR	CD Gentest
01	HOLDEUM000350320641	276000350320641	Joschua	469061	2007	Jefferson	Lynch	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345461818	276000345461818	Jose	255699	2001	Jocko Besn	Formation	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
01	HOLDNKM00000252736	208002371401992	Joserus	332091	2009	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000527390497	528000527390497	Josetti	472250	2009	Jango	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000251692	208003372303682	Josic	832186	2007	Jet Stream	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403792257	276001403792257	Josimar	832447	2009	Jango	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000662961569	276000662961569	Joskin	331181	2007	Jefferson	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811738494	276000811738494	Joslo	762001	2000	Jocko Besn	Slocum	H1N	H2N	H3P	H4P	H5N	CDN	RBW	
02	HOLDEUM000579698839	276000579698839	Jost	831563	2004	Jordan-Red	Factor RF	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM0003556861947	250003556861947	Jost	802536	2001	Jocko Besn	Lord Lily	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000113216004	276000113216004	Jostar	564487	2000	Jocko Besn	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000811643376	276000811643376	Jostorm	761925	2000	Jocko Besn	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000113196426	276000113196426	Josy	670070	2000	Jocko Besn	Cash	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLDEUM000579890241	276000579890241	Jotamo	916980	2004	Jordan-Red	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000393714184	528000393714184	Jotan	831644	2004	Jordan-Red	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001501189715	276001501189715	Jotano	811363	2010	Jake	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345915059	276000345915059	Jotillo	461239	2001	Jocko Besn	Hillstar	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001265168500	276001265168500	Journey	469132	2006	Jefferson	Jesther	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000115746961	276000115746961	Jovalix	597778	2007	Joyboy	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000535086826	276000535086826	Jovan	917156	2007	Joyboy	Persia-Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000133108743	840000133108743	Jove	505382	2002	Elation	Patron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000580046436	276000580046436	Jovel	916921	2003	Jordan-Red	Rainbow	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115371420	276000115371420	Jovial	597759	2006	Joyboy	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM0003372301866	208003372301866	Jovial	831238	2001	Jocko Besn	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000288861159	528000288861159	Jovial	631934	2000	Jocko Besn	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345379229	276000345379229	Jovis	326997	2001	Jocko Besn	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000349446827	276000349446827	Joy-Red	257287	2003	Jordan-Red	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000813521638	276000813521638	Joyal	764956	2007	Joyboy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	CD 99% Traegerwahrscheinlichkeit

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalIID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579174090	276000579174090	Joyau	670250	2001	Jocko Besn	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLITAM013990023339	380013990023339	Joybens	996694	2007	Joyboy	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000813999659	276000813999659	Joybox	470861	2008	Joyboy	Ford	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000010700348	124000010700348	Joyboy	297572	1999	Clifhanger	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345679929	276000345679929	Joyce	669799	2000	Jocko Besn	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351435680	276000351435680	Joyce	259940	2008	Jose	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000535044877	276000535044877	Joydan	259724	2007	Joyboy	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000813999650	276000813999650	Joyfo	996586	2008	Joyboy	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000534617922	276000534617922	Joyful	917206	2007	Joyboy	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000768867630	276000768867630	Joyman	917211	2007	Joyboy	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001405355465	276001405355465	Joyness	833202	2016	Jedi	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM001403092285	276001403092285	Joyride	832068	2007	Joyboy	Talent2	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534570277	276000534570277	Joystar	917210	2006	Joyboy	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000325650562	528000325650562	Joystick	327078	2001	Jocko Besn	Lava	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000351922913	276000351922913	Joywill	926896	2007	Joyboy	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352171997	276000352171997	Juan	260656	2009	Jose	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000767986020	276000767986020	Juan	810889	2002	Jesther	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000252299	208006257702486	Juanes	832273	2008	Jurus	Magical	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000598729951	442000598729951	Juanitos	568532	2008	Jurus	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346565660	276000346565660	Jubel	802570	2002	Jurmel ET	Basar	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000346708658	276000346708658	Jubiko	463032	2002	NOG Jokus	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352642470	276000352642470	Jubilaris	472003	2009	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661898211	276000661898211	Jubrak	632855	2002	Jurmel ET	Jocko Besn	H1N	H2N	H3P	H4P	H5N	CDN	ZBH	
01	HOLDEUM001403445803	276001403445803	Jucatan	832242	2008	Jurus	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353100792	276000353100792	Jucator	332952	2009	Jeeves	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDNKM000000251909	208002908401809	Judan	148014	2007	Jardin	V Bojer	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000579468872	276000579468872	Judge	256858	2003	Jurmel ET	Webster	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLDEUM000345929678	276000345929678	Judo	460640	2000	Jocko Besn	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351019411	276000351019411	Judoko	470472	2007	Jurus	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM000000612409	372002004730377	Juebar	821307	2001	Jesther	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFINM000000095042	246000009773756	Jufinn	472563	2008	Jurus	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346273878	276000346273878	Juflor	328040	2002	Juote	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990478137	380019990478137	Jugador	811214	2007	Jardin	Finley	H1P	H2N	H3N	H4P	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000535610340	276000535610340	Juggler	677320	2009	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114386078	276000114386078	Jugoba	597157	2004	Jordan-Red	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000484829500	528000484829500	Jugol	832315	2008	Jurus	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000816436101	276000816436101	Jukan	997470	2017	Ju Red	Kanu P	H1F	H2N	H3F	H4F	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000812083760	276000812083760	Jukas	762495	2002	Jurmel ET	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000122747319	276000122747319	Jukebox	572949	2017	Jetset	Alta1Stcla	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLNLDM000469082575	528000469082575	Jukebox	472244	2008	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001020896984	276001020896984	Julan	067707	1991	Jubilant	Anker	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000699834858	528000699834858	Julandy	917409	2011	Andy	Moonlight	H1N	H2N	H3N	H4P	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000351333706	276000351333706	Julano	469071	2007	Jefferson	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115821756	276000115821756	Juldo	568516	2007	Jackpot	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM001302036613	2760001302036613	Juli	802602	2003	Juote	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000347958659	276000347958659	Julian	256750	2002	Jurmel ET	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM001021065423	276001021065423	Julian ET	293596	1991	Jubilant	Valerian	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000346482972	276000346482972	Juliano	463114	2002	Juote	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000737148633	528000737148633	Julianos	335052	2013	Bookem	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000352642466	276000352642466	Julimond	472197	2009	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000580671906	528000580671906	Juling	924743	2017	Ju Red	Lexington	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000113170074	276000113170074	Julkapp	565106	2001	Jasper	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000535781581	276000535781581	Juma	677318	2009	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351507482	276000351507482	Jumalis	470728	2007	Jurus	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252687	208002371401995	Juman	568563	2009	Juwel	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLNLDM000474715422	528000474715422	Jumani	148002	2007	Jefferson	Marshall	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000113668344	276000113668344	Jumanji	463050	2002	Jurmel ET	Esquimau	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000579768598	276000579768598	Jumanji	671435	2003	Jurmel ET	Apoll	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000340715981	276000340715981	Jumbo	252495	1995	Juror	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000113899426	276000113899426	Jumboka	565800	2003	Jurmel ET	Amaretto	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM001301889730	276001301889730	Jumora	565371	2002	Jurmel ET	Formation	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000662308134	276000662308134	Jump	922496	2003	Jordan-Red	Lombard	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000666976578	276000666976578	Jumpel	619180	2017	Jovi	Deyja	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000347303211	276000347303211	Jumpo	831251	2001	Jocko Besn	Celsius	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000770498004	276000770498004	Junas Red	833256	2017	Ju Red	Durango	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000350965669	276000350965669	Junghans	469447	2007	Jefferson	Pik ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345914836	276000345914836	Jungle	460686	2000	Jocko Besn	Brix	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001405153925	276001405153925	Jungle	571924	2016	Josuper	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000662127792	276000662127792	Jungstar	328092	2002	Juote	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347651378	276000347651378	Junik	821341	2002	Jasper	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001602484698	276001602484698	Junior	840959	2008	Juwel	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000527390459	528000527390459	Junior	804213	2009	Jango	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351585136	276000351585136	Junius	811218	2007	Jurus	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578692391	276000578692391	Junker	810821	2000	Jocko Besn	Lasso	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDNKM000000252739	208003424202378	Juno	148079	2008	Jardin	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346668325	276000346668325	Juomo	462486	2002	Juote	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000246590	208004141201202	Juomo	840620	2002	Juote	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000110053233	276000110053233	Juote	561741	1996	Juror	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662990316	276000662990316	Jupiter	636281	2008	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001012234053	276001012234053	Jupp	840175	1994	Jed	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000346707372	276000346707372	Juppi	463323	2003	Jerom	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601290201	276001601290201	Jurado	840538	2000	Jocko Besn	Design	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM001501195537	276001501195537	Jurai	811305	2009	Jelto	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001303432184	276001303432184	Juran	804201	2008	Jango	Instinct	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401970337	276001401970337	Juran	831342	2002	Jurmel ET	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501194788	276001501194788	Juras	811310	2009	Jango	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000341530030	276000341530030	Jurassic	414020	1996	Juror	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000107364032	124000107364032	Jurassic 2	507139	2012	Lexor	Shottle	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDNKM000000251126	208004199601236	Jurek	822238	2007	Jannsen	Bombay	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000579531214	276000579531214	Jurgi	762396	2002	Jurmel ET	Gibbon	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLDEUM000536816932	276000536816932	Juri	678535	2011	Jeep	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352642485	276000352642485	Jurian	811295	2008	Jurus	Best	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLCANM000006477058	124000006477058	Jurino	136624	1995	Juror	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM020990323080	380020990323080	Jurino	811235	2007	Jurus	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000252066	208004222802159	Juris	804163	2008	Jardin	Juote	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLDEUM001012054344	276001012054344	Jurist	132234	1991	Jubilant	Bell-Troy	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000812456429	276000812456429	Jurky	762651	2002	Jurmel ET	Corky	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLDEUM000810146442	276000810146442	Jurmel ET	760500	1996	Juror	Melwood	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLDEUM000347287585	276000347287585	Jurmin	327232	2001	Jocko Besn	Gibbon	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000768076721	276000768076721	Jurus	810868	2001	Jesther	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000769247083	276000769247083	Jushott	753558	2008	Jurus	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351721540	276000351721540	Jusiro	471063	2008	Jurus	Best	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000536369785	528000536369785	Just Now	677060	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLUSAM000121631156	840000121631156	Justa-Red	297476	1998	Flano ET	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000353480249	276000353480249	Justano	473986	2010	Jeeves	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358389067	276000358389067	Justify	833154	2015	Justice	Loren	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579294477	276000579294477	Justin	256099	2001	Jasper	Igale Masc	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000580482674	276000580482674	Justin	804159	2008	Jardin	Onestiz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000329293479	528000329293479	Justinian	670778	2001	Juraky	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500101277	276001500101277	Justino	811204	2007	Jefferson	Morty	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM001082281733	276001082281733	Justness	671875	2003	Juote	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLDEUM001012054343	276001012054343	Justus	891917	1991	Jubilant	Bell-Troy	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM001012116403	276001012116403	Justus	133119	1991	Jubilant	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000891934259	528000891934259	Jutanik	473343	2009	Juwel	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM017990520321	380017990520321	Juvenal	148006	2007	Jardin	Finley	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLUSAM000063210228	840000063210228	Juvenico	331114	2007	Jose	Pippen	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000325385758	528000325385758	Juvento	461440	2001	Jocko Besn	Esquimau	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000360409245	276000360409245	Juventus	298439	2017	Ju Red	Magnum	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000535610236	276000535610236	Juventus	676537	2008	Juwel	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000816436107	276000816436107	Juventus	997456	2017	Ju Red	Kanu P	H1F	H2N	H3F	H4F	H5N	CDN	RBW	
01	HOLDEUM000663410071	276000663410071	Juwager	840983	2009	Juwel	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000661715492	276000661715492	Juwel	632734	2002	Jesther	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000663196060	276000663196060	Juwentus	840928	2008	Juwel	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000812707404	276000812707404	Juwin	763026	2003	Jurmel ET	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000352564676	276000352564676	Juwoli	840998	2009	Juwel	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001270490116	276001270490116	Jux	804149	2007	Jurus	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001601388790	276001601388790	Jux	671657	2003	Jurmel ET	Jeff	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000350264618	276000350264618	KNS Gunna	831922	2006	Goldwin	Lee	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
02	HOLDEUM000114151975	276000114151975	Kadenz	597106	2003	Komtur	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000114529944	276000114529944	Kaffee	597156	2004	Kornett	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000368449686	528000368449686	Kairo	922475	2003	Kian	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDF	ZBH	CD Gentest
01	HOLDEUM000666999040	276000666999040	Kairos	610248	2017	Kerrigan	Commander	H1F	H2N	H3F	H4C	H5N	CDF	Goepel	CD Gentest
02	HOLDEUM000536914691	276000536914691	Kaiser	917437	2011	Kairo	Malvoy	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
02	HOLDEUM000538428602	276000538428602	Kaiser	681683	2014	Kanu P	Pembroke	H1N	H2N	H3P	H4N	H5N	CDN	Goepel	
02	HOLDEUM000538231230	276000538231230	Kajak P	917577	2014	Kanu P	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000347899531	276000347899531	Kajas	926407	2003	Konvoy	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000765318644	528000765318644	Kajudy P	571877	2014	Kanu P	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001405290389	276001405290389	Kakadu	833239	2016	Kerrigan	Nominee	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000359259655	276000359259655	Kalev	811594	2017	Kerrigan	Dastin	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000358388716	276000358388716	Kaluscho	811556	2015	Kingpin	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
02	HOLDEUM000537926562	276000537926562	Kanou Red	681518	2014	Kanu P	Fidelity	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
02	HOLDEUM000537926563	276000537926563	Kansas P	917538	2014	Kanu P	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000949357079	276000949357079	Kantor P	796430	2014	Kanu P	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
02	HOLDEUM000768305280	276000768305280	Kanzler	597108	2003	Komtur	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000342795677	276000342795677	Kaplan	138888	1997	Kom Leader	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLITAM001990826420	380001990826420	Karat PP	811534	2014	Kanu P	Laron P	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLNLDM000840106605	528000840106605	Karat-RedP	263540	2014	Kanu P	Dertour	H1F	H2N	H3F	H4F	H5N	CDC	OHG	CD Gentest
01	HOLDEUM000359686738	276000359686738	Karibu	156571	2016	Kerrigan	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
02	HOLDEUM000114357967	276000114357967	Kariert	597129	2003	Kornett	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLITAM001990826421	380001990826421	Karisma P	792890	2014	Kanu P	Laron P	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000356230054	276000356230054	Karmann PP	924729	2014	Kanu P	Acme RF	H1N	H2N	H3N	H4N	H5N	CDH	Qnetics	CD Gentest
01	HOLDEUM000770050390	276000770050390	Karo P RDC	681123	2014	Kanu P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDH	RUF	CD Gentest
02	HOLDEUM000114337247	276000114337247	Karolus	597128	2003	Komtur	Roels	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
01	HOLDEUM000816459479	276000816459479	Karuso	768401	2017	Kerrigan	Racer	H1F	H2N	H3F	H4F	H5N	CDH	RBW	
02	HOLDEUM000577788807	276000577788807	Kasimir	414934	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDH	MAR	
02	HOLDEUM000579888278	276000579888278	Katalane	926412	2003	Konvoy	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDH	MAR	
02	HOLDEUM000666431994	276000666431994	Katana P	997940	2014	Kanu P	Montana r	H1N	H2N	H3N	H4N	H5N	CDH	RBW	CD Gentest
02	HOLITAM001990826443	380001990826443	Katana PP	499039	2014	Kanu P	Laron P	H1N	H2N	H3N	H4N	H5N	CDH	Goepel	CD Gentest
02	HOLNLDM000672632956	528000672632956	Kavage P	588680	2014	Kanu P	Savage	H1N	H2N	H3N	H4N	H5N	CDH	RSR	CD Gentest
02	HOLDEUM000114853666	276000114853666	Kawa	597739	2005	Komtur	Jifro Red	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
01	HOLDEUM000122523881	276000122523881	Kawasaki	833237	2017	Kingman	Missouri	H1F	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
01	HOLGBRM952180626236	826952180626236	Kayne	811498	2013	Mogul	Domain	H1N	H2N	H3N	H4N	H5N	CDH	RBB	CD Gentest
02	HOLNLDM000920734214	528000920734214	Keanu-RedP	588671	2014	Kanu P	Freddie	H1N	H2N	H3N	H4N	H5N	CDH	RSR	CD Gentest
01	HOLDEUM000122523860	276000122523860	Keegan	572948	2016	Kerrigan	Lobach	H1F	H2N	H3F	H4F	H5N	CDH	RSR	CD Gentest
02	HOLDEUM001302276248	276001302276248	Keel	597186	2004	Komtur	Winchester	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
01	HOLDEUM000359618188	276000359618188	KeepADream	796950	2016	Kerrigan	Tribune	H1F	H2N	H3F	H4F	H5N	CDH	Memminge	CD Gentest
01	HOLDEUM000539675024	276000539675024	Keeper P	681832	2016	Kerrigan	Supershot	H1F	H2N	H3F	H4F	H5N	CDH	RUF	CD Gentest
02	HOLDEUM000114151940	276000114151940	Kegaro	596599	2003	Kornett	Sparta	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
02	HOLDEUM000114414718	276000114414718	Keguro	597126	2003	Kornett	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDH	RSR	
01	HOLDEUM000359556232	276000359556232	Keith	833242	2017	Kerrigan	Balisto	H1F	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
01	HOLDNKM00000259311	208003372307615	Keld	619170	2017	Kerrigan	Tribune	H1F	H2N	H3F	H4F	H5N	CDH	Qnetics	CD Gentest
01	HOLDEUM000359505397	276000359505397	Kelvin	265111	2017	Kerrigan	Silver	H1F	H2N	H3F	H4F	H5N	CDH	OHG	CD Gentest
01	HOLDEUM000770497961	276000770497961	Kemal	811591	2016	Kerrigan	Balisto	H1F	H2N	H3F	H4F	H5N	CDH	RBB	CD Gentest
01	HOLDEUM000356779878	276000356779878	Ken PP RDC	833037	2014	Kanu P	Epic	H1N	H2N	H3N	H4N	H5N	CDH	MAR	CD Gentest
01	HOLDEUM000359223487	276000359223487	Kendrick	833245	2016	Kerrigan	Commander	H1F	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
01	HOL840M003141227755	840003141227755	Kenley	508598	2017	Kerrigan	Silver	H1F	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
01	HOLDEUM000952479444	276000952479444	Kennedy	796960	2016	Kerrigan	Tribune	H1F	H2N	H3F	H4F	H5N	CDH	Greifenb	CD Gentest
01	HOLUSAM000002281533	84000002281533	Keno	820410	1995	Mandel	Leadman	H1N	H2N	H3N	H4N	H5N	CDH	RA	
01	HOLDNKM00000259312	208003345101982	Kensington	684688	2017	Kerrigan	Commander	H1F	H2N	H3F	H4F	H5N	CDH	RUF	CD Gentest
01	HOLDEUM000359172941	276000359172941	Kent	264919	2016	Kerrigan	Supershot	H1F	H2N	H3F	H4F	H5N	CDH	OHG	CD Gentest
01	HOLDEUM000358097415	276000358097415	Kentucky	154220	2015	Kingpin	Suran	H1F	H2N	H3F	H4F	H5N	CDH	VOST	CD Gentest
01	HOLDEUM000539626844	276000539626844	Kenwood	684683	2017	Kerrigan	President	H1F	H2N	H3F	H4F	H5N	CDH	RUF	CD Gentest
01	HOLDEUM000359235191	276000359235191	Kermit	768405	2017	Kerrigan	Balisto	H1F	H2N	H3F	H4F	H5N	CDH	RBW	CD Gentest
01	HOLDEUM000816701478	276000816701478	Keross	768403	2017	Kerrigan	Montross	H1F	H2N	H3F	H4F	H5N	CDH	RBW	CD Gentest
01	HOLDEUM001601199224	276001601199224	Kerry	840547	2001	Kilo	Hunter	H1N	H2N	H3N	H4N	H5N	CDH	LTR	
01	HOLDEUM000539675016	276000539675016	Kerryhill	681833	2016	Kerrigan	Modena	H1F	H2N	H3F	H4F	H5N	CDH	RUF	CD Gentest
01	HOLGBRM912004240631	826912004240631	Key	679314	2011	Super	Buckeye	H1N	H2N	H3N	H4N	H5N	CDH	RUF	CD Gentest
01	HOLDEUM000539638688	276000539638688	Keyword	833227	2016	Kerrigan	Supershot	H1F	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
01	HOLNLDM000626776068	528000626776068	Khedira	156578	2017	Kerrigan	Commander	H1F	H2N	H3F	H4F	H5N	CDH	VOST	CD Gentest
02	HOLDEUM000114446059	276000114446059	Kianox	597154	2004	Komty	Jerom	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
02	HOLDNKM00000044476	208004534801379	Kiaro	926422	2003	Kian	Jerom	H1N	H2N	H3N	H4N	H5N	CDH	MAR	
01	HOLNLDM000385608297	528000385608297	Kibo	840717	2004	Kirby NL	Addison	H1N	H2N	H3N	H4P	H5N	CDH	LTR	
02	HOLDEUM000347347403	276000347347403	Kicklee	597112	2003	Komtur	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
02	HOLDEUM001265389006	276001265389006	Kid Red PP	833036	2014	Kanu P	Bookem	H1N	H2N	H3N	H4N	H5N	CDH	MAR	CD Gentest
02	HOLDEUM000114529947	276000114529947	Kiebitz	597162	2004	Kornett	Stoll	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
02	HOLDEUM000114226882	276000114226882	Kienhof	597109	2003	Kornett	Solhil	H1N	H2N	H3N	H4N	H5N	CDH	RSR	
01	HOLDEUM000666934093	276000666934093	Kilian	619162	2016	Kerrigan	Shotglass	H1F	H2N	H3F	H4F	H5N	CDH	Qnetics	CD Gentest
01	HOLDEUM000359144762	276000359144762	Kilkenny	833240	2016	Kerrigan	Big Point	H1F	H2N	H3F	H4F	H5N	CDH	MAR	CD Gentest
02	HOLNLDM000497201122	528000497201122	Kilobyte	917365	2010	Kylian	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDH	RUF	
02	HOLDEUM000113547055	276000113547055	Kimbo	597107	2003	Konvoy	Tulip	H1N	H2N	H3N	H4N	H5N	CDH	RSR	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLBELM000759318345	056000759318345	KingKong	684980	2017	King Royal	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	AWE/RUW	CD Gentest
01	HOLDEUM001405093095	276001405093095	Kingdom	833110	2015	Kingpin	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000920855490	528000920855490	Kingman	833118	2015	Kingboy	Gerard	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000358388697	276000358388697	Kingsley	833114	2015	Kingpin	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001603490765	276001603490765	Kingsley	619121	2014	Kahuna	Sudan	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLBELM000512596506	056000512596506	Kingston	619138	2015	Kingpin	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000121918049	276000121918049	Kingston	571907	2015	Kingpin	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001305124722	276001305124722	Kingston	823173	2015	Kingpin	Sympatico	H1F	H2N	H3C	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001404580557	276001404580557	Kioto	833133	2015	Kingboy	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000071242644	840000071242644	Kipper	823036	2012	Snowman	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLNLDM000367764122	528000367764122	Kir Royal	916916	2003	Kian	Zandstar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580153205	276000580153205	Kirin	916933	2004	Kian	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000390479273	528000390479273	Kiska	916934	2004	Kian	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000532738788	276000532738788	Kismet	594375	1998	Kom Leader	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000538656930	276000538656930	Kiss PP	917547	2014	Kanu P	Mind P	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001265389013	276001265389013	Kitano PP	811518	2014	Kanu P	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000345339918	276000345339918	Kiveling	326526	2000	Kilo	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134771603	840000134771603	Kizer	505573	2003	Magna	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000579444152	276000579444152	Klaxon	670713	2001	T Klassy	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001501761937	276001501761937	Klose	823104	2013	Krunch	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000114318021	276000114318021	Knauf	597148	2003	Kornett	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000110749817	276000110749817	Knirps	593129	1996	Koerier	Enhancer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000072436797	840000072436797	Knobby	507517	2013	Cashcoin	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000229454774	528000229454774	Knocker	668340	1998	Knockout	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOL840M003129016183	840003129016183	Knowhow	508069	2015	Kingboy	Supersire	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000920078547	528000920078547	Knut P	151589	2014	Kanu P	Dertour	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
02	HOLDEUM000347820158	276000347820158	Koalition	916892	2003	Konvoy	Yava	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001502235925	276001502235925	Kodex	821191	2000	Kilo	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000359176237	276000359176237	Kodiac P	823199	2016	Kerrigan	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLNLDM000846833002	528000846833002	Koerier114	297319	1993	Stollberg	Hilton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579542548	276000579542548	Kogan	916908	2003	Koenig	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579828479	276000579828479	Koggel	916887	2003	Konvoy	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579333391	276000579333391	Kolja	916673	2002	Koenig	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000577788825	276000577788825	Kollo	593597	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000114386050	276000114386050	Kolonje	597150	2003	Konvoy	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401071996	276001401071996	Komet	830768	1998	Knockout	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501462175	276001501462175	Komet	811541	2014	Kahuna	Lavaman	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLDEUM000113878472	276000113878472	Komiker	916889	2003	Konvoy	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114414709	276000114414709	Komilant	597123	2003	Kornett	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM00066068996	27600066068996	Komjub	921632	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000114529958	276000114529958	Komnix	597179	2004	Kian	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000114386053	276000114386053	Komoto	916909	2003	Konvoy	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000111116765	276000111116765	Kompass	593387	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579460182	276000579460182	Kompetent	916988	2004	Konvoy	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000662369506	276000662369506	Komro	464051	2003	Komtur	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000812588657	276000812588657	Komtul	996327	2003	Komtur	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000577788802	276000577788802	Komtur	593529	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000111743442	276000111743442	Komty	594326	1998	Kom Leader	Marty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579810507	276000579810507	Konbeo	916951	2003	Kontur	Belltom RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114386099	276000114386099	Konelen	597163	2004	Kollo	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000359803005	276000359803005	Konga	823201	2016	Kerrigan	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLDEUM000113547066	276000113547066	Konja	916885	2003	Konvoy	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579888295	276000579888295	Konmar	916907	2003	Konvoy	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580106811	276000580106811	Konpec	916917	2003	Konvoy	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579333387	276000579333387	Konsens	916612	2002	Koenig	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000122629409	276000122629409	Kontex	572947	2016	Kerrigan	Commander	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000349089277	276000349089277	Kontiris	926408	2003	Komtur	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811380903	276000811380903	Kontra-Re	669111	1999	Procontra	Triple	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000110014902	276000110014902	Konverter	593682	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000661990125	276000661990125	Konviol	922416	2003	Konvoy	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000577788826	276000577788826	Konvoy	914048	1997	Kom Leader	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114386052	276000114386052	Konwill	597151	2003	Konvoy	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000577313078	276000577313078	Koppel	913637	1996	Koerier	Hondo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000660444741	276000660444741	Korall	913850	1997	Kom Leader	Poltony ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579762702	276000579762702	Kordinat	916900	2003	Kornett	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114152022	276000114152022	Korfu	597124	2003	Kian	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579888300	276000579888300	Korim	916960	2003	Konvoy	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000359175801	276000359175801	Korn Red P	833170	2016	Kajak P	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000349237025	276000349237025	Korona	916843	2003	Komtur	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000296202258	528000296202258	Korse	831459	2003	Konvoy	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000347865005	276000347865005	Korvin	916881	2003	Komtur	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001603799548	276001603799548	Kougar	619174	2017	Kerrigan	Racer	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000114151948	276000114151948	Kranich	597052	2003	Kornett	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLITAM019991136231	380019991136231	Krespo PP	924728	2014	Kanu P	Ipod P	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001271368990	276001271368990	Kronos	811517	2014	Krunch	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000538049765	276000538049765	Kronprinz	680665	2013	Krunch	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000356919533	276000356919533	Kryos PP	588683	2014	Kanu P	Dellboy P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000769703935	276000769703935	Krypton	679460	2011	Krusader	Alexander	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM001501463006	276001501463006	Kubero	811527	2014	Krunch	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLNLDM000535159008	528000535159008	Kumo	917400	2010	Fiction	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001300229243	276001300229243	Kuno	801080	1998	Knockout	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000113657988	276000113657988	Kustos	596298	2002	Knirps	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116774071	276000116774071	Kuwait	568592	2010	Kramer	Talent2	H1N	H2N	H3P	H4N	H5N	CDF	RSH	CD Gentest
02	HOLNLDM000870146112	528000870146112	Kuyt Red	588050	2011	Destry	Mr.Burns	H1N	H2N	H3N	H4P	H5N	CDF	RSH	CD Gentest
01	HOLLUXM000699563422	442000699563422	Kylio	833252	2017	Kerrigan	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLUSAM000002245260	840000002245260	L Red	297294	1993	Leader	Chairman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000814956496	276000814956496	L-Snow	766398	2011	Lonar	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLUSAM000135246025	840000135246025	La Crosse	297829	2004	Colby-Red	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDF	ZBH	CD Gentest
01	HOLDEUM000342921066	276000342921066	La Page	821107	1998	Lukas	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352277841	276000352277841	La Port	676157	2008	Laurin	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579259172	276000579259172	La-Vie	670301	2001	Ladin	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000007683737	124000007683737	Laar-Red	297932	2006	Bravisi	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345511427	276000345511427	Labak	821213	2000	Lantz	Geoffroy	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113588350	276000113588350	Labamba	565104	2001	Lee	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000251467	208002045602472	Laban	822261	2007	Zesty	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113996001	276000113996001	Labanjo	565753	2003	Lheros	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000111824436	276000111824436	Labaru	594372	1998	Laredo Red	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349451563	276000349451563	Label	257297	2003	Lancelot	Zack	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000580295310	276000580295310	Label	802665	2004	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000743121044	528000743121044	Label P	917510	2012	Ladd P	Sunrise	H1N	H2N	H3N	H4P	H5N	CDC	RUW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001502498534	276001502498534	Labello	811059	2004	Laudan	Elwillo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349652611	276000349652611	Labero	831661	2004	Lancelot	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349414958	276000349414958	Labes	763393	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348554895	276000348554895	Labesco	329698	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000113846815	276000113846815	Labiate	565521	2002	Ladin	Salto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114767749	276000114767749	Labium	566676	2005	Laudan	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349953927	276000349953927	Lable	144421	2005	Laudan	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000537096453	276000537096453	Laboe P	917424	2011	Laron P	Spencer 2	H1P	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLNLDM000385455129	528000385455129	Labonti	633808	2004	Lancelot	Demand	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000359223610	276000359223610	Labos	811587	2016	Lighter	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLFRAM005800304225	250005800304225	Labrador	329146	2004	Lancelot	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000188520857	528000188520857	Labrador	820429	1996	Labelle	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000120137172	276000120137172	Labusch	568600	2010	Lonar	Jardin	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM001301482027	276001301482027	Labyrinth	801756	2000	Lantz	Merrill	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000768303922	276000768303922	Lac All	671324	2002	Lee	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000120551215	276000120551215	Lacana P	792800	2013	Ladd P	Ruacana	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	CD Gentest
01	HOLDEUM001261241221	276001261241221	Lacant	144483	2005	Laudan	Preval	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000357303138	276000357303138	Lace Red P	833107	2015	Label P	Elburn	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001403069232	276001403069232	Lacey	832003	2006	Lucifer	Falcao	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351721515	276000351721515	Lachner	471100	2008	Laurin	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344158711	276000344158711	Lachodder	459550	1999	Lowry	Target	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000660915281	276000660915281	Lachs	921717	1998	Laredo Red	Oregon	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401426828	276001401426828	Lacky	831185	2001	Lantz	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000255327	208003870002890	Lacomy P	823034	2012	Laron P	Jeeves	H1N	H2N	H3P	H4N	H5P	CDF	RA	CD Gentest
02	HOLDEUM000345655129	276000345655129	Lacoste	595502	2000	Lentini RF	Maloy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDNKM00000255324	208004181502822	Lacoste	924708	2012	Larson	Destry	H1N	H2P	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLCANM000102725275	124000102725275	Lacto	673209	2005	Titanic	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580082632	276000580082632	Lacus	811001	2004	Lucente	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM0000061362721	840000061362721	Lacy	671905	2003	Lateral	Tanker	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579447385	276000579447385	Lada	802547	2001	Lake	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000519951604	528000519951604	Ladalco	832326	2008	Laurin	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000062887126	840000062887126	Ladd-Red	917141	2006	Classic PS	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345876205	276000345876205	Laddy	460684	2001	Ladin	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000525836090	528000525836090	Ladelin	832358	2009	Laurin	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001271359149	276001271359149	Ladigo	811466	2012	Leko	Bogart	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000102650777	276000102650777	Ladin	560914	1994	Luke	Rambo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000357362122	276000357362122	Ladino	811523	2014	Loren	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLDEUM000538040533	276000538040533	Ladino P	792830	2013	Ladd P	Fidelity	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	CD Gentest
01	HOLDEUM000346426565	276000346426565	Ladislaus	461434	2001	Lake	Juror	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501415822	276001501415822	Ladon	811495	2013	Lexor	Alexander	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000348082142	276000348082142	Ladonis	464518	2004	Lancelot	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000870130805	528000870130805	Ladoro	823088	2013	Lexor	Stol Joc	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLDEUM000111885800	276000111885800	Ladum	594379	1998	Laredo Red	Kastor	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343549252	276000343549252	Ladus	457980	1998	Lee	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000537277021	276000537277021	Ladys Son	917447	2012	Laron P	Zabing	H1P	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000347898030	276000347898030	Ladystar	328724	2003	Lyster	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580288436	276000580288436	Laer	673216	2004	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000440623906	528000440623906	Lafamo	597728	2006	Lichtblick	Beautyfull	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000121030279	276000121030279	Lafar P	588662	2013	Lou P	Ruacana	H1P	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000348132983	276000348132983	Lafaro	464690	2004	Lancelot	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM004195401087	208004195401087	Lafayett	670746	2001	Ladin	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000115119190	276000115119190	Lafino	673485	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000577927224	276000577927224	Laflöer	914426	1998	Laredo Red	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001301957202	276001301957202	Lagant	328091	2002	Lynch	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114151938	276000114151938	Lageno	596600	2003	Lightning	Power	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000664092189	276000664092189	Lagerfeld	923411	2010	Landslide	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000061866214	840000061866214	Laggan	673084	2004	Lancelot	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000418380017	528000418380017	Lagio RF	673482	2005	Laudan	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348217573	276000348217573	Lagnet	465447	2004	Lancelot	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000946768378	528000946768378	Lago P	917597	2013	Ladd P	Kylian	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000578919927	276000578919927	Lagopus	821198	2000	Lantz	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344756503	276000344756503	Lagos	139970	1999	Lukas	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349861725	276000349861725	Lagos	811068	2005	Laudan	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500161611	276001500161611	Lahore	811088	2005	Laudan	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000135781902	840000135781902	Lahti	673030	2004	Lancelot	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000361331014	528000361331014	Lai Top	633343	2003	Laibert	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401927251	276001401927251	Laibach	831306	2002	Laibert	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000335512157	528000335512157	Laibeo	565307	2002	Laibert	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579527516	276000579527516	Laibo	327507	2002	Laibert	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579530273	276000579530273	Laibo	840602	2002	Laibert	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601516877	276001601516877	Laicard	633252	2003	Laibert	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000662206399	276000662206399	Laidstar	840654	2003	Laibert	Design	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000358457578	528000358457578	Laidstern	632849	2002	Laibert	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348480429	276000348480429	Laidus	465106	2004	Lancelot	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401915120	276001401915120	Laiko	831368	2002	Laibert	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347597270	276000347597270	Laikos	327626	2002	Laibert	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000488487472	528000488487472	Laines P	832461	2009	Lawn Boy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768156483	276000768156483	Laitos	632791	2002	Laibert	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000113546965	276000113546965	Laiwood	565530	2002	Laibert	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLGBRM00000644626	826382702503997	Lajano P	832435	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347557486	276000347557486	Lajes	670973	2002	Laibert	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000663284172	276000663284172	Lajord	996956	2008	Lawn Boy	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000341648806	276000341648806	Lajos	810506	1996	Lasso	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349414948	276000349414948	Lajos	831639	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM002103626707	276002103626707	Lajos	840067	1992	Laban	Mandingo	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000578240508	276000578240508	Lajuba	914551	1998	Laredo Red	Bingle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000352119182	276000352119182	Lakai	926907	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000579105366	276000579105366	Lakai	810819	2000	Ladin	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002141062433	250002141062433	Lakanal	634397	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000346125142	276000346125142	Lakbert	840575	2001	Lake	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000108784467	276000108784467	Lake	800303	1994	Luke	Nick	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535272164	276000535272164	Lake P	917180	2008	Lawn Boy	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000356348098	276000356348098	Lake-Red	262890	2012	Ladd P	Super	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001601427140	276001601427140	Lakeri	840589	2002	Lake	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000279792174	528000279792174	Lakewood	669809	2000	Largo	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347580275	276000347580275	Lakinos	327476	2002	Lake	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000368104507	528000368104507	Lakiro	831731	2004	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349747230	276000349747230	Lakomy	802697	2005	Lancelot	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348827950	276000348827950	Lakteo	466038	2005	Laudan	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000660979700	276000660979700	Laktose	563409	1998	Lukas	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000115248577	276000115248577	Lakune	597721	2006	Lichtblick	Savoy Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662550386	276000662550386	Lala	634317	2005	Laudan	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLNLDM000479590956	528000479590956	Lalande P	832260	2008	Lawn Boy	Faber	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348941239	276000348941239	Lalemo	468174	2006	Laudan	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000104259939	124000104259939	Laltima	503967	2007	Jet Stream	Finley	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000767134994	276000767134994	Lalu	746108	1998	Lukas	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114736189	276000114736189	Lamaki	566634	2004	Lancelot	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349861735	276000349861735	Lamando	673331	2005	Laudan	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351721513	276000351721513	Lamani	471099	2008	Laurin	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000666186545	276000666186545	Lamano P	924716	2013	Ladd P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
01	HOLCANM000011696756	124000011696756	Lamar	811489	2013	LetItSnow	Domain	H1N	H2N	H3P	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000349446834	276000349446834	Lamar SU	672207	2003	Lancelot	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401938948	276001401938948	Lamark	831456	2003	Lamiro	New Star	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402115392	276001402115392	Lamat	831463	2003	Lamiro	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000931560536	528000931560536	Lamat P	588049	2011	Laron P	Spencer 2	H1P	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000769757349	276000769757349	Lambada P	499013	2012	Larson	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000345877091	276000345877091	Lambado	459999	2000	Ladin	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015271404	276001015271404	Lambert	252343	1995	Luke	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001401422360	276001401422360	Lambert	831022	2000	Lantz	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342908739	276000342908739	Lamberti	325808	1998	Lukas	Manager	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579794223	276000579794223	Lambo	671272	2002	Ladin	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000388800656	528000388800656	Lambrecht	329699	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580392724	276000580392724	Lambrero	811119	2006	Lucky Mike	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000440623944	528000440623944	Lambrusco	597729	2006	Lichtblick	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000535581276	276000535581276	Lamee P	917316	2009	Lawn Boy	Jetlag	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000537961107	276000537961107	Lamenco	823101	2013	Lexor	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000435773241	528000435773241	Lameo	466552	2005	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579291935	276000579291935	Lamero	670243	2001	Ladin	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579996560	276000579996560	Lametto RF	673230	2005	Laudan	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534164220	276000534164220	Laminat	672704	2004	Lancelot	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM017990068518	380017990068518	Laminat	634311	2005	Lancelot	Manat	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM002930982159	250002930982159	Lamiro	831100	2000	Lantz	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348590633	276000348590633	Lamisto	465962	2005	Laudan	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404626144	276001404626144	Lamitan P	832840	2013	Ladd P	Atwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000348148300	276000348148300	Lamix	464698	2004	Lancelot	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000356272756	276000356272756	Lammert	151545	2012	Ladd P	Super	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349630656	276000349630656	Lamont	144417	2005	Laudan	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM019990580110	380019990580110	Lamont	804180	2008	Lou	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355742472	276000355742472	Lamont P	477502	2012	Ladd P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM017990189764	380017990189764	Lamonti	831783	2005	Lancelot	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351461172	276000351461172	Lamory	470471	2008	Laurin	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302505162	276001302505162	Lamour	804001	2005	Laudan	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000246575	208003001001403	Lamour	831450	2002	Lambada	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349604457	276000349604457	Lampard	257700	2004	Lancelot	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000662646505	276000662646505	Lampard	634502	2005	Laudan	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001502369562	276001502369562	Lampard	822042	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000427594122	528000427594122	Lamparo	673632	2005	Laudan	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000731848047	528000731848047	Lampert	832845	2012	Lexor	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343578286	276000343578286	Lampion	457761	1998	Lee	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351922961	276000351922961	Lamus	599406	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000537810364	276000537810364	Lamy-Red P	262888	2012	Ladd P	Super	H1N	H2N	H3N	H4N	H5N	CDH	OHG	CD Gentest
01	HOLDEUM000663375012	276000663375012	Lan	765291	2008	Laurin	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000243360	208002441201238	Lanark	840501	2000	Lantz	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000813259506	276000813259506	Lanat	763569	2005	Laudan	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000343613448	276000343613448	Lancaster	458461	1999	Lee	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349467702	276000349467702	Lancaster	257299	2003	Lancelot	Bombay	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000580137826	276000580137826	Lance	257979	2004	Lancelot	Manat	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000578194407	276000578194407	Lancelot	254210	1998	Lukas	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000662407746	276000662407746	Lancelu	840749	2004	Lancelot	Design	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000345085316	276000345085316	Lancer	830943	2000	Lantz	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502889503	276001502889503	Lanceron	822056	2004	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM005383280381	250005383280381	Lancet	840720	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM017990715745	380017990715745	Lanciano	832380	2008	Laurin	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349042865	276000349042865	Lancier	672500	2004	Lancelot	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349414920	276000349414920	Lancier	840716	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000061303950	840000061303950	Lancil	822110	2004	Lancelot	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534164218	276000534164218	Lancino	672527	2004	Lancelot	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349914825	276000349914825	Lancio	258408	2005	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000385434212	528000385434212	Lanco	840727	2004	Lancelot	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601891724	276001601891724	Lancome	840728	2004	Lancelot	Marshall ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000248127	208004534801421	Lancome	672531	2004	Lancelot	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349414922	276000349414922	Lancon	763276	2004	Lancelot	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001602092058	276001602092058	Lancy	840793	2005	Lancelot	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000393035256	528000393035256	Lancy	831640	2004	Lancelot	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000938363433	276000938363433	Landadel	794520	2004	Lancelot	Manat	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000344713156	276000344713156	Landano	325679	1999	Lukas	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769717161	276000769717161	Landau	679586	2012	Lavaman	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000940269930	276000940269930	Landau	794750	2005	Laudan	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000345785579	276000345785579	Landbote	810814	2000	Lentini RF	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000486950749	528000486950749	Landego	832307	2008	Laurin	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351396039	276000351396039	Landerbe P	471322	2008	Lawn Boy	Janosch	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000376486590	528000376486590	Landero	831628	2004	Lancelot	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346215297	276000346215297	Landfried	461811	2001	Lake	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000938118804	276000938118804	Landgraf	794500	2004	Lancelot	Glory Box	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001015276695	276001015276695	Landgraf	251920	1994	Luke	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000341388137	276000341388137	Landherr	810580	1997	Lord Lily	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000535410068	276000535410068	Landing	917190	2008	Lawn Boy	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349898895	276000349898895	Landini	258118	2005	Lancelot	Magna	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000348613276	276000348613276	Landjunge	465411	2004	Lancelot	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580245286	276000580245286	Landlord	257747	2004	Lancelot	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353931838	276000353931838	Landmark	473898	2010	Legend	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352277858	276000352277858	Landolf	840946	2008	Laurin	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000495865274	528000495865274	Landolin	471882	2008	Laurin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663410098	276000663410098	Landon	841006	2009	Lightning	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349851110	276000349851110	Landrin	329695	2005	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000385455035	528000385455035	Landro	672717	2004	Lancelot	Demand	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000111869352	276000111869352	Landrover	594586	1998	Laredo Red	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402421865	276001402421865	Landrover	831574	2004	Lancelot	Jasper	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000578510505	276000578510505	Landser	668907	1999	Whamo	Anhalt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350142541	276000350142541	Landsmann	468050	2006	Lichtblick	Marshall ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000349727091	276000349727091	Landstar	257970	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349923991	276000349923991	Landstar	329358	2005	Laudan	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537170894	276000537170894	Landtree	679588	2012	Logan	Marbach	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000579662151	276000579662151	Landuris	670997	2002	Laibert	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000136450045	840000136450045	Lane	673199	2005	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000116357612	276000116357612	Lanero	568545	2008	Laurin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001301488013	276001301488013	Langeoog	821244	2000	Ladin	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345315897	276000345315897	Langer	326796	2000	Lantz	Rubytom ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000111881980	276000111881980	Langette	594821	1998	Laredo Red	Atlas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579328296	276000579328296	Langley	670996	2002	Laibert	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348404866	276000348404866	Langos	465957	2005	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990181769	380019990181769	Langreo	673103	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM001503436790	276001503436790	Lanig	822311	2008	Laurin	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000420829724	528000420829724	Lanin	831800	2005	Lancelot	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354628036	276000354628036	Laninero	149988	2011	Lonar	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349414926	276000349414926	Lanito	831630	2004	Lancelot	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535570435	276000535570435	Lanius P	599450	2008	Lawn Boy	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000813179592	276000813179592	Lanjes	763562	2005	Lancelot	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000812852524	276000812852524	Lanjud	763331	2004	Lancelot	Judge	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000062125705	840000062125705	Lanny	673448	2005	Laudan	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580295317	276000580295317	Lanon	144425	2004	Lancelot	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401861571	276001401861571	Lanos	831580	2003	Lancelot	Delight	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534348175	276000534348175	Lansing	811073	2005	Laudan	Slogan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000535726396	276000535726396	Lansink	917331	2009	Landslide	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349337591	276000349337591	Lansley	464682	2004	Lancelot	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021231790	276001021231790	Lanso	395042	1993	Leadman	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000937712020	276000937712020	Lantana	794570	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLDEUM000812852536	276000812852536	Lantus	763435	2004	Lancelot	Aertus	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000258506105	528000258506105	Lantwin	840512	2000	Lantz	Labelle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000534348165	276000534348165	Lanxio	840770	2005	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000536638190	276000536638190	Lanzarote	917450	2012	Laron P	Mr.Burns	H1P	H2P	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000578911427	276000578911427	Lanze	801743	2000	Lantz	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000268333683	528000268333683	Lanzelot	761598	2000	Lantz	Marty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346118368	276000346118368	Lanzero	461101	2001	Lake	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345085293	276000345085293	Lanzo	830960	1999	Lantz	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580527634	276000580527634	Lanzon	764065	2005	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000116283215	276000116283215	Laola	675905	2007	Laudan	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000348672179	276000348672179	Laore	673227	2005	Laudan	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351783275	276000351783275	Lapagos	331500	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
02	HOLDEUM000343157626	276000343157626	Lapaloma	914510	1999	Laredo Red	Bingle	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000428213420	528000428213420	Lapas	811084	2005	Laudan	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000351912947	276000351912947	Lapoll	927004	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000354850803	276000354850803	Laptop PP	924705	2011	Laron P	Mr.Sam	H1P	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLUSAM000071181689	840000071181689	Larabee	679628	2012	Mogul	Bronco	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
02	HOLDEUM000767463067	276000767463067	Laram	914598	1999	Laredo Red	Helix	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000340948463	276000340948463	Larame	800990	1996	Lasso	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000768631378	276000768631378	Laran	811063	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
02	HOLDEUM000667034429	276000667034429	Larbick PP	924759	2018	Lucky-PP	Apoll P	H1F	H2N	H3C	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLNLDM000870146097	528000870146097	Lardo	149997	2011	Larson	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000578467783	276000578467783	Larell	914635	1999	Laredo Red	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLD000578703745	276000578703745	Laremy	669570	2000	Lantz	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000361655712	528000361655712	Larenco	671663	2003	Laurenzo	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000140146732	840000140146732	Large PP	917312	2009	Lawn Boy	Ludox	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578134190	276000578134190	Largo	810693	1998	Lukas	Bookie	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLITAM016990385890	380016990385890	Largo P	262333	2012	Laron P	Ruacana	H1P	H2N	H3N	H4N	H5P	CDN	OHG	
01	HOLITAM020500202841	380020500202841	Largos	632456	2002	Laibert	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000114569414	276000114569414	Larifai	566714	2004	Laudan	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLD000292560006	528000292560006	Lariks	501722	2000	Aaron	Celsius	H1P	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000537625472	276000537625472	Lario P	262940	2013	Ladd P	Mac	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000350825676	276000350825676	Lariondo	926708	2006	Lichtblick	Konvoy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534287031	276000534287031	Laris	673334	2005	Lancelot	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349694082	276000349694082	Laristo	257960	2004	Lancelot	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000768472495	276000768472495	Larius	811076	2005	Laudan	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768147812	276000768147812	Larnax	565525	2002	Lukas	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355400206	276000355400206	Larnet	766559	2012	Larson	Planet	H1N	H2P	H3N	H4N	H5N	CDP	RBW	CD Gentest
01	HOLITAM098990075100	380098990075100	Larocco	144458	2005	Laudan	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000813179619	276000813179619	Laron	763925	2005	Laudan	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLNLD000497740632	528000497740632	Laron P	923151	2008	Lawn Boy	Shottle	H1P	H2N	H3N	H4N	H5P	CDP	Qnetics	CD Gentest
01	HOLDEUM000816069151	276000816069151	Larona	767777	2015	Lobach	Epic	H1F	H2N	H3F	H4F	H5N	CDP	RBW	CD Gentest
01	HOLNLD000397245284	528000397245284	Laroon	329458	2005	Lancelot	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLLUXM000198172057	442000198172057	Laroso	921990	2000	Lentini RF	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000113658885	276000113658885	Larowo	565523	2002	Lentini RF	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580421567	276000580421567	Larrelt	822147	2005	Laudan	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000535821471	276000535821471	Laroin	260790	2009	Laurin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000579371045	276000579371045	Larron	670659	2001	Lake	Danon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345461865	276000345461865	Larry	821280	2001	Ladin	Juror	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM001021289662	276001021289662	Larryet	395026	1993	Leadman	Bell-Troy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349342440	276000349342440	Lars	257607	2004	Lancelot	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000357455239	276000357455239	Lars	276000357455239	2014	Racer	Supersire	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
02	HOLDEUM000664208847	276000664208847	Lars P	499002	2011	Laron P	Kontur	H1P	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM001404248815	276001404248815	Lars P	837651	2011	Larson	Lawn Boy	H1N	H2P	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000347341068	276000347341068	Larsen	821275	2001	Ladin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344755659	276000344755659	Larson	810795	2000	Lantz	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLD000886728971	528000886728971	Larudi P	473344	2009	Lawn Boy	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114573787	276000114573787	Larus	802688	2005	Laudan	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401174620	276001401174620	Larus RF	830766	1999	Laredo Red	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000380996522	528000380996522	Larvik	672927	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580392694	276000580392694	Las Vegas	673800	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000256463	208006257704533	Las Vegas	619087	2013	LelitSnow	Domain	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD Gentest
01	HOLNLD000424637859	528000424637859	Lasady P	472242	2008	Lawn Boy	Throne	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000343157957	276000343157957	Lasal	914691	1999	Laredo Red	Solex	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343146613	276000343146613	Lasalle	810682	1998	Lukas	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000663524057	276000663524057	Lasalle	923370	2009	Lawn Boy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349414950	276000349414950	Lasar	822027	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662940357	276000662940357	Lascari	635557	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000352306547	276000352306547	Lasco	148047	2008	Laurin	Best	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM00000247235	208003372302109	Laser	633087	2003	Lheros	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000538665075	276000538665075	Laser PP	917552	2014	Label P	Ladd P	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLNLD000358040455	528000358040455	Lashes	832214	2008	Laurin	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000350451194	276000350451194	Lashko	597760	2006	Lichtblick	Maxximo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

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Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001403417730	276001403417730	Laskar	832295	2008	Laurin	Lucifer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLD000762041879	528000762041879	Lasky P	588670	2013	Ladd P	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000349508483	276000349508483	Laslo	802649	2004	Lancelot	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLD0000337849019	528000337849019	Laslo	671052	2002	Laibert	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLDEUM000538629943	276000538629943	Lasogga P	917554	2014	Label P	Alchemy	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000352277818	276000352277818	Lasonas	471093	2008	Laurin	Ramos	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000662992189	276000662992189	Lasse P	923156	2008	Lawn Boy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000663140112	276000663140112	Lassek	923161	2008	Lawn Boy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001265168305	276001265168305	Lassimo	466830	2005	Laudan	Basar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661647106	276000661647106	Last	632278	2001	Lee	Tab	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000103513078	124000103513078	Last Call	926781	2006	Lichtblick	Durham	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347596515	276000347596515	Lastro	256281	2001	Lee	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249796	208006257701808	Lastrup	831849	2005	Laudan	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLD000499471075	528000499471075	Lasumo P	832283	2008	Lawn Boy	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000537482554	276000537482554	Late P RF	680117	2012	Ladd P	O-Man	H1N	H2N	H3P	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000768147798	276000768147798	Laterit	810926	2002	Loudhoeve	Franco Gen	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000116325148	276000116325148	Latery	568561	2008	Laurin	Outside	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM0004240276694	250004240276694	Latigo	831026	2000	Lantz	Corky	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000666082073	276000666082073	Latigo P	924704	2011	Laron P	Mr.Burns	H1P	H2P	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000355742467	276000355742467	Latinum P	823075	2012	Ladd P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661796236	276000661796236	Latio	810890	2002	Laibert	Gigh	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000344774747	276000344774747	Lato	925821	1999	Laredo Red	Deister	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813405120	276000813405120	Lato	764092	2005	Laudan	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLITAM012990015246	380012990015246	Latore	673104	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLUSAM000063445821	840000063445821	Latrox	926774	2006	Lichtblick	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661683265	276000661683265	Lattek	327409	2001	Lake	Mason	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401957253	276001401957253	Latz	831307	2002	Laibert	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662572620	276000662572620	Lau	802692	2005	Laudan	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000663374986	276000663374986	Lauban	841008	2009	Laurin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351562393	276000351562393	Laubaro	471065	2008	Laurin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351395970	276000351395970	Laubell	470864	2008	Laurin	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580401456	276000580401456	Lauber	840774	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000351461174	276000351461174	Laubit	840916	2008	Laurin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350131459	276000350131459	Laubus	465960	2005	Laudan	Tabaluga	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000841158481	528000841158481	Lauch	820356	1995	Labelle	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350349537	276000350349537	Laudabilis	674223	2006	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578448776	276000578448776	Laudan	810695	1998	Lukas	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000136365664	840000136365664	Laudanum	822086	2005	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000535278608	276000535278608	Laudare	676156	2008	Laurin	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000249264	208003372302633	Laudatio	673339	2005	Laudan	Magna	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348698844	276000348698844	Laudator	465404	2005	Laudan	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346273808	276000346273808	Laudatos	461102	2001	Lake	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114573775	276000114573775	Laudatum	831692	2004	Laudan	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD0000421876358	528000421876358	Laudenz	831814	2005	Laudan	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351783293	276000351783293	Laudero	840922	2008	Laurin	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000102747486	124000102747486	Laudett	329660	2005	Laudan	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352906626	276000352906626	Laudin	260650	2008	Laurin	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001601937141	276001601937141	Laudino	840781	2005	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM017990189855	380017990189855	Laudino	831831	2005	Laudan	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580295605	276000580295605	Laudo	672926	2004	Laudan	James	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000061906746	840000061906746	Laudor	329777	2005	Laudan	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502498544	276001502498544	Laudson	840767	2005	Laudan	Elwido	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348532839	276000348532839	Laumo	840741	2004	Laudan	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352208364	276000352208364	Laugold	472040	2008	Laurin	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM191181740678	372191181740678	Lauman	831872	2005	Laudan	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348613271	276000348613271	Laumel	763693	2004	Laudan	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000116593067	276000116593067	Launic	765273	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000814130675	276000814130675	Lauplex	765076	2008	Laurin	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000344308593	276000344308593	Laurano	459469	1999	Lee	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001264186524	276001264186524	Laureano	811103	2006	Laudan	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000578615624	276000578615624	Laurel	914666	1999	Laredo Red	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578717053	276000578717053	Laurel	925880	1999	Lay Out	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662564683	276000662564683	Laurello	840768	2005	Laudan	Manfred-ET	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000930755079	276000930755079	Laurent	795250	2008	Laurin	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLNLDM000622046493	528000622046493	Laurent P	811546	2014	Label P	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001500151603	276001500151603	Laurenti	811227	2008	Lou	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000349905028	276000349905028	Laurentio	926656	2005	Laurel	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347434563	276000347434563	Laurenz	802562	2002	Lake	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349914818	276000349914818	Laurenz	258515	2005	Lancelot	Durham	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001021158514	276001021158514	Laurenzio	393079	1992	Leadman	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLLUXM000998089706	442000998089706	Laurenzo	921815	1999	Lucky Red	Mascot	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000813203025	276000813203025	Laurett	763959	2005	Laudan	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001403654916	276001403654916	Lauretto	811302	2009	Laurin	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348532899	276000348532899	Laureus	811058	2004	Laudan	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352670655	276000352670655	Lauriano	811314	2009	Laurin	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348941217	276000348941217	Laurick	466037	2005	Laudan	Outside	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662985051	276000662985051	Laurico	840923	2008	Laurin	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349720909	276000349720909	Laurin	144427	2005	Laudan	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001300482772	276001300482772	Laurin	801683	1999	Lasso	Cleiber-Sh	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001602630782	276001602630782	Lauris	840981	2009	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000662572825	276000662572825	Laurist	634365	2005	Laudan	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001302276243	276001302276243	Lauritz	802679	2004	Laudan	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000355583524	276000355583524	Lauro	476499	2012	Lavaman	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813083788	276000813083788	Lauron	762977	2004	Laudan	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000813083791	276000813083791	Lauron	763662	2004	Laudan	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000813083797	276000813083797	Lauron	634092	2004	Laudan	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM00000249248	208004109203291	Lauroy	840772	2005	Laudan	Morty	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000432549416	528000432549416	Lauroz	673861	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114569413	276000114569413	Laurod	566713	2004	Laudan	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
02	HOLDEUM000112556055	276000112556055	Laurus	595094	1999	Lombard	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSR	
01	HOLDEUM000349643960	276000349643960	Laurus	804010	2005	Laudan	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349738106	276000349738106	Laurus	831784	2005	Laudan	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352456475	276000352456475	Laurus	148502	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000939890808	276000939890808	Laurus	794730	2005	Laudan	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000348872669	276000348872669	Lausam	468171	2006	Laudan	Interval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579903870	276000579903870	Lausanne	672929	2004	Lancelot	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662402520	276000662402520	Lausbub	634316	2005	Laudan	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM001021246062	276001021246062	Lauscher	395649	1993	Leadman	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM004403903267	250004403903267	Lauscher	151525	2012	Leadman	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000348307760	276000348307760	Lausi	463853	2003	Lemir	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000813083840	276000813083840	Lauson	763938	2005	Laudan	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000492874525	528000492874525	Lausop	832391	2009	Laurin	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813179591	276000813179591	Lausther	763563	2005	Laudan	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000488156604	528000488156604	Lautex	832376	2008	Laurin	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813405102	276000813405102	Lautoto	764011	2005	Laudan	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000116481720	276000116481720	Lautox	568571	2009	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM004990134987	380004990134987	Lauty	763500	2005	Laudan	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346435451	276000346435451	Laux	461615	2002	Lake	Patrick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579424500	276000579424500	Lava	256540	2002	Laibert	Miklin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000537556343	276000537556343	Lavaglut	680223	2013	Lavaman	Bowser	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
02	HOLDEUM000578538681	276000578538681	Lavano	915022	1999	Labadia	Bingle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500848951	276001500848951	Lavano	822141	2005	Lancelot	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579947636	276000579947636	Lavar	672705	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537106422	276000537106422	Lavar P	917415	2011	Laron P	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001304283925	276001304283925	Lavard	804300	2012	Lavaman	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDNKM00000255604	208004433405013	Lavastrom	679886	2012	Lavaman	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000578496451	276000578496451	Lavendel	810696	1998	Lee	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000343997408	276000343997408	Lavenno	459996	1999	Lee	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768472742	276000768472742	Laver	764061	2005	Laudan	Riverland	H1N	H2P	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000344161528	276000344161528	Lavik	459510	1999	Loriot	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000811648828	276000811648828	Lavio	995864	2000	Laveman	Ohio	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLCANM000104852712	124000104852712	Lavish	331655	2008	Bolton	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLITAM020990107193	380020990107193	Lavit	634471	2005	Laudan	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000352590500	276000352590500	Lavito P	472969	2009	Lawn Boy	Final Cut	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLLUXM000798383317	442000798383317	Lavol	922335	2003	Lightning	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003134971749	840003134971749	Lavonte	508779	2017	Superhero	Rubicon	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000348161005	276000348161005	Lawai	466096	2005	Laudan	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351764650	276000351764650	Lawent	996498	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000116205586	276000116205586	Lawento	599433	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000352191010	276000352191010	Lawento	331674	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813824943	276000813824943	Lawin P RF	765073	2008	Lawn Boy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000866671181	528000866671181	Lawin RF	476822	2012	Snowman	Twister	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000350446109	276000350446109	Lawis	804036	2006	Laudan	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000662992183	276000662992183	Lawnclass	996492	2008	Lawn Boy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000578905889	276000578905889	Lawrence	821269	2000	Lukus	Enehold	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000138818382	840000138818382	Lawyer P	917149	2007	Lawn Boy	Tribute	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000255322	208004141202250	Laxa P	766590	2012	Laron P	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	CD Gentest
01	HOLDEUM000666391070	276000666391070	Lay	767120	2013	Lxor	Goldday	H1N	H2N	H3N	H4N	H5N	CDN	RBW	CD Gentest
02	HOLNLDM000825234239	528000825234239	Lay Out	297226	1992	Leader	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578442399	276000578442399	Lay-On	914692	1999	Lay Out	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768366378	276000768366378	Layton	672532	2004	Lancelot	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580408805	276000580408805	Lazar	258333	2005	Lancelot	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLNLDM000645569836	528000645569836	Lazar P	924735	2014	Label P	Snowman	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLITAM019990607309	380019990607309	Lazaro	811275	2008	Laurin	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001401362333	276001401362333	Lazi	831058	2000	Lantz	Jelmou RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345199746	276000345199746	Lazio	326770	2000	Lentini RF	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666062406	276000666062406	Lazio	619055	2012	Larson	Snowman	H1N	H2P	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000536633316	276000536633316	Le Midi	677908	2010	Legend	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538110816	276000538110816	LeChiffre	680761	2013	LeIttSnow	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001600790019	276001600790019	Lead ET	840428	1998	Lee	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLITAM004902025363	380004902025363	Leader	922042	2000	Lentini RF	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000002187350	840000002187350	Leadmar	504088	1991	Leadman	Wayne	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000113640022	276000113640022	Leagold	565374	2002	Lartist	Esquimau	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000353953149	276000353953149	Leander	149945	2010	Logan	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM001401979280	276001401979280	Leandro	831347	2002	Leduc	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342390506	276000342390506	Leandros	810732	1999	Lasso	Bussum	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000660979704	276000660979704	Leao	830787	1998	Lukas	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000137292394	840000137292394	Learos	505889	2005	Goldwin	Aaron	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000489002423	528000489002423	Learoy	832209	2007	Lou	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001013405172	276001013405172	Leben	283017	1994	Lexus	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348941218	276000348941218	Lebino	466309	2005	Laudan	Outside	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134137773	840000134137773	Lebron	505550	2003	Paradox	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000342462090	276000342462090	Lector	821093	1998	Lee	Casals ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354026205	276000354026205	Lector	261484	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDNKM000000254107	208002371402163	Ledansk	568558	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001012231823	276001012231823	Ledor	135504	1994	Lexus	Dirk	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000345612976	276000345612976	Leeb	141122	2000	Lee	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000569034506	528000569034506	Leens	678325	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM000666212226	276000666212226	Lefano	811483	2013	Lexor	Domain	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000136365833	840000136365833	Legacy	505737	2005	Laudan	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001500704879	276001500704879	Legal	821408	2003	Lheros	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000359508079	528000359508079	Legalis	822444	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
02	HOLUSAM000063813833	84000063813833	Legamon	926782	2007	Lichtblick	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021231282	276001021231282	Legan	395615	1993	Leadman	Chief Mark	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265168324	276001265168324	Legan	811106	2005	Laudan	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000536644947	276000536644947	Legato	261490	2010	Legend	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001303752539	276001303752539	Legau	804252	2010	Legend	Pagewire	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347813981	276000347813981	Legende	257035	2003	Leopard	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000533187843	528000533187843	Legis	678703	2011	Legend	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348438653	276000348438653	Legitim	831618	2004	Lee	Progress	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112064743	276000112064743	Lego	830827	1998	Lee	Grand ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533768277	276000533768277	Legoland	821386	2002	Lukas	Jarry jabo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348375359	276000348375359	Legolas	465419	2004	Laudan	Ladin	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000352976294	276000352976294	Legolas P	260991	2009	Lawn Boy	Persia-Red	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
02	HOLDEUM000666179011	276000666179011	Legolas P	960800	2012	Laron P	Mr.Burns	H1P	H2N	H3N	H4N	H5P	CDC	Qnetics	CD Gentest
01	HOLDEUM000354055832	276000354055832	Legold	811378	2010	Legend	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001269135942	276001269135942	Legrand	810334	1995	Luke	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000525455439	528000525455439	Legrand	149906	2010	Legend	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000355165359	276000355165359	Legula	151507	2011	Leko	Jardin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000350751766	276000350751766	Lehar	145567	2007	Lichtblick	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000662402528	276000662402528	Lehmann	802691	2005	Leif	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580401478	276000580401478	Leicester	811081	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM001402903927	276001402903927	Leico	831951	2006	Leif	Sandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344825401	276000344825401	Leif	801705	1999	Lukas	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349540464	276000349540464	Leifman	802681	2005	Leif	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000358058501	276000358058501	Lekas	154211	2015	Lennon	Chap	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000425598456	528000425598456	Leko	811087	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001401174516	276001401174516	Lektor	830815	1998	Lee	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501255853	276001501255853	Lektor	823158	2015	Leno	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLFRAM002211467857	250002211467857	Lekur	823066	2012	Leko	Planet	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest

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German AI bulls
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01	HOLDEUM000115875022	276000115875022	Lemano	567480	2007	Lichtblick	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346653342	276000346653342	Lemaro	463116	2003	Lheros	Lasso	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536706723	276000536706723	Lemgo	678165	2010	Legend	Stylist	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021538345	276001021538345	Lemir	398447	1994	Luke	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252059	208003001001614	Lemmerick	832232	2007	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401317223	276001401317223	Lemming	830886	1999	Leopard	Casals ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348506234	276000348506234	Lemming	465664	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115119181	276000115119181	Lemmna	566666	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM002211467858	250002211467858	Lemmon	680114	2012	Leko	Planet	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000122629391	276000122629391	Lemon	572944	2016	Lighter	Model	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDEUM001301716582	276001301716582	Lemon	802533	2001	Lee	Triple	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402245700	276001402245700	Lemon	831584	2003	Leopard	Manuel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000964549227	528000964549227	Lemon Pie	499052	2015	Supershot	Fanatic	H1F	H2N	H3C	H4F	H5N	CDN	Goepel	
02	HOLDEUM000579195678	276000579195678	Lemond	915932	2001	Lentini RF	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M003134545042	840003134545042	Lemony	508610	2017	Lopez	Mogul	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLDEUM000350597968	276000350597968	Lemper	922818	2006	Lichtblick	September	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001502889507	276001502889507	Lempius	822060	2004	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401362499	276001401362499	Lemur	831110	2000	Lantz	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000255825	208003372305725	Lemur	151537	2012	Levi	Super	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLNLDM000919137806	528000919137806	Lendary	833012	2013	LetItSnow	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000345397069	276000345397069	Lendel	326945	2001	Lentini RF	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349446821	276000349446821	Lenker	802623	2003	Lancelot	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000204611765	528000204611765	Lenker	138836	1997	Lasso	Belt	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344405903	276000344405903	Lenko	460031	2000	Lee	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353831144	276000353831144	Lennard	822437	2010	Legend	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000579305506	276000579305506	Lennart	632461	2001	Ledor	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534193269	276000534193269	Lennert	822048	2004	Lancelot	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000256068	208003372305882	Lennon	151551	2013	Lexor	Time	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
01	HOLDEUM000660979705	276000660979705	Lennox	325750	1998	Lukas	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404519402	276001404519402	Lennox	804318	2012	Lexor	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001602607566	276001602607566	Lennox	841000	2009	Lightning	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	LTR	CD Gentest
01	HOLDNKM000000256104	208003372305890	Leno	811484	2013	Lexor	Time	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLNLDM000376564430	528000376564430	Lenor	831582	2003	Leopard	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533373390	276000533373390	Lenor RF	669925	2000	Lentini RF	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000534917684	276000534917684	Lenos	917161	2007	Lenor RF	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001404580609	276001404580609	Lenovo	833324	2018	Legendary	Josuper	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000578905892	276000578905892	Lensino RF	670156	2000	Lentini RF	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000113228623	276000113228623	Lenstar	595548	2001	Lentini RF	Jurist	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000661455949	276000661455949	Lentano	921938	2000	Lentini RF	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001012337003	276001012337003	Lentini RF	135508	1994	Luke	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001021487358	276001021487358	Lento	399669	1995	Luke	Mandingo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345723622	276000345723622	Lenty	460095	2000	Lentini RF	Black	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811962781	276000811962781	Lenwood_RF	762291	2001	Lentini RF	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000112249201	276000112249201	Lenz	801669	1998	Lee	Lux	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342326182	276000342326182	Lenz	457775	1998	Lukas	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000810684399	276000810684399	Lenz	761147	1998	Lee	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001012114357	276001012114357	Leo ET	323172	1991	Lincoln	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001404867404	276001404867404	Leo Red PP	833099	2015	Label P	Colt-P	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000533922897	276000533922897	Leo-Lord	840649	2003	Leopard	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000890157413	528000890157413	Leolino	473871	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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01	HOLDEUM000349404624	276000349404624	Leon	257292	2003	Leopard	Demand	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351783290	276000351783290	Leon	148039	2008	Laurin	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLCANM000007891927	124000007891927	Leon Red	297953	2006	Lichtblick	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000098144217	442000098144217	Leonardo	254789	1999	Lee	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000346469776	276000346469776	Leonas	462089	2001	Lee	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348590666	276000348590666	Leonow	811065	2005	Laudan	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000487850419	528000487850419	Leontes	832199	2007	Lou	Atom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000195265105	528000195265105	Leopard	830577	1997	Lord Lily	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120979318	276000120979318	Leopol	570444	2013	Lexor	Jango	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000349854953	276000349854953	Leporello	597749	2005	Ludox	Rubens	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402287294	276001402287294	Leppo	831596	2003	Leopard	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990194880	380019990194880	Leptron	329560	2005	Laudan	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000692308565	528000692308565	Lerano	811439	2011	Leko	Cricknet	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346608473	276000346608473	Leroso	463111	2003	Lheros	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000101670265	124000101670265	Lerot	821457	2003	Champion	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000661140625	276000661140625	Lerox	631205	1998	Lee	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578184943	276000578184943	Leroy	810679	1998	Lee	Lincoln	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578947289	276000578947289	Leroy	140086	2000	Lantz	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM017990189775	380017990189775	Lesandro	329559	2005	Lancelot	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349086437	276000349086437	Lesco	633298	2003	Leopard	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000354026209	276000354026209	Lese	766008	2010	Legend	Jose	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000114573773	276000114573773	Lesly	811053	2004	Laudan	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001300543112	276001300543112	Lesotho	801677	1998	Lukas	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345885936	276000345885936	Lesoto	460472	2001	Lentini RF	Cadillac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000919137781	528000919137781	Lesson	680950	2013	LeIttSnow	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
02	HOLDEUM000351437268	276000351437268	Lester	148026	2007	Lichtblick	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001015205126	276001015205126	Lester	840031	1991	Leadman	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000121518732	276000121518732	Lester P	917548	2014	Label P	Destry	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000136426376	840000136426376	Lester-ET	505787	2005	Talent2	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000359235142	276000359235142	Lestrup	619169	2017	Louis	Suran	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLNLDM000543462798	528000543462798	Lets-Go	678168	2010	Legend	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000256464	208002371402556	Letter	151562	2013	LeIttSnow	Time	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
01	HOLDEUM000348632043	276000348632043	Lettino	465413	2004	Laudan	Roels	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580523120	276000580523120	Leuchtturm	468048	2005	Lichtblick	Ferdi	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115497636	276000115497636	Leukom	597754	2006	Lichtblick	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346631365	276000346631365	Leumund P	463399	2003	Lemir	Wim	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000663301614	276000663301614	Leuron P	599458	2008	Lawn Boy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346565574	276000346565574	Leutnitz	462773	2002	Lento	Samuel	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115716084	276000115716084	Levando	597757	2006	Lichtblick	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000662992184	276000662992184	Levant	926884	2008	Lawn Boy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000348461544	276000348461544	Levanter	466095	2005	Laudan	Luna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001304433283	276001304433283	Levator	479004	2013	LeIttSnow	Bronco	H1N	H2N	H3P	H4N	H5P	CDN	RSH	CD Gentest
01	HOLDEUM000343997303	276000343997303	Level	821097	1998	Lee	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347916681	276000347916681	Level	257040	2003	Leopard	Brett	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000350104805	276000350104805	Level	804006	2005	Lancelot	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000769922528	276000769922528	Level	680235	2013	Lexor	Observer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOL840M003132923846	840003132923846	Level One	508853	2017	Legendary	Josuper	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM001021158821	276001021158821	Lever	810096	1991	Lindy	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLCANM000106015342	124000106015342	Levet	822410	2009	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402375821	276001402375821	Levi	831548	2003	Leopard	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000578466689	276000578466689	Levico	915579	2000	Lentini RF	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345294212	276000345294212	Levin	141420	2000	Lee	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000730435343	528000730435343	Levino	476361	2011	Snowman	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000810988190	276000810988190	Levis	761205	1998	Lee	Travis	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001401681069	276001401681069	Levis	831248	2001	Lee	Diapason	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360735369	276000360735369	Levis PP	499110	2017	Lucky-PP	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000348064225	276000348064225	Levit	811006	2004	Lancelot	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666422439	276000666422439	Lewando	619091	2013	Lexor	Observer	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001501416517	276001501416517	Lewi	823106	2013	LetItSnow	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000579109216	276000579109216	Lewis	821219	2000	Lentini RF	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000494734245	528000494734245	Lewitan PP	832467	2009	Lawn Boy	Perk Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356447182	276000356447182	Lewitz	804337	2013	Lexor	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLCANM000104207134	124000104207134	Lex-Red	917106	2006	Saito RF	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000116044299	276000116044299	Lexam	568535	2008	Lou	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000356333955	276000356333955	Lexard	823078	2013	Lexor	Wizzard	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
01	HOLDEUM001404050717	276001404050717	Lexfort	832627	2012	Lexor	Bowser	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000343555046	276000343555046	Lexikon	457651	1998	Lee	City	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000256065	208003372305844	Lexington	619078	2013	Lexor	Time	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000355766421	276000355766421	Lexino	477854	2013	Lexor	Masaccio	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000112187114	276000112187114	Lexma	595127	1999	Laredo Red	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001501272513	276001501272513	Lexmont	823167	2015	Lexington	Suran	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLFRAM002215667076	250002215667076	Lexos	841017	2010	Legend	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000116122914	276000116122914	Lexto	599424	2008	Lawn Boy	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000355400190	276000355400190	Lexus	262838	2012	Lexor	Super	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001601624361	276001601624361	Lexus	633752	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLUSAM000051420859	840000051420859	Lexvold ET	505120	2000	Lantz	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000930575180	528000930575180	Lexy	804290	2011	Leko	Gibor	H1N	H2N	H3N	H4P	H5N	CDN	RA	
02	HOLNLDM000207464977	528000207464977	Lh Quick	594343	1998	Tulip	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579953170	276000579953170	Lhemar	671732	2003	Lheros	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM001601660101	276001601660101	Lhertom	840642	2003	Lheros	Storm	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000346612685	276000346612685	Lherwal	840643	2003	Lheros	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000343315720	276000343315720	Liall	669903	2000	Lee	Clinton	H1N	H2P	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579818574	276000579818574	Liam	840672	2003	Lightning	Roels	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLNLDM000438266124	528000438266124	Libello	468281	2005	Lichtblick	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534682709	276000534682709	Libens	996403	2006	Lichtblick	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000580419040	276000580419040	Liber	996399	2006	Lichtblick	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000343649175	276000343649175	Liberal	457451	1998	Lee	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501195811	276001501195811	Liberio	811326	2009	Lightning	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001501709384	276001501709384	Liberio	823098	2013	Lexor	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLNLDM000338451163	528000338451163	Liberio	922191	2001	Lightning	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000537889942	276000537889942	Liberio P	499022	2013	Ladd P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000344111160	276000344111160	Liberty	458651	1999	Lukas	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134650104	840000134650104	Liberty ET	505552	2003	Brant	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579819924	276000579819924	Libo	916812	2003	Lightning	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000354898906	528000354898906	Liborius	328096	2003	Lheros	Ronald	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346499413	276000346499413	Libretto	462777	2002	Lee	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533829996	276000533829996	Libuda	821445	2003	Lheros	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000813422404	276000813422404	Liby	996375	2006	Lichtblick	Colby-Red	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000580694205	276000580694205	Lican	917086	2006	Lichtblick	Konvoy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000469647305	528000469647305	Licata	917109	2006	Lichtblick	Beautyfull	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000662724976	276000662724976	Lichow	996664	2006	Lichtblick	Rainbow	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350216760	276000350216760	Lichtas	466672	2005	Lichtblick	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000345785578	276000345785578	Lichtblick	459992	2000	Lentini RF	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350554696	276000350554696	Lichtenau	468177	2006	Lichtblick	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348965493	276000348965493	Lichtjahr	466823	2006	Lichtblick	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815440366	276000815440366	Lick P	766972	2013	Ladd P	Cricket	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000346258284	276000346258284	Liconi	461308	2001	Lentini RF	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348613285	276000348613285	Liconi	466281	2004	Laudan	Brett	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLGBRM00000647997	826382702704629	Lictor	473786	2009	Jeeves	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356333324	276000356333324	Lidano P	570441	2013	Ladd P	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000345809064	276000345809064	Lidas	459739	2001	Lee	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000467766172	528000467766172	Lidio	922912	2006	Lichtblick	Jordan-Red	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000115371364	276000115371364	Lidl	996582	2006	Lichtblick	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001012337005	276001012337005	Lido	135510	1994	Luke	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLNLDM000470506435	528000470506435	Lidolf	922856	2006	Lichtblick	Faber	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000662699599	276000662699599	Lidon	996400	2006	Lichtblick	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000344051292	276000344051292	Lidor	810791	2000	Lantz	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000534423640	276000534423640	Lieberman	917114	2006	Lichtblick	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000494433878	528000494433878	Liebfried	471871	2008	Lawn Boy	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348082460	276000348082460	Liebherr	464455	2004	Lancelot	Basar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345094627	276000345094627	Liebling	326845	2000	Lee	Flip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580392685	276000580392685	Liek	917028	2005	Ludox	Lee	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000438266256	528000438266256	Lienhard	831942	2006	Lichtblick	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000813449490	276000813449490	Life Art	917096	2006	Lichtblick	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000534600151	276000534600151	Lifeguard	917120	2006	Lichtblick	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349552968	276000349552968	Lifestyle	329354	2004	Leif	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662849444	276000662849444	Lifetek	635365	2007	Lou	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580631072	276000580631072	Liftime	922816	2006	Lichtblick	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000342915118	276000342915118	Lift	139953	1998	Lukas	Enehould	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346319260	276000346319260	Liga	462513	2002	Lee	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348613255	276000348613255	Ligal	465657	2005	Laudan	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000363682279	528000363682279	Light	671842	2003	Lightning	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000359469706	276000359469706	Lightbox	833226	2016	Lighter	Commander	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001504281833	276001504281833	Lightlife	823207	2017	Lighter	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLNLDM000430249071	528000430249071	Lightlife	831841	2006	Lichtblick	Beautyfull	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001405497690	276001405497690	Lightline	833217	2016	Lighter	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001503818012	276001503818012	Lighton	822398	2009	Lightning	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000122629390	276000122629390	Lightstar	833225	2016	Lighter	Model	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLNLDM000365031891	528000365031891	Lightstar	922345	2003	Lightning	Andries	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000491286628	528000491286628	Lightway	923004	2007	Lightning	Ronald	H1N	H2N	H3N	H4N	H5N	CDF	ZBH	CD Gentest
01	HOLDEUM001402836570	276001402836570	Ligist	831975	2006	Lichtblick	Dowin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535936369	276000535936369	Ligo	811330	2009	Lightning	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000369790181	528000369790181	Like	916910	2003	Lightning	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666914082	276000666914082	Like Snow	619172	2017	Lighter	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000812180236	276000812180236	Likon	762652	2002	Lee	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578991422	276000578991422	Likud	326800	2000	Lantz	Ro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351233958	276000351233958	Lilas	470360	2007	Lichtblick	Cebit	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000108078756	528000108078756	Lillehamme	297323	1994	Marty	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000115119230	276000115119230	Liman	144488	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000532922708	276000532922708	Liman	821094	1998	Lukas	Benefit ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000423390045	528000423390045	Limaso	917041	2005	Lightning	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349042870	276000349042870	Limator	328823	2004	Lucente	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000380990593	528000380990593	Limbeck	328981	2004	Lucente	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000203822621	528000203822621	Limburger	283722	1997	Lord Lily	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000108559118	124000108559118	Limelight	823119	2013	Shotglass	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000353157457	276000353157457	Limes	260797	2009	Lightning	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000580401523	276000580401523	Limes	917075	2005	Lichtblick	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000662699598	276000662699598	Limited	922813	2006	Lichtblick	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000605857467	528000605857467	Limono	917336	2010	Lion King	Kian	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000814238484	276000814238484	Limrock	832443	2009	Lightning	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000071588555	840000071588555	Linchpin	507272	2013	Lexor	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000576192453	276000576192453	Linco	820131	1992	Lincoln	Wayne	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000135178092	840000135178092	Lincoln	505615	2004	Best	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLNLDM000495954604	528000495954604	Lindau P	923170	2008	Lawn Boy	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000484938767	528000484938767	Lindberg	917216	2007	Lithium	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLSWEM000253943389	75200253943389	Lindberg	636303	2008	Laurin	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000352900471	276000352900471	Lindbert	472967	2009	Lightning	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346618237	276000346618237	Lindgren	463036	2002	Lheros	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351019702	276000351019702	Lindhoop	469671	2007	Lichtblick	Durham	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001402499396	276001402499396	Lindsay	831972	2006	Lichtblick	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000062496572	840000062496572	Lineman	917121	2006	Lichtblick	September	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001302694749	276001302694749	Lines	804018	2005	Leif	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347792741	276000347792741	Lingam	821405	2003	Limburger	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114706426	276000114706426	Lingor	328698	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000768472736	276000768472736	Lingotto	329746	2005	Laudan	Hunter NL	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115143094	276000115143094	Lingulas	597737	2005	Ludox	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000112064742	276000112064742	Linie	563436	1998	Lee	Grand ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345933648	276000345933648	Linik	459811	2000	Lentini RF	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLITAM019990913487	380019990913487	Linkin P	151506	2011	Laron P	Mr.Burns	H1P	H2N	H3N	H4N	H5P	CDN	VOST	
02	HOLNLDM000442220862	528000442220862	Linol	917087	2006	Lichtblick	Merton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000728728579	276000728728579	Linstar	820127	1992	Lincoln	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000360023959	276000360023959	Linus	811596	2017	Lighter	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001301810026	276001301810026	Linus	802550	2002	Lake	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLBELM000126933968	056000126933968	Lio	917420	2010	Destry	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000251895	208003372303622	Lion	822274	2007	Lou	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000653401058	528000653401058	Lion	499071	2015	Missouri	Willpower	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
02	HOLDEUM000662724982	276000662724982	Lion-Red	922821	2006	Lichtblick	Rainbow	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000359176199	276000359176199	Lionboy	833215	2016	Lighter	Gain	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000537598624	276000537598624	Lionel	811472	2012	Lexor	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000662206477	276000662206477	Lionel	633604	2003	Lheros	Bestow	H1P	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLDEUM000947576154	276000947576154	Lionel	298246	2013	Ladd P	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000347055748	276000347055748	Lippi	802501	2000	Lentini RF	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000430249095	528000430249095	Lippi	831988	2006	Lichtblick	Beautyfull	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353148285	276000353148285	Lipton	260959	2009	Lightning	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000579810478	276000579810478	Lipton	916895	2003	Lightning	Maxximo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001403195304	276001403195304	Liptonice	832149	2007	Lichtblick	Einstein	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000644288	826382702204113	Liqueur	473469	2009	Shottle	Goldwin	H1N	H2N	H3N	H4N	H5P	CDC	MAR	CD Gentest
02	HOLNLDM000372613992	528000372613992	Liquid	916968	2004	Lightning	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000476606902	528000476606902	Lirac	832112	2006	Lichtblick	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534423637	276000534423637	Lirio	917103	2006	Lichtblick	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001602607596	276001602607596	Liroy	822419	2009	Lightning	Bolton	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000534600153	276000534600153	Lisan RF	674692	2006	Lichtblick	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000113170064	276000113170064	Lischow	565111	2001	Lake	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578706931	276000578706931	Lismore	669287	1999	Lee	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000439765064	528000439765064	Lissabon	917084	2006	Lichtblick	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000813179657	276000813179657	Listar	996584	2006	Lichtblick	Goldstar	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOL840M003012662536	840003012662536	Lister	507516	2013	Lithium	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000349414923	276000349414923	Lister	257558	2004	Lancelot	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000111888103	276000111888103	Listig	563075	1998	Lukas	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000347028137	276000347028137	Listrup	326896	2001	Lee	Lincoln	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580599363	276000580599363	Liszt	917080	2005	Lightning	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001265168339	276001265168339	Litani	811098	2005	Laudan	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000115533622	276000115533622	Litera	597726	2006	Lichtblick	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLGBRM000000642130	826382702503906	Lithium RF	636624	2008	Mr.Burns	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000114773055	276000114773055	Litotes	566667	2005	Laudan	Elmo	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000111754230	276000111754230	Litri	594500	1998	Laredo Red	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580675060	276000580675060	Little Joe	917093	2006	Lichtblick	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001403240489	276001403240489	Littorio	832194	2008	Lichtblick	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000115253432	276000115253432	Littum	597745	2005	Ludox	Faber	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358203078	276000358203078	Livaro	833155	2015	Livermore	Antares	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM001402846500	276001402846500	Live-Red	831997	2006	Lichtblick	Adam Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501189019	276001501189019	Liveo	811384	2010	Legend	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOL840M003010356052	840003010356052	Livermore	507515	2013	LiquidGold	Domain	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000346707369	276000346707369	Liverpool	463403	2002	Lee	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM361161102925	826361161102925	Liverpool	619085	2013	Latimer	Atwood	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
02	HOLNLDM000444176567	528000444176567	Livigno	917130	2006	Lichtblick	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347721793	276000347721793	Living	821346	2002	Laibert	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000356811281	276000356811281	Livius	263150	2013	Lithium	Robust	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351685887	276000351685887	Livorno	331502	2008	Laurin	Leif	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000062781813	840000062781813	Livy Red	917105	2006	Lichtblick	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000535701741	276000535701741	Lixpo P	927048	2009	Lypoll P	Laurel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769383948	276000769383948	Lizenz	679010	2011	Logan	Gibor	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000356229906	276000356229906	Lizz	766930	2013	Lexor	Wizzard	H1N	H2N	H3N	H4N	H5N	CDC	RBW	CD Gentest
01	HOLDEUM000342461180	276000342461180	Lobach	457224	1998	Lee	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000256107	208002371402506	Lobach	570442	2013	Lexor	Time	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000121688391	276000121688391	Lobby	833103	2015	Lobach	Sudan	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579647184	276000579647184	Lobby	671668	2003	Loudhoeve	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579643723	276000579643723	Lobello	633057	2002	Lounge	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351369976	276000351369976	Lobertus	469731	2007	Lou	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000173740907	528000173740907	Lobito	667686	1997	Lord Lily	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500151706	276001500151706	Lobos	811230	2008	Lou	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001601553118	276001601553118	Lobson	840648	2003	Lounge	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000536644958	276000536644958	Locano	261540	2010	Logan	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLFRAM004240649416	250004240649416	Locarno	831286	2002	Lorak	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000298473000	442000298473000	Locarno	840722	2004	Lucente	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000346708700	276000346708700	Locaso	810965	2003	Lheros	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000660719493	276000660719493	Location	457989	1998	Lee	Norid ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000396113050	528000396113050	Loccum	673456	2005	Locket	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666212227	276000666212227	Lockerley	619083	2013	Lexor	Domain	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000488136334	528000488136334	Loco	832157	2007	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000353538182	276000353538182	Lodeiro	473711	2010	Lightning	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579643671	276000579643671	Lodge	671059	2002	Louie	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000120333313	276000120333313	Lodian	588041	2011	Laron P	Stormatic	H1N	H2N	H3N	H4N	H5P	CDN	RSH	CD Gentest
01	HOLDEUM000350938217	276000350938217	Lodian	145591	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000351144092	276000351144092	Loel	811188	2007	Lou	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348111982	276000348111982	Loewenherz	464687	2004	Lancelot	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537142531	276000537142531	Loft	679581	2011	Logan	Artic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000769463263	276000769463263	Log-In	678315	2010	Logan	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001265188993	276001265188993	Logan	811203	2007	Lou	Allen	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000134232487	840000134232487	Logan	840657	2003	Outside	Aeroline	H1N	H2P	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348672168	276000348672168	Logger	144447	2004	Leif	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000769463276	276000769463276	Loggia	678526	2011	Logan	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000664134507	276000664134507	Logic Man	619002	2010	Logan	Pagewire	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
02	HOLDEUM000538441352	276000538441352	Logic P	298279	2014	Long P	Larson	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	CD Gentest
01	HOLUSAM000137199039	840000137199039	Logical ET	505914	2005	Shottle	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000536851880	276000536851880	Logico	679001	2011	Logan	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000107655967	124000107655967	Login	507143	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000767826423	276000767826423	Logist	810842	2001	Lukus	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000579616382	276000579616382	Logistic	821359	2002	Laibert	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000769835047	276000769835047	Logistik	680122	2012	Log-In	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001021460737	276001021460737	Logistik	399733	1995	Luke	Supreme	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000139831533	840000139831533	Logo PP	917282	2009	Lypoll P	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM00009608039	12400009608039	Logul	507290	2012	Mogul	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537242513	276000537242513	Logwin	766394	2011	Logan	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	RBW	CD Gentest
01	HOLFRAM002930982821	250002930982821	Loire	145554	2007	Lou	Morty	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000814821551	276000814821551	Lojard	766010	2011	Lonar	Jardin	H1N	H2N	H3P	H4N	H5N	CDN	RBW	CD Gentest
01	HOLDEUM000579450897	276000579450897	Lojato	671496	2003	Lobito	James	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500151497	276001500151497	Lokator	470618	2008	Lou	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000661135936	276000661135936	Lolito	457987	1998	Laredo Red	Oregon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354271877	276000354271877	Lomac	333492	2010	Lonar	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534635577	276000534635577	Lomani	470724	2007	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354271876	276000354271876	Lomano	811394	2010	Lonar	Mac	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347007292	276000347007292	Lombardi	821265	2001	Ladin	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000358149884	276000358149884	Lombardi	833106	2015	Lobach	Cameron	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
02	HOLDEUM000116650393	276000116650393	Lombok	599486	2009	Landslide	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLLUXM000298110454	442000298110454	Lombok RF	904590	1999	Lee	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000358040385	528000358040385	Lombric	832187	2007	Lou	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349851085	276000349851085	Lomex	329444	2005	Lancelot	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359514765	276000359514765	Lomingo	833231	2016	Lombardi	Boss	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLLUXM000399563365	442000399563365	Lomo	684684	2017	Lighter	Supershot	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000349789696	276000349789696	Lonar	811067	2005	Laudan	Design	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000359514746	276000359514746	London	833223	2016	Lombardi	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001302894359	276001302894359	London	804081	2006	Laudan	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535410083	276000535410083	Londox P	599448	2008	Lawn Boy	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578480129	276000578480129	Londy	668987	1999	Lord Lily	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351006639	276000351006639	Lonell	822248	2007	Lou	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354262510	276000354262510	Lonell	149959	2011	Lonar	Jardin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000666508086	276000666508086	Long Boy P	619106	2014	Long P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000770601939	276000770601939	Longdrink	685580	2017	Lopez	Missouri	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDEUM00035598971	27600035598971	Longo	151530	2012	Longtime	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	VOST	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLFRAM002941264548	250002941264548	Longo	831318	2002	Lorak	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000398508335	442000398508335	Longus	566665	2005	Lucente	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537281595	276000537281595	Longway	679455	2012	Logan	Bolton	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000579176407	276000579176407	Lonlobo	821226	2000	Lentini RF	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM001260001217	380001260001217	Lonzo	830937	1999	Lantz	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344688501	276000344688501	Looping	830873	1999	Lord Lily	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537177254	276000537177254	Looping	679201	2011	Logan	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000345729134	276000345729134	Lopatino	460215	2000	Lentini RF	Pik ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357795092	276000357795092	Lopedo	823162	2015	Lexington	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLCANM000107648787	124000107648787	Lopez	811449	2012	Epic	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000662652102	276000662652102	Lopez	634575	2005	Laudan	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000357211599	276000357211599	Lopic P	767419	2014	Long P	Epic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000355893062	276000355893062	Lopin P	477506	2013	Lithium	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579460195	276000579460195	Loquart	328217	2003	Lobito	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347303240	276000347303240	Loral	831328	2002	Lorak	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666005488	276000666005488	Loran	811427	2011	Lonar	Roumare	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001300305320	276001300305320	Loran	801092	1998	Lord Lily	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578554230	276000578554230	Lorano ALL	669112	1999	Orlo	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLAUTM000476565619	040000476565619	Lorax		2011	Lonar	Outside	H1N	H2P	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLNLDM000234542565	528000234542565	Lorbas	668400	1998	Lord Lily	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342142073	276000342142073	Lorbeer	456517	1997	Lord Lily	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252063	208004433403319	Lorcan	832229	2008	Lou	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015189146	276001015189146	Lord	250170	1991	Leadman	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000666062410	276000666062410	Lord Harry	619057	2012	Larson	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000268470043	528000268470043	Lord Igale	631681	1999	Igale Masc	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000258350	208003372306880	Lord PP	499048	2015	Ladd Man-P	Earnhardt	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
02	HOLDEUM000356130676	276000356130676	Lord Red P	477851	2013	Ladd P	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLITAM097990013374	380097990013374	Lordan	996667	2006	Lichtblick	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579577820	276000579577820	Lordanos	671365	2003	Loudhoeve	Romus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348825855	276000348825855	Lordas	465655	2005	Laudan	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001021043427	276001021043427	Lordenau	393043	1991	Leadman	Chairman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000203822380	528000203822380	Lordman	821035	1997	Lord Lily	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116593008	276000116593008	Lordsen	636314	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000579888207	276000579888207	Lordship	671546	2003	Loudhoeve	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000203089093	528000203089093	Lordy	138844	1997	Lord Lily	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000111746268	276000111746268	Loreal	925755	1998	Laredo Red	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346452020	276000346452020	Loreno	461612	2001	Lake	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356127043	276000356127043	Loretto	335355	2013	Lexor	Gofast	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM001401805939	276001401805939	Loretto	831254	2001	Lunax	Monza	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346426593	276000346426593	Lorex	462305	2002	Lemir	Lupo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021071919	276001021071919	Loriot	394447	1991	Leadman	Very	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002916753160	250002916753160	Loriot	831295	2001	Lorak	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000120938375	276000120938375	Lorman	588028	2013	Ladd P	Ralstorm	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000342514484	276000342514484	Lormann	801012	1997	Lord Lily	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349909493	276000349909493	Lormann	329693	2005	Laudan	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000138312158	840000138312158	Loro-Red	917128	2007	Classic PS	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000428713665	528000428713665	Loronal	634616	2005	Locket	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000347964328	276000347964328	Lorros	327876	2002	Louie	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354181291	276000354181291	Lorus	149946	2010	Logan	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000891610809	528000891610809	Lorwin	679002	2011	Lonar	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLCANM000104494445	124000104494445	Losano	331113	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000342376096	528000342376096	Losino	671493	2003	Lounge	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000324322280	528000324322280	Lossek	821263	2001	Largo	Lava	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000417617750	528000417617750	Lostar	673229	2005	Locket	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000354913687	276000354913687	Lostau P	927401	2012	Laron P	Spencer 2	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000120759550	276000120759550	Lot	796000	2012	Logan	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000354628052	276000354628052	Lotario	811420	2011	Lonar	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000719915343	528000719915343	Lothar	149976	2011	Lonar	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000694704828	528000694704828	Lotion	473342	2009	Laurin	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001402559315	276001402559315	Lotse	831749	2004	Lou	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000122048863	276000122048863	Lottery	571916	2015	Livermore	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000344734767	276000344734767	Lotus	140802	1999	Lukas	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349086405	276000349086405	Lotus	802590	2003	Lheros	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLGBRM000000642863	826382702103923	Lotus	636623	2008	Mr.Burns	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000357134499	276000357134499	Lotus P	263545	2014	Long P	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
02	HOLUSAM000141240868	840000141240868	Lou P	298129	2011	Magna P RF	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000663196037	276000663196037	Louando	840909	2007	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000449373543	528000449373543	Loucado	832100	2007	Lou	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000141080516	528000141080516	Loudhoeve	504627	1995	Jabot	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000533682182	276000533682182	Loudino	671162	2002	Loudhoeve	Emory	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000662961561	276000662961561	Lougreto	840875	2007	Lou	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000661693059	276000661693059	Louidor	632598	2001	Louis	Lee	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000486305482	528000486305482	Louidor	567478	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000357698953	276000357698953	Louis	264015	2015	Lobach	Xacobeo	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000578209366	276000578209366	Louis	801091	1998	Luxemburg	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813804744	276000813804744	Louis	148040	2007	Lou	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM004240698962	250004240698962	Louis	831437	2002	Lounge	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000549684800	528000549684800	Louis PP	619120	2014	Label P	Epic	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000351069173	276000351069173	Louisdor	675256	2007	Lou	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000121814177	276000121814177	Lounge P	571890	2014	Long P	Hunter	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000351923405	276000351923405	Louny	822294	2008	Lou	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000486305475	528000486305475	Loupin	822264	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534911173	276000534911173	Louriver	822276	2007	Lou	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM002921633093	250002921633093	Loutger	840903	2007	Lou	Good	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000343997338	276000343997338	Louvre	801688	1999	Lukas	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001012337084	276001012337084	Louvre s	135549	1995	Luke	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM019990477237	380019990477237	Loux	832234	2008	Lou	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113658772	276000113658772	Lovely	565112	2001	Lentini RF	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349404626	276000349404626	Lover	831592	2003	Leopard	Demand	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501186304	276001501186304	Loweno	811418	2011	Lonar	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLCANM000006832048	124000006832048	Lowry	456335	1996	Starleader	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535290281	276000535290281	Loxley	260050	2008	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000578496467	276000578496467	Loy	325813	1999	Lee	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769473651	276000769473651	Loyal	678533	2011	Lonar	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000113640074	276000113640074	Loyoto	565754	2003	Lheros	Tonic	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000251681	208004433403167	Lozano	832182	2007	Lou	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579935495	276000579935495	Lozon	672453	2004	Lobito	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000102630505	124000102630505	Luango	917052	2005	Luigi RF	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115090694	276000115090694	Luber	922751	2005	Ludox	Faber	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000578240507	276000578240507	Luberis	668688	1998	Lukas	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000813473907	276000813473907	Lubess	634892	2006	Lucky Mike	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349864347	276000349864347	Lubet	144430	2005	Lucky Mike	Zack	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000580539421	276000580539421	Lubis	917029	2005	Ludox	Lentini RF	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343146622	276000343146622	Lubitz	325618	1998	Lukas	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351036886	276000351036886	Lubomir	331255	2007	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001300601829	276001300601829	Lubond	763200	2004	Lucente	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001264154395	276001264154395	Luca	811021	2004	Lucente	Maloy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000490631221	528000490631221	Luca	145543	2007	Lou	Durham	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLUSAM000061087235	840000061087235	Lucador	917058	2005	Ludox	Cadon	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM004747128625	250004747128625	Lucari	840729	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000367894102	528000367894102	Lucarno	633707	2003	Lucente	Labelle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001013434702	276001013434702	Lucas	840200	1994	Luke	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000350976021	276000350976021	Lucatoni	926819	2006	Laurel	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351162952	276000351162952	Lucca	259025	2006	Lucky Star	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000579108198	276000579108198	Lucca	915290	2001	Lucko	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580146125	276000580146125	Lucco	840723	2004	Lucente	Basar	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402083224	276001402083224	Lucent	143332	2003	Lucente	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001601774612	276001601774612	Lucento	633758	2004	Lucente	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLCANM000009611484	124000009611484	Lucerne	917219	2008	Elayo	Intensif	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579326185	276000579326185	Lucero	670275	2001	Lukus	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402463712	276001402463712	Luchser	831627	2004	Lucente	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349738262	276000349738262	Lucian	258410	2005	Lucky Mike	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000578931488	276000578931488	Lucid	915765	2001	Lucko	Sparta	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000370954712	528000370954712	Lucido	633779	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM000344713159	276000344713159	Lucien	801696	1999	Lukas	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000578694508	276000578694508	Lucien	830941	2000	Lucky Red	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401263093	276001401263093	Lucifer	830862	1999	Lucky Leo	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000366966378	528000366966378	Lucifer	633773	2004	Lucente	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001602819000	276001602819000	Lucingo	619093	2013	LetItSnow	Gerard	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000348124775	276000348124775	Lucino	811002	2003	Lucente	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000368104158	528000368104158	Lucinto	831622	2004	Lucente	Decision	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347903650	276000347903650	Lucio	257151	2003	Leopard	Cash	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM00000248626	208003424201753	Lucio	633812	2004	Lucente	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343369270	276000343369270	Lucius	810674	1998	Lukas	Southwind	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLUSAM000138312194	840000138312194	Luck Red	297978	2007	Classic PS	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000576434117	276000576434117	Lucko	666170	1994	Luke	Enhancer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001002435371	276001002435371	Lucky	132246	1991	Leadman	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000234568150	528000234568150	Lucky	631344	1998	Lucky Leo	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000344903514	276000344903514	Lucky Boy	810773	1999	Lucky Leo	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000537792654	276000537792654	Lucky Boy	619080	2012	Lexor	Goldday	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000348453911	276000348453911	Lucky Luke	465449	2004	Lancelot	Contax	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000002228267	840000002228267	Lucky Red	297248	1993	Logic Red	Centra	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344790347	276000344790347	Lucky Star	810727	1999	Lukas	Belmont	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578449851	276000578449851	Lucky-BoRF	669293	1999	Lucky Red	Bookie	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000008852006	124000008852006	Luckygood	671596	2003	Good	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000421385412	528000421385412	Luckyson	764108	2005	Lucky Mike	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349652665	276000349652665	Luclant	840738	2004	Lucente	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601859969	276001601859969	Lucom	840769	2005	Lucente	Formation	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000362321364	528000362321364	Lucon	840695	2003	Lucente	Addison	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000350614853	276000350614853	Lucre	917085	2006	Ludox	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000580135596	276000580135596	Lucretius	811062	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350104825	276000350104825	Lucullus	465769	2005	Lucky Mike	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813083794	276000813083794	Lucullus	811056	2004	Laudan	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLUSAM000134417721	840000134417721	Ludacris	297760	2003	Jordan-Red	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000393035162	528000393035162	Ludger	831697	2004	Lucky Mike	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000421237670	528000421237670	Ludini	922697	2005	Ludox	Lentini RF	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000368104071	528000368104071	Ludison	763175	2003	Lucente	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000342407169	276000342407169	Ludo	457774	1998	Lee	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000540130055	276000540130055	Ludo PP	917621	2018	Lucky-PP	Blueprint	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000662613170	276000662613170	Ludolski	634504	2005	Laudan	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000579429224	276000579429224	Ludomir	670623	2001	Lucko	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344268876	276000344268876	Ludor	810756	1999	Lukas	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000113623054	276000113623054	Ludovico	565522	2002	Lartist	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000578720303	276000578720303	Ludox	915040	1999	Lucky Red	Patron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666309542	276000666309542	Ludwig	499019	2013	Bookem	Oswald-P	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLNLDM000427633533	528000427633533	Luebeck	673791	2005	Lucky Mike	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000533768261	276000533768261	Luego	671163	2002	Lukas	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579810484	276000579810484	Lufas RF	463869	2003	Lukas	Roels	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343935750	276000343935750	Lufix	459203	2000	Lukas	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021505243	276001021505243	Luft	397569	1994	Luke	Pontiac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346872188	276000346872188	Lugano	328902	2004	Lucente	Dante	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001603937477	276001603937477	Lugano PP	619187	2017	Lucky-PP	Milford-P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000348087444	276000348087444	Lugant	463781	2003	Lukas	Balance	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579275464	276000579275464	Lugarus	915807	2001	Lucko	Kom Leader	H1F	H2N	H3F	H4F	H5N	CDN	RUW	
01	HOLDEUM000343643333	276000343643333	Lugenstein	457971	1998	Lukas	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021057514	276001021057514	Luger ET	392853	1991	Leadman	Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578492764	276000578492764	Lugin	669204	1999	Lukas	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000434048737	528000434048737	Lugino	917071	2005	Ludox	Stadel	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349467139	276000349467139	Lugo	144402	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000387570176	528000387570176	Lugolo	763456	2004	Lucente	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000113996039	276000113996039	Lugonga	565901	2003	Lheros	Terry	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000360425760	276000360425760	Lui Red PP	833309	2017	Lucky-PP	Apoll P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLCANM000011098688	124000011098688	Luigi	822445	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000331107966	528000331107966	Luis	632527	2001	Hershel	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343403502	276000343403502	Luisiana	801657	1998	Lukas	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000114446024	276000114446024	Luizu	597145	2003	Luigi RF	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001302894203	276001302894203	Luka	804043	2006	Laudan	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001600739163	276001600739163	Luka	840424	1998	Lukas	Nick	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600910492	276001600910492	Lukabano	840469	1999	Lukas	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600641168	276001600641168	Lukard ET	840408	1998	Lukas	Merrill	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001273074672	276001273074672	Lukarow	801653	1998	Lukas	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000661084801	276000661084801	Lukas	820267	1994	Luke	Blackstar	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001012104370	276001012104370	Lukas	133479	1992	Leadman	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344840675	276000344840675	Lukasa	801728	1999	Lukas	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001502294913	276001502294913	Lukassek	822314	2008	Laurin	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000138932642	840000138932642	Luke II	506061	2007	Velvet	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578787762	276000578787762	Lukeda	915229	1999	Lucky Red	Jubilant	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768694492	276000768694492	Lukian	811075	2005	Laudan	Lambada	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001015270082	276001015270082	Lukian	840205	1994	Luke	Nick	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000383571098	528000383571098	Lukim	831781	2005	Lucente	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLFRAM004464404086	250004464404086	Lukin	668783	1998	Lukas	Oscar ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001082181246	276001082181246	Lukistan	668901	1998	Lukas	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM003598069526	250003598069526	Lukiton	668776	1998	Lukas	Besne Buck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578149656	276000578149656	Lukman ET	840422	1998	Lukas	Stollberg	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000342919904	276000342919904	Luktor	830741	1998	Lukas	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400782838	276001400782838	Luktor ET	840392	1998	Lukas	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000061866213	840000061866213	Lukullus	822085	2004	Lancelot	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350315161	276000350315161	Lulani	468038	2006	Lucky Mike	Rosmino	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116122992	276000116122992	Lumabel	568544	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000578652463	276000578652463	Lumaro	915138	1999	Lucky Red	Factor RF	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349983776	276000349983776	Lumato	917026	2005	Ludox	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000449373529	528000449373529	Lumatus	470010	2007	Lou	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580108538	276000580108538	Lumax	996538	2005	Ludox	Maxximo	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349339565	276000349339565	Lumen RF	328695	2004	Lightning	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661619466	276000661619466	Luminall	632408	2001	Lee	Design	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000388775253	528000388775253	Lumini	831747	2004	Lucky Mike	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000393035193	528000393035193	Lumir	672731	2004	Lucky Mike	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114706448	276000114706448	Lumpkin	566614	2004	Lancelot	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000343157624	276000343157624	Lumumba	925812	1999	Laredo Red	Bingle	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000667171024	276000667171024	Lumumba PP	924755	2017	Lucky-PP	Zumba	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000505878384	276000505878384	Luna	820052	1991	Levi	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533751582	276000533751582	Luna	794190	2002	Lukas	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001015288778	276001015288778	Luna-MV	800905	1995	Luke	Sir Valor	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000385328807	528000385328807	Lunald	634025	2004	Lucky Mike	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001015270057	276001015270057	Lunax	830265	1994	Luke	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021162742	276001021162742	Luner	394631	1992	Leadman	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580599361	276000580599361	Luni	996539	2005	Luigi RF	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM002941260686	250002941260686	Lunifer	471250	2007	Lou	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015282242	276001015282242	Lunik	800313	1995	Luke	Spruce	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402083229	276001402083229	Lunik	831598	2003	Lucente	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCHEM120078157795	756120078157795	Luno	298041	2009	Ralstorm	September	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000116621054	276000116621054	Lunz P	599600	2009	Lypoll P	Kasimir	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000816978497	276000816978497	Lupat P	997302	2017	Lucky-PP	Pat-Red	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM002200473614	276002200473614	Lupe	800940	1995	Luke	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001400782836	276001400782836	Lupesco	830722	1998	Lukas	Enjoy Rota	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401140257	276001401140257	Lupitz	830845	1999	Lucky Leo	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344610293	276000344610293	Lupius	668747	1998	Lukas	Booster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343352855	276000343352855	Lupo	325380	1998	Lukas	Potential	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000349949261	276000349949261	Lupoldi	466306	2005	Ludox	Lentini RF	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114979293	276000114979293	Lupro	917030	2005	Ludox	Jaromir	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578652456	276000578652456	Lupus	915045	1999	Lucky Red	Orkan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001011217488	276001011217488	Lupus	800295	1994	Luke	Belmont	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351415478	276000351415478	Lurandos	330768	2007	Lou	Ramos	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578425394	276000578425394	Lurasko	915158	1999	Lucky Red	Kom Leader	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579318750	276000579318750	Luremo	670485	2001	Lukus	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000474778355	528000474778355	Lurham	804105	2007	Lou	Durham	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000367247870	528000367247870	Lurifax	840708	2003	Lucente	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000373531068	528000373531068	Luron	672492	2004	Lucente	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000115965893	276000115965893	Lusato	470976	2008	Laurin	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062744479	840000062744479	Lusion	506052	2007	Encino	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLFRAM003598002931	250003598002931	Lustar	631151	1998	Lukas	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343402382	276000343402382	Lustig	801651	1998	Lukas	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346371643	276000346371643	Lusto	462312	2002	Ladin	Jolli	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000646796	826382702704426	Lustre	832485	2009	Sanchez	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346612678	276000346612678	Lustro	328048	2003	Lheros	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM000000595283	372000100595283	Lustrum	563435	1998	Lukas	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000350689727	276000350689727	Lutal	926717	2006	Lichtblick	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000260044770	528000260044770	Lutal	761381	1999	Lukas	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLLUXM000398453868	442000398453868	Lutetium	672521	2004	Lucente	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580169430	276000580169430	Lutin	917091	2006	Ludox	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000111890924	276000111890924	Lutter	801663	1998	Lukas	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLLUXM000499126053	442000499126053	Lutter P	151501	2011	Laron P	Stabilo	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000260044770	528000482512785	Luttmer	471878	2008	Laurin	Garrison 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114316276	276000114316276	Lutwin	566612	2004	Lancelot	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001011180364	276001011180364	Lutz	282991	1995	Luke	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535689667	276000535689667	Luven	917289	2008	Ludox	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345039725	276000345039725	Luwalin	669387	1999	Lukas	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000540116227	276000540116227	Lux Red PP	833297	2017	Lucky-PP	Apoll P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000352705217	528000352705217	Luxo	831591	2003	Lucente	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349624073	276000349624073	Luxor	257480	2004	Lucente	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351006642	276000351006642	Luxor	635526	2007	Lou	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000248406	208005609301605	Luxus	802659	2004	Lucente	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114006700	276000114006700	Luz	672460	2004	Lucente	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000346840319	276000346840319	Luzian	464395	2004	Lucente	Egrant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002216979006	250002216979006	Lycos	329145	2004	Lancelot	Lorak	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135492293	840000135492293	Lyndon	505827	2004	Freelanze	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578947269	276000578947269	Lyon	810818	2000	Lantz	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM002141062316	250002141062316	Lyon	802644	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM002941264891	250002941264891	Lyon	143328	2003	Lucente	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000136934170	840000136934170	Lyons	822148	2005	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000132963655	840000132963655	Lypoll P	916401	2002	Lyon-Red	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000814215850	276000814215850	Lyrrik P	917285	2008	Lypoll P	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579406695	276000579406695	Lysander	810902	2002	Lartist	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000469476932	528000469476932	Lyschko	832197	2007	Lou	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349949212	276000349949212	Lysello	465668	2005	Lyster	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579332595	276000579332595	Lysias	670351	2001	Lynch	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350924300	276000350924300	Lysin	330975	2007	Lou	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112640209	276000112640209	Lützwow	595342	2000	Lombard	Marty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000533536974	276000533536974	MJames	747867	2001	Mtoto	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000424462655	528000424462655	Maarten	634506	2005	Manager ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000666623677	276000666623677	Maarten P	639853	2015	Missouri	Laron P	H1P	H2N	H3F	H4F	H5P	CDF	Goepel	CD Gentest
01	HOLDEUM000111985798	276000111985798	Maat	810697	1998	Mattie G	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001400828910	276001400828910	Maat	830700	1998	Mattie G	Greoux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356171545	276000356171545	Mabant	571864	2013	Mixer	Gerard	H1N	H2N	H3N	H4N	H5P	CDF	RSH	CD Gentest
01	HOLFRAM002916753092	250002916753092	Mabant	840476	1999	Italie Mas	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401468149	276001401468149	Mabello	831253	2001	Manat	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001273400019	276001273400019	Mabellus	470933	2008	Mascol ET	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000349346508	528000349346508	Mabes	762240	2003	Magna	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000351144015	276000351144015	Mabeto	832116	2006	Marion	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111876188	276000111876188	Mabir	563045	1998	Manfred-ET	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
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 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000660852557	276000660852557	Mabit	631546	1999	Marty	Belt	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001402559471	276001402559471	Mabony	831734	2005	BomazManat	Alves	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000768768346	276000768768346	Mabur	804021	2005	Manager ET	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000661632545	276000661632545	Mabuse	810858	2001	Manat	Gigh	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000663524008	276000663524008	Mabuse	841016	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	Qnetics	CD Gentest
01	HOLDEUM000579172697	276000579172697	Mac	670129	2001	PM Magic	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000498620962	528000498620962	Mac Cloud	676655	2008	Mac	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM00053835541	84000053835541	Mac Creedo	506242	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000360215620	276000360215620	Mac PP RDC	833276	2017	Mission P	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000497920722	528000497920722	Mac-Duro	840951	2008	Mac	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000767986555	276000767986555	MacLoyd	670413	2001	Marshal ET	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000121037481	276000121037481	Macado	571869	2013	McCutchen	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000525965969	528000525965969	Macado	832325	2008	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352239226	276000352239226	Macaire	832220	2008	Mac	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500150778	276001500150778	Macalan	832058	2007	Magical	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000522990045	528000522990045	Macandel	472384	2008	Mac	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538910940	276000538910940	Macao	499050	2015	Missouri	Earnhardt	H1F	H2N	H3F	H4F	H5P	CDF	Goepel	CD Gentest
01	HOLNLDM000190915180	528000190915180	Macao	820407	1996	Mandel	Melwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354097949	276000354097949	Macareno	832544	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768951298	276000768951298	Macarius	832219	2008	Mac	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000121026160	276000121026160	Macbeth	804346	2013	Model	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000663196058	276000663196058	Macces	636093	2008	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001403115459	276001403115459	Macciato	832009	2006	Magical	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345878330	276000345878330	Maccoro	461092	2001	Marshal ET	Hardtac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000492674057	528000492674057	Macdur	765004	2008	Mac	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000473562199	528000473562199	Mace	674933	2006	Mascol ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000840667429	528000840667429	Macello	472316	2009	Mac	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061417056	84000061417056	Machacho	505555	2003	Machoman	Decision	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000662576903	276000662576903	Machamp	763973	2005	Manager ET	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349339559	276000349339559	Macharis	328691	2003	Magna	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343654426	276000343654426	Machat	810672	1998	Metro	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000696488575	528000696488575	Machion	148577	2009	Mac	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001400546538	276001400546538	Macht	830572	1997	Mason	Raider	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114395332	276000114395332	Machtrix	565929	2003	Morty	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348959692	276000348959692	Macintosh	466308	2005	Manager ET	Efendo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402294257	276001402294257	Mackenna	831581	2003	Machoman	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356039233	276000356039233	Mackenzie	804325	2012	Masterplan	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000664203007	276000664203007	Mackenzie	924702	2010	Mackinaw	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDP	Qnetics	CD 94% Traegerwahrscheinlichkeit
01	HOLUSAM000137894514	840000137894514	Mackenzie	674500	2006	Marsh	Durham	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000435773102	528000435773102	Macky	763972	2005	Magical	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000696430747	528000696430747	Macleo	811359	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000537065512	528000537065512	Maclou	832543	2010	Man-O-Man	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000373807185	528000373807185	Maco	831506	2003	Machoman	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353589503	276000353589503	Macon	260950	2009	Mac	Dundee	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000525336141	528000525336141	Macon	811338	2009	Mac	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM001302490894	276001302490894	Macop	597706	2005	Marmax RF	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000528365388	528000528365388	Macore	473021	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000528365528	528000528365528	Macorin	473286	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000256428	208005415902689	Macperl	823087	2013	McCutchen	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLFRAM002921959428	250002921959428	Macron	619157	2016	Althotrod	Doorman	H1P	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000814782201	276000814782201	Macwin	766009	2011	Mac	Goldwin	H1P	H2N	H3N	H4N	H5N	CDF	RBW	CD Gestest
01	HOLNLDM000217851165	528000217851165	Mad	821082	1998	Manfred-ET	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000354587069	276000354587069	Mad Max	822470	2011	Destry	Talent2	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gestest
01	HOLDEUM000360266580	276000360266580	Madalin P	811600	2017	Mission P	Icône	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gestest
01	HOLDEUM000354114579	276000354114579	Madalko	473894	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062454203	840000062454203	Madcap	674151	2006	Marion	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000448958712	528000448958712	Maddi	764155	2006	Mascal ET	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000355936943	276000355936943	Maddox	476864	2012	Maxim	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gestest
01	HOLDEUM000111754222	276000111754222	Made	563097	1998	Metro	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000535256622	276000535256622	Madeira	917194	2008	Malvoy	September	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gestest
02	HOLDEUM000769279311	276000769279311	Madeka	599463	2009	Moonlight	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000394789828	528000394789828	Madello	831728	2004	O-Man	Adam II	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000342919894	276000342919894	Madera	801100	1998	Mattie G	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000368328703	528000368328703	Madero	831486	2003	Magna	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000392359799	528000392359799	Madeus	831756	2004	O-Man	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356321224	276000356321224	Madiba	151574	2013	Meridian	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gestest
01	HOLDEUM000357545364	276000357545364	Madison	263610	2014	Mahuva	Maxim	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gestest
01	HOLDEUM001401659079	276001401659079	Madist	831183	2001	Manat	Escudo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000008547107	124000008547107	Madjar	670760	2002	Manat	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001403548075	276001403548075	Madkour	832321	2008	O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000335803462	528000335803462	Madley	564946	2001	Manat	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000062916236	840000062916236	Madlock	822209	2006	Marion	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001502291346	276001502291346	Madlung	822304	2008	Marbach	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535256645	276000535256645	Madorty	599461	2009	Malvoy	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350044694	276000350044694	Madox	258330	2005	Magical	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353767856	276000353767856	Madras	261323	2010	Man-O-Man	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLUSAM000136426385	840000136426385	Madras	917009	2005	Marmax RF	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347795472	276000347795472	Madrid	256949	2002	Magna	Storm	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM00000250556	208006628001183	Madrigal	145519	2006	Magical	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346840787	276000346840787	Madros	464613	2003	Morty	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578906229	276000578906229	Madura	669684	2000	Manfred-ET	Dannix	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579174057	276000579174057	Madurai	670125	2001	PM Magic	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350082584	276000350082584	Maestro	258898	2006	Mr.Sam	Jurmel ET	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
02	HOLBELM000157465563	056000157465563	MaestroRed	917576	2013	Snow RF	Red Rock	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM001402311767	276001402311767	Maffay	831545	2003	Magna	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402537011	276001402537011	Mafio	831703	2004	Maki	Monza	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115586048	276000115586048	Mafiosi	567435	2006	Modest	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM019500041701	380019500041701	Mafiosi	326106	1999	Mtoto	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351318863	276000351318863	Mafredo	469536	2007	Marbach	Lantano	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579819946	276000579819946	Magado	840656	2003	Magna	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000661994694	276000661994694	Magall	840663	2003	Magna	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000346311387	276000346311387	Magambo	840607	2002	Magnum	Tornado	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000116205535	276000116205535	Magantic	568522	2007	Mr.Burns	Titanic	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000397033216	528000397033216	Magath	804026	2005	Magical	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114414708	276000114414708	Magazin	565912	2003	Morty	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114733685	276000114733685	Magelix	565944	2004	Magna	Decision	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579153643	276000579153643	Magellan	671317	2002	Magna	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534066415	276000534066415	Magenta	672133	2003	Magna	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580013453	276000580013453	Magero	763114	2003	Magna	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662652189	276000662652189	Magford	634896	2006	Magical	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM00000250294	208003372303079	Maghall	764394	2006	Magical	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001021220371	276001021220371	Magic	395039	1992	Mascot	Laban	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000535225408	276000535225408	Magic Eye	675903	2007	Mascol ET	Britt ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000106318157	124000106318157	Magicboy	506510	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000578982870	276000578982870	Magicboy	670076	2000	PM Magic	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLGBRM000000653297	826104057402506	Magicman	475513	2011	Super	Goldwin	H1P	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000536522893	276000536522893	Magicon	811361	2010	Mergim	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000769619256	276000769619256	Magie RF	679144	2011	Magna P RF	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000534600111	276000534600111	Magier	674411	2006	Magical	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001502895997	276001502895997	Magiker	822185	2006	Magical	Boss Iron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001400912437	276001400912437	Magil	830745	1998	Magley	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000370975302	528000370975302	Magirus	633561	2003	Magna	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM004978406155	250004978406155	Magister	144485	2005	Magical	Champion	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000114348036	276000114348036	Magistrat	565919	2003	Magna	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001404441946	276001404441946	Magix	832838	2012	Mayfield	Niagra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578416667	276000578416667	Maglin	668867	1998	Mattie G	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLSWEM008101874236	752008101874236	Magliin	831648	2004	Magna	Demand	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000330874038	528000330874038	Maglord	761820	2001	PM Magic	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000356126944	276000356126944	Magma	334962	2012	Mogul	Gerard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000007823945	124000007823945	Magna P RF	506286	2008	Bolton	September	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000347481954	276000347481954	Magnat	256313	2002	Manat	Igale Masc	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000539620838	276000539620838	Magnat PP	685560	2017	Mission P	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000345053250	276000345053250	Magnet	140028	1999	Mattie G	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000358040152	528000358040152	Magneta	567424	2006	Mr.Sam	Finley	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403168548	276001403168548	Magnifico	832147	2007	Magical	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM141727240618	372141727240618	Magnol	328212	2003	Magna	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601580985	276001601580985	Magnoli	840641	2003	Magna	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001502468339	276001502468339	Magnon	821398	2002	Magna	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000247418	208003594101380	Magnor	840659	2003	Magna	Webster	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000354215665	276000354215665	Magnum	795580	2010	Man-O-Man	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM001015216836	276001015216836	Magnum	250787	1992	Mascot	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000136297387	840000136297387	Magnum 2	505751	2004	Best	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348016969	276000348016969	Magnus	464356	2003	Magna	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLFRAM002930982449	250002930982449	Magnuson	831578	2003	Magna	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254212	208003200302442	Magold	811366	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000071588583	840000071588583	Magoo	507273	2013	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLITAM019990450860	380019990450860	Magorian	832144	2007	Mascol ET	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578503481	276000578503481	Magreb	914634	1999	Massaro RF	Alpen	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000692467044	528000692467044	Magreno	832463	2009	Mac	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812027729	276000812027729	Magstar	762042	2001	PM Magic	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000359468300	528000359468300	Magtan	762864	2003	Magna	Tanker	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579888248	276000579888248	Maguai	671742	2003	Magna	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114113941	276000114113941	Magur	831473	2003	Magna	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400915223	276001400915223	Mahagoni	830820	1998	Manuel	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403445878	276001403445878	Mahana	832415	2009	Mac	Outside	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLFINM000000095197	246000009978747	Mahani	832431	2009	Mac	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403597068	276001403597068	Mahano	832388	2008	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000234932331	528000234932331	Mahindo	668742	1999	Manfred-ET	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351019302	276000351019302	Mahler	148048	2007	Marbach	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000578492768	276000578492768	Mahon	810747	1999	Mtoto	Stollberg	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579176473	276000579176473	Mahony	670845	2002	Marshal ET	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356430467	276000356430467	Maibach	571861	2013	Meridian	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000768137078	276000768137078	Maiball	670849	2002	Starleader	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351002773	276000351002773	Maibaum	469070	2006	Marbach	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401794790	276001401794790	Maibuck	831180	2001	Manat	Clown	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815922007	276000815922007	Maic	767666	2014	Mahuva	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000535766947	276000535766947	Maico	917288	2009	Malvoy	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000897794084	276001503803098	Maico	148590	2010	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401606280	276001401606280	Maidal	831166	2001	Manat	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017500156774	380017500156774	Maifürst	810888	2001	Manat	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000534651702	276000534651702	Maigold	674583	2006	Mascal ET	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350369060	276000350369060	Maigraf	811137	2006	Modest	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM001503803098	276001503803098	Mail	822224	2007	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578240520	276000578240520	Mailand	810702	1998	Mattie G	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001270573725	276001270573725	Mailand	804263	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000951373097	276000951373097	Mailand P	499073	2016	Milford-P	Big Point	H1C	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000537556283	276000537556283	Mailbox	680039	2012	Maximum	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLUSAM000135467569	840000135467569	Mailman	297811	2004	Avanti	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000256640	208003372306046	Mailo	804336	2013	Maximum	Time	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000262888303	528000262888303	Mailord	631891	2000	Manfred-ET	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM001304055809	276001304055809	Mainart P	804287	2011	Magna P RF	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000344008895	276000344008895	Mainau	458373	1999	Marty	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000399978337	528000399978337	Mainau	831688	2004	O-Man	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353764108	276000353764108	Maine	261330	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4P	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000919137659	528000919137659	Maino	832862	2013	Meridian	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000336563745	528000336563745	Mainroad	670661	2001	Marshal ET	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000871281041	528000871281041	Mainstreet	917457	2012	Maicon	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLUSAM000062067755	840000062067755	Maintop	917012	2004	Marmax RF	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579810458	276000579810458	Maipo	916870	2003	Marmax RF	Jubel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345859177	276000345859177	Maiprinz	810850	2001	Marshal ET	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000578492799	276000578492799	Maison	669927	2000	PM Magic	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346565672	276000346565672	Maistern	810906	2002	Manat	Debonair	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348941225	276000348941225	Maitai	466824	2005	Magical	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000447398607	528000447398607	Maitiko	832113	2006	Marion	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114113940	276000114113940	Maitreyo	565761	2003	Magna	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000007712060	124000007712060	Majano	917053	2005	Marmax RF	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000893818917	528000893818917	Majestic	474900	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000543413309	528000543413309	Majesto	917451	2012	Maicon	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000662548765	276000662548765	Majock	763974	2005	Manager ET	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM001401606325	276001401606325	Majol	831215	2001	Manat	Dannix	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533922876	276000533922876	Majoli	671318	2002	Magna	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLAUTM000689216107	040000689216107	Major		2004	Morty	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLNLDM000483757806	528000483757806	Majoran	471881	2008	Mascal ET	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000653243	826104057202385	Majorca	832560	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLCANM000102965660	124000102965660	Majordome	917002	2004	Jordan-Red	Storm	H1P	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000391942093	528000391942093	Majus	831792	2005	O-Man	Morty	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247817	208003001001456	Makalani	328680	2004	Magna	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000490002922	528000490002922	Makalu	832223	2008	Mascal ET	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501626434	276001501626434	Makani	823054	2012	Manur	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000346631577	276000346631577	Makareno	463559	2003	Magna	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000536077028	276000536077028	Makareno	822413	2010	Man-O-Man	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000951596685	276000951596685	Makari PP	811597	2017	Mission P	Style P	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000769953827	276000769953827	Maker	680664	2013	Massey	Robust	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLBELM000112246460	056000112246460	Maki	154204	2014	Mardi Gras	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001500942355	276001500942355	Makiadi	822343	2008	Mac	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM008501200903	250008501200903	Making	822446	2010	Man-O-Man	Oliver 2	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLUSAM000062030467	840000062030467	Makita	330074	2005	Magical	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000121498889	276000121498889	Makora	823151	2014	Mardi Gras	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000494538483	528000494538483	Makorot	832341	2008	O-Man	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302894349	276001302894349	Makos	804080	2006	Manager ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000392690333	528000392690333	Makosch	831722	2004	O-Man	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404050543	276001404050543	Makoto	832563	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000769818177	276000769818177	Makro	679881	2012	Maximum	Gibor	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001402232685	276001402232685	Makro	831483	2003	Magna	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578149648	276000578149648	Makulo	821084	1998	Metro	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113668284	276000113668284	Malabar	670978	2002	Marshal ET	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001404038090	276001404038090	Malachi	832542	2010	Man-O-Man	F B I	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000345386119	276000345386119	Malachit	802515	2001	Manat	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000605621925	528000605621925	Malachit	841025	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000349444333	276000349444333	Malaga	329125	2004	Morty	Boss Iron	H1P	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000867054338	528000867054338	Malaga	151559	2013	Meridian	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001402854641	276001402854641	Malako	831927	2006	O-Man	Lancelot	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLUSAM000137071364	840000137071364	Malan-Red	917022	2005	Marmax RF	Tribute	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000250114	208003372303024	Malander	831916	2006	Manager ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402676693	276001402676693	Malani	831860	2005	Manager ET	Saturn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349563047	276000349563047	Malao	329617	2005	Manager ET	T Laluffe	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350081141	276000350081141	Malawi	145900	2005	Mr.Sam	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000248183	208005609301588	Malberg	831672	2004	O-Man	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347342965	276000347342965	Malcom	327734	2002	Manat	Outside	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661261082	276000661261082	Malcome	631420	1999	Marty	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000535762066	276000535762066	Malden	917298	2009	Malvoy	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLITAM017991217221	380017991217221	Maldini	151565	2013	Mogul	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000891058612	528000891058612	Maldini	822429	2010	Man-O-Man	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535562756	276000535562756	Maldo	599436	2008	Malvoy	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580566395	276000580566395	Malefiz	674031	2005	Manager ET	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347383903	276000347383903	Malek	831279	2001	Manat	Mason	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116471680	276000116471680	Malekra	599440	2008	Malvoy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000116261467	276000116261467	Maleno	599445	2008	Malvoy	Reno 2	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000535588808	276000535588808	Maletzko	599482	2009	Moonlight	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000492377567	528000492377567	Maley	832191	2007	Mascol ET	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111938642	276000111938642	Malfeld	563096	1998	Manfred-ET	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349337513	276000349337513	Malfoy	463786	2003	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346427235	276000346427235	Malflux	461822	2002	Marshal ET	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346537996	276000346537996	Malgo	461814	2001	Manat	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000256430	208003372306052	Malibu	151561	2013	Maximum	Time	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
02	HOLUSAM000128811021	840000128811021	Malibu-Red	297726	1999	Rubens RF	Karmel Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000247766851	528000247766851	Maliet	669000	1999	Manfred-ET	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350767944	276000350767944	Malim	330164	2006	Mascol ET	Limburger	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579888241	276000579888241	Malin	671862	2003	Magna	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663626514	276000663626514	Malindi	333024	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000545851448	528000545851448	Malindi	804242	2009	Million	Mascol ET	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348692980	276000348692980	Malindo	465103	2004	Morty	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535960010	276000535960010	Malindo	677059	2009	Mascol ET	Jefferson	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000111743770	276000111743770	Malingo	668390	1998	Manfred-ET	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000116471694	276000116471694	Malintix	599454	2009	Malvoy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000258603	208002371402918	Malinus	811575	2016	Modeco	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000347425023	276000347425023	Malisch	821288	2001	Marshal ET	Demand	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349738075	276000349738075	Malisto	831752	2004	Marmax RF	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250554	208003424101384	Malix	505916	2006	Mascol ET	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000498779783	528000498779783	Malke	832406	2008	Mac	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001401957074	276001401957074	Mallin	831335	2002	Manat	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343357509	276000343357509	Mallorca	325668	1999	Marty	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM0000922212	1240000922212	Mallory	297586	2000	Mario-Red	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000351415903	276000351415903	Mallow	917250	2007	Malvoy	Talent2	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000579444176	276000579444176	Malmedy	670780	2002	Marshal ET	Decision	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001602080721	276001602080721	Malmedy	634618	2005	Manager ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000247226	208003727902139	Malmoee	671422	2003	Magna	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002141062552	250002141062552	Malo	145589	2006	Mascol ET	Lucente	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000351170897	276000351170897	Malonko	330518	2006	Marbach	Elonko	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663626513	276000663626513	Malou	811362	2010	Man-O-Man	Lou	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001021231602	276001021231602	Maloy	810146	1992	Mascot	Sir Valor	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000394789929	528000394789929	Malpas	831612	2004	O-Man	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350046127	276000350046127	Malport	329952	2005	Manager ET	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536644973	276000536644973	Malso	822451	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM000352003523	276000352003523	Malstrom	675901	2007	Marbach	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000256827	208003372306218	Malta	151576	2013	Model	Snowman	H1N	H2N	H3P	H4N	H5P	CDF	VOST	CD Gentest
01	HOLNLDM000523273240	528000523273240	Malta TQ	332112	2009	Captain	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000359089891	528000359089891	Maltan	831475	2003	Magna	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115302429	276000115302429	Maltase	567417	2006	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000340125701	276000340125701	Malte MV	800966	1996	RC Matt	Lindy	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500157186	276001500157186	Maltin	831775	2005	Manat	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000258351	208003372306856	Maltino	619134	2015	Missouri	G-Force	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000355140495	276000355140495	Maltrim	832587	2011	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000353412851	276000353412851	Maluda	333029	2010	Man-O-Man	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000114113963	276000114113963	Malude	565812	2003	Magna	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
02	HOLUSAM000132414870	840000132414870	Malvoy	916301	2002	Marmax RF	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000416057831	276000416057831	Malwin	470292	2007	Marbach	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000580694222	276000580694222	Maman	764213	2006	Mascol ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000535272153	276000535272153	Mamba	676022	2008	Marbach	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353764101	276000353764101	Mambo	822415	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4P	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000125767903	840000125767903	Mambo	504965	1998	Mattie G	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351322568	276000351322568	Mamboleo	469072	2007	Modest	Outside	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000440255451	528000440255451	Mammello	144495	2006	Magical	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000353672044	276000353672044	Mammut	333305	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000106546094	124000106546094	Man Iglou	822418	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLNLDM000531083703	528000531083703	Manacor	677778	2010	Man-O-Man	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001602152302	276001602152302	Manado	840798	2005	Manager ET	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347425167	276000347425167	Manager 3	505401	2002	Magna	Demand	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000345515580	276000345515580	Manager ET	840463	1999	Mtoto	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601409478	276001601409478	Managua	840595	2002	Manat	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579325748	276000579325748	Manaos	810870	2001	Marshal ET	Slotti	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLITAM020990256152	380020990256152	Manardo	840851	2006	Manager ET	Morty	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000814665836	276000814665836	Manare	766000	2011	Manifold	Roumare	H1N	H2N	H3P	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001402659856	276001402659856	Manaros	831750	2004	Manat	Pretin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348668677	276000348668677	Manas	466302	2005	Manager ET	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM002261530135	276002261530135	Manat	830287	1995	Mandel	Bell Rex	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000117043053	276000117043053	Manatoy	637201	2010	Man-O-Man	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000355936935	276000355936935	Manaus	679885	2012	Maxim	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000534600182	276000534600182	Manblack	635255	2006	Manager ET	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000069324751	840000069324751	Mancave	506771	2010	Observer	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351002763	276000351002763	Manchester	469253	2007	Mascol ET	Topkid	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352239265	276000352239265	Manchester	636272	2008	Mac	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM002941260207	250002941260207	Mancini	840792	2005	Manager ET	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM097990013371	380097990013371	Mancini	145584	2006	Mascol ET	Garther	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401606248	276001401606248	Mancino	831133	2001	Manat	Downson	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116240902	276000116240902	Manda	597800	2007	Mr.Burns	Avanti	H1N	H2P	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLNLDM000321563800	528000321563800	Mandaat	632486	2001	Manat	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351721539	276000351721539	Mandalat	471062	2008	Mascol ET	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578134240	276000578134240	Mandarin	669085	1999	Manfred-ET	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351170899	276000351170899	Mandat	145597	2006	Marbach	Elonko	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000353764109	276000353764109	Manday	149909	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000345003243	276000345003243	Mandela	255035	2000	Mtoto	Luke	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000894930407	528000894930407	Mandela	148587	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000916344441	528000916344441	Mandela	823081	2013	Mogul	Super	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLDEUM001602185501	276001602185501	Mandelo	840829	2006	Mascol ET	Cash	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000499159816	528000499159816	Manderas	636533	2009	Maxwell II	Good	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000255904	208004165405715	Manderly	680118	2012	Manson	VH Bismark	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001500153747	276001500153747	Mandero	811150	2006	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLGBRM0000000654356	826382149701262	Mandestini	475512	2011	Man-O-Man	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLAUTM000146117722	040000146117722	Mandi	2013	2013	Manouk	Snowman	H1N	H2N	H3P	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000662959396	276000662959396	Mandigo	469551	2007	Marbach	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580624927	276000580624927	Mandini	811105	2006	Magical	Capri	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDNKM000000250195	208003001001550	Mandito	634626	2006	Magical	Ford	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000060839914	84000060839914	Mandix	671189	2002	Magna	Bendix	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000112064730	276000112064730	Mando	830808	1998	Mattie G	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062284862	840000062284862	Mandoki	822123	2005	Merinit	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM019990346774	380019990346774	Mandolero	804098	2006	Marion	Titanic	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578716683	276000578716683	Mandolin	669476	1999	Manfred-ET	Ferrari	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000767652933	276000767652933	Mandolin	810752	1999	Mtoto	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM005237442183	250005237442183	Mandolo	840799	2005	Manager ET	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347303267	276000347303267	Mandoro	831355	2002	Manat	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601335733	276001601335733	Mandoro	840583	2002	Manat	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001269513509	276001269513509	Mandos	823216	2017	Magister	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000295614870	528000295614870	Mandrake	565308	2002	Manat	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348891302	276000348891302	Mandreas	466039	2005	Manager ET	Raimon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402041026	276001402041026	Mandschu	831348	2002	Manat	Formation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000728052161	528000728052161	Mandur	832510	2010	Man-O-Man	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662368860	276000662368860	Manello	673555	2005	Manager ET	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000536542322	276000536542322	Manesco	822425	2010	Man-O-Man	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001501013217	276001501013217	Manex	822453	2010	Man-O-Man	Baxter 2	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000534600103	276000534600103	Manful	674417	2006	Manager ET	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579325886	276000579325886	Mangale	762214	2001	Manat	Igale Masc	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000489640021	528000489640021	Mangani	832342	2008	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000256639	208001315002640	Mangano	811494	2013	Maximum	VH Bismark	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000814676612	276000814676612	Mango	766006	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000350476549	276000350476549	Mangold	148004	2006	Mascol ET	Minister	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001021381478	276001021381478	Mangold	810261	1994	Manager	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000661796227	276000661796227	Manhart	840582	2001	Manat	Gigh	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000136548933	840000136548933	Manhattan2	505753	2005	Dundee	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663222785	276000663222785	Manhattan	635990	2008	Mac	Throne	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000387767468	528000387767468	Mania	831613	2004	O-Man	Convincer	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000349946504	276000349946504	Manifest	597750	2005	Magisto	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000273281157	528000273281157	Manifest	501691	1999	Manfred-ET	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLFRAM005454507972	250005454507972	Manigo	840636	2002	Maniser	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349086422	276000349086422	Maniko	463771	2003	Magna	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000974543203	276000974543203	Manila	794810	2006	Mascol ET	Glory Box	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001402123382	276001402123382	Manin	831530	2003	Manat	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249904	208002981401916	Manino	840803	2005	Manager ET	Garter	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000661898181	276000661898181	Manioc	840613	2002	Maniser	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347067677	276000347067677	Maniok	802513	2001	Marshal ET	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346338629	276000346338629	Manir	461826	2002	Manat	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001600070065	276001600070065	Maniser	840247	1996	Mandel	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000660716258	276000660716258	Manitoba	630932	1998	Manfred-ET	Manager	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000113668322	276000113668322	Manitor	565526	2002	Marshal ET	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401974035	276001401974035	Manius	831315	2002	Manat	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348129123	276000348129123	Manjo	465114	2004	Merv 2	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000062067805	840000062067805	Mankato	917059	2005	Marmax RF	Emery	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354292577	276000354292577	Mankell	149950	2011	Manifold	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000534466448	276000534466448	Mankell	673799	2005	Manager ET	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000947978081	276000947978081	Mankind	795990	2012	Mango	Eleve	H1N	H2N	H3N	H4N	H5N	CDN	BNV	
01	HOLDEUM000578734639	276000578734639	Mankor	670415	2001	Manat	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000370771724	528000370771724	Mankor	831679	2004	O-Man	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002216979134	250002216979134	Manlor	840802	2005	Manager ET	Lorak	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000137513015	840000137513015	Mannerly	674229	2006	Magical	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535610269	276000535610269	Mannish RF	676807	2008	Malvoy	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351078000	276000351078000	Mannus	145529	2007	Marbach	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350131460	276000350131460	Manoever	465961	2005	Manager ET	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353764112	276000353764112	Manol	261400	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4P	H5N	CDN	Memminge	
01	HOLDEUM000579325744	276000579325744	Manolito	670557	2001	Marshal ET	Lery	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401872648	276001401872648	Manolito	831260	2001	Manat	Leopard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354084693	276000354084693	Manolo	149914	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580089733	276000580089733	Manolo	258530	2005	Manager ET	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000360555885	276000360555885	Manolo PP	499105	2017	Mission P	Sveen P	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLNLDM000358039989	528000358039989	Manolus	831892	2005	Manager ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536334957	276000536334957	Manometer	148576	2010	Man-O-Man	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000536421481	276000536421481	Manos RF	678329	2010	Man-O-Man	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000814779620	276000814779620	Manosh	795600	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	Memminge	
01	HOLDEUM001267420197	276001267420197	Manoso	811566	2015	Mr Max	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000580367148	276000580367148	Manott	144464	2005	Manager ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000353940622	276000353940622	Manouk	832546	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000120054314	276000120054314	Manpower	568557	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000917795277	528000917795277	Manrike	811479	2013	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDC	RBB	CD Gentest
01	HOLDEUM000535693708	276000535693708	Manriver	676822	2008	Mascol ET	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000418361384	528000418361384	Manron	763861	2005	Manager ET	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000353157433	276000353157433	Mansaro	832439	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402057820	276001402057820	Mansel	831392	2002	Manat	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351006305	276000351006305	Mansfeld	148003	2006	Mascol ET	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000431858094	528000431858094	Mansimo	840785	2005	Manager ET	Simon	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000353589552	276000353589552	Manson	261300	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000535290288	276000535290288	Mansonat	471431	2008	Marbach	Durham	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580219500	276000580219500	Mansur	258590	2005	Mr.Sam	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000354215659	276000354215659	Mansyr	822455	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813083833	276000813083833	Manta	763923	2005	Manager ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000430249141	528000430249141	Manta	840830	2006	Mascol ET	Durham	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM001260001186	380001260001186	Mantai	830905	1999	Mtoto	Bellwood	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344222859	276000344222859	Manteno	455808	1999	Manfred-ET	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536358553	276000536358553	Mantis	677775	2010	Mascol ET	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 98% Traegerwahrscheinlichkeit
01	HOLUSAM000070809729	84000070809729	Manto RF	507067	2012	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017990189725	380017990189725	Mantoros	831761	2004	O-Man	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767764591	276000767764591	Mantow	565105	2001	Manat	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579444146	276000579444146	Mantra	670610	2001	Marshal ET	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000814440008	276000814440008	Mantle	766005	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RBW	
01	HOLDEUM000354216032	276000354216032	Mantua	261747	2010	Manifold	Goldwin	H1N	H2N	H3P	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000353816157	276000353816157	Manu	261180	2010	Man-O-Man	Jose	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM00066826799	27600066826799	Manu P	997881	2016	MatisseRed	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000480935997	528000480935997	Manul	832256	2008	O-Man	Modest	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000447955976	528000447955976	Manur	822206	2006	Mascol ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000104112240	124000104112240	Manville	674465	2006	Marion	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000496065363	528000496065363	Manyatta	832257	2008	Mac	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001500151755	276001500151755	Manzini	811244	2008	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLDEUM001401764354	276001401764354	Manzo	831334	2002	Manat	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111916566	276000111916566	Maoam	563100	1998	Manfred-ET	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348494275	276000348494275	Maori	329563	2005	Merinit	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343661167	276000343661167	Mapei	325680	1999	Marty	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812023487	276000812023487	Mapper	762604	2002	Manat	Pepper	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000242743	208002441201212	Mapril CV	840464	1999	Mtoto	Patron	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLBELM000217053420	056000217053420	Maputo	831718	2005	O-Man	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662652104	276000662652104	Maputo	811082	2005	Manager ET	Esar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001601994396	276001601994396	Maputo	840807	2006	Mascol ET	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOL840M003134106802	840003134106802	Marabou	508449	2016	Modesty	Racer	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000535310910	276000535310910	Marabu	636150	2008	Marbach	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000257941	208003372306808	Maracana	571900	2015	Missouri	G-Force	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000392690302	528000392690302	Maracas	831738	2004	O-Man	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350144425	276000350144425	Maradonna	466685	2005	Modest	Loriot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344591438	276000344591438	Marakesch	325672	1999	Marty	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534054124	276000534054124	Maral	922417	2003	Marcel red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLIRLM191034720545	372191034720545	Marald	328211	2002	Magna	Herald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347454429	276000347454429	Maraldo	802563	2002	Manat	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401606264	276001401606264	Maran	831146	2001	Mr Marshal	Labelle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358665602	276000358665602	Maranatha	833147	2015	Missouri	Shotglass	H1F	H2N	H3F	H4F	H5P	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000344807769	276000344807769	Maranello	326412	1999	Marty	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501757684	276001501757684	Marani	478105	2013	Mascalse	Niagra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400878003	276001400878003	Marathon	830708	1998	Mattie G	Liberty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000131849507	840000131849507	Marbach	327250	2001	Marshall	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661683207	276000661683207	Marbello	831167	2001	Marshall ET	Istar Aero	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579893900	276000579893900	Marbens	996188	2003	Marcel red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000344793636	276000344793636	Marbert	915327	2000	Mario-Red	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000474715042	528000474715042	Marbling	635258	2006	Mascol ET	Lucky Mike	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000662959383	276000662959383	Marboll	840877	2007	Marbach	Lee	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000534600380	276000534600380	Marburg	330974	2007	Marbach	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536644936	276000536644936	Marc	261480	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLIRLM191181750514	372191181750514	Marc	671494	2003	Magna	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000664182506	276000664182506	Marc Aurel	619014	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000813160803	276000813160803	Marca	567402	2005	Mr.Sam	Gibson	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM001601143252	276001601143252	Marcato	922020	2001	Mario-Red	Benefit RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401956637	276001401956637	Marcel	831404	2002	Marshall	Emery	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000138026312	840000138026312	Marcelinio	822208	2006	Modest	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401106638	276001401106638	Marcello	830786	1998	Manuel	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000534083054	528000534083054	Marcinos	678161	2010	Man-O-Man	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354481274	276000354481274	Marco	149980	2011	McCormick	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348827906	276000348827906	Marcomir	465667	2005	NOG Metz	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347780176	276000347780176	Marcor	327579	2002	Marshall ET	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000549684754	528000549684754	Marcrest	833083	2014	Mardi Gras	Man-O-Man	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000813729298	276000813729298	Mardan	822247	2007	Marbach	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001013375386	276001013375386	Marder	800165	1992	Mark	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000538145721	528000538145721	Marder	149967	2011	Matrix	Mr.Burns	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000815820235	276000815820235	Mardic	767730	2015	Mardi Gras	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLUSAM000065711218	84000065711218	Mardin	822326	2008	Jardin	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000245022	208003372301767	Marduk	831187	2001	Marshall ET	Basar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354215667	276000354215667	Maredo	261750	2010	Man-O-Man	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000440899165	528000440899165	Maredo	831881	2005	Magical	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001273176028	276001273176028	Marek	801751	2000	Manfred-ET	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000539042074	528000539042074	Marelli	804227	2009	Mr.Burns	Shottle	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346708676	276000346708676	Marello	633226	2003	Magna	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000661406101	276000661406101	Marengo	595099	2000	Mario-Red	Petisso Rf	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000256067	208003372305842	Marengo	151549	2013	Meridian	Time	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000580376052	276000580376052	Mareo	917017	2005	Marmax RF	Konvoy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343364387	276000343364387	Maretto	326524	1999	Mtoto	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254788	208003233801269	Mareus	619016	2010	Massey	Virzil	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000534600124	276000534600124	Marfil	674582	2006	Magical	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351002755	276000351002755	Margall	330763	2007	Marbach	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062439952	84000062439952	Margen	673459	2005	Marshall	Amel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001602184322	276001602184322	Margon	840833	2006	Mascol ET	Design	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLNLDM000491386618	528000491386618	Marhill	926901	2007	Metallica	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115372099	276000115372099	Marriage	567453	2006	Magical	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000661204065	276000661204065	Mariano	921913	2000	Mario-Red	Roels	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000207497702	840000207497702	Maribor	671778	2003	Magna	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350082464	276000350082464	Maribu	258328	2005	Manager ET	Meadowlord	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000436479434	528000436479434	Maric	764802	2006	Marion	Titanic	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000545799629	528000545799629	Marico	832489	2009	Mac	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM00000256832	208002371402611	Marigo	619098	2013	Model	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001601333806	276001601333806	Marilko	840567	2001	Marshal ET	Kilo	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402311487	276001402311487	Marillo	831655	2004	Marso	Jelt	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813179610	276000813179610	Marillus	566685	2005	Manager ET	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402762484	276001402762484	Marimbo	831963	2006	Manager ET	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813618113	276000813618113	Marimor	764048	2006	Marion	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351545842	276000351545842	Marinelli	148018	2008	Mr.Burns	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000354404781	276000354404781	Marinero	474986	2011	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990536537	380020990536537	Marinero	811385	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000767925597	276000767925597	Maringo	831157	2001	Marshal ET	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577226077	276000577226077	Marino	810503	1996	Mandel	Winken	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001400782886	276001400782886	Marino	830718	1998	Mattie G	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662959381	276000662959381	Marinus	145588	2007	Marbach	Lee	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM00000250876	208005863103459	Marinus	804104	2007	Marion	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000417266266	528000417266266	Marinus	922694	2005	Marmax RF	Konvoy	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534383120	276000534383120	Mario	144452	2005	Modest	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM00000251296	208003372303236	Mariocco	763999	2006	Marion	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLITAM035990183932	380035990183932	Mariotti	811101	2005	Magical	Boss Iron	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000465403897	528000465403897	Marisko	832057	2006	Marion	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000233100968	528000233100968	Marist	325819	1999	Mattie G	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113980384	276000113980384	Maritim	142264	2003	Morty	Rudolph	H1P	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000812160360	276000812160360	Marito	670483	2001	Manat	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345461825	276000345461825	Marius	831120	2001	Mtoto	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813576008	276000813576008	Marius	764813	2006	Marion	Aertus	H1P	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDNKM00000245023	208005126000947	Marius	802527	2001	Manat	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402499409	276001402499409	Marjan	831746	2004	Marmax RF	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000477054342	528000477054342	Marjan	330878	2007	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402559264	276001402559264	Mark	802668	2004	Marmax RF	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLBELM000842080394	056000842080394	Markant	830821	1998	Mattie G	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500871393	276001500871393	Markant	822279	2007	Marbach	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302894210	276001302894210	Marker	804044	2006	Magical	Abe	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000538629942	276000538629942	Marker P	681575	2014	Mardi Gras	Ladd P	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000534730026	276000534730026	Markes	822228	2006	Mascol ET	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500161046	276001500161046	Markett	831666	2004	Marmax RF	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000368104475	528000368104475	Markim	840762	2004	Marmax RF	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000349567681	276000349567681	Markin	926498	2005	Marmax RF	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012059330	276001012059330	Marko	810039	1991	Michael	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM003704250064	250003704250064	Markoer	831797	2005	O-Man	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401827142	276001401827142	Markos	831191	2001	Manat	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342919886	276000342919886	Markus	801090	1998	Mattie G	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000605621893	528000605621893	Markus	149917	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001500151215	276001500151215	Marlando	832059	2007	Marion	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000361082419	276000361082419	Marley	265525	2018	Malinus	Battlecry	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000843246841	528000843246841	Marley RDC	832857	2013	Mayfield	Observer	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLFRAM000700528700	250000700528700	Marlix	831227	2001	Marshal ET	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347383847	276000347383847	Marlo	831212	2001	Marshal ET	Mason	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347740711	276000347740711	Marlon	256599	2002	Malte MV	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000345515620	276000345515620	Marlowe	810781	2000	Mtoto	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001401822526	276001401822526	Marlus	831313	2002	Marshal ET	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000103011072	124000103011072	Marmax-Red	297838	2004	Marmax RF	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000342921005	276000342921005	Marmor	253857	1998	Magley	Endeavor	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001303941239	276001303941239	Marmor	804266	2011	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000536124810	276000536124810	Marmorall	677507	2009	Gibor	Wizard	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDNKM003372301763	208003372301763	Marmorit	632413	2001	Marshal ET	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580694282	276000580694282	Marne	675606	2007	Marion	Riverland	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001403143243	276001403143243	Marnie	832298	2008	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402527047	276001402527047	Marnus	831758	2004	Marmax RF	Manuel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM003554771517	250003554771517	Maro	830843	1999	Marty	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401973370	276001401973370	Marok	831408	2002	Marmax RF	Rainbow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662548695	276000662548695	Marokko	634665	2005	Manager ET	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM001303028715	276001303028715	Marokko	804125	2007	Marion	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000663253534	276000663253534	Maroman	840914	2008	Marbach	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000348672200	276000348672200	Maromi	466031	2005	Manager ET	NOG Lanugo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534322829	276000534322829	Maronest	804015	2005	Manager ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401929665	276001401929665	Marquard	831411	2002	Marshall	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694214	276000580694214	Marques	811129	2006	Modest	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000133125212	840000133125212	Marquis	505423	2002	Manat	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502468333	276001502468333	Marry	762624	2002	Magna	Terry	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351415481	276000351415481	Mars	145553	2007	Marbach	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000894814079	528000894814079	Mars	156585	2017	Mission P	Zumba	H1F	H2N	H3F	H4F	H5N	CDN	VOST	CD Gentest
01	HOLNLDM000436005044	528000436005044	Marsala	674419	2006	Mascol ET	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356032714	276000356032714	Marsalla	334863	2012	Monitor	Hayden	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534685033	276000534685033	Marsberg	635253	2006	Mascol ET	Blauer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000474715693	528000474715693	Marsberg	330980	2007	Mascol ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDNKM002371403056	208002371403056	Marsden P	924753	2017	Mission P	Brekem	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLNLDM000716072544	528000716072544	Marsian	832492	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	CD Gentest
01	HOLDEUM001600702785	276001600702785	Martaner	840445	1999	Marty	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349122474	276000349122474	Marten	328421	2003	Morty	Emerson	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349159824	276000349159824	Marten	257387	2003	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000424462547	528000424462547	Martin	840791	2005	Manager ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351152771	276000351152771	Martini	331146	2007	Marbach	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001302490892	276001302490892	Martini	996300	2005	Marmax RF	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM003372301737	208003372301737	Martini	831165	2001	Marshal ET	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001272495064	276001272495064	Martinius	811558	2015	Missouri	Fanatic	H1F	H2N	H3F	H4F	H5P	CDN	RBB	CD Gentest
01	HOLNLDM000438266427	528000438266427	Martos	822194	2006	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813576009	276000813576009	Martus	764806	2006	Marion	Aertus	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000580694217	276000580694217	Marun	804068	2006	Mascol ET	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLGBRM104057403087	826104057403087	Maruno	811474	2012	Numero Uno	Super	H1N	H2N	H3N	H4N	H5P	CDN	RBB	CD Gentest
01	HOLDEUM000579178058	276000579178058	Marvalis	761990	2001	Marshal ET	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000360540333	276000360540333	Marvel PP	833292	2017	Marker P	Rocco-P	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDNKM00000256106	208003372305928	Marvello	811490	2013	Massey	Time	H1N	H2N	H3N	H4P	H5N	CDN	RBB	CD Gentest
01	HOLUSAM000061355159	840000061355159	Marvelus	505818	2005	Lancelot	Machoman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM0000811738510	2760000811738510	Marven	762023	2001	Marshal ET	Raven	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000336527880	528000336527880	Marvex	831338	2002	Marshall	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346273807	276000346273807	Marvin	810867	2001	Manat	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001402618055	276001402618055	Marvos	831654	2004	Marmax RF	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402469970	276001402469970	Marwald	831632	2004	Marmax RF	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000052482462	840000052482462	Marwell	329467	2004	Marshall	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000387028396	528000387028396	Marwil	634024	2004	Morty	Durham	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000387028505	528000387028505	Marwill	329696	2005	Magical	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001401263471	276001401263471	Marwin	830970	2000	Manfred-ET	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580169418	276000580169418	Maryland	917076	2005	Marmax RF	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000661652461	276000661652461	Marzio	840561	2001	Marshal ET	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000492274011	528000492274011	Masaccio	832224	2008	Mac	Durham	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000230828322	528000230828322	Masai	830800	1998	Manfred-ET	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501761902	276001501761902	Masao	823095	2013	Mascalese	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000120858072	276000120858072	Masato	811476	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000868564597	528000868564597	Masato	804315	2012	Maxim	Super	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000946616440	276000946616440	Masc	795800	2012	Manifold	Mascol ET	H1N	H2N	H3P	H4N	H5N	CDN	Memminge	
01	HOLDEUM001403223312	276001403223312	Mascalero	832085	2007	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000433431727	528000433431727	Mascampi	634841	2006	Mascol ET	Champion	H1N	H2N	H3P	H4N	H5N	CDN	ZBH	
01	HOLNLDM000438266535	528000438266535	Mascara	330591	2006	Mascol ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000063016035	840000063016035	Mascara	674200	2006	Mascol ET	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000767649750	276000767649750	Mascard ET	840478	1999	Igale Masc	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000114480377	276000114480377	Mascaro	566655	2004	Morty	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000534730023	276000534730023	Mascaro	840847	2006	Mascol ET	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001403223316	276001403223316	Mascaron	832086	2007	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990450855	380019990450855	Mascarpon	331809	2007	Mascol ET	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000442479990	528000442479990	Mascarpone	674950	2006	Mascol ET	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578891748	276000578891748	Mascol ET	840515	2000	Mtoto	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350131403	276000350131403	Mascolan	468180	2006	Mascol ET	Garter	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000664127354	276000664127354	Maserati	637272	2010	Man-O-Man	Pronto	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001303827501	276001303827501	Maserati	804255	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000475173094	528000475173094	Maserati	674937	2006	Mascol ET	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLGBRM00000645609	826261437201781	Mashlak	822373	2009	Ashlar	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001500150978	276001500150978	Mashuko	832106	2007	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001601513210	276001601513210	Masib	840591	2002	Marshall	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000813384352	276000813384352	Masiv	765093	2007	Mascol ET	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000356707060	276000356707060	Maskaron	571866	2013	Mascalese	Altalota	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000346427239	276000346427239	Masketo	461919	2002	Marshal ET	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536080151	276000536080151	Maskulin	677662	2009	Marsh 2	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000250120	208004199601204	Maslund	831989	2006	Mascol ET	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002258172065	250002258172065	Mason	840821	2006	Mascol ET	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM003704257325	250003704257325	Maspalma	670846	2002	Marshal ET	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343643345	276000343643345	Massimo	631098	1998	Mattie G	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001303028678	276001303028678	Massimo	804115	2007	Mascol ET	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402951128	276001402951128	Massimo	831946	2006	Mascol ET	Q F Lad	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355937058	276000355937058	Massiv	263141	2013	Massey	Planet	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000438752654	528000438752654	Massiv	831980	2006	Mascol ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349747252	276000349747252	Master	804008	2005	Manager ET	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000940486348	276000940486348	Master	799966	2006	Mascol ET	Blauer	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLNLDM000370771368	528000370771368	Master	633505	2003	Morty	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000435332655	528000435332655	Masterkey	674414	2006	Mascol ET	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM00006228009	276000101790358	Mastermind	592254	1994	Milestone	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354097940	276000354097940	Masterplan	473892	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351436631	276000351436631	Mastev	764600	2007	Marbach	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000111091752	276000111091752	Mastif	562390	1997	Mason	Prelude	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000948526903	276000948526903	Masurati	832860	2013	Supersire	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579136860	276000579136860	Masuren	669930	2000	PM Magic	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351002768	276000351002768	Masven	764959	2007	Mascol ET	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RBW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
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01	HOLDEUM000346896454	276000346896454	Mataban	671492	2003	Magna	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000577323264	276000577323264	Matadi	840266	1996	Mandel	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000353157435	276000353157435	Matador	148585	2009	Mac	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001500153635	276001500153635	Matador	811148	2006	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 80% Traegerwahrscheinlichkeit
01	HOLCANM000101599685	124000101599685	Matador 2	503824	2003	Champion	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001500163818	276001500163818	Matan	831634	2004	Magna	Formation	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302774635	276001302774635	Matari	804062	2006	Modest	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351411923	276000351411923	Mataro RF	330969	2007	Marbach	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000335755062	528000335755062	Match	632485	2001	Major	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000830269152	528000830269152	Match	133334	1992	Mascot	Sheik	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000259417	208002371403055	Match P	823204	2017	Mission P	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RSH/RA	CD Gentest
01	HOLNLDM000898053690	528000898053690	Matchball	477176	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000343424120	276000343424120	Matcho	830706	1998	Mattie G	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538773443	276000538773443	Mate P RDC	682277	2015	MatisseRed	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLFRAM000706023355	250000706023355	Mateng	331186	2007	Maxwell II	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM001296046702	250001296046702	Mateo RF	830401	1996	RC Matt	Melwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501189971	276001501189971	Matevo	811383	2010	Man-O-Man	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000580286066	276000580286066	Matey	674026	2005	Marmax RF	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402331096	276001402331096	Mathew	831511	2003	Machoman	Mattie G	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500153991	276001500153991	Matice	832012	2007	Marion	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLSWEM001628097573	752001628097573	Matinee	801668	1998	Mattie G	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000343085153	276000343085153	Matino	830710	1998	Mattie G	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000532944874	528000532944874	Matip	917327	2009	Malvoy	Classic PS	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001265237697	276001265237697	Matip GP	889139	2010	Man-O-Man	Shottle	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000768305237	276000768305237	Matisse	810955	2003	Magna	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000538116643	276000538116643	MatisseRed	917539	2013	Magenta	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000353771567	528000353771567	Matavo	671500	2003	Magna	Webster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347116646	276000347116646	Matlock	670551	2001	Manat	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000063563753	840000063563753	Mator	331491	2007	Marbach	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354091475	276000354091475	Matre	261660	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000344585257	276000344585257	Matrix	791610	1998	Mattie G	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000355863278	276000355863278	Matrix	262775	2012	Maxim	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001401362940	276001401362940	Matrix	831298	2001	Mateo RF	Formation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578134179	276000578134179	Matrose	139910	1998	Mattie G	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM001450821280	250001450821280	Matrum	328664	2003	Morty	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001600520916	276001600520916	Mattador	631053	1998	Mattie G	Raider	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001601333808	276001601333808	Mattador	840568	2001	Marshal ET	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000660716287	276000660716287	Mattaro	840410	1998	Mattie G	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM002251222390	250002251222390	Mattis	478422	2013	Massey	Man-O-Man	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000535278552	276000535278552	Mattle	822278	2007	Marbach	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000811115204	276000811115204	Mattwi	761244	1998	Mattie G	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350131398	276000350131398	Matula	468179	2006	Magical	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352795163	276000352795163	Matulla	332726	2009	Mac	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000584209989	528000584209989	Matulo	832488	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001502078435	2760001502078435	Matze	822145	2005	Manager ET	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350104803	276000350104803	Maurice	831818	2005	Manager ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347383849	276000347383849	Maurin	670496	2001	Marshal ET	Mason	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349411006	276000349411006	Mauritius	143381	2003	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000448959001	528000448959001	Mauritz	145590	2006	Mascol ET	Addison	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579136896	276000579136896	Maurizio	840551	2001	Marshal ET	Metro	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

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 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000442091578	528000442091578	Maurus	922812	2006	Marmax RF	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000354587066	276000354587066	Maverick	822469	2011	Destry	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000074519610	840000074519610	Maverick P	508597	2016	Charisma	Montross	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000113420735	276000113420735	Mavez	632668	2001	Manat	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM00000250549	208004199601209	Mavid	674596	2006	Mascol ET	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM005500405201	250005500405201	Mawe	840669	2003	Magna	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000353515596	276000353515596	Mawell	473989	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000768659644	276000768659644	Mawis	917050	2005	Marmax RF	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001273219558	276001273219558	Max	802578	2002	Manat	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLCANM000102982717	124000102982717	Max Red	297909	2005	Marmax RF	Cliffhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000942579484	276000942579484	Maxdome	799976	2007	Maxwell II	Blauer	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLFRAM002916753353	250002916753353	Maxello	635983	2008	Maxwell II	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001303447097	276001303447097	Maxfield	804209	2008	Maxwell II	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355651076	276000355651076	Maxijob	832624	2012	Maxim	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000354049610	276000354049610	Maxim	261380	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	OHG	CD Gentest
01	HOLDEUM000579542645	276000579542645	Maxim	329954	2006	Merinit	Manat	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000662449063	276000662449063	Maxim	922625	2005	Marmax RF	Rainbow	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001273114089	276001273114089	Maxim	801711	1999	Manfred-ET	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354084949	276000354084949	Maximal	473990	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663463948	276000663463948	Maximal	636850	2009	Man-O-Man	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM00000256429	208003372306051	Maxime	680238	2013	Maximum	Time	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000579150742	276000579150742	Maximo	821301	2001	Manat	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000349946452	276000349946452	Maximo-Red	258115	2005	Marmax RF	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	OHG	CD Gentest
01	HOLDEUM000769509874	276000769509874	Maximum	678170	2010	Man-O-Man	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLCANM000007355176	124000007355176	Maximus	503796	2003	Champion	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000345230640	276000345230640	Maximus	810808	2000	Mount Earl	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000545851525	528000545851525	Maximus	148563	2009	Mac	Outside	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000814130665	276000814130665	Maxriver	765096	2008	Maxwell II	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLGBRM000000662813	826933006964607	Maxwel RDC	478101	2013	Mogul	Destry	H1N	H2N	H3N	H4N	H5P	CDN	MAR	CD Gentest
01	HOLDEUM000577991171	276000577991171	Maxxum	325224	1998	Megabuck	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000366157718	528000366157718	Mayar	143308	2003	Morty	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000360044850	276000360044850	Maybach	499099	2017	Missan	Lexington	H1F	H2N	H3F	H4F	H5P	CDN	Goepel	CD Gentest
02	HOLDEUM000535689681	276000535689681	Maydream	917305	2009	Malvoy	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLUSAM000051547592	840000051547592	Mayflower	671786	2003	Magna	Webster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666427821	276000666427821	Maynight	619090	2013	Mayfield	Planet	H1N	H2N	H3P	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000350389243	276000350389243	Mazari	804024	2005	Magical	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLGBRM000000652744	826382702505502	Mazda MR	832572	2011	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360215732	276000360215732	Mazio PP	833257	2017	Mission P	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000487575992	528000487575992	Mc Don	636663	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000359507571	528000359507571	Mc Drive	636297	2008	Mac	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000493174402	528000493174402	Mc Rav	636315	2008	Mac	Durham	H1N	H2P	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000101956786	124000101956786	McAdam	503828	2003	Champion	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534383133	276000534383133	McBain	144491	2005	Mr.Sam	Slogan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001603294735	276001603294735	McCoy	833015	2013	McCutchen	Atwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000745732507	528000745732507	McNamara	678536	2011	McCormick	Mascol ET	H1N	H2N	H3P	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000350122262	276000350122262	Mckinley	466692	2005	Modest	Lake	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115760457	276000115760457	Meaculpa	567476	2007	Modest	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662413210	276000662413210	Meadow	633774	2004	Morty	Zack	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000811051355	276000811051355	Mecano	830723	1998	Megabuck	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356458532	276000356458532	Mecky	823089	2013	Meridian	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000113294225	276000113294225	Medallion	565304	2002	Manat	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000115823867	276000115823867	Mediator	330685	2007	Manager ET	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580423961	276000580423961	Medici	673490	2005	Merinit	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356562856	276000356562856	Medico	263090	2013	Meridian	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000358388696	276000358388696	Medicus	154218	2015	Missouri	Picanto	H1F	H2N	H3F	H4F	H5P	CDF	VOST	CD Gentest
01	HOLDEUM000537836633	276000537836633	Medicus	796050	2013	Meridian	Spearmint	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000580593063	276000580593063	Medicus	811115	2006	Modest	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001021188845	276001021188845	Meding ET	394439	1992	Mascot	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344037834	276000344037834	Medino	810712	1999	Marty	Titan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000358774667	276000358774667	Medion	833150	2015	Missouri	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001501342829	276001501342829	Medon	811561	2015	Missouri	Galaxy	H1F	H2N	H3F	H4F	H5P	CDF	RBB	CD Gentest
01	HOLDEUM000343015241	276000343015241	Medor	139927	1998	Metro	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001302108379	276001302108379	Medox	802642	2004	Merdrignac	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351002734	276000351002734	Mega	822265	2007	Marbach	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578203367	276000578203367	Megalith	840386	1998	Megabuck	Vanguard	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401244793	276001401244793	Megalith	830567	1997	Megabuck	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580021568	276000580021568	Megall	672491	2004	September	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580097217	276000580097217	Megallino	802648	2004	September	Lee	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
02	HOLCANM000102977638	124000102977638	Megalon	926570	2005	Marmax RF	Faber	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342935654	276000342935654	Megan	840413	1998	Metro	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000536522892	276000536522892	Megastar	677779	2010	Mergim	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000932100469	276000932100469	Megbla	791680	1999	Megabuck	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLFRAM003798006054	250003798006054	Meglin	830798	1998	Metro	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400782782	276001400782782	Megos	830668	1998	Megabuck	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577944782	276000577944782	Mehmet	325515	1998	Megabuck	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349312572	276000349312572	Mehrin	822012	2004	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000120033478	276000120033478	Meido	568581	2010	Man-O-Man	Goldwin	H1N	H2N	H3P	H4N	H5N	CDP	RSH	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000356176699	276000356176699	Meilo	477852	2013	Meridian	Manifold	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000579323646	276000579323646	Meinhard	327506	2002	Manat	Demand	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344785106	276000344785106	Mekka	326225	1999	Mtoto	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401444234	276001401444234	Mekong	830984	2000	Megabuck	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247819	208001698201900	Melagro	328678	2003	Merdrignac	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661647117	276000661647117	Melano	821304	2001	Marshal ET	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666286206	276000666286206	Melbourne	619081	2013	Meridian	Elburn	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDNKM000000247426	208003372302169	Melby	671880	2003	Merdrignac	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662576892	276000662576892	Melchior	329619	2005	Manager ET	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001300849362	276001300849362	Melcome	564091	2000	Manfred-ET	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000295615107	528000295615107	Melindo	565710	2002	Magna	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579662195	276000579662195	Melkam	821431	2003	Morty	Tugolo	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534374097	276000534374097	Mellberg	822142	2005	Merinit	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001403977029	276001403977029	Mellek	832547	2010	Mergim	Baxter 2	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000469476970	528000469476970	Mellerud	822240	2007	Mascol ET	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001401276676	276001401276676	Mellin	830865	1999	Megalith	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403069213	276001403069213	Mellow	832017	2006	Marion	Best	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000128197776	840000128197776	Mellwood	821185	1999	Manfred-ET	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000769427919	276000769427919	Meloney	811357	2009	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDP	RBB	CD 96% Traegerwahrscheinlichkeit
02	HOLUSAM000065283054	840000065283054	Melrose	917217	2008	Malvoy	Salto RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000536351814	276000536351814	Melrot	332955	2010	Man-O-Man	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348447158	276000348447158	Melso	465767	2004	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM560989202462	826560989202462	Melview	619139	2015	Missouri	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000138610087	840000138610087	Melville	506008	2007	Pontiac	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115119174	276000115119174	Member	566647	2005	NOG Metz	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354215651	276000354215651	Memorial	473899	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120560435	276000120560435	Menard	477701	2013	Meridian	Snowman	H1N	H2N	H3P	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000813449519	276000813449519	Mendez	811139	2006	Mascol ET	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000662576867	276000662576867	Mendoza	811079	2005	Manager ET	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000537300484	276000537300484	Menelaos	334623	2012	Maxim	Buckeye	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000727981787	528000727981787	Menko	823176	2015	Missouri	Meridian	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000350081167	276000350081167	Menotti	144487	2006	Modest	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM003554772737	250003554772737	Menowin	811404	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM000111985797	276000111985797	Mensa	801675	1998	Mattie G	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001504213026	276001504213026	Mentix	823181	2015	Mr Max	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000347935817	276000347935817	Mentos	328220	2003	Monza	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001504281811	276001504281811	Mentos	823200	2016	Missouri	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000533421239	528000533421239	Menzel	148520	2009	Mr.Burns	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM00000254150	208004209702840	Meolo	568575	2009	Mac	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000358256094	276000358256094	Meran	823154	2014	Merandy	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000921224538	528000921224538	Meran	679993	2012	Meteor	Auckland	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLGBRM000000662201	826388380700235	Merandy	832859	2013	Meridian	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000122483975	276000122483975	Merano P	587548	2017	Mega Watt	Citation P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000114475155	276000114475155	Merbitz	566658	2004	Merv 2	Juote	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000256236	208006257704466	Merbitz	335305	2013	Meridian	Freddie	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000113649057	276000113649057	Merbold	565373	2002	Marshal ET	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343997374	276000343997374	Mercedes	458832	1999	Mtoto	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534600102	276000534600102	Merci	674416	2006	Merinit	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000252896	208004433403706	Merci	804211	2009	Mr.Burns	Freelanze	H1N	H2P	H3N	H4N	H5N	CDP	RA	CD 88% Traegerwahrscheinlichkeit
01	HOLFRAM008840785296	250008840785296	Mercur	831558	2003	Merchant 2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662733930	276000662733930	Mercury	811113	2006	Mascol ET	Eminenz	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666188940	276000666188940	Mercury	619076	2012	Mogul	Domain	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001401124631	276001401124631	Mercury	830881	1999	Megalith	Batman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357692804	276000357692804	Mercy	833089	2014	Merandy	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000348565591	276000348565591	Mergim	464701	2004	Merv 2	Storm	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000344798189	276000344798189	Mergus	821112	1999	Metro	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000122523964	276000122523964	Merian PP	833272	2017	Mission P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001503406837	276001503406837	Meribell	822152	2005	Merinit	Elwillo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000536786276	276000536786276	Meridian	149944	2010	Mergim	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401263570	276001401263570	Meridian	830983	2000	Megabuck	Rubytom ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062555651	840000062555651	Meridian	822150	2005	Merinit	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000356430492	276000356430492	Merimo	477507	2013	Meridian	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001501404018	276001501404018	Merindo	823093	2013	Meridian	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000112032104	276000112032104	Merinit	821153	1999	Mtoto	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000356430493	276000356430493	Merino	796030	2013	Meridian	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000356001144	276000356001144	Meristo	478107	2013	Meridian	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580401539	276000580401539	Meriva	822175	2006	Merinit	Leopard	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000256105	208003372305861	Merlin	804332	2013	Meridian	Time	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
01	HOLDEUM000356607878	276000356607878	Merlino	477778	2013	Meridian	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000379601499	528000379601499	Merlino	672199	2003	Merdrignac	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768453875	276000768453875	Merlo	464681	2004	Morty	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666975162	276000666975162	Merlo PP	499087	2016	Milford-P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLDEUM000356526493	276000356526493	Merlot	151573	2013	Meridian	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000662959430	276000662959430	Merlot	804135	2007	Marbach	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000892829639	528000892829639	Merlot	619001	2010	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000533067770	276000533067770	Merold	830854	1999	Metro	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348466525	276000348466525	Meron	840734	2004	Merv 2	Rasant	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000247487	208003233800902	Mertens	831524	2003	Merdrignac	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM004990217221	380004990217221	Mertes	822154	2005	Merinit	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001404867470	276001404867470	Meru	835157	2015	Missouri	Mogul	H1F	H2N	H3F	H4F	H5P	CDF	Goepel	CD Gentest
02	HOLDEUM000770598952	276000770598952	Meruno PP	811602	2017	Mission P	Capple P	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000438358630	528000438358630	Mesaro	329882	2005	Merinit	Simon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062704366	840000062704366	Mescaline	330018	2005	Magical	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350318075	276000350318075	Mescio	329877	2005	Magical	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401197514	276001401197514	Mesdan	830959	1999	Megabuck	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000336528232	528000336528232	Mesland	831727	2004	Marmax RF	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000258131	208003372306936	Messenger	571906	2015	Missouri	Bynke	H1F	H2N	H3F	H4F	H5P	CDF	RSH	CD Gentest
01	HOLITAM000903117055	380000903117055	Messias	668224	1998	Megabuck	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351002798	276000351002798	Mestax	330515	2006	Modest	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000532855660	528000532855660	Mesut	822405	2009	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM0004463851541	250004463851541	Met	840429	1998	Metro	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000578149646	276000578149646	Metabo	840393	1998	Metro	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001305311425	276001305311425	Metaxa	572940	2016	Missouri	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLCANM000102044244	124000102044244	Meteor	822030	2004	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000342953757	276000342953757	Meteor	254280	1998	Metro	Merrill	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000344645772	276000344645772	Meteor	830769	1998	Metro	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402795111	276001402795111	Metos	831844	2005	NOG Metz	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343099360	276000343099360	Metrik	840411	1998	Metro	Sunshine	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000191810932	528000191810932	Metrolis	668416	1998	Metro	Spencer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354114590	276000354114590	Metropolis	473824	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000418590902	528000418590902	Metternich	822114	2005	Magical	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500153989	276001500153989	Metty	832011	2007	SSW Metro	Kaddy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000249905	208002371401645	Metzelder	634521	2006	Magical	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348565592	276000348565592	Mexas	328905	2004	Merv 2	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000060537847	840000060537847	MexicanRed	297743	2003	Paradox	Shandy RC	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000353364263	276000353364263	Mexiko	927116	2010	Moonlight	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000346670936	276000346670936	Mezzo	463553	2003	Morty	Design	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534476929	276000534476929	Miadoro	811104	2006	Modest	Dante	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000353170666	276000353170666	Miami	261111	2010	Million	Roumare	H1N	H2P	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000348632094	276000348632094	Mibellus	466036	2005	Manager ET	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000353756709	276000353756709	Micado	261175	2010	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000815452742	276000815452742	Micana P	997158	2013	Mind P	Ruacana	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000892829622	528000892829622	Micat	832535	2010	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343627417	276000343627417	Michel	457767	1998	Maloy	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000471930123	528000471930123	Michel	822204	2006	Minister	Dustin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113640011	276000113640011	Michelau	565301	2002	Manat	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000661575581	276000661575581	Michelin	326942	2000	PM Magic	Valentein	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000101432004	124000101432004	Michigan	926413	2003	Majesty	Steven	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350318050	276000350318050	Michigan	145509	2006	More	Allen	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356333354	276000356333354	Michigan	804320	2012	Mixer	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLIRLM261014190456	372261014190456	Mickeymac	832558	2010	Million	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000533383597	528000533383597	Mico	149916	2009	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001303001841	276001303001841	Micola	804090	2006	Minister	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1	HH2	HH3	HH4	HH5	CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000349339600	276000349339600	Micoud	328976	2004	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354617687	276000354617687	Micron PP	333794	2011	Mitey P	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000767671264	276000767671264	Midall	669458	1999	Mirage	Designer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001501416645	276001501416645	Midas	823112	2013	Model	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000117008255	276000117008255	Midgard	568578	2010	Mickey	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355688286	276000355688286	Midlum	151552	2012	Mogul	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	VOST	CD Gentest
01	HOLDEUM000579406687	276000579406687	Midnight	632737	2002	Magnum	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001082384628	276001082384628	Midnight	259500	2007	Marbach	Juote	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLUSAM000136338406	840000136338406	Midnight	297860	2005	Talent2	Uncle Sam	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000499644723	528000499644723	Midori	832490	2010	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114706588	276000114706588	Midwoud	565941	2004	Morty	Luxemburg	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000897770488	528000897770488	Migator	832450	2009	Million	Shottle	H1N	H2P	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000355697706	276000355697706	Migend	766900	2012	Mixer	Legend	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLUSAM000060728500	840000060728500	Mighty	916563	2002	Mickey rf	Emery	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000667098822	276000667098822	Migion P	768404	2017	Mission P	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000892829576	528000892829576	Mignon	841020	2010	Mickey	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000814567327	276000814567327	Migol	766002	2010	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000352635589	276000352635589	Miguel	261101	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353636091	276000353636091	Mijan	811372	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345949265	276000345949265	Mika	460462	2001	Mtoto	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353178310	276000353178310	Mika	332857	2010	Mickey	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579017286	276000579017286	Mika	810810	2000	Mount Earl	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115097335	276000115097335	Mikado	144448	2005	Manager ET	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000577964718	276000577964718	Mikado	668299	1998	Cmv Mica	Mascot	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDNKM000000248304	208002667901651	Mikado	802631	2004	Morty	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000539391988	276000539391988	Mikado PP	833178	2016	Milford-P	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFINM000000095782	246000010425746	Mikael	473900	2010	Million	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500520383	276001500520383	Mike	821114	1999	Marty	Broker	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000103342791	124000103342791	Mike II	503903	2005	Titanic	Morty	H1P	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000355681255	276000355681255	Mikkel	832628	2013	Mixer	Super	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000666321952	276000666321952	Miklas	477741	2013	Meridian	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001263544264	276001263544264	Miko	811610	2017	Milord	Mr Max	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001404580553	276001404580553	Mikolai	833111	2015	Mikkel	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000348826028	276000348826028	Mikosch	466689	2005	Modest	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602727789	276001602727789	Milagro	841010	2009	Mickey	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000358633551	276000358633551	Milano	264282	2015	Missouri	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000416055157	276000416055157	Milanos	469076	2007	More	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000354600236	276000354600236	Milberg	476559	2011	Mitey P	Starfire	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLNLDM000534082974	528000534082974	Milco	474158	2010	Million	O-Man	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353538205	276000353538205	Miledo	473389	2009	Million	Fortune3	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000416071526	276000416071526	Milenko	832580	2011	Million	Shottle	H1N	H2P	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000539701761	276000539701761	Milesio PP	768402	2017	Mission P	Missouri	H1F	H2N	H3F	H4F	H5N	CDN	RBW	
02	HOLNLDM000876749823	528000876749823	Milik RedP	833091	2014	Cyrus-P	Jerudo	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001500977776	276001500977776	Miliz	822395	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000534054125	276000534054125	Milkaro	597127	2003	Marcel red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000543312138	528000543312138	Milkyway	917413	2011	Mitey P	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLNLDM000545961413	528000545961413	Milland	637088	2010	Million	Sharky	H1N	H2P	H3N	H4N	H5N	CDN	Qnetics	
01	HOLFRAM005112412287	250005112412287	Millennium	821119	1999	Mtoto	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLCANM000103473226	124000103473226	Miller Red	297908	2006	Salto RF	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001403423382	276001403423382	Millet	832518	2010	Million	O-Man	H1N	H2P	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000538569161	528000538569161	Millgold	840999	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000353736299	276000353736299	Millidan	841014	2010	Million	Laudan	H1N	H2P	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001272427123	276001272427123	Millow PP	833230	2016	Millford-P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000663523969	276000663523969	Millton	841001	2009	Million	Bolton	H1N	H2P	H3N	H4N	H5N	CDN	LTR	
01	HOLCHEM120091915365	756120091915365	Milor	832592	2011	Demello	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000358174839	276000358174839	Milord	264353	2015	Missouri	Headliner	H1F	H2N	H3F	H4F	H5P	CDF	OHG	CD Gentest
01	HOLDEUM000356458544	276000356458544	Milos	811485	2013	Meridian	Man-O-Man	H1N	H2N	H3N	H4P	H5P	CDN	RBB	
01	HOLNLDM000527310015	528000527310015	Milow	832511	2010	Million	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348798556	276000348798556	Milramo	466023	2005	Manager ET	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM00066809299	27600066809299	Milster P	619153	2016	Millford-P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000358110833	276000358110833	Milton	264121	2015	Missouri	Snowflake	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000814463920	276000814463920	Milwin	765644	2009	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDP	RBW	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000346801017	276000346801017	Mimo	463857	2003	Morty	Metro	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344780700	276000344780700	Minardi	326841	1999	Mtoto	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017500122470	380017500122470	Minardi	810891	2002	Manat	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352930247	276000352930247	Minaris	332812	2009	Mac	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536822008	276000536822008	Mind P	917382	2010	Mitey P	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000360138853	276000360138853	Mindmap P	917603	2017	Mission P	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000770544819	276000770544819	MinecraftP	684686	2017	Mission P	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000816120177	276000816120177	Minelli	823168	2015	Missouri	Numero Uno	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001603800081	276001603800081	Mineral PP	619164	2016	Millford-P	Balisto	H1C	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000447414585	528000447414585	Mineur	145511	2006	Modest	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLBELM000116890227	056000116890227	Mingus	821410	2003	Magna	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344997768	276000344997768	Minister	140027	1999	Mtoto	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001501002709	276001501002709	Mink	822411	2009	Mr.Burns	Laudan	H1N	H2P	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000356841564	276000356841564	Minor	823107	2013	Meridian	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000113786936	276000113786936	Minorit	565377	2002	Muschio	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350840104	276000350840104	Minos	331041	2006	Mascal ET	Serono	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000121814244	276000121814244	Minosch	833127	2015	Missouri	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001602166081	276001602166081	Minou	840817	2006	Minister	Tanker	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000939580307	276000939580307	Minstar	794740	2005	Minister	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLDEUM000579136869	276000579136869	Minzo	821221	2000	PM Magic	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000752635059	528000752635059	Minzo PPRF	679452	2011	Mitey P	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
02	HOLDEUM000814915769	276000814915769	Mipoll P	996792	2011	Mitey P	Lypoll P	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLUSAM000141623658	840000141623658	Miquel	507033	2011	Freddie	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000539593388	276000539593388	Mir PP RDC	684672	2016	Millford-P	Gain	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000357773558	276000357773558	Mirabo	833125	2015	Missouri	Bedford	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000074146947	840000074146947	Miracel	508043	2015	Monterey	Sterling	H1N	H2N	H3N	H4N	H5P	CDF	RSH	CD Gentest
01	HOLDEUM000535968975	276000535968975	Miracle	677309	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351002741	276000351002741	Miraculix	469441	2007	Marbach	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000543462820	528000543462820	Mirador P	811392	2010	Mitey P	Win 395	H1N	H2N	H3N	H4N	H5N	CDC	RBB	CD Gentest
01	HOLDEUM000661152880	276000661152880	Mirak	830802	1998	Mattie G	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000198354825	442000198354825	Miramar	328047	2003	Morty	Danon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344051290	276000344051290	Mirando	459582	2000	Mount Earl	Lieutenant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359920644	276000359920644	Mirando P	156588	2017	Mission P	Commander	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000349002237	276000349002237	Mirano	143352	2003	Morty	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000359518546	276000359518546	Mirax P	833204	2016	Millford-P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000667085299	276000667085299	Mirco P	768602	2017	Mission P	Debutant	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000345681160	276000345681160	Mirko	460470	2000	Mtoto	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000650228	826915032950791	Mirnes	832565	2010	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000349462588	276000349462588	Miro	144470	2005	Minister	Storm	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000355025770	276000355025770	Miro PP	262210	2011	Mitey P	Dieter P	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000522667598	528000522667598	Mirok	832311	2008	MrMinister	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 91% Traegerwahrscheinlichkeit
01	HOLDEUM000662576859	276000662576859	Miroslav	634503	2005	Marmax RF	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM008840785322	250008840785322	Mirror	822037	2004	Merchant 2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000360385560	276000360385560	Mirror P	265275	2017	Mission P	Silver	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000349766438	276000349766438	Mirto	144459	2005	Minister	Esar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000816054986	276000816054986	Misha	768000	2015	Missouri	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000816120252	276000816120252	Misino	768006	2016	Missouri	Snowmaster	H1F	H2N	H3F	H4F	H5P	CDF	RBW	CD Gentest
01	HOLDEUM000358162492	276000358162492	Missan	833121	2015	Missouri	McCutchen	H1F	H2N	H3F	H4F	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000344364411	276000344364411	Mission	459211	2000	Mtoto	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000138261050	840000138261050	Mission 2	506007	2006	Toystory	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000770248602	276000770248602	Mission P	682286	2015	Missouri	Asterix	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000951596705	276000951596705	Missmarple	797120	2017	Mission P	Kingpin	H1F	H2N	H3F	H4F	H5N	CDF	BNV	CD Gentest
01	HOLDEUM000666762000	276000666762000	Missmeri	768001	2015	Missouri	Meridian	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000360068965	276000360068965	Missoni P	833255	2017	Missan	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001302056097	276001302056097	Mister	802585	2003	Mr.Ships	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000358822536	528000358822536	Mister II	143307	2003	Mr.Ships	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000360024019	276000360024019	Mister P	265270	2017	Mission P	Silver	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000121523563	276000121523563	Mister X	833117	2015	Missouri	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000357865016	276000357865016	Mistery	833101	2015	Mardi Gras	Suran	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001273114172	276001273114172	Mistral	564084	2000	Manfred-ET	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000719870530	528000719870530	Mitar PP	832553	2010	Mitey P	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000750760809	528000750760809	Mitch	264670	2016	Milford-P	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLUSAM000135000032	840000135000032	Mitchell 2	505584	2003	Dane	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350487750	276000350487750	Mitko	468188	2006	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000940051924	528000940051924	Mix PP RDC	684687	2017	Mission P	Star	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000360001299	276000360001299	Mix-Red PP	265393	2017	Mission P	Apoll P	H1F	H2N	H3F	H4F	H5N	CDP	OHG	CD Gentest
01	HOLAUTM000939641622	040000939641622	Mixa	796780	2015	Missouri	Xiras	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM001501680161	276001501680161	Mixco	477508	2013	Mixer	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001600980004	276001600980004	Moar ET	840524	2000	Mtoto	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351002730	276000351002730	Mobach	469533	2007	Marbach	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580539441	276000580539441	Mobert	764063	2005	Modest	Laibert	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579643743	276000579643743	Mobil	633140	2003	Moiuel	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000811359950	276000811359950	Moblack	761516	2000	Mtoto	Black	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000816321754	276000816321754	Moboss	768003	2016	Modeco	Boss	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000440899228	528000440899228	Moby Dick	634795	2005	Modest	Steven	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000768768360	276000768768360	Mocarl	468123	2005	Modest	Rubens RF	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000662411028	276000662411028	Mocash	763299	2004	Morty	Cash	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000769870810	276000769870810	Mocca	796040	2013	Mogul	Super	H1N	H2N	H3N	H4N	H5P	CDF	Greifenb	CD Gentest
01	HOLDEUM002240629606	276002240629606	Mocca	820350	1995	Merrill	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000011591506	124000011591506	Moccasin	823086	2012	Mogul	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000578453149	276000578453149	Mock	669203	1999	Mtoto	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350264631	276000350264631	Mocko	764212	2006	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000769953813	276000769953813	Mocoon	823099	2013	Morgan	Snowman	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLNLDM000358039965	528000358039965	Modal	831878	2005	Modest	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537625499	276000537625499	Modalis	479001	2013	Model	Atwood	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000250815	208004433402670	Modanic	635165	2006	Modest	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 86% Traegerwahrscheinlichkeit
01	HOLLUXM000398612341	442000398612341	Modavo	822174	2006	Modest	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000815602946	276000815602946	Modeco	767220	2014	Model	Beacon	H1N	H2N	H3N	H4N	H5P	CDF	RBW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLCANM000103505236	124000103505236	Modelino	822170	2005	Modest	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349411008	276000349411008	Modell	143342	2004	Morty	Durham	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402398370	276001402398370	Modell	831568	2004	Morty	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000256829	208002371402609	Modelman	767222	2013	Model	Snowman	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLDEUM000349992562	276000349992562	Modem	144493	2005	Modest	James	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000353228993	276000353228993	Modem	333100	2009	Mickey	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001300509719	276001300509719	Modem	669697	2000	Mtoto	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349992578	276000349992578	Modemas	634667	2005	Modest	James	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000356230573	276000356230573	Modena	262898	2012	Mogul	Digger	H1N	H2N	H3N	H4N	H5N	CDC	OHG	CD Gentest
01	HOLCANM000007444118	124000007444118	Modeno	503894	2005	Modest	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000768768395	276000768768395	Modens	764016	2006	Modest	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402795470	276001402795470	Moderator	831909	2006	Modest	Decision	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580542089	276000580542089	Modern Art	674017	2005	Modest	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000247559	208004109203101	Modest	802622	2003	Morty	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349914820	276000349914820	Modesto	258414	2005	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000816321752	276000816321752	Modestus	768004	2016	Modeco	Boss	H1F	H2N	H3F	H4F	H5P	CDN	RBW	CD Gentest
01	HOLDEUM000662613228	276000662613228	Modify	674100	2005	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000539885067	276000539885067	Modul PP	917601	2017	Mission P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLNLDM000354210890	528000354210890	Modus	802621	2003	Morty	Encore	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000368104242	528000368104242	Modus	831638	2004	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDNKM00000043961	208003244501250	Moent	297314	1992	Pigeonwood	Hj Kren	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000379423189	528000379423189	Moerike	565937	2003	Morty	Lucky Leo	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000767764427	276000767764427	Moewe	669429	1999	Mtoto	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768733896	276000768733896	Mofett	567415	2005	Modest	Magna	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000348827922	276000348827922	Mofried	465661	2005	Morty	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000342360798	276000342360798	Mogal	458645	1998	Magic	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114196440	276000114196440	Mogambo	565797	2003	Morty	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355920503	276000355920503	Mogan	680109	2012	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001603025467	276001603025467	Mogdi	796020	2012	Mogul	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	CD Gentest
01	HOLDEUM000349131081	276000349131081	Mogli	257210	2003	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000769717154	276000769717154	Mogly	679587	2012	Monitor	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000349455930	276000349455930	Mogul	257475	2004	Morty	Igale Masc	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000755218776	528000755218776	Moha	833305	2017	Modesty	Silver	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLBELM000465656589	056000465656589	Mohair	673862	2005	Mock	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000250113	208003424202003	Mohanson	831941	2006	Modest	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000870159071	528000870159071	Mohn	151550	2012	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000343230822	276000343230822	Moin	325379	1998	Metro	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000364964471	528000364964471	Mojares	671970	2003	Morty	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM00007444114	124000007444114	Mojo II	503902	2005	Modest	Manat	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLLUXM000499171168	442000499171168	Mokabi	804323	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000350872350	276000350872350	Mokardo	469255	2006	Modest	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534420921	276000534420921	Mokassin	329876	2005	Merinit	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000811809263	276000811809263	Mokat	761930	2000	Mtoto	Maikater	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000112771403	276000112771403	Mokett	564082	2000	Mtoto	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000534360415	276000534360415	Moktahri	822146	2005	Mock	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000250112	208003372302937	Moldan	831915	2005	Modest	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115348098	276000115348098	Moldiano	567433	2006	Modest	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350315153	276000350315153	Moldor	468182	2006	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812591487	276000812591487	Molee	762900	2003	Morty	Lee	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580694213	276000580694213	Molfo	567445	2006	Mascol ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000436076329	528000436076329	Moliere	674226	2005	Modest	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000767081267	528000767081267	Molik	832855	2013	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000345267702	276000345267702	Molinari	326562	2000	Mitoto	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113270501	276000113270501	Molinas	327404	2001	Marshal ET	Brock	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350298895	276000350298895	Molino	468035	2006	Modest	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348331438	276000348331438	Molitor	464513	2004	Morty	Charles ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000948156289	528000948156289	Moll	823063	2012	Mogul	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000578900487	276000578900487	Mollar	915330	2000	Momentman	Dollar	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000950319939	276000950319939	Molly	796500	2015	Modena	Suran	H1F	H2N	H3F	H4F	H5N	CDF	BVN	CD Gentest
01	HOLDEUM000349414965	276000349414965	Molnar	831699	2004	Morty	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666188939	276000666188939	Molotov	334965	2012	Mogul	Domain	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000580047401	276000580047401	Molto	144407	2004	Morty	Lukas	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000767082051	528000767082051	Mombert	832631	2012	Mogul	Jeeves	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990375811	380019990375811	Moment	822215	2006	Modest	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 76% Traegerwahrscheinlichkeit
01	HOLUSAM000137834277	840000137834277	Momentum	505955	2006	Stormatic	Starleader	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000349086413	276000349086413	Momo	256998	2003	Mr.Ships	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLITAM017991217225	380017991217225	Momo-Red	151558	2013	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 95% Traegerwahrscheinlichkeit
01	HOLDEUM000536003864	276000536003864	Mompa	568569	2009	Mickey	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000137563140	840000137563140	Mon Cheri	674228	2006	Modest	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000062433986	840000062433986	Mon Royal	673868	2005	Modest	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349015750	276000349015750	Monaco	257200	2003	Morty	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001401929540	276001401929540	Monaco	831372	2002	Monza	Chesapeake	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000129994389	528000129994389	Monaco	297388	1995	Marty	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000071181728	840000071181728	Monaco	507237	2012	Número Uno	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000930072939	528000930072939	Monaco MR	477779	2013	Snowmaster	Planet	H1N	H2N	H3P	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000350318049	276000350318049	Monal	330517	2006	More	Allen	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579144906	276000579144906	Monami	670016	2000	Mtoto	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349069082	276000349069082	Monarch	142280	2003	Morty	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000357607976	276000357607976	Monarch	154207	2015	Mardi Gras	Sargeant	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001401837441	276001401837441	Monarch	831369	2002	Monza	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUTM000089847207	04000089847207	Monat	762940	2003	Morty	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000539538614	276000539538614	Moncur PP	619176	2017	Mission P	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000348941242	276000348941242	Mondal	468175	2006	Modest	Allen	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265207650	276001265207650	Mondavi	811266	2008	Manassa	Titanic	H1P	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350169015	276000350169015	Monday	674030	2005	Modest	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000358860638	276000358860638	Monday	264760	2016	Modeco	Boss	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDNKM000000247822	208002667901647	Mondego	672150	2003	Morty	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M003129809073	840003129809073	Mondeo	507943	2015	Montross	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLCANM00009221697	12400009221697	Mondial	297610	2000	Monet Red	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000769225115	276000769225115	Mondial	753380	2008	Mr.Burns	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000348476496	276000348476496	Mondlicht	466093	2004	Morty	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349114847	276000349114847	Mondo	257397	2004	Morty	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000769308607	276000769308607	Mondragon	917309	2009	Moonlight	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580603213	276000580603213	Monea	674040	2005	Mock	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000105954878	124000105954878	Monet	822389	2009	Million	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000348164430	276000348164430	Monetas	463326	2003	Morty	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000101078274	124000101078274	Money	671976	2003	Morty	Inquirer	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402375881	276001402375881	Money	831656	2004	Morty	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000072436862	840000072436862	Money P	507509	2013	Cashmoney	Shottbolt	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLNLDM000895405773	528000895405773	Money maker	832491	2010	Mac	Titanic	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalIID	Name name	HB-Nr. herd.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000662652169	276000662652169	Moneyman	634945	2006	Modest	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 50% Traegerwahrscheinlichkeit
01	HOLDEUM000537412443	276000537412443	Mongole	680110	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001402095704	276001402095704	Monitor	831380	2002	Monza	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000543787792	528000543787792	Monitor	149907	2010	Man-O-Man	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350563547	276000350563547	Monjas	468178	2006	More	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348565566	276000348565566	Monk	566636	2004	Merv 2	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534476928	276000534476928	Monk	804038	2006	Modest	Dante	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLD000370836225	528000370836225	Monkey	821455	2003	Morty	Jesther	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001401938867	276001401938867	Monkey	831373	2002	Monza	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537889945	276000537889945	Mono P RDC	680243	2013	Mogul	Mitey P	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000534790740	276000534790740	Monogram	675450	2007	Monami	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356333303	276000356333303	Monokel	823082	2013	Mogul	Bronco	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000121688312	276000121688312	Monolit	823150	2014	Michigan	Epic	H1F	H2N	H3F	H4F	H5P	CDF	RA	CD Gentest
01	HOLDEUM000661473568	276000661473568	Monolith	830977	2000	Mtoto	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350692766	276000350692766	Monolito	468813	2006	Modest	Allen	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662576882	276000662576882	Monolog	822135	2005	Manager ET	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM00000250200	208002371401662	Monolog	840811	2006	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347023445	276000347023445	Monopol	831064	2000	Mount Earl	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303151929	276001303151929	Monopoli	804150	2007	Mascol ET	Sosa 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580385820	276000580385820	Monopoly	673950	2005	Mock	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538101922	276000538101922	Monopoly P	499023	2013	Mogul	Mitey P	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM001501192456	276001501192456	Monreal	473821	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLD000421891438	528000421891438	Monroso	634500	2006	Magical	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLD000571956755	528000571956755	Monroy	833180	2016	Monterey	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFRAM002941264653	250002941264653	Monsal	831385	2002	Monluel	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401973328	276001401973328	Monsieur	831403	2002	Monza	Decision	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000664079998	276000664079998	Mont Blanc	637271	2010	Man-O-Man	F B I	H1N	H2N	H3P	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000355907088	276000355907088	Montado	477172	2012	Monreal	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350692764	276000350692764	Montafon	468812	2006	Modest	Allen	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666147142	276000666147142	Montafon P	619051	2011	Montana r	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000812591488	276000812591488	Montag	802611	2003	Morty	Lee	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000578998371	276000578998371	Montagne	669753	2000	Mount Earl	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350263634	276000350263634	Montan	145507	2005	Minister	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLD000385608437	528000385608437	Montan	831597	2003	Morty	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578686834	276000578686834	Montanar	915387	2000	Monet Red	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000738606651	528000738606651	Montano	811391	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000353744822	276000353744822	Montari	473715	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000751812240	528000751812240	Montaro	833145	2015	Montross	Numero Uno	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001401822887	276001401822887	Montblanc	831374	2002	Monza	Fred 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538784277	276000538784277	Monte	154233	2015	Missouri	Shotglass	H1F	H2N	H3F	H4F	H5P	CDF	VOST	CD Gentest
01	HOLDEUM001301761234	276001301761234	Monte	802558	2002	Mtoto	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOL840M003014562096	840003014562096	Montecarlo	811553	2015	Silver	AltaOak	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000579967554	276000579967554	Montego	257205	2003	Morty	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000662411030	276000662411030	Montego	633897	2004	Morty	Cash	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000350660523	276000350660523	Montenegro	468290	2006	Modest	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001266869035	276001266869035	Montero	811461	2012	Maximum	Stylist	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLNLD000489811773	528000489811773	Montero	822267	2007	Marbach	Major	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348996930	276000348996930	Monteso	466687	2005	Modest	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403759253	276001403759253	Montesol	832477	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401467725	276001401467725	Montess	632844	2002	Monza	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOL840M003138817693	840003138817693	Montgomery	508476	2016	Modesty	Kingboy	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000134572709	840000134572709	Montgomery	328412	2003	Morty	Decision	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061898414	840000061898414	Monti	505817	2005	Manager ET	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534924859	276000534924859	Montini	675269	2007	Monami	Lheros	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM002930982461	250002930982461	Montour	831585	2003	Morty	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017500122448	380017500122448	Montoya	810883	2001	Marshal ET	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000664065444	276000664065444	Montreal	637273	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000343766096	276000343766096	Monty	458242	1999	Manfred-ET	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000967701907	528000967701907	Monty	156587	2017	Montana	Pure	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLCANM000011591482	124000011591482	Monument	823050	2012	Mogul	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000344401408	276000344401408	Monument	458768	1999	Marty	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003126775059	840003126775059	Monza	823157	2015	Mardi Gras	Lexor	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000358175091	276000358175091	Monza	264530	2016	Modeco	Boom	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLFRAM005996002810	250005996002810	Monza	504703	1996	Luke	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000728211313	528000728211313	Monzard	833157	2015	Monterey	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000347684252	276000347684252	Moon	142300	2003	Morty	Gelpro	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000768169794	276000768169794	Moonlight	671715	2003	Morty	Lukas	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000490674264	528000490674264	Moonraker	917324	2009	Moonlight	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579973548	276000579973548	Moonstar	633427	2003	Morty	Zack	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534600101	276000534600101	Moonwalk	674420	2006	Modest	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000815450401	276000815450401	Moor	766971	2013	Mogul	Gavor	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLCANM000007677392	124000007677392	Moore	822131	2005	Magical	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350810845	276000350810845	Moorgeist	468517	2006	Modest	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113990393	276000113990393	Moorstar	565924	2003	Morty	James	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348692969	276000348692969	Moptas	465112	2004	Morty	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348404855	276000348404855	Mopus	465402	2005	Morty	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000974543205	276000974543205	Moral	840832	2006	Mascol ET	Glory Box	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000355058880	528000355058880	Morald	762627	2003	Morty	Herald	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348692976	276000348692976	Moralf	465102	2004	Morty	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000380990492	528000380990492	Moralist	831611	2004	Morty	Lukas	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580401513	276000580401513	Morandal	634794	2005	Modest	Magna	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000538528596	276000538528596	Morano	811543	2014	Modena	Picanto	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000349397212	276000349397212	Morant	831550	2004	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601696549	276001601696549	Moranto	840683	2003	Morty	Manfred-ET	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000812591471	276000812591471	Morbes	762885	2003	Morty	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000248188	208003097401645	Morbes	831605	2004	Morty	Lord Lily	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345986319	276000345986319	Morbit	461091	2001	Morris	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813449550	276000813449550	Mord	764889	2006	Modest	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000111938660	276000111938660	Mordi	563047	1998	Manfred-ET	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348082502	276000348082502	Mordio	463555	2003	Morty	Zack	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLAUTM000945950472	040000945950472	Mordock	831565	2003	Morty	Downson	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349575162	276000349575162	Mordolph	763277	2004	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662733916	276000662733916	More Time	634796	2006	Modest	Finley	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349107501	276000349107501	Moreau	672209	2004	Morty	Apoll	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM017500283284	380017500283284	Moredan	633408	2003	Morty	Arpagone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000533933299	276000533933299	Morell	831579	2003	Morty	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344956122	276000344956122	Morello	325666	1999	Marty	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769870825	276000769870825	Morello	680227	2013	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000344788192	276000344788192	Moremi	326597	1999	Mtoto	Bob	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000134541118	840000134541118	Morendy	671599	2003	Morty	Terry	H1P	H2N	H3N	H4N	H5N	CDN	RUW	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000349296935	276000349296935	Moreno	257161	2003	Morty	Gelpro	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001500155382	276001500155382	Moretti	811121	2006	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 80% Traegerwahrscheinlichkeit
01	HOLDEUM000114196444	276000114196444	Morgan	671662	2003	Morty	Novalis	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000121014006	276000121014006	Morgan	804322	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD Gentest
01	HOLCANM000103506687	124000103506687	Morgentau	822172	2006	More	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113989028	276000113989028	Morgon	565923	2003	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000007355172	124000007355172	Morgone	916660	2003	Paradox	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000362231722	276001402266204	Mori	831556	2003	Morty	Novalis	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402173979	276001402173979	Morian	831497	2003	Morty	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539846521	276000539846521	Morice P	768601	2017	Mission P	Commander	H1F	H2N	H3F	H4F	H5N	CDP	RBW	CD Gentest
01	HOLDEUM001302654885	276001302654885	Morin	804014	2005	Modest	Ramses	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM002215667018	250002215667018	Morini	840993	2009	Mickey	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD Gentest
01	HOLDEUM001402266204	276001402266204	Morino	831471	2003	Morty	Heldostar	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348941243	276000348941243	Moristo	468504	2006	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358561143	276000358561143	Moritz PP	499074	2016	Milford-P	Mitar PP	H1F	H2N	H3F	H4F	H5P	CDP	Goepel	CD Gentest
01	HOLDEUM000120960369	276000120960369	Morius	570440	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000114748904	276000114748904	Morlan	565946	2004	Morty	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113996096	276000113996096	Morlee	821476	2003	Morty	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346840814	276000346840814	Morlin	464452	2004	Morty	Starleader	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113640010	276000113640010	Morling	565302	2002	Manat	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579888344	276000579888344	Morlo	672701	2004	Morty	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812645446	276000812645446	Mormat	763133	2003	Morty	Mattie G	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000378625791	528000378625791	Mormone	831681	2004	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349159834	276000349159834	Morness	821488	2004	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347839905	276000347839905	Morning	802614	2003	Morty	Gibbon	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402398362	276001402398362	Moros	831606	2004	Morty	Durham	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000391444900	528000391444900	Moros	465116	2004	Morty	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000210476234	056000210476234	Morris	917362	2010	Fidelity	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLDEUM000662151673	276000662151673	Morris	633569	2003	Morty	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000953362740	276000953362740	Morrison	619183	2017	Modesty	Supershot	H1F	H2N	H3F	H4F	H5N	CDP	Qnetics	CD Gentest
01	HOLDEUM001500682519	276001500682519	Morrison	821331	2002	Manat	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000351845651	528000351845651	Morteck	464526	2003	Morty	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349086399	276000349086399	Morten	802591	2003	Mr.Ships	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000661416462	276000661416462	Morten	326435	1999	Mtoto	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348692999	276000348692999	Morteno	465403	2005	Morty	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000121740662	276000121740662	Mortimer	823153	2014	Magicday	Número Uno	H1F	H2N	H3F	H4F	H5N	CDP	RA	CD Gentest
01	HOLDEUM000347903609	276000347903609	Morton	831498	2003	Morty	Dracula	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000662814	82693300662814	Morton RDC	478102	2013	Mascalese	Destry	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000662151658	276000662151658	Mortus	840660	2003	Morty	Storm	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000534465991	276000534465991	Morus	822178	2006	Modest	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662119291	276000662119291	Morut	763174	2003	Morty	Mount Earl	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000348261794	276000348261794	Morven	821464	2003	Morty	Lee	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349510170	276000349510170	Morvinc	763236	2004	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLSWEU0004351127136	752004351127136	Morwick	831549	2003	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000525455376	528000525455376	Mosaik	149903	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000345515611	276000345515611	Mosambik	564066	2000	Mtoto	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLITAM017500273529	380017500273529	Mosano	840661	2003	Morty	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000531740637	528000531740637	Mosanto	832466	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579833634	276000579833634	Moses	802608	2003	Morty	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000071277714	840000071277714	Moses-Red	298163	2012	Destry	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest

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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001403836817	276001403836817	Mosge	822401	2009	Moscow	Emil	H1N	H2N	H3N	H4N	H5N	CDF RA		CD Gentest
01	HOLDEUM000533730837	276000533730837	Moskito	831484	2003	Morty	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000116830034	276000116830034	Mosling	568573	2009	Maxwell II	September	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLNLD000355164947	528000355164947	Mostar	831570	2003	Morty	Manat	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLNLD000532427096	528000532427096	Motalo	822409	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLNLD000359468254	528000359468254	Mothos	840691	2003	Morty	Encore	H1P	H2N	H3N	H4N	H5N	CDN LTR		
01	HOLDEUM000354980740	276000354980740	Motion	262202	2011	Mowambo	Shottle	H1N	H2N	H3N	H4N	H5N	CDF OHG		CD Gentest
01	HOLUSAM000137666115	840000137666115	Motion	674380	2006	Modest	Garter	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000348226086	276000348226086	Motisso	464103	2003	Morty	Bips ET	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM000534476934	276000534476934	Motorcar	674224	2006	Modest	Glory Box	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOL840M003127565619	840003127565619	Motown	508329	2016	Modesty	Tatum	H1N	H2N	H3N	H4N	H5N	CDF MAR		CD Gentest
01	HOLDEUM000579801115	276000579801115	Motto	802606	2003	Morty	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM000344583391	276000344583391	Motto ET	840475	1999	Mtoto	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN LTR		
01	HOLNLD000685695568	528000685695568	Motto PP	573003	2017	Mission P	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF RSH		CD Gentest
01	HOLNLD000127678164	528000127678164	Mount	666624	1995	Mountain	Melwood	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLNLD000880346210	528000880346210	Mouny	680116	2013	Mogul	Gibor	H1N	H2N	H3N	H4N	H5N	CDF RUW		CD Gentest
01	HOLDEUM000113786962	276000113786962	Mourice	565528	2002	Magna	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN RSH		
01	HOLDEUM000350263610	276000350263610	Mourinho	822173	2005	Minister	Esar	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM001502037822	276001502037822	Mouster	821234	2000	Mtoto	Raider	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLUSAM000061757677	840000061757677	Movido	673732	2005	Modest	Garter	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000355600702	276000355600702	Movie	262939	2012	Mogul	Snowman	H1N	H2N	H3P	H4N	H5N	CDF OHG		CD Gentest
01	HOLDEUM000578602592	276000578602592	Movie	669454	1999	Mtoto	Marconi	H1N	H2N	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000348109602	276000348109602	Moviestar	465097	2004	Morty	Triple	H1P	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLNLD000526586963	528000526586963	Mowambo	472462	2009	Moscow	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF MAR		CD Gentest
01	HOLBELM000357694744	056000357694744	Mowgli	681816	2014	Mogul	Altalota	H1N	H2N	H3N	H4N	H5N	CDN AWE/RUW		
01	HOLDEUM000356159787	276000356159787	Mox	335142	2013	Mogul	Bowser	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLDEUM001503800801	276001503800801	Moya	822195	2006	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDN RA		
01	HOLDEUM000355988713	276000355988713	Mozarella	334964	2012	Mogul	Destry	H1N	H2N	H3N	H4N	H5N	CDF MAR		CD Gentest
01	HOLAUTM000231683572	040000231683572	Mozart	831529	2003	Morty	Durham	H1N	H2N	H3N	H4N	H5N	CDN MAR		
01	HOLCANM000102618631	124000102618631	Mozart	503842	2004	Freelanze	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN LTR		
01	HOLDEUM000579613800	276000579613800	Mozart	143305	2003	Morty	Lasso	H1N	H2N	H3N	H4N	H5N	CDN VOST		
01	HOLNLD000362231412	528000362231412	Mozial	463761	2003	Morty	Novalis	H1N	H2N	H3N	H4N	H5N	CDN MAR		
02	HOLDEUM000535666379	276000535666379	Mr Alico	917294	2008	Mr.Burns	Stadel	H1N	H2P	H3N	H4N	H5N	CDP RUW		CD 76% Traegerwahrscheinlichkeit
02	HOLDEUM000535683797	276000535683797	Mr Angelo	917322	2009	Mr.Burns	Ludox	H1N	H2N	H3N	H4N	H5N	CDN RUW		
02	HOLCANM000104824434	124000104824434	Mr Big	917251	2008	Mr.Burns	September	H1N	H2N	H3N	H4N	H5N	CDP RUW		CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000768895791	276000768895791	Mr Black	676350	2008	Mr.Burns	Gibor	H1N	H2P	H3N	H4N	H5N	CDP RUW		CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000579833613	276000579833613	Mr Flips	671549	2003	Mr.Ships	Brett	H1N	H2N	H3N	H4N	H5N	CDN RUW		
02	HOLDEUM000116299585	276000116299585	Mr Gate	917183	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDP RUW		CD 97% Traegerwahrscheinlichkeit
01	HOLNLD000429484490	528000429484490	Mr Leggo	822180	2006	Mr.Sam	Marshall	H1N	H2N	H3N	H4N	H5N	CDN RA		
02	HOLDEUM000535570421	276000535570421	Mr Mago	917267	2008	Mr.Burns	Royalist	H1N	H2N	H3N	H4N	H5N	CDP RUW		CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000349975438	276000349975438	Mr Mai	822144	2005	Mr.Sam	Convincer	H1N	H2N	H3N	H4N	H5N	CDN RA		
02	HOLNLD000518968393	528000518968393	Mr Mario	917200	2008	Mr.Burns	Talent2	H1N	H2P	H3N	H4N	H5N	CDN RUW		
01	HOLUSAM000071588582	840000071588582	Mr Max	811488	2013	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDF RBB		CD Gentest
01	HOLNLD0000527746311	5280000527746311	Mr Nik RF	676942	2009	Mr.Burns	O-Man	H1N	H2P	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000667098904	276000667098904	Mr Panther	833289	2017	Mr Puma	Supershot	H1F	H2N	H3F	H4F	H5N	CDF MAR		CD Gentest
01	HOLDNKM000000259604	208001370404503	Mr Percy	619182	2017	Mr Puma	President	H1F	H2N	H3F	H4F	H5N	CDF Qnetics		CD Gentest
01	HOLDEUM000580611632	276000580611632	Mr Ready	674019	2005	Mr.Sam	Jesther	H1N	H2N	H3N	H4N	H5N	CDN RUW		
02	HOLCANM000105352175	124000105352175	Mr Ross	917254	2008	Mr.Burns	Salto RF	H1N	H2P	H3N	H4N	H5N	CDN RUW		
01	HOLDEUM000348215618	276000348215618	Mr Star	822163	2005	Mr.Sam	Starleader	H1N	H2P	H3N	H4N	H5N	CDN RA		
02	HOLDEUM000535070800	276000535070800	Mr Tom	917225	2008	Mr.Burns	Stoll	H1N	H2P	H3N	H4N	H5N	CDP RUW		CD 94% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000135769308	840000135769308	Mr. Dexter	505607	2004	Spy	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000486165280	528000486165280	Mr. Gold	332111	2008	Mr.Burns	Jefferson	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
02	HOLDEUM000666321958	276000666321958	Mr. Marco	924717	2013	Magenta	Niagra	H1N	H2P	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000352800354	276000352800354	Mr. Red	260595	2009	Mr.Burns	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000663299628	276000663299628	Mr.Born	636450	2008	Mr.Burns	September	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 97% Traegerwahrscheinlichkeit
02	HOLDEUM000942992574	276000942992574	Mr.Burner	792715	2008	Mr.Burns	Pickel	H1N	H2N	H3N	H4N	H5N	CDN	BayGen	
01	HOLDEUM000768715360	276000768715360	Mr.Cool	634541	2005	Mr.Sam	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001602092616	276001602092616	Mr.Gerd	840853	2006	Mr.Sam	Linjet	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000739054705	528000739054705	Mr.Mountain	475215	2011	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767764598	276000767764598	Mtoman	748053	2001	Mtoto	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLNLDM000331107997	528000331107997	Mubsus	564790	2001	Marshall ET	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001603365991	276001603365991	Muck	846171	2013	Meridian	Gerard	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000347792702	276000347792702	Mucos	327673	2002	Muschio	Contender	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000002181966	840000002181966	Muenster	504053	1991	Tesk	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250199	208003870002155	Mueritz	330110	2006	Mascol ET	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353364570	276000353364570	Muffin	473565	2009	Mac	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115435829	276000115435829	Mukosa	567408	2005	Modest	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346473850	276000346473850	Mulani	462081	2002	Muschio	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353101052	276000353101052	Mulino	332818	2009	Million	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000346609893	276000346609893	Multan	462088	2002	Muschio	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350318074	276000350318074	Multi	329878	2005	Magical	Marshall ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000136620293	840000136620293	Multiply	505780	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000120054334	276000120054334	Mumparo	568560	2010	Man-O-Man	Goldwin	H1P	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000580694249	276000580694249	Muneco	811161	2006	Mascol ET	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLBELM000113237965	056000113237965	Munford	917593	2017	Fireman	Bookem	H1C	H2N	H3F	H4F	H5N	CDF	RUW/AWE	CD Gentest
01	HOLDEUM000115512223	276000115512223	Mungo	567452	2006	Magical	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000120858088	276000120858088	Murano	477177	2012	Mogul	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLNLDM000568365638	528000568365638	Murato	568591	2010	Mac	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000350104815	276000350104815	Muratti	811080	2005	Manager ET	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000114857393	276000114857393	Murer	822158	2005	Murphy	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLITAM017990189837	380017990189837	Murillo	831829	2005	Murphy	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812876478	276000812876478	Murmel	763382	2004	Morty	Jurmel ET	H1N	H2N	H3P	H4N	H5N	CDP	RBW	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000811669287	276000811669287	Muror	761871	2000	Mount Earl	Juror	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346464195	276000346464195	Murphy	821306	2001	Manat	Bodkin ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114196434	276000114196434	Musikus	565795	2003	Morty	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579406688	276000579406688	Musiol	810894	2002	Muschio	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000529460329	528000529460329	Muskat	804220	2009	Mac	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000115189878	276000115189878	Mustado	567405	2005	Modest	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345046575	276000345046575	Mustafa	810799	2000	Mtoto	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000358665642	276000358665642	Mustafi	833169	2015	Missouri	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000661374825	276000661374825	Mustang	631928	2000	Mtoto	Zack	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000522540794	528000522540794	Mustang	811313	2009	Moscow	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000355617721	276000355617721	Muster	823073	2012	Mogul	Super	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000116768302	276000116768302	Mustino	568556	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLCANM000007770694	124000007770694	Mutant	503910	2006	Modest	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM00066959699	27600066959699	My Dream P	619173	2017	Mission P	Shotglass	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
02	HOLDEUM000813837140	276000813837140	My Joy	922988	2007	Joyboy	Kite	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000667098879	276000667098879	My Time PP	619179	2017	Mission P	Ocean-PP	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000354475161	276000354475161	Mybest	473896	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000117110442	276000117110442	Mykanos	568555	2010	Mergim	Murphy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000344308701	276000344308701	Mykonos	458466	1999	Metro	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353636138	276000353636138	Mylord	149947	2010	Man-O-Man	Gedwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM003704254045	250003704254045	Mylord	830819	1998	Marty	Besne Buck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000388707434	528000388707434	Mylord	633772	2003	Morty	Storm	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000539335799	276000539335799	Mystic PP	681824	2016	Milford-P	Alright	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLFRAM002219042460	250002219042460	Mythos	822243	2006	Mascot ET	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355893047	276000355893047	Mytime	477174	2012	Mogul	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDNKM00000258202	208003372306866	Myway	682272	2015	Missouri	Bynke	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000813179646	276000813179646	Myzet	567418	2006	Mr.Sam	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113294187	276000113294187	März	141425	2001	Manat	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000116594437	276000116594437	NOG Abaris	490967	2009	Alves	Toystory	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000115022606	276000115022606	NOG Afian	490453	2004	Affinity	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000117134919	276000117134919	NOG Alberi	491139	2011	AltaRoss	Donato	H1N	H2N	H3P	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000115022605	276000115022605	NOG Amadi	490454	2004	Affinity	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112854369	276000112854369	NOG Arion	490100	2000	Aaron	Fatal	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503869	276000115503869	NOG Arlo	490668	2006	Augustine	Zappa	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348476049	276000348476049	NOG Ascan	490687	2006	Augustine	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001501192462	276001501192462	NOG Astel	491113	2010	Ashlar	NOG Jeremy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768877390	276000768877390	NOG Aton	490630	2006	Augustine	Ford	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000354252769	276000354252769	NOG Aturo	491137	2011	Atwood	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000345679900	276000345679900	NOG Auxin	490135	2000	Aaron	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000811589975	276000811589975	NOG Avance	490139	2000	Addison	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLLUXM000898673368	442000898673368	NOG Babeg	490774	2007	Bolton	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355350061	276000355350061	NOG Badar	491182	2012	Bookem	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348521820	276000348521820	NOG Badus	490459	2004	Breakout	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113986176	276000113986176	NOG Bagajo	490373	2003	Blauer	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348476090	276000348476090	NOG Bagram	490464	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351322545	276000351322545	NOG Baiko	490812	2007	Bolton	Laudan	H1N	H2P	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114423569	276000114423569	NOG Balkis	490423	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503876	276000115503876	NOG Banjul	490683	2006	Buckeye	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116151021	276000116151021	NOG Baran	490783	2007	Bolton	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351322544	276000351322544	NOG Bardos	490813	2007	Bolton	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352642487	276000352642487	NOG Barkee	490925	2008	Mr.Burns	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114666592	276000114666592	NOG Barnett	490494	2005	Best	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351466622	276000351466622	NOG Barnim	490977	2008	Mr.Burns	Toystory	H1N	H2P	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000348612432	276000348612432	NOG Barolo	490488	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113640066	276000113640066	NOG Barteo	490300	2002	Bruce	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768595166	276000768595166	NOG Baryon	490475	2004	Best	Ford	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116441612	276000116441612	NOG Basim	490898	2008	Baxter 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000355188983	276000355188983	NOG Batai	491165	2011	Bakombre	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768595196	276000768595196	NOG Beatle	490549	2005	Banderas	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773020	276000114773020	NOG Beck	490483	2004	Best	PM Magic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120239212	276000120239212	NOG Bedan	491141	2011	Beacon	Wildman	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346427233	276000346427233	NOG Begier	490237	2001	Bombay	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
02	HOLDEUM001260754266	276001260754266	NOG Bela R	491148	2011	Basio	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345821814	276000345821814	NOG Belfos	490189	2001	Brett	Storm	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000878742514	528000878742514	NOG Beloni	491144	2011	Beacon	Fibrax	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114753414	276000114753414	NOG Beluga	490477	2004	Banderas	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116224336	276000116224336	NOG Belzig	490924	2008	Bolton	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113668333	276000113668333	NOG Bento	490288	2002	Bormio	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116224335	276000116224335	NOG Bernau	490923	2008	Bolton	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLNLDM000490916180	528000490916180	NOG Bero	490777	2007	Bolton	Best	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000116244337	276000116244337	NOG Bertes	490901	2008	Billion 3	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114736152	276000114736152	NOG Besjo	490452	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348475999	276000348475999	NOG Bestan	490463	2004	Best	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000117354777	276000117354777	NOG Bevon	491172	2011	Beacon	Alexander	H1N	H2N	H3P	H4N	H5P	CDC	RBB	CD Gentest
01	HOLDEUM000348099259	276000348099259	NOG Bilon	490433	2004	Best	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000112381472	276000112381472	NOG Bionik	490055	1999	Boudewijn	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352200933	276000352200933	NOG Birin	490829	2008	Baxter 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352200935	276000352200935	NOG Bisero	490825	2008	Baxter 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000352200936	276000352200936	NOG Bjarne	490824	2008	Baxter 2	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351204639	276000351204639	NOG Blake	490832	2008	Buckeye	Titanic	H1N	H2N	H3N	H4P	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLLUXM000998729994	442000998729994	NOG Boccio	490928	2008	Bolton	Goldwin	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000353921995	276000353921995	NOG Bodano	491128	2010	Bogart	Laudan	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000115904151	276000115904151	NOG Bodi	490790	2007	Bolton	Okendo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500163458	276001500163458	NOG Bogul	490379	2003	Blauer	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344089400	276000344089400	NOG Bojung	490019	1999	Brock	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753395	276000114753395	NOG Bolta	490472	2004	Best	Laibert	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000354833444	276000354833444	NOG Bomac	491180	2011	Bakombre	Fibrax	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000354915871	276000354915871	NOG Bondy	491152	2011	Beacon	Stol Joc	H1N	H2N	H3N	H4P	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000110944224	276000110944224	NOG Bonic	490094	1999	Boudewijn	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLNLDM000490516207	528000490516207	NOG Boreas	490780	2007	Bolton	Best	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351204636	276000351204636	NOG Bosley	490828	2008	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000768595195	276000768595195	NOG Botan	490548	2005	Banderas	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM001500151035	276001500151035	NOG Boveri	490844	2007	Bolton	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351204595	276000351204595	NOG Branko	490786	2007	Buckeye	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113132899	276000113132899	NOG Braxus	490292	2002	Bruce	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000353961535	276000353961535	NOG Brogan	491129	2010	Bronco	Encino	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000353538153	276000353538153	NOG Brosco	491135	2010	Bronco	Jefferson	H1N	H2N	H3P	H4P	H5N	CDF	RA	CD Gentest
01	HOLDEUM000113973079	276000113973079	NOG Bruma	490328	2003	Bruce	PM Magic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114715733	276000114715733	NOG Brun	490402	2004	Bruce	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116205543	276000116205543	NOG Bucoli	490805	2008	Mr.Burns	Best	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116151058	276000116151058	NOG Budek	490804	2008	Mr.Burns	Lancelot	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000117134747	276000117134747	NOG Buggy	491109	2010	Bogart	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000350421250	276000350421250	NOG Burak	490740	2006	Buckeye	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503906	276000115503906	NOG Burcan	490700	2006	Buckeye	Best	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001270490084	276001270490084	NOG Burlin	490799	2007	Mr.Burns	Freelanze	H1N	H2P	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000350406695	276000350406695	NOG Busso	490690	2006	Buckeye	Zappa	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973135	276000113973135	NOG Cabin	490359	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000114087249	276000114087249	NOG Caboy	490333	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000116650399	276000116650399	NOG Cadeo	491038	2009	Cassano	Zesty	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000116244261	276000116244261	NOG Cadir	490837	2008	Calypso	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345690772	276000345690772	NOG Caisso	490090	2000	Convincer	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352390747	276000352390747	NOG Camero	491043	2009	Captain	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM00034677102	27600034677102	NOG Capitz	490386	2003	Champion	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352277909	276000352277909	NOG Caputh	490948	2008	Calypso	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115095701	276000115095701	NOG Casilo	490481	2004	Champion	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352277872	276000352277872	NOG Cassim	490899	2008	Calypso	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116466319	276000116466319	NOG Catano	490946	2009	Captain	Spy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113973116	276000113973116	NOG Cebion	490355	2003	Champion	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000353042747	276000353042747	NOG Cedar	491044	2009	Cassano	Lou	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352344514	276000352344514	NOG Cenek	490894	2008	Calypto	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904143	276000115904143	NOG Cesare	490787	2007	Cutler	Best	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000113996037	276000113996037	NOG Cillus	490334	2003	Champion	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114006694	276000114006694	NOG Clarck	490415	2004	Champion	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000112535757	276000112535757	NOG Cliff	490098	2000	Convincer	Megabuck	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351333752	276000351333752	NOG Clio	490766	2007	Cutler	Zappa	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346777103	276000346777103	NOG Cobell	490387	2003	Champion	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000811665607	276000811665607	NOG Coca	490147	2000	Convincer	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344180358	276000344180358	NOG Cochem	490085	2000	Convincer	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116205506	276000116205506	NOG Connor	490782	2007	Cutler	Best	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000117043064	276000117043064	NOG Cover	491107	2010	Captain	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500150820	276001500150820	NOG Criolo	490728	2007	Crest	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116535087	276000116535087	NOG Cunori	490956	2009	Captain	Ready	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116044307	276000116044307	NOG Curtis	490835	2008	Cutler	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	NOG	
01	HOLDEUM000115825855	276000115825855	NOG Cyrus	490759	2007	Crest	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351349495	276000351349495	NOG Dabi	490853	2008	Donato	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLLUXM000199101728	442000199101728	NOG Dakim	491168	2011	Destry	Malvoy	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001270523801	276001270523801	NOG Dakor	490962	2009	Donato	Goldwin	H1N	H2N	H3N	H4P	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000346334489	276000346334489	NOG Dionys	490277	2002	Dutch Boy	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352970235	276000352970235	NOG Dohan	491041	2009	Donato	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348297963	276000348297963	NOG Dokus	490456	2004	Denir	Lake	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904193	276000115904193	NOG Doreo	490801	2008	Dolman	Murphy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114414753	276000114414753	NOG Dorix	490396	2003	Denir	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114813258	276000114813258	NOG Doyle	490586	2005	Derek 2	Steven	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114414756	276000114414756	NOG Droby	490393	2003	Denir	Lombard	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352642463	276000352642463	NOG Drogba	490958	2009	Donato	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000114414800	276000114414800	NOG Dual	490413	2004	Denir	Lombard	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115760402	276000115760402	NOG Dugal	490663	2006	Duplex	Juote	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346645577	276000346645577	NOG East	490308	2003	Eminenz	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113905958	276000113905958	NOG Ebald	490320	2002	Esar	Preval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346064571	276000346064571	NOG Ebene	490269	2001	Esar	Storm	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000346603734	276000346603734	NOG Ebollo	490303	2003	Eminenz	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113077154	276000113077154	NOG Ebony	490194	2001	Emerson	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116044297	276000116044297	NOG Ebori	490831	2008	Elayo	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001302106202	276001302106202	NOG Ebyda	490381	2003	Eminenz	Manat	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973040	276000113973040	NOG Echter	490310	2002	Eminenz	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000346608482	276000346608482	NOG Ecktor	490293	2002	Eminenz	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346676786	276000346676786	NOG Edamo	490319	2002	Esar	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346223080	276000346223080	NOG Edesso	490192	2001	Elmo	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001501194664	276001501194664	NOG Edolo	490935	2008	Eleve	Modest	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346777137	276000346777137	NOG Efarus	490317	2003	Eminenz	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001501194530	276001501194530	NOG Eimon	490931	2008	Eleve	Modest	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115904148	276000115904148	NOG Elad	490789	2007	Elayo	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352277860	276000352277860	NOG Eladio	490881	2008	Eleve	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116044257	276000116044257	NOG Elam	490768	2007	Elayo	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001260802296	276001260802296	NOG Elcar	491112	2009	Eleve	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000116044300	276000116044300	NOG Eldur	490833	2008	Elayo	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116244324	276000116244324	NOG Eleco	490897	2008	Eleve	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116632275	276000116632275	NOG Elisio	491049	2009	Eleve	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000352390766	276000352390766	NOG Elori	491040	2009	Eleve	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113308848	276000113308848	NOG Elvin	490201	2001	Elmo	Notel	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346482781	276000346482781	NOG Emus	490318	2002	Eminenz	Lee	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350856660	276000350856660	NOG Epirus	490758	2007	Emil II	Ready	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115095803	276000115095803	NOG Epos	490561	2005	Eaton	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116482255	276000116482255	NOG Erkner	490976	2008	Eleve	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000347302061	276000347302061	NOG Esborn	490258	2001	Esar	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346496471	276000346496471	NOG Escher	490380	2003	NOG Esar	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346334514	276000346334514	NOG Eska	490244	2001	Esar	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112770923	276000112770923	NOG Essay	490211	2000	Emerson	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114715740	276000114715740	NOG Este	490503	2005	Eaton	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113588414	276000113588414	NOG Esur	490238	2002	Esar	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113308805	276000113308805	NOG Etalon	490157	2001	Emerson	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113486716	276000113486716	NOG Euklid	490268	2002	Eminenz	Novalis	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000113170029	276000113170029	NOG Eulen	490236	2001	Elmo	Basar	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120009199	276000120009199	NOG Evelio	490969	2009	Eleve	V Elo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346496477	276000346496477	NOG Ewok	490385	2003	Esar	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001501195201	276001501195201	NOG Exter	490930	2008	Eleve	Modest	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346820948	276000346820948	NOG Fabius	490487	2004	Finley	Webster	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973067	276000113973067	NOG Faborg	490311	2003	Forbidden	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352642441	276000352642441	NOG Fabri	491022	2009	Fibrax	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113973274	276000113973274	NOG Fabur	490440	2004	Freelanze	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113986181	276000113986181	NOG Falott	490375	2003	Forbidden	Herald	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115022688	276000115022688	NOG Falun	490607	2005	Freelanze	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348475993	276000348475993	NOG Fanto	490424	2004	Freelanze	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348082458	276000348082458	NOG Feder	490411	2004	Finley	Tugolo	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115022673	276000115022673	NOG Fedja	490570	2005	Freelanze	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973095	276000113973095	NOG Fedro	490329	2003	Forbidden	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116044231	276000116044231	NOG Fermi	490752	2007	Fortune3	Riverland	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346473846	276000346473846	NOG Ferus	490295	2002	Faber	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120003787	276000120003787	NOG Fiaro	491035	2009	Fibrax	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000353388693	276000353388693	NOG Fibos	491073	2009	Fibrax	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000353388776	276000353388776	NOG Fidan	491086	2009	Fibrax	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500157386	276001500157386	NOG Figo	490553	2005	Freelanze	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116584484	276000116584484	NOG Fileno	491047	2009	Fibrax	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116584486	276000116584486	NOG Fion	491048	2009	Fibrax	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000113973293	276000113973293	NOG Fisato	490441	2004	Finley	Predello	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113640044	276000113640044	NOG Flavio	490274	2002	Forbidden	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348678589	276000348678589	NOG Focus	490526	2005	Freelanze	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114113959	276000114113959	NOG Fodeur	490330	2003	Forbidden	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001304051516	276001304051516	NOG Fonso	491143	2011	Focus	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000114853607	276000114853607	NOG Fumio	490611	2005	Freelanze	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348185981	276000348185981	NOG Fury	490486	2004	Freelanze	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM001500153694	276001500153694	NOG Gaban	490666	2006	Garrison 2	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000343964608	276000343964608	NOG Gamla	490028	1999	Glenwood	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350665589	276000350665589	NOG Gared	490710	2006	Garrison 2	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115669480	276000115669480	NOG Garrol	490741	2007	Garrison 2	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354362332	276000354362332	NOG Gelis	491145	2010	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM000113064702	276000113064702	NOG Geopla	490121	2000	Gabe	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000355045528	276000355045528	NOG Gerino	491162	2011	Gerard	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000115189937	276000115189937	NOG Gestus	490649	2006	Goldwin	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001300797017	276001300797017	NOG Ginger	490125	2000	Gabe	RC Matt	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113991278	276000113991278	NOG Gnomy	490391	2003	Good	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768877398	276000768877398	NOG Gogol	490638	2006	Goldwin	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000768877462	276000768877462	NOG Gomez	490679	2006	Goldwin	Ford	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115189939	276000115189939	NOG Goral	490650	2006	Goldwin	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344393382	276000344393382	NOG Goya	490058	1999	Glenwood	Zack	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115831405	276000115831405	NOG Greco	490685	2006	Goldwin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351049014	276000351049014	NOG Guardi	490680	2006	Goldwin	Ramos	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000111986958	276000111986958	NOG Halitu	490030	1999	Hondo Aero	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344195554	276000344195554	NOG Harpy	490077	1999	Hairybreiz	Storm	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116441670	276000116441670	NOG Havel	490938	2008	Howie	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000110944228	276000110944228	NOG Hesdin	490039	1999	Hairybreiz	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113308826	276000113308826	NOG Heutal	490203	2001	Hershel	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113080237	276000113080237	NOG Hippie	490134	2000	Herald	Mason	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112300041	276000112300041	NOG Hojo	490048	1999	Hondo Aero	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000355412743	276000355412743	NOG Hortax	491176	2012	Hill	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111351788	276000111351788	NOG Idee	490040	1999	Igale Masc	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112162064	276000112162064	NOG Idyll	490066	1999	Igale Masc	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000355188966	276000355188966	NOG Ikaro	491159	2011	Altalota	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000112689053	276000112689053	NOG Impuls	490068	1999	Italie Mas	Zebo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351787856	276000351787856	NOG Inaldo	490818	2008	Intruder	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000355045519	276000355045519	NOG los	491173	2011	Altalota	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344286750	276000344286750	NOG Isotro	490124	2000	Istar Aero	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000355140498	276000355140498	NOG Ivano	491164	2011	Altalota	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000350532586	276000350532586	NOG Jabar	490632	2006	Jackman	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973038	276000113973038	NOG Jablan	490322	2002	Jurmel ET	Preval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500155642	276001500155642	NOG Jaboni	490656	2006	Jefferson	Bormio	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM001501197586	276001501197586	NOG Jabril	490798	2007	Jefferson	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDL000587826457	528000587826457	NOG Jack	491061	2009	Juwel	V Elo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115348086	276000115348086	NOG Jacon	490662	2006	Jackpot	Jasper	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000351322548	276000351322548	NOG Jad	490809	2007	Janos	Laudan	H1N	H2P	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116594665	276000116594665	NOG Jadon	491090	2010	Jake	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350213683	276000350213683	NOG Jafar	490659	2006	Janosch	Champion	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000346496461	276000346496461	NOG Jafral	490369	2003	Jurmel ET	Ubbo	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000352200939	276000352200939	NOG Jagan	490815	2008	Jango	Spy	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351322547	276000351322547	NOG Jagati	490810	2007	Janos	Laudan	H1N	H2P	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000351524955	276000351524955	NOG Jagori	490856	2007	Jannsen	Champion	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000116481634	276000116481634	NOG Jagut	490907	2008	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114813287	276000114813287	NOG Jaipur	490589	2005	Jackman	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768877442	276000768877442	NOG Jakut	490677	2006	Jefferson	Ford	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346612697	276000346612697	NOG Jalino	490301	2002	Jurmel ET	Tugolo	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000351322546	276000351322546	NOG Jalon	490811	2007	Janos	Laudan	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001260802398	276001260802398	NOG Jamar	491097	2010	Jango	Mascol ET	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
01	HOLLUXM000699101734	442000699101734	NOG Jamito	491167	2011	Jabez	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001268401134	276001268401134	NOG Jamon	490727	2007	Jefferson	Champion	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM001500150734	276001500150734	NOG Janou	490709	2007	Jackpot	Eminenz	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000351709669	276000351709669	NOG Jantix	490913	2008	Jango	Modest	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDL000719915468	528000719915468	NOG Jaras	491177	2011	Jordan	Encino	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001501197788	276001501197788	NOG Jared	490873	2008	NOG Jeremy	Eaton	H1N	H2P	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001268401127	276001268401127	NOG Jareo	490698	2006	Janos	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350213638	276000350213638	NOG Jaron	490658	2006	Janos	Interval	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000352080943	276000352080943	NOG Jary	490851	2008	Jango	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579613534	276000579613534	NOG Jator	490347	2002	Jerom	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350960263	276000350960263	NOG Javano	490672	2006	Jefferson	Champion	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM001500153692	276001500153692	NOG Jecon	490730	2006	Jefferson	Bormio	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000113829301	276000113829301	NOG Jedins	490306	2003	Jurmel ET	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001302802153	276001302802153	NOG Jeep	490642	2006	Janos	Marshal ET	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000351353952	276000351353952	NOG Jeffon	490755	2007	Jefferson	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000353762694	276000353762694	NOG Jefrim	491115	2010	Jeeves	Laudan	H1N	H2N	H3P	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001500153109	276001500153109	NOG Jefuri	490682	2006	Jefferson	Webster	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000351003961	276000351003961	NOG Jelani	490702	2006	Jefferson	Interval	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000115904198	276000115904198	NOG Jelko	490802	2008	NOG Jeremy	Riverland	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000352642448	276000352642448	NOG Jelon	490993	2009	Juwel	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001271147935	276001271147935	NOG Jelvin	490984	2009	Jelder	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351003956	276000351003956	NOG Jem	490703	2006	Jefferson	Interval	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000115904126	276000115904126	NOG Jemar	490770	2007	Jefferson	Ready	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000115831403	276000115831403	NOG Jenaro	490732	2006	Jannik	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500150717	276001500150717	NOG Jennis	490708	2007	Jackpot	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000112889055	276000112889055	NOG Jeremy	490214	2001	Jocko Besn	Rudolph	H1N	H2P	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000351590818	276000351590818	NOG Jeri	490816	2007	NOG Jeremy	Spy	H1N	H2P	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000116205540	276000116205540	NOG Jerico	490803	2008	NOG Jeremy	Titanic	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351322518	276000351322518	NOG Jerros	490868	2008	Jurus	Shuttle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000768877439	276000768877439	NOG Jervis	490676	2006	Jefferson	Ford	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001501194820	276001501194820	NOG Jetano	491018	2009	Jango	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000116481642	276000116481642	NOG Jeto	490920	2008	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000351721519	276000351721519	NOG Jey	490877	2008	Jefferson	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500178041	276001500178041	NOG Jingo	490136	2000	Jocko Besn	Terry	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768618104	276000768618104	NOG Jodin	490640	2006	NOG Jofkin	Ford	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112647626	276000112647626	NOG Jofkin	490112	2000	Jocko Besn	Bellwood	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000113077165	276000113077165	NOG Joint	490198	2001	Jocko Besn	Esquimau	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000113256485	276000113256485	NOG Jokai	490230	2001	Jocko Besn	Hondo Aero	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000346820918	276000346820918	NOG Jokult	490388	2003	Juote	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120247836	276000120247836	NOG Jomar	491150	2011	Jordan	Fibrax	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115088174	276000115088174	NOG Jones	490621	2005	Jackman	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120438139	276000120438139	NOG Jordus	491179	2011	Jordan	Shuttle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501194817	276001501194817	NOG Jorim	491017	2009	Jango	Duplex	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000350665590	276000350665590	NOG Jorris	490711	2006	Jackpot	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000353896196	276000353896196	NOG Josef	491106	2010	Jake	Encino	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116594552	276000116594552	NOG Josito	491052	2009	Jobess	Marbach	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500151758	276001500151758	NOG Jovis	490882	2008	NOG Jeremy	Eaton	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000116224350	276000116224350	NOG Jovito	490973	2009	Jango	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113080302	276000113080302	NOG Jovo	490175	2001	Jocko Besn	Salto	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000115904144	276000115904144	NOG Jubal	490788	2007	Jurus	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973143	276000113973143	NOG Jucks	490366	2003	Juote	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116481635	276000116481635	NOG Judan	490908	2008	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113973089	276000113973089	NOG Judiko	490327	2003	Jurmel ET	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM001500151340	276001500151340	NOG Julas	490840	2007	Jurus	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116044301	276000116044301	NOG Jumar	490834	2008	Jurus	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113294144	276000113294144	NOG Jumit	490221	2001	Jocko Besn	Lord Lily	H1N	H2N	H3N	H4P	H5N	CDN	RSH	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000113824413	276000113824413	NOG Junek	490325	2002	JurmEL ET	Convincer	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773097	276000114773097	NOG Juno	490569	2005	Jackman	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116481630	276000116481630	NOG Juris	490905	2008	Juwel	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351668740	276000351668740	NOG Juro	490887	2008	Juwel	Ready	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113306628	276000113306628	NOG Jutin	490363	2002	JurmEL ET	Copper	H1P	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000352277859	276000352277859	NOG Juvas	490880	2008	Jurus	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000112771439	276000112771439	NOG Juwel	490116	2000	Jocko Besn	Dominator	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000346612705	276000346612705	NOG Labilo	490281	2002	Lento	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773007	276000114773007	NOG Labrus	490439	2004	Lancelot	PM Magic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773094	276000114773094	NOG Ladek	490568	2005	Laudan	Manat	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113196461	276000113196461	NOG Ladero	490181	2001	Ladin	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348668621	276000348668621	NOG Lagio	490474	2004	Lancelot	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973109	276000113973109	NOG Lahn	490336	2003	Lheros	Basar	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLNLD000392359890	528000392359890	NOG Landu	490476	2004	Lancelot	Steven	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000111913234	276000111913234	NOG Lanugo	490007	1998	Lukas	Titan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348852287	276000348852287	NOG Laore	490538	2005	Lucky Mike	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348852288	276000348852288	NOG Lapaz	490536	2005	Lucky Mike	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113169934	276000113169934	NOG Larbol	490262	2002	Lake	Istar Aero	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348613273	276000348613273	NOG Larini	490505	2004	Laudan	Garter	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112032092	276000112032092	NOG Latal	490095	1999	Lukas	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348725435	276000348725435	NOG Lateur	490534	2005	Laudan	Webster	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114854694	276000114854694	NOG Latigo	490573	2005	Laudan	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114573763	276000114573763	NOG Lauda	490484	2004	Laudan	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753464	276000114753464	NOG Lauro	490514	2005	Laudan	Bormio	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768618056	276000768618056	NOG Lavabo	490478	2004	Laudan	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348033585	276000348033585	NOG Lavas	490458	2004	Lancelot	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000343955897	276000343955897	NOG Lazar	490018	1999	Lee	Nimbus	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348052811	276000348052811	NOG Leago	490342	2003	Ladin	Prisma	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113710236	276000113710236	NOG Leanus	490256	2002	Lartist	Lee	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500163788	276001500163788	NOG Leben	490445	2004	Lucente	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000113094499	276000113094499	NOG Lebin	490145	2000	Lentini RF	Luxemburg	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346820906	276000346820906	NOG Ledo	490337	2003	Lemir	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113306591	276000113306591	NOG Legyba	490294	2002	Lake	Brock	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773074	276000114773074	NOG Lenau	490537	2005	Laudan	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346608476	276000346608476	NOG Lenker	490315	2003	Lheros	Basar	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345859188	276000345859188	NOG Lenno	490150	2000	Lentini RF	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114573765	276000114573765	NOG Leone	490482	2004	Lancelot	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345668415	276000345668415	NOG Lepore	490165	2000	Lentini RF	Lee	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLNLD000534868110	528000534868110	NOG Lestro	491101	2010	Legend	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000348093857	276000348093857	NOG Leto	490377	2003	Lheros	Pedant	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113353871	276000113353871	NOG Letzin	490240	2002	Ladin	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348613287	276000348613287	NOG Lidus	490479	2004	Laudan	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351105570	276000351105570	NOG Lifani	490773	2007	Lou	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773091	276000114773091	NOG Ligeti	490566	2005	Laudan	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500187255	276001500187255	NOG Limar	490002	1998	Lukas	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000579552484	276000579552484	NOG Linau	490429	2004	Lucente	PM Magic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112776770	276000112776770	NOG Linzig	490207	2000	Ladin	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116482294	276000116482294	NOG Liros	491079	2009	Lightning	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348476082	276000348476082	NOG Livio	490497	2004	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346242147	276000346242147	NOG Lober	490233	2001	Ladin	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000113973271	276000113973271	NOG Locher	490405	2004	Lancelot	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345932030	276000345932030	NOG Logas	490226	2001	Ladin	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000344369704	276000344369704	NOG Lokato	490123	2000	Lantz	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115534962	276000115534962	NOG Lonato	490715	2007	Lou	Steven	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351643204	276000351643204	NOG Lonigo	490817	2007	Lou	Tresor	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114813232	276000114813232	NOG Lorton	490502	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112685357	276000112685357	NOG Lover	490114	2000	Ladin	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344465297	276000344465297	NOG Lubko	490202	2000	NOG Lentini RF	Carlton	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904043	276000115904043	NOG Luigi	490733	2007	Lou	Dynasty	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973300	276000113973300	NOG Lukato	490443	2004	Leopard	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116205594	276000116205594	NOG Lund	490865	2008	Laurin	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116205599	276000116205599	NOG Lutero	490866	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348852285	276000348852285	NOG Luxan	490582	2005	Lucky Mike	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773088	276000114773088	NOG Luzon	490562	2005	Laudan	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116205583	276000116205583	NOG Lykon	490860	2008	Laurin	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000112088760	276000112088760	NOG Maala	490017	1999	Mattie G	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113404230	276000113404230	NOG Mabru	490260	2002	Muschio	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116083517	276000116083517	NOG Mabul	490771	2007	NOG Munsa	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115348040	276000115348040	NOG Macar	490625	2006	Magical	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348678564	276000348678564	NOG Macau	490556	2005	Manager ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500155554	276001500155554	NOG Maclou	490667	2006	Modest	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000354120415	276000354120415	NOG Macolo	491119	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500151333	276001500151333	NOG Madani	490748	2007	Marbach	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131399	276000350131399	NOG Maddis	490645	2006	Magical	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350532585	276000350532585	NOG Maddoc	490635	2006	Modest	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904114	276000115904114	NOG Maderu	490764	2007	NOG Munsa	Laudan	H1P	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000120217035	276000120217035	NOG Madon	491140	2011	Manifold	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000120247871	276000120247871	NOG Magiro	491155	2011	Mowambo	Fibrax	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000348016963	276000348016963	NOG Magor	490417	2003	Magna	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000354567014	276000354567014	NOG Makoni	491147	2011	Masaccio	Fibrax	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000348476068	276000348476068	NOG Makori	490636	2005	Manager ET	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115022667	276000115022667	NOG Makos	490596	2005	Murphy	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113986172	276000113986172	NOG Makro	490371	2003	Morty	Boudewijn	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000811930777	276000811930777	NOG Malavi	490259	2002	Magnum	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346334456	276000346334456	NOG Mamba	490351	2002	Magna	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000355448556	276000355448556	NOG Manero	491174	2011	Manifold	Juwel	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000115022681	276000115022681	NOG Mang	490603	2005	Murphy	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120044899	276000120044899	NOG Manker	491111	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347821681	276000347821681	NOG Manoto	490243	2002	Manat	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114853706	276000114853706	NOG Manuel	490593	2005	Montu	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120137222	276000120137222	NOG Marano	570415	2011	Micah	Jango	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000351485983	276000351485983	NOG Marasi	490794	2007	NOG Munsa	Manager ET	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113786950	276000113786950	NOG Marban	490272	2002	Magna	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500150920	276001500150920	NOG Mareo	490747	2007	Marbach	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344014803	276000344014803	NOG Marian	490011	1998	Mattie G	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113710244	276000113710244	NOG Marley	490266	2002	Muschio	Lee	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000117048098	276000117048098	NOG Masir	491122	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000429390344	528000429390344	NOG Maskat	490614	2005	Manager ET	Steven	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350129650	276000350129650	NOG Massa	490608	2005	Modest	Zappa	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348678565	276000348678565	NOG Matare	490557	2005	Manager ET	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116224313	276000116224313	NOG Matevo	490823	2008	Marbach	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351002737	276000351002737	NOG Mato	490734	2007	Mascol ET	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000114853700	276000114853700	NOG Matti	490592	2005	Murphy	Step	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLLUXM000198876645	442000198876645	NOG Mavali	491103	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM000116224311	276000116224311	NOG Mawali	490820	2007	Marbach	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112903959	276000112903959	NOG Maxir	490217	2001	Manat	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114239033	276000114239033	NOG Maydo	490344	2003	Morty	Marshal ET	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116172863	276000116172863	NOG Mazani	490886	2008	Mascol ET	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113986159	276000113986159	NOG Meber	490305	2003	Magna	Herald	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346473868	276000346473868	NOG Mecko	490307	2003	Marshal ET	Prisma	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348820745	276000348820745	NOG Medan	490531	2005	Murphy	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345859161	276000345859161	NOG Medau	490235	2001	Manat	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904112	276000115904112	NOG Medin	490763	2007	Marbach	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348818438	276000348818438	NOG Medoc	490599	2005	Murphy	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114857387	276000114857387	NOG Melis	490575	2005	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113170043	276000113170043	NOG Melody	490200	2001	Manat	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131420	276000350131420	NOG Melvin	490579	2005	Magical	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112954333	276000112954333	NOG Memory	490092	2000	Manfred-ET	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131390	276000350131390	NOG Mende	490664	2006	Modest	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114857389	276000114857389	NOG Menor	490577	2005	Modest	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113631183	276000113631183	NOG Mentin	490239	2002	Marshal ET	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115095788	276000115095788	NOG Merlot	490543	2005	Magical	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113294176	276000113294176	NOG Merobs	490275	2001	Manat	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000354056372	276000354056372	NOG Meron	491125	2010	Mergim	Pagewire	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000768733836	276000768733836	NOG Meteor	490545	2005	Magical	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503990	276000115503990	NOG Metin	490717	2007	Marbach	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000117139815	276000117139815	NOG Metron	491127	2010	Mergim	Jango	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000343968381	276000343968381	NOG Metz	490037	1999	Mtoto	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346334463	276000346334463	NOG Migus	490324	2002	Magna	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768733837	276000768733837	NOG Mihal	490546	2005	Magical	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000661473647	276000661473647	NOG Mikado	490143	2000	Mount Earl	Metro	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114853716	276000114853716	NOG Miklas	490618	2006	Montu	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503805	276000115503805	NOG Mikuni	490665	2006	More	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131425	276000350131425	NOG Milos	490606	2005	Modest	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753582	276000114753582	NOG Mirano	490539	2005	Manager ET	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115348064	276000115348064	NOG Mitros	490641	2006	Modest	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113695712	276000113695712	NOG Mobill	490248	2002	Manat	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350213639	276000350213639	NOG Modi	490657	2006	Modest	Interval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351466604	276000351466604	NOG Modist	490736	2007	Modest	Breakout	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113786963	276000113786963	NOG Molly	490286	2002	Magna	James	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114813285	276000114813285	NOG Molo	490588	2005	Modest	Steven	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351002778	276000351002778	NOG Mondir	490693	2006	Modest	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131406	276000350131406	NOG Morani	490647	2006	Modest	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345859157	276000345859157	NOG Moreif	490280	2001	Manat	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131442	276000350131442	NOG Moreno	490591	2005	Modest	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348052850	276000348052850	NOG Mota	490421	2004	Morty	Lantz	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000117134745	276000117134745	NOG Motiv	491108	2010	Million	Shottle	H1N	H2P	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001303638699	276001303638699	NOG Mulano	491126	2010	Mergim	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000112249200	276000112249200	NOG Muli	490008	1998	Manfred-ET	Juror	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113996020	276000113996020	NOG Mulsun	490331	2003	Morty	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000113169852	276000113169852	NOG Munsa	490232	2001	Manat	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114196501	276000114196501	NOG Mura	490419	2003	Morty	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904182	276000115904182	NOG Murai	490800	2008	NOG Munsa	Laudan	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114853627	276000114853627	NOG Muray	490565	2005	Murphy	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113294186	276000113294186	NOG Murremel	490212	2001	Manat	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348466562	276000348466562	NOG Mylord	490498	2005	Morty	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112378451	276000112378451	NOG Myosin	490032	1999	Manfred-ET	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000111111787	276000111111787	NOG Nagana	490014	1999	Novalis	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112209773	276000112209773	NOG Narwal	490022	1999	Novalis	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112545478	276000112545478	NOG Nonza	490047	1999	Novalis	Ro	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000343507072	276000343507072	NOG Norder	490005	1998	Novalis	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113786986	276000113786986	NOG Ocly	490357	2002	Outside	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114853736	276000114853736	NOG Odin	490626	2006	Okendo	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000580357000	276000580357000	NOG Oman	490613	2005	Okendo	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000116214221	276000116214221	NOG Oreko	490919	2008	Oliver 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350165714	276000350165714	NOG Orest	490598	2005	Okendo	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114853660	276000114853660	NOG Ornat	490574	2005	Okendo	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000115387422	276000115387422	NOG Orwell	490576	2005	Okendo	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000351466612	276000351466612	NOG Otani	490893	2008	Oliver 2	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116594528	276000116594528	NOG Otero	491050	2009	Onward	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351721532	276000351721532	NOG Otis	490872	2008	Oliver 2	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352110589	276000352110589	NOG Oxley	491009	2008	Oliver 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344469319	276000344469319	NOG Pagat	490083	1999	Preval	Raven	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116223094	276000116223094	NOG Pagu	490861	2008	Pagewire	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000120002489	276000120002489	NOG Pajen	491030	2009	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113169943	276000113169943	NOG Pajero	490263	2002	Pedant	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116577104	276000116577104	NOG Pate	490891	2008	Pagewire	Emil	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352344503	276000352344503	NOG Paton	490949	2008	Pagewire	Modest	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352820069	276000352820069	NOG Pawlow	490982	2009	Pagewire	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000110986918	276000110986918	NOG Paxley	490064	1999	Proton-ET	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113080293	276000113080293	NOG Penny	490169	2001	Pedant	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001300755611	276001300755611	NOG Petri	490086	2000	Proton-ET	Tornado	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001300755610	276001300755610	NOG Pharo	490087	2000	Proton-ET	Tornado	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345835224	276000345835224	NOG Phiole	490182	2001	Pedant	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLLUXM000998876624	442000998876624	NOG Piero	491089	2010	Ping	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLLUXM000398858614	442000398858614	NOG Pilano	491099	2010	Ping	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501194670	276001501194670	NOG Pisano	490936	2008	Pagewire	Modest	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000111986948	276000111986948	NOG Pitz	490042	1999	Preval	Patrick	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112182383	276000112182383	NOG Point	490054	1999	Preval	Cash	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112545490	276000112545490	NOG Ponzus	490061	1999	Proton-ET	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116780742	276000116780742	NOG Prado	491000	2009	Pagewire	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344308745	276000344308745	NOG Preuse	490078	1999	Preval	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000120078038	276000120078038	NOG Priano	491130	2010	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000344104295	276000344104295	NOG Profo	490051	1999	Progress	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLLUXM000198247923	442000198247923	NOG Pucker	490171	2001	PM Magic	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345978195	276000345978195	NOG Purpur	490162	2000	Pedant	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344118277	276000344118277	NOG Pussta	490082	1999	Preval	Reputation	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348400673	276000348400673	NOG Radar	490508	2004	Ready	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973178	276000113973178	NOG Radial	490374	2003	Riverland	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348613314	276000348613314	NOG Radjan	490460	2004	Ready	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000114753432	276000114753432	NOG Radko	490492	2004	Ready	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114015098	276000114015098	NOG Radus	490427	2004	Riverland	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773032	276000114773032	NOG Raimo	490485	2004	Ready	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753309	276000114753309	NOG Ralko	490447	2004	Ramos	Webster	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973241	276000113973241	NOG Ranti	490404	2004	Ramos	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348672159	276000348672159	NOG Raulio	490480	2004	Raul	Temptor ET	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000348325228	276000348325228	NOG Ravel	490500	2005	Ready	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114006683	276000114006683	NOG Reff	490401	2004	Riverland	Temptor ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112215151	276000112215151	NOG Reit	490035	1998	Rudolph	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348282320	276000348282320	NOG Riad	490403	2004	Ramos	Convincer	H1P	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773052	276000114773052	NOG Rico	490519	2005	Ready	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001273287608	276001273287608	NOG Rigor	490442	2004	Riverland	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116244315	276000116244315	NOG Rilano	490867	2008	Roumare	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114423559	276000114423559	NOG Rivso	490408	2004	Riverland	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348082493	276000348082493	NOG Robus	490418	2003	Riverland	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904159	276000115904159	NOG Rossi	490797	2007	Roumare	Spy	H1N	H2N	H3N	H4P	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000114773051	276000114773051	NOG Rover	490517	2005	Ready	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348400700	276000348400700	NOG Rubkar	490395	2004	Riverland	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348185992	276000348185992	NOG Rudeco	490397	2003	Riverland	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	NOG	
01	HOLDEUM000120003771	276000120003771	NOG Rufeo	490998	2009	Roumare	Mr.Sam	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000351721522	276000351721522	NOG Runar	490859	2008	Roumare	Alves	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113973138	276000113973138	NOG Rupold	490364	2003	Riverland	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001268401101	276001268401101	NOG Sabius	490695	2006	Mr.Sam	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001268401102	276001268401102	NOG Sadeo	490696	2006	Mr.Sam	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131395	276000350131395	NOG Sadi	490646	2006	Shottle	Jurmel ET	H1N	H2N	H3N	H4N	H5P	CDN	NOG	
01	HOLDEUM000350131438	276000350131438	NOG Saiko	490578	2005	Shottle	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001268401110	276001268401110	NOG Sajo	490653	2006	Shottle	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348052860	276000348052860	NOG Salbei	490436	2004	Sinatra	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113695710	276000113695710	NOG Salem	490247	2002	Sierra	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113973006	276000113973006	NOG Samaro	490298	2002	Steven	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131436	276000350131436	NOG Samos	490651	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	NOG	
01	HOLDEUM000354800308	276000354800308	NOG Saroy	570416	2011	Snowman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116834057	276000116834057	NOG Satin	491114	2009	Sanchez	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001268401103	276001268401103	NOG Saverio	490697	2006	Mr.Sam	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116295668	276000116295668	NOG Savil	490863	2008	NOG Salem	Banderas	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116295662	276000116295662	NOG Saxil	490836	2008	NOG Salem	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345679928	276000345679928	NOG Scudo	490109	2000	Sierra	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348442786	276000348442786	NOG Seat	490468	2004	Spy	Preval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352642486	276000352642486	NOG Seddin	490922	2008	Stol Joc	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000115831500	276000115831500	NOG Sefor	490781	2007	Shottle	Spy	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000346882499	276000346882499	NOG Segel	490412	2004	Spy	Preval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348476061	276000348476061	NOG Selim	490628	2006	Mr.Sam	Predello	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112895655	276000112895655	NOG Sensal	490161	2000	Sierra	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350582244	276000350582244	NOG Setos	490629	2006	Shottle	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348442095	276000348442095	NOG Show	490470	2004	Spy	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001271147961	276001271147961	NOG Sidali	491021	2009	Sidney	Laudan	H1N	H2P	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000346122724	276000346122724	NOG Silvio	490158	2001	Sierra	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000768877429	276000768877429	NOG Simba	490678	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4P	H5P	CDN	NOG	
01	HOLDEUM000115767075	276000115767075	NOG Situs	490743	2007	Shottle	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753328	276000114753328	NOG Snupi	490449	2004	Spy	Lake	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
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 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000112771441	276000112771441	NOG Softy	490119	2000	Sierra	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131437	276000350131437	NOG Sol	490602	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114736149	276000114736149	NOG Solan	490430	2004	Spv	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116594617	276000116594617	NOG Soral	491080	2009	Socrates	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346122752	276000346122752	NOG Sorry	490195	2001	Sierra	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001270523451	276001270523451	NOG Spree	490933	2008	Stylist	Modest	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350131404	276000350131404	NOG Stan	490643	2006	Shottle	Bormio	H1N	H2N	H3N	H4N	H5P	CDN	NOG	
01	HOLDEUM000114853713	276000114853713	NOG Stanko	490616	2005	Shottle	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352642500	276000352642500	NOG Stepko	490890	2008	Stylist	JurmEL ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116560816	276000116560816	NOG Stojan	490892	2008	Stol Joc	Juote	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351721503	276000351721503	NOG Stolos	490915	2008	Stylist	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114736151	276000114736151	NOG Storck	490432	2004	Spv	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115767059	276000115767059	NOG Strato	490720	2007	Shottle	Jasper	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000120213036	276000120213036	NOG Subali	491138	2011	Super	Juwel	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000116567581	276000116567581	NOG Sumito	491087	2008	Shottle	Laudan	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000114429585	276000114429585	NOG Suno	490399	2003	Steven	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348941231	276000348941231	NOG Sunori	490634	2006	Shottle	Marshal ET	H1N	H2N	H3N	H4N	H5P	CDN	NOG	
01	HOLDEUM001301957137	276001301957137	NOG Sweet	490270	2002	Lukas	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114423561	276000114423561	NOG Tabak	490410	2004	Timer NL	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114520599	276000114520599	NOG Tabor	490493	2004	Talent2	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000350582277	276000350582277	NOG Tadeo	490721	2007	Toystory	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348820744	276000348820744	NOG Tagore	490532	2005	Titanic	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115022622	276000115022622	NOG Tajo	490511	2004	Timer NL	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348142084	276000348142084	NOG Talkau	490428	2004	Talent2	Ladin	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000114736157	276000114736157	NOG Talox	490438	2004	Titanic	Steven	H1N	H2N	H3N	H4N	H5N	CDC	NOG	CD Gentest
01	HOLDEUM001500150828	276001500150828	NOG Tamaro	490729	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348476067	276000348476067	NOG Tao	490542	2005	Tresor	Predello	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001268405016	276001268405016	NOG Taraki	490745	2007	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753490	276000114753490	NOG Tarim	490522	2005	Talent2	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115586122	276000115586122	NOG Tarino	490737	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348297955	276000348297955	NOG Tasus	490457	2004	Timer NL	Lake	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348285750	276000348285750	NOG Tebus	490466	2004	Timer NL	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503997	276000115503997	NOG Telmo	490723	2007	Toystory	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000348678606	276000348678606	NOG Tiber	490496	2004	Timer NL	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112689085	276000112689085	NOG Tictac	490105	2000	Tucker	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000344399299	276000344399299	NOG Tingo	490056	1999	Terry	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348476051	276000348476051	NOG Togi	490694	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114753500	276000114753500	NOG Togo	490523	2005	Titanic	Zunder	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115767031	276000115767031	NOG Tokuma	490704	2007	Toystory	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351721518	276000351721518	NOG Tokuro	490879	2008	Toystory	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114753486	276000114753486	NOG Toledo	490521	2005	Titanic	Juote	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350466927	276000350466927	NOG Tomec	490706	2007	Toystory	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500158298	276001500158298	NOG Topas	490587	2005	Titanic	Webster	H1N	H2N	H3N	H4N	H5N	CDP	NOG	CD 99% Traegerwahrscheinlichkeit
01	HOLLUXM000098673294	44200098673294	NOG Toran	490712	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753537	276000114753537	NOG Torino	490529	2005	Titanic	Esar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503908	276000115503908	NOG Torris	490701	2006	Toystory	Best	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115508279	276000115508279	NOG Tosco	490699	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351721517	276000351721517	NOG Tozzi	490878	2008	Toystory	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114853617	276000114853617	NOG Triton	490555	2005	Tresor	Zappa	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114773043	276000114773043	NOG Trulli	490515	2005	Talent2	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351002752	276000351002752	NOG Tubas	490738	2007	Toystory	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115022625	276000115022625	NOG Tudor	490513	2004	Timer NL	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115904034	276000115904034	NOG Tyros	490739	2007	Toystory	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116172842	276000116172842	NOG Tyson	490849	2008	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000112720059	276000112720059	NOG Ufo	490122	2000	Ubbo	Design	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112839168	276000112839168	NOG Unfair	490208	2000	Ubbo	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113054546	276000113054546	NOG Uwe	490141	2000	Ubbo	Cash	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753520	276000114753520	NOG Vadin	490504	2005	Vitus	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114870113	276000114870113	NOG Vadis	490426	2004	Vitus	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114753331	276000114753331	NOG Valdor	490450	2004	Vitus	Ford	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352260753	276000352260753	NOG Valur	490884	2008	Virzil	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500157005	276001500157005	NOG Vance	490507	2004	Vitus	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348613250	276000348613250	NOG Vasari	490501	2005	Vitus	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001500158791	276001500158791	NOG Vergil	490609	2005	Vitus	Zunder	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116214287	276000116214287	NOG Vesal	490921	2008	Vachim	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	NOG	
01	HOLDEUM000116594430	276000116594430	NOG Vialo	490943	2009	Vachim	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001268425753	276001268425753	NOG Vieri	490937	2008	Virzil	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348661910	276000348661910	NOG Vigal	490467	2004	Vitus	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000120003758	276000120003758	NOG Viro	490971	2009	Vachim	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114870124	276000114870124	NOG Vitalo	490431	2004	Vitus	Pedant	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348818414	276000348818414	NOG Vitas	490583	2005	Vitus	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000352732118	276000352732118	NOG Volny	490950	2009	Vachim	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348613243	276000348613243	NOG Vulko	490524	2005	Vitus	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116151002	276000116151002	NOG Wacek	490778	2007	Wildman	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116175759	276000116175759	NOG Wadim	490806	2008	Watha	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345949573	276000345949573	NOG Walaby	490170	2001	Webster	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000116151008	276000116151008	NOG Waliko	490779	2007	Wildman	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345679053	276000345679053	NOG Wampun	490168	2001	Webster	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345938651	276000345938651	NOG Wando	490183	2001	Webster	Lee	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351709554	276000351709554	NOG Webber	490793	2007	Wildman	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112903939	276000112903939	NOG Wektor	490204	2000	Webster	Brock	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345783736	276000345783736	NOG Whig	490180	2001	Webster	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113080318	276000113080318	NOG Whisky	490186	2001	Webster	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113270445	276000113270445	NOG Whynot	490166	2001	Webster	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115503934	276000115503934	NOG Wibald	490707	2006	Wildman	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000112979767	276000112979767	NOG Wintec	490154	2000	Webster	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113486115	276000113486115	NOG Wolke	490234	2001	Webster	Brock	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000345679950	276000345679950	NOG Wusel	490163	2000	Webster	Marty	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000353504267	276000353504267	NOG Xenon	491085	2009	Xacobeo	Jardin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350856657	276000350856657	NOG Zabor	490725	2007	Zesty	Magna	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM001270490069	276001270490069	NOG Zacory	490796	2007	Zesty	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114196442	276000114196442	NOG Zahni	490340	2003	Zunder	Preval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113905989	276000113905989	NOG Zamero	490367	2003	Zunder	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348052825	276000348052825	NOG Zausig	490368	2003	Zappa	Prisma	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000351542665	276000351542665	NOG Zefar	490775	2007	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000115904158	276000115904158	NOG Zelio	490791	2007	Zesty	Lucky Mike	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLNLD000490516238	528000490516238	NOG Zelot	490855	2007	Zesty	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000351827497	276000351827497	NOG Zen	490846	2007	Zenith	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350955558	276000350955558	NOG Zeon	490762	2007	Zenith	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	NOG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116044235	276000116044235	NOG Zesto	490753	2007	Zesty	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500150809	276001500150809	NOG Zetan	490819	2007	Zesty	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000115767065	276000115767065	NOG Zevon	490726	2007	Zesty	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000114196439	276000114196439	NOG Zibel	490339	2003	Zunder	Preval	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000348052830	276000348052830	NOG Zirkel	490372	2003	Zappa	Prisma	H1N	H2N	H3P	H4N	H5N	CDN	NOG	
01	HOLDEUM000113986169	276000113986169	NOG Zonk	490370	2003	Zunder	Basar	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000113829256	276000113829256	NOG Zucker	490335	2002	Zunder	Tucker	H1N	H2N	H3N	H4N	H5N	CDN	NOG	
01	HOLDEUM000353203039	276000353203039	NOG Zumeo	491002	2009	Zar	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLGBRM000000662266	826388380600227	Naberg	832854	2013	Número Uno	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000011692021	124000011692021	Nablius	811469	2013	Número Uno	Planet	H1N	H2N	H3N	H4N	H5N	CD	RBB	CD Gentest
01	HOLDEUM000343507073	276000343507073	Nabor	458245	1998	Novalis	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111938646	276000111938646	Nabur	563044	1998	Novalis	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343955836	276000343955836	Nagano	810688	1999	Novalis	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000570117072	528000570117072	Nanno	149958	2011	Niagra	Mascol ET	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLNLDM000871871330	528000871871330	Natasja	478108	2013	Galaxy	Stol Joc	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD Gentest
02	HOLDEUM000539790791	276000539790791	Nature	917596	2017	Nuance RDC	Label P	H1F	H2N	H3F	H4F	H5N	CD	RUW	CD Gentest
01	HOLDEUM000769818235	276000769818235	Naturell	680124	2012	Número Uno	Goldwin	H1N	H2N	H3N	H4N	H5N	CD	RUW	CD Gentest
02	HOLUSAM000135125982	840000135125982	Navigator	297799	2004	Avanti	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000917110122	528000917110122	Naxxos	335329	2013	Número Uno	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252149	208006257702541	Nazar	811252	2008	Nifty	Good	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000343590974	276000343590974	Neander	457763	1998	Novalis	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111708560	276000111708560	Neapel	563402	1998	Novalis	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000569274342	528000569274342	Neidahl	568595	2010	Niagra	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000112021242	276000112021242	Nektar	563432	1998	Novalis	Washington	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000816264411	276000816264411	Nellcut	767866	2015	Nugget RDC	McCutchen	H1F	H2N	H3F	H4F	H5N	CD	RBW	CD Gentest
02	HOLNLDM000644585521	528000644585521	Nemo Red	154221	2015	Nugget RDC	Altalota	H1F	H2N	H3F	H4F	H5N	CD	VOST	CD Gentest
01	HOLNLDM000776586740	528000776586740	Neola	904169	1991	Michael	Sexation	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLUSAM000070803503	840000070803503	Neptune	507163	2012	Número Uno	Planet	H1N	H2N	H3N	H4N	H5P	CD	RSH	CD Gentest
01	HOLDEUM000666429761	276000666429761	Nerius P	619094	2013	Número Uno	Mitey P	H1N	H2N	H3P	H4N	H5N	CD	Qnetics	CD Gentest
01	HOLDEUM001012138802	276001012138802	Nero	133326	1992	Nick	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLNLDM000498142574	528000498142574	Nesta	917280	2008	Lawn Boy	Major	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000664164629	276000664164629	Netmark	619013	2010	Niagra	Mascol ET	H1N	H2N	H3N	H4N	H5N	CD	Qnetics	CD Gentest
02	HOLDEUM000539787323	276000539787323	Network	917595	2017	Nuance RDC	VH Booth	H1F	H2N	H3F	H4F	H5N	CD	RUW	CD Gentest
01	HOLDEUM000349957886	276000349957886	Neuville	822189	2006	Novize	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349546695	276000349546695	Nevada	258111	2005	Ned	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000356271370	276000356271370	New StyleP	619082	2013	Número Uno	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
02	HOLNLDM000535241329	528000535241329	New Way	917355	2010	Nearby	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000947382097	276000947382097	Newton	795900	2012	Niagra	Stol Joc	H1N	H2N	H3P	H4P	H5N	CD	Greifenb	CD Gentest
01	HOLNLDM000664613169	528000664613169	Newyear	833119	2015	Speaker	Lithium	H1F	H2N	H3F	H4F	H5N	CD	MAR	CD Gentest
01	HOLGBRM000000661231	826092758845931	Nexus	804330	2013	Número Uno	Goldwin	H1N	H2N	H3N	H4N	H5N	CD	RA	CD Gentest
01	HOLGBRM388380300133	826388380300133	Neymar	151540	2012	Número Uno	Planet	H1N	H2N	H3N	H4N	H5N	CD	VOST	CD Gentest
01	HOLDEUM000354653455	276000354653455	Niall	832606	2011	Niagra	Mac	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD Gentest
01	HOLNLDM000710651967	528000710651967	Nice	833158	2015	Josuper	Número Uno	H1F	H2N	H3F	H4F	H5N	CD	MAR	CD Gentest
01	HOLUSAM000134855125	840000134855125	Nice-ET	505626	2003	Champion	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000066678213	84000066678213	Nichero	680143	2012	Número Uno	Bookem	H1N	H2N	H3N	H4N	H5N	CD	RUW	CD Gentest
01	HOLNLDM000923757959	528000923757959	Nick MR	478104	2013	Latimer	Planet	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000136337245	840000136337245	Nickel TWG	505828	2005	Marmax RF	James	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001015226640	276001015226640	Nicky	250650	1992	Nick	Chief Mark	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000813434413	276000813434413	Nidall	674221	2006	O-Man	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001404441890	276001404441890	Niffer PRF	832629	2012	Número Uno	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000893819299	528000893819299	Niger	804291	2011	Niagra	Mascol ET	H1P	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000357663125	276000357663125	Nightmare	571888	2014	Nominee	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000664075464	276000664075464	Nightstar	619023	2011	Niagra	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
02	HOLCHEM120054444444	756120054444444	Nike	145563	2006	Rustler	Kite	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344252802	276000344252802	Nikito	458372	1999	Novalis	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015208281	276001015208281	Niklas	250395	1991	Nick	Rotate	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLIRLM272004790829	372272004790829	Nikolas	472901	2008	Nifty	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDNKM000000252152	208003372303822	Nikolo	811251	2008	Nifty	Magical	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000538544822	276000538544822	Nils		2014	Go Now RF	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000666391047	276000666391047	Nilsen	619084	2013	Número Uno	Goldday	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLUSAM000070803507	840000070803507	Nimbus	507140	2012	Número Uno	Planet	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLNLDM000743120995	528000743120995	Nitro P	588026	2013	Ladd P	Sunrise	H1N	H2N	H3N	H4P	H5N	CDF	RSH	CD Gentest
01	HOLGBRM000000659259	826723519200139	Noah	619070	2012	Número Uno	Jeeves	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000578235940	276000578235940	Noak	668604	1998	Novalis	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001012258495	276001012258495	Nobel	134430	1993	Nick	Black	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLNLDM000723403845	528000723403845	Nobel-Red	265400	2017	Nova Star	Whatsapp	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000385596808	528000385596808	Nobility	633780	2004	Timer NL	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000578412469	276000578412469	Nobis	668737	1998	Novalis	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000250192	208005603102116	Nobleman	674305	2006	Jordan 3	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000718141783	528000718141783	Noel	156580	2016	DG Charley	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000111892047	276000111892047	Noken	563401	1998	Novalis	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000256465	208002371402476	Nolde	151546	2012	Número Uno	Time	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000205593255	528000205593255	Nomade	668595	1998	Novalis	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000770147143	276000770147143	Nomen	681814	2014	Nominee	Mogul	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000357285537	276000357285537	Nomino	833082	2014	Nominee	Cameron	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001302405341	276001302405341	Norbert	802654	2004	Noomi	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001303584058	276001303584058	Norder	636664	2009	Novize	Sosa 2	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000343845570	276000343845570	Nordgraf	458241	1999	Novalis	Mascol	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003010363658	840003010363658	Nordic	507966	2014	Nominee	Lithium	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
02	HOLDEUM000358101892	276000358101892	Nordic	156560	2015	Norwin	Secure Red	H1F	H2P	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDNKM000000256235	208002371402485	Nordkap	619077	2012	Número Uno	Time	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001603904283	276001603904283	Nordmann	619190	2018	Nuance RDC	Commander	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLFRAM008597026151	250008597026151	Norge	791402	1997	Fatal	Mascol	H1N	H2N	H3N	H4N	H5N	CDN	BayGen	
01	HOLNLDM000884122429	528000884122429	Norge	149979	2011	Niagra	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344751854	276000344751854	Norino	810719	1999	Novalis	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000220862745	528000220862745	Norko	668590	1998	Novalis	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254224	208004109204178	Norman	149936	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOL840M003127604124	840003127604124	Norman PP	507820	2014	Style P	Ladd P	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000951857235	276000951857235	Norway PP	792960	2016	Nova PP	Red Fox	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
02	HOLDEUM000539693467	276000539693467	Notebook P	917615	2017	Nuance RDC	Apoll P	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000344663949	276000344663949	Novar ET	840434	1998	Novalis	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000232807361	528000232807361	Novize	325517	1998	Novalis	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000767562742	276000767562742	Novum	325622	1998	Novalis	Marvel ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000770330696	276000770330696	Novum	917559	2015	Nugget RDC	Ellmau	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001400877947	276001400877947	Novus	830792	1998	Novalis	Bartolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538854484	276000538854484	Nuance RDC	682270	2015	Nugget RDC	Snow RF	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDNKM000000256462	208003345101844	Nubow	767123	2013	Número Uno	Bowser	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000921225625	528000921225625	Nucleus	680239	2013	Número Uno	Auckland	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLGBRM388380300287	826388380300287	Nugget RDC	680244	2013	Número Uno	Destry	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000537480693	276000537480693	Number	680112	2012	Número Uno	Cassano	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000538921482	276000538921482	Nuntius	917589	2015	Nugget RDC	Julandy	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000592179599	528000592179599	Nureno	804314	2012	Nugget RDC	Super	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
02	HOLDEUM000538944176	276000538944176	Nutcracker	917563	2016	Nugget RDC	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000062477584	840000062477584	O Mars	822101	2005	O-Man	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000388965777	528000388965777	O-Boy	634894	2006	O-Man	Marshall	H1P	H2N	H3P	H4N	H5N	CDN	ZBH	
01	HOLDEUM000769095104	276000769095104	O-Donall	676030	2008	O-Man	Gibor	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000352976353	276000352976353	O-Magic P	678051	2010	O-Man	Dieter P	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000938118821	276000938118821	O-Star	794630	2004	O-Man	Heldostar	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLNLDM000641884014	528000641884014	Oasis	833011	2013	AltaOak	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815921995	276000815921995	Obabo	767655	2014	Overbay	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLITAM001990471833	380001990471833	Obasi	149915	2010	Otto	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344475970	276000344475970	Obelix	459530	2000	Outside	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001262096966	2760001262096966	Oberon	810760	1999	Outside	Bonatus	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM003704250096	250003704250096	Oberon	804033	2005	Okendo	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLGBRM163476701500	826163476701500	Oberst	811437	2011	Observer	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
02	HOLDEUM000579768600	276000579768600	Obhaupt	597103	2003	Origin	Lucky Red	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537575197	276000537575197	Obolus	680224	2013	Observer	Atwood	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLGBRM915010410942	826915010410942	Obrien	570413	2011	Observer	Buckeye	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000730435653	528000730435653	Obtain	679303	2011	Observer	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLFRAM005698027935	250005698027935	Ocean	801664	1998	Mattie G	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM005925355602	250005925355602	Oceano	504920	1998	Wells	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000249603	208003372302848	Ocko	763975	2005	Okendo	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000114056177	276000114056177	Octavius	565768	2003	Outside	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOL840M003134167082	840003134167082	Octavus	508244	2015	Octavian	AltaOak	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000351783265	276000351783265	Oderi	811225	2007	Oliver 2	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345742015	276000345742015	Odilo	459823	2000	Outside	Belt	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357143615	276000357143615	Odin P RDC	833087	2014	Overbay	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFRAM005925357683	250005925357683	Odixy	504919	1998	Wells	Luke	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000419998626	528000419998626	Odonkor	634505	2005	Okendo	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLGBRM000000652920	826180968701456	Odyssey	832575	2011	Gerard	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349747176	276000349747176	Offroad	633988	2004	Outside	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000346670881	276000346670881	Offspring	463390	2003	Outside	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000113996014	276000113996014	Ogdan	597102	2003	Origin	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000538431065	276000538431065	Ohio P	681125	2014	Ohare	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RUW	
01	HOLDEUM001302841602	276001302841602	Ohlsen	804055	2006	Onestiz	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM001404497201	276001404497201	Okaido	477178	2012	O Style	Mac	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLFRAM002941264959	250002941264959	Okal	831637	2004	Okendo	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404302999	276001404302999	Okan	832586	2011	Observer	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM097990009811	380097990009811	Okand	764031	2005	Okendo	Britt ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM002258171928	250002258171928	Okapi	634205	2004	Okendo	Addison	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001404867240	276001404867240	Okavango	833080	2014	Overbay	Mogul	H1F	H2N	H3F	H4F	H5N	CDN	MAR	
01	HOLFRAM005365312203	250005365312203	Okay	673724	2005	Okendo	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000346718322	276000346718322	Okelli	463525	2003	Outside	Storm	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000440865298	528000440865298	Oktall	674415	2006	Okendo	Simon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349943003	276000349943003	Oktavian	258535	2005	Okendo	Morty	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000249460	208003001001510	Oktavian	634572	2005	O-Man	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000385454599	528000385454599	Okular	822097	2004	Okendo	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000930072991	528000930072991	Ola	823084	2013	Suran	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000358034749	276000358034749	Olaf	154229	2015	One-Red	Fanatic	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLNLDM000428832256	528000428832256	Olaf	804005	2005	O-Man	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351886338	276000351886338	Oldtimer	470291	2007	Oliver 2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353027195	276000353027195	Ole	472948	2009	Oliver 2	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	Goepel	
01	HOLDEUM001302841600	276001302841600	Ole	804056	2006	Onestiz	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000537808184	276000537808184	Ole PP RDC	681126	2014	Ohare	Colt-P	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLNLDM000759639577	528000759639577	Ole PP RDC	833075	2014	Ohare	Colt-P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001304766578	276001304766578	Oleander P	823123	2014	Ohare	Snowman	H1P	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLFRAM004241029228	250004241029228	Olfact	329708	2005	Okendo	Lorak	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357293363	276000357293363	Olidin P	811542	2014	Ohare	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLUSAM000135753323	840000135753323	Oligos	329468	2004	O-Man	Hershel	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000424009755	528000424009755	Olim	804009	2005	O-Man	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000360175110	276000360175110	Olino	811608	2017	Outlast	AltaSpring	H1C	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000346338653	276000346338653	Oliv	463394	2003	Outside	Lee	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000418031735	528000418031735	Oliver	804003	2005	Okendo	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000257940	208002371402743	Olsen	619125	2014	Overbay	Epic	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000735979000	528000735979000	Oltmann	149991	2011	Observer	Bolton	H1N	H2N	H3N	H4N	H5N	CDC	VOST	CD Gentest
01	HOLDEUM001302654897	276001302654897	Olymp	804011	2005	Onestiz	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344096248	276000344096248	Olympic	459207	2000	Outside	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM001445852593	250001445852593	Olympus	636146	2008	Oliver 2	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580388142	276000580388142	Omagic	674301	2006	O-Man	Lambada	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000061184058	840000061184058	Omago	672954	2004	O-Man	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000135444964	840000135444964	Omaha	505624	2004	O-Man	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000427218361	528000427218361	Omajo	840794	2005	O-Man	Major	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000415877213	528000415877213	Omallis	672947	2004	O-Man	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000135885017	840000135885017	Omally	672957	2004	O-Man	Marshall	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000495578505	528000495578505	Omambo	840915	2008	O-Man	Titanic	H1N	H2N	H3P	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000388665048	528000388665048	Omanius	672946	2004	O-Man	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000392359814	528000392359814	Omany	840763	2004	O-Man	Aaron	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLIRLM191181730644	372191181730644	Omaran	673460	2005	O-Man	Steven	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDNKM000000249902	208002981401898	Omaru	674029	2005	O-Man	Lambada	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579542620	276000579542620	Omatido	673730	2005	O-Man	Aaron	H1P	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000370771692	528000370771692	Ombis	566605	2004	O-Man	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000135523342	840000135523342	Ombigo	673447	2004	O-Man	Emory	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000580285996	276000580285996	Omedo	673224	2005	O-Man	Outside	H1N	H2P	H3P	H4N	H5N	CDN	RUW	
01	HOLIRLM272004770562	372272004770562	Omega	802670	2004	O-Man	Manat	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLITAM019990093279	380019990093279	Omega	672738	2004	O-Man	Marshall	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000350775645	276000350775645	Omello	148027	2007	O-Man	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344667600	276000344667600	Omen	326596	2000	Outside	Mason	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135180411	840000135180411	Omercy	672598	2004	O-Man	Blitz	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000898053962	528000898053962	Omero	811438	2011	Observer	Alino	H1N	H2N	H3N	H4N	H5P	CDF	RBB	CD Gentest
01	HOLUSAM000061488658	840000061488658	Omesto	672911	2004	O-Man	Marshall ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000061894621	840000061894621	Omfield	672960	2004	O-Man	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000424009801	528000424009801	Omgen	673458	2005	O-Man	Aaron	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000418232648	528000418232648	Omincer	763668	2005	O-Man	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000387902696	528000387902696	Ominos	672949	2004	O-Man	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000249262	208002371401544	Omjet	673219	2004	O-Man	Winchester	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLUSAM000052357953	840000052357953	Omnes	672356	2004	O-Man	Durham	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000388277247	528000388277247	Omro	672715	2004	O-Man	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000385454885	528000385454885	Omsk	672736	2004	O-Man	Webster	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000813275697	276000813275697	Omtto	763960	2005	O-Man	Mtoto	H1N	H2N	H3P	H4N	H5N	CDN	RBW	
01	HOLNLDM000419314295	528000419314295	Omveto	673099	2004	O-Man	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000535282665	276000535282665	On Air	676070	2008	Omatido	Ramos	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000535781522	276000535781522	On Top	676943	2009	O-Man	Laudan	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000536054773	276000536054773	Once More	677304	2009	Onward	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000103412680	124000103412680	One Man	822151	2005	O-Man	Durham	H1N	H2N	H3P	H4N	H5N	CDN	RA	
02	HOLDEUM000537575182	276000537575182	One-Red	811475	2012	Número Uno	Aftershock	H1N	H2N	H3N	H4N	H5N	CDF	MAR/RBB	CD Gentest
01	HOLFRAM002998012149	250002998012149	Onestiz	801095	1998	Rudolph	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000950484736	276000950484736	Onion	796713	2015	One-Red	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000353157469	276000353157469	Online	260800	2009	Onward	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM001501256176	276001501256176	Only One	811560	2015	One-Red	Gold-Red	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000758140434	528000758140434	Onno P	823169	2015	PowerballP	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000352147458	276000352147458	Ontario	148060	2008	O-Man	Best	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM001403873842	276001403873842	Onzo	473466	2010	Onward	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLDEUM000580556153	276000580556153	Opal-Red	917100	2006	Optimal	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580245540	276000580245540	Oparin	811158	2006	O-Man	Mtoto	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000348261897	276000348261897	Opec	465473	2004	Outside	Raider	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538551465	276000538551465	Opic	811535	2014	Overbay	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000940315274	276000940315274	Opodo P	330512	2006	Oswald-P	Poll. Plus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114151991	276000114151991	Opra	597113	2003	Origin	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000121498386	276000121498386	Optical	833026	2014	AltaOak	Jeeves	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000344399321	276000344399321	Optimal	459463	2000	Outside	Hardtac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001301952394	276001301952394	Opus	802596	2003	Outside	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000355071199	276000355071199	Orakel	151515	2012	Observer	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000428205782	528000428205782	Orakel	466556	2005	O-Man	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000348164428	276000348164428	Orbit	831518	2003	Origin	Boliant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579330876	276000579330876	Orca	916530	2002	Origin	Dollar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000372570736	528000372570736	Orcas	328824	2004	O-Man	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000480999715	528000480999715	Orchester	470513	2007	Oliver 2	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350287915	276000350287915	Oregon	258525	2005	Okendo	Morty	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000579267538	276000579267538	Orendel	916869	2003	Origin	Savoy Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579883004	276000579883004	Orestes	916856	2003	Origin	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579888327	276000579888327	Organizer	916926	2004	Origin	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000385698560	528000385698560	Oriente	916952	2003	Origin	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000576536679	276000576536679	Origin	912090	1995	Oregon	Tristan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000070346561	84000070346561	Originator	506898	2011	O Style	Planet	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLLUXM000198713090	442000198713090	Oriko	676153	2008	O-Man	Lancelot	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000534348176	276000534348176	Orinoco	811074	2005	Okendo	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666493119	276000666493119	Orinoco PP	619118	2014	Ohare	Observer	H1F	H2N	H3C	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001302802953	276001302802953	Orion	804116	2007	O-Man	Manat	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000580668703	276000580668703	Orkan	804035	2006	Okendo	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000060512320	84000060512320	Orkney	670652	2001	Orion	Avalanche	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM017990189869	380017990189869	Orlando	831853	2005	Okendo	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990151045	380019990151045	Orlando	804002	2005	O-Man	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000061976679	840000061976679	Orlando	329346	2004	O-Man	Forbidden	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000579899238	276000579899238	Orly	916899	2003	Origin	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000533995727	276000533995727	Ormond	916897	2003	Origin	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM017990189874	380017990189874	Ornament	329774	2005	Okendo	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000365742809	528000365742809	Orsino	916902	2003	Origin	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLSWEM00000090729	752008101850889	Orson	259065	2006	O-Man	Ramos	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLDEUM001505928723	276001505928723	Ortega	822412	2010	Onward	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000061429185	840000061429185	Orwell	329150	2004	O-Man	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000358133075	276000358133075	Oslo	833112	2015	Overbay	Yorick	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000663626512	276000663626512	Otamendi	804253	2010	Man-O-Man	Lou	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM001262096965	276001262096965	Othello	459731	1999	Outside	Bonatus	H1P	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536493702	276000536493702	Otis	677903	2010	Omro	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000487634457	528000487634457	Ottler	635931	2007	Fortune3	O-Man	H1P	H2N	H3P	H4N	H5N	CDN	ZBH	
01	HOLDEUM000344096186	276000344096186	OttokarALL	669456	1999	Mtoto	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM003598069556	250003598069556	Oudwig	801673	1998	Ludwig	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000811643334	276000811643334	Outblack	761568	2000	Outside	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000122828441	276000122828441	Outlander	833284	2017	Outlast	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000073191599	840000073191599	Outlast PP	508062	2015	PowerballP	Predestine	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001402956038	276001402956038	Outlook	831912	2006	Outside	Mandel	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113186560	276000113186560	Outmodel	564787	2001	Outside	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114056174	276000114056174	Outzar	565765	2003	Outside	Rudolph	H1N	H2P	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500163626	276001500163626	Over	831495	2003	Outside	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000427373420	528000427373420	Overall	673722	2005	O-Man	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000815921994	276000815921994	Overbec	767600	2014	Overbay	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001602988393	276001602988393	Oversea	619049	2011	Robserver	Alexander	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOL840M003014561936	840003014561936	Overspeed	823143	2014	Racer	Robust	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000357795152	276000357795152	Overtop	833069	2014	Overbay	Epic	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001500163625	276001500163625	Ovid	831520	2003	Outside	Skychief	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534348167	276000534348167	Oxan	673226	2005	O-Man	Jarny jabo	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM001404516489	276001404516489	Oxpecker P	833028	2014	Ohare	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000122934331	276000122934331	PG Mister	499103	2017	Mission P	Commander	H1F	H2N	H3F	H4F	H5N	CDF	BayGen	CD Gentest
01	HOLDEUM000341661265	276000341661265	Pablo	414825	1997	Patrick	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265338200	276001265338200	Pablo	823118	2014	PerfectAik	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLUSAM000062439933	840000062439933	Pablo	505791	2005	Best	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354679656	276000354679656	Pabst Z	475450	2011	Plan Z	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOL840M003135087146	840003135087146	Pace Red	917561	2015	Pat-Red	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLITAM019990532833	380019990532833	Pacelli	832243	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001269135905	276001269135905	Pachto ET	395369	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001303319126	276001303319126	Pacific	804207	2008	Pagewire	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500756574	276001500756574	Pack	822023	2004	Champion	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000069207638	840000069207638	Paddy	506608	2010	Domain	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLDEUM000356948518	276000356948518	Padlock P	833029	2014	Parker P	Atwood	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000345863925	276000345863925	Pador	460682	2001	Pedant	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002258172271	250002258172271	Padua	676402	2008	Pagewire	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000344955178	276000344955178	Paganini	810749	1999	Preval	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001300826353	276001300826353	Paganini	801737	2000	Prisma	Lux	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000487950315	528000487950315	Pagano	822291	2008	Pagewire	Titanic	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLFRAM001452582098	250001452582098	Pagasus	840969	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001501195300	276001501195300	Pageno	811299	2009	Pagewire	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000535272189	276000535272189	Pager	676155	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001303432250	276001303432250	Pagero	840975	2009	Pagewire	Leif	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM002236353137	250002236353137	Pagewart	840932	2008	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000535465371	276000535465371	Pagini	260494	2008	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000351318950	276000351318950	Pagnolo	840925	2008	Pagewire	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM004241487886	250004241487886	Pagoman	765275	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000522667613	528000522667613	Pagy	764848	2008	Pagewire	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000816252251	276000816252251	Paikman	997880	2016	Pat-Red	Aikman	H1F	H2P	H3F	H4F	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000349017292	276000349017292	Painter	916806	2002	Paradox	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000116325157	276000116325157	Pakison	568562	2008	Pagewire	Allen	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLAUTM000138588416	040000138588416	Pakistan	795260	2008	Pagewire	Throne	H1P	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000358389006	276000358389006	Palace	833149	2015	Penley	Miles	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLFRAM001452581999	250001452581999	Paladino	472010	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001014131426	276001014131426	Palais	800246	1993	Prelude	Levi	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000360157987	276000360157987	Palast RDC	833306	2017	Pace Red	Penmanship	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001305358686	276001305358686	Palau	823189	2016	Puma MR	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000346527408	276000346527408	Palazzo	461912	2002	Pedant	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359050372	276000359050372	Palermo	156563	2016	Penley	Boss	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000666825546	276000666825546	Paletti PP	619141	2015	PowerballP	Effect P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000539346729	528000539346729	Palio	151523	2012	Palermo	Shottle	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000520750889	528000520750889	Pallet	676950	2009	Folletto	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000817418445	528000817418445	Palma	820170	1993	Prelude	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351721507	276000351721507	Palmas	471096	2008	Pagewire	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535562813	276000535562813	Palmiras	331850	2008	Pagewire	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001404313005	276001404313005	Palmiro P	832588	2011	Plan Z	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLUSAM000134883647	840000134883647	Palmy	916898	2003	Paradox	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352950141	276000352950141	Pamero	472713	2009	Pagewire	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000812698287	276000812698287	Pamery	996266	2003	Paradox	Emery	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000762557275	528000762557275	Pamino	811503	2013	Picanto	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM001405290964	276001405290964	Pan Red PP	833302	2017	Powerful	Apoll P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000579872856	276000579872856	Panama	922367	2003	Paradox	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000356674169	276000356674169	Panama P	335353	2013	Parker P	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000360280338	276000360280338	Panasonic	833293	2017	Mr Puma	President	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000359829199	276000359829199	Panda	156594	2017	Mr Puma	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000416009582	276000416009582	Panda	456521	1997	Patrick	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135110823	840000135110823	Panda	505637	2004	Throne	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDNKM003372307972	208003372307972	Panders	924760	2018	Pace Red	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLITAM019990457238	380019990457238	Pandino	148067	2008	Pagewire	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000579542524	276000579542524	Pandora	916884	2003	Paradox	Yava	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000121142822	276000121142822	Pandoro	571868	2013	Pilot MR	Bookem	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000347162827	276000347162827	Pandoro	326894	2000	Predello	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346122402	276000346122402	Pandux	461310	2001	Pedant	Berger	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344210989	276000344210989	Panorama	495581	2000	Panther	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501194526	276001501194526	Panorama	804196	2008	Pronto	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM004241432127	250004241432127	Pantani	636445	2008	Pagewire	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001501947623	276001501947623	Pantero	811454	2012	Plan Z	Eminem	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
02	HOLDEUM000540130041	276000540130041	Pantheon	917622	2017	Pace Red	Battlecry	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001015240028	276001015240028	Panther	810180	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000964580062	528000964580062	Panther	499038	2014	Balisto	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	Goepel	CD Gentest
01	HOLFRAM002258172274	250002258172274	Pantry	148066	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001021421422	276001021421422	Panzer ET	396404	1993	Prelude	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579473747	276000579473747	Pao	916804	2003	Paradox	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000533906171	276000533906171	Paolini	462780	2003	Paradox	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663457202	276000663457202	Papageno	636540	2009	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000488256586	528000488256586	Papageno	472241	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537785428	276000537785428	Paper P	680662	2013	Parker P	Shottle	H1N	H2N	H3N	H4N	H5P	CDC	RUW	CD Gentest
01	HOLITAM017990676752	380017990676752	Paquito	472248	2008	Pagewire	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579542517	276000579542517	Para-red	996183	2003	Paradox	Lucky Red	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000253239	2080003432002211	Parabol	332620	2009	Planet	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000134804530	840000134804530	Parade	505699	2003	Marshall	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535640253	276000535640253	Paradies	471843	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000121719348	276000121719348	Paradiso	571917	2015	Penley	Supersire	H1F	H2N	H3C	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000661952797	276000661952797	Parador	922331	2003	Paradox	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000533958801	276000533958801	Parall	671319	2002	Zunder	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000007355180	124000007355180	Paramos	916893	2003	Paradox	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001402537014	276001402537014	Parat	831686	2004	Paradox	Roels	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000533006887	276000533006887	Parcello	914663	1999	Passus	Reyno	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001404760815	276001404760815	Parco PP	833048	2014	Parker P	Colt-P	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000769308636	276000769308636	Parcour	677198	2009	Pagewire	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM017990676795	380017990676795	Parenzo	832382	2008	Pagewire	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000101657095	276000101657095	Parey	800170	1992	Pamir	Mandingo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000594341309	528000594341309	Pargo Red	833315	2017	Argo	Entitle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000253852	208004109203957	Paris	148560	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLCANM000104948010	124000104948010	Parkhurst	503971	2007	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000254163	208004141201798	Parma	804249	2009	Planet	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000353649969	276000353649969	Parma PP	599490	2010	Mitey P	Perk Red	H1N	H2N	H3N	H4N	H5N	CDP	RSH/RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000122828457	276000122828457	Paroli	573650	2017	Pledge	Superman	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000768315399	276000768315399	Parox	597101	2003	Paradox	Cared	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000578130298	276000578130298	Parsifal	668460	1998	Patron	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001303638545	276001303638545	Parsley	804247	2009	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
02	HOLUSAM000131763104	840000131763104	Partyboy	297655	2001	Rubens RF	Johnson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000812698283	276000812698283	Parud	996263	2003	Paradox	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000576278802	276000576278802	Pascal	665357	1993	Prelude	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000491605203	528000491605203	Pascha	795310	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
02	HOLNLDM000720661301	528000720661301	Pascha Red	917468	2012	Savage	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
02	HOLDEUM000360151521	276000360151521	Pasco Red	833325	2017	Pace Red	Battlecry	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000351690473	276000351690473	Pashott	260101	2008	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000354420212	276000354420212	Pasolini	811402	2010	Pitbull	Jefferson	H1N	H2P	H3N	H4P	H5N	CDP	RBB	CD 91% Traegerwahrscheinlichkeit
01	HOLDEUM001271351409	276001271351409	Passero	811471	2012	Plan Z	Butch	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000536542514	276000536542514	Passion	795560	2010	Planet	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000663523481	276000663523481	Passoa	832462	2009	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM003704257008	250003704257008	Pastewka	822316	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000525966861	528000525966861	Paston	822383	2009	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000661677701	276000661677701	Pat	632374	2001	Patriot	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000578281090	276000578281090	Pate	668588	1998	Patron	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000667171066	276000667171066	Pate	924758	2018	Pace Red	Modeco	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001021305249	276001021305249	Pate	810194	1993	Prelude	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000356229947	276000356229947	Pate PP	796100	2013	Parker P	Mitey P	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000352950142	276000352950142	Patras	260787	2009	Pagewire	Durham	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000368104211	528000368104211	Patras	831625	2004	Patrizier	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402057280	276001402057280	Patrizier	830621	1997	Patron	Cubby	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537810391	276000537810391	Patron P	263100	2013	Parker P	Beacon	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000197064605	528000197064605	Patros	821037	1997	Patron	Cubby	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001021421291	276001021421291	Patterson	396390	1994	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352042398	276000352042398	Pattex	822317	2008	Pagewire	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000357563101	276000357563101	Paul P	336437	2014	PerfectAik	Larson	H1F	H2N	H3F	H4F	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001021389035	276001021389035	Paulitz	396286	1994	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345655086	276000345655086	Paulus	821177	2000	Preval	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000102825396	528000102825396	Paulus	840168	1994	Prelude	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herd.b.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM001021140101	276001021140101	Paulus ET	455198	1992	Petisso Rf	Inka Lass	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000115113541	276000115113541	Pavel	566680	2005	Prospect	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021352834	276001021352834	Pavian	395652	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666506501	276000666506501	Pax	823111	2013	PerfectAik	Fidji	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
02	HOLNLD0000666448448	528000666448448	Payback	588674	2014	PerfectAik	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
02	HOLDNKM000000257084	208002371402620	Payball	924725	2014	PerfectAik	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
02	HOLDEUM000666993670	276000666993670	Payred	924751	2017	Payball	Brekom	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLFRAM003531422122	2760003531422122	Payton	840962	2008	Pagewire	Marion	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLD000525966931	528000525966931	Pazzini	822384	2009	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
02	HOLCANM000102327649	124000102327649	Peaceful	916923	2004	Talent2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD0000878890851	528000878890851	Peak RDC	681119	2014	PerfectAik	Hunter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
02	HOLDEUM000355059457	276000355059457	Pearl-Red	262055	2011	Pembroke	Classic PS	H1N	H2N	H3P	H4N	H5N	CDN	OHG	CD Gentest
01	HOLDEUM000345966952	276000345966952	Pebono	461680	2001	Pendant	Juror	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346087881	276000346087881	Pedalo	460576	2001	Pedant	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345679936	276000345679936	Pedalo ET	840536	2000	Pedant	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001021497684	276001021497684	Pedant	399475	1994	Prelude	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346301509	276000346301509	Pedator	461093	2001	Pedant	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345757030	276000345757030	Peddy	460580	2001	Pedant	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579153603	276000579153603	Peer	802512	2001	Predello	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000356620383	276000356620383	Peer P RDC	335417	2013	Picanto	Mitey P	H1N	H2N	H3P	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000534651747	276000534651747	Pegasus	145549	2007	Potter	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000539046075	276000539046075	Pegasus	682278	2015	Penley	Shotglass	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001303424776	276001303424776	Pegasus	804192	2008	Pagewire	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000349017291	276000349017291	Pelagius	596594	2002	Paradox	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLD000527992750	528000527992750	Pelati	811348	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM000347500263	276000347500263	Pele	256848	2003	Pedant	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001012111756	276001012111756	Pele	134408	1993	Prelude	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000666431985	276000666431985	Pele P	924724	2013	PerfectAik	Mitey P	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM000346178185	276000346178185	Pele PP RF	681109	2014	Parker P	Colt-P	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000253227	208003372304303	Pelegrino	636593	2009	Planet	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	CD Gentest
01	HOLDEUM000536356168	276000536356168	Peleus	333096	2010	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLD0000878890750	528000878890750	Pelican P	588678	2014	PerfectAik	Colt-P	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM001021314240	276001021314240	Penang ET	395386	1993	Prelude	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346178185	276000346178185	Penro	461813	2002	Pedant	Clown	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000948526958	276000948526958	PentagonRF	571872	2014	PerfectAik	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000357706795	276000357706795	Pentos	833152	2015	Penley	Epic	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLAUTM000137320329	040000137320329	Pepegriilo		2014	Prevalent	Barbarossa	H1F	H2N	H3F	H4F	H5N	CDN	ZAR Wien	
01	HOLDEUM000953021002	276000953021002	Pepper	833313	2017	Mr Puma	Dolph	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000346331995	276000346331995	Peppin	461820	2002	Predello	Patron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404580576	276001404580576	Peppone	833165	2015	Penley	Cameron	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLFRAM001445852710	250001445852710	Peradi	811369	2010	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001602626570	276001602626570	Perazzi	841004	2009	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
02	HOLUSAM000061306095	840000061306095	Percy	916928	2004	Persia-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538155657	276000538155657	Percy RDC	680960	2013	PerfectAik	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001269135908	276001269135908	Pereno	810233	1993	Prelude	Secret	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000135062894	840000135062894	Perfect 2	505608	2004	Best	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000538270556	276000538270556	Perfection	917574	2014	PerfectAik	Selayo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001021305106	276001021305106	Perfekt	665261	1993	Raider	Triple	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000008927491	12400008927491	Perform	917214	2007	Elayo	Salto RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000539273323	276000539273323	Perikles	997900	2016	Percy RDC	Sympatico	H1F	H2N	H3C	H4F	H5N	CDN	RBW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000358241745	276000358241745	Perin	811564	2015	Penley	Frisco	H1F	H2N	H3C	H4F	H5N	CDF	RBB	CD Gentest
02	HOLDEUM001402559155	276001402559155	Perkins	831708	2004	Pericles 2	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000104824337	124000104824337	Perla	917152	2007	Brigadeer	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580285986	276000580285986	Perledo	597190	2005	Persia-Red	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345864935	276000345864935	Perlitop	461095	2001	Pedant	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002141060249	250002141060249	Pernod	148598	2009	Planet	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
02	HOLDEUM001404760550	276001404760550	Pero Red P	833005	2013	PerfectAik	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001272471500	276001272471500	Peros	823180	2015	Penley	Shaw	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001300797010	276001300797010	Perry	801738	2000	Prisma	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116593055	276000116593055	Persepolis	568567	2008	Pagewire	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLAUTM000405591609	040000405591609	Perser	792620	2005	Persia-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLUSAM000135854444	840000135854444	Perser-Red	297836	2004	Persia-Red	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLUSAM000135854426	840000135854426	Persico	917011	2004	Persia-Red	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001501000641	276001501000641	Persie	822387	2009	Pagewire	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001011176891	276001011176891	Peru ET	323404	1993	Prelude	Russ	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000061720041	840000061720041	Peso Red	297809	2004	Paradox	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000756516657	528000756516657	Pesto P	154228	2015	PowerballP	Snowman	H1F	H2N	H3C	H4F	H5N	CDF	VOST	CD Gentest
01	HOLUSAM000063031870	840000063031870	Peter	506506	2010	Man-O-Man	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000070750513	840000070750513	Peter	506959	2011	O Style	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	Qnetics	
02	HOLDEUM000537942984	276000537942984	Petisso	917532	2013	PerfectAik	Elburn	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000353157497	276000353157497	Petit	822393	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000352117523	276000352117523	Petric	822303	2008	Pagewire	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000345835222	276000345835222	Petronas	810851	2001	Pedant	Titan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001015240077	276001015240077	Pfarrer	560451	1993	Prelude	Laban	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000534704744	528000534704744	Phaeton	822452	2010	Super	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000343643351	276000343643351	Pharao	457232	1998	Patron	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000069822413	840000069822413	Pheno-RedP	298078	2010	Pitbull	Lawn Boy	H1N	H2P	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001269135906	276001269135906	Phillipp	810190	1993	Prelude	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000534704737	528000534704737	Philo	822473	2010	Super	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM001403804982	276001403804982	Phivos	832540	2010	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404947488	276001404947488	Phoenix	823161	2015	President	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000344235204	276000344235204	Photon	810792	2000	Panther	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000715952005	528000715952005	Piano	156593	2017	Pledge	Silver	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001404580514	276001404580514	Piano RDC	832864	2013	Phoenix	Beacon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401171750	276001401171750	Picador RF	830889	1999	Pickel	Jed	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061757650	840000061757650	Pical	505778	2005	Duce	Magna	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000699652964	528000699652964	Picanto	333988	2011	Snowman	Mac	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000576171688	276000576171688	Picasso	068387	1992	Pigeonwood	Radon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401240835	276001401240835	Picasso	830903	1999	Piramide	Lew	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000833518374	528000833518374	Picasso	820171	1993	Prelude	Chief Mark	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000122112438	276000122112438	Pickup	571912	2015	Penley	LiquidGold	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLFRAM002916753086	250002916753086	Pickwig	801697	1999	Igale Masc	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000537555231	276000537555231	Picobello	680663	2013	Piedro	On Top	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLFRAM002223674122	250002223674122	Picotin	326416	1999	Hairybreiz	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001505938699	276001505938699	Picus	822458	2010	Logan	Bolton	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000536745380	276000536745380	Piedro	804279	2010	Prince	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM001021323528	276001021323528	Piepo	395637	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001266875354	276001266875354	Pierre	804309	2012	Pioneer	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM000535571757	276000535571757	Piexon	840995	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLDEUM001021316210	276001021316210	Pik ET	396182	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000116981950	276000116981950	Pikeur	149969	2010	Piccolo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM00000254149	208008155701297	Pikeur	473945	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345676390	276000345676390	Pikjunior	459466	2000	Pik ET	Curious ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404556268	276001404556268	Pilates	832853	2013	Pilot MR	Barnaby	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001269135910	276001269135910	Pilatus	810271	1994	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000570437590	528000570437590	Pilger	804254	2010	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLGBRM00000652827	826382702605496	Pilot MR	832573	2011	Man-O-Man	Baxter 2	H1F	H2N	H3F	H4F	H5N	CDN	MAR	
01	HOLNLDM000295067221	528000295067221	Pinaro	762104	2001	Major	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000290158272	528000290158272	Pimkie	505276	2000	Durham	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001014138602	276001014138602	Pin	282923	1994	Prelude	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000354368739	276000354368739	Pinball	474897	2010	Pitbull	Jefferson	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355359157	276000355359157	Pineero	491183	2012	Pioneer	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000113287296	276000113287296	Pinocchio	564729	2001	Predello	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM002141060248	250002141060248	Pinolo	822391	2009	Planet	O-Man	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000352198816	276000352198816	Pinosa	811261	2008	Pagewire	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666869564	276000666869564	Pinterault	499072	2016	Penley	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000344274985	276000344274985	Pinto	459522	2000	Preval	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000530632744	528000530632744	Pinto	148562	2009	Planet	O-Man	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000522336869	528000522336869	Pioneer	832498	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000592179809	528000592179809	Piotas	475884	2012	Pioneer	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536745383	276000536745383	Piranesi	811396	2010	Prince	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM001270523461	276001270523461	Pirat	804205	2008	Pagewire	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000727982292	528000727982292	Pirate	499061	2016	Icone	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000354895812	276000354895812	Pirelli	475751	2011	Plan Z	Encino	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112314093	276000112314093	Pirgo	326663	1999	Proton-ET	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM007230840335	250007230840335	Pirlo	148586	2009	Planet	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000767573276	528000767573276	Pirlo	832867	2013	Picanto	Planet	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
02	HOLDEUM000578191299	276000578191299	Pirmin	914669	1999	Picasso	Flint Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578905876	276000578905876	Pirot	671165	2002	Pippen	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000355358352	276000355358352	Pirox	475882	2012	Pioneer	Jobert	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000344029801	276000344029801	Pirus	810755	1999	Pik ET	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000356127064	276000356127064	Piscus	335492	2013	Picanto	Beacon	H1N	H2N	H3P	H4N	H5P	CDN	MAR	
01	HOLDEUM000360321863	276000360321863	Pit	156584	2017	Phoenix	Lexington	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000355651085	276000355651085	Pitt	804311	2012	Pioneer	Fibrax	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000352456513	276000352456513	Pius	148527	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000345221833	276000345221833	Pizarro	326358	2000	Preval	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349759506	276000349759506	Pizarro	258278	2005	Prospect	Lunax	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000578648759	276000578648759	Pizarro	914695	1999	Picasso	Derrence	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401276679	276001401276679	Pizarro	830879	1999	Piramide	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353285255	276000353285255	Pizzaro	148558	2009	Pagewire	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM00000253230	208003372304305	Place ALL	677317	2009	Planet	Didrik	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000101603328	124000101603328	Placide	916906	2003	Jordan-Red	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000522936722	528000522936722	Placido	636806	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001501013201	276001501013201	Plagiat	822420	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLNLDM000543778796	528000543778796	Plamand	473941	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000539060696	528000539060696	Plan	677306	2009	Planet	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000946318379	276000946318379	Plan B	795850	2012	Plan Z	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDC	Greifenb	CD Gentest
01	HOLNLDM000525857015	528000525857015	Plan Z	832464	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000532151018	528000532151018	Planay	473463	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM006111836190	250006111836190	Planman	765624	2009	Planet	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RBW	

Haplotypen: (Sortierung Name)
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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLGBRM00000647926	826949035343201	Planty	832507	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM00000646121	826382702604362	Plasma	832483	2009	Lightning	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000355203318	276000355203318	Platin	262205	2011	Plan Z	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000112318434	276000112318434	Platini	564056	1999	Preval	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001404281011	276001404281011	Platini	811433	2011	Plan Z	Alves	H1N	H2N	H3P	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001500990533	276001500990533	Platini	822403	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000442144670	528000442144670	Platino	473568	2009	Planet	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000344631330	276000344631330	Plato	255160	2000	Prisma	Zack	H1N	H2N	H3P	H4N	H5N	CDN	OHG	
01	HOLNLDM000630053704	528000630053704	Plato	148582	2009	Planet	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001501495725	276001501495725	Platon	823141	2014	Platinum	Man-O-Man	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000530632922	528000530632922	Playa	677510	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLBELM000158379751	056000158379751	Playboy	917568	2016	Payball	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000112407304	276000112407304	Player	564052	1999	Preval	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000353316992	276000353316992	Player	260885	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000663410091	276000663410091	Player	636938	2009	Planet	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
02	HOLDEUM000352441694	276000352441694	PlayerVRC	298076	2009	Pronto	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 92% Traegerwahrscheinlichkeit
01	HOLDEUM001500936230	276001500936230	Playman	822365	2008	Pagewire	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000358633620	276000358633620	Playoff	833166	2015	Penley	Boss	H1F	H2N	H3C	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000352572516	276000352572516	Plaza	260960	2009	Planet	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001500990481	276001500990481	Plazer	822400	2009	Planet	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000539843357	276000539843357	Pleasant	833251	2017	Pledge	Modena	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000115332971	276000115332971	Plektran	567423	2006	Prospect	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000770308074	276000770308074	Plenty	682284	2016	Penley	Distinctio	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000522936690	528000522936690	Plenum	472879	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602627458	276001602627458	Plexon	841024	2010	Planet	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLFINM00000095507	246000010012258	Pliinto	832515	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353489507	276000353489507	Pluto	148538	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000333054152	528000333054152	Pluto	804240	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000528118908	528000528118908	Pluto	473284	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500942354	276001500942354	Pocher	822344	2008	Pagewire	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000359878288	276000359878288	Poet	156586	2017	Price	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001500100663	276001500100663	Poet	810777	2000	Panther	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000756516880	528000756516880	Point P	264280	2015	PowerballP	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDNKM000000258246	208002371402848	Painter	823175	2015	PowerballP	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000535005112	528000535005112	Pointy	832474	2009	Planet	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112665539	276000112665539	Pokemon	564095	2000	Preval	Mantik	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000344902042	276000344902042	Pokemon	326598	1999	Progress	Lennart ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000662950071	528000662950071	Pokemon P	924738	2016	PowerPlay	Snow RF	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000357019653	276000357019653	Poker Red	833033	2014	PerfectAik	Axion-Red	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000528277456	528000528277456	Pokerface	677314	2009	Tempeuro	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000357427616	276000357427616	Polar	833023	2014	Platinum	Gold Chip	H1N	H2N	H3P	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000358174918	276000358174918	Polar PP	264364	2015	PowerballP	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM001404658568	276001404658568	Polaris P	804341	2013	Parker P	Bakombre	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000342347941	276000342347941	Polarstern	457230	1998	Patron	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLGBRM00000657845	826163146701085	PolishRedP	832632	2012	Colt-P	Advent-Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000327979469	528000327979469	Polkau	821261	2001	PM Magic	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347506406	276000347506406	Pollent Pp	328093	2002	Lentini RF	Poll. Plus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000200076197	056000200076197	Pollit	832508	2009	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM00066388328	27600066388328	Pollux PP	924720	2013	Parma PP	Laron P	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
01	HOLDEUM000121960133	276000121960133	Polo P RDC	833123	2015	PowerballP	Snow RF	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000539047837	276000539047837	Poly P RDC	682274	2015	PowerballP	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000345938668	276000345938668	Polymiro	461301	2001	Pedant	Patriarch	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000950638869	276000950638869	Pompeii P	796750	2015	PowerballP	Meridian	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
01	HOLNLDM000520773026	528000520773026	Pompeo	471884	2008	Pronto	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000353097429	276000353097429	Pompi	148594	2009	Xacobeo	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM002242614495	276002242614495	Ponats	820270	1994	Prelude	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000009877251	12400009877251	Pontiff	822358	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLLUXM000998023799	442000998023799	Ponton	914145	1998	Power	Mascol	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000538078929	276000538078929	Pool PP	680762	2013	Parker P	Mitey P	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 98% Traegerwahrscheinlichkeit
02	HOLNLDM000111951888	528000111951888	Poos Best	297300	1993	Leader	Hilton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000790534910	528000790534910	Poos Red	297228	1992	Pigeonwood	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001011186994	276001011186994	Popstar ET	323656	1994	Prelude	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000751918478	528000751918478	Popstar PP	619135	2015	PowerballP	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000521651343	528000521651343	Portico	832351	2008	Pontiac	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000897794185	528000897794185	Portman	832499	2009	Pontiac	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000438224515	056000438224515	Porto	148504	2008	Pronto	Zenith	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000062188549	840000062188549	Portofino	673540	2005	Potter	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000122479660	276000122479660	Poseidon	572992	2017	Pledge	Millennium	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000284990512	528000284990512	Position	501692	1999	Decision	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000359296822	276000359296822	Possible	768201	2016	Profit	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000666732932	276000666732932	Poundman	619146	2015	Penley	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000666669691	2760006666669691	Powder Pp	796550	2015	PowerballP	Fidji	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
02	HOLCHEM120119773304	756120119773304	Power	924737	2015	Durango	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000358340216	276000358340216	Power P	833135	2015	PowerballP	Mixer	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000358174909	276000358174909	Power PP	264515	2015	PowerballP	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000358925167	276000358925167	Powerboy P	833159	2015	PowerballP	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000770224556	276000770224556	PowerbullP	499047	2015	PowerballP	Beacon	H1F	H2N	H3F	H4F	H5P	CDF	Goepel	CD Gentest
01	HOLGBRM00000655275	826122840301963	Powerline	832610	2011	Altalota	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003129038032	840003129038032	Powerman P	508073	2015	PowerballP	Supersire	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000950319976	276000950319976	Powermoon	796760	2015	PowerballP	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	BVN	CD Gentest
01	HOLDEUM000538086289	276000538086289	Prado P	680661	2013	Parker P	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLDEUM000121688330	276000121688330	Pradom	571893	2014	President	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000344296760	276000344296760	Praesent	458831	1999	Preval	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666008794	276000666008794	Pragasnow	795670	2011	Snowman	Stol Joc	H1N	H2N	H3P	H4N	H5N	CDN	BayGen	
01	HOLDEUM001021413301	276001021413301	Prank ET	396537	1994	Prelude	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000416033241	276000416033241	Prebell	461307	2001	Pedant	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012193348	276001012193348	Precht	134431	1994	Prelude	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000578982816	276000578982816	Precom	669698	2000	Preval	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM002200221525	276002200221525	Predello	800285	1994	Prelude	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLCANM000102327724	124000102327724	Prediction	917001	2004	September	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001012231650	276001012231650	Predor	134422	1993	Prelude	Levi	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344202307	276000344202307	Prefix	459472	2000	Preval	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345655081	276000345655081	Prejan	459529	2000	Preval	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000002227088	840000002227088	Prekin	820231	1993	Prelude	Sexation	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000863906864	528000863906864	Prelad	820220	1993	Prelude	Astrojet	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001021293177	276001021293177	Prelat	282855	1993	Prelude	Laban	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015243840	276001015243840	Preller	800203	1993	Prelude	Very	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000811555696	276000811555696	Prelspace	995861	2000	Prelcave	Space	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000811555708	276000811555708	Preltal	995863	2000	Prelcave	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLUSAM000139419625	840000139419625	Premium PP	917171	2008	Lawn Boy	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000069822367	840000069822367	Premmer	506566	2010	Freddie	F B I	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM001015236015	276001015236015	Premo	800207	1993	Prelude	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402472395	276001402472395	Prento	831651	2004	Pretin	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112407303	276000112407303	Prenzlau	669382	1999	Preval	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000538324080	276000538324080	Present	917580	2014	PerfectAik	Logan	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLFRAM001447146742	250001447146742	Presley	619045	2011	Palermo	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLCHEM120094748236	756120094748236	Prestige	476162	2011	Beacon	Zenith	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000112870237	276001012870237	Prestige	564725	2001	Predello	Lieutenant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM002039902091	276002039902091	Prestino	800249	1993	Prelude	Rotate	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000840106939	528000840106939	Presto	571883	2014	Balisto	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000860788283	528000860788283	Pretin	830156	1993	Prelude	Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663373620	276000663373620	Pretty Boy	636573	2009	Pagewire	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001015240034	276001015240034	Preusse	810182	1993	Prelude	Valerian	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000108668889	276000108668889	Preval	560561	1994	Prelude	Marvel ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401362561	276001401362561	Priamos	831155	2001	Predello	Freddy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000770147152	276000770147152	Price	681962	2014	President	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000345454977	276000345454977	Primaner	327121	2000	Predello	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352590570	276000352590570	Primax	473985	2010	Predello	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404947485	276001404947485	Primero	833105	2015	President	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000536745418	276000536745418	Primetime	678707	2011	Prince	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM002284312053	276002284312053	Primo	840178	1994	Prelude	Ray	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000579176426	276000579176426	Prinor	670244	2001	Predello	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000108666968	276000108666968	Printer	800274	1994	Prelude	Command	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000373404450	528000373404450	Printer	679311	2011	Prince	Roumare	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDNKM00000253133	208003372304263	Prinz	811324	2009	Planet	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001015274609	276001015274609	Prinzipal	800281	1994	Prelude	Rotate	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM00035533559	27600035533559	Prior	927360	2012	Pembroke	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015261021	276001015261021	Prisma	800244	1993	Prelude	Rotate	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000346472438	276000346472438	Prodan	461830	2002	Pedant	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000101834806	276000101834806	Producent	559130	1991	Leadman	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM00000256824	208005415902760	Professor	833014	2013	Predestine	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM001500181406	276001500181406	Profi	810803	2000	Prisma	Slocum	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM001015256279	276001015256279	Profil	251517	1994	Prelude	Cato	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLCANM000012379979	124000012379979	Profiler	811567	2015	Profit	Halogen	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDNKM00000252833	208003001001682	Proliz	832392	2009	Pronto	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM001445852599	250001445852599	Promik	832280	2008	Pronto	Goldwin	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLUSAM000122181690	840000122181690	Prominent	504827	1998	Rudolph	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112590465	276000112590465	Promodell	564064	1999	Progress	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001015249819	276001015249819	Pronto	251220	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001013436817	276001013436817	Prophet	283087	1994	Prelude	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344308764	276000344308764	Propst	821169	2000	Preval	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001269135907	276001269135907	Propst	810217	1993	Prelude	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000580527605	276000580527605	Prosaron	763774	2005	Prospect	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000538174759	276000538174759	Prosecco	917533	2013	PerfectAik	Laron P	H1P	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349946468	276000349946468	Proshal	763566	2005	Prospect	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001403804995	276001403804995	Prosper	832541	2010	Planet	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM034990088231	380034990088231	Prospero	804012	2005	Marshall	Durham	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLNLDM000735265149	528000735265149	Prost	154214	2015	Alta1 Stcla	Lithium	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000359656491	276000359656491	Protector	833241	2017	Proud	Lobach	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000537556324	276000537556324	Protector	680108	2012	Prince	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLFRAM002941264133	250002941264133	Protektor	830949	1999	Progress	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000765206224	528000765206224	Proud	151522	2012	Pioneer	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000121814183	276000121814183	Proventus	833088	2014	President	Snowmaster	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000357538236	276000357538236	Provider	833116	2015	President	Suran	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000136355827	840000136355827	Prowler	505786	2004	Wizard	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000112776792	276000112776792	Pseudolo	564723	2001	Pedant	Lux	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOL840M003013924034	840003013924034	Puma MR	507572	2013	Enforcer	Cameron	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000546098363	528000546098363	Punto	832594	2011	Snowman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000073953429	840000073953429	Purity	508063	2015	Pure	AltaOak	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000344089421	276000344089421	Puschkin	810762	1999	Proton-ET	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350669611	276000350669611	Puschkin	144481	2006	Panther	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000768005115	276000768005115	Pyrus	810864	2001	PM Magic	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000523540896	528000523540896	Pythagoras	473341	2009	Planet	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000667199756	276000667199756	Quentin	619188	2017	Quantum	Baltikum	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000538017660	528000538017660	Quick	823002	2011	Niagra	Mascol ET	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000425772740	528000425772740	R.Moment	840827	2006	Modest	Steven	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000114015028	276000114015028	Rabauke	565908	2003	Riverland	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021140979	276001021140979	Rabbit	820113	1992	Raider	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000661551517	276000661551517	Racco	922032	2001	Ranger Red	Laredo Red	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000358671524	276000358671524	Raceway	833236	2016	Racing	Commander	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLGBRM000000653397	826104057202525	Rachman	832583	2011	Secure Red	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000767719623	528000767719623	Racing	681960	2014	Racer	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001500181387	276001500181387	Racoon	669700	2000	Raimon	Tornado	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000358235680	276000358235680	Racord	833144	2015	Racer	Log-In	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOL840M003143160060	840003143160060	Radcliff	508608	2017	Ragen	Jacey	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000342435359	276000342435359	Radek	456841	1998	Rudolph	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302262660	276001302262660	Rademin	822044	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351721576	276000351721576	Radenko	470008	2007	Roumare	Garter	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000536667247	276000536667247	Radial	678531	2010	Radon	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000107083961	124000107083961	Radim	823027	2011	Ravish	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLUSAM000134233264	840000134233264	Radio	505625	2003	Bench-Eddi	Sheik	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000129666062	840000129666062	Radioaktiv	297611	2000	Monet Red	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349414936	276000349414936	Radison	763275	2004	Ramos	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000342826654	276000342826654	Radium	810618	1997	Rudolph	Sunshine	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001502413355	276001502413355	Radius	325312	1997	Rudolph	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577651356	276000577651356	Radix	630799	1997	Rudolph	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349861753	276000349861753	Radon	144474	2005	Ramos	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000061757519	840000061757519	Radon	672586	2004	Ramos	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021198115	276001021198115	Rady	394646	1992	Raider	Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342422606	276000342422606	Raeuber	457968	1998	Rudolph	Sunnyboy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352109711	276000352109711	Raffaello	471615	2008	Ramos	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352760160	276000352760160	Raffi	148090	2008	Roumare	Derby	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000111986962	276000111986962	Raffinat	563482	1999	Rudolph	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000251691	208004963803183	Raffles	832183	2007	Ramos	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580498151	276000580498151	Rafinha	917132	2007	Rampage-R	Lee	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000770601887	276000770601887	Rafting	684971	2017	Ragen	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001401124585	276001401124585	Ragaz	831123	2000	Rainbow	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403516741	276001403516741	Ragon	832294	2008	Ramos	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579837321	276000579837321	Raguno	596595	2003	Rubens	Mario-Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579829750	276000579829750	Rahn	821429	2003	Ramos	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM001302654749	276001302654749	Raik	802696	2005	Ramos	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000343273628	276000343273628	Railway	921659	1999	Roels	Athlet RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345240754	276000345240754	Raimarc	821217	2000	Raimond	Ted	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001015257292	276001015257292	Raimon	800243	1993	Raider	Blackstar	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM001021321771	276001021321771	Raimond	820216	1993	Raider	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000116471679	276000116471679	Rain Boy	599441	2008	Rain Man	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLUSAM000207640708	840000207640708	Rain Man	297661	2001	Rainbow	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349517702	276000349517702	Rainfarn	810993	2003	Riverland	Skywalker	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349683001	276000349683001	Rainman	257696	2004	Ramos	Orion	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000345042028	276000345042028	Rainold	926333	2000	Raimond	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021241500	276001021241500	Raistar	820134	1992	Raider	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534071180	276000534071180	Rakanell	328677	2004	Riverland	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662652001	276000662652001	Rakas	329745	2005	Ramos	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348663427	276000348663427	Raki	465244	2004	Ready	Aeroline	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000813526009	528000813526009	Rakker I	297245	1992	Pigeonwood	Adler	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000813192696	276000813192696	Rakorm	764095	2006	Ramos	Jockorm	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000120551183	276000120551183	Ralayo	588023	2012	Radical	Joyboy	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000350122392	276000350122392	Ralesko	466030	2005	Ready	Patrick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001300247588	276001300247588	Ralf	801709	1999	Raimon	Dombinator	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM001402596447	276001402596447	Rally	831798	2005	Ramos	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579118462	276000579118462	Ramadan	669839	2000	Raimon	Marconi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344319033	276000344319033	Ramadi	459215	1999	Raimon	Calyp	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017990325736	380017990325736	Ramado	674027	2005	Ramos	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000416048190	276000416048190	Ramari	468515	2006	Ramos	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812721751	276000812721751	Ramaven	763238	2004	Ramos	Raven	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579935520	276000579935520	Ramazotti	633895	2004	Ramos	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580151204	276000580151204	Ramazotti	672454	2004	Ramos	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001405290686	276001405290686	Ramazotti	833282	2017	Ragen	Monterey	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000351567869	276000351567869	Rambas	470616	2007	Ramos	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM002240617742	276002240617742	Rambus	821023	1997	Rudolph	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402854671	276001402854671	Ramid	831961	2006	Ramos	Emil	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535544762	276000535544762	Ramires	811264	2008	Ramos	Good	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001502425804	276001502425804	Ramires	821099	1998	Rudolph	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349748192	276000349748192	Ramirez	831755	2004	Ramos	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265034729	276001265034729	Ramiro	810681	1998	Rudolph	Oscar ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000493506326	528000493506326	Ramiroff	832282	2007	Ramos	Blauer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580013752	276000580013752	Ramius	673054	2004	Ramos	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351567899	276000351567899	Ramjok	148450	2008	Ramos	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLITAM019990339015	380019990339015	Ramondo	468991	2006	Ramos	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662179976	276000662179976	Ramonto	633522	2003	Ramos	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000341485350	276000341485350	Ramos	253642	1997	Rudolph	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000813576393	276000813576393	Ramses	145564	2006	Ramos	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000343544268	276000343544268	Ramsey	810705	1998	Ronald	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000812789592	276000812789592	Ramson	763410	2004	Ramos	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402559251	276001402559251	Rancho	831698	2004	Raul	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111740311	276000111740311	Rand	563073	1998	Rudolph	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500763270	276001500763270	Randel	822066	2004	Ramos	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000251470	208006257702319	Randers	635610	2007	Ramos	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDNKM000000252337	208005722002830	Randers	148072	2008	Roumare	Lancelot	H1P	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000579860245	276000579860245	Randolf	822010	2004	Riverland	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLCHEM120077018097	756120077018097	Randy	832517	2009	Shottle	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580143929	276000580143929	Ranga	672948	2004	Ramos	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349738304	276000349738304	Ranger	258110	2005	Ramos	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLCANM000005940106	276000112732862	Ranger Red	592208	1993	Ranger-Red	Melvin	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580685500	276000580685500	Rankall	674941	2006	Ramos	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500163530	276001500163530	Ranker	821473	2003	Riverland	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000493861427	528000493861427	Ranky	832215	2008	Ramos	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000663301604	276000663301604	Rannick	923210	2008	Ralstorm	Salto RF	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000116593091	276000116593091	Ranno	599451	2008	Ralstorm	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000113064850	276000113064850	Ransom	595602	2001	Rainbow	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000112353708	276000112353708	Rantum	595545	2001	Ranger Red	Atlas	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580009575	276000580009575	Raoul	810992	2003	Riverland	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001302975856	276001302975856	Raoul	804101	2007	RavensEmil	Herold	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349981684	276000349981684	Rapallo	831925	2006	Ramos	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349291690	276000349291690	Raphael	831678	2004	Ramos	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351764581	276000351764581	Rapidez	675608	2007	Ramos	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000533447297	276000533447297	Rapido	915977	2001	Rainbow	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537730653	276000537730653	Rapper P	917504	2012	Remake P	Jeeves	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000580482673	276000580482673	Rasant	675910	2007	Ramos	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580143871	276000580143871	Rasdan	672458	2004	Ramos	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001300149736	276001300149736	Rasputin	801071	1997	Rudolph	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662985050	276000662985050	Rasselli	811234	2008	Restha	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLLUXM000498096165	442000498096165	Rastelli	810704	1998	Ronald	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000114151995	276000114151995	Rastello	597114	2003	Rubens	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349297067	276000349297067	Raster	831700	2004	Ramos	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302975770	276001302975770	Ratey	804097	2006	Toystory	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352619497	276000352619497	Ratio	148507	2008	Ramos	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000351672187	276000351672187	Rational	675906	2007	Ramos	Champion	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLDEUM001500161653	2760001500161653	Ratnam	597736	2005	Reno 2	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000114239060	276000114239060	Ratziputz	565927	2003	Riverland	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001601950512	276001601950512	Raubert	840756	2004	Raul	Match	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000579953245	276000579953245	Raugraf	810994	2003	Riverland	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000342167332	276000342167332	Raute	563015	1997	Rudolph	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000535050207	276000535050207	Ravanos	811199	2007	Roumare	Laibert	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLUSAM000135923348	840000135923348	Rave Red	297812	2004	Avanti	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000340622597	276000340622597	Ravel	840265	1996	RC Matt	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350069943	276000350069943	Ravel	258700	2006	Ramos	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000358075716	276000358075716	Ravel	154205	2015	Racer	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000343203635	276000343203635	Ravello	810716	1999	Rudolph	Lux	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000387028512	528000387028512	Raven Sam	804019	2005	Mr.Sam	Emil	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302262658	276001302262658	RavensEmil	802658	2004	Emil	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000536749897	276000536749897	Raver	678164	2010	Radon	Juwel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000493023786	528000493023786	Ravino	470620	2007	Ramos	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580178256	276000580178256	Raxler	597178	2004	Reno 2	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLAUTM000697941119	040000697941119	Ray		2015	Racer	Número Uno	H1F	H2N	H3F	H4F	H5N	CDN	ZAR Wien	
01	HOLDEUM000767986484	276000767986484	Ray	810976	2003	Riverland	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000767986498	276000767986498	Ray	143344	2003	Riverland	Outside	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580082634	276000580082634	Rayon	811007	2004	Riverland	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLUSAM00064481699	84000064481699	Razor P	917142	2007	Vince	Perk Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537623621	276000537623621	Ready P	917460	2012	Rematch P	Ruleto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest

Haplotypen: (Sortierung Name)
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DEU KB Bullen
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Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000472741230	528000472741230	Reaktor	597774	2007	Rustler	Koerier114	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000103273247	124000103273247	Realo	917047	2005	Salto RF	Hero Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005800304261	250005800304261	Rebalo	566627	2004	Ready	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLUSAM000072002090	840000072002090	Rebar P	917599	2012	Bama-Red	Magna P RF	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000111351758	276000111351758	Rebe	563406	1998	Rudolph	Mohr	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000007453360	124000007453360	Rebel Red	469031	2005	Talent2	Champion	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000813275691	276000813275691	Rebens	996591	2005	Reno 2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500352049	276001500352049	Rebon	821043	1997	Rudolph	Merrill	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000344595291	276000344595291	Rebound	921850	1999	Rubens RF	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001500727530	276001500727530	Rebrow	822061	2003	Riverland	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000355105062	276000355105062	Recall	917444	2011	Relevant	Curtis	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLGBRM000000651551	826961000391644	Receptor	832566	2010	Legend	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000346795519	276000346795519	Recki	463309	2002	Reckless	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000757920493	528000757920493	Red Eye	476026	2011	Laron P	O-Man	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLDEUM001504208080	276001504208080	Red Fox	823206	2017	Jetset	Mokabi	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLNLDM000618713158	528000618713158	Red Hot	833275	2017	Kimball	Supersire	H1F	H2N	H3F	H4F	H5N	CDC	MAR	CD Gentest
02	HOLNLDM000609013830	528000609013830	Red Impact	587505	2015	Effort	Kodak	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLCANM000105275691	124000105275691	Red Joe	917197	2008	Redwood-ET	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000765039581	528000765039581	Red Mist	927325	2011	Elburn	Spencer 2	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000666354866	276000666354866	Red Power	924723	2013	PerfectAik	Fidji	H1N	H2N	H3N	H4N	H5N	CDC	Qnetics	CD Gentest
02	HOLNLDM000767574147	528000767574147	Red Winger	588673	2013	Fraiko	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000121544101	276000121544101	Redagon	571891	2014	Racer	Epic	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000661179016	276000661179016	Redbick	921858	1999	Redryder	Bookie	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLCANM000103513082	124000103513082	Redbull	917118	2006	Lichtblick	Durham	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000100745542	124000100745542	Redcross	916527	2002	Faber	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579332598	276000579332598	Redford	595603	2001	Rainbow	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000579822776	276000579822776	Redford	142259	2003	Rubens	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000345655127	276000345655127	Rednex	595501	2000	Ranger Red	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000389504867	528000389504867	Redoro	916995	2004	Reno 2	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000136879848	840000136879848	Redox	917045	2005	Reno 2	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000105352174	124000105352174	Redstar	917253	2008	Mr.Burns	Igniter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOL840M0003014334956	8400003014334956	Redtop P	917545	2014	Long P	Alchemy	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
02	HOLDEUM000580421578	276000580421578	Redwood	917014	2005	Reno 2	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000529461067	528000529461067	Reeves ALL	677193	2009	Jeeves	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000348861929	276000348861929	Referent	465768	2005	Ready	Panther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000006223542	276000101790362	Reflex	592255	1994	Milestone	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000580235445	276000580235445	Refrain	917064	2005	Reno 2	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663035926	276000663035926	Refus	840073	1992	Raider	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLAUTM0000868690211	040000868690211	Regal	830647	1998	Rudolph	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000009217541	124000009217541	Regan	297673	2001	Rubens RF	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000002282557	840000002282557	Regancrest	399725	1995	Mandel	Nick	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114475397	276000114475397	Regen	597165	2004	Rotschenk	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000135553183	840000135553183	Regency	464946	2004	Morty	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000388800113	528000388800113	Regens	328728	2004	Riverland	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535278553	276000535278553	Reggae	675740	2007	Ramos	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000135553174	840000135553174	Reggie 2	505639	2004	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265146720	276001265146720	Reiko	810998	2004	Riverland	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000351672132	276000351672132	Reimo	469901	2007	Ramos	Champion	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000768533719	276000768533719	Reims	917040	2004	Reno 2	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580143648	276000580143648	Reinbeck	633893	2004	Riverland	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	

Haplotypen: (Sortierung Name)
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DEU KB Bullen
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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000343857691	276000343857691	Reinecke	457240	1998	Rudolph	Supreme	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351672145	276000351672145	Reiner	331149	2007	Ramos	Champion	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000578669506	276000578669506	Reingold	915140	1999	Red Star	Cadillac	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349554527	276000349554527	Reinhard	329124	2004	Riverland	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348404857	276000348404857	Rekordler	465642	2005	Ready	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001021535728	276001021535728	Relax	397576	1995	Rusto ET	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000421876295	528000421876295	Relax	822111	2005	Rolex	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535867359	276000535867359	Relevant	927053	2009	Ruacana	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342339383	276000342339383	Relikt	457985	1998	Rudolph	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348010207	276000348010207	Relikt	821497	2003	Riverland	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000578481695	276000578481695	Remake	915150	1999	Red Star	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000140346280	840000140346280	Remake P	917391	2009	Reality	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347783003	276000347783003	Remark	328276	2003	Riverland	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349703425	276000349703425	Remarque	257620	2004	Ramos	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLUSAM000140346226	840000140346226	Rematch P	917392	2009	Reality	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348606291	276000348606291	Rembert	465236	2004	Ready	Formal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349458111	276000349458111	Rembrandt	257252	2003	Ramos	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001265154102	276001265154102	Remo	811012	2004	Riverland	Demand	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348404856	276000348404856	Remuro	465641	2005	Ready	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343606125	276000343606125	Remus	810652	1998	Rudolph	Bell Rex	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000522760974	528000522760974	Remus	148512	2008	Resiha	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001501194909	276001501194909	Renan	811319	2009	Roumare	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000349652667	276000349652667	Renatus	464684	2004	Ramos	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580143657	276000580143657	Renatus	811018	2004	Ready	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001262216629	276001262216629	Renault	810903	2002	Rubens RF	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349046670	276000349046670	Rendant	810987	2003	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000418550230	528000418550230	Rendito	917018	2005	Reno 2	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114239048	276000114239048	Rendsburg	328339	2003	Riverland	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000938118815	276000938118815	Renegade	794590	2004	Reno 2	Picasso	H1N	H2N	H3N	H4N	H5N	CDF	Greifenvb	CD Gentest
02	HOLDEUM000580566366	276000580566366	Renero	465915	2005	Reno 2	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346670836	276000346670836	Renjo	462488	2002	Raider	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348124794	276000348124794	Renko	811010	2004	Riverland	Storm	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000343403447	276000343403447	Reno	801085	1998	Rudolph	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000661274075	276000661274075	Reno	921869	1999	Rubens RF	Rastor	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000341937701	276000341937701	Renoir	810586	1997	Rudolph	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349132282	276000349132282	Renoir	142294	2003	Rutil	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000349567653	276000349567653	Renoll	922622	2004	Reno 2	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000005391766	124000005391766	Renoman	820040	1991	Leadman	Elevation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500779908	276001500779908	Renz	822069	2004	Riverland	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348613318	276000348613318	Renzo	464696	2004	Ready	Marty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343968309	276000343968309	Replay	457642	1998	Rudolph	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580539415	276000580539415	Reply	917039	2005	Reno 2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000111877825	276000111877825	Repro	563051	1998	Rudolph	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001404580550	276001404580550	Request	833100	2015	Racer	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000498485354	528000498485354	Rescalon	832327	2008	Restha	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLCANM000007355187	124000007355187	Rescue	916924	2004	September	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351623203	276000351623203	Reservat	469672	2007	Roumare	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003129809081	840003129809081	Reshot	507856	2015	Supershot	Número Uno	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000341864457	276000341864457	Resident	414806	1997	Rudolph	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000427214763	528000427214763	Reso	917061	2005	Reno 2	Rusel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000112736521	276000112736521	Resopal	564067	2000	Raimon	Cleitus	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
02	HOLDEUM000348890697	276000348890697	Respekt	466097	2005	Reno 2	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247425	208003001001427	Rettig	821439	2003	Ridler	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLCANM000005668795	124000005668795	Reuben	297318	1992	Rooster Re	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351310560	276000351310560	Reuter	145528	2008	Roumare	Spy	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
02	HOLDEUM000121090828	276000121090828	Revello P	588682	2014	Revival P	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLBELM000059624166	056000059624166	Reveur	684979	2017	Adorable	Rubicon	H1F	H2N	H3F	H4F	H5N	CDN	AWE/RUW	CD Gentest
01	HOLDEUM000770329056	276000770329056	Review	682288	2016	Regard	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000341648807	276000341648807	Revival	414235	1996	Reserve ET	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344637311	276000344637311	Revival	810722	1999	Rubytom ET	Nick	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000537388807	276000537388807	Revival P	679585	2012	Rematch P	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM001300448187	276001300448187	Revivo	326357	1999	Rubens RF	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000070690983	840000070690983	Revolver P	298184	2012	Alchemy	Pembroke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663196038	276000663196038	Rhesus	832185	2007	Roumare	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000353509323	276000353509323	Rhodod	148568	2009	Ruacana	September	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000351567834	276000351567834	Riall	675735	2007	Ramos	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349371882	276000349371882	Rialto	633529	2003	Riverland	Storm	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000662572856	276000662572856	Rialto	794760	2005	Riverland	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLDEUM000943072795	276000943072795	Rias	792670	2008	Rino	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	CD Gentest
01	HOLDNKM000000254779	208004141202161	Rias	149972	2011	Router	Juwel	H1N	H2N	H3P	H4P	H5N	CDN	VOST	
01	HOLDEUM000662613191	276000662613191	Ribando	634617	2005	Riverland	V Brando	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000135767445	840000135767445	Ribbon ET	505683	2004	Forbidden	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000535267542	276000535267542	Ribeiro	331397	2008	Roumare	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351123630	276000351123630	Ribero	811201	2007	Roumare	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLCHEM120081312426	756120081312426	Ribery	832520	2009	Ralstorm	Uncle Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000351131689	276000351131689	Ribery	470290	2007	Ramos	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579818144	276000579818144	Ribos	810980	2003	Riverland	Raimon	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
02	HOLDEUM000114904256	276000114904256	Ribose	597731	2005	Reno 2	Cared	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768768406	276000768768406	Ricall	674423	2006	Manager ET	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580047417	276000580047417	Ricci	802651	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302036657	276001302036657	Richard	802615	2003	Riverland	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000536601560	276000536601560	Richie	804257	2010	Radon	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662345299	276000662345299	Rickley	672900	2004	Riverland	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000247485	208003001001429	Ricko	831477	2003	Ridler	Moto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000105251798	124000105251798	Rico Red	917323	2009	America	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000120839113	528000120839113	Rico Red	297394	1995	Clor	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000347866217	276000347866217	Ricobar	926240	2002	Rubens	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768952276	276000768952276	Ricola	331147	2007	Roumare	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579762734	276000579762734	Ricom	633755	2004	Riverland	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000811625949	276000811625949	Ricosta	328901	2003	Riverland	Ford	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114015033	276000114015033	Ridal	463790	2003	Riverland	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349399991	276000349399991	Riedel	802629	2004	Riverland	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302204274	276001302204274	Rieger	802595	2003	Riverland	Donor	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579935536	276000579935536	Riemann	822055	2004	Ready	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000474928239	528000474928239	Riesling	145512	2006	Rouki	Morty	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346173296	276000346173296	Rieu	461662	2001	Rubens RF	Triple	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694300	276000580694300	Rigmor	832189	2008	Roumare	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348082492	276000348082492	Rigo	464457	2003	Riverland	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500727529	276001500727529	Rigobert	821469	2003	Riverland	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344295889	276000344295889	Rigoletto	810782	2000	Raimon	Lieutenant	H1N	H2N	H3P	H4N	H5N	CDN	RBB	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000348129092	276000348129092	Rigoros	463866	2003	Riverland	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812627708	276000812627708	Rikas	763111	2003	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349652604	276000349652604	Riko	822011	2004	Riverland	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500163627	276001500163627	Rikon	810990	2003	Riverland	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000579762733	276000579762733	Rikos RF	672456	2004	Riverland	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001273287652	276001273287652	Rikscha	465574	2004	Riverland	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000580143602	276000580143602	Rilke	821492	2004	Riverland	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302262654	2760001302262654	Riluk	763454	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349399976	276000349399976	Rimac	672330	2003	Riverland	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000661592312	276000661592312	Rimberg	922044	2001	Radix	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345938958	276000345938958	Rimini	460757	2001	Rudolph	Broker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346820614	276000346820614	Rimon	463860	2003	Ridler	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534071181	276000534071181	Rimont	811000	2004	Riverland	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348008811	276000348008811	Rindus	463325	2003	Riverland	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579818137	276000579818137	Ringo	802617	2003	Riverland	Raimon	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000114706579	276000114706579	Ringodo	822017	2004	Riverland	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302262608	276001302262608	Rino	802650	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000268768481	528000268768481	Rintje	501680	1999	Glenwood	Luke	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000812880253	276000812880253	Rion	763231	2004	Riverland	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000349238645	276000349238645	Rios	831725	2004	Riverland	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351353856	276000351353856	Riplex	470002	2007	Ramos	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001402956286	276001402956286	Ripley	832053	2007	Rustler	Koerier114	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112470065	276000112470065	Risiko	595467	2000	Ranger Red	Goldi II	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343805420	276000343805420	Risiko	457454	1998	Rudolph	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534090260	276000534090260	Risotto	672134	2003	Riverland	Estimate	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812698324	276000812698324	Risther	763156	2003	Riverland	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000579818138	276000579818138	Ristic	671980	2003	Riverland	Raimon	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM001402083178	276001402083178	Risto	831594	2003	Riverland	Fred 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000435332004	528000435332004	Risto	329733	2005	Ramos	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579542577	276000579542577	Ristor	840746	2004	Riverland	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402217960	276001402217960	Ritter	831543	2003	Ridler	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343712130	276000343712130	Ritus	457076	1998	Rudolph	Citro ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662161021	276000662161021	Rivado	840678	2003	Riverland	Formation	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000522740231	528000522740231	Rivage	832340	2008	Roumare	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000349341814	276000349341814	Rivajo	143354	2004	Riverland	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001601734578	276001601734578	Rival	840693	2003	Riverland	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000347820149	276000347820149	Rivaldo	142261	2003	Riverland	Outside	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579810504	276000579810504	Rivaldo	840705	2003	Riverland	Roels	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401263112	276001401263112	Rivaldo	830872	1999	Rudolph	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601628998	276001601628998	Rivalos	840711	2004	Riverland	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349024666	276000349024666	Rivaner	671873	2003	Riverland	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001601696587	276001601696587	Rivaner	840712	2004	Riverland	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000579810501	276000579810501	Rivano	810985	2003	Riverland	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000579834234	276000579834234	Rivem	671838	2003	Riverland	Bombay	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLBELM000753859632	056000753859632	River	682279	2015	Silver	Gold Chip	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349540655	276000349540655	River	145124	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001502070339	276001502070339	River Lee	821479	2003	Riverland	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000132072016	840000132072016	Rivera Red	297688	2001	Lentini RF	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001502878222	276001502878222	Riverboard	821448	2003	Riverland	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114471299	276000114471299	Riverboy	672451	2003	Riverland	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000114471297	276000114471297	Riverdance	565935	2003	Riverland	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000342820874	276000342820874	Riverland	820498	1997	Rudolph	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500727532	276001500727532	Rivero	840704	2003	Riverland	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000579668148	276000579668148	Riverson	671850	2003	Riverland	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349477788	276000349477788	Riverstar	673052	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580047395	276000580047395	Rivido	821487	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349203985	276000349203985	Riviera	328336	2003	Riverland	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302262548	276001302262548	Riviera	802637	2004	Riverland	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLITAM004902061291	380004902061291	Riviera	922097	2001	Red Star	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000812249343	276000812249343	Rivord	763281	2004	Riverland	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000347783000	276000347783000	Riwa	802599	2003	Riverland	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349525439	276000349525439	Riwalk	763291	2004	Riverland	Skywalker	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000636672170	528000636672170	Roadstar	833084	2014	Anton	Detox	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000423071892	528000423071892	Robel	831786	2005	Rolex	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403532912	276001403532912	Robelly	832268	2008	Roumare	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015204782	276001015204782	Robert	250405	1991	Rambo	Astrojet	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000491035695	528000491035695	Robert	148074	2008	Roumare	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000353034881	276000353034881	Robi	148592	2009	Ruacana	September	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 98% Traegerwahrscheinlichkeit
01	HOLLUXM000998023852	442000998023852	Robinson	801097	1998	Ronald	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM00000254991	208003372305382	Robo	570418	2011	Router	Shottle	H1N	H2N	H3N	H4P	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000355420215	276000355420215	Robson	262462	2012	Robust	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	OHG	CD Gentest
01	HOLDEUM000349907154	276000349907154	Rocco	258325	2005	Rolex	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000527992680	528000527992680	Rochee	832441	2009	Roumare	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351395971	276000351395971	Rochester	470865	2008	Roumare	Bormio	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM001500163547	276001500163547	Rocken	810995	2004	Riverland	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000112556044	276000112556044	Rocker	564430	2000	Raimon	Luke	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000769219307	276000769219307	Rocket	676158	2008	Roumare	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000578066919	276000578066919	Rockmann	668472	1998	Ronald	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000352990396	276000352990396	Rockstar	472191	2008	Ralstorm	Balonko RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768555482	276000768555482	Rockwall	672710	2004	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001021390891	276001021390891	Rocky	395657	1993	Royal II	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000871511993	528000871511993	Rocky	619112	2014	Rocky	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001265197884	276001265197884	Rodan	811311	2009	Roumare	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000758208484	528000758208484	Rodeo	681815	2014	Rocky	Hunter	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349769561	276000349769561	Rodero	822105	2005	Rumbiak	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLIRLM191181780797	372191181780797	Rodewin	804138	2007	Roumare	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580143674	276000580143674	Rodger	811028	2004	Riverland	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001404248952	276001404248952	Rodger	832601	2012	Robust	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLGBRM180025502123	826180025502123	Rodriguez	475772	2011	Gerard	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000101645705	276000101645705	Roels	559108	1991	Aerostar	Tab	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348613265	276000348613265	Roganus	465410	2005	Ready	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003001030953	840003001030953	Roger	822222	2006	F B I	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000070346386	840000070346386	Rogue	506897	2019	Pembroke	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000661348092	276000661348092	Rojas	455761	1999	Roels	Anthem	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661763615	276000661763615	Roland	327472	2001	Reckless	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348606287	276000348606287	Rolano	465235	2004	Ready	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000656562	826727942200109	Rolex RF	832612	2012	Observer	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000497659338	528000497659338	Rolfes	822324	2008	Roumare	Duplex	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
01	HOLDEUM000351162991	276000351162991	Rolink	675904	2007	Roumare	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000812391478	276000812391478	Rolip	996323	2003	Roitschenk	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RBW	

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 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000352590312	276000352590312	Rolling	636278	2008	Roumare	Talent2	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM000360175060	276000360175060	Rolls	265151	2017	Roxy B	Supershot	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLGBRM000000645919	826382702104336	Rolo	473470	2009	Lightning	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534996028	276000534996028	Romain	259925	2007	Roumare	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000660886883	276000660886883	Roman	921718	1998	Roels	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000252740	208004141501801	Roman	148080	2008	Roumare	V Bojer	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580367113	276000580367113	Romano	822104	2005	Roxex	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000062538589	840000062538589	Romano	297894	2005	September	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000496882971	528000496882971	Romantiker	676535	2008	Roumare	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLGBRM000000659020	826263497103030	Romany	832635	2012	Shamrock	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400877952	276001400877952	Rombus	830795	1998	Ronald	Bartolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351574964	276000351574964	Romeiko	471613	2008	Roumare	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000523893219	528000523893219	Romendo	832347	2008	Roumare	Toystory	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000349149686	276000349149686	Romeo	257290	2003	Ramos	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000485908639	528000485908639	Romko	832316	2008	Roumare	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535175481	276000535175481	Romme	676027	2008	Roumare	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000255121	208003372305386	Romsey	619046	2011	Router	Shottle	H1N	H2N	H3N	H4P	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000207619919	528000207619919	Romus	667961	1997	Ronald	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000116142625	276000116142625	Ronaldo	599425	2008	Rain Man	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768472811	276000768472811	Roncadin	328674	2004	Riverland	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000663367137	276000663367137	Roncali	795240	2008	Roumare	Champion	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLNLDM000291698825	528000291698825	Rondell	632208	2000	Russel	Cash	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580286019	276000580286019	Rondo RF	673723	2005	Royalist	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001501194920	276001501194920	Ronelli	811322	2009	Roumare	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000813864060	276000813864060	Ronic	765051	2008	Roumare	Titanic	H1N	H2N	H3N	H4P	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000535011894	276000535011894	Ronin	145582	2007	Roumare	Laibert	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDNKM000000258064	208002981403329	Ronno	833126	2015	Rodgers	Bookem	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLCHEM120081917171	756120081917171	Ronzino	832519	2009	Titus Rc	Sungod	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402710994	276001402710994	Ropal	831803	2005	Roxex	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000592179568	528000592179568	Rosco	476898	2012	AltaRoss	Planet	H1N	H2N	H3P	H4N	H5P	CDN	MAR	
02	HOLDEUM000769432629	276000769432629	Roseman	917350	2009	Rulead	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354265530	276000354265530	Rosenberg	333728	2011	Router	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000252148	208003372303849	Roskilde	676401	2008	Roumare	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000498185562	528000498185562	Rosmarin	676801	2008	Roumare	Bailey	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001501194669	276001501194669	Rossano	811296	2008	Roumare	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000769075780	276000769075780	Rossberg	676025	2008	Roumare	Lheros	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLDEUM000112590494	276000112590494	Rossini	595468	2000	Ranger Red	Factor RF	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000347843639	276000347843639	Rossini	256745	2002	Ramos	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLNLDM000384823503	528000384823503	Rossino	917055	2005	Royalist	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001400877942	276001400877942	Rotarin	830783	1998	Ronald	Bartolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351395911	276000351395911	Rotarius	470300	2007	Roumare	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579782189	276000579782189	Rotary	143311	2003	Ramos	Zack	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001500736257	276001500736257	Rotation	821436	2003	Riverland	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000114990450	276000114990450	Rotgold	926494	2005	Rubens	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000070215852	840000070215852	Roto4	822492	2011	AltaRoss	Mascol ET	H1N	H2N	H3P	H4N	H5N	CDN	RA	
02	HOLDEUM000114365275	276000114365275	Rotrud	597130	2003	Rotschenk	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000577673341	276000577673341	Rotschenk	594312	1997	Roels	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000521727682	528000521727682	Rotterdam	636318	2008	Roumare	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
02	HOLDEUM000812391473	276000812391473	Rotul	996324	2003	Rotschenk	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000449479663	528000449479663	Rotunder	331375	2007	Roumare	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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 Date of Evaluation: 12/04/2018

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02	HOLDEUM000114386046	276000114386046	Rotvin	597149	2003	Rotschenk	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000347780175	276000347780175	Rotwein	926238	2002	Rainbow	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303756832	276001303756832	Roubnitz	765643	2009	Roumare	Blitz	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLFRAM003554772356	250003554772356	Rouche	840880	2007	Roumare	Aaron	H1P	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDEUM000351796661	276000351796661	Rougola	840890	2007	Roumare	Riverland	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLDNKM000000252729	208003372303973	Rouky	840940	2008	Roumare	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001270523806	276001270523806	Roulett	804214	2009	Roumare	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM005610081617	2760005610081617	Roumag	840910	2007	Roumare	Magical	H1N	H2N	H3N	H4P	H5N	CDN	LTR	
01	HOLNLDM000498785533	528000498785533	Roumax	832352	2008	Roumare	O-Man	H1N	H2N	H3P	H4P	H5N	CDN	MAR	
01	HOLNLDM000521313739	528000521313739	Roumo	840970	2008	Roumare	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000814078566	276000814078566	Roumy	765091	2008	Roumare	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000351175724	276000351175724	Router	675897	2007	Roumare	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000345225533	276000345225533	Rover	326662	1999	Roumars RF	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351842437	276000351842437	Rover	260434	2008	Roumare	Duplex	H1N	H2N	H3N	H4P	H5N	CDN	OHG	
02	HOLGBRM000000660019	826387397300309	Rowan Red	832851	2012	Alchemy	Acme RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000341723917	276000341723917	Rowdy	456869	1997	Rudolph	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768472700	276000768472700	Rowdy	822260	2007	Roumare	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLGBRM0000000647447	826382702604530	Roxer	832505	2009	Million	Goldwin	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000102977615	124000102977615	Roxson	916994	2005	Redcross	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000104207415	124000104207415	Roxwell	297934	2006	Lichtblick	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001012311007	276001012311007	Roy	135519	1995	Royal II	Levi	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM001014137147	276001014137147	Roy black	925341	1994	Ruby	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536119836	276000536119836	Royal	260949	2009	Roppa	Jose	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000580421580	276000580421580	Royal Air	917065	2005	Royalist	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000360175040	276000360175040	Royce	265101	2017	Roxy B	Supershot	H1F	H2N	H3F	H4F	H5N	CDN	OHG	CD Gentest
01	HOLES PM002702270659	724041105320435	Roychell	831540	2003	Roy	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116741756	276000116741756	Royval	599465	2010	Ruacana	Joyboy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLITAM019500366874	380019500366874	Ruacana	926406	2003	Rubens	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM0000535936380	2760000535936380	Ruacman	841002	2009	Ruacana	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLDEUM000579176497	276000579176497	Ruado RF	671145	2002	Rubens	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000663510351	276000663510351	Ruamar	924959	2009	Ruacana	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000768274025	276000768274025	Rubadon	916680	2002	Rubens	Cadon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001401240594	276001401240594	Rubaro	830952	1999	Rubens RF	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000768156507	276000768156507	Rubello	916500	2002	Rubens	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000577182316	276000577182316	Rubens	912929	1996	Rudi	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001601971803	276001601971803	Rubenso	465250	2004	Rubens RF	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579643736	276000579643736	Rubesi	916805	2003	Rubens	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663196095	276000663196095	Rubicon	795200	2008	Roumare	Finley	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLNLDM000747822545	528000747822545	Rubidus	599498	2011	Destry	Canvas	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000341440533	276000341440533	Rubin	830589	1997	Rudolph	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579530275	276000579530275	Rubinrot	916475	2002	Rubens	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000536430044	276000536430044	Rubio	917345	2010	Ruleto	Carmano	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349382128	276000349382128	Rubix	328672	2003	Ramos	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579643730	276000579643730	Ruboldo	916770	2003	Rubens	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000139263840	840000139263840	Ruby Jet	506203	2008	Jet Stream	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000359855982	528000359855982	Rucelli	922410	2003	Rubens	Herald	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000114316243	276000114316243	Ruckman	565938	2004	Ramos	Patrick	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345448911	276000345448911	Ruckzuck	669924	2000	Rumbiak	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579872865	276000579872865	Rucor Red	916882	2003	Rubens	Belltom RF	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000496728079	528000496728079	Rudenz	471932	2008	Roumare	O-Man	H1N	H2N	H3P	H4P	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLCANM000006718774	276000660659754	Rudiboy	913724	1996	Rudi	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

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DEU KB Bullen
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German AI bulls
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Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000344603221	276000344603221	Rudisso	458659	1998	Rudolph	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000341194172	276000341194172	Rudnik	820491	1997	Rudolph	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000111913207	276000111913207	Ruediger	668366	1998	Rudolph	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351672152	276000351672152	Ruffio	832142	2007	Roumare	Manager ET	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000351721543	276000351721543	Ruffino	470359	2008	Roumare	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001400990250	276001400990250	Rufus	830811	1998	Rudolph	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579643738	276000579643738	Rugado RF	671368	2003	Rubens	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579819943	276000579819943	Rugallo	916838	2003	Rubens	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579516286	276000579516286	Rugard	596293	2002	Rubens	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLD000352622473	528000352622473	Rugny	916801	2003	Rubens	Laurel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000811908350	276000811908350	Rugold	327502	2001	Rubens RF	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342340354	276000342340354	Ruhm	138885	1998	Rudolph	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLD000486950972	528000486950972	Ruidoso	832175	2007	Roumare	Aaron	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000116709174	276000116709174	Rujock	996833	2009	Ruacana	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLDEUM000812230100	276000812230100	Ruko	996185	2003	Rubens	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000579819942	276000579819942	Rulaxi	916840	2003	Rubens	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579790875	276000579790875	Rulead	915854	2002	Rubens	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLLUX000798414145	442000798414145	Ruleto	916920	2003	Rubens	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342944875	276000342944875	Ruloff	821056	1998	Rudolph	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000577167069	276000577167069	Rumann	995431	1996	Rudi	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500796281	276001500796281	Rumba	673215	2004	Rumbiak	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343110454	276000343110454	Rumbiak	325611	1998	Ronald	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345773349	276000345773349	Rumbo	831084	2000	Rubens RF	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349069108	276000349069108	Rumex	810966	2003	Rutil	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000536351989	276000536351989	Rumiano	917399	2010	Ruleto	Laurel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580176864	276000580176864	Rumin	673635	2005	Rumbiak	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578130307	276000578130307	Ruminant	914414	1998	Rudi	Momentum	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000533785445	276000533785445	Rummy	916674	2002	Rubens	Lay Out	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001300315612	276001300315612	Rumpel	801081	1998	Rudolph	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000113657906	276000113657906	Rumpin	595749	2001	Rainbow	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000536418121	276000536418121	Rumshot	917349	2010	Ruleto	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578366871	276000578366871	Rundum	914696	1999	Rubens	Oregon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLD000498823718	528000498823718	Runi	832494	2008	Mr.Burns	Advent-Red	H1N	H2P	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
02	HOLDEUM000812707393	276000812707393	Runiko	996137	2003	Rubens	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLCHEM120044363465	276001402808907	Runio	831874	2005	Rustler	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348110960	276000348110960	Runjas	464399	2003	Rutil	Delight	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349738323	276000349738323	Runner	257750	2004	Rumbiak	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351623211	276000351623211	Runold	470006	2007	Roumare	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM000203002022	380000203002022	Ruoli	668255	1998	Rudolph	Kent	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLD000391444708	528000391444708	Rupert Red	831623	2004	Rubens	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349296979	276000349296979	Ruperti	831589	2003	Rubin	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536335022	276000536335022	Rupie	917335	2010	Ruacana	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000535936383	276000535936383	Rush RF	677509	2009	Ruacana	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000347935317	276000347935317	Rush-On	916800	2003	Rubens	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578879445	276000578879445	Rushhour	915414	2000	Rubens RF	Dainesty	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000484738701	528000484738701	Rushid	832204	2007	Roumare	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577802327	276000577802327	Ruskin	668091	1997	Rudolph	Exranco	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579834235	276000579834235	Rusko	810973	2003	Riverland	Bombay	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000533537000	276000533537000	Russo RF	670850	2002	Rubens RF	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000343997421	276000343997421	Rustan	459695	1999	Rusto ET	St.Romeo	H1N	H2N	H3N	H4N	H5P	CDN	MAR	

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DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000348693006	276000348693006	Rustikan	465643	2005	Ready	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579810464	276000579810464	Rustikus	916890	2003	Rubens	Lucky Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM001402779837	276001402779837	Rustique	832014	2007	Rustler	Koerier114	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000127329466	840000127329466	Rustler	297548	1999	Laredo Red	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001021275360	276001021275360	Rusto ET	395135	1992	Raider	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000132882550	056000132882550	Rusty	831195	2001	Rubens RF	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000352491773	276000352491773	Rutalent	996975	2009	Rulead	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000579643735	276000579643735	Rutam	916836	2003	Rubens	Boudewijn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348275075	276000348275075	Rutan	464124	2003	Rutil	Restar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000289560651	528000289560651	Rutger	632021	2000	Rusael	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000484389732	528000484389732	Rutherford	832227	2008	Roumare	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000769295766	276000769295766	Rutilar	917329	2009	Ruacana	Elayo	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000579267517	276000579267517	Ruval	916441	2002	Rubens	Savoy Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000352491786	276000352491786	Ruven	473468	2009	Rulead	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000341935559	276000341935559	Ruwenz	456954	1997	Rudolph	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM008841005471	250008841005471	Ruwer	831645	2004	Rudolph	Evreux	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000347440967	276000347440967	Ruwilllo	926283	2002	Rubens	Athlet RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535754731	276000535754731	Ruwin	917339	2009	Rugny	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000063563659	840000063563659	Ryan	506077	2007	Ramos	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135297562	840000135297562	SV Thomaso	505650	2004	Throne	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000134986377	840000134986377	SV Thorn	505649	2004	Finley	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355064966	276000355064966	Saalfeld	823021	2011	Snowman	Shottle	H1N	H2N	H3P	H4N	H5N	CDP	RA	CD Gentest
02	HOLDEUM000578492274	276000578492274	Sabado	915209	1999	Savoy Red	Clor	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000535640272	276000535640272	Sabaly	599449	2008	Stabilo	September	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113547040	276000113547040	Sabanto	565769	2003	Stormatic	Brock	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768768424	276000768768424	Sabari	811131	2006	Shottle	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOL840M003135087031	840003135087031	Saber	508380	2015	Jedi	Headway	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLCANM000105282601	124000105282601	Sabin	331656	2008	Frosty	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLDEUM000662192659	276000662192659	Sabiner	922472	2003	September	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000355310025	276000355310025	Sacarno	927402	2012	Salve	Carmano	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLITAM017500195480	380017500195480	Sacco	831416	2002	Sabre	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM024000366331	380024000366331	Sachalin	810932	2002	Sabre	Valentein	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000348106754	528000348106754	Sachalin	671271	2002	Sabre	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000114056130	276000114056130	Sachding	565709	2002	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000254228	208004534802808	Sacramento	637086	2009	Socrates	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001402985964	276001402985964	Saddy	832002	2006	Mr.Sam	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000120487257	276000120487257	Sademo	588045	2012	Selayo	Marbach	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest
02	HOLDEUM000115637819	276000115637819	Saderi	597792	2006	Salto RF	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000524315790	528000524315790	Sadri	811301	2009	Stol Joc	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000114480305	276000114480305	Sadno	566611	2004	September	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001404122773	276001404122773	Sadoc	811416	2011	Snowman	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000351149925	276000351149925	Sador	330521	2006	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000663284241	276000663284241	Safari	804197	2008	Stol Joc	Riverland	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM000770579041	276000770579041	Safe P RDC	684972	2017	Salvatore	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDP	RUW	CD Gentest
01	HOLDEUM000347602339	276000347602339	Safran	142247	2003	Stormatic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000357362108	276000357362108	Safran	823117	2014	Shotglass	Planet	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD Gentest
01	HOLDEUM001402836541	276001402836541	Safran	831926	2005	Mr.Sam	Eland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000104634184	124000104634184	Sagard	917151	2007	Lichtblick	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000116719094	276000116719094	Saharo	568576	2009	Spooky	Leif	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLIRLM191181770904	372191181770904	Sahel	804262	2010	Super	Roumare	H1P	H2N	H3N	H4P	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1	HH2	HH3	HH4	HH5	CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000538145738	528000538145738	Sahin	599495	2011	Matrix	Mr.Burns	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000580102626	276000580102626	Said	811016	2004	Spy	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000536354243	276000536354243	Saiko	677901	2010	Sahara	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534892575	276000534892575	Sailor	811183	2007	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000353330111	276000353330111	Saint-Red	261181	2010	Sahara	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000343857665	276000343857665	Saison	456513	1998	Storm	Brix	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990895491	380020990895491	Saito	811506	2013	Suran	Goldday	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD Gentest
02	HOLDEUM000122579108	276000122579108	Sakai Red	587519	2016	Sveen P	Aikman	H1F	H2N	H3F	H4F	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000357276911	276000357276911	Sakajo	571874	2014	Sargeant	Bookem	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest
02	HOLCANM000103473147	124000103473147	Sakari-Red	917037	2005	September	Bacculum	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000537834651	276000537834651	Sake P	680123	2012	Satchel P	Atwood	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLDEUM000350151858	276000350151858	Sakramento	466821	2006	Mr.Sam	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580567613	276000580567613	Sakret	329874	2005	Mr.Sam	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM00000648008	826305947101669	Sakrus	832487	2009	Sanchez	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769279287	276000769279287	Salaban	568566	2009	Stol Joc	Champion	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM000348222292	276000348222292	Saladin	464523	2004	Spy	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLGBRM00000646837	826726652500276	Salamar	832504	2009	Sanchez	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000545851518	528000545851518	Salambo	473570	2009	Sanchez	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000966708844	528000966708844	Salazar P	924757	2017	Salvatore	Whatsapp	H1F	H2N	H3F	H4F	H5N	CDP	Qnetics	CD Gentest
01	HOLDEUM000350369068	276000350369068	Salbano	468288	2006	Mr.Sam	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353302729	276000353302729	Saldan	333238	2010	Sallas	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534600138	276000534600138	Sale Red	917111	2006	Salto RF	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350597986	276000350597986	Salem	145550	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000002235928	840000002235928	Salem	504336	1993	Choice ET	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM00000259048	208003754606048	Saleno	811589	2016	Storm	Balisto	H1F	H2N	H3F	H4F	H5N	CDP	RBB	CD Gentest
01	HOLDEUM000359980278	276000359980278	Salentino	833279	2017	Superhero	Alta1Stcla	H1F	H2N	H3F	H4F	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000534383132	276000534383132	Salerno	811093	2005	Mr.Sam	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000535332175	276000535332175	Salesio	811228	2008	Shottle	Ticket	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000545851501	528000545851501	Salaz	822390	2009	Sanchez	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000538143353	276000538143353	Salgado	811502	2013	Shaw	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000264152851	528000264152851	Salgado	326355	2000	Slogan	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000424462439	528000424462439	Salieri	811092	2005	Shottle	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000531685655	528000531685655	Salimore	832470	2009	Sandy	O-Man	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000342386369	276000342386369	Salish RF	477504	2013	Snow RF	Shottle	H1N	H2N	H3P	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000121297153	276000121297153	Salitos	833040	2014	Smurf	Shamrock	H1N	H2N	H3N	H4N	H5P	CDP	MAR	CD Gentest
01	HOLDEUM000346795587	276000346795587	Sallas	328275	2003	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDNKM00000250116	208003372303063	Salomo	831914	2006	Mr.Sam	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000112367486	276000112367486	Salomon	594996	1999	Sigmar	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000342386369	276000342386369	Salomon	456679	1998	Storm	Jolli	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000352642476	276000352642476	Saloniki	472199	2009	Shottle	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402204406	276001402204406	Salor	831476	2003	Sandel	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000008956384	124000008956384	Salsa	503948	2007	Lou	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLCANM000103075305	124000103075305	Salso	503908	2005	Titanic	Champion	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356126915	276000356126915	Saltant	334862	2012	Sudan	Freddie	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLNLDM000586897801	528000586897801	Saltasire	619185	2017	Salvatore	AltaSpring	H1F	H2N	H3F	H4F	H5N	CDP	Qnetics	CD Gentest
02	HOLDEUM000115798706	276000115798706	Saltin	922911	2006	Salto RF	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000102774613	276000102774613	Salto	561008	1995	Slocum	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM0001012102101	276001012102101	Salut	132509	1991	Southwind	Wagner	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358527047	276000358527047	Salvador	154230	2015	Silver	Supersire	H1F	H2N	H3F	H4F	H5N	CDP	VOST	CD Gentest
02	HOLAUTM000702353338	040000702353338	Salvador R	2017	Styx Red	Esperado P	H1F	H2N	H3F	H4F	H5N	CDP	ZAR Wien	CD Gentest	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000696353437	528000696353437	Salvaner	917464	2012	Savage	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDP	RUW	CD 97% Traegerwahrscheinlichkeit
01	HOLDEUM000353694599	276000353694599	Salvani	474155	2010	Socrates	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000667131239	276000667131239	Salvator P	997310	2017	Salvatore	Whatsapp	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000533922884	276000533922884	Salvatore	810946	2003	Steven	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000536354246	276000536354246	Salve	917342	2010	Sahara	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578120814	276000578120814	Salvo	668398	1998	Jolt	Stollberg	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000359821287	276000359821287	Salvo RDC	833269	2017	Salvatore	Commander	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000351664994	276000351664994	Salway	472965	2009	Shottle	Stormatic	H1N	H2N	H3N	H4N	H5P	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000662725385	276000662725385	Sam Brown	634668	2005	Mr.Sam	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000353406828	276000353406828	Samaras	473712	2010	Savard-ET	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000350564678	276000350564678	Samario	330461	2006	Mr.Sam	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000257517	208003372306369	Samaris	811524	2014	Sargeant	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLUSAM000062294294	84000062294294	Samaro	505809	2005	Mr.Sam	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000539963307	276000539963307	Samba	917608	2017	Salvatore	Whatsapp	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001602239110	276001602239110	Sambal	832001	2006	Mr.Sam	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403308543	276001403308543	Sambarey	832088	2007	Mr.Sam	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000101699366	124000101699366	Sambesi	328500	2003	Stormatic	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 91% Traegerwahrscheinlichkeit
01	HOLDEUM000350165713	276000350165713	Sambesi	831869	2005	Mr.Sam	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001602119847	276001602119847	Sambesi	840808	2006	Mr.Sam	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLIRLM191164551312	372191164551312	Sambesi	567427	2006	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLNLDM000676935082	528000676935082	Sambesi	685581	2017	Simba	Battlecry	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000348693001	276000348693001	Samboro	465644	2005	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000122121166	276000122121166	Sambuca	571914	2015	Silver	Doorman	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000441736368	528000441736368	Sambuco	634499	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000534383150	276000534383150	Samburu	811107	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDF	RBB	CD Gentest
01	HOLDEUM000115867939	276000115867939	Sameo	568531	2007	Shottle	James	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001402095750	276001402095750	Samin	831501	2003	Sandel	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115423340	276000115423340	Samir	804048	2006	Mr.Sam	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000355153736	528000355153736	Samir	810967	2003	Sinatra	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115302436	276000115302436	Samitiro	468001	2006	Mr.Sam	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662733923	276000662733923	Sammer	840806	2006	Mr.Sam	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLIRLM191181770697	372191181770697	Sammy	804032	2005	Mr.Sam	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000103455252	124000103455252	Samoa	330076	2006	Mr.Sam	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112576186	276000112576186	Samoa	595091	1999	Sigmar	Marty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537542689	276000537542689	Samoa	151572	2013	Shaw	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000399172580	528000399172580	Samon	831880	2005	Mr.Sam	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351664999	276000351664999	Samonty	471094	2008	Mr.Sam	Moto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537499092	276000537499092	Samori	811459	2012	Sudan	Roumare	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000350195611	276000350195611	Samos	840818	2006	Shottle	Stormatic	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLDEUM000355377180	276000355377180	Samos	477512	2012	Shamrock	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000449372975	528000449372975	Samos	831913	2006	Mr.Sam	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000007221628	124000007221628	Sampler	297615	2000	Savoy Red	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346974959	276000346974959	Samso	463776	2003	Stormatic	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350263611	276000350263611	Samson	144454	2005	Mr.Sam	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000433561699	528000433561699	Samson	831898	2005	Mr.Sam	Stormatic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLUSAM000066050444	840000066050444	Samson	332157	2008	Mr.Burns	Goldwin	H1N	H2N	H3N	H4N	H5N	CDH	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001501733253	276001501733253	Samu	571876	2013	Shaw	Bogart	H1N	H2N	H3N	H4N	H5P	CDF	RSH	CD Gentest
01	HOLDEUM000350264610	276000350264610	Samuel	804046	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM001404380605	276001404380605	Samui	476531	2012	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000344694026	276000344694026	Samurai	254510	1998	Sioux	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	OHG	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000662765207	276000662765207	San Diego	634670	2006	Mr.Sam	Outside	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000698033562	528000698033562	Sanbos	832521	2010	Sanchez	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000393384158	528000393384158	Sanchez	811094	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM001402834244	276001402834244	Sancho	831996	2006	Mr.Sam	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500741513	276001500741513	Sanco	821427	2003	Steven	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000447955736	528000447955736	Sandano	567473	2007	Shottle	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RSH	
01	HOLDEUM001400037558	276001400037558	Sandel	830405	1996	Sand	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001268062484	276001268062484	Sandemann	810545	1996	Sand	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115302403	276000115302403	Sander	144449	2005	Mr.Sam	Encore	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM019990284224	380019990284224	Sandino	811095	2005	Mr.Sam	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000538269231	276000538269231	Sandivo	833020	2014	Shotglass	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDNKM000000254993	208002371402324	Sandokan	570411	2011	Snowman	Planet	H1N	H2N	H3P	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDNKM000000257842	208003372306715	Sandor	811551	2015	Supershot	Epic	H1F	H2N	H3F	H4F	H5N	CDN	RBB	CD Gentest
01	HOLNLDM000878890945	528000878890945	Sandoz	823129	2014	Sargeant	Hunter	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000353682056	276000353682056	Sandrino	832497	2010	Sanchez	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000006838496	276001401244794	Sandro	830568	1997	Storm	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001401861530	276001401861530	Sandy	831400	2002	Sandro	Mateo RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000532855684	528000532855684	Sango	148573	2009	Sanchez	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD 96% Traegerwahrscheinlichkeit
02	HOLDEUM000537792663	276000537792663	Sangria P	917516	2013	Satchel P	Fidelity	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLNLDM000532453471	528000532453471	Sangun	832534	2010	Sanchez	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM008841175630	250008841175630	Saniol	144486	2006	Shottle	Lounge	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDEUM000114773029	276000114773029	Sanity	566638	2004	Spy	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000352900499	276000352900499	Sanktus	473393	2009	Sanchez	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 97% Traegerwahrscheinlichkeit
01	HOLNLDM000757938643	528000757938643	Sanogo	823023	2011	Snowman	Mr.Burns	H1N	H2N	H3P	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000538155614	276000538155614	Sanremo	335530	2013	Shaw	Snowman	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000114114003	276000114114003	Sansiba	802625	2003	Stormatic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001404516421	276001404516421	Sansibar	837922	2014	Sargeant	Snowman	H1N	H2N	H3P	H4N	H5N	CDN	Goepel	
01	HOLIRLM191164571314	372191164571314	Sansibar	811117	2006	Shottle	Morty	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM000355414067	276000355414067	Sansiro	334341	2012	Snowman	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDNKM00000246579	208003870001700	Sansiro	328050	2002	Steven	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539274448	276000539274448	SantaClaus	823182	2015	Supershot	Balisto	H1F	H2N	H3F	H4F	H5N	CDN	RA	CD Gentest
01	HOLDEUM000350369016	276000350369016	Santaclaus	466686	2005	Mr.Sam	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000919964015	276000919964015	Santana	820403	1996	Starleader	Cleitus	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001602709839	276001602709839	Santander	841011	2009	Sandy	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLDEUM000666765997	276000666765997	Santano	499055	2015	Slate	Supersire	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	CD Gentest
01	HOLDEUM001501899422	276001501899422	Santano	811446	2012	Scaloni	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLIRLM191181710907	372191181710907	Santelli	811393	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001402115395	276001402115395	Santi	831452	2003	Sandel	Choice ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353940669	276000353940669	Santiago	474898	2010	Sanchez	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000663498659	528000663498659	Santiago	619181	2017	Salvatore	Silver	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLNLDM000882262730	528000882262730	Santiago	804286	2011	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM001266875965	276001266875965	Santiano	811486	2013	Suran	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000349766431	276000349766431	Santini	144429	2005	September	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356333292	276000356333292	Santini	811491	2013	Suran	Gerard	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000355478026	528000355478026	Santini	328214	2003	Sinatra	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990212075	380020990212075	Santis	804054	2006	Shottle	Zecher	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351144022	276000351144022	Santo	804092	2006	Shottle	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000369781154	528000369781154	Santorini	831561	2004	Sinatra	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357780098	276000357780098	Santoro	833104	2015	Supershot	Numero Uno	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000342435360	276000342435360	Santos	810637	1998	Storm	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD 99% Traegerwahrscheinlichkeit

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLCANM000106109401	124000106109401	SanturioRF	676949	2009	Planet	Bolton	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000342835232	276000342835232	Saphir	253858	1997	Storm	Prelude	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000360137584	276000360137584	Saphir P	499106	2017	Sixpack	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLNLDM000530667948	528000530667948	Sapporo	677776	2010	Sanchez	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLUSAM000060834114	840000060834114	Sarasota	297761	2003	Paradox	Rubens RF	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000952479467	276000952479467	Saratoga	797110	2017	Superhero	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	BayGen	CD Gentest
01	HOLDEUM000355177686	276000355177686	Saratov	334401	2012	Sterngold	Joker ET	H1N	H2N	H3N	H4P	H5P	CDN	MAR	
01	HOLNLDM000445788938	528000445788938	Saratow	811118	2006	Shottle	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001401467726	276001401467726	Sarazin	831358	2002	Saratoga	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350104843	276000350104843	Sarde	831863	2005	Mr.Sam	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000117193729	276000117193729	Sardenko	599468	2010	Sahara	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
02	HOLDEUM000578670378	276000578670378	Saredo	915468	2000	Savoy Red	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402779833	276001402779833	Sarek	832015	2007	Mr.Sam	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000545961406	528000545961406	Sarik	832501	2010	Sanchez	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000660726126	276000660726126	Sarlet	630931	1998	Storm	Leadman	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001303432191	276001303432191	Sarok	832454	2008	Shottle	Lynch	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000813422372	276000813422372	Saron	764014	2005	Mr.Sam	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLITAM017990189866	380017990189866	Saronto	831867	2005	Mr.Sam	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346996001	276000346996001	Sarotti	463145	2003	Stormatic	Mandel	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000350995813	276000350995813	Sarucco	330639	2006	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000350104889	276000350104889	Sascha	258660	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000662449035	276000662449035	Sascha	811019	2004	Step	Esar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000537188912	276000537188912	Satchmo	917442	2011	Satchel	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDNKM00000254992	208003754604420	Satellit	804296	2011	Sterngold	Ramos	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest
02	HOLNLDM000707962964	528000707962964	Satin	149956	2011	Secure Red	Lawn Boy	H1N	H2P	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000358235544	276000358235544	Satisfy	833115	2015	Slate	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000115248588	276000115248588	Satrap	597725	2006	September	Jurist	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000355080796	276000355080796	Saturn	795730	2011	Snowman	Planet	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM000535616405	276000535616405	Saturn	148513	2008	Sidney	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350692763	276000350692763	Saturno	468816	2006	Shottle	Integrity	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000348082471	276000348082471	Sauron	463861	2003	Sinatra	Basar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000940538162	528000940538162	Sava	832570	2010	Super	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000114773030	276000114773030	Savage	566640	2004	Spy	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000527992433	528000527992433	Savarin	832409	2008	Support	Finley	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM001442241936	250001442241936	Savas	832201	2007	Satire	Morty	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000354651314	276000354651314	Save RF	679209	2011	Savage	Curtis	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000360848342	276000360848342	Saveli	811611	2017	Sharpe	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001261455173	276001261455173	Savio	811609	2017	Salvatore	Yoder	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001602810646	276001602810646	Savoy	619042	2011	Snowman	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000356148844	276000356148844	Saxo	151547	2012	Sudan	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000354229901	276000354229901	Saxonia	333497	2011	Samson	Ramos	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLUSAM000070750495	840000070750495	Say	823028	2011	Lewis	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDNKM000000251682	208005609301792	Scadoo	832153	2007	Sharky	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500155383	276001500155383	Scalli	811122	2006	Shottle	Allen	H1N	H2N	H3N	H4N	H5P	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM020990172672	380020990172672	Scaloni	811109	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000537288283	276000537288283	Scandic PP	917517	2012	Stronger P	Lypoll P	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000352795233	276000352795233	Scanner	332530	2009	Stol Joc	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000062555648	840000062555648	Scarabeus	330100	2005	Shottle	Durham	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM0001261183702	276001261183702	Scarletti	810969	2003	Stormatic	Jolt	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 94% Traegerwahrscheinlichkeit
01	HOLAUTM000798806228	040000798806228	Sch Aron R		2014	Adonis-Red	Carmano	H1F	H2N	H3F	H4F	H5N	CDN	ZAR Wien	

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 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000768768423	276000768768423	Schaffner	468294	2006	Shottle	Rubens RF	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000343384233	276000343384233	Schah	810650	1998	Storm	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLCANM000104167501	124000104167501	Schalke	917222	2006	Saito RF	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347526596	276000347526596	Schamane	810916	2002	Starleader	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000113658787	276000113658787	Schamoni	595723	2001	Stadel	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000476949472	528000476949472	Schamura	567464	2006	Shottle	Titanic	H1N	H2N	H3N	H4N	H5P	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000354550508	276000354550508	Schelin	333619	2011	Samson	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM0001402951094	2760001402951094	Schelm	144490	2006	Shottle	Manat	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDNKM000000255556	208002371402412	Schiller	151526	2012	Snowman	Xacobeo	H1N	H2N	H3P	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000352191008	276000352191008	Schilling	471323	2008	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000251679	208004199601246	Schilok	832164	2007	Sharky	Etlar TV	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000747887878	528000747887878	Schiri	822467	2011	Spearmint	Bolton	H1N	H2P	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000348404843	276000348404843	Schiwago	465111	2004	Stormatic	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343067711	276000343067711	Scholl	325516	1998	Storm	Luke	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350431767	276000350431767	Schoner	145502	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000366157422	528000366157422	Schramm	565798	2003	Sinatra	Lava	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350835755	276000350835755	Schreiber	468291	2006	Shottle	Elmo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348941228	276000348941228	Schuetze	468031	2006	Shottle	Allen	H1N	H2N	H3N	H4N	H5P	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000243968819	528000243968819	Schurink	297583	1999	Pablo	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000666123925	276000666123925	Scipio	619059	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD Gentest
01	HOLDEUM000356390435	276000356390435	Scirocco	477771	2013	Supersire	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000535249454	276000535249454	Scolani	811288	2008	Stol Joc	Ramos	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000579463133	276000579463133	Scolari	821340	2002	Steven	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000666062411	276000666062411	Scolari	619060	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000352756175	276000352756175	Scooter	332524	2008	Stylist	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694254	276000580694254	Scooter	145544	2007	Shottle	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000868271457	528000868271457	Score	619097	2013	Snowmaster	Planet	H1N	H2N	H3P	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000349552945	276000349552945	Scorer	328977	2004	Strunz	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000251170	208004199601223	Scorpio	145599	2006	Sharky	Etlar TV	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLCANM000101530901	124000101530901	Scorpion	503825	2003	Morty	Inquirer	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000354598692	276000354598692	Scorpion	795590	2011	Sebastian	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	Greifenb	CD Gentest
01	HOLUSAM000065975006	840000065975006	Scorpion	506678	2010	Super	Finley	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402834304	276001402834304	Scotch	832024	2006	Mr.Sam	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349003309	276000349003309	Scott	328202	2003	Stormatic	Heldostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302228163	276001302228163	Scott	565911	2003	Skychief	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348082495	276000348082495	Scotty	463554	2003	Steven	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666506516	276000666506516	Scotty	619101	2014	Shotglass	Fidji	H1N	H2N	H3N	H4N	H5N	CDP	Qnetics	CD Gentest
01	HOLDNKM000000249717	208002724001020	Scrabble	634393	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001402834238	276001402834238	Scully	831995	2006	Mr.Sam	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000012130482	124000012130482	Seaside	507940	2015	Supershot	Número Uno	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000356617686	276000356617686	Season	263404	2013	Select	Beacon	H1F	H2N	H3F	H4F	H5P	CDP	OHG	CD Gentest
01	HOLDEUM000354494759	276000354494759	Season RDC	680955	2013	Shotglass	Axion-Red	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
02	HOLUSAM000068871591	840000068871591	Seattle	506507	2010	Reality	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000349914815	276000349914815	Seattle R	258595	2005	September	Igniter	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000114114002	276000114114002	Sebaldus	565914	2003	Stormatic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000769688367	276000769688367	Sebeo	917461	2012	Selayo	Malvoy	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLNLDM000483992010	528000483992010	Secambre	832158	2007	Sharky	Emil	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353962195	276000353962195	Secco	261666	2010	Sebastian	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD Gentest
01	HOLDEUM001302975710	276001302975710	SecondLook	804076	2006	Shottle	Lartist	H1N	H2N	H3N	H4N	H5P	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001302975732	276001302975732	SecondView	804075	2006	Shottle	Lartist	H1P	H2N	H3N	H4N	H5N	CDN	RA	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalIID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000354833435	276000354833435	Secundo	476165	2011	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit CD Gentest
02	HOLDEUM000536989039	276000536989039	Security	917438	2011	Selayo	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF	RUW	
01	HOLDEUM000661473614	276000661473614	Sedan	631923	2000	Sierra	RC Matt	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM003704250470	250003704250470	Sedan	144484	2005	Shottle	Forbidden	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
02	HOLDEUM000349893506	276000349893506	Seedorf	144462	2005	September	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346800454	276000346800454	Sefir	840670	2003	Stormatic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000250493	208003578801893	Sefrin	330875	2006	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000115423316	276000115423316	Segno	567422	2006	Mr.Sam	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348404839	276000348404839	Seibold	464693	2004	Sinatra	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342402432	276000342402432	Seiko	456677	1998	Storm	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021411076	276001021411076	Sektor	397216	1994	Southwind	Spruce	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000104852643	124000104852643	Selayo	917153	2007	Elayo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 88% Traegerwahrscheinlichkeit
01	HOLDEUM000352456479	276000352456479	Selbo	148093	2009	Sidney	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000536934097	276000536934097	Seldom	917435	2011	Selayo	Devil	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000354891684	276000354891684	Select	262200	2011	Snowman	Planet	H1N	H2N	H3P	H4N	H5N	CDF	OHG	CD Gentest
01	HOLIRLM191181790872	372191181790872	Selection	473787	2009	Sanchez	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115189925	276000115189925	Selenit	567430	2006	Shottle	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500158898	276001500158898	Selenius	811110	2006	Shottle	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000666860668	276000666860668	Selfie	154234	2015	Supershot	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000347439148	276000347439148	Sellimi	327733	2002	Skywalker	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000437185493	528000437185493	Sellito	567456	2006	Mr.Sam	Marshall ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116132766	276000116132766	Selono	599426	2008	Spencer 2	Achtung	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349747259	276000349747259	Selto	566687	2005	Shottle	Skywalker	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000350660660	276000350660660	Semester	469444	2007	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001501387474	276001501387474	Semino	811577	2016	Silver	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000768555487	276000768555487	Semjon	811023	2004	Spy	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348203172	276000348203172	Semper	143386	2004	September	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000366055258	528000366055258	Senator	831537	2003	Sinatra	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000667069914	276000667069914	Senator P	499107	2017	Styx Red	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000343424100	276000343424100	Senegal	810646	1998	Storm	Esquimau	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349094014	276000349094014	Senegal	142299	2003	Stormatic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 94% Traegerwahrscheinlichkeit
01	HOLLUXM000799563458	442000799563458	Senetto	811601	2017	Superhero	Silver	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
02	HOLNLDM000449187874	528000449187874	Senmar	917230	2007	Spencer 2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349993455	276000349993455	Senna	145503	2006	Mr.Sam	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000947694586	528000947694586	Senna PP	499051	2015	Eraser P	Snowman	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLIRLM191181720684	372191181720684	Sensai	811096	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000533932042	276000533932042	Seoul	916993	2004	September	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114979212	276000114979212	Sepda	597701	2005	September	Rainbow	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000812756553	276000812756553	Sepens	996372	2004	September	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350264591	276000350264591	Sepp	804037	2006	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000345376772	276000345376772	Seppel	802504	2000	Sierra	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000112720060	276000112720060	September	564429	2000	Sierra	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000102279877	124000102279877	Septum	926500	2004	September	Jolt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000136347729	840000136347729	Septum	822089	2005	September	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000115372097	276000115372097	Sera	567454	2006	Shottle	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350264603	276000350264603	Seramis	144479	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLNLDM000933137976	528000933137976	Seramis	334152	2011	Super	Mr.Sam	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580143937	276000580143937	Serano	916998	2004	September	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000534346761	276000534346761	Seraphin	917044	2005	September	James	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 96% Traegerwahrscheinlichkeit CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000662369586	276000662369586	Seredo	996603	2004	September	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDP	RBW	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1	HH2	HH3	HH4	HH5	CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000536787816	276000536787816	Serengeti	917423	2011	Serano	Woody	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000878742646	528000878742646	Serengeti	570404	2011	Selvino	Fibrax	H1N	H2N	H3N	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000580593096	276000580593096	Sergej	811130	2006	Shottle	Capri	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM000354494758	276000354494758	Sergio RF	507564	2013	Shotglass	Axion-Red	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLIRLM191181770887	372191181770887	Serino	804260	2010	Sebastian	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000347780198	276000347780198	Sernetz	327787	2002	Sabre	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000386418945	528000386418945	Sero	917068	2005	September	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347285442	276000347285442	Serono	326949	2001	Sierra	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351274048	276000351274048	Serpens	331150	2007	Serono	Vitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000812999974	276000812999974	Serub	996353	2004	September	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000343507120	276000343507120	Servus	456843	1998	Storm	Belltone	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001500598903	276001500598903	Servus	821232	2000	Sierra	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500163986	276001500163986	Sesam	811033	2004	Spy	Slogan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115189928	276000115189928	Sesterz	567451	2006	Shottle	Adam II	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000355600304	276000355600304	Settle	766599	2012	Sudan	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
02	HOLNLDM000718060039	528000718060039	Seven P	917521	2013	Parma PP	Jerudo	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000666860667	276000666860667	Seven Up	619143	2015	Supershot	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001269135969	276001269135969	Severin	810368	1995	Slocum	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000534622004	276000534622004	Shaddi	764216	2006	Shottle	Addison	H1N	H2N	H3N	H4N	H5P	CDN	RBW	
01	HOLNLDM000438266441	528000438266441	Shaddow	831979	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLNLDM000491815174	528000491815174	Shadell	832211	2008	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000355338375	276000355338375	Shado	477237	2012	Shamrock	Dotson	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLNLDM000438266326	528000438266326	Shador	831908	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000137162693	840000137162693	Shador	673864	2005	Shottle	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580631005	276000580631005	Shadow	258725	2006	Shottle	Laibert	H1N	H2N	H3N	H4N	H5P	CDN	OHG	
01	HOLDEUM000666196663	276000666196663	Shadow	619069	2012	Shamrock	Freddie	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000279792345	528000279792345	Shadow	501736	2000	Webster	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLCHEM120035609145	756120035609145	Shadow 3	505745	2004	Morty	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000543318009	056000543318009	Shadwell	635256	2006	Shottle	Lentini RF	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000535267549	276000535267549	Shady	260046	2008	Shottle	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLUSAM000062563782	840000062563782	Shady II	505865	2006	Shottle	Morty	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
02	HOLCANM000011194174	124000011194174	Shaft	917371	2010	Shaquille	Mr.Burns	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM000355651099	276000355651099	Shagall	476498	2012	Shamrock	Billion 3	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000538143359	276000538143359	Shagawa	681113	2013	Shotglass	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000357025113	276000357025113	Shaimon	479003	2013	Shaw	Gerard	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM001403046500	276001403046500	Shaitan	832107	2007	Shottle	Esar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580694289	276000580694289	Shake	675731	2007	Shottle	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000137310863	840000137310863	Shakespear	674093	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001302975736	276001302975736	Shakiro	804069	2006	Shottle	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402851488	276001402851488	Shakiro	831958	2006	Shottle	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000448781170	528000448781170	Shalimar	832114	2006	Shottle	Finley	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403046359	276001403046359	Shamal	832093	2007	Shottle	Emory	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000355362714	276000355362714	Shamane	832622	2012	Shamrock	Billion 3	H1N	H2N	H3N	H4N	H5N	CDF	MAR	
02	HOLDEUM000113095700	276000113095700	Shameless	595549	2001	Stoll	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402951096	276001402951096	Shamir	831921	2006	Shottle	Manat	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLCANM000107270533	124000107270533	Shanapol P	823035	2011	Observer	Mitey P	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000349739141	276000349739141	Shandar	258420	2005	Shottle	Brett	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000348827996	276000348827996	Shanghai	634663	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000350201290	276000350201290	Shanghai	258585	2005	Shottle	Orion	H1N	H2N	H3N	H4N	H5P	CDN	OHG	
01	HOLDEUM000359821251	276000359821251	Shanghai	833295	2017	Sharpe	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579699546	276000579699546	Shannon	810964	2003	Stormatic	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000135799439	840000135799439	Shannon-ET	505763	2004	September	Terry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500155938	276001500155938	Shantash	832013	2007	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000578947219	276000578947219	Shanty	801742	2000	Shane	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580668739	276000580668739	Shanty	635016	2006	Shottle	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLD000358040068	528000358040068	Shanty	831894	2005	Shottle	Durham	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000537480696	276000537480696	Shape	680225	2012	Shamrock	Super	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349914473	276000349914473	Sharan	822139	2005	Shottle	Marshal ET	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000356779874	276000356779874	Sharan	263250	2013	Shaw	Observer	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001402950983	276001402950983	Sharan	831949	2006	Shottle	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580496513	276000580496513	Sharif	145500	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDEUM000662950635	276000662950635	Sharif	635451	2007	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM001403190145	276001403190145	Sharivari	832081	2007	Shottle	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350614858	276000350614858	Shark	794820	2006	Shottle	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOL840M003004385433	840003004385433	Sharmano	917191	2008	Carmano	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000534924821	276000534924821	Sharp	675104	2007	Sharky	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500150979	276001500150979	Shasto	832105	2007	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLFRAM004241141793	250004241141793	Shaw	840816	2006	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLDEUM000351755960	276000351755960	Shawn	259930	2007	Shottle	Morty	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001402951395	276001402951395	Shawnee	832026	2006	Shottle	Q F Lad	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLUSAM000068871604	840000068871604	Shawnee	506508	2010	Chris	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001403190152	276001403190152	Shayano	832082	2007	Shottle	Adam II	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000662924864	276000662924864	Shazadi	832128	2007	Sharky	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768784147	276000768784147	Shean	674412	2006	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM000357306869	276000357306869	Sheeran PP	484109	2014	Esperado P	Rico	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLDEUM000662670076	276000662670076	Sheffield	674370	2006	Shottle	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000136774433	840000136774433	Shelby	673673	2005	Shottle	Addison	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM001403771612	276001403771612	Sheldon P	473467	2009	Shottle	Dar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538396918	276000538396918	Shelli	767359	2014	Shotglass	Super	H1N	H2N	H3P	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000350597926	276000350597926	Shello	764391	2006	Shottle	Cello	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000666429938	276000666429938	Shellrock	767362	2014	Shotglass	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000350960261	276000350960261	Shelter	468501	2006	Shottle	Allen	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000662646548	276000662646548	Sheridan	674413	2006	Shottle	Ford	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM001502898052	276001502898052	Sheriff	822188	2006	Shottle	Dutch Boy	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001500869937	276001500869937	Sherlock	822198	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350945201	276000350945201	Sherry	259375	2007	Shottle	Durham	H1N	H2N	H3N	H4N	H5P	CDN	OHG	
01	HOLIRLM191190540994	372191190540994	Sherry	804020	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662685452	276000662685452	Sherwood	635017	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLNLD000737688571	528000737688571	Sherwood	804303	2012	Shamrock	Bogart	H1N	H2P	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLFRAM002941260268	250002941260268	Sheslay	673941	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM000534924827	276000534924827	Shester	635460	2007	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000534600163	276000534600163	Shetland	674781	2006	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLNLD000424322955	528000424322955	Shifty	674406	2006	Shottle	Sierra	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM000534600141	276000534600141	Shiloh	674597	2006	Shottle	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350104897	276000350104897	Shimmer	674137	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLD000499040914	528000499040914	Shine P	917196	2008	Lawn Boy	Shottle	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350264590	276000350264590	Ship	831903	2006	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLDEUM000359771093	276000359771093	Shiplist	924756	2017	Styx Red	Apoll P	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000121594771	276000121594771	Shipman	571889	2014	Shandro	Beacon	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000580118695	276000580118695	Shir-Khan	674230	2006	Shottle	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000114114040	276000114114040	Shiran	143327	2003	Stormatic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000537654653	276000537654653	Shire RF	680113	2012	Showdown	Destry	H1N	H2N	H3P	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000350398925	276000350398925	Shirkan	258915	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000662733948	276000662733948	Shirkan	822196	2006	Shottle	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001501402700	276001501402700	Shirkhan	825560	2013	Madlock	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLNLD000447860719	528000447860719	Shirley	674310	2006	Shottle	Simon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000886454331	528000886454331	Shirocco	804276	2010	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
02	HOLDEUM000770549198	276000770549198	Shivago	793000	2017	Styx Red	Pat-Red	H1F	H2N	H3F	H4F	H5N	CDN	Greifenb	CD Gentest
01	HOLDEUM000350264586	276000350264586	Shobes	764093	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000350369049	276000350369049	Shocker	840824	2006	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLNLD000440899615	528000440899615	Shocrest	674590	2006	Shottle	Marshal ET	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDNKM00000250111	208003372302874	Shoeberg	831871	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLNLD000443771796	528000443771796	Shogger	840801	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4P	H5P	CDN	LTR	
01	HOLUSAM000061757678	840000061757678	Shogo	673733	2005	Shottle	Forbidden	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLFRAM002916753283	250002916753283	Shoholl	840813	2006	Shottle	Addison	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLDEUM000974549906	276000974549906	Shojur	795050	2007	Shottle	Jurmel ET	H1N	H2N	H3P	H4N	H5N	CDN	Memminge	
01	HOLNLD000427086124	528000427086124	Shokas	794800	2005	Shottle	Lukas	H1N	H2N	H3N	H4N	H5P	CDN	Memminge	
01	HOLDEUM000350805121	276000350805121	Shoko	840820	2006	Shottle	Sierra	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350961945	276000350961945	Sholan	259535	2007	Shottle	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001402851492	276001402851492	Sholar	831960	2006	Shottle	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000249778	208003372302969	Sholin	831897	2005	Shottle	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353436269	276000353436269	Sholmar	832455	2009	Shottle	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351304924	276000351304924	Shomars	764436	2007	Shottle	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLD000928772539	528000928772539	Shonestar	811557	2015	AltaSpring	Supersire	H1F	H2N	H3F	H4F	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000356357392	276000356357392	Shooter	833004	2013	Shotglass	Altalota	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000943982961	276000943982961	Shooting	795400	2009	Shaquille	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLDEUM000350131427	276000350131427	Shopper	466681	2005	Shottle	Webster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662734273	276000662734273	Shopper	634893	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000662646556	276000662646556	Shord	764050	2006	Shottle	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLD000434072907	528000434072907	Shore	674418	2006	Shottle	Russel	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662685450	276000662685450	Shoreham	635014	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM000662681737	276000662681737	Shormio	763976	2005	Shottle	Bormio	H1N	H2N	H3N	H4N	H5P	CDN	RBW	
01	HOLDEUM001602238643	276001602238643	Shoron	840839	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350451061	276000350451061	Short Cut	675260	2007	Shottle	Lambada	H1F	H2N	H3F	H4C	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000538305060	276000538305060	Shorttrack	681111	2014	Shotglass	Shamrock	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000421891351	528000421891351	Shorty	831846	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000052475562	840000052475562	Shot Gun	674153	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000358475737	276000358475737	Shot P RDC	682281	2015	Supershot	Earnhardt	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLNLD000442119717	528000442119717	Shotaro	840846	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000356963177	276000356963177	Shotello	833010	2013	Shotglass	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000534600313	276000534600313	Shotouch	674598	2006	Shottle	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLD000443147238	528000443147238	Shott	764062	2005	Shottle	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662771093	276000662771093	Shotter	822182	2006	Shottle	Eminenz	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLIRLM191181770672	372191181770672	Shottie	831845	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001503412193	276001503412193	Shottland	764368	2005	Shottle	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662950634	276000662950634	Shottmar	840865	2007	Shottle	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLFRAM004241172554	250004241172554	Shotty	840825	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	LTR	
01	HOLNLD000440899677	528000440899677	Shoven	764110	2006	Shottle	Steven	H1N	H2N	H3N	H4N	H5P	CDN	RBW	
01	HOLDEUM000579542643	276000579542643	Shovi	831932	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001602113146	276001602113146	Shovi	840804	2006	Shottle	Debut	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000357210347	276000357210347	Show	263252	2013	Shan	Bookem	H1F	H2N	H3F	H4F	H5N	CDH	OHG	CD Gentest
01	HOLUSAM000062336817	840000062336817	Showboy	673187	2005	Shottle	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350264564	276000350264564	Showdown	634664	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	ZBH	
01	HOLDEUM001501403906	276001501403906	Showdown	823100	2013	Shaw	Bogart	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000662670096	276000662670096	Shower	634897	2006	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	Memminge	
01	HOLDEUM001402761862	276001402761862	Shower	831884	2005	Shottle	Sinatra	H1N	H2N	H3P	H4N	H5P	CDN	MAR	
01	HOLDEUM001502895998	276001502895998	Shower	822186	2006	Shottle	Ford	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM001503412197	276001503412197	Showland	822160	2005	Shottle	Riverland	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000534600150	276000534600150	Showlight	674660	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663359027	276000663359027	Showline	636762	2009	Shoreham	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000350104842	276000350104842	Showman	831842	2005	Shottle	Manat	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000350597956	276000350597956	Showman	259005	2006	Shottle	Lancelot	H1N	H2N	H3N	H4N	H5P	CDN	Greifenb	
01	HOLITAM019991072230	380019991072230	Showman	811482	2012	Shamrock	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM000662704230	276000662704230	Showmaster	674304	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000349952681	276000349952681	Showtime	258582	2005	Shottle	Lee	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000535562895	276000535562895	Showtime	795230	2008	Shottle	Sinatra	H1N	H2N	H3N	H4N	H5P	CDN	Greifenb	
01	HOLNLDM000428046275	528000428046275	Showtime	804016	2005	Shottle	Brett	H1N	H2N	H3N	H4N	H5P	CDN	RA	
02	HOLUSAM000061306084	840000061306084	Showtime R	297785	2004	Jordan-Red	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000813434737	276000813434737	Shox	764020	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000580392716	276000580392716	Shulan	674222	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLNLDM000443147276	528000443147276	Shurehand	674010	2005	Shottle	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580289436	276000580289436	Shutterfly	673798	2005	Shottle	Champion	H1N	H2N	H3N	H4N	H5P	CDN	RUW	
01	HOLDEUM001403046068	276001403046068	Shy	831999	2006	Shottle	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349103100	276000349103100	Siam	144405	2004	Spy	Lukas	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000721259587	528000721259587	Siawonga	334861	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002236462582	250002236462582	Sicher	822480	2011	Super	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDC	RA	CD Gentest
01	HOLDEUM000661472327	276000661472327	Sico	631924	2000	Sierra	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000895514846	528000895514846	Sidan	832863	2013	Supersire	Time	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000890466698	528000890466698	Sidar	811462	2012	Sudan	Goli	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000887066810	528000887066810	Sidon	811555	2015	Supershot	Snowman	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000435773342	528000435773342	Sieben	144465	2006	Shottle	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001002435392	276001002435392	Siebrand	133322	1992	Southwind	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLSWEM000253943485	75200253943485	Siebrand	832493	2009	Socrates	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015202917	276001015202917	Siegfried	840032	1991	Southwind	Abel II	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000345448916	276000345448916	Siel	326843	2000	Sierra	Mattie G	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000942330337	528000942330337	Sievert	151533	2012	Sudan	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000359917828	276000359917828	Sigma	823214	2017	Superhero	Lobach	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000342542534	528000342542534	Signal RF	633187	2003	Sinatra	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000355007648	276000355007648	Signum	149989	2011	Shout	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000248189	208003372302321	Sigurd	831575	2004	Sinatra	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579174071	276000579174071	Sikkim	670263	2001	Sierra	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348404838	276000348404838	Silanus	464692	2004	Sinatra	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000539046100	276000539046100	Silence	682282	2016	Silver	Magenta	H1F	H2N	H3C	H4F	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000122298100	276000122298100	Silky	587511	2016	Sveen P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000352184450	276000352184450	Sillens	331602	2008	Stylist	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000951116437	276000951116437	Silman	796800	2016	Silver	Man-O-Man	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000539948280	276000539948280	Silva	797100	2017	Sixpack	Blossom	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000344559943	276000344559943	Silvan	254742	1999	Starleader	Very	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351912406	276000351912406	Silvaner	148086	2008	Sidney	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM017990345719	380017990345719	Silvano	804029	2005	Shottle	Finley	H1N	H2N	H3N	H4N	H5P	CDN	RA	

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DEU KB Bullen
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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351238914	276000351238914	Silvanus	470357	2007	Shottle	Morty	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLIRLM191181760548	372191181760548	Silver	802652	2003	Sinatra	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000349315704	276000349315704	Silver-Red	257383	2003	September	Mario-Red	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000358925137	276000358925137	Silvershot	833190	2016	Silver	Shotglass	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000357780149	276000357780149	Silverstar	833128	2015	Silver	Supersire	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000348082480	276000348082480	Silvester	840694	2003	Sinatra	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000770322228	276000770322228	Silvestre	571910	2015	Silver	Fanatic	H1F	H2N	H3F	H4F	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000358950548	276000358950548	Silvian	833164	2016	Silver	Meridian	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDNKM00000258133	208005125805049	Silvio	823172	2015	Silver	Maximum	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLNLDLM000425558359	528000425558359	Silvio	329965	2006	Shottle	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017991551740	380017991551740	Silvretta	619133	2015	Silver	Gerard	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLBELM000416759593	056000416759593	Simak	821343	2002	Steven	Corky	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352176699	276000352176699	Simao	568529	2008	Stylist	Spy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000538399796	276000538399796	Simba	682280	2015	Silver	Boss	H1F	H2N	H3F	H4F	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000349042862	276000349042862	Simer	763237	2004	Sinatra	Dreamer	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000663375004	276000663375004	Simion	811273	2008	Stol Joc	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350945224	276000350945224	Simkin	259279	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538910850	276000538910850	Simon	499049	2015	Supershot	Headliner	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM001500741581	276001500741581	Simon	821478	2003	Stormatic	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDNKM000000255120	208004141202177	Simonsen	619044	2011	Sterngold	Boliver	H1N	H2N	H3N	H4P	H5N	CDN	Qnetics	
01	HOLITAM028990352947	380028990352947	Simox	154238	2015	Supershot	LetitSnow	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD Gentest
01	HOLNLDLM000367576798	528000367576798	Simplex	671971	2003	Sinatra	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000355698493	276000355698493	Simply	334346	2012	Shamrock	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000011087874	124000011087874	Simpson	506865	2011	Jordan	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLUSAM000132724182	840000132724182	Simpson	505342	2002	Moe	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349495485	276000349495485	Simson	329126	2004	Saphir	Luna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347722088	276000347722088	Sinai	840698	2003	Sinatra	James	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000100341724	124000100341724	Sinalco	670838	2002	Silky	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000247428	208003372302201	Sinalco	840674	2003	Sinatra	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDLM000361808640	528000361808640	Sinald	633504	2003	Sinatra	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000812638265	276000812638265	Sinar	763220	2003	Sinatra	Jarny jabo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001502411204	276001502411204	Sinaro	820479	1997	Starleader	Blackstar	H1N	H2P	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000358633596	276000358633596	Sinatra	499059	2015	Supershot	Boss	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	CD Gentest
01	HOLNLDLM000370846983	528000370846983	Sincky	762881	2003	Sinatra	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000538108949	276000538108949	Sinclair	804345	2013	Shaw	Beacon	H1N	H2N	H3N	H4N	H5P	CDN	RA	CD Gentest
01	HOLDEUM000579967565	276000579967565	Sinclair	257220	2003	Sinatra	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000247483	208002371401467	Sinclair	831444	2003	Sinatra	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359216217	276000359216217	Sinclair P	572938	2016	Sveen P	Balisto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLNLDLM000363176789	528000363176789	Sindbad	143333	2003	Sinatra	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDNKM000000258247	208004165406843	Singer	823170	2015	Supershot	Maximum	H1F	H2N	H3F	H4F	H5N	CDN	RA	CD Gentest
01	HOLDEUM000580135595	276000580135595	Sinjall	673340	2005	Laudan	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812693527	276000812693527	Sinjo	763093	2003	Sinatra	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346301545	276000346301545	Sinsum	327410	2002	Starleader	Rusto ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578875085	276000578875085	Sintra	915325	2000	Sigmar	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348082475	276000348082475	Sinus	633709	2003	Sinatra	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000358660547	276000358660547	Sinus	264290	2015	Silver	Bedford	H1F	H2N	H3F	H4F	H5N	CDN	OHG	CD Gentest
01	HOLDEUM000666268032	276000666268032	Sinus	804335	2013	Snowmaster	Freddie	H1N	H2N	H3N	H4N	H5P	CDN	RA	CD Gentest
01	HOLDEUM001015194625	276001015194625	Sioux	250190	1991	Southwind	Astrojet	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLLUXM000699212414	442000699212414	Sippel	823070	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000538108926	276000538108926	Sir Henry	478341	2013	Shaw	Beacon	H1N	H2N	H3N	H4N	H5P	CDN	MAR	CD Gentest

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01	HOLDEUM000360215716	276000360215716	Sir James	833271	2017	Superhero	Yoder	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000667098843	276000667098843	Sir John	924752	2017	Styx Red	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000345241660	276000345241660	Sire	821468	2003	Sinatra	James	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLLUXM000898751602	442000898751602	Sireno	568536	2008	Shaker	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLLUXM000399442870	442000399442870	Sirio	811563	2015	Silver	AltaOak	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000115097380	276000115097380	Sirius	567406	2005	September	Preval	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000357063759	276000357063759	Sirius	151568	2013	Shan	Robust	H1N	H2N	H3N	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000538900473	276000538900473	Sirius P	264363	2015	Silver	Earnhardt	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
02	HOLDEUM000666302889	276000666302889	Sirtaki	924719	2013	Survivor	Snowman	H1N	H2P	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001267420394	276001267420394	Sisko	811574	2016	Silver	NOG Ikaro	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000887332519	528000887332519	Sisto	832593	2011	Snowman	Million	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302276231	276001302276231	Sitto	566659	2004	Spy	Convincer	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000359766218	276000359766218	Sixdays	833287	2017	Sixpack	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000758238854	528000758238854	Sixtus P	619115	2014	Sargeant	Colt-P	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLGBRM000000650424	826582750400983	Sizzler	832554	2010	Sanchez	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000666422455	276000666422455	Skagen	619099	2013	Shotglass	Beacon	H1N	H2N	H3N	H4N	H5P	CDF	Qnetics	CD Gentest
01	HOLUSAM000002247868	840000002247868	Skagerak	504442	1994	Starbuck	Classic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302228166	276001302228166	Skala	802609	2003	Skychief	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000441309906	528000441309906	Skat	144466	2006	Shottle	Major	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDEUM001401422343	276001401422343	Skiff	831017	2000	Skywalker	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000103750838	124000103750838	Skipi	917078	2006	Ludox	Jordan-Red	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000104634194	124000104634194	Skipper	297972	2007	Elayo	September	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000342339799	276000342339799	Skipper	821106	1998	Storm	Raider	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000342386368	276000342386368	Skipper	810635	1998	Storm	Jolli	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000135339187	840000135339187	Skippy	505636	2004	Best	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM001021202570	276001021202570	Skokie ET	395380	1993	Stollberg	Hillstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349178812	276000349178812	Sky	142273	2003	Skychief	Storm	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000769757360	276000769757360	Sky P	477481	2012	Sudan	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000061898337	840000061898337	Skycrest	329757	2005	Mr.Sam	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000011696774	124000011696774	Skydome	507449	2013	Sympatico	Man-O-Man	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000349178814	276000349178814	Skyline	142270	2003	Skychief	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000662449025	276000662449025	Skyliner	634098	2004	Zenith	Skychief	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000920078314	528000920078314	Skyman RF	507563	2014	Aikman	Shamrock	H1N	H2N	H3N	H4N	H5N	CDP	Goepel	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000356607831	276000356607831	Skymaster	477855	2013	Snowmaster	Planet	H1N	H2N	H3P	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000661261664	276000661261664	Slalom	631788	1999	Starleader	Design	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000933138304	528000933138304	Slang	804295	2011	Snowman	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000770405754	276000770405754	Slatan	823188	2016	Shep	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000360157714	276000360157714	Slate RF	573004	2017	Salvatore	Penmanship	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000816033225	276000816033225	Slatesire	767799	2015	Slate	Supersire	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000533467428	276000533467428	Sleepy	669907	2000	Slogan	Design	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000537921340	276000537921340	Slim P	917527	2013	Snow RF	Laron P	H1P	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001501706373	276001501706373	Slimani	823102	2013	Supersire	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLAUTM000798807328	040000798807328	Sm Ares Re		2014	Adonis-Red	Carmano	H1N	H2P	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM000359544515	276000359544515	Smart	499102	2017	Superhero	Kingpin	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000666700288	276000666700288	Smart PP	619129	2015	Style P	Earnhardt	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000355447000	276000355447000	Smartex	476023	2011	Snowman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000121365558	276000121365558	Smartis	571870	2013	Smurf	AltaRoss	H1N	H2N	H3P	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000341252380	276000341252380	Smetana	810599	1997	Sunshine	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000887747782	528000887747782	Smile P RF	680988	2013	Snowrush	Magna P RF	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLUSAM000061133839	84000061133839	Smithson	297777	2003	Jordan-Red	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLGBRM00000655801	826727942700100	Smokin Joe	832590	2011	Observer	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000101294968	124000101294968	Smooth	916759	2003	Paradox	Cliffhanger	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000357795181	276000357795181	Smudo	833064	2014	Smurf	Monreal	H1F	H2N	H3C	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM00000254794	208003372305290	Snack	619038	2011	Snowman	Mac	H1N	H2N	H3P	H4N	H5N	CDN	Qnetics	
02	HOLDEUM000120938390	276000120938390	Snake Red	823079	2013	Snow RF	Destry	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM001305239371	276001305239371	Snapshot	823184	2016	Silver	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000537556691	276000537556691	Sneaker	680102	2012	Snowman	Super	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000530514961	276000530514961	Sneeker	148571	2009	Shottle	O-Man	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLDEUM001403046070	276001403046070	Snigger	831998	2006	Shottle	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000549061065	528000549061065	Snip	151508	2011	Snowman	Shottle	H1N	H2N	H3P	H4N	H5P	CDN	VOST	
01	HOLNLDM000429019083	528000429019083	Snooker	634791	2005	Shottle	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000666134563	276000666134563	Snoopy	823045	2012	Sudan	Damion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000813837202	276000813837202	Snoopy	470862	2008	Shottle	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000769578081	276000769578081	Snooze P	679317	2011	Snowman	Lawn Boy	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000769757340	276000769757340	Snop	766538	2012	Snowman	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000353664374	276000353664374	Snorre	473825	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357530531	276000357530531	Snorre	276000357530531	2014	Style P	Ladd P	H1N	H2N	H3N	H4N	H5N	CDN	ZAR Wien	
01	HOLDEUM001404038110	276001404038110	Snorri	832548	2010	Snowman	Eleve	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLNLDM000843246834	528000843246834	SnovisRDCP	832856	2013	Snowmaster	Lawn Boy	H1N	H2N	H3P	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000946114100	276000946114100	Snow	795700	2011	Snowman	Oliver 2	H1P	H2N	H3P	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLNLDM000543470830	528000543470830	Snow Peak	678524	2011	Snowman	Win 395	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000546483691	528000546483691	Snow RF	832568	2011	Snowman	Spencer 2	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000355651101	276000355651101	Snowbell	832613	2012	Snowman	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769582276	276000769582276	Snowboard	678902	2011	Snowman	Gibor	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000354084859	276000354084859	Snowboy	474895	2011	Snowman	Champion	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLBELM000928079801	056000928079801	Snowbreeze	679108	2011	Snowman	Mac	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000815431484	276000815431484	Snowburn	997181	2013	Snow RF	Mr.Burns	H1N	H2P	H3P	H4N	H5N	CDC	RBW	CD Gentest
01	HOLDEUM000536486727	276000536486727	Snowcat	678522	2011	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
02	HOLDEUM000355932859	276000355932859	Snowden	927440	2013	Snow RF	Destry	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000537802544	276000537802544	Snowden	680631	2013	Snowflake	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000355478465	276000355478465	Snowdrop	832614	2012	Snowman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000769675515	276000769675515	Snowfall	678906	2011	Snowman	Gibor	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000666431971	276000666431971	Snowfan P	619089	2013	Snow RF	Mitey P	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000757938674	528000757938674	Snowfield	679312	2011	Snowman	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000536762679	276000536762679	Snowflake	678530	2011	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000355203369	276000355203369	Snowfox	619061	2012	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001404050629	276001404050629	Snowfun	832602	2011	Snowman	Bolton	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLBELM000710732554	056000710732554	Snowgold	823044	2012	Snowman	Goldwin	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
01	HOLDNKM00000254807	208003372305316	Snowline	679009	2011	Snowman	Shottle	H1N	H2N	H3P	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000349707044	276000349707044	Snowman	328978	2004	Spy	Formation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000388965513	528000388965513	Snowman	634400	2005	O-Man	Marshall	H1N	H2N	H3P	H4N	H5N	CDN	Goepel	
01	HOLDEUM000354412245	276000354412245	Snowmaster	475003	2011	Snowman	Shottle	H1N	H2N	H3P	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDEUM000815190681	276000815190681	Snowplan	766700	2012	Snowman	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLNLDM000708679957	528000708679957	Snowplan	570412	2011	Snowman	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000351149935	276000351149935	Snowstar	330636	2006	Shottle	Aeroline	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLUSAM000129151382	840000129151382	Snowstorm	297584	2000	Rubens RF	Lindy	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM00000254792	208004758104626	Snowtruck	570407	2011	Snowman	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000570910945	528000570910945	Snowway	475774	2011	Snowman	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000693852669	528000693852669	Snowy	149994	2011	Snowman	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001404751812	276001404751812	Snyder	823139	2014	Snowrush	Shamrock	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579858365	276000579858365	Sobek	811135	2006	Shottle	Lheros	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352197137	276000352197137	Sobino	811306	2009	Sidney	Outside	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000767081560	528000767081560	Socari	832847	2013	Snowmaster	Domain	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000666818182	276000666818182	Soccer	619149	2016	Supershot	Shotglass	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000435166225	528000435166225	Soccer	822438	2010	Destry	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000930073189	528000930073189	Soccer	151566	2013	Suran	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM005358071340	250005358071340	Socero	822149	2005	Shottle	Jesther	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM000813160809	276000813160809	Socko	763700	2005	Mr.Sam	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLFRAM002538586590	250002538586590	Socoman	840987	2009	Socrates	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000356355922	276000356355922	Sodan Red	479002	2013	Snow RF	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000114113986	276000114113986	Sodorn	565905	2003	Stormatic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLDNKM000000252734	208003125603497	Soenke	636295	2009	Stol Joc	Lambada	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDNKM000000252893	208003372304158	Sohnemann	472535	2009	Socrates	Laudan	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000531685477	528000531685477	Soho	637275	2010	Sanchez	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000734147062	528000734147062	Soho	148541	2009	Socrates	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000112302065	276000112302065	Sojanka	595085	1999	Savoy Red	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000355443635	276000355443635	Soko Red	478109	2013	Snow RF	Gerard	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001011159293	276001011159293	Sokrates	323211	1992	Southwind	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001015208111	276001015208111	Sokrates	250355	1991	Southwind	Vahl	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000348404837	276000348404837	Solado	464691	2004	Sinatra	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356171563	276000356171563	Solano	570445	2013	Snow RF	Kramer	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM000351002731	276000351002731	Solario	469449	2007	Shottle	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404626176	276001404626176	Solaris RF	832843	2013	Snow RF	Gerard	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000117193726	276000117193726	Solason	599467	2010	Sahara	Achtung	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402762148	276001402762148	Soldo	831833	2005	Sosa 2	Fecamp	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000525392112	528000525392112	Soldo	148545	2009	Socrates	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000351902149	276000351902149	Soleo	331395	2008	Stylist	Blacktone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357545485	276000357545485	Solero	154227	2015	Silver	Suran	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000664066810	276000664066810	Solero	619021	2011	Socrates	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001402463786	276001402463786	Solero	831720	2004	Sosa 2	Outside	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402618410	276001402618410	Solid	831677	2005	Sosa 2	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM003556861991	250003556861991	Solidor	802548	2001	Marshal ET	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000102708991	276000102708991	Solist	800316	1995	Slocum	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000576852597	528000576852597	Solitaire P	917617	2018	Salvatore	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000770599024	276000770599024	Solito Red	833299	2017	Salvatore	Atwork	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001402451933	276001402451933	Solon	831710	2004	Sosa 2	Paton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001504179103	276001504179103	Soltan	823213	2017	Sixpack	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLNLDM000418360925	528000418360925	Soltan	831753	2004	Sosa 2	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355338536	276000355338536	Soltao	475883	2011	Sterngold	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
02	HOLDEUM000770666616	276000770666616	Solution	917613	2017	Salvatore	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000713313666	528000713313666	Solution P	832637	2012	Snowman	Ideal	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM002019900752	276002019900752	Soma	800090	1991	Southwind	Triple	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349337449	276000349337449	Somnix	328425	2003	Stormatic	T Klassy	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 88% Traegerwahrscheinlichkeit
01	HOLNLDM000521973115	528000521973115	Somorra	832348	2008	Socrates	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001271338000	276001271338000	Sonar	823110	2013	Shaw	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLITAM017990189788	380017990189788	Sonari	831762	2005	Sosa 2	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302056102	276001302056102	Song	821388	2003	Steven	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001303960696	276001303960696	Song	804302	2012	Showtime	Mr.Burns	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLDEUM000357545331	276000357545331	Sonic	833047	2014	Shotglass	Planet	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000355142312	276000355142312	Sonico	823007	2011	Sterngold	Stylist	H1N	H2N	H3N	H4P	H5N	CDF	RA	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000580021365	276000580021365	Sonito	810984	2003	Sinatra	James	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001303225656	276001303225656	Sony	804172	2008	Stylist	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000695678199	528000695678199	Sophus	472245	2008	Socrates	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349942155	276000349942155	Sorbe	145504	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356193779	276000356193779	Sordan	767049	2013	Snowboard	Jordan	H1N	H2N	H3N	H4N	H5N	CDF	RBW	CD Gentest
01	HOLDEUM001403928270	276001403928270	Sorel	832524	2010	Super	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349872026	276000349872026	Sorento	329955	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLIRLM191181790690	372191181790690	Sorin	804028	2005	Shottle	Morty	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM001404038157	276001404038157	Sorley	832550	2010	Snowman	Mr.Sam	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001021098679	276001021098679	Sorno	394782	1992	Stardom	Sexation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000814483223	276000814483223	Sorry	765874	2010	Socrates	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001404626188	276001404626188	Sosmar P	832852	2013	Snow RF	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000519468748	528000519468748	Sotanic	471877	2008	Socrates	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001402947850	276001402947850	Sotho	831965	2006	Shottle	Glory Box	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000437533577	528000437533577	Sottrum	330161	2006	Shottle	Adam II	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLLUXM000199442868	442000199442868	Souki	833136	2015	Silver	AltaOak	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLUSAM000071856734	840000071856734	Soufly	507471	2013	Shotglass	Lewis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350030188	276000350030188	Sound	804023	2005	Shottle	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350597984	276000350597984	Souvenir	469453	2006	Shottle	Durham	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001402451948	276001402451948	Sozius	831729	2004	Sosa 2	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349644202	276000349644202	Spa	143375	2004	Spy	Rudolph	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000422654957	528000422654957	Space	811091	2005	Shottle	Marshal ET	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
02	HOLNLDM000696431175	528000696431175	Spain	917314	2009	Spencer 2	Canvas	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000490971350	528000490971350	Spalier	917268	2008	Spencer 2	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001303424713	276001303424713	Spanky	832284	2008	Stylist	Alves	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000883219744	528000883219744	Spark Red	833267	2017	Salvatore	Debutant	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000350131392	276000350131392	Sparky	468284	2006	Shottle	Steven	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLCANM000105309189	124000105309189	Sparrow	917252	2008	Mr.Burns	Stormatic	H1P	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000357391226	276000357391226	Sparta	151590	2014	Shotglass	Bookem	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000116534018	276000116534018	Spatox	599442	2008	Spencer 2	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000342325666	276000342325666	Spatz	457464	1998	Storm	Tober ET	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000578045093	276000578045093	Special	914411	1998	Spectrum	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578406330	276000578406330	Speed	914670	1999	Spectrum	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM006868276956	250006868276956	Speed	461400	2001	Aero Bond	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000101392372	124000101392372	Speedo	503800	2002	Lheros	Lee	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000209591075	528000209591075	Speedway	915024	1999	Spectrum	Belltom RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343802051	276000343802051	Speer	457075	1998	Storm	Vic Kai	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000753771253	528000753771253	Spell It	156589	2016	Big Spell	Prince	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLIRLM272004720946	372272004720946	Spencer ET	568593	2010	Man-O-Man	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	RSH	
01	HOLDEUM000359176130	276000359176130	Spencer P	499091	2016	Superstar	Mardi Gras	H1F	H2N	H3F	H4F	H5N	CDF	Goepel	CD Gentest
01	HOLDEUM000580014474	276000580014474	Spengler	328669	2003	Sinatra	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000663140138	276000663140138	Spenjer	996491	2008	Spencer 2	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000116240956	276000116240956	Spenty	599434	2008	Spencer 2	Avanti	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000112356686	276000112356686	Sperenzo	595092	1999	Sigmar	Helix	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768555488	276000768555488	Sperling	143387	2004	Spy	Aaron	H1P	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000768768428	276000768768428	Speyer	144496	2006	Shottle	Rubens RF	H1N	H2N	H3P	H4N	H5N	CDN	VOST	
01	HOLDEUM000348640469	276000348640469	Spezial	465761	2004	Spy	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348216530	276000348216530	Spiderman	672703	2004	Spy	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000115897409	276000115897409	Spieker	145587	2006	Shottle	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000356127029	276000356127029	Spieker	335354	2013	Suran	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	MAR	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000351567823	276000351567823	Spieler	469822	2007	Shottle	James	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000357621245	276000357621245	Spike PP	833097	2015	Style P	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000348082468	276000348082468	Spinelli	811004	2004	Sinatra	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000569274537	528000569274537	Spinola	811403	2010	Snowman	Mascol ET	H1N	H2N	H3P	H4P	H5N	CDN	RBB	
01	HOLBELM000212596516	056000212596516	Spirit	154231	2015	Silver	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDNKM000000257843	208003372306769	Spiro	811552	2015	Supershot	Bynke	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLNLDM000571956700	528000571956700	Spitfire	833277	2017	Salvatore	Montross	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000351777453	276000351777453	Spitzbube	471781	2008	Spalte	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
02	HOLDEUM000116534021	276000116534021	Split	917198	2008	Spencer 2	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662346015	276000662346015	Spock	840718	2004	Spy	Design	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000498949843	528000498949843	Spoleno	472875	2009	Spooky	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351058545	276000351058545	Spontan	470512	2007	Shottle	Laudan	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
02	HOLNLDM000726259791	528000726259791	Spontan	923245	2009	Spencer 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351318854	276000351318854	Sportler	470723	2007	Shottle	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000353156810	276000353156810	Spot	260799	2009	Spooky	Jardin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLNLDM000265714203	528000265714203	Spotlight	669622	2000	Sparta	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000102201504	124000102201504	Spoutnik	297773	2003	Majesty	Igniter	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401438138	276001401438138	Sprior	831078	2000	Springer	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000340201455	528000340201455	Spring	632910	2002	Steven	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401796761	276001401796761	Sprinkler	831214	2001	Springer	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000751487372	528000751487372	Sprint	682269	2015	AltaSpring	Lexor	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000345785666	276000345785666	Sprinter	460632	2001	Starleader	Sterlan ET	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114118268	276000114118268	Spurius	565926	2003	Stormatic	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001501186492	276001501186492	Sputnik	804264	2011	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000526535996	528000526535996	Sputnik	917263	2008	Spencer 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001500776654	276001500776654	Spyder	822008	2004	Spy	Demand	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000061976683	840000061976683	Spyderman	822033	2004	Spy	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114015078	276000114015078	Spyer	565947	2004	Spy	Tonic	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000114748919	276000114748919	Spyler	566617	2004	Spy	James	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346801020	276000346801020	Squire	811005	2004	Stormatic	Encore	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000357628541	276000357628541	St. Pauli	833050	2014	Sargeant	Bookem	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000661927244	276000661927244	Staber	840622	2002	Steven	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000116150986	276000116150986	Stabi	568546	2008	Stylist	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401455686	276001401455686	Stabil	831050	2000	Starbuck	Christoph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000052265876	840000052265876	Stability	671904	2003	Stormatic	Bubba	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLITAM097500007762	380097500007762	Stabilo	922092	2001	Stadel	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000259603	208005609302667	Stable RDC	684975	2017	Styx Red	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000389504898	528000389504898	Staby	916977	2004	Stadel	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114480253	276000114480253	Stachel	597142	2003	Stadel	Stoll	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000662223478	276000662223478	Stacy	633192	2003	Stormatic	Raider	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM001015240086	276001015240086	Stadel	297344	1994	Stollberg	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000369790523	528000369790523	Stadino	916956	2004	Stadel	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000352275572	276000352275572	Stadion	917182	2008	Stabilo	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000535581860	276000535581860	Stadox	917286	2008	Stabilo	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000352438014	276000352438014	Stadtstar	332370	2008	Stylist	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116667601	276000116667601	Staff	676818	2008	Stol Joc	Freelanze	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLNLDM000368449718	528000368449718	Stafford	916896	2003	Stadel	Ferdi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000358444348	276000358444348	Stage PP	264020	2015	Style P	Maurice	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000770227682	276000770227682	Stage PP	682091	2015	Style P	Earnhardt	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLNLDM000376935775	528000376935775	Stagon	916935	2004	Stadel	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000534881326	276000534881326	Stakkato	917135	2007	Stavros	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000348743030	276000348743030	Stalino	466094	2005	Stadel	Boliant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001270523676	276001270523676	Stalone	804210	2009	Stylist	Toystory	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000535640269	276000535640269	Stamber	996944	2008	Stabilo	September	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346708692	276000346708692	Stamino	463033	2003	Stormatic	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLBELM000824290091	056000824290091	Stamp	830777	1999	Starbuck	Chief Mark	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000526456945	528000526456945	Stampede	676826	2008	Stol Joc	Duplex	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
02	HOLDEUM000352275564	276000352275564	Standard	470863	2008	Stabilo	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000579978045	276000579978045	Standby	917060	2005	Stadel	Good Luck	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000667171002	276000667171002	Stanford P	997500	2017	Salvatore	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000345300190	276000345300190	Stani	831076	2001	Starleader	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000103074049	124000103074049	Stanislav	917051	2005	Talent2	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579782170	276000579782170	Stanley	256838	2003	Stormatic	Hondo Aero	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001402375813	276001402375813	Stanley	831542	2003	Stormatic	Arpagone	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
02	HOLDEUM001405153971	276001405153971	Star Red P	833210	2016	Step Red	Aikman	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000354204892	276000354204892	Starbase	474985	2011	Snowman	Airraid	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
02	HOLDNKM00000299835	208002902601931	Starbick	923260	2009	Stabilo	Lichtblick	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000351783369	276000351783369	Starbob	472037	2008	Stabilo	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352642455	276000352642455	Starchip	472195	2009	Stol Joc	Modest	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000664082452	276000664082452	Starcraft	637090	2010	Sanchez	Oliver 2	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLUSAM000061522761	840000061522761	Starcross	672202	2004	Stormy	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000122629464	276000122629464	Starello	811603	2017	Styx Red	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLCANM000007221650	124000007221650	Starfire	503740	2000	Rubens RF	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533052536	276000533052536	Starfire	810758	1999	Starleader	Jolt	H1N	H2P	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000290158380	528000290158380	Starfire	922046	2001	Stadel	Andries	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000580365662	276000580365662	Starflyer	917008	2004	Stadel	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000102641211	124000102641211	Starfox	917038	2005	Starfire	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000361645085	528000361645085	Stargast	831479	2003	Stormatic	Fatal	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000344755629	276000344755629	Stargate	140008	1999	Starleader	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000344369721	276000344369721	Stargold	459678	2000	Starleader	Raider	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003011584418	840003011584418	Starhawk	507255	2013	Supersire	Observer	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000767986281	276000767986281	Starhill	671547	2003	Stormatic	Novalis	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
02	HOLNLDM000384335604	528000384335604	Starjoke	916944	2004	Stadel	Heihoeve76	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000356052594	276000356052594	Starjuwel	570430	2012	Sudan	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
02	HOLDEUM000533447267	276000533447267	Starking	915578	2001	Stoll	Reyno	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000579271231	276000579271231	Starkiss	915761	2001	Stadel	Bingle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346732825	276000346732825	Starkus	463141	2003	Stormatic	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580021567	276000580021567	Starland	672400	2004	September	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356275987	276000356275987	Starlife	478106	2013	Starbase	Plan Z	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000540109235	276000540109235	Starlight	917614	2017	Styx Red	Altahotrod	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001401957485	276001401957485	Starlight	831349	2002	Starleader	Broker	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357530549	276000357530549	Starline P	833067	2014	Style P	Daddy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOL840M003141657569	840003141657569	Starman P	508633	2017	Superhero	Silver	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000353170654	276000353170654	Staros	260655	2009	Stol Joc	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLFRAM002933591743	250002933591743	Staros	831614	2004	Stormatic	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000810715564	276000810715564	Starost	760887	1997	Storm	Nick	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001300945457	276001300945457	Starpoli	802216	2000	Stardom	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000539341914	276000539341914	StarpollPP	917564	2016	Sveen P	Kanu P	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001601660315	276001601660315	Stash	840668	2003	Stormatic	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402375807	276001402375807	Stasko	831536	2003	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM009010840072	000009010840072	Stassow	840072	1992	Stardom	Marvel ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001602393337	276001602393337	Statch	840938	2008	Stylist	Match	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000112452550	276000112452550	State	595087	1999	Savoy Red	Stollberg	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000544829831	528000544829831	State	679302	2012	Stan	Gibor	H1N	H2N	H3N	H4N	H5N	CD	RUW	CD Gentest
02	HOLDEUM000535792381	276000535792381	Statement	917300	2008	Stabilo	September	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000810854612	276000810854612	Stator	760996	1998	Storm	Luke	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000113658800	276000113658800	Stauch	596251	2001	Stadel	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000537358592	276000537358592	Stavros	811496	2013	Supersire	Fibrax	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLITAM004902063468	380004902063468	Stavros	915966	2001	Stadel	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000346588601	276000346588601	Stebo	463027	2003	Steven	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538849257	276000538849257	Steel PP	682092	2015	Style P	Ladd P	H1N	H2N	H3N	H4N	H5N	CD	RUW	CD Gentest
01	HOLDEUM001601696462	276001601696462	Steelman	671866	2003	Stormatic	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351769125	276000351769125	Stefano	811238	2008	Stylist	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000660555970	276000660555970	Steiger	630816	1997	Storm	Raider	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000346954657	276000346954657	Steinzeit	463552	2003	Stormatic	Bonatus	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD Gentest
01	HOLDEUM001500922344	276001500922344	Stellan	331391	2008	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001601811080	276001601811080	Stellaro	633778	2004	Stormatic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000370975016	528000370975016	Stelpro	633342	2003	Stormatic	Gelpro	H1P	H2N	H3N	H4N	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000351827538	276000351827538	Steltz	148088	2008	Stylist	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346618246	276000346618246	Stempler	463037	2003	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDNKM000000245852	208005243502083	Sten	831359	2002	Steven	V Brando	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349339560	276000349339560	Stenum	328692	2003	Stormatic	Kol Nixon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000356650139	276000356650139	Step Red	833001	2013	Sympatico	Observer	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD Gentest
01	HOLUSAM000134304731	840000134304731	Stepper	671498	2003	Stormatic	Kilo	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM001601811078	276001601811078	Steppi	633776	2004	Stormatic	Match	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
02	HOLDEUM000540136108	276000540136108	Sterling	917612	2017	Styx Red	Snow RF	H1F	H2N	H3C	H4F	H5N	CD	RUW	CD Gentest
01	HOLDEUM001270523452	276001270523452	Sterling	804204	2008	Stylist	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000341937731	276000341937731	Stern	801035	1997	Storm	Sexation	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000814215875	276000814215875	Stern	148523	2009	Stol Joc	Riverland	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
02	HOLNLDM000668111302	528000668111302	Stern Red	833300	2017	Styx Red	Rubicon	H1F	H2N	H3F	H4F	H5N	CD	MAR	CD Gentest
01	HOLDEUM000348047621	276000348047621	Sternbild	463038	2003	Steven	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537131188	276000537131188	Sternbild	679003	2011	Sterngold	Ramos	H1N	H2N	H3N	H4N	H5N	CD	RUW	CD Gentest
02	HOLDEUM000352277853	276000352277853	Sternboy	471095	2008	Stabilo	Komtur	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535278625	276000535278625	Sterngold	676534	2008	Stol Joc	Shottle	H1N	H2N	H3N	H4P	H5P	CD	RUW	CD Gentest
01	HOLDNKM000000255326	208003233801349	Sternklar	679301	2012	Sterngold	Juwel	H1N	H2N	H3N	H4P	H5P	CD	RUW	CD Gentest
01	HOLNLDM000489660214	528000489660214	Serntaler	471872	2008	Stol Joc	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768555489	276000768555489	Sernum	566625	2004	Spy	Aaron	H1P	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000916406950	528000916406950	Seron	832385	2008	Stol Joc	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254088	208002371402085	Sterzing	841009	2009	Stol Joc	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000579328683	276000579328683	Stetson	915939	2001	Stadel	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000143189714	840000143189714	Stetson	823156	2014	Troy	Número Uno	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351630197	276000351630197	Stettin	148089	2008	Stylist	Zecher	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001601580792	276001601580792	Stevbot	840615	2002	Steven	Basar	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLCANM000009221672	124000009221672	Steven	297623	2000	Commotion	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000245859	208003372301932	Stevenson	840580	2002	Steven	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000246586	208005030600995	Stevie	840619	2002	Steven	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLGBRM000000652864	826940002924465	Stevie	475514	2011	Gerard	Mascol ET	H1N	H2N	H3N	H4N	H5N	CD	MAR	CD Gentest
01	HOLDEUM001601580874	276001601580874	Stevlord	840630	2002	Steven	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000246573	208003727902057	Steward	840603	2002	Steven	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001402232704	276001402232704	Stewart	831534	2003	Stormatic	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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typisierte Bullen



Haplotypen: (sort order by name)
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Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000630000399	528000630000399	Steyn	840978	2008	Stol Joc	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000114429583	276000114429583	Sticks	923706	2003	Steven	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLUSAM000136946937	840000136946937	Stiffler	926588	2005	September	Bacculum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000102238605	124000102238605	Stiking	916904	2003	Majesty	Inquirer	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000061362675	840000061362675	Stilet	671497	2003	Stormatic	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000352386946	276000352386946	Stiletto	148534	2009	Stylist	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401927284	276001401927284	Stilist	831382	2002	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000367894265	528000367894265	Stilke	840666	2003	Stormatic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 94% Traegerwahrscheinlichkeit
01	HOLITAM012990005412	380012990005412	Stilo	672739	2004	Step	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350597914	276000350597914	Sting	811116	2006	Shottle	Marshall	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOLDEUM001265338500	276001265338500	Sting	823128	2014	Shotglass	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDNKM000000259602	208002468004971	Sting Red	587551	2017	Styx Red	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLUSAM000132490649	840000132490649	Stinger	505280	2001	Bombay	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001305708003	276001305708003	Stingray	823215	2017	Superhero	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000343424101	276000343424101	Stint	325243	1998	Storm	Esquimau	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000569274513	528000569274513	Stinus	149964	2010	Snowman	Mascol ET	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM001601696464	276001601696464	Stiwa	840667	2003	Stormatic	Addison	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001501403988	276001501403988	Stocker	823103	2013	Shaw	Windbrook	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000536345995	276000536345995	Stockum	677772	2010	Stol Joc	Win 395	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM001402143263	276001402143263	Stocky	831488	2003	Stormatic	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000813384359	276000813384359	Stodan	765276	2008	Stol Joc	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000346800409	276000346800409	Stoiko	633251	2003	Stormatic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000535362575	276000535362575	Stojan	811281	2008	Stol Joc	Lucente	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLNLDM000875884510	528000875884510	Stoke P	619122	2014	Style P	Epic	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001402173988	276001402173988	Stokes	831505	2003	Stormatic	Manat	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 90% Traegerwahrscheinlichkeit
02	HOLITAM004902063206	380004902063206	Stoledo	995926	2001	Stoll	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLUSAM000061720295	840000061720295	Stoli Red	297922	2006	Bravisi	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402951098	276001402951098	Stolino	831919	2006	Shottle	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000476111932	528000476111932	Stolito	471887	2008	Stol Joc	Goldwin	H1N	H2N	H3N	H4P	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000116560815	276000116560815	Stolju	822350	2008	Stol Joc	Juote	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000529028778	528000529028778	Stollmas	636447	2008	Stol Joc	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000475222853	528000475222853	Stolly	636274	2008	Stol Joc	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	ZBH	
01	HOLNLDM000524669200	528000524669200	Stolman	676600	2008	Stol Joc	O-Man	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLDEUM000535566822	276000535566822	Stolnic	822397	2009	Stol Joc	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000351109881	528000351109881	Stolord	762865	2003	Stormatic	Lord Lily	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000523360775	528000523360775	Stolp	148517	2008	Stol Joc	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM019990042299	380019990042299	Stolpe	821485	2003	Step	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352800329	276000352800329	Stolte	148509	2008	Stol Joc	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000346608474	276000346608474	Stolto	463112	2003	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113878481	276000113878481	Stolz	142286	2003	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349086409	276000349086409	Stolz	256999	2003	Stormatic	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000349908689	276000349908689	Stolz	330022	2006	September	Outside	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
01	HOLDNKM000000252834	208003372304034	Stolzer	472311	2008	Stol Joc	Titanic	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000816903313	276000816903313	Stone	997480	2017	Styx Red	Fagano	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLUSAM000131278839	840000131278839	Stone	505070	2000	Storm	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM004934530607	250004934530607	Stonehenge	473561	2009	Stol Joc	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000256120244	528000256120244	Stonehill	840450	1999	Tulip	Clor	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000366157592	528000366157592	Stony	143309	2003	Stormatic	Lava	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 94% Traegerwahrscheinlichkeit
02	HOLCANM000010568893	276000112322122	Stop	594362	1998	Power	Leadership	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001302036616	276001302036616	Stoppel	802603	2003	Stormatic	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000660555969	276000660555969	Stopper	821041	1997	Storm	Raider	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000368226065	528000368226065	Stoptime	671666	2003	Stormatic	Basar	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
01	HOLNLDM000370975249	528000370975249	Stor	831538	2003	Stormatic	Gelpro	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000349086392	276000349086392	Storal	633191	2003	Stormatic	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348692971	276000348692971	Storan	465101	2004	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000661995251	276000661995251	Storax	840651	2003	Stormatic	Design	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000810851180	276000810851180	Storber	761044	1998	Storm	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000347780234	276000347780234	Storcash	840655	2003	Stormatic	Cash	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000247482	208002371401466	Stordal	831494	2003	Stormatic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247429	208003001001436	Store	671847	2003	Stormatic	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000538238030	276000538238030	Store P	681958	2014	Style P	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001402232709	276001402232709	Storegard	831590	2003	Stormatic	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662158576	276000662158576	Storillo	840677	2003	Stormatic	Design	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 94% Traegerwahrscheinlichkeit
01	HOLNLDM000368103775	528000368103775	Storki	831485	2003	Stormatic	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000810842677	276000810842677	Storman	761051	1998	Storm	Leadman	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM019500230527	380019500230527	Storman	831258	2001	Storm	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346945530	276000346945530	Stormatus	463329	2003	Stormatic	Lee	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 91% Traegerwahrscheinlichkeit
01	HOLNLDM000369829269	528000369829269	Stormboy	831586	2003	Stormatic	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500165456	276001500165456	Stormic	810991	2003	Stormatic	Maloy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000114118267	276000114118267	Stormingo	565925	2003	Stormatic	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000346800458	276000346800458	Stormock	633329	2003	Stormatic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000811634903	276000811634903	Stormy	761740	2000	Storm	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000110621386	124000110621386	Stormy Red	917604	2017	Styx Red	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLUSAM000134428297	840000134428297	Stormz	505503	2003	Stormatic	Zack	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 94% Traegerwahrscheinlichkeit
01	HOLBELM005724259763	056005724259763	Storno	830660	1997	Storm	Raider	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000349094012	276000349094012	Storno	328274	2003	Stormatic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000108653713	276000108653713	Story	591577	1994	Stollberg	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343029352	276000343029352	Story	801096	1998	Storm	Dominator	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579988702	276000579988702	Story	257215	2003	Stormatic	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000661995250	276000661995250	Story	633183	2003	Stormatic	Design	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000754619257	528000754619257	Story	680226	2012	Stellando	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001601522251	276001601522251	Story 2	840652	2003	Stormatic	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000352642479	276000352642479	Stowasser	332063	2009	Stol Joc	Shottle	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLDEUM000535107570	276000535107570	Stoxx	840945	2008	Stylist	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000811079080	276000811079080	Stoy RF	760917	1998	Storm	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000368103720	528000368103720	Strack	831481	2003	Stormatic	Brett	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000247574	208003578801546	Stramin	671876	2003	Stormatic	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000362231203	528000362231203	Strand	328213	2003	Sinatra	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000108144679	276000108144679	Strategie	591394	1993	Stollberg	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000342920999	276000342920999	Stratos	801066	1997	Storm	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000104763138	124000104763138	Streamboy	506065	2007	Jet Stream	Aerowood	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLITAM017990017460	380017990017460	Streamer	633710	2003	Step	Skywalker	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000249899	208003372302870	Striedor	329961	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM0000878891481	528000878891481	Strike PP	823148	2014	Style P	Ladd P	H1F	H2N	H3F	H4F	H5N	CDC	RA	CD Gentest
01	HOLUSAM000065962270	840000065962270	Striker	676266	2008	Stylist	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM000000246584	208005609301491	Strobel	802586	2003	Stormatic	T Funkis	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
02	HOLDEUM000579271219	276000579271219	Stroma	915622	2001	Stoll	Bingle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000115897408	276000115897408	Stromberg	597769	2006	September	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000247421	208002371401457	Stromboli	671495	2003	Stormatic	TVM Hesne	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000811952787	276000811952787	Stromer	831282	2001	Storm	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000346800420	276000346800420	Stromo	463041	2003	Stormatic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 94% Traegerwahrscheinlichkeit
02	HOLNLDM000738606163	528000738606163	Stronger P	917352	2010	Fidelity	Lawd Boy	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000258005	208003372306784	Stronghold	619128	2015	Supershot	Bynke	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000343337384	276000343337384	Stronzo	139800	1998	Storm	Matlance	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000342541569	276000342541569	Strunz	325513	1997	Storm	Ambition	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347903599	276000347903599	Stuart	831492	2003	Stormatic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346760669	276000346760669	Stubo	463143	2003	Stormatic	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001301810079	276001301810079	Student	802571	2002	Steven	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114113985	276000114113985	Stuntman	831510	2003	Stormatic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000770417177	276000770417177	Stuntman	917624	2017	Styx Red	Nugget RDC	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLFRAM002941264760	250002941264760	Stuntman	671600	2003	Stormatic	Demand	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351150020	276000351150020	Styl	840902	2007	Stylist	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM000663196042	276000663196042	Style	917242	2007	Stabilo	Origin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351921843	276000351921843	Styling	471092	2008	Stylist	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000295614731	528000295614731	Stylist	632644	2002	Steven	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000123083522	276000123083522	Stylon RDC	833307	2017	Styx Red	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000663324197	276000663324197	Styly	765009	2008	Stylist	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000537361262	276000537361262	Stürmer	151521	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000952479468	276000952479468	Suarez	797020	2017	Superhero	Tribune	H1F	H2N	H3F	H4F	H5N	CDF	Greifenb	CD Gentest
01	HOLNLDM000442119399	528000442119399	Suarez	811100	2005	Shottle	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000113829327	276000113829327	Subari	565913	2003	Stormatic	Bonatus	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000664208810	276000664208810	Subito	619010	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000116593088	276000116593088	Subotic	568550	2008	Sidney	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000769578022	276000769578022	Subura	568583	2010	Super	Pronto	H1N	H2N	H3N	H4N	H5N	CDP	RSH/RA	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000355600289	276000355600289	Subway	262770	2012	Sunday	Wizzard	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000537638043	276000537638043	Succes	262777	2012	Sunday	Xacobeo	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000343015244	276000343015244	Sudan	810678	1998	Storm	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000354027179	276000354027179	Sudoku	822449	2010	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000947320692	276000947320692	Sudoku	796150	2013	Suran	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Greifenb	CD Gentest
01	HOLDEUM001012102292	276001012102292	Suedwind	132239	1991	Southwind	Wagner	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000353664375	276000353664375	Sueno	832529	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000355543068	276000355543068	Suez	334622	2012	Sudan	Jeeves	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000537583361	276000537583361	Sugar	262717	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000344202300	276000344202300	Sugarboy	459605	1999	Starleader	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534551267	276000534551267	Sugarboy	634850	2006	Shottle	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLCANM000011471410	124000011471410	Sugarman	679378	2012	Sudan	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLCANM000101949381	124000101949381	Sugary-Red	916903	2004	Tribute	Commotion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000814639705	276000814639705	Sugo	765835	2010	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001404626165	276001404626165	Sukari	804334	2013	Supersire	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000814215834	276000814215834	Suland	765080	2008	Support	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000533826603	276000533826603	Sulawesi	597185	2004	September	Stadel	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000121014042	276000121014042	Suledo	477702	2013	Suran	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001504401599	276001504401599	Suleus	823211	2017	Sixpack	Lesson	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000360408598	276000360408598	Sullivan	833268	2017	Superhero	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001501626420	276001501626420	Sullivan	823053	2012	Sudan	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLDEUM000360023978	276000360023978	Sultan	265110	2017	Superhero	Silver	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001501973329	276001501973329	Sultan	823046	2012	Sudan	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM000060528724	84000060528724	Sultan Red	297676	2001	Cadon	Lindy	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355832934	276000355832934	Sultano	477777	2013	Supersire	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000737688641	528000737688641	Suma	151512	2012	Sudan	Roumare	H1N	H2N	H3P	H4P	H5N	CDN	VOST	

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLLUXM000998347495	442000998347495	Sumali	565794	2003	Steven	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000580567620	276000580567620	Sumal	674022	2005	O-Man	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000947320691	276000947320691	Suman	796120	2013	Suran	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000537814933	276000537814933	Sumann	823076	2012	Summer	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000537093147	276000537093147	Sumay	679572	2012	Sudan	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RUW	CD Gentest
01	HOLNLDM000583453819	528000583453819	Sumerian	804327	2012	Sudan	Captain	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLNLDM000889819432	528000889819432	Sumero	811386	2010	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000352303357	276000352303357	Summer	261535	2010	Super	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000352371290	276000352371290	Summerboy	677910	2010	Super	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000872871665	528000872871665	Summerlake	833238	2016	DG Charley	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000540109244	276000540109244	Summertime	917610	2017	Styx Red	Altahotrod	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000355980974	276000355980974	Summit	262720	2012	Sudan	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000537480641	276000537480641	Sumo	679574	2012	Supersonic	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000951596690	276000951596690	Sumo	797060	2017	Superhero	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000360400406	276000360400406	Sun PP RDC	833285	2017	Shot P RDC	PowerballP	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLIRLM272004730971	372272004730971	Suncrest	804269	2011	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000121014038	276000121014038	Sund	823069	2013	Suran	Gerard	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000580135599	276000580135599	Sundall	673337	2005	Laudan	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000882811556	528000882811556	Sundance	679590	2012	Sudan	Planet	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000354049629	276000354049629	Sunday	261530	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLNLDM000763115098	528000763115098	Sunday P	811522	2014	Boss	Dertour	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000664167029	276000664167029	Sunderland	619028	2011	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLUSAM000061077066	84000061077066	Sundowner	328533	2003	Stormatic	Derry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000259117	208003372307498	Sundream	619163	2016	Vh Stu	Rocky	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001266726138	276001266726138	Sunfire	811499	2013	Shaw	Niagra	H1N	H2N	H3N	H4N	H5P	CDN	RBB	
01	HOL840M003012643773	840003012643773	Sunfish RF	507475	2013	Cashcoin	Snowman	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM000538246079	276000538246079	Sunglass	680956	2013	Shotglass	Freddie	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000769844762	276000769844762	Sunkiss	679580	2012	Sudan	Otto	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000388965791	528000388965791	Sunlight	469823	2006	Shottle	O-Man	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLCANM000101956577	124000101956577	Sunny 2	503820	2003	Champion	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLDEUM001404760565	276001404760565	Sunny Red	833006	2013	Sympatico	Observer	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000948033007	276000948033007	Sunnyboy	796070	2013	Suran	Altalota	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLNLDM000661759220	528000661759220	Sunnyside	619184	2017	Simba	Battlecry	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000120554610	276000120554610	Sunrock	570435	2012	Shamrock	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000113308859	276000113308859	Sunset	565101	2001	Starleader	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351006619	276000351006619	Sunset	259333	2007	Sharky	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000358241694	276000358241694	Sunset Red	833139	2015	Sunfish RF	Ladd P	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000796714688	528000796714688	Sunshine	132248	1991	Sunnyboy	Sir Valor	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000352177648	276000352177648	Suntke	331673	2008	Support	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000946222550	276000946222550	Super Bowl	795830	2012	Bowser	Ramos	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLGBRM000000653093	826181277403261	Super Mac	832559	2010	Super	Mac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000359736504	276000359736504	Super Uno	619175	2017	Superhero	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000355937024	276000355937024	Superb	262999	2013	Suran	AltaRoss	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000356094309	276000356094309	Superb P	680229	2013	Sudan	Mitey P	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM001603277077	276001603277077	Superbowl	619086	2013	Supersire	Beacon	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLNLDM000685696244	528000685696244	Superclass	768400	2017	Superhero	Alta1Stcla	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLDEUM000359171040	276000359171040	Supercup	833176	2016	Shep	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOL840M003143553039	840003143553039	Superday	508854	2017	Superhero	Rubicon	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLBELM000155817416	056000155817416	Superfit	678991	2011	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000539782083	276000539782083	Superglu	684967	2017	Superhero	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	RUW/AWE	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000951596688	276000951596688	Superior	797050	2017	Superhero	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	BVN	CD Gentest
01	HOLNLDM000763606749	528000763606749	Superior	680959	2013	Supersire	Snowman	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000360157710	276000360157710	Superjet	833278	2017	Superhero	Balisto	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000715118001	528000715118001	Superliner	833181	2016	Superman	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000256485	208003372306098	Superman	571867	2013	Supersire	Snowman	H1N	H2N	H3P	H4N	H5N	CDF	RSH	CD Gentest
01	HOL840M003139851175	840003139851175	Supermax	508481	2017	Superfly	Kingboy	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000254215	208003200302584	Supersonic	619019	2011	Super	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOL840M003138948163	840003138948163	Supertramp	508735	2016	Superfly	Bombero	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000664066656	276000664066656	Supertramp	619009	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLLUXM000999563443	442000999563443	Supervisor	833253	2017	Superhero	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000666391088	276000666391088	Supo	792840	2013	Supersire	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	Memminge	CD Gentest
01	HOLDEUM000113991272	276000113991272	Supotan	565939	2003	Sinatra	Aero Bond	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000263010673	528000263010673	Support	564423	2000	Sierra	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000360385508	276000360385508	Suprem	265155	2017	Superhero	Missouri	H1F	H2N	H3F	H4F	H5N	CDF	OHG	CD Gentest
01	HOLDEUM000354202929	276000354202929	Supremo	149975	2011	Super	Mac	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM097990030448	380097990030448	Suran	811399	2010	Super	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000354027178	276000354027178	Surano	619003	2010	Super	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLUSAM000138914211	840000138914211	Surefire	506121	2008	Jet Stream	Freelanze	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000360157629	276000360157629	Surfer	833261	2017	Superhero	Kooper	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001602784960	276001602784960	Surinam	619012	2010	Super	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000349687907	276000349687907	Surprise	258715	2005	Shottle	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000360369663	276000360369663	Surround	768500	2017	Superhero	Montross	H1F	H2N	H3F	H4F	H5N	CDF	RBW	CD Gentest
01	HOLCANM000107309017	124000107309017	Survivor	823049	2012	Gold Chip	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000115831420	276000115831420	Susaro	567474	2007	Shottle	Terry	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLCANM000102630475	124000102630475	Sussex-Red	297837	2004	Colby-Red	Formation	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000354598730	276000354598730	Sutilo	822495	2011	Super	Buckeye	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLUSAM000073276746	840000073276746	Sveen P	507577	2014	Long P	Epic	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDNKM000000256637	208004165406080	Svend	335532	2013	Snowfever	Sterngold	H1N	H2N	H3N	H4N	H5P	CDF	MAR	CD Gentest
01	HOLDNKM000000258889	208001652203381	Svenson PP	619160	2016	Sveen P	McCutchen	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDNKM000000249907	208003372303025	Svensson	822167	2006	Shottle	Jocko Besn	H1N	H2N	H3N	H4N	H5P	CDN	RA	
01	HOLDEUM001401289565	276001401289565	Swatch	830934	1999	Swinger	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000356948598	276000356948598	Swing	804342	2013	Shaw	Billion 3	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLDEUM001401470650	276001401470650	Swirl	831029	2000	Swinger	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000429390135	528000429390135	Sydney	144477	2006	Shottle	Adam II	H1N	H2N	H3N	H4N	H5P	CDN	VOST	
01	HOLUSAM000135699225	840000135699225	Sydney	505821	2004	Best	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000355154500	276000355154500	Sylt P	476496	2011	Snowman	Lawn Boy	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000579832996	276000579832996	Sylvano	810978	2003	Sinatra	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000121814251	276000121814251	Sylvert	833143	2015	Silver	Galaxy	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000356126968	276000356126968	Symbios	334963	2012	Summer	Gerard	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000072002143	840000072002143	Symphony	917575	2013	Sympatico	Altalota	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
02	HOLDEUM000666485777	276000666485777	Symplex	924732	2014	Sympatico	Número Uno	H1N	H2N	H3P	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLNLDM000934076098	528000934076098	Symsum-Red	588668	2013	Sympatico	Snowman	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000534886131	276000534886131	Syntax	331258	2007	Serono	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769757339	276000769757339	Syntax	823047	2012	Snowman	Planet	H1N	H2N	H3P	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000122828409	276000122828409	Syntax Red	587550	2017	Styx Red	Debutant	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
02	HOLDNKM000000259601	208002371403078	System Red	924754	2017	Styx Red	Brekem	H1F	H2N	H3F	H4F	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM001504401583	276001504401583	Systole	823212	2017	Superhero	Icône	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
02	HOLDEUM000349720921	276000349720921	Tabaluga	926564	2005	Talent2	Maxximo	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001021358794	276001021358794	Tabaluga	397240	1994	Tonic	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000536764377	276000536764377	Tabano	996737	2011	Tableau	Carmano	H1N	H2N	H3N	H4N	H5N	CDC	RBW	CD Gentest

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000662663316	276000662663316	Tabard	922623	2005	Taco	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001303151783	276001303151783	Tabasco	804126	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLUSAM00136844020	840000136844020	Tabasco	917016	2005	Talent2	Drummond	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349747237	276000349747237	Tabbert	804007	2005	Talent2	Skywalker	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348624114	276000348624114	Tabeo	465646	2004	Talent2	Jasper	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000381403148	528000381403148	Tabio	922621	2004	Talent2	Faber	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000534650005	528000534650005	Tabit	917406	2011	Tableau	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
02	HOLDEUM000354798011	276000354798011	Table Boy	996740	2011	Tableau	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD Gentest
02	HOLDEUM000768555470	276000768555470	Tableau	916966	2004	Talent2	Faber	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLDEUM001302694750	276001302694750	Tabor	804017	2005	Talent2	Charles ET	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000350070612	276000350070612	Tabulan	566695	2005	Titanic	Jolt	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000769656335	276000769656335	Tabulator	917440	2011	Tableau	Ludox	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLDEUM000768472868	276000768472868	Tacitus	811037	2004	Titanic	Bestow	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000207641101	840000207641101	Tacitus	822084	2004	Titanic	Addison	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000114736130	276000114736130	Tackzon	566604	2004	Talent2	Bonatus	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000130937380	840000130937380	Tacoma	505203	2000	Tanker	K Prescott	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM019990467173	380019990467173	Tadeo	832138	2007	Toystory	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000416056616	276000416056616	Tadeus	331390	2007	Tiamo	Amadeus II	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000111441331	276000111441331	Taecks	594353	1998	Tulip	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLUSAM000138257611	840000138257611	Tafton-P	297940	2007	Cole	Lyon-Red	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001601648085	276001601648085	Tagamet	465249	2004	Talent2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115875043	276000115875043	Tagomy	567493	2007	Toystory	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000349430127	276000349430127	Tahiti	917032	2004	Talent2	Rubens	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000114818026	276000114818026	Taifun	831779	2005	Talent2	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
02	HOLDEUM000768493709	276000768493709	Taifun	917005	2004	Talent2	Balance	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001269135916	276001269135916	Taifun	810295	1994	Tonic	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000662449074	276000662449074	Tailor	831807	2005	Talent2	Flano ET	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000424333313	528000424333313	Taipan	831808	2005	Taco	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003132117067	840003132117067	Tairon	508114	2015	Tailor	McCutchen	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000580392676	276000580392676	Taiwan	811077	2005	Tresor	Skywalker	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001500776675	276001500776675	Taiwan	822127	2005	Tresor	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM001402499350	276001402499350	Tajo	831739	2005	Taecks	Delight	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812876506	276000812876506	Tajo RF	763480	2004	Talent2	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000499150989	528000499150989	Tajolo	832306	2008	Talent2	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580566373	276000580566373	Take Red	917043	2005	Taecks	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000580588874	276000580588874	Take off	917168	2007	Talent2	Ludox	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000813729272	276000813729272	Taktik	822246	2007	Toystory	Eaton	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLDM000481052475	528000481052475	Takuma	804099	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000662894521	276000662894521	Takumi	832133	2007	Toystory	Ford	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000534240447	276000534240447	Talar	831702	2004	Talent2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000580131014	276000580131014	Talbino	917010	2004	Talent2	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000394422860	528000394422860	Talbot	831744	2004	Talent2	Ranger-Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000114949654	276000114949654	Talec	597703	2005	Talent2	Jerom	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348760396	276000348760396	Talendi	465966	2004	Talent2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000343578332	276000343578332	Talent	465847	1998	Tornado	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000716918943	056000716918943	Talero	922563	2004	Talent2	Addison	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
02	HOLITAM019990105614	380019990105614	Tales	916990	2004	Talent2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349913258	276000349913258	Taleus	802683	2005	Talent2	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM00000248972	208004433401974	Talin	831662	2004	Talent2	Inquirer	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000580482483	276000580482483	Talisman	917077	2005	Talent2	Lightning	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000348613244	276000348613244	Talist	465656	2005	Talent2	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012332221	276001012332221	Talk	135520	1994	Tonic	Algonquin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000536867320	276000536867320	Talboy	917405	2011	Tableau	Mr.Burns	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000348532822	276000348532822	Tallin	634023	2004	Talent2	Ford	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000254757	208003372305116	Tallinn	149961	2011	Time	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
02	HOLDEUM000534099475	276000534099475	Talmar	916975	2004	Talent2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000348164411	276000348164411	Talmi	831665	2004	Talent2	Boliant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402602069	276001402602069	Talmud	831733	2005	Talent2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000350411344	276000350411344	Talmut	144888	2005	Talent2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580120331	276000580120331	Talmut	634028	2004	Talent2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000812813838	276000812813838	Talocko	762996	2004	Talent2	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBW	
01	HOLDEUM000350142618	276000350142618	Talson	468034	2006	Talent2	Outside	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000812925192	276000812925192	Taluk	763664	2004	Talent2	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
02	HOLDEUM001601994411	276001601994411	Talux	831907	2006	Talent2	Milestone	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351248522	276000351248522	Tamaris	470001	2006	Talent2	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812968375	276000812968375	Tamel RF	763538	2004	Talent2	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351002769	276000351002769	Tamento	469069	2006	Toystory	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344870362	276000344870362	Tamino	810796	2000	Tugolo	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000580248841	276000580248841	Tammo	144444	2004	Talent2	Koerier	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000468210081	528000468210081	Tamson	635356	2006	Toystory	Durham	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348210611	276000348210611	Tanago	465729	2004	Titanic	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000579176417	276000579176417	Tanako	670154	2000	Tanker	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349738054	276000349738054	Tandil	822080	2004	Talent2	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580040938	276000580040938	Tandler	329353	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLNLDM000383126881	528000383126881	Tandor	328909	2004	Timer NL	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLUSAM000062188736	840000062188736	Tang	505957	2006	Goldwin	Magna	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000397048063	528000397048063	Tangare	566622	2004	Titanic	Durham	H1P	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000295614298	528000295614298	Tango	802520	2001	Tanker	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000063563625	840000063563625	Tango	470354	2007	Bolton	Best	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLCANM000007789510	124000007789510	Tango-Red	917079	2006	Salto RF	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348452220	276000348452220	Tanik	465417	2004	Titanic	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM004437471360	250004437471360	Tanko	830791	1998	Terry	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349687981	276000349687981	Tanno	329356	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533883597	276000533883597	Tansania	463081	2003	Ticket	Elwillo	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
02	HOLDEUM000534099486	276000534099486	Tantal	831726	2004	Talent2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114813210	276000114813210	Tanto	566661	2005	Titanic	Bonatus	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000288458557	528000288458557	Tanza	501710	2000	Decision	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000350862839	276000350862839	Tanzano	469065	2006	Toystory	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000580285980	276000580285980	Tapas	917033	2004	Talent2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349983779	276000349983779	Tapfer	917027	2005	Talent2	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662381395	276000662381395	Tapoll	329297	2004	Titanic	Apoll	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990415263	380019990415263	Tarabas	832131	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351802705	276000351802705	Taragon	331912	2008	Tiamo	Marbach	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662894483	276000662894483	Tarak	832120	2006	Toystory	Ford	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580581707	276000580581707	Tarall	674936	2006	Goldwin	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000427197572	528000427197572	Taran	831757	2005	Talent2	Nox	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000344180380	276000344180380	Tarban	459475	2000	Tucker	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000812925176	276000812925176	Tarek	811038	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000349561498	276000349561498	Tarent	145145	2004	Talent2	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000537473055	276000537473055	Target	917448	2012	Tableau	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000114785638	276000114785638	Targon	566660	2004	Timer NL	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000662402527	276000662402527	Taribo	466099	2005	Talent2	Rubens	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000393750777	528000393750777	Tarino	329565	2005	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOL840M003132923826	840003132923826	Tarmac	508733	2017	King Royal	Supershot	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
02	HOLDEUM000580286002	276000580286002	Tarno	917070	2005	Talent2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349452375	276000349452375	Tarot	144406	2004	Talent2	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM019990150988	380019990150988	Tarow	566628	2004	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350081122	276000350081122	Tarsus	144500	2005	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000135654295	840000135654295	Tart	505746	2004	Stormatic	Cinder ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM000938688368	276000938688368	Tartan	799190	2004	Talent2	Durham	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001500161491	276001500161491	Tartani	811085	2005	Tresor	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLNLDM000426087878	528000426087878	Tarvis	831732	2004	Taecks	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000126797158	840000126797158	Tarzan	505076	1999	Marty	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000416877346	528000416877346	Task	831902	2006	Talent2	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000358113866	276000358113866	Tasman P	499064	2015	Tyler-P	Chito	H1F	H2N	H3F	H4F	H5N	CDN	Goepel	
01	HOLNLDM000487050932	528000487050932	Tasmin	832166	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344341661	276000344341661	Tassilo	802666	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000350169626	276000350169626	Tassoni	466028	2005	Talent2	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000479648851	528000479648851	Tasty	832161	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348300970	276000348300970	Tatius	464694	2004	Titanic	Ubbo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348404847	276000348404847	Tatonga	465245	2004	Talent2	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDNKM00000249246	2080004141902658	Tatort	634171	2005	Tresor	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000768472885	276000768472885	Tattoo RF	673102	2004	Talent2	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM001400803961	276001400803961	Taunus	830839	1999	Tornado	Raider	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348827908	276000348827908	Taurinus	465416	2005	Titanic	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM001302474571	276001302474571	Taurus	802687	2005	Talent2	Cliffhanger	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLUSAM000131825518	840000131825518	Tavis	505279	2001	Marshall	Barlo	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000141039376	840000141039376	Tawny	506567	2010	Freddie	Auden	H1N	H2N	H3N	H4N	H5N	CDN	RSH/RA	
01	HOLNLDM000479874038	528000479874038	Taxator	470009	2007	Toystory	Morty	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768411109	276000768411109	Taxus	672899	2004	Talent2	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000136369800	840000136369800	Teammate	505747	2004	Teamster	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000579174051	276000579174051	Teatime	670133	2001	Tempor ET	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662849436	276000662849436	Tecito	832118	2006	Toystory	Banderas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM007273518133	250007273518133	Tecki	830752	1998	Terry	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303151804	276001303151804	Ted	804129	2007	Toystory	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000344082884	276000344082884	Teddy	458360	1999	Tornado	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347156121	276000347156121	Tedesco	326993	2001	Terminus	Astre	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000252057	2080004167402531	Tegan	568512	2007	Toystory	Durham	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM001402340931	276001402340931	Tegus	831599	2003	Teamster	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357955910	276000357955910	Tejo	154219	2015	Tribune	Yorick	H1F	H2N	H3F	H4F	H5N	CDN	VOST	CD Gentest
01	HOLDEUM000115427382	276000115427382	Tektit	567446	2006	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350570005	276000350570005	Telegraf	469257	2006	Toystory	Pazifik	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM023990068922	380023990068922	Telemann	822041	2004	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351144025	276000351144025	Telesio	811173	2006	Toystory	Champion	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLDEUM000350660627	276000350660627	Tellington	469078	2006	Toystory	Mongo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000815820214	276000815820214	Telltime	767670	2014	Tribune	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDN	RBW	CD Gentest
01	HOLDNKM00000244372	2080004199600993	Tellur	821241	2000	T Klassy	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000661455866	276000661455866	Telstar	632050	2000	Tempor ET	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000579136859	276000579136859	Temlite	669919	2000	Tempor ET	Valentein	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000114759858	276000114759858	Tempah	566672	2005	Talent2	James	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000240536505	528000240536505	Tempel	830836	1999	Terry	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662894471	276000662894471	Tempete	832117	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000931904479	528000931904479	Tempico	679205	2011	Tempo	Paramount	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLDEUM000768896164	276000768896164	Templado	811186	2007	Toystory	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001402287395	276001402287395	Templer	831588	2003	Teamster	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001300529940	276001300529940	Temptation	831062	2000	Temptor ET	Fatal	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000351437291	276000351437291	Tendenz	470615	2007	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116188086	276000116188086	Tendino	567499	2007	Toystory	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000115348023	276000115348023	Tenius	567409	2005	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000344306841	276000344306841	Tenno	810713	1999	Terry	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768472465	276000768472465	Tenno	566649	2005	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000343085138	276000343085138	Tenor	830738	1998	Tornado	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLSWEM001351267495	752001351267495	Tenor	801667	1998	Terry	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350445287	276000350445287	Tenorio	469227	2006	Toystory	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349411012	276000349411012	Tensing	143366	2004	Talent2	James	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000534924838	276000534924838	Tentino	635525	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348532824	276000348532824	Teodoro	811035	2004	Titanic	Asstre	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000768547747	276000768547747	Tequila RF	328907	2004	Talent2	Rubens RF	H1N	H2N	H3P	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115097255	276000115097255	Terbium	566635	2004	Titanic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350445288	276000350445288	Terence	811157	2006	Toystory	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348698931	276000348698931	Terenzi	466677	2005	Titanic	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000357285265	276000357285265	Terminator	154206	2015	Tribune	Número Uno	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001011231165	276001011231165	Terminus	283097	1995	Tops	Napoleon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000137153062	840000137153062	Terrapin	505829	2005	Tresor	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000666118087	276000666118087	Terrason	619040	2011	Time	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	CD Gentest
01	HOLNLDM000379903542	528000379903542	Terrence	634202	2004	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000662940305	276000662940305	Terrific	635259	2006	Toystory	Capri	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000135549913	840000135549913	Territory	329391	2004	Titanic	Terry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001501521636	276001501521636	Tersus	823145	2014	Tribune	Bogart	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
02	HOLNLDM000921269197	528000921269197	Tesk P	588013	2012	Desk	Mitey P	H1N	H2N	H3N	H4N	H5N	CDN	RSH	CD Gentest
01	HOLDEUM000108661075	276000108661075	Tessin	800255	1993	Tesk	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000534228735	276000534228735	Tessin	811050	2004	Titanic	Eminenz	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348524156	276000348524156	Tessino	465248	2004	Titanic	Delight	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000484077503	528000484077503	Tethys	832248	2007	Toystory	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343362793	276000343362793	Teutone	325571	1998	Tornado	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990226352	380019990226352	Tevez	822136	2005	Tresor	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000114480380	276000114480380	Tewaag	597196	2004	Talent2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000113153120	276000113153120	Texas	564945	2001	Tanker	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348613297	276000348613297	Texas	634095	2004	Titanic	Topkid	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351312497	276000351312497	Texas	148034	2007	Toystory	Manat	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000348555246	276000348555246	Texus	465645	2005	Titanic	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000348532862	276000348532862	Thales	811041	2004	Titanic	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000580391270	276000580391270	Thallus	597740	2005	Talent2	Faber	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000061488606	840000061488606	Thanks	672201	2004	Throne	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001265146653	276001265146653	Theben	810972	2003	Ticket	Sateliel	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLNLDM000387448967	528000387448967	Thelos	328910	2004	Titanic	Amor	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000251533	208003001001575	Theoden	832119	2006	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302694753	276001302694753	Theodor	804022	2005	Talent2	Charles ET	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 94% Traegerwahrscheinlichkeit
01	HOLDEUM001500756576	276001500756576	Thermik	822025	2004	Throne	Durham	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000532999907	276000532999907	Theun	325620	1998	Tornado	Laban	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349573779	276000349573779	Theus	144403	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349660688	276000349660688	Thiele	144467	2005	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM008842035714	250008842035714	Thiery	330892	2006	Toystory	Morty	H1N	H2N	H3N	H4P	H5N	CDN	MAR	
01	HOLNLDM000418518865	528000418518865	Thilo	144442	2005	Titanic	Addison	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000534880742	276000534880742	Thoenes	804103	2007	Toystory	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580288417	276000580288417	Thomaner	822077	2004	Titanic	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000114543390	276000114543390	Thomist	597184	2004	Talent2	Savoy Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000279792446	528000279792446	Thor	821208	2000	PM Magic	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000662663338	276000662663338	Thora	597746	2005	Taco	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001269135912	276001269135912	Thorben ET	396554	1994	Tonic	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000207812266	840000207812266	Thrasher	672203	2004	Throne	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOL840M003130853983	840003130853983	Thunder	507941	2014	Kingboy	Numero Uno	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000347953856	276000347953856	Thunder	256950	2003	Throne	Igale Masc	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349540671	276000349540671	Thurgau	329296	2004	Titanic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001500776661	276001500776661	Tiago	822036	2004	Throne	Durham	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000768366393	276000768366393	Tiamo	633775	2004	Timer NL	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLITAM098500056243	380098500056243	Tiamo	326769	2000	Tanker	Corsaro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402684138	276001402684138	Tiamus	831759	2005	Titanic	Lee	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000580239482	276000580239482	Tiberius	811043	2004	Titanic	Capri	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM098990035257	380098990035257	Tiberius	673338	2004	Titanic	Starleader	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 96% Traegerwahrscheinlichkeit
02	HOLDEUM000114949523	276000114949523	Tibero	597192	2004	Talent2	Wotoska	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000812925162	276000812925162	Tibes	763457	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	RBW	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM000534315701	276000534315701	Tibet	673487	2005	Titanic	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000662564775	276000662564775	Tibeter	840780	2005	Titanic	Tugolo	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000812975748	276000812975748	Tiblack	763627	2004	Titanic	Moblack	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000768472468	276000768472468	Tibo	802686	2005	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348872211	276000348872211	Tibold	465665	2005	Titanic	Baxter RF	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001402676632	276001402676632	Tibolo	831794	2005	Titanic	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000813083776	276000813083776	Tibrett	762998	2004	Titanic	Brett	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115097273	276000115097273	Ticam	673332	2005	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM019990158228	380019990158228	Ticino	673057	2004	Titanic	Tugolo	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000661473569	276000661473569	Tick	830963	2000	Tucker	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000017088070	840000017088070	Ticket	810477	1996	Airliner	Mascot	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLUSAM000135390180	840000135390180	Ticktack	672600	2004	Titanic	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000812925173	276000812925173	Ticon	763532	2004	Titanic	Convincer	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000934827886	276000934827886	Ticon	794700	2004	Titanic	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000349693116	276000349693116	Tido	144411	2005	Titanic	Fabian	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000115508278	276000115508278	Tieteuf	567468	2007	Toystory	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000813377670	276000813377670	Tifa	764087	2005	Titanic	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000061898099	840000061898099	Tiffin	672941	2004	Titanic	Hershel	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000344743971	276000344743971	Tifosi	326351	1999	Trailer	Valance	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113306608	276000113306608	Tigall	670977	2002	Patrick	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580261106	276000580261106	Tiger	257707	2004	Titanic	Webster	H1N	H2N	H3N	H4N	H5N	CDP	OHG	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000061757522	840000061757522	Tiger	672589	2004	Titanic	Bench-Eddi	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580367078	276000580367078	Tigolo	673120	2004	Titanic	Tugolo	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM019990862805	380019990862805	Tigres	149954	2010	Goldday	Durham	H1P	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000349297061	276000349297061	Tigris	831609	2004	Titanic	Forbidden	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000350389333	276000350389333	Tigris	804045	2006	Titanic	Progress	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000936934319	276000936934319	Tigris	794510	2004	Timer NL	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	Greifenb	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000768411116	276000768411116	Tijo	672897	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000813124059	276000813124059	Tijock	763826	2005	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000429860373	528000429860373	Tikal	831850	2005	Titanic	Brett	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349839916	276000349839916	Tikas	329355	2004	Titanic	Lukas	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580566352	276000580566352	Tiko	466040	2005	Titanic	Bormio	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534186817	276000534186817	Tikon	673055	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001402595459	276001402595459	Tikon	831776	2005	Titanic	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000397141780	528000397141780	Tilan	831687	2004	Titanic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346608443	276000346608443	Tileno	464454	2004	Timer NL	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580286063	276000580286063	Tilion	673943	2005	Titanic	Allen	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001402596488	276001402596488	Tilko	831802	2005	Titanic	Gelpro	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662550359	276000662550359	Till	673213	2004	Titanic	Ladin	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000370974873	528000370974873	Till	831682	2004	Titanic	Eland	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLCANM000104112341	124000104112341	Tillburg	330791	2006	Toystory	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662372957	276000662372957	Tilo	802653	2004	Titanic	Webster	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000422654818	528000422654818	Tilor	831839	2005	Titanic	Durham	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000579947647	276000579947647	Tilos	672953	2004	Titanic	Bormio	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349916697	276000349916697	Tilsit	144423	2005	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402583430	276001402583430	Tilsit	831633	2004	Titanic	Encore	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000248721	208003372302517	Tilson	831689	2004	Titanic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580286067	276000580286067	Tilton	674011	2005	Titanic	Allen	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662388988	276000662388988	Timalo	840724	2004	Timer NL	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001401276740	276001401276740	Timber	830988	2000	Tucker	Jackson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000421876240	528000421876240	Timber	144428	2005	Titanic	Aaron	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000248629	208003372302527	Timberjack	633811	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	ZBH	
01	HOLDEUM000662867567	276000662867567	Timberland	832126	2007	Toystory	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM0000000254738	208003372305157	Timbre	678705	2011	Time	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000061303942	840000061303942	Time Out	672942	2004	Titanic	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000931975110	528000931975110	Timelux	475511	2011	Time	Colby	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534228731	276000534228731	Timens	672945	2004	Titanic	Eminenz	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000130047489	840000130047489	Timer	327008	2000	Tanker	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115129743	276000115129743	Timerson	634364	2005	Titanic	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM001447146307	250001447146307	Times	672455	2004	Timer NL	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000370974758	528000370974758	Timex	831647	2004	Titanic	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302894202	276001302894202	Timing	804042	2006	Titanic	Progress	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000351160994	276000351160994	Timmer	145535	2007	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000423897337	528000423897337	Timmo	802699	2005	Titanic	Durham	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349747179	276000349747179	Timmy	831701	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349652649	276000349652649	Timo	634022	2004	Titanic	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349953924	276000349953924	Timo	144437	2005	Titanic	Convincer	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000372331506	528000372331506	Timo	672234	2003	Timer NL	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLLUXM000298473028	442000298473028	Timol	672952	2004	Timer NL	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000349573794	276000349573794	Timon	811057	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580388149	276000580388149	Timon	822100	2005	Titanic	Lambada	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000580364024	276000580364024	Timos	831769	2004	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000385239477	528000385239477	Timothy	672499	2004	Timer NL	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCANM000101220274	124000101220274	Timoty	503801	2003	Morty	Lee	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349107542	276000349107542	Timpano	257561	2004	Talent2	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000414571547	528000414571547	Timras	672928	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000354237006	276000354237006	Timucin	832596	2011	Time	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000349738079	276000349738079	Timur	831649	2004	Titanic	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349652646	276000349652646	Tinat	763383	2004	Titanic	Manat	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662388974	276000662388974	Tinesco	672894	2004	Titanic	Eminenz	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534913329	276000534913329	Tingle	832125	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662894518	276000662894518	Tini	635310	2007	Toystory	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500157324	276001500157324	Tinius	811072	2005	Titanic	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001402889380	276001402889380	Tinker	832034	2006	Titanic	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000358269002	276000358269002	Tinko	823152	2014	Tribune	Daddy	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000580401805	276000580401805	Tinley	673486	2005	Titanic	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351411913	276000351411913	Tinsley	145536	2007	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000348590347	276000348590347	Tintex	465967	2005	Titanic	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302686149	276001302686149	Tip	804030	2005	Titanic	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349913278	276000349913278	Tipho	831827	2005	Titanic	Capri	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351069132	276000351069132	Tiptop	469229	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533883599	276000533883599	Tirador	671366	2003	Ticket	Elwillo	H1N	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLDEUM000342439914	276000342439914	Tiral	456842	1998	Tornado	Alcatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579460180	276000579460180	Tiramisu	672924	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000397048094	528000397048094	Tiran	831691	2004	Titanic	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349594793	276000349594793	Tirano	143378	2004	Titanic	Lee	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM001502378780	276001502378780	Tirass	822120	2005	Titanic	Estimate	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLUSAM000135916979	840000135916979	Tiree	672943	2004	Titanic	Durham	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLFRAM002941260101	250002941260101	Tireur	673220	2005	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662613152	276000662613152	Tirex RF	634344	2005	Talent2	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000534240498	276000534240498	Tirgo	831740	2005	Titanic	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000387902704	528000387902704	Tirius	840748	2004	Titanic	Herald	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLCANM000102437948	124000102437948	Tiroga	329463	2004	Titanic	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001302505170	2760001302505170	Tirol	802694	2005	Titanic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579903875	276000579903875	Tiron	673060	2004	Titanic	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768555496	276000768555496	Tiron	763533	2004	Titanic	Aaron	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001402499401	276001402499401	Tirso	831714	2004	Titanic	Esar	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001601859425	276001601859425	Tirso	840731	2004	Titanic	Demand	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000768472871	276000768472871	Tisano	673058	2004	Titanic	Bestow	H1P	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000813083774	276000813083774	Tisar	762997	2004	Titanic	Esar	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
02	HOLNLDM000354419048	528000354419048	Tiscali	926297	2003	Tribute	Tulip	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580143916	276000580143916	Tiscar	672895	2004	Titanic	Jesther	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000369341484	528000369341484	Tisch	566608	2004	Titanic	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000813179586	276000813179586	Tisther	763561	2005	Titanic	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000397048087	528000397048087	Titago	840758	2004	Titanic	Durham	H1P	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000768472866	276000768472866	Titaner	840737	2004	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000813083800	276000813083800	Titas	763661	2004	Titanic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000940859662	276000940859662	Titch	832021	2006	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349351608	276000349351608	Titel	802660	2004	Titanic	Marty	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349652652	276000349652652	Titerson	763451	2004	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 98% Traegerwahrscheinlichkeit
01	HOLNLDM000397047899	528000397047899	Titham	763772	2005	Titanic	Durham	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349747181	276000349747181	Titian	840751	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000813160723	276000813160723	Titino	831721	2004	Titanic	Formation	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 96% Traegerwahrscheinlichkeit
01	HOLDEUM000662407021	276000662407021	Titjock	840740	2004	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348216555	276000348216555	Titlado	840733	2004	Titanic	Ladin	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001602047921	276001602047921	Titmer	840789	2005	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000939360804	276000939360804	Tito	794690	2005	Titanic	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDP	Greifenb	CD 99% Traegerwahrscheinlichkeit

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLITAM019990151849	380019990151849	Tito	762979	2004	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDP	RBW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348532838	276000348532838	Titono	465110	2004	Titanic	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM000105037233	250000105037233	Titur	831825	2005	Titanic	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534228728	276000534228728	Titus	634030	2004	Titanic	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001262275875	276001262275875	Titus	811039	2004	Titanic	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000137002843	840000137002843	Titus	505779	2005	Titanic	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000115129793	276000115129793	Titz	566693	2005	Titanic	Eminenz	H1N	H2N	H3N	H4N	H5N	CDP	Memminge	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348573641	276000348573641	Tivano	465659	2005	Titanic	Raimon	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000345302548	276000345302548	Tivoli	140062	2000	Tugolo	Luke	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001402412925	276001402412925	Tivoli	831624	2004	Titanic	Inquirer	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115760413	276000115760413	Tivolius	567432	2006	Tresor	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001602080680	276001602080680	Tiwamo	840790	2005	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLDM000380544484	528000380544484	Tizian	831668	2004	Titanic	Addison	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348708177	276000348708177	Tiziano	466826	2005	Titanic	Jurassic	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662564773	276000662564773	Tiziano	634366	2005	Titanic	Tugolo	H1N	H2N	H3N	H4N	H5N	CDP	ZBH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000116044234	276000116044234	Tjurre	567494	2007	Toystory	Boss II	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000115769062	276000115769062	Toast	567439	2006	Toystory	Juote	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351242876	276000351242876	Tobacco	259322	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000662402150	276000662402150	Tobago	922668	2005	Taco	Lombard	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000349632809	276000349632809	Tobak	144443	2004	Titanic	Predello	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000768984694	276000768984694	Tobald	804100	2006	Toystory	Vitus	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLDEUM001402916947	276001402916947	Tobasco	832049	2006	Toystory	Rubin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349716579	276000349716579	Tobias	257752	2004	Titanic	Gigant	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351019660	276000351019660	Tobiboy	469254	2006	Toystory	Loriot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000352995384	276000352995384	Tobiti	832428	2008	Toystory	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000114979160	276000114979160	Toblerone	597182	2004	Talent2	Mingo	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000243381922	528000243381922	Tocar	915938	2001	Topred	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351006626	276000351006626	Today	635458	2007	Toystory	Lee	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM0001269135925	276001269135925	Todor	810314	1994	Tonic	Inspiratio	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350685367	276000350685367	Toffifee	674932	2006	Toystory	Good	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLNLDM000232807400	528000232807400	Togal	668344	1998	Tornado	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500153919	276001500153919	Togan	811162	2006	Toystory	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000534651768	276000534651768	Together	675254	2007	Toystory	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001502378793	276001502378793	Togo	822121	2005	Tresor	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001603472006	276001603472006	Togo	619126	2015	Tribune	Lexor	H1F	H2N	H3F	H4F	H5N	CDP	Qnetics	CD Gentest
02	HOLUSAM000134795937	840000134795937	Tohatchi P	297765	2003	Luigi RF	Airliner	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000351461125	276000351461125	Tojako	469451	2007	Toystory	Bormio	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001082496206	276001082496206	Tokay Red	475885	2012	Tableau	Malvoy	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD Gentest
01	HOLDEUM001500101242	276001500101242	Tokito	811166	2007	Toystory	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350572658	276000350572658	Toledo	148038	2007	Toystory	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350848742	276000350848742	Toledo	259030	2006	Toystory	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349652664	276000349652664	Tolkin	822050	2004	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 98% Traegerwahrscheinlichkeit
01	HOLDEUM001400805639	276001400805639	Toller	830740	1998	Tornado	Ron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000474110735	528000474110735	Tolstoi	145524	2007	Toystory	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM0002941264593	250002941264593	Toluene	505469	2002	Inquirer	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343578369	276000343578369	Tom	457972	1999	Tornado	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000436478246	528000436478246	Tom Dody	832071	2006	Toystory	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000052464205	840000052464205	Tomahawk	329123	2004	Throne	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000535017266	276000535017266	Toman	917249	2008	Tocar	Manager ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001264190969	276001264190969	Tomasi	811167	2007	Toystory	Jefferson	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000350835814	276000350835814	Tombola	468820	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017990417486	380017990417486	Tomboy	832122	2006	Toystory	Demand	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000388801279	528000388801279	Tomcat	635558	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001302894460	276001302894460	Tomio	804102	2007	Toystory	Titanic	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000662915316	276000662915316	Tommic	635457	2007	Toystory	Monza	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351144024	276000351144024	Tommy	259171	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000108849233	276000108849233	Tonder	560446	1994	Tonic	Raider	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001500161416	276001500161416	Tondul	465704	2005	Talent2	Zack	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000699614609	528000699614609	Tonga	678901	2011	Boxer	Mac	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001012288456	276001012288456	Tongo	135501	1994	Tonic	Marathon	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000063334890	840000063334890	Tonight	674758	2007	Toystory	Champion	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349430124	276000349430124	Tonikum	597197	2004	Talent2	Rubens	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM001021140042	276001021140042	Tony Rae	820100	1991	Blackstar	Tony	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000349528394	276000349528394	Toorn	144415	2004	Titanic	Planet	H1N	H2N	H3N	H4N	H5N	CDP	VOST	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534880741	276000534880741	Top Ten	675101	2007	Toystory	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000349417145	276000349417145	Top-Red	257717	2004	Talent2	Lentini RF	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000941914366	276000941914366	Topas	795100	2007	Toystory	Manat	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000350806213	276000350806213	Topaz	259377	2007	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001403120606	276001403120606	Topaz	832041	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351817593	276000351817593	Topfit	470301	2007	Toystory	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351120521	276000351120521	Topic	259440	2007	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000348790996	276000348790996	Topline	465658	2005	Talent2	Rudolph	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM001405290977	276001405290977	Topmodel	833303	2017	Topshot	Silver	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
02	HOLDEUM000664091086	276000664091086	Toppoll P	924701	2010	Top-Red	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000535530555	276000535530555	Toprave	832482	2008	Talent2	Outside	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000065602053	840000065602053	Topspeed	331382	2007	Toystory	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250817	208005126001429	Topspin	674938	2006	Toystory	V Brando	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342441019	276000342441019	Topstar	455807	1999	Top Gun	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000715952290	528000715952290	Topstone	833310	2017	Topshot	Rubicon	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000358046375	276000358046375	Tor	2014	Catalyst	Lexor	H1N	H2N	H3N	H4N	H5N	CDN	ZAR	Wien	
01	HOLUSAM000135965955	840000135965955	Torax	822088	2004	Titanic	Durham	H1P	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001500150954	276001500150954	Torbelino	832103	2007	Toystory	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254789	208003800004420	Torben	619032	2011	Time	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001400980279	276001400980279	Tordal	830751	1998	Tornado	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116033446	276000116033446	Torelius	832102	2007	Toystory	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350848731	276000350848731	Torelli	259015	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000351411914	276000351411914	Torello	811170	2007	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000115676485	276000115676485	Toreon	567495	2007	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000535050925	276000535050925	Torex	917176	2008	Tocar	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001303008587	276001303008587	Torge	804144	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000485861743	528000485861743	Toriac	832233	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254996	208003372305271	Toriani	811423	2011	Time	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000533883596	276000533883596	Toricelli	810953	2003	Ticket	Elwillo	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLITAM020990137431	380020990137431	Torino	144463	2005	Tresor	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLITAM098990048678	380098990048678	Torino	802690	2005	Titanic	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579996546	276000579996546	Tormack	329298	2004	Titanic	Manat	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001021423735	276001021423735	Tornado	820205	1994	Tesk	Bell-Troy	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001400580159	276001400580159	Toro	830713	1998	Tornado	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343713547	276000343713547	Toronto	821055	1998	Tornado	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579216900	276000579216900	Toronto	257959	2004	Titanic	Dane	H1N	H2N	H3N	H4N	H5N	CDN	OHG	

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DEU KB Bullen
 typisierte Bullen



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 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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01	HOLNLDM000385018287	528000385018287	Toronto	634097	2004	Throne	Mtoto	H1P	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLUSAM00065850602	84000065850602	Torpedo	917218	2007	Elayo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000534628485	276000534628485	Torrent	917228	2008	Tocar	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343085100	276000343085100	Torres	830707	1998	Tornado	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662789333	276000662789333	Torres	635260	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000349838920	276000349838920	Torsholt	329441	2005	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350848771	276000350848771	Torvald	259170	2007	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000350330432	276000350330432	Torwart	469445	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350829448	276000350829448	Toscano	259069	2006	Toystory	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM001500838502	276001500838502	Toscano	822117	2005	Titanic	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000227454758	528000227454758	Toscano	830750	1998	Tornado	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000685695296	528000685695296	Tosco	811604	2017	Topshot	Rubicon	H1F	H2N	H3F	H4F	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001403092325	276001403092325	Tosh	832050	2006	Toystory	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOL840M003010354171	840003010354171	Totilas	811508	2014	Toprock	Epic	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000114979202	276000114979202	Touch	566642	2004	Talent2	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000061077124	840000061077124	Touchdown	329122	2003	Throne	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM008841005514	250008841005514	Toulouse	802689	2004	Titanic	Basar	H1N	H2N	H3P	H4N	H5N	CDN	RA	
02	HOLDEUM000536021563	276000536021563	Tour	917325	2009	Tocar	Lightning	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000351006613	276000351006613	Tourist	469223	2007	Toystory	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000936884789	528000936884789	Tourmette	588018	2012	Dertour	Fidelity	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLNLDM000437290230	528000437290230	Tovero	832070	2006	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662915314	276000662915314	Towanda	832095	2007	Toystory	Monza	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351002747	276000351002747	Tower	675270	2007	Toystory	Garter	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLNLDM000381403117	528000381403117	Tower	922569	2004	Talent2	Power	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000384459959	528000384459959	Toxic	328697	2004	Throne	Storm	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001303151702	276001303151702	Toyall	675263	2007	Toystory	Lynch	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662771062	276000662771062	Toybest	635302	2006	Toystory	Best	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000485634880	528000485634880	Toyboy	840867	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000662849434	276000662849434	Toydero	840855	2006	Toystory	Banderas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000481052507	528000481052507	Toydur	840864	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000662894473	276000662894473	Toyford	635170	2006	Toystory	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000481052514	528000481052514	Toyham	840862	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000768896129	276000768896129	Toyko	751723	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000813690489	276000813690489	Toyland	764428	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLNLDM000469567034	528000469567034	Toylent	635359	2006	Toystory	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000424768142	528000424768142	Toylord	840866	2007	Toystory	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	LTR	
01	HOLFRAM004241168244	250004241168244	Toyluc	840873	2007	Toystory	Lucente	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000939431662	276000939431662	Toyo	832045	2006	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813747758	276000813747758	Toyriv	764423	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000662811293	276000662811293	Toyriver	840861	2007	Toystory	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350427783	276000350427783	Toyron	764957	2006	Toystory	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLCANM000104210026	124000104210026	Toyshop	822235	2006	Toystory	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350513803	276000350513803	Toystar	259070	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000812249359	276000812249359	Toystar	764177	2006	Toystory	Ford	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000580515166	276000580515166	Trabant	804013	2005	Tresor	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000114441200	276000114441200	Trabell	597198	2004	Talent2	Flano ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000114958859	276000114958859	Traffik	597189	2004	Talent2	Laredo Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000116044207	276000116044207	Tragebott	567491	2007	Toystory	Boss II	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLCANM000007770729	124000007770729	Train	503919	2006	Buckeye	Allen	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000116188081	276000116188081	Trajan	567497	2007	Toystory	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000815020324	276000815020324	Traminer	619052	2011	Truman	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLUSAM000063927747	84000063927747	Traminer	330790	2006	Toystory	Garter	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM001302276214	276001302276214	Tramitz	822063	2004	Titanic	Preval	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000349660735	276000349660735	Tramper	634619	2005	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000061898194	840000061898194	Tranquilo	329552	2005	Titanic	Durham	H1N	H2N	H3P	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000357530509	276000357530509	Trans-Am	571899	2015	Tribune	Daddy	H1F	H2N	H3F	H4F	H5N	CDP	RSH	CD Gentest
01	HOLNLDM000835202912	528000835202912	Trapper	800198	1993	Target	Rotate	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000357400169	276000357400169	Traum	499041	2014	Tribune	Mogul	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
02	HOLBELM000811623887	056000811623887	Travel	917536	2013	Try	Jerudo	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD Gentest
01	HOLNLDM000485835003	528000485835003	Traveler	635523	2007	Toystory	Outside	H1N	H2P	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351069163	276000351069163	Travelsi	330687	2007	Toystory	Ford	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768472676	276000768472676	Travers	822257	2007	Toystory	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000350451208	276000350451208	Travolta	635363	2006	Toystory	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000538551480	276000538551480	Travolta	833077	2014	Tribune	Mogul	H1F	H2N	H3F	H4F	H5N	CDP	MAR	CD Gentest
01	HOLDEUM000812968389	276000812968389	Trebes	762973	2005	Tresor	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001601580852	276001601580852	Trebo	840626	2002	Trent	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLUSAM000064943767	840000064943767	Trek	506190	2008	Laurin	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349953922	276000349953922	Trelion	144440	2005	Tresor	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000938118818	276000938118818	Tremato	794620	2004	Tresor	Southwind	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLDEUM001402559208	276001402559208	Tremolo	831723	2004	Tresor	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM097990005142	380097990005142	Tremolo	634208	2004	Tresor	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM005703395222	250005703395222	Trenco	831421	2002	Trent	Dowin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000538771582	276000538771582	Trend	263909	2014	Tribune	Mogul	H1F	H2N	H3F	H4F	H5N	CDP	OHG	CD Gentest
01	HOLUSAM000136619026	840000136619026	Trend	822128	2005	Tresor	Manat	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000397279942	528000397279942	Trenner	831719	2004	Tresor	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265154227	276001265154227	Trentino	811061	2005	Tresor	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000813083813	276000813083813	Tresar	763775	2005	Tresor	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLITAM019990101980	380019990101980	Tresco	144419	2004	Tresor	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001302774600	276001302774600	Tresko	804041	2006	Tresor	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001021423724	276001021423724	Tresor ET	396376	1993	Tesk	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349720593	276000349720593	Treu	329295	2004	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000114152030	276000114152030	Trevino	597125	2003	Tribute	Power	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000421046300	528000421046300	Treviso	634206	2004	Tresor	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLUSAM000135654464	840000135654464	Trexton	916929	2004	Tribute	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000721280417	528000721280417	Trial	679583	2012	Trigger	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000114414730	276000114414730	Tribari	597144	2003	Tribute	Rubens RF	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350445290	276000350445290	Tribun	794940	2006	Toystory	Manat	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000348624115	276000348624115	Tribunas	465647	2004	Titanic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351019577	276000351019577	Trichos	330635	2006	Toystory	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	BERBELM000110326439	056000110326439	Trick P	917373	2010	Mitey P	Gogo	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000347604083	276000347604083	Tricolor	327786	2002	Trailor	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM020990137433	380020990137433	Trient	634574	2005	Tresor	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351237875	276000351237875	Trigamon	330977	2007	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000354124368	528000354124368	Trigema	916886	2003	Tribute	Andries	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000383126766	528000383126766	Trigger	328727	2004	Timer NL	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115795052	276000115795052	Triglav	567485	2007	Toystory	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLUSAM000056629618	840000056629618	Trillion P	298212	2013	Ladd P	Mitey P	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD Gentest
01	HOLDEUM000348620735	276000348620735	Trilogie	465418	2004	Titanic	Bestow	H1P	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000247239	208005030601010	Trilon	831440	2002	Trent	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115252604	276000115252604	Trimaran	566691	2005	Titanic	Estimate	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDNKM000000254644	208002371402278	Trinidad	804285	2011	Time	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000348016927	276000348016927	Trio	633085	2003	Throne	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDNKM000000248688	208004433402246	Triplan	831777	2005	Tribute	Inquirer	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662940338	276000662940338	Tripoli	635522	2007	Toystory	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580239484	276000580239484	Tristan	673133	2004	Titanic	Capri	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
02	HOLUSAM000135944008	840000135944008	Tristan 1	297842	2004	Colby-Red	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001303742473	276001303742473	Tristino	804261	2010	Tilo	Ruffian	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLFRAM002933591802	250002933591802	Triton	831830	2005	Titanic	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLLUXM000598479496	442000598479496	Triton	634229	2004	Titanic	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000357808110	276000357808110	Triumphato	483800	2014	Tribune	Gold Chip	H1N	H2P	H3N	H4N	H5N	CDN	BayGen	
01	HOLDEUM001303941229	276001303941229	Trivago	804265	2011	Truman	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM002242501758	250002242501758	Troarn	505470	2002	Dutch Boy	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000420375809	528000420375809	Troges	831795	2005	Titanic	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001400818431	276001400818431	Troja	830736	1998	Tornado	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000752877822	528000752877822	Trojan	154235	2015	Troy	Danno	H1F	H2N	H3F	H4F	H5N	CDF	VOST	CD Gentest
01	HOLDEUM000351002776	276000351002776	Trojaner	794930	2006	Toystory	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000342359328	276000342359328	Trojo	457231	1998	Tornado	Leadman	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402340941	276001402340941	Troll	831646	2003	Throne	Herald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001021553112	276001021553112	Tromba	397562	1995	Tonic	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000111477625	276000111477625	Trompete	563403	1998	Tornado	Horton	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000354510533	276000354510533	Trondur	149974	2011	Truman	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000354800149	276000354800149	Trooper	333987	2011	Truman	Shottle	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000114565158	276000114565158	Tropic	566641	2004	Titanic	Manat	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001021421028	276001021421028	Tropical	399482	1994	Tonic	Ned Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000768472872	276000768472872	Trotzki	566651	2004	Titanic	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000343643346	276000343643346	Troubadur	631112	1998	Terry	Dombinator	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000114565157	276000114565157	Troupe	566637	2004	Titanic	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000436479559	528000436479559	Trubas	567475	2007	Toystory	Eland	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000349396796	276000349396796	Truman	328696	2004	Throne	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000135018297	840000135018297	Trumbull	822004	2003	Beaver	Marshall	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000135981544	840000135981544	Trumper	505748	2004	Titanic	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000485634873	528000485634873	Trumpf As	635453	2007	Toystory	Durham	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000353714593	276000353714593	Trust	333393	2010	Trump	Laudan	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000346608442	276000346608442	Tschibo	464453	2004	Timer NL	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578690998	276000578690998	Tuareg	669773	2000	Tugolo	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001265154180	276001265154180	Tuareg	811048	2004	Talent2	Outside	H1N	H2P	H3N	H4N	H5N	CDN	RBB	
01	HOLUSAM000053478872	840000053478872	Tuba	822319	2008	Baxter 2	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLITAM017990417483	380017990417483	Tubbs	832121	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000111881967	276000111881967	Tubi	594378	1998	Tulip	Cadillac	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000350362863	250005299860230	Tubolo	505471	2002	Lounge	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000273531045	528000273531045	Tucano	501684	2000	Tugolo	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLUSAM000127638357	840000127638357	Tuckman	505075	1999	Demand	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351559489	276000351559489	Tuco	259824	2007	Turier	Taco	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000115825870	276000115825870	Tudami	568515	2007	Toystory	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401099052	276001401099052	Tudor RF	830817	1999	Tulip	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661322747	276000661322747	Tugeno	840490	2000	Tugolo	Storm	H1N	H2N	H3N	H4N	H5N	CDP	LTR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000344858737	276000344858737	Tugima	669539	2000	Tugolo	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000112123617	276000112123617	Tukan	921757	1999	Tulip	Kastor	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000111799409	276000111799409	Tulboy	921756	1999	Tulip	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348524607	276000348524607	Tulido	465448	2004	Titanic	James	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLDEUM000578480115	276000578480115	Tulimag	914507	1998	Tulip	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000578161435	276000578161435	Tulio	914694	1999	Tulip	Caristo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000398612869	528000398612869	Tulla	634204	2004	Titanic	PM Magic	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM001402057988	276001402057988	Tullius	831474	2003	Tully	Rainbow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578211117	276000578211117	Tumilo	914493	1998	Tulip	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000062188536	840000062188536	Tunderbolt	505726	2004	Titanic	Convincer	H1N	H2N	H3N	H4N	H5N	CDP	RSH	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000578709479	276000578709479	Tundra	915445	2000	Tulip	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401422341	276001401422341	Tunis	831030	2000	Tugolo	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533316662	276000533316662	Tunnel	669755	2000	Tugolo	RC Matt	H1P	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000111754195	276000111754195	Tupat	914200	1998	Tulip	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005800799833	250005800799833	Tupfer	830950	1999	Tugolo	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000484364311	528000484364311	Tupilak	832168	2007	Toystory	Durham	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404867216	276001404867216	Turaco	823144	2014	Tribune	Mogul	H1F	H2N	H3F	H4F	H5N	CDF	RA	CD Gentest
01	HOLDEUM000578670381	276000578670381	Turek	810798	2000	Tugolo	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000660563141	276000660563141	Turino	921911	2000	Tulip	Factor RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001401276775	276001401276775	Turist	831023	2000	Tucker	Downson	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401479791	276001401479791	Turko	831075	2000	Tugolo	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001300719466	276001300719466	Turm	830940	2000	Tugolo	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349853796	276000349853796	Turmalin	144451	2004	Titanic	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401263581	276001401263581	Turnier	830997	2000	Tucker	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000948832005	276000948832005	Turtle	796210	2013	Tyler-P	Bertil	H1N	H2N	H3N	H4N	H5N	CDF	BVN	CD Gentest
01	HOLUSAM000134883656	840000134883656	Tuscola-P	505558	2003	Paradox	Clifhanger	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLFRAM004430688263	250004430688263	Tutchman	505472	2002	Dutch Boy	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350897927	276000350897927	Tuvalu	469556	2007	Toystory	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000578125569	276000578125569	Tuvanias	914424	1998	Tulip	Stollberg	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662956004	276000662956004	Tuvok	832124	2007	Toystory	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM001403597163	276001403597163	Twando	832399	2009	Twister	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000351473638	276000351473638	Twelve	917233	2007	Thales	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000449096501	528000449096501	Twente	145523	2006	Toystory	Champion	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000880469384	528000880469384	Twice P RF	680230	2013	Twist	Man-O-Man	H1N	H2N	H3N	H4N	H5N	CDC	RUW	CD Gentest
01	HOLDEUM000111351790	276000111351790	Twingo	564057	1999	Tornado	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001403120602	276001403120602	Twinkle	832020	2006	Toystory	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000055967196	840000055967196	Twitter	678744	2011	Detroit	O-Man	H1N	H2N	H3N	H4N	H5N	CDP	RUW	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000349397199	276000349397199	Twix	926491	2004	Talent2	Faber	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000115089087	276000115089087	Tyconn	566682	2005	Titanic	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000578906246	276000578906246	Typwis	915340	2000	Tyler-Red	Bell Elton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000666318330	276000666318330	Tyson PP	619092	2013	Tyler-P	Lassy	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000344696377	276000344696377	Ubangi	669688	2000	Ubbo	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345711547	276000345711547	Ubarus	460348	2000	Ubbo	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012261613	276001012261613	Ubbo	134448	1994	Ugela Bell	Marathon	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000811739176	276000811739176	Ubigan	670363	2001	Ubbo	Zack	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578911443	276000578911443	Ublany	669694	2000	Ubbo	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344434930	276000344434930	Ubolo	459995	2000	Ubbo	Calay ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345395509	276000345395509	Ubras	669689	2000	Ubbo	Tornado	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345655121	276000345655121	Udatos	460635	2000	Ubbo	Stardom	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000367247957	528000367247957	Ugeen	501956	2003	Finley	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000347452506	276000347452506	Ukas	802542	2001	Ubbo	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000811485748	276000811485748	Ulan	831009	2000	Ugela Bell	Bingle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001012092174	276001012092174	Ulan	132223	1991	Ugela Bell	Starbuck	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM005367369989	250005367369989	Ulcot	505570	2003	Lounge	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
Rasse: Schwarz- und Rotbunt
ZWS Termin: 04.12.2018

DEU KB Bullen
typisierte Bullen



Haplotypen: (sort order by name)
Breed: German (Red) Holsteins
Date of Evaluation: 12/04/2018

German AI bulls
genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000345611978	276000345611978	Ultimatum	459819	2000	Ubbo	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344120747	276000344120747	Ulto	459817	2000	Ubbo	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347107473	276000347107473	Umar	327120	2000	Ubbo	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000344272072	276000344272072	Umbr	459470	2000	Ubbo	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579017281	276000579017281	Umbr	326665	2000	Ubbo	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000366267428	250005299860272	Unario	505569	2003	Morty	Lantz	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM000128291546	840000128291546	Uncle Sam	297565	1999	Rubens RF	Karmel Red	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000130291217	840000130291217	Uncle Sam2	505135	2000	Lee	Integrity	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM00000660075	826388380200076	Unero	832849	2012	Numero Uno	Planet	H1N	H2N	H3N	H4N	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000359986558	276000359986558	Unesco	156579	2017	Unique	Tribune	H1F	H2N	H3F	H4F	H5N	CDN	VOST	CD Gentest
01	HOLDEUM000345857074	276000345857074	Unger	810834	2000	Ubbo	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000241288513	528000241288513	Uniqe	501665	1999	Igale Masc	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000112954331	276000112954331	Unied	564083	2000	Ubbo	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001401733711	276001401733711	Uparto	831164	2001	Uppsala	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002245961555	250002245961555	Upiscop	505688	2003	Champion	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401276675	276001401276675	Upito	830878	1999	Uppsala	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM008501200321	250008501200321	Upreux	505686	2003	Morty	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401606246	276001401606246	Upus	831130	2000	Uppsala	Downson	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000112720051	276000112720051	Urban	326799	2000	Ubbo	Luke	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345511421	276000345511421	Urian	459821	2000	Ubbo	Nick	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401681252	276001401681252	Uron	831117	2001	Uppsala	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346301502	276000346301502	Ursus	141446	2001	Ubbo	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001401124683	276001401124683	Usambo	831147	2001	Uppsala	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM017500195555	250005299860322	Uskip	505568	2003	Morty	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000344788217	276000344788217	Ustinov	326889	2000	Ubbo	Wade ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM002941264874	250002941264874	Uvermi	505687	2003	Merdrignac	Demand	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM005623276412	250005623276412	Uzone	505567	2003	Merdrignac	Addison	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343955893	276000343955893	Vabel	668758	1999	Valentein	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDNKM00000246592	208004195401134	Vachim	565756	2002	V Brando	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350100143	276000350100143	Valdez	144431	2005	Vitus	Predello	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000661136021	276000661136021	Valentin	631357	1999	Valentein	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000535110095	276000535110095	Valento	804170	2008	Virzil	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001262275860	276001262275860	Valerio	811026	2004	Vitus	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000499623450	528000499623450	Valerius	811278	2008	Virzil	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000580089849	276000580089849	Valery	811029	2004	Vitus	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000695678182	528000695678182	Valery	148511	2008	Socrates	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000576494067	276000576494067	Valoro	666375	1995	Valvano ET	Sammy	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000536177449	276000536177449	Value	677670	2009	Vachim	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000578134209	276000578134209	Vampir	668701	1998	Valentein	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLUSAM00060918329	84000060918329	VampireRed	297747	2003	Paradox	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001502085116	276001502085116	Van Gogh	822165	2005	Goldwin	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM002236352921	250002236352921	Vandaly	505847	2004	Okendo	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000768472466	276000768472466	Vantall	673335	2005	Titanic	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000534651727	276000534651727	Vaquero	674870	2006	Vampir	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000523568449	528000523568449	Vadrero	811269	2008	Virzil	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349567682	276000349567682	Vargas	329443	2005	Vitus	Predello	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578310563	276000578310563	Vargas	810700	1998	Valentein	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000533043211	276000533043211	Variabel	668770	1998	Valentein	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663196053	276000663196053	Varonis	331501	2008	Virzil	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM001503823184	276001503823184	Varos	823025	2011	Van Gogh	Douglas	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000352778279	276000352778279	Varus	148518	2008	Vachim	Finley	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLCANM000102327661	124000102327661	Vary	822032	2004	Freelanze	Hershel	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000352491726	276000352491726	Vasco	148085	2008	Virzil	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000580089850	276000580089850	Vasco	811034	2004	Vitus	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001503823176	276001503823176	Vegas	823019	2011	Van Gogh	Cassano	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLNLDM000266756477	528000266756477	Vegas	501679	1999	Basar	Mendel	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000351392416	276000351392416	Vektor	148065	2008	Virzil	Dorado	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000579542569	276000579542569	Velodrom	822051	2004	Vitus	Moto	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348506178	276000348506178	Veltins	464700	2004	Vitus	Raven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM00009358202	12400009358202	Velvet	503741	2001	Gibson	Starleader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM024000312387	380024000312387	Veneto	802633	2004	Vitus	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000738668365	528000738668365	Veno	811376	2010	Vaucluse 2	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000389890300	528000389890300	Venturo	465702	2004	Vitus	Ronald	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348111915	276000348111915	Verbeno	464524	2004	Vitus	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000577056682	276000577056682	Vergil	283106	1995	Valvano ET	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000921224831	528000921224831	Vero	823064	2012	Numero Uno	Planet	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD Gentest
01	HOLITAM017990189784	380017990189784	Vertex	566650	2005	Boliver	Magna	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM001445852712	250001445852712	Vertigo	473718	2010	Vaucluse 2	Airraid	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535454380	276000535454380	Vesuv	148077	2008	Virzil	Minister	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001262275866	276001262275866	Vesuv	465031	2004	Vitus	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000898806955	528000898806955	Veto	149948	2010	Via Thelo	Wildman	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001265168370	276001265168370	Vicente	811099	2005	Velox ET	Aaron	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000352207715	276000352207715	Vicon	260165	2008	Virzil	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000580550309	276000580550309	Videas	673631	2005	Vitus	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000768937267	276000768937267	Vienetta	917170	2007	Vince	Origin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000663196078	276000663196078	Vigano	811253	2008	Virzil	Shottle	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000348099260	276000348099260	Vigolo	762300	2004	Vitus	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000506050727	276000506050727	Vikus	067866	1991	Vis	Hilton	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348297702	276000348297702	Vimor	464519	2004	Vitus	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000131130384	840000131130384	Vince	926213	2001	Cadon	Amel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM019990477177	380019990477177	Vincenzo	832148	2007	Virzil	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLUSAM000061133858	840000061133858	Vincente	297788	2003	September	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001501195359	276001501195359	Vincenzo	804203	2008	Virzil	Boliver	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351259629	276000351259629	Vinci	260045	2008	Virzil	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000352342741	276000352342741	Vinest	260170	2008	Virzil	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	CD 98% Traegerwahrscheinlichkeit
01	HOLNLDM000258562044	528000258562044	Vinnie	501693	1999	Convincer	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	CONVIS	
01	HOLDEUM000349452408	276000349452408	Vino	144413	2004	Vitus	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000352104019	276000352104019	Vino	822301	2008	Virzil	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348624120	276000348624120	Vinsor	465952	2004	Vitus	Prisma	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351769127	276000351769127	Viran	148063	2008	Virzil	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000535426882	276000535426882	Virgil	636141	2008	Virzil	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000768937263	276000768937263	Virgin	996700	2007	Vince	Origin	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000943793218	276000943793218	Virilu	795440	2009	Virzil	Lucky Mike	H1N	H2N	H3N	H4N	H5N	CDN	BVN	
01	HOLNLDM000523568418	528000523568418	Virton	765271	2008	Virzil	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000580287797	276000580287797	Virtuose	672898	2004	Vitus	Brett	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000134060303	840000134060303	Visa-P	505565	2003	Outside	Party-red	H1N	H2P	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM001500104669	276001500104669	Visconti	811070	2005	Vitus	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000419365433	528000419365433	Visconti	634396	2005	Vitus	Marshall	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLIRLM000000596100	372001181730223	Vitalis	801681	1999	Valentein	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580367135	276000580367135	Vitara	465914	2005	Vitus	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

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DEU KB Bullen
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Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLNLDM000544893393	528000544893393	Vitas	823032	2011	Van Gogh	Shottle	H1N	H2N	H3N	H4N	H5P	CDF	RA	CD Gentest
01	HOLNLDM000394789981	528000394789981	Vitell	633863	2004	Vitus	Addison	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000385328915	528000385328915	Vitex	831676	2004	Vitus	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000580143630	276000580143630	Vito	672496	2004	Vitus	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001262275849	276001262275849	Vito	811020	2004	Vitus	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000479872885	528000479872885	Vitomir	471890	2008	Virzil	Shottle	H1N	H2N	H3N	H4N	H5P	CDN	MAR	
01	HOLDEUM000351731811	276000351731811	Vitos	260171	2008	Virzil	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000580287790	276000580287790	Vitulio	329694	2005	Vitus	Tugolo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349322794	276000349322794	Vivaldi	257477	2004	Vitus	Lee	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000349789396	276000349789396	Vivaris	329620	2005	Vitus	Mtoto	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349631808	276000349631808	Vivendi	672540	2004	Vitus	Novalis	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000388665101	528000388665101	Vivil	831711	2004	Vitus	Addison	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM00000252727	208005246501832	Vizaro	840939	2008	Virzil	T Funkis	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
02	HOLUSAM000130995698	840000130995698	Volano-Red	297656	2001	Shandy RC	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM001021082751	276001021082751	Volcano	393742	1991	Verro	Jason	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116142632	276000116142632	Volley	599409	2008	Vince	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000348555173	276000348555173	Volvic	465445	2004	Vitic	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000570646677	528000570646677	Vuelta	678166	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001262275870	276001262275870	Vulkano	465032	2004	Vitus	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000385596891	528000385596891	Vurano	505685	2004	O-Man	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000350806378	276000350806378	WLH Maximu	330750	2006	Damion	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	Goepel	
01	HOLDEUM000113747290	276000113747290	Wabbel	565702	2002	Webster	Glenwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001502412777	276001502412777	Wabell	821071	1998	Wade ET	Bengale ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579109237	276000579109237	Wacholder	821258	2001	Webster	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000115841564	276000115841564	Wadix	597799	2007	Wilg	Stadel	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001600530756	276001600530756	Wadur ET	840435	1999	Wade ET	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351002745	276000351002745	Wagemut	469442	2007	Wildman	Steven	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343857673	276000343857673	Wagner	810636	1998	Wade ET	Supreme	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000351721536	276000351721536	Wahrheit	472032	2008	Watha	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345952461	276000345952461	Waldgraf	810848	2001	Webster	Geoffry	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000345876232	276000345876232	Walini	460637	2001	Webster	Slocum	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000289560714	528000289560714	Walmart	326768	2000	Webster	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000578133563	276000578133563	Walter	801084	1998	Wade ET	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351353933	276000351353933	Waltram	330762	2007	Wildman	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000352943129	276000352943129	Wanto	599459	2009	Woody	Ludox	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000663429923	276000663429923	Warlord	923246	2009	Woody	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLITAM01790520495	38001790520495	Warner	148069	2008	Watha	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000257258539	528000257258539	Warrick	669082	1999	Wallace	Tonic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000343064925	276000343064925	Warstein	325374	1998	Wade ET	Belmont	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000113054616	276000113054616	Warsteiner	564726	2001	Webster	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000351721541	276000351721541	Warwick	470725	2008	Watha	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001265205191	276001265205191	Wasaki	811250	2008	Watha	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RBB	
01	HOLDEUM001273400077	276001273400077	Wasmond	811263	2008	Watha	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000346942533	276000346942533	Waterloo	463023	2003	Willstar	Bleep	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116807673	276000116807673	Watoman	568572	2009	Watha	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	RSH	
01	HOLDEUM001303424773	276001303424773	Watson	804189	2008	Watha	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351144054	276000351144054	Wayang	832123	2007	Wildman	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533475284	276000533475284	Weaver	669670	2001	Webster	Zack	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000345875436	276000345875436	Weber	821273	2000	Webster	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000811852001	276000811852001	Weblee	761923	2001	Webster	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RBW	

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DEU KB Bullen
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 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
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01	HOLDEUM000579136882	276000579136882	Website	669663	2000	Webster	Metro	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000292911172	528000292911172	Webtron	761561	2001	Webster	Patron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000812095569	276000812095569	Webwood	762101	2001	Webster	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402036761	276001402036761	Wedding	831467	2003	Webster	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403057901	276001403057901	Weezle	832047	2007	Wildman	Champion	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000221062346	528000221062346	Wegas	821066	1998	Wade ET	Luke	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351002726	276000351002726	Weinstein	469532	2007	Wildman	Eminenz	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000329282345	528000329282345	Weiser	831175	2001	Webster	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345949281	276000345949281	Weitblick	632375	2001	Webster	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLNLDM000731270156	528000731270156	Welano	811436	2011	Wonder	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000811067770	276000811067770	Welblack	761207	1998	Wells	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000345679952	276000345679952	Wellington	632125	2000	Webster	Belltone	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLITAM017990520492	380017990520492	Wellness	804167	2008	Watha	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000205600199	528000205600199	Wellness	821092	1998	Wade ET	Mountain	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000232138906	528000232138906	Welsler	830619	1998	Wells	Wayne	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346178172	276000346178172	Weltbild	461611	2001	Webster	Cleiber ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348868122	276000348868122	Weltmeyer	465662	2005	Windows 2	Preval	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116086902	276000116086902	Welttruhm	567492	2007	Wildman	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000345461859	276000345461859	Wendelin	831150	2001	Webster	Col Duster	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402347578	276001402347578	Wenfried	831546	2003	Wendelin	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000768769854	276000768769854	Wento	599422	2008	Wilg	Marmax RF	H1P	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000112979766	276000112979766	Wenzel	670130	2000	Webster	Esquimau	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000345996926	276000345996926	Wepper	327234	2001	Webster	Cmv Mica	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001401485747	276001401485747	Werber	831089	2001	Webster	Manfred-ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000661492187	276000661492187	Werner	840554	2001	Webster	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000345391245	276000345391245	Weroline	255576	2000	Webster	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000766373593	276000766373593	Wesir	594346	1998	Winluke RF	Cadillac	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLFRAM004934539992	250004934539992	Westerlo	821291	2001	Webster	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579291915	276000579291915	Westerly	670262	2001	Webster	Belt	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401603428	276001401603428	Westlife	632314	2001	Webster	Design	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLDEUM000580251482	276000580251482	Westpoint	917069	2005	Westwind	Kian	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLFRAM003545820022	250003545820022	Westrum	327141	2001	Webster	Esquimau	H1N	H2N	H3P	H4N	H5N	CDN	MAR	
01	HOLDEUM000660838703	276000660838703	Westwind	830729	1998	Wade ET	Boy George	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000483992041	528000483992041	Whippet	832163	2007	Wildman	Emil	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000360107045	276000360107045	Whisky	833280	2017	Windmill	Yoder	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001403092146	276001403092146	Whitaker	832065	2007	Wildman	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000711163153	528000711163153	White	822463	2010	Niagra	Bolton	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
01	HOLDEUM000351069107	276000351069107	Wiborg	811151	2006	Wildman	Ford	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM001273400080	276001273400080	Widar	811265	2008	Watha	O-Man	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM001303117802	276001303117802	Wido	804113	2007	Wildman	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351486603	276000351486603	Widor	259775	2007	Wildman	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000342416810	276000342416810	Wigald	457982	1998	Wade ET	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001268128020	276001268128020	Wigald	821072	1998	Wade ET	Bellman ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348554772	276000348554772	Wikinger	465663	2005	Windows 2	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000116027868	276000116027868	Wilana	599402	2007	Wilg	Faber	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000768472673	276000768472673	Wilbes	764495	2007	Wildman	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
02	HOLDEUM000578734588	276000578734588	Wilborn	915488	2000	Wilson Red	Roels	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001401317207	276001401317207	Wilcox	830914	1999	Winchester	Lew	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000758086897	528000758086897	Wildboy	151531	2012	Wildthing	Alexander	H1P	H2N	H3P	H4N	H5N	CDF	VOST	CD Gentest
01	HOLDEUM001602438323	276001602438323	Wilder	840935	2008	Wildman	Mascol ET	H1N	H2N	H3N	H4N	H5N	CDN	LTR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLUSAM000053451957	840000053451957	Wilderness	822266	2007	Wildman	Finley	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000351069160	276000351069160	Wildfang	145593	2007	Wildman	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000662521832	276000662521832	Wildland	840857	2006	Wildman	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000580694255	276000580694255	Wildlife	675251	2007	Wildman	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLNLDM000480520212	528000480520212	Wildlife	840891	2007	Wildman	Allen	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351006615	276000351006615	Wildmar	840860	2007	Wildman	Lee	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351144082	276000351144082	Wilesco	832130	2007	Wildman	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351437259	276000351437259	Wilke	145565	2007	Wildman	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000350445299	276000350445299	Wilkinson	469066	2007	Wildman	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000112367469	276000112367469	Willi	595128	1999	Winluke RF	Caveman	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000350810573	276000350810573	William	259075	2006	Wildman	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000813803785	276000813803785	Wilnic	764179	2007	Wildman	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLCANM000010540151	124000010540151	Wilnius	503635	1998	Winchester	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001500815703	276001500815703	Wilsberg	822168	2006	Win 395	Steven	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLCANM000007816426	124000007816426	Wilson	503909	2006	F B I	Blitz	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000351006621	276000351006621	Wilson	804106	2007	Wildman	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000767910073	276000767910073	Wilson	810854	2001	Webster	Dannix	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350974499	276000350974499	Wilton	259380	2007	Wildman	Morty	H1P	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLFRAM005112412253	250005112412253	Winas	840420	1998	Winchester	Bluff	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001600889866	276001600889866	Winbeck ET	840472	1999	Winchester	Geoffry	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000485079120	528000485079120	Wincent	832178	2007	Wildman	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000127923839	840000127923839	Wincho_ET	505002	1999	Winchester	Luke	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000534762160	276000534762160	Wind	259373	2007	Wildman	Lancelot	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
02	HOLDEUM000111477622	276000111477622	Windbag	914360	1998	Winluke RF	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000342461150	276000342461150	Windeck	840448	1999	Winchester	Lasso	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000355446993	276000355446993	Windex	476168	2012	Windbrook	Mac	H1N	H2N	H3N	H4N	H5N	CDC	MAR	CD Gentest
01	HOLDEUM001401197549	276001401197549	Windfang	830932	1999	Winchester	Design	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404050681	276001404050681	Windgate	832604	2012	Windbrook	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001404050702	276001404050702	Windhalm	832621	2012	Windbrook	Laudan	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000578128518	276000578128518	Windhuk	915647	2000	Windbag	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000532758340	276000532758340	Windor	914173	1998	Winluke RF	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000348934736	276000348934736	Windrad	465764	2005	Windows 2	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343745483	276000343745483	Windsor	456511	1998	Wade ET	Cleitus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347047414	276000347047414	Windsor	255590	2001	Webster	Juror	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000346427242	276000346427242	Windspiel	461920	2002	Willstar	Metro	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000343516185	276000343516185	Windus	456973	1998	Wade ET	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLCANM000008932032	124000008932032	Wingert	330789	2006	Wildman	Allen	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLBELM000165126181	056000165126181	Winlaro	594377	1998	Winluke RF	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402161617	276001402161617	Winner	831442	2002	Windfang	Manat	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLFRAM005703164990	250005703164990	Winnetou	830801	1998	Winchester	Belt	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000223717626	528000223717626	Winny	830772	1999	Winchester	Jabot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000350103113	276000350103113	Winston	259020	2006	Wildman	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000533467450	276000533467450	Wintek	821250	2000	Winchester	Tesk	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348761842	276000348761842	Wirbelwind	465405	2005	Windows 2	Restar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349598983	276000349598983	Wiretto	329350	2004	Winston	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345391236	276000345391236	Wisconsin	255486	2000	Webster	Aeroline	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000115620102	276000115620102	Wiscun	597751	2006	Winner 2	Cared	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000124413995	840000124413995	Wish	504982	1998	Winchester	Nick	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLSWEM001917612122	752001917612122	Wisholm	831602	2003	Wizard	Esentation	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000345461775	276000345461775	Wisky	831066	2000	Winchester	Mascot	H1N	H2N	H3N	H4N	H5N	CDN	MAR	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000349463348	276000349463348	Witam	840714	2004	Wigald	James	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLNLDM000256642623	528000256642623	Withold	325676	1999	Wallace	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347213836	276000347213836	Wizzard	255575	2000	Webster	Cash	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000767826428	276000767826428	Wodan	810845	2001	Webster	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLDEUM000663325712	276000663325712	Wodino	599483	2009	Woody	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000535572625	276000535572625	Wolfsblut	917320	2009	Woody	September	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLNLDM000839403449	528000839403449	Woltermann	821067	1998	Wade ET	Dominator	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000535588783	276000535588783	Womax	917297	2009	Woody	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLCHEM120093664261	756120093664261	Won	823024	2011	Windbrook	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RA	CD Gentest
02	HOLDEUM000352651243	276000352651243	Wontorra	927042	2009	Woody	September	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLITAM097990030452	380097990030452	Wood	149957	2011	Woodstock	Ebro	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000861854934	528000861854934	World	501385	1994	Jabot	Ugela Bell	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLDEUM000769308596	276000769308596	Worldcup	472409	2009	Woody	Talent2	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342413605	276000342413605	Wunder	456676	1998	Wade ET	Jubilant	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLGBRM000000650181	826382702405081	X-Man	474901	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	MAR	CD Gentest
01	HOLDEUM000814489673	276000814489673	Xachos	766001	2010	Xacobeo	Janos	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000536744813	276000536744813	Xacos	822450	2010	Xacobeo	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000354597688	276000354597688	Xacowin	822475	2011	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000353004900	276000353004900	Xanadu	473395	2009	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000254226	208003061503945	Xandan	619007	2010	Xacobeo	Roumare	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLNLDM000546428609	528000546428609	Xandero	474159	2010	Xacobeo	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000532425829	528000532425829	Xani	811387	2010	Xacobeo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000769277902	276000769277902	Xano	677661	2010	Xacobeo	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000354672413	276000354672413	Xantana	333620	2011	Xacobeo	Jelder	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001403862378	276001403862378	Xantas	832539	2010	Xacobeo	Crew	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000769295765	276000769295765	Xanten	677308	2009	Xacobeo	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000664173801	276000664173801	Xapper	841021	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
01	HOLFRAM0002224159669	250002224159669	Xarol	841018	2010	Xacobeo	Roumare	H1N	H2N	H3N	H4P	H5N	CDF	Qnetics	CD Gentest
01	HOLDEUM000536745364	276000536745364	Xaroman	678323	2010	Xacobeo	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000353743664	276000353743664	Xaver	332859	2010	Xacobeo	Duplex	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000536644988	276000536644988	Xaver	261580	2010	Xacobeo	Gavor	H1N	H2N	H3N	H4N	H5N	CDF	OHG	CD Gentest
01	HOLDEUM001404050579	276001404050579	Xaverl	804282	2011	Xacobeo	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
01	HOLDEUM000352875242	276000352875242	Xavi	261099	2009	Xacobeo	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000254225	208004141201915	Xavi	149908	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000543414814	528000543414814	Xavier	841015	2010	Xacobeo	O-Man	H1N	H2N	H3P	H4N	H5N	CDN	Qnetics	
01	HOLDEUM000354562973	276000354562973	Xbox	261797	2011	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDNKM000000254140	208006880302614	Xeed	804275	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLDM000476113046	528000476113046	Xenon	677780	2010	Xacobeo	O-Man	H1P	H2N	H3P	H4N	H5N	CDN	RUW	
01	HOLNLDM000570646723	528000570646723	Xerox	149923	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLUSAM000062188710	840000062188710	Xerxes	469139	2006	Duplex	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000889819223	528000889819223	Xiras	811377	2010	Xacobeo	Goldwin	H1N	H2N	H3N	H4N	H5N	CDF	RBB	CD Gentest
01	HOLDEUM000353330120	276000353330120	Xmas	261171	2010	Xacobeo	Toystory	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000353545387	276000353545387	Xmas	333028	2010	Xacobeo	Mascal ET	H1N	H2N	H3N	H4P	H5N	CDF	MAR	CD Gentest
01	HOLNLDM000534705103	528000534705103	Xoldan	619017	2010	Xacobeo	Stol Joc	H1N	H2N	H3N	H4N	H5N	CDF	Qnetics	CD Gentest
02	HOLDEUM000533028613	276000533028613	Yachting	914693	1999	Yava	Cadillac	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000811285893	276000811285893	Yacomm	995414	1999	Yava	Command	H1P	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000122064109	276000122064109	Yahoo	571919	2016	Yoder	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000355730415	276000355730415	Yakari	476897	2012	Yorick	Super	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000073953491	840000073953491	Yakona	508162	2015	Yoder	Jacey	H1N	H2N	H3N	H4N	H5N	CDF	RSH/RA	CD Gentest
02	HOLDEUM001600711136	276001600711136	Yang	914508	1998	Yava	Rudi	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
02	HOLNLDM000249541546	528000249541546	Yaro	921776	1998	Yava	Koer 102	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	CD Gentest
01	HOLDEUM000540014372	276000540014372	Youth	685576	2018	Yoyo	Dozer	H1F	H2N	H3F	H4F	H5N	CDF	RUW	
02	HOLDEUM000112367467	276000112367467	Yow	595130	1999	Yava	Stollberg	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLDEUM000111441360	276000111441360	Yucca	594678	1998	Yava	Leader	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLUSAM000138111506	840000138111506	Z-Man	505990	2007	Zenith	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000733245581	528000733245581	Zabadak	473872	2010	Zabing	Mr.Burns	H1N	H2P	H3N	H4N	H5N	CDN	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000346639998	276000346639998	Zabadu	565770	2003	Zappa	Cash	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000341718846	276000341718846	Zabel	802579	2002	Zappa	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000114140295	276000114140295	Zabing	565916	2003	Zunder	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
02	HOLNLDM000530634322	528000530634322	Zabio	917338	2009	Zabing	Reno 2	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000536349637	276000536349637	Zabitz	917343	2010	Zabing	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000535051016	276000535051016	Zabrit	567489	2007	Zesty	Britt ET	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000341718846	276000341718846	Zacco	801007	1997	Zack	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000294804317	528000294804317	Zacco	921950	2000	Zandstar	Belltom RF	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLUSAM000134575216	840000134575216	Zackary	505543	2003	Marshall	Zack	H1N	H2N	H3P	H4N	H5N	CDN	ZBH	
01	HOLNLDM000707841771	528000707841771	Zadar	811371	2010	Zar	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD Gentest
01	HOLNLDM000399172737	528000399172737	Zadek	811102	2005	Zenith	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000921292302	528000921292302	Zadium	679589	2012	G-Force	Shottle	H1N	H2N	H3N	H4N	H5N	CDF	RUW	
01	HOLDEUM000341408143	276000341408143	Zador	138800	1997	Zack	Prelude	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001303811968	276001303811968	Zadran	804250	2010	Zar	Leif	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000535562812	276000535562812	Zafar	811259	2008	Zenith	Goldwin	H1N	H2N	H3N	H4N	H5N	CDP	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDNKM000000251893	208003372303372	Zafiro	330679	2007	Zenith	Merdrignac	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351487722	276000351487722	Zagreb	145551	2007	Zesty	Adam II	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM001503337223	276001503337223	Zalando	822478	2011	Zar	Bolton	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000251893	208003424202237	Zambo	635605	2007	Zesty	Morty	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001264207915	276001264207915	Zamboni	811208	2007	Zesty	Allen	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD 99% Traegerwahrscheinlichkeit
02	HOLDEUM000536011254	276000536011254	Zambrano	917326	2009	Zabing	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000533966593	276000533966593	Zamino	810974	2003	Zecher	Valentein	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLNLDM000446728980	528000446728980	Zamore	567471	2007	Zesty	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDNKM000000251162	208003372303512	Zamurat	832090	2007	Zenith	Eaton	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346273895	276000346273895	Zanardi	810941	2002	Zunder	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001301957180	276001301957180	Zander	802567	2002	Zappa	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLFRAM0005626246793	250005626246793	Zander	633757	2004	Zecher	Addison	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
02	HOLNLDM000545145466	528000545145466	Zander Red	832619	2012	Zambrano	Lawn Boy	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000251893	208003372303378	Zandi	822221	2007	Zenith	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000533829983	276000533829983	Zanetti	810960	2003	Zappa	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBB	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000533992800	276000533992800	Zanetti	671669	2003	Zappa	Gibbon	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000135992793	840000135992793	Zanzibar	505690	2004	Best	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000533913873	276000533913873	Zapato	840645	2003	Zappa	Webster	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001300167987	276001300167987	Zappa	800999	1996	Zack	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000113905971	276000113905971	Zar	802593	2003	Zappa	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	RA	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001501027904	276001501027904	Zarbax	822454	2010	Zar	Baxter 2	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346996029	276000346996029	Zarek	463561	2003	Zador	Lucky Leo	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLDM000422655183	528000422655183	Zarolino	811112	2006	Zenith	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
02	HOLBELM000100076225	056000100076225	Zarmax	917356	2010	Zabing	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000767726080	276000767726080	Zaros	915481	2000	Zandstar	Lord Lily	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000535011931	276000535011931	Zaster	822282	2007	Zenith	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000340206238	276000340206238	Zauberer	414382	1996	Zack	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000138477006	840000138477006	Zeal	674700	2007	Zesty	Finley	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000580694288	276000580694288	Zealand	675895	2007	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000813837128	276000813837128	Zebest	764532	2007	Zenith	Best	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001402854652	276001402854652	Zecari	831904	2006	Zenith	Ozzie	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601914268	276001601914268	Zechbo	840736	2004	Zecher	V Brando	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000577604324	276000577604324	Zecher	801025	1997	Zebo	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001303584079	276001303584079	Zechlin	804212	2009	Zar	Zesty	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579896242	276000579896242	Zecho	840700	2003	Zecher	Tanker	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000579893884	276000579893884	Zediko	840679	2003	Zecher	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000341724555	276000341724555	Zedor	810519	1996	Zack	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000534096733	276000534096733	Zeeland	762700	2004	Zecher	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLAUTM000418617409	040000418617409	Zeemann	832027	2006	Zenith	Downson	H1P	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114857412	276000114857412	Zefir	804039	2006	Zenith	Sinatra	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000116627260	276000116627260	Zeidler	568565	2009	Zar	Goldwin	H1N	H2N	H3P	H4N	H5N	CDC	RSH	CD Gentest
01	HOLDEUM000813306087	276000813306087	Zejud	764043	2005	Zenith	Judge	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDNKM000000248126	208002519201787	Zekas	633511	2004	Zecher	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000662159630	276000662159630	Zelder	821379	2002	Zunder	Knockout	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001601873479	276001601873479	Zeke	822155	2005	Zenith	Aerness ET	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000580326842	276000580326842	Zeller	802677	2004	Zecher	Skywalker	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLNLDM000499097422	528000499097422	Zellini	923324	2009	Zabing	Classic PS	H1N	H2N	H3N	H4N	H5N	CDN	Qnetics	
01	HOLDEUM001402499342	276001402499342	Zelter	831751	2004	Zenith	Encore	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDNKM000000250293	208003372303181	Zeman	811136	2006	Zenith	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RBB	
01	HOLUSAM000063026647	840000063026647	Zemonzo	505998	2007	Zesty	Morty	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000351110770	276000351110770	Zemos	259920	2007	Zesty	Ramos	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM000813803857	276000813803857	Zemp	764795	2008	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	Memminge	
01	HOLDEUM000115683130	276000115683130	Zempin	568513	2007	Zesty	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLNLDM000477816603	528000477816603	Zemun	675102	2007	Zesty	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RUW	
01	HOLUSAM000135773363	840000135773363	Zenas	505677	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM001601994492	276001601994492	Zenato	831981	2006	Zenith	Marshall	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM000535657051	276000535657051	Zendan	676824	2008	Zenith	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000662798290	276000662798290	Zendeck	635019	2006	Zenith	Paradox	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000348082469	276000348082469	Zendro	464456	2004	Zecher	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601659916	276001601659916	Zendro	840688	2003	Zenith	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350597933	276000350597933	Zenelli	468296	2006	Zenith	Good	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601659910	276001601659910	Zenjo	840685	2003	Zenith	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLCANM000104349424	124000104349424	Zenker	822236	2007	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001400852764	276001400852764	Zenko	830675	1998	Zebo	Leadman	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000116151016	276000116151016	Zenobis	568514	2007	Zesty	Morty	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001602165777	276001602165777	Zenomo	840822	2006	Zenith	Champion	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000340100850	276000340100850	Zenon	810497	1996	Zack	Blackstar	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350081161	276000350081161	Zenon	804040	2006	Zenith	Jasper	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000348793701	276000348793701	Zenrik	634669	2005	Zenith	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000580581702	276000580581702	Zenson	764174	2006	Zenith	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001401861582	276001401861582	Zensor	831616	2004	Zenith	Eland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001601659911	276001601659911	Zensurio	840687	2003	Zenith	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000248120	208002371401503	Zent	633515	2004	Zecher	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	ZBH	
01	HOLDEUM000534979500	276000534979500	Zentall	676021	2008	Zenith	Gibor	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM001601659924	276001601659924	Zentino	840689	2003	Zenith	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDNKM000000251124	208003372303417	Zentis	822239	2007	Zenith	Emerson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLSWEM008135483376	752008135483376	Zentor	831885	2005	Zenith	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346535360	276000346535360	Zentrum	462776	2002	Zunder	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001301810088	276001301810088	Zentrum	802573	2002	Zappa	Basar	H1N	H2N	H3N	H4N	H5N	CDN	RA	

Rasse (Breed) 01=Schwarzbunt (German Holsteins), 02=Rotbunt (German Red Holsteins)

Haplotypen: (Sortierung Name)
 Rasse: Schwarz- und Rotbunt
 ZWS Termin: 04.12.2018

DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000113905974	276000113905974	Zentus	565793	2003	Zappa	Amaretto	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM001402779178	276001402779178	Zepal	831966	2006	Zenith	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLUSAM000136574574	840000136574574	Zephyr	505842	2005	Marshall	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000347557493	276000347557493	Zeppelin	810924	2002	Zunder	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000349337553	276000349337553	Zeppelin	802628	2004	Zecher	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDNKM000000252711	208003372303825	Zeppelin	506193	2008	Zenith	O-Man	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM001302276160	276001302276160	Zepter	802641	2004	Zecher	Gelpro	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001402372961	276001402372961	Zepter	831690	2004	Zenith	Eland	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346772065	276000346772065	Zergio	142240	2003	Zappa	Lee	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000351304941	276000351304941	Zerit	145581	2007	Zesty	Marshal ET	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLDEUM000813803831	276000813803831	Zeriv	764693	2007	Zesty	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBW	
01	HOLDEUM001500163817	276001500163817	Zerves	811013	2004	Zappa	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000662894495	276000662894495	Zeslok	840869	2007	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	LTR	
01	HOLDEUM000350354320	276000350354320	Zestan	330761	2007	Zesty	Laudan	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000115932393	276000115932393	Zestful	675534	2007	Zesty	Jurmel ET	H1N	H2N	H3N	H4N	H5N	CDN	RUW	CD Gentest
01	HOLNLD000358040291	528000358040291	Zestiny	470342	2007	Zesty	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000351567851	276000351567851	Zetel	148008	2007	Zesty	Theo	H1N	H2N	H3N	H4P	H5N	CDN	VOST	
01	HOLDEUM000113714075	276000113714075	Zett	565701	2002	Zunder	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000813598555	276000813598555	Zeuge	470202	2006	Zenith	Talent2	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLDEUM001270490109	276001270490109	Zeuge	804148	2007	Zenith	Finley	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346639987	276000346639987	Zeugnis	463035	2003	Zunder	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000535138593	276000535138593	Zeus	260440	2008	Zesty	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	OHG	
01	HOLDEUM000768366374	276000768366374	Zeven	672235	2003	Zecher	Jesther	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000579973297	276000579973297	Zevio	672236	2003	Zecher	Jocko Besn	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM00066696272	276000666696272	Zevon P	811559	2015	Zumba	Lexor	H1F	H2N	H3F	H4F	H5N	CDN	RBB	CD Gentest
01	HOLDEUM000346639983	276000346639983	Zewa	463034	2003	Zappa	Cash	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000487467543	528000487467543	Zewell	832170	2007	Zenith	Shottle	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000342919139	276000342919139	Zick Zack	325438	1998	Zack	Valvano ET	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM0001502398128	2760001502398128	Zidan	822312	2008	Zesty	Titanic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001302894395	276001302894395	Ziesar	804095	2006	Zenith	Celsius	H1N	H2N	H3N	H4N	H5N	CDN	RA	
02	HOLDEUM000578900534	276000578900534	Zillo	460216	2000	Zandstar	Kom Leader	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662634252	276000662634252	Zimbal	831790	2005	Zenith	Storm	H1N	H2N	H3N	H4N	H5N	CDP	MAR	CD 99% Traegerwahrscheinlichkeit
01	HOLNLD000478927557	528000478927557	Zimmermann	469228	2007	Zesty	Forbidden	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000114316242	276000114316242	Zimpall	672322	2003	Ramos	Patrick	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLUSAM000134592075	840000134592075	Zinfandel	505511	2003	Merchant 2	Mandel	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM00066826727	27600066826727	Zinnboy PP	619137	2015	Zumba	Mitar PP	H1F	H2N	H3F	H4F	H5N	CDN	Qnetics	CD Gentest
01	HOLDEUM001402795030	276001402795030	Zins	831832	2005	Zinfandel	Starleader	H1N	H2P	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001402705139	276001402705139	Zinto	831820	2005	Zinfandel	Storm	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLNLD000399172720	528000399172720	Zion	804027	2005	Zenith	Morty	H1P	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000134487289	840000134487289	Zip	505576	2003	Magna	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000346859833	276000346859833	Zirkon	802601	2003	Zappa	Lee	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000062775448	840000062775448	Zisko	822234	2007	Zesty	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000579790862	276000579790862	Zitat	821383	2002	Zunder	Fatal	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM001405375364	276001405375364	Zittau PP	833196	2016	Zumba	Relief P	H1F	H2N	H3F	H4F	H5N	CDN	MAR	CD Gentest
01	HOLDEUM000350456949	276000350456949	Zizou	144492	2006	Zenith	Capri	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLFRAM002941260524	250002941260524	Zlatan	811168	2007	Zesty	Stormatic	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLFRAM008841105582	250008841105582	Zobel	822156	2005	Zenith	Downson	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLNLD000480520135	528000480520135	Zocker	822237	2007	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLUSAM000135773345	840000135773345	Zodiac	505704	2004	Best	Durham	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000662924889	276000662924889	Zolkan	811193	2007	Zesty	Riverland	H1N	H2N	H3N	H4N	H5N	CDN	RBB	

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DEU KB Bullen
 typisierte Bullen



Haplotypen: (sort order by name)
 Breed: German (Red) Holsteins
 Date of Evaluation: 12/04/2018

German AI bulls
 genotyped bulls



Rasse breed	Interbull-ID Interbull-ID	LOM NationalID	Name name	HB-Nr. herdb.No.	Gebj born	Vater sire	M-Vater MGS	HH1 HH1	HH2 HH2	HH3 HH3	HH4 HH4	HH5 HH5	CDH CDH	Besitzer owner	Zusatzinformation additional information
01	HOLDEUM000579623764	276000579623764	Zoltan	327788	2002	Zunder	Lee	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000813803835	276000813803835	Zonin	675907	2007	Zesty	Champion	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLITAM019500274586	380019500274586	Zonta	810877	2001	Zicostar	Storm	H1N	H2N	H3N	H4N	H5N	CDN	RBB	
01	HOLDEUM000350497784	276000350497784	Zoom	144471	2006	Zenith	Lukas	H1N	H2N	H3N	H4N	H5N	CDN	VOST	
01	HOLNLDM000498666593	528000498666593	Zorro	804166	2008	Zesty	Stormatic	H1N	H2N	H3P	H4N	H5N	CDN	RA	
01	HOLDEUM000538910943	276000538910943	Zorro P	682273	2015	Zumba	Headliner	H1F	H2N	H3F	H4F	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000114429571	276000114429571	Zubelino	671841	2003	Zunder	Preval	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
02	HOLDEUM000769372302	276000769372302	Zubelino	599481	2009	Zabing	Marmax RF	H1N	H2N	H3N	H4N	H5N	CDF	RSH	CD Gentest
01	HOLDEUM000579790892	276000579790892	Zucco	671552	2003	Zunder	Convincer	H1N	H2N	H3N	H4N	H5N	CDN	RUW	
01	HOLDEUM000113905984	276000113905984	Zudux	565904	2003	Zappa	Ladin	H1N	H2N	H3N	H4N	H5N	CDN	RSH	
01	HOLDEUM000341821381	276000341821381	Zulu	414387	1996	Zack	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM001405153837	276001405153837	Zuma PP	833182	2016	Zumba	Transforme	H1F	H2N	H3F	H4F	H5N	CDF	MAR	CD Gentest
01	HOLDEUM001500058043	276001500058043	Zunder	820416	1996	Zack	Aerostar	H1N	H2N	H3N	H4N	H5N	CDN	RA	
01	HOLDEUM000346273894	276000346273894	Zundro	462487	2002	Zunder	Rudolph	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000346742837	276000346742837	Zunfit	462779	2002	Zunder	Winchester	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000348230874	276000348230874	Zupfer	463863	2003	Zunder	Bestow	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000579794178	276000579794178	Zuron	794350	2003	Zunder	Aaron	H1N	H2N	H3N	H4N	H5N	CDN	Greifenb	
01	HOLDEUM000346491720	276000346491720	Zuspruch	463022	2002	Zunder	Bonatus	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
02	HOLNLDM000866664321	528000866664321	Zwaatinus	917456	2012	Rupie	Fiction	H1N	H2N	H3N	H4N	H5N	CDF	RUW	CD Gentest
01	HOLDEUM000346492574	276000346492574	Zwiesel	463030	2002	Zunder	Bellwood	H1N	H2N	H3N	H4N	H5N	CDN	MAR	
01	HOLDEUM000349086378	276000349086378	Zyano	821395	2003	Zunder	Jocko Besn	H1N	H2N	H3N	H4P	H5N	CDN	RA	
01	HOLNLDM000468209320	528000468209320	Zyran0	831811	2006	Zenith	Magna	H1N	H2N	H3N	H4N	H5N	CDN	MAR	