

OUTCROSS SIRES

HOLSTEIN – NAAB order

Bull Code	Name	CP	Pedigree	TPI	NM\$	Milk	Pro	Fat	PTAT	UDC	FLC	SCS	PL	LIV	DPR	SCE	SSB	A2A2
11H012316	AltaORINOCO		ELDORADO X DENVER	2742	879	1632	71	92	1.86	1.60	1.54	2.92	5.2	1.4	1.6	6.7	6.6	✓
11H012220	AltaTHOR PP		ANSWER PO X OHIO STYLE P	2459	643	1200	54	51	1.24	1.58	1.43	3.06	4.2	1.2	2.7	7.1	6.7	✓
11H012174	AltaEXPLOSION		AltaROBSON X MONTROSS	2807	999	1177	56	101	1.11	1.44	1.01	2.80	7.7	3.9	3.5	6.3	5.8	✓
11H011940	AltaATANI	CP	SILVER X SUPERSIRE	2574	748	1749	55	83	1.78	1.65	1.31	2.83	4.7	1.2	0.8	7.9	7.8	
11H011888	AltaDURST	CP	MONTROSS X FREDDIE	2490	660	1847	63	55	1.26	1.61	1.32	3.02	4.8	1.4	2.7	5.6	6.6	✓
11H011877	AltaSTAMP P		MONTROSS X EARNHARDT P	2375	582	2080	61	49	1.28	1.81	1.00	3.16	3.6	0.3	1.1	6.2	6.2	✓
11H011860	AltaSPARKLE	CP	SPARK X MONTROSS	2581	751	2353	76	65	1.51	2.01	0.47	2.85	4.5	-0.8	0.5	6.0	5.9	
11H011767	AltaCONCORD		RUBICON X SUPERSONIC	2613	822	1094	52	118	1.54	0.80	0.88	2.80	3.8	0.7	0.4	8.8	7.5	
11H011740	AltaFACET		AltaSPRING X SUPERSIRE	2627	796	1551	61	96	1.57	1.43	0.96	2.84	4.3	-0.2	1.0	8.4	7.5	
11H011725	AltaAMULET		JOSUPER X MOGUL	2660	777	2127	68	71	2.28	2.63	1.13	2.89	5.4	0.9	0.6	8.0	8.0	✓
11H011691	AltaTUG	CP	MC GRAW X SUPERSIRE	2506	722	930	49	73	1.24	1.23	1.07	2.74	4.5	2.0	1.2	5.6	8.1	
11H011549	AltaSHOCK		PRIDE X ERDMAN	2417	656	918	32	48	0.76	1.07	0.52	2.90	6.5	4.3	4.8	5.5	6.4	✓
11H011531	AltaSABRE		JACEY X ROBUST	2629	686	1007	55	32	1.91	1.16	1.36	2.44	7.9	3.3	5.2	7.2	7.3	✓
11H011472	AltaMEMORIAL	CP	AltaOAK X MAN-O-MAN	2294	572	900	47	55	0.69	1.35	1.04	2.74	3.9	2.9	-0.7	8.3	6.3	
11H011435	AltaCZAR	CP	MOGUL X NIAGRA	2417	558	1213	50	65	2.20	2.50	1.62	2.88	1.5	-3.7	-0.5	6.2	7.3	
11H011348	AltaBGOOD		ROBUST X MASSEY	2383	610	782	51	61	1.48	1.72	0.88	2.85	3.2	3.3	-0.6	7.1	8.0	
11H011202	AltaOAK	CP	NIAGRA X LEIF	2326	586	1873	53	66	1.25	0.98	0.70	2.67	3.5	2.8	-1.3	8.2	8.7	
11H011100	AltaEVERGLADE	CP	MASSEY X O MAN	2332	536	558	45	72	0.53	0.13	1.34	2.81	0.7	-1.3	1.9	5.5	6.5	✓
11H000589	AltaR1 PP-RED		LUCKY PP-RED X MONTROSS	2440	676	1471	48	48	0.69	1.39	0.83	2.85	6.3	2.4	2.5	5.7	6.3	✓
			Average	2509	698	1393	55	68	1.38	1.48	1.07	2.84	4.5	1.4	1.4	6.9	7.0	

DISCLAIMER: OUTCROSS SIRES SHOULD BE DEFINED ON AN INDIVIDUAL HERD BASIS WITH AltaGPS. IT'S IMPORTANT TO DETERMINE A TRUE BALANCE BETWEEN GENETIC DIVERSITY AND GENETIC MERIT TO OPTIMIZE GENETIC PROGRESS.

In the genomic age, we are able to predict future inbreeding better than ever before. Genomic tests show the exact genetic profile that each animal received – instead of estimating it from the average of his/her parents. When it comes to AI sires, the genetic profile of each bull known is compared to a random sampling of the population to determine the average inbreeding coefficient. That figure is called GFI or Genomic Future Inbreeding.

This list of outcross sires includes only those that are less related to the population. Even though some of the bulls on this list have popular sire stacks, their genomic profile tells us that they are actually less related to the breed than other bulls that appear to be more outcross on paper.

Depressed performance associated with inbreeding is already adjusted for in the published proofs. That means the evaluations for bulls with high GFI are already more regressed than bulls with lower inbreeding percentages.

GFI values are calculated in comparison to the average genetic make-up of the breed. However, individual herds can have a very different genetic profile than average. In some herds, a specific sire with low GFI may actually create an inbreeding problem. Whereas, a bull with high GFI may be a great choice for a herd with a genetic profile that varies significantly from the breed average.

If inbreeding is of concern to you, work with your trusted Alta advisor to set your own genetic plan, so that a more specific inbreeding can be calculated just for your herd through mating and herd ranks.

