

# A2A2 HOLSTEIN SIRES

NAAB order

BullCode	Sire Name	CP	TPI	NM\$
011H012072	AltaTNT		2705	789
011H012052	AltaKALISPELL		2731	900
011H012038	AltaNYGEL		2600	690
011H012033	AltaRESERVE		2726	822
011H012030	AltaMEDIAN		2667	837
011H012026	AltaMIKLO		2559	789
011H012000	AltaREVIS		2676	784
011H011991	AltaVIKING		2725	834
011H011970	AltaJABBA		2693	803
011H011957	AltaDOSSIER		2624	782
011H011939	AltaMELVIN		2620	759
011H011933	AltaDROID		2673	832
011H011913	AltaSPARK		2546	704
011H011911	AltaDOOZER		2603	775
011H011908	AltaCLOUT		2523	660
011H011905	AltaFANTASTIC		2473	692
011H011904	AltaPAYOFF		2587	769
011H011903	AltaTALISMAN		2558	724
011H011892	AltaMAESTRO		2567	763
011H011888	AltaDURST		2640	744
011H011877	AltaSTAMP P		2546	706
011H011856	AltaLABEL		2560	769
011H011849	AltaLAUTALOVE		2427	690
011H011843	AltaCAYENNE		2599	718
011H011842	AltaRODIN		2526	720
011H011839	AltaDAGGER	CP	2535	691
011H011838	AltaKARMA		2634	783
011H011837	AltaCOMPASS	CP	2614	740
011H011835	AltaCADET		2541	759
011H011828	AltaSPICE P		2565	658
011H011825	AltaBRODY		2462	651
011H011824	AltaKADE	CP	2521	715
011H011816	AltaLERADO		2577	750
011H011810	AltaCOBY		2486	682
011H011803	AltaEXTRA	CP	2638	799
011H011799	AltaFATE		2534	681
011H011797	AltaSKY	CP	2546	759
011H011794	AltaKERSHAW		2564	700
011H011793	AltaKEYNOTE		2600	769
011H011786	AltaFAD	CP	2383	689
011H011784	AltaBAYOU	CP	2609	820
011H011780	AltaEDDIE	CP	2613	737

BullCode	Sire Name	CP	TPI	NM\$
011H011779	AltaTOPSHOT		2634	863
011H011778	AltaROBSON	CP	2740	875
011H011766	AltaGOTHAM		2513	636
011H011765	AltaGARCIA		2484	683
011H011758	AltaNIXER	CP	2686	887
011H011755	COMBINE		2339	583
011H011749	AltaCRAIG		2663	824
011H011747	AltaEXEMPLAR	CP	2500	713
011H011741	AltaCAPO		2624	764
011H011736	AltaRECOIL	CP	2672	737
011H011725	AltaAMULET	CP	2714	814
011H011723	AltaTRUM PP		2175	395
011H011716	AltaJOEBOT	CP	2558	741
011H011715	AltaFRIDAY		2525	738
011H011707	AltaCORDIAL	CP	2591	699
011H011706	AltaHELICON	CP	2600	719
011H011704	Alta1STLOOK	CP	2453	728
011H011693	AltaWYNN	CP	2539	672

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 determining 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	CP	TPI	NM\$
011H011686	AltaVISIONARY	CP	2419	602
011H011682	AltaFUNKY	CP	2397	605
011H011679	AltaILLUSION		2358	587
011H011672	AltaKERMIT	CP	2613	709
011H011669	AltaJONAH	CP	2507	753
011H011663	AltaSUBLIME	CP	2481	709
011H011655	AltaMARLON		2569	668
011H011654	AltaMITCHUM	CP	2524	687
011H011652	AltaLAMBEAU	CP	2570	664
011H011650	AltaFIREUP	CP	2547	774
011H011648	AltaDGATE		2272	424
011H011647	AltaGOLFR	CP	2396	565
011H011644	AltaLOGAN		2292	466
011H011640	AltaFEATURE	CP	2460	657
011H011632	AltaTWIX		2349	557
011H011630	AltaMORENO		2705	785
011H011627	AltaR8		2397	572
011H011615	AltaCHASE	CP	2434	627
011H011614	AltaFIREBIRD		2436	680
011H011613	AltaZ28	CP	2387	604
011H011609	AltaSOUSA	CP	2456	694
011H011607	AltaSUPERSTAR	CP	2475	622
011H011606	AltaLIDO		2445	562
011H011605	AltaWILD P		2174	462
011H011603	AltaREMAND	CP	2304	594
011H011598	AltaMENTO	CP	2519	678
011H011596	AltaNEWMAN	CP	2487	704
011H011593	AltaJAVIER		2311	541
011H011579	AltaJETHRO	CP	2472	658
011H011578	AltaBARISTA		2329	531
011H011576	AltaMAXIM		2245	461
011H011571	AltaHEWVN		2291	428
011H011570	AltaMONETARY		2396	646
011H011567	AltaFLAMENCO	CP	2453	624
011H011566	AltaFOUNDER	CP	2501	653
011H011564	AltaDISCO	CP	2405	554

BullCode	Sire Name	CP	TPI	NM\$
011H011563	AltaHUEGRANT	CP	2403	556
011H011558	AltaCOSMO		2416	671
011H011556	AltaCHACHA	CP	2353	582
011H011553	AltaXRAY		2338	596
011H011552	AltaBANJO	CP	2254	529
011H011550	AltaILLINI P		2239	447
011H011549	AltaSHOCK	CP	2457	723
011H011548	AltaVANITY	CP	2256	565
011H011539	AltaBACALA		2485	660
011H011536	AltaSHANY	CP	2364	554
011H011532	AltaBANCO	CP	2477	652
011H011531	AltaSABRE	CP	2565	690
011H011530	AltaROLF		2355	647
011H011517	AltaHI-C		2288	544
011H011511	AltaREVOLVER	CP	2357	500
011H011506	AltaYURA		2440	700
011H011504	AltaHUGH		2405	517
011H011500	AltaCUEBALL PP	CP	1963	292
011H011499	AltaMEGLO	CP	2459	711
011H011493	AltaHOTROD	CP	2381	566
011H011491	AltaBUCK		2276	500
011H011475	AltaSKETCH	CP	2333	514
011H011470	AltaDAY	CP	2239	532
011H011464	AltaGOLIATH	CP	2250	531
011H011457	AltaBLOOMBERG		2402	612
011H011450	AltaMALFI	CP	2398	637
011H011444	AltaWISHIN	CP	2369	644
011H011437	AltaSPRING		2622	684
011H011422	AltaJAKE	CP	2479	598
011H011406	AltaMOPAN	CP	2323	478
011H011405	AltaKADO	CP	2304	497
011H011396	AltaSTALWART	CP	2401	630
011H011389	AltaGENUITY	CP	2292	531
011H011383	AltaCHATTER	CP	2145	394
011H011379	AltaRABO	CP	2505	645
011H011375	AltaHOMERIC	CP	2048	319

BullCode	Sire Name	CP	TPI	NM\$
011H011372	AltaNEEDLE P	CP	2107	388
011H011369	AltaPRIMO	CP	2465	681
011H011353	AltaGRAVITY		2377	644
011H011337	AltaCAIN	CP	2490	694
011H011324	AltaROCKNROLL		2206	552
011H011323	AltaSHELBY		2170	431
011H011316	AltaBETTMAN	CP	2300	566
011H011314	AltaENTRUST	CP	2457	648
011H011302	AltaALPHA		2376	619
011H011293	AltaECHELON	CP	2375	526
011H011283	AltaMERCY	CP	2406	675
011H011272	AltaGILCREST		2440	638
011H011268	AltaRENEGADE	CP	2359	673
011H011225	AltaPLENTIFUL	CP	2232	480
011H011224	AltaTERRA	CP	2306	605
011H011163	AltaPRIVILEGE	CP	2163	489
011H011154	AltaHALEY		2059	328
011H011118	AltaCEO	CP	2002	237
011H011100	AltaEVERGLADE	CP	2391	567
011H011072	AltaNATURAL		2085	360
011H011063	AltaSUSTAIN		2160	376
011H010928	AltaGREATEST		2356	644
011H010908	AltaFAIRWAY	CP	2217	571
011H010837	AltaCEASAR	CP	2176	407
011H010661	AltaMETEOR		2153	394
011H010360	AltaAVALON	CP	2007	164
011H000582	AltaUP P-RED		2297	526
011H000575	AltaTD-RED		2192	407
011H000569	AltaDO-RED		1948	310



# A2A2 JERSEY SIRES

NAAB order

BullCode	Sire Name	CP	TPI	NM\$
011JE01329	AltaWISHBONE {4}		159	497
011JE01327	AltaRAZZLES {3}		170	556
011JE01326	AltaCHIVE		157	487
011JE01323	AltaAFFIRM		168	544
011JE01320	AltaBLITZ		172	596
011JE01318	AltaCAJUN		145	445
011JE01310	AltaMERLIN		110	354
011JE01309	WILLOW		129	407
011JE01304	CAMO {4}		165	560
011JE01294	VALERGO-PP	CP	119	408
011JE01293	ROWDY {4}		148	472
011JE01274	BOWTIE		145	483
011JE01259	STEVE	CP	157	537
011JE01215	PIPER		95	313
011JE01214	VINNY		112	413
011JE01213	RUFUS	CP	85	260
011JE01211	IVORY		161	545
011JE01204	TRAJECTORY	CP	128	421
011JE01196	NIXON		60	162
011JE01195	MALACHI	CP	96	355

BullCode	Sire Name	CP	TPI	NM\$
011JE01193	SANTANA		97	304
011JE01192	MORRIS		130	438
011JE01186	ISAAC	CP	138	442
011JE01184	VERN-P	CP	142	471
011JE01179	VICEROY	CP	198	656
011JE01174	DIVOT		126	422
011JE01168	MESCHACH-P		88	308
011JE01165	LARIS	CP	108	345
011JE01163	CREDENTIAL {6}		149	521
011JE01152	REGAL	CP	146	450
011JE01151	BRIER	CP	112	377
011JE01147	SANTIAGO	CP	107	354
011JE01140	LADD	CP	76	238
011JE01122	LAYNE	CP	94	327
011JE01118	MARVEL	CP	107	386
011JE01117	MARCIN		140	494
011JE01114	PERFORM	CP	79	272
011JE00978	KARBALA	CP	71	235
011JE00968	APPLEJACK	CP	25	28
011JE00944	PAUL		77	231

