



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

11H011256 ALTAMACBOOK
09/15/2011 MALE

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

50K GTPI 94%R
BOMAZ ALTAMACBOOK-ET +2338 G
USA 70457427 99%RHA-I TR TP TC TY TV TL

PTA +982M +42F +39P 96%R 4/2018
PTA +570NM +.02%F +.03%P 100%US
PTA +4.3PL 2.64SCS +.8DPR 4.0%DCE
PTA +1.04T +1.07UDC +1.51FLC 90%R 4/2018
PTA +126FE +1.4FI 6.8%SCF
D/AV 28247M 3.8%F 1073F 3.2%P 897P 78.9T

HD GTPI 99%R
ENSENADA TABOO PLANET-ET +2052 G
USA 60597003 100%RHA-NA TR TP TY TV TL
14-03 92 EEEV GM 12/13 03/03/2003

PTA +1504M +37F +44P 99%R 4/2018
PTA +457NM -.07%F -.01%P 59%US
PTA +4.2PL 3.04SCS -1.8DPR 6.7%DCE
PTA +.43T +.56UDC -.85FLC 99%R 4/2018

IMP GTPI 94%R
CLEAR-ECHO 822 RAMO 1199-ET +1718 G
USA 61765027 99%RHA-I TL
2-06 86 +VGEV DOM 10/17/2004

PTA +685M -16F +24P 94%R 4/2018
PTA +98NM -.15%F +.01%P
PTA +1.3PL 2.99SCS -1.6DPR 6.4%DCE
PTA +.48T +.00UDC +1.37FLC 93%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-00 3 305 26750 97 3.5 944 3.1 828 95
365 32190 97 3.4 1103 3.1 1003 95

50K GTPI 99%R
DE-SU 521 BOOKEM-ET +2281 G
USA 66636657 99%RHA-I TR TP TY TV TL TD
8-04 90 EEV GM 8/15 02/21/2009

PTA +1266M +30F +48P 99%R 4/2018
PTA +493NM -.06%F +.03%P 41%US
PTA +3.7PL 2.84SCS -.1DPR 3.9%DCE
PTA +1.46T +1.20UDC +1.19FLC 99%R 4/2018
PTA +105FE +0.9FI 6.7%SCF

50K GTPI 99%R
REGANCREST-HHF MAC-ET +1873 G
USA 60540164 100%RHA-NA TV TL
6-01 92 EEEV GM 8/09 04/20/2001

PTA -206M -5F -10P 99%R 4/2018
PTA +150NM +.01%F -.01%P 74%US
PTA +1.6PL 2.91SCS +3.9DPR 5.7%DCE
PTA +.75T +1.49UDC +.63FLC 99%R 4/2018

50K GTPI 88%R
BOMAZ MAC 4344-ET +2065 G
USA 65345779 99%RHA-I
5-07 88 VEVEV GMD 05/22/2008

PTA +479M +22F +20P 90%R 4/2018
PTA +333NM +.02%F +.02%P
PTA +2.5PL 2.85SCS +1.8DPR 6.6%DCE
PTA +.60T +.84UDC +.95FLC 85%R 4/2018
PTA +65FE +2.1FI 7.8%SCF
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 305 29540 97 3.6 1060 2.9 866 97
365 35660 97 3.7 1317 3.0 1056 97
*** 3-06 3 305 39040 97 4.0 1569 3.2 1240 97
365 44670 97 4.0 1778 3.2 1435 97
*** 4-11 3 305 37930 97 4.1 1543 3.2 1227 97
359 43580 97 4.0 1754 3.2 1403 97
*** 7-01 3 305 29600 102 4.0 1195 3.3 981 92
337 31720 102 4.1 1308 3.3 1056 92
LIFE 1668 178080 4.0 7102 3.2 5694

IMP GTPI 79%R
BOMAZ LAUDAN 3375-ET +1965 G
USA 61980368 99%RHA-I
2-04 85 V+++V DOM 02/16/2005

PTA +642M +11F +26P 80%R 4/2018
PTA +284NM -.05%F +.02%P
PTA +3.1PL 2.79SCS +.2DPR 8.9%DCE
PTA +.20T +.52UDC +.93FLC 75%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 305 27840 96 3.8 1051 3.0 845 96
307 27920 96 3.8 1054 3.0 849 96

NATIONAL ELITE PERFORMER

+1482 G
ROSE-BAUM TABOO-ET
USA 17121203 100%RHA-NA TV TL
7-01 87 EVV+ GM 8/05 07/16/1996
PTA -11M +4F +2P 99%R 4/2018
PTA -9NM +.02%F +.01%P 60%US
PTA -.91T -.97UDC -1.71FLC 99%R 4/2018

IMP GTPI 94%R
PLUSHANSKI AMEL PATTY-ET +1788 G
USA 130161039 100%RHA-NA TV
9-05 93 EEEEE 3E GMD DOM 11/20/1998
PTA +1499M +14F +33P 94%R 4/2018
PTA -43T -.82UDC -.40FLC 94%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-03 2 365 38133 100 3.5 1340 2.9 1095 100
4-09 2 365 44880 99 3.3 1468 2.9 1295 99
*** 6-10 2 365 46120 100 3.2 1494 2.7 1239 100
*** 8-11 2 365 49670 100 3.1 1555 2.6 1299 100
LIFE 2614 256020 3.3 8356 2.9 7325

+1904 G
RAMOS
DEU 253642 98%RHA-I BY TV TL
GM 4/11 06/26/1997
PTA -330M +1F +1P 99%R 4/2018
PTA +293NM +.05%F +.04%P 0%US
PTA -.22T -.24UDC +.47FLC 99%R 4/2018

IMP GTPI 87%R
CLEAR-ECHO HERSHL D-RAC 822 +1625 G
USA 60427332 100%RHA-NA
5-01 87 VVVVV DOM 09/12/2001
PTA +1956M +4F +37P 87%R 4/2018
PTA -.02T -.92UDC +.35FLC 85%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 3 365 36240 97 2.9 1062 2.8 1023 97
*** 4-05 3 305 34570 96 3.1 1084 2.6 900 96
365 40830 96 3.1 1273 2.6 1081 96
*** 5-11 3 330 26270 97 3.1 815 2.9 763 97
LIFE 1641 152450 3.1 4692 2.8 4343

+1547 G
MARA-THON BW MARSHALL-ET
USA 2290977 100%RHA-NA TV TL
5-04 86 VEV+ GM 1/08 03/24/1995
PTA +816M +3F +12P 99%R 4/2018
PTA -77NM -.10%F -.05%P 94%US
PTA +.55T +.38UDC +1.06FLC 99%R 4/2018

IMP GTPI 92%R
REGANCREST RUDOLPH DENA-ET +1387 G
USA 17391080 100%RHA-NA
5-00 89 EVVVE DOM 06/19/1997
PTA -1104M -19F -21P 92%R 4/2018
PTA +.00T -.06UDC -.64FLC 92%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-03 2 305 27530 100 3.8 1033 3.2 888 92
365 33070 100 3.7 1234 3.2 1065 92
*** 4-10 2 305 21810 102 4.5 978 3.1 676 94
365 25910 102 4.5 1166 3.1 815 94

+1831 G
LAUDAN-ET
DEU 578448776 98%RHA-I TV TL
GM 8/08 10/11/1998
PTA +417M +7F +19P 99%R 4/2018
PTA +276NM -.03%F +.02%P 1%US
PTA -.70T -.08UDC +.30FLC 99%R 4/2018

IMP GTPI 91%R
BOMAZ GARTER 2796-ET +1684 G
USA 61065394 100%RHA-NA TL
5-00 88 VEVVV GMD DOM 12/12/2002
PTA +454M +16F +15P 92%R 4/2018
PTA -.24T -.19UDC +.16FLC 90%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-03 3 305 32170 97 3.4 1108 3.0 968 97
365 38170 97 3.5 1349 3.1 1182 97
*** 4-09 3 305 30760 95 4.0 1218 2.9 877 95
316 31470 95 4.0 1247 2.9 901 95

+1266 G
END-ROAD BLACKSTAR MAJIC-ET
USA 2119660 100%RHA-NA TV TL
7-02 92 EEEE GM 2/00 11/16/1989

+1432
ROSE-BAUM WINKEN ALAS
USA 14484760 100%RHA-NA TL
9-07 92 EEEVE 2E DOM 03/03/1990
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
7-01 2 361 32790 94 4.2 1377 3.5 1159 94

+1353 G
OUT-JOCK CHOICE AMEL-ET
USA 2231596 100%RHA-NA TY TV TL
5-02 85 +++E GM 8/03 01/25/1993
PTA +293M -18F +10P 99%R 4/2018
PTA -1.63T -.97UDC -2.13FLC 99%R 4/2018

+1652
DIVIDING-RIDGE PEG-ET
USA 17268712 100%RHA-NA
2-05 86 +E+VV GMD DOM 12/05/1996
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1973 166280 3.8 6381 3.0 5063

+1563 G
STARTMORE RUDOLPH-ET
CAN 5470579 100%RHA-NA TV TL
15-02 85 VV+V GM 8/07 07/17/1991

+1292
HELDINE 47
DEU 15240262 96%RHA-I 11/02/1992

+1291 G
LEXVOLD LUKE HERSHEL-ET
USA 2294436 100%RHA-NA TY TV TL
GM 8/04 07/30/1995
PTA +571M -10F +9P 99%R 4/2018
PTA -1.28T -1.21UDC +.28FLC 99%R 4/2018

+1681 G
CLEAR-ECHO DECISN L-RAC 505
USA 123563594 100%RHA-NA TV
6-10 86 VEV+V GMD DOM 05/22/1999
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1849 150760 4.2 6372 3.2 4823

+1245 G
MAIZEFIELD BELLWOOD-ET
USA 2103297 100%RHA-NA TV TL
10-04 96 EEEE GM 2/01 05/19/1989

+1392
MORGAN-VALLEY ELTON MARA
USA 14840387 100%RHA-NA BL
5-03 87 +VEV GMD DOM 05/02/1990
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
APM 6-05 2 305 26950 3.9 1057 2.9 786

+1563 G
STARTMORE RUDOLPH-ET
CAN 5470579 100%RHA-NA TV TL
15-02 85 VV+V GM 8/07 07/17/1991
PTA +86M -13F +1P 99%R 4/2018
PTA -1.03T -1.05UDC -1.97FLC 99%R 4/2018

+1234 G
SNOW-N DENISES DELLIA
USA 12895802 100%RHA-NA TV TL
7-08 95 EEEEE 2E GMD DOM 12/20/1986
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 2558 180240 3.9 7108 3.2 5723

+1754 M
LUKAS
DEU 133479 97%RHA-I 02/16/1992

+1160
SCHILLING RAIDER BRISANZ
DEU 576302497 100%RHA-NA 12/10/1993

+1497 G
WELCOME GARTER-ET
USA 17131025 100%RHA-NA TV TL
6-02 88 EVV+ GM 2/07 07/01/1996
PTA +1124M +28F +26P 99%R 4/2018
PTA -.63T -.81UDC -.50FLC 99%R 4/2018

+1791 G
DALSE BOMAZ 1617
USA 123654814 100%RHA-NA
7-01 91 VE+EE 2E GMD DOM 09/09/1998
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 334 30240 97 3.9 1171 2.8 839 89
** 3-00 3 305 38111 96 4.9 1880 2.8 1058 88
365 43709 96 5.0 2180 2.8 1227 88

Protein reported is true protein.

005390718 43318537 6/14/2018