

A2A2 HOLSTEIN SIRES

NAAB order

BullCode	Sire Name	TPI	NM\$
11H012342	AltaCURRY	2830	972
11H012329	AltaMAUI	2826	878
11H012316	AltaORINOCO	2768	902
11H012315	AltaMEDERA	2834	884
11H012308	AltaGRUNGE	2837	913
11H012288	AltaMAYAN	2769	909
11H012287	AltaEDIFY	2784	942
11H012285	AltaNIXIE	2820	931
11H012281	AltaTIGRE	2783	886
11H012280	AltaPOSH	2767	858
11H012277	AltaMOCON	2751	930
11H012270	AltaMANOR	2783	880
11H012264	AltaABBA	2815	858
11H012263	AltaPINETTA	2705	930
11H012261	AltaSIZZLER	2832	940
11H012258	AltaSTAFFORD	2761	927
11H012255	AltaZZZ	2741	936
11H012246	AltaTBAY	2668	907
11H012235	AltaGINGER	2691	751
11H012226	AltaLANSING	2773	878
11H012225	AltaLOU P	2618	723
11H012220	AltaTHOR PP	2501	681
11H012219	AltaZAREK	2846	998
11H012211	AltaVELVET	2778	809

BullCode	Sire Name	TPI	NM\$
11H012208	AltaKADERO	2666	779
11H012204	AltaASIF	2554	808
11H012197	AltaBIGBOY	2687	888
11H012191	AltaKEUCHEL	2715	906
11H012188	AltaCUCHILLO	2785	867
11H012183	AltaFASTTRACK	2745	887
11H012178	AltaHOTHAND	2837	904
11H012177	AltaSEVERINO	2683	806
11H012171	AltaLACKEY	2687	765
11H012168	AltaGILMORE	2707	968
11H012161	AltaAROLDIS	2793	957
11H012159	AltaLIAISON	2857	964
11H012151	AltaSCION	2755	834
11H012147	AltaSUMMIT	2636	806
11H012138	AltaEMOJI	2689	749
11H012131	AltaSTOKED	2766	893
11H012126	AltaIVANHOE	2659	836
11H012124	AltaGOPRO	2791	875
11H012105	AltaRAPIDO	2617	766
11H012101	AltaTRIUNE	2724	861
11H012100	AltaXANTOS	2670	829
11H012098	AltaREX PP	2462	651
11H012088	AltaACTOR	2645	709
11H012083	AltaANTONIO	2771	885

BullCode	Sire Name	TPI	NM\$
11H012082	AltaDPORT	2699	857
11H012072	AltaTNT	2632	725
11H012061	AltaCOLUMBIA	2659	771
11H012060	AltaOSCAR	2673	728
11H012053	AltaCOMFORT	2633	746
11H012052	AltaKALISPELL	2645	815
11H012038	AltaNYGEL	2540	586
11H012033	AltaRESERVE	2621	730
11H012030	AltaMEDIAN	2535	740
11H012026	AltaMIKLO	2602	820
11H012000	AltaREVIS	2552	694
11H011991	AltaVIKING	2590	711
11H011970	AltaJABBA	2620	751
11H011957	AltaDOSSIER	2659	835
11H011939	AltaMELVIN	2552	684
11H011933	AltaDROID	2616	780
11H011911	AltaDOOZER	2609	783
11H011908	AltaCLOUT	2485	594
11H011905	AltaFANTASTIC	2565	728
11H011904	AltaPAYOFF	2536	726
11H011903	AltaTALISMAN	2531	732
11H011892	AltaMAESTRO	2577	769
11H011888	AltaDURST	2516	681
11H011877	AltaSTAMP P	2409	607

Cows' milk is about 87 percent water and 13 percent solids. Those solids are a combination of lactose (milk sugar), fat, protein, and minerals.

If you focus in on the protein within milk, the major component of that milk protein is called casein. One type of casein within milk is beta casein. There are two different beta casein genes that cattle can have - A1 or A2. These two types of beta casein are found at two different locations, so any given bovine will be either A1A1, A1A2 or A2A2 for beta casein.

Why does this matter?

Studies have found that when a person drinks milk, digestive enzymes interact with A1 and A2 beta-casein proteins in different ways, so they are processed differently within the body. Some believe the A2 gene is more natural, and therefore more healthy. That has led to a recent consumer demand for A2A2 milk.

True A2 milk can only be produced from cattle possessing the A2 gene at both locations. So the one and only determining factor that determines whether milk is A1 or A2 lies in the genetic make-up of the animal producing the milk.

The Jersey breed has a slightly higher proportion of animals with the A2A2 genes. However, if you are a Holstein producer who could receive a premium for A2 milk, you can see from this extensive list of A2A2 sires that you don't have to sacrifice much in terms of genetics or switch breeds to attain that A2 gene preferred by consumers in some parts of the world.



A2A2 HOLSTEIN SIRES

NAAB order (continued)

BullCode	Sire Name	TPI	NM\$
11H011849	AltaLAUTALOVE	2465	697
11H011843	AltaCAYENNE	2600	667
11H011842	AltaRODIN	2510	721
11H011839	AltaDAGGER	2564	665
11H011838	AltaKARMA	2633	802
11H011837	AltaCOMPASS	2475	656
11H011831	AltaHOGAN	2437	601
11H011828	AltaSPICE P	2606	687
11H011825	AltaBRODY	2549	669
11H011824	AltaKADE	2552	747
11H011810	AltaCOBY	2532	678
11H011803	AltaEXTRA	2489	678
11H011799	AltaFATE	2490	672
11H011797	AltaSKY	2527	779
11H011794	AltaKERSHAW	2651	746
11H011793	AltaKEYNOTE	2606	798
11H011786	AltaFAD	2392	679
11H011784	AltaBAYOU	2592	817
11H011780	AltaEDDIE	2629	793
11H011779	AltaTOPSHOT	2707	930
11H011778	AltaROBSON	2789	907
11H011766	AltaGOTHAM	2530	623
11H011765	AltaGARCIA	2492	656
11H011758	AltaNIXER	2697	895
11H011749	AltaCRAIG	2676	824
11H011747	AltaEXEMPLAR	2428	632
11H011741	AltaCAPO	2593	719
11H011736	AltaRECOIL	2756	820
11H011725	AltaAMULET	2653	781
11H011723	AltaTRUM PP	2214	424
11H011716	AltaJOEBOT	2566	768
11H011715	AltaFRIDAY	2533	762

BullCode	Sire Name	TPI	NM\$
11H011707	AltaCORDIAL	2584	706
11H011706	AltaHELICON	2589	742
11H011704	Alta1STLOOK	2407	686
11H011693	AltaWYNN	2456	580
11H011686	AltaVISIONARY	2377	571
11H011682	AltaFUNKY	2394	609
11H011679	AltaILLUSION	2278	499
11H011672	AltaKERMIT	2578	665
11H011669	AltaJONAH	2473	705
11H011663	AltaSUBLIME	2503	733
11H011655	AltaMARLON	2566	674
11H011654	AltaMITCHUM	2488	659
11H011652	AltaLAMBEAU	2472	606
11H011650	AltaFIREUP	2483	730
11H011644	AltaLOGAN	2290	419
11H011640	AltaFEATURE	2435	596
11H011630	AltaMORENO	2586	702
11H011627	AltaR8	2337	505
11H011615	AltaCHASE	2403	580
11H011609	AltaSOUSA	2404	628
11H011607	AltaSUPERSTAR	2409	539
11H011598	AltaMENTO	2534	661
11H011596	AltaNEWMAN	2461	700
11H011593	AltaJAVIER	2266	475
11H011579	AltaJETHRO	2418	630
11H011578	AltaBARISTA	2339	549
11H011571	AltaHEWN	2317	397
11H011570	AltaMONETARY	2410	642
11H011567	AltaFLAMENCO	2400	591
11H011566	AltaFOUNDER	2460	613

BullCode	Sire Name	TPI	NM\$
11H011564	AltaDISCO	2343	513
11H011563	AltaHUEGRANT	2409	514
11H011549	AltaSHOCK	2413	665
11H011532	AltaBANCO	2417	581
11H011531	AltaSABRE	2624	690
11H011506	AltaYURA	2443	725
11H011499	AltaMEGLO	2572	809
11H011493	AltaHOTROD	2616	668
11H011475	AltaSKETCH	2314	506
11H011464	AltaGOLIATH	2301	601
11H011444	AltaWISHIN	2388	695
11H011437	AltaSPRING	2663	750
11H011422	AltaJAKE	2506	605
11H011405	AltaKADO	2221	392
11H011396	AltaSTALWART	2418	635
11H011379	AltaRABO	2490	641
11H011372	AltaNEEDLE P	2117	402
11H011369	AltaPRIMO	2409	625
11H011353	AltaGRAVITY	2408	686
11H011337	AltaCAIN	2478	686
11H011314	AltaENTRUST	2477	694
11H011302	AltaALPHA	2362	593
11H011283	AltaMERCİ	2401	688
11H011272	AltaGILCREST	2395	613
11H011118	AltaCEO	2041	262
11H011100	AltaEVERGLADE	2343	538
11H010661	AltaMETEOR	2094	375
11H000587	AltaWI-RED	2492	647
11H000582	AltaUP P-RED	2275	496



A2A2 JERSEY SIRES

NAAB order

BullCode	Sire Name	TPI	NM\$
11JE01366	AltaRASHFORD {4}	211	658
11JE01365	AltaBALE {4}	199	634
11JE01358	AltaPIPELINE {3}	174	546
11JE01355	AltaAPLUS {3}	156	484
11JE01352	AltaFULLBLD	171	557
11JE01351	AltaFORTUNE {3}	150	480
11JE01349	AltaROZIER {3}	192	636
11JE01348	AltaZIZIC {4}	214	696
11JE01347	AltaSKYHIGH {3}	158	477
11JE01345	AltaGIANNIS {4}	182	579
11JE01342	AltaCABRERA {3}	152	484
11JE01339	AltaGRONK {4}	182	584
11JE01338	AltaRICHT {5}	166	537
11JE01336	AltaSHOCKEY {3}	158	545
11JE01330	AltaLEMOR {3}	158	477
11JE01329	AltaWISHBONE {4}	150	493
11JE01327	AltaRAZZLES {3}	145	460
11JE01326	AltaCHIVE	156	470
11JE01323	AltaAFFIRM	149	468
11JE01320	AltaBLITZ	148	474

BullCode	Sire Name	TPI	NM\$
11JE01318	AltaCAJUN	140	418
11JE01310	AltaMERLIN	98	342
11JE01309	WILLOW	120	391
11JE01304	CAMO {4}	120	411
11JE01297	COGSWORTH	121	387
11JE01294	VALERGO-PP	118	409
11JE01289	MATE {5}	134	431
11JE01288	RING {4}	106	361
11JE01286	CRAYOLA	119	405
11JE01285	MEMPHIS {6}	92	310
11JE01277	MATLOCK {6}	132	417
11JE01274	BOWTIE	137	410
11JE01271	COOLCAT	117	362
11JE01270	CORONADO	123	394
11JE01259	STEVE	146	499
11JE01258	BRAVO	85	233
11JE01256	FRITZ {5}	72	238
11JE01253	DAPPER	135	431
11JE01252	FIREFOX	121	431
11JE01249	WARRIOR-P	105	347

BullCode	Sire Name	TPI	NM\$
11JE01248	PIERRE-P	94	308
11JE01245	MOON	108	354
11JE01237	JOVIAL	53	146
11JE01220	RAZZ	122	454
11JE01213	RUFUS	103	291
11JE01211	IVORY	171	539
11JE01207	CHEKELO	141	458
11JE01193	SANTANA	108	291
11JE01186	ISAAC	139	442
11JE01179	VICEROY	197	652
11JE01168	MESCHACH-P	97	326
11JE01165	LARIS	95	290
11JE01151	BRIER	120	409
11JE01147	SANTIAGO	117	415
11JE01140	LADD	63	194
11JE01122	LAYNE	86	285
11JE01118	MARVEL	103	370
11JE00978	KARBALA	71	224
11JE00968	APPLEJACK	16	8

