



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

www.holsteinusa.com

PINE-TREE ALTABARK-ET P9 77K GTPI 86%R
USA 72064184 99%RHA-I TR TP TC TY TV TL

PTA +2569M +84F +81P 91%R 4/2018
PTA +729NM -.04%F +.01%P 100%US
PTA +4.0PL 2.93SCS -2.3DPR 6.2%DCE
PTA +1.06T +.43UDC +.48FLC 79%R 4/2018
PTA +225FE -1.8FI 7.9%SCF
D/AV 29988M 3.9%F 1155F 3.1%P 940P 0.0T

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

RI-VAL-RE 2338 NIAGRA-ET HD GTPI 99%R
USA 62067753 100%RHA-NA TR TV TL TD
GM 12/12 11/29/2004

PTA +1478M +30F +45P 99%R 4/2018
PTA +226NM -.09%F +.00%P 60%US
PTA -.5PL 3.03SCS -3.6DPR 7.7%DCE
PTA +1.03T +.90UDC -.81FLC 99%R 4/2018

PINE-TREE LEIF SUZY-ET 50K GTPI 92%R
USA 66882395 98%RHA-I
7-02 91 EEEEE DOM 05/14/2009

PTA +474M +28F +19P 93%R 4/2018
PTA +360NM +.04%F +.02%P
PTA +4.1PL 2.42SCS +.0DPR 6.2%DCE
PTA +.48T +.33UDC +1.39FLC 92%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
5-02 3 338 39350 99 3.4 1332 3.1 1213 87
* 6-03 3 365 37510 98 4.1 1533 2.9 1100 87
LIFE 2111 212250 3.8 8107 3.1 6580

PINE-TREE ALTAOAK-ET 50K GTPI 99%R
USA 69169951 99%RHA-I TR TP TC TY TV TL
07/07/2011

PTA +1905M +66F +55P 99%R 4/2018
PTA +588NM -.02%F -.01%P 56%US
PTA +4.0PL 2.65SCS -2.1DPR 5.5%DCE
PTA +1.35T +1.11UDC +.64FLC 99%R 4/2018
PTA +139FE -2.1FI 8.2%SCF

PINE-TREE PLANET MARICA-ET 50K GTPI 86%R
USA 66882539 100%RHA-NA
2-11 86 VE++V 10/20/2009

PTA +1776M +48F +56P 87%R 4/2018
PTA +422NM -.06%F +.01%P
PTA +1.9PL 3.12SCS -2.6DPR 6.5%DCE
PTA +.30T -.31UDC -.62FLC 86%R 4/2018
PTA +148FE -1.7FI 5.8%SCF
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 305 37550 94 2.9 1088 2.8 1069 87X
3RD OH MILK
*** 3-08 3 305 39490 100 3.3 1319 3.0 1194 88
*** 5-01 3 305 41940 99 3.0 1249 2.9 1212 88
365 49070 99 3.1 1541 2.9 1447 88
LIFE 1447 170960 3.3 5644 3.1 5245

REGION 3 ELITE PERFORMER

ENSENADA TABOO PLANET-ET HD GTPI 99%R
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

PINE-TREE MISSY MARY-ET 50K GTPI 92%R
USA 61733080 100%RHA-NA
4-02 87 VEVVV DOM 03/20/2004

PTA -171M +42F +13P 93%R 4/2018
PTA +161NM +.18%F +.07%P
PTA -.5PL 2.90SCS -.2DPR 8.3%DCE
PTA -.67T -.76UDC -.77FLC 92%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-04 3 305 28560 96 4.1 1158 3.2 903 88
353 31870 96 4.1 1294 3.1 1003 88
*** 3-06 3 305 32160 96 4.1 1315 3.3 1046 88
365 36920 96 4.0 1483 3.3 1210 88

END-ROAD PVF BOLIVER-ET +1727 G
USA 123586443 100%RHA-NA TY TV TL TD
11-11 96 EEEE GM 8/09 11/27/1998
PTA +447M +18F +19P 99%R 4/2018
PTA +185NM +.00%F +.02%P 50%US
PTA +.10T +.45UDC -.70FLC 99%R 4/2018

RI-VAL-RE JESTHER NILLIE-ET IMP GTPI 84%R
USA 60403538 100%RHA-NA CV
6-00 91 EEEV 2E DOM 11/25/2001

PTA +893M +8F +31P 84%R 4/2018
PTA -.04T -.78UDC +.23FLC 84%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 2 365 37350 95 3.7 1392 3.2 1208 95
*** 4-03 2 305 35240 94 3.3 1163 3.2 1113 93X
365 42500 94 3.4 1429 3.2 1348 93
*** 6-09 2 365 23600 95 3.8 895 3.1 737 95
LIFE 1805 145700 3.5 5127 3.3 4738

LEIF +1930 G
DEU 344825401 97%RHA-I TV TL
07/03/1999

PTA -228M +33F +4P 98%R 4/2018
PTA +262NM +.16%F +.04%P 1%US
PTA -.10T +.25UDC +.65FLC 96%R 4/2018
50K GTPI 93%R

PINE-TREE MONICA SUZY-ET +1858 G
USA 62443691 100%RHA-NA
3-02 87 VEV+V DOM 01/17/2006
PTA +582M +10F +17P 93%R 4/2018
PTA +.61T +.37UDC +.45FLC 93%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-02 3 305 29360 97 3.8 1120 3.0 888 89

ROSE-BAUM TABOO-ET +1482 G
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

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
50K GTPI 96%R

WESSWOOD-HC RUDY MISSY-ET +1787 G
USA 122797679 100%RHA-NA TV
9-00 92 EEEEE 3E GMD DOM 08/08/1997

PTA -322M +17F +0P 96%R 4/2018
PTA +.25T +.76UDC -.28FLC 96%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 2 305 25410 95 4.2 1060 3.1 779 95
323 26760 95 4.1 1110 3.1 825 95
*** 3-02 2 305 31880 94 4.1 1313 3.1 979 94
365 37470 94 4.1 1533 3.1 1168 94
*** 4-11 3 305 34990 94 4.1 1431 3.2 1128 93
365 40880 94 4.1 1665 3.2 1308 93
LIFE 1262 119610 4.1 4885 3.2 3804

OUT-JOCK CHOICE AMEL-ET +1353 G
USA 2231596 100%RHA-NA TY TV TL
5-02 85 +++E GM 8/03 01/25/1993

END-ROAD MATHIE BIG BANG-ET +1708
USA 15458228 100%RHA-NA
4-08 85 +VV+V DOM 06/30/1994

*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-10 2 352 27030 96 3.8 1022 3.3 895 96

JESTHER-ET +1410 G
FRA 5994022699 100%RHA-NA CV TL
10/20/1994

PTA +614M -6F +14P 98%R 4/2018
PTA -.88T -1.28UDC +.51FLC 97%R 4/2018

PECKENSTEIN TERRY NIKE-ET +1491 G
USA 122926819 100%RHA-NA CV
2-05 85 VVV+V GMD DOM 04/04/1998

*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 2 365 34580 94 3.8 1319 3.1 1079 94

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

INA 88 +1332
DEU 341024460 96%RHA-I
01/19/1997

PICSTON SHOTTLE-ET +1887 G
GBR 598172 100%RHA-NA TY TV TL
GM 12/11 07/23/1999

PTA +480M +26F +10P 99%R 4/2018
PTA +1.16T +.68UDC +.35FLC 99%R 4/2018

PINE-TREE MISSY MONICA-ET +1805 G
USA 61733085 100%RHA-NA
5-00 85 VVV++ GMD DOM 03/23/2004

*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1353 132320 3.6 4827 3.1 4057

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

ROSE-BAUM WINKEN ALAS +1432
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

OUT-JOCK CHOICE AMEL-ET +1353 G
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

DIVIDING-RIDGE PEG-ET +1652
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

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 EEEVE GMD DOM 06/30/1994

STARTMORE RUDOLPH-ET +1563 G
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

WESSWOOD ELTON MIMI +1527
USA 14843211 100%RHA-NA TL
5-00 90 EEEEE GMD DOM 10/01/1991

*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
APR 2-04 2 348 27830 3.7 1019 3.0 821
APR 3-05 2 305 29950 3.3 1003 3.0 887
365 35380 3.3 1160 3.0 1054

Protein reported is true protein.

005390718

43318507

6/14/2018