



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

www.holsteinusa.com

BOMAZ ALTASABRE-ET P9 77K GTPI 84%R
+2536 G
USA 72615076 99%RHA-I TR TP TC TY TV TL

PTA +1259M +29F +53P 88%R 4/2018
PTA +666NM -.06%F +.05%P 100%US
PTA +7.2PL 2.47SCS +2.7DPR 6.0%DCE
PTA +1.91T +1.44UDC +1.46FLC 78%R 4/2018
PTA +104FE +3.3FI 7.2%SCF
D/AV 28268M 3.9%F 1098F 3.2%P 911P 0.0T

ALTA GENETICS, INC.
1 - 263090 RANGE ROAD 11
ROCKY VIEW COUNTY AB, T4B 2T3
CANADA
403/226-0666

REGANCREST ALTAIOTA-ET 50K GTPI 99%R
+2125 G
USA 61898306 100%RHA-NA TR TP TC TY TV
GM 12/14 06/12/2005

PTA +461M +48F +30P 99%R 4/2018
PTA +327NM +.11%F +.06%P 16%US
PTA -.4PL 3.03SCS +.6DPR 5.8%DCE
PTA +1.32T +1.24UDC +.74FLC 99%R 4/2018

COYNE-FARMS MASS JILL-ET 50K GTPI 93%R
+2057 G
USA 68677629 99%RHA-I
11/24/2009

PTA +1093M +12F +29P 93%R 4/2018
PTA +359NM -.10%F -.02%P
PTA +5.0PL 2.43SCS +.7DPR 7.0%DCE
PTA +.33T +.02UDC +.91FLC 93%R 4/2018

COYNE-FARMS JACEY CRI-ET 50K GTPI 99%R
+2412 G
USA 70541519 99%RHA-I TY TV TL TD
08/15/2011

PTA +1648M +16F +57P 99%R 4/2018
PTA +510NM -.16%F +.02%P 73%US
PTA +4.7PL 2.48SCS +2.2DPR 7.1%DCE
PTA +1.79T +1.54UDC +1.59FLC 99%R 4/2018
PTA +88FE +2.9FI 8.3%SCF

BOMAZ ROBUST 5545 50K GTPI 84%R
+2407 G
USA 71074575 99%RHA-I
6-01 90 EEVV GMD 12/12/2011

PTA +659M +57F +50P 86%R 4/2018
PTA +604NM +.12%F +.11%P
PTA +4.1PL 2.87SCS +1.3DPR 5.2%DCE
PTA +1.29T +.63UDC +1.16FLC 81%R 4/2018
PTA +143FE +1.8FI 6.3%SCF

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	1-11	3	305	26610	97	3.5	927	3.5	928 97
			365	30380	97	3.6	1083	3.6	1081 97
***	3-02	3	305	35620	99	3.8	1369	3.6	1271 95
			323	36690	99	3.9	1420	3.6	1313 95
***	4-04	3	305	39750	102	3.6	1446	3.5	1399 90
			321	41260	102	3.6	1483	3.5	1459 90
***	5-04	3	305	44310	101	3.2	1413	3.4	1491 88
	LIFE		1353	154720		3.5	5491	3.5	5429

ROYLANE SOGRA ROBUST-ET 50K GTPI 99%R
+2504 G
USA 64966739 100%RHA-NA TR TV TL TD
3-03 88 VVVV GM 8/15 12/23/2008

PTA +973M +73F +44P 99%R 4/2018
PTA +766NM +.13%F +.05%P 98%US
PTA +6.0PL 2.95SCS +1.3DPR 4.0%DCE
PTA +.67T +1.23UDC +1.56FLC 99%R 4/2018

BOMAZ PLANET 4917-ET 50K GTPI 82%R
+1973 G
USA 68886683 99%RHA-I
3-03 87 VE++V 02/02/2010

PTA +988M +44F +44P 85%R 4/2018
PTA +314NM +.03%F +.05%P
PTA +.7PL 3.23SCS -1.5DPR 6.9%DCE
PTA +.54T -.25UDC +.04FLC 78%R 4/2018

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	1-10	3	305	30360	97	3.7	1127	3.2	984 97
			311	30850	97	3.7	1147	3.2	1002 97
***	2-10	3	305	34470	97	3.6	1229	3.3	1144 97
			310	34790	97	3.6	1241	3.3	1157 97
***	3-10	3	305	36410	97	3.3	1196	3.4	1226 97
			365	40570	97	3.3	1331	3.4	1385 97
	LIFE		1008	107380		3.5	3767	3.3	3589

O-BEE MANFRED JUSTICE-ET +1935 G
USA 122358313 100%RHA-NA TR TV TL TD
7-07 94 EEEE GM 12/11 03/08/1998
PTA +196M +38F +27P 99%R 4/2018
PTA +324NM +.11%F +.08%P 58%US
PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

REGANCREST ITO ISA IMP GTPI 89%R
+1647 G
USA 60870571 100%RHA-NA
2-09 86 +E+VV GMD 05/05/2002
PTA -248M -22F -1P 88%R 4/2018
PTA +.41T +.38UDC -.24FLC 87%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-00 2 305 26180 103 3.7 978 3.3 867 95
365 31510 103 3.6 1143 3.3 1051 95

CO-OP BOSSIDE MASSEY-ET +2207 G
USA 63026939 100%RHA-NA TP TC TY TV TL
GM 12/14 02/05/2007
PTA +660M +41F +38P 99%R 4/2018
PTA +432NM +.06%F +.06%P 44%US
PTA +.93T +1.37UDC +.74FLC 99%R 4/2018

COYNE-FARMS RAMOS JELLY 50K GTPI 92%R
+1946 G
USA 63855188 99%RHA-I CV TY
2-08 85 VV+V+ DOM 01/10/2008
PTA +324M +16F +10P 93%R 4/2018
PTA -.34T -1.00UDC +.30FLC 91%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-02 3 305 26460 102 4.0 1070 3.0 786 91
365 32120 102 4.1 1332 3.0 964 91

VELVET-VIEW-KJ SOCRATES-ET +1832 G
USA 133126053 100%RHA-NA TR TV TL TD
5-07 94 EEEE GM 8/09 07/16/2002
PTA +694M +36F +6P 99%R 4/2018
PTA +329NM +.04%F -.05%P 76%US
PTA -.29T -.58UDC -.18FLC 99%R 4/2018

SEAGULL-BAY OMAN MIRROR-ET 50K GTPI 95%R
+2327 G
USA 62115945 100%RHA-NA
3-09 86 +VVVV DOM 11/12/2004
PTA +447M +58F +44P 96%R 4/2018
PTA +.70T +.77UDC +1.29FLC 96%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 2 305 26850 96 4.2 1120 3.3 884 96
340 29320 96 4.2 1230 3.3 971 96
*** 3-00 2 305 32310 100 4.3 1400 3.4 1087 100X
365 36430 100 4.4 1606 3.4 1235 100X

ENSENADA TABOO PLANET-ET +2052 G
USA 60597003 100%RHA-NA TR TP TY TV TL
14-03 92 EEV GM 12/13 03/03/2003
PTA +1504M +37F +44P 99%R 4/2018
PTA +457NM -.07%F -.01%P 59%US
PTA +.43T +.56UDC -.85FLC 99%R 4/2018

BOMAZ JET STREAM 4319-ET 50K GTPI 84%R
+1827 G
USA 65345754 98%RHA-I
6-10 88 EEV+V GMD 04/09/2008
PTA -39M +37F +18P 86%R 4/2018
PTA -.38T -.68UDC +.34FLC 80%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-10 3 312 27600 97 3.2 873 3.2 884 97
*** 2-10 3 304 31100 97 4.3 1328 3.2 989 97
*** 3-09 3 365 36790 97 4.4 1635 3.5 1288 97
*** 5-03 3 305 38690 97 4.3 1650 3.3 1287 97
343 41680 97 4.3 1795 3.4 1403 97
*** 6-03 3 308 33790 97 4.2 1417 3.4 1156 97
LIFE 1882 192450 4.1 7974 3.4 6503

HA-HO CUBBY MANFRED-ET +1548 G
USA 2183007 100%RHA-NA TV TL
5-07 82 +GVV GM 8/03 12/07/1991

MEIER-MEADOWS EL JEZEBEL-ET +1578 G
USA 15459080 100%RHA-NA CV BL
5-02 92 EVEVE GMD DOM 06/30/1994
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
4-02 2 365 35082 100 4.4 1539 3.3 1167 100

BARBEE-M JUROR ITO-ET +1614 G
USA 2287161 100%RHA-NA TV TL
9-08 90 EEEV GM 8/04 06/18/1995
PTA -71M -12F -11P 99%R 4/2018
PTA -.33T +.05UDC -.58FLC 99%R 4/2018

REGANCREST EMORY DORISSA-ET +1336 G
USA 15967188 100%RII-NA
7-10 86 VVEGV GMD DOM 11/08/1995
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1826 158030 3.9 6129 3.4 5312

MASCOL-ET +1945 G
DEU 578891748 100%RHA-NA TV TL
GM 4/11 07/13/2000

COYNE-FARMS YELENA CRI-ET +1803 G
USA 61376428 100%RHA-NA TV
2-08 85 +VV+V GMD DOM 08/20/2004
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 365 36930 102 3.6 1336 3.1 1129 92

RAMOS +1904 G
DEU 253642 98%RHA-I BY TV TL
GM 4/11 06/26/1997
PTA -330M +1F +1P 99%R 4/2018
PTA -.22T -.24UDC +.47FLC 99%R 4/2018

COYNE-FARMS SHOTTLE JAM-ET +1760 G
USA 62053947 100%RHA-NA
3-05 88 VEVEV 02/07/2006
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
3-00 3 365 35750 99 3.0 1080 2.9 1037 89

FUSTEAD EMORY BLITZ-ET +1460 G
USA 17013604 100%RHA-NA TV TL
12-06 95 EEEE GM 2/05 03/02/1996

SHER-EST PRELUDE SWEET-ET +1522 G
USA 15421158 100%RHA-NA TV
5-08 92 EEEEE GMD DOM 03/01/1994
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1858 134240 4.5 6099 3.2 4337

O-BEE MANFRED JUSTICE-ET +1935 G
USA 122358313 100%RHA-NA TR TV TL TD
7-07 94 EEEE GM 12/11 03/08/1998
PTA +196M +38F +27P 99%R 4/2018
PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

SEAGULL-BAY MANAT MIRAGE-ET +1956 G
USA 60401993 100%RHA-NA
4-01 90 VEVEV GMD DOM 09/01/2001
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
3-06 3 365 35900 97 3.8 1364 3.2 1161 88

ROSE-BAUM TABOO-ET +1482 G
USA 17121203 100%RHA-NA TV TL
7-01 87 EVV+ GM 8/05 07/16/1996

PLUSHANSKI AMEL PATTY-ET +1788 G
USA 130161039 100%RHA-NA TV
9-05 93 EEEEE 3E GMD DOM 11/20/1998

APPLOUIS JET STREAM-ET +1804 G
USA 130558361 97%RHA-I TV TL
5-09 87 EV++ GM 1/10 11/06/2000
PTA +631M +26F +24P 99%R 4/2018
PTA -.05T -.48UDC -.22FLC 99%R 4/2018

BOMAZ LYNCH 2411 +1700 G
USA 60413680 100%RHA-NA TV TL
3-06 90 VEVEE GMD DOM 07/12/2001
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 3 317 28310 97 5.4 1521 3.3 922 91
*** 3-01 3 305 38590 96 5.1 1961 3.4 1313 96X
365 44480 96 5.1 2267 3.4 1507 96X

Protein reported is true protein.

005390718 43318519 6/14/2018