



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

50K GTPI 99%R
PINE-TREE ALTAOAK-ET +2327 G
 USA 69169951 99%RHA-I TR TP TC TY TV TL

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
 D/AV 30701M 3.8%F 1162F 3.1%P 939P 81.9T

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

HD GTPI 99%R
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 +1.3PL 3.01SCS -1.4DPR 7.7%DCE
 PTA +.10T +.45UDC -.70FLC 99%R 4/2018

IMP GTPI 84%R
RI-VAL-RE JESTHER NILLIE-ET +1652 G
 USA 60403538 100%RHA-NA CV
 6-00 91 EEVEV 2E DOM 11/25/2001

PTA +893M +8F +31P 84%R 4/2018
 PTA +94NM -.09%F +.01%P
 PTA +.3PL 3.11SCS -1.8DPR 9.5%DCE
 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 2 365 42500 94 3.4 1429 3.2 1348 93
 LIFE 1805 145700 3.5 5127 3.3 4738

HD GTPI 99%R
RI-VAL-RE 2338 NIAGRA-ET +1847 G
 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
 PTA +95FE -4.0FI 6.9%SCF

50K GTPI 92%R
PINE-TREE LEIF SUZY-ET +2059 G
 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
 PTA +42FE -0.2FI 9.0%SCF
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-03 3 305 28410 94 3.7 1048 3.2 895 88
 *** 4-02 3 305 32200 100 4.0 1287 3.1 999 88
 319 33340 100 4.0 1332 3.1 1036 88
 *** 5-02 3 338 39350 99 3.4 1332 3.1 1213 87
 * 6-03 3 305 32410 98 4.3 1379 2.9 944 87
 365 37510 98 4.1 1533 2.9 1100 87
 LIFE 2111 212250 3.8 8107 3.1 6580

HD GTPI 97%R
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 +2.6PL 2.62SCS +1.4DPR 8.3%DCE
 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 +195NM -.04%F +.00%P
 PTA +2.4PL 2.78SCS -.2DPR 6.7%DCE
 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

+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 -50NM -.11%F +.00%P 91%US
 PTA -1.63T -.97UDC -2.13FLC 99%R 4/2018

CTPI 76%R
END-ROAD MATHIE BIG BANG-ET +1708
 USA 15458228 100%RHA-NA
 4-08 85 +VV+V DOM 06/30/1994
 PTA -220M +1F +5P 75%R 4/2018
 PTA +.12T +.38UDC -.11FLC 76%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 DHR 1-10 2 301 18360 3.7 684 3.3 613
 *** 2-10 2 305 24880 96 3.7 930 3.3 814 96
 352 27030 96 3.8 1022 3.3 895 96
 *** 4-06 2 138 12430 4.2 517 3.1 390

+1410 G
JESTHER-ET
 FRA 5994022699 100%RHA-NA CV TL
 10/20/1994
 PTA +614M -6F +14P 98%R 4/2018
 PTA -112NM -.10%F -.02%P 1%US
 PTA -.88T -1.28UDC +.51FLC 97%R 4/2018

IMP GTPI 90%R
PECKENSTEIN TERRY NIKE-ET +1491 G
 USA 122926819 100%RHA-NA CV
 2-05 85 VVV+V GMD DOM 04/04/1998
 PTA +191M +3F +6P 90%R 4/2018
 PTA -.50T -1.24UDC -.08FLC 90%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-01 2 365 34580 94 3.8 1319 3.1 1079 94

+1754 M
LUKAS
 DEU 133479 97%RHA-I
 02/16/1992
 PTA (M) -122M +29F +11P 92%R 4/2018
 PTA +190NM +.00%F +.00%P 0%US
 PTA (M) -.84T -.55UDC -.40FLC 89%R 4/2018

PTPI
INA 88 +1332
 DEU 341024460 96%RHA-I
 01/19/1997
 PTA -1041M# -13F# -21P# 33%R 4/2018
 PTA -1.34T -1.12UDC -.41FLC 40%R 4/2018

+1887 G
PICSTON SHOTTLE-ET
 GBR 598172 100%RHA-NA TY TV TL
 GM 12/11 07/23/1999
 PTA +480M +26F +10P 99%R 4/2018
 PTA +181NM +.03%F -.02%P 13%US
 PTA +1.16T +.68UDC +.35FLC 99%R 4/2018

IMP GTPI 91%R
PINE-TREE MISSY MONICA-ET +1805 G
 USA 61733085 100%RHA-NA
 5-00 85 VVV++ GMD DOM 03/23/2004
 PTA +637M +30F +27P 91%R 4/2018
 PTA -1.30T -1.61UDC -.47FLC 90%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-06 3 305 30610 96 4.0 1232 2.9 890 88
 330 32800 96 4.1 1361 3.0 971 88
 *** 3-05 3 305 28460 96 3.5 1003 3.2 920 88
 365 33130 96 3.5 1152 3.2 1070 88
 *** 4-11 3 305 36010 96 3.5 1248 2.9 1035 86
 LIFE 1353 132320 3.6 4827 3.1 4057

+989 G
THE CHOICE OF MARK ADAM-ET
 USA 2027062 100%RHA-NA TV TL
 8-08 86 +EV+ GM 7/94 08/04/1986
MISS TA RO LEE NICK ANN-ET +1246
 USA 14493791 100%RHA-NA
 3-00 84 +E+EG DOM 03/27/1991

AGE X DAYS MILK DCRM % FAT % PRT DCRC
 APM 2-01 3 365 30456 3.4 1036 3.1 950
PARADISE-R CLEITUS MATHIE +1400 G
 USA 2080263 100%RHA-NA CV TY TL
 15-06 96 EEEE GM 2/01 07/12/1988

PTA +68M +3F -17P 99%R 4/2018
 PTA -1.37T -1.24UDC -.90FLC 99%R 4/2018
END-ROAD LEADMAN BANJO-ET +1625
 USA 14386280 100%RHA-NA
 10-02 90 VVEVE 2E GMD DOM 04/24/1991

AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 2663 183880 4.0 7330 3.5 6364
BIS-MAY S-E-L MOUNTAIN-ET +1190 G
 USA 2070579 100%RHA-NA TV TL TD
 6-09 59 FVGP GM 2/99 12/17/1987
ROCKY-VU ELTON EDNA ELI-ET +1416 G
 USA 14189172 100%RHA-NA CV TL
 6-06 89 +EVVE GMD DOM 10/03/1990

AGE X DAYS MILK DCRM % FAT % PRT DCRC
 DHR 6-01 2 365 38780 4.0 1532 3.2 1222
RICECREST TESK TERRY +1441 G
 USA 2195662 100%RHA-NA TV TL
 5-03 82 +VVF GM 8/03 05/12/1992

PTA +442M -4F +2P 99%R 4/2018
 PTA -1.71T -2.26UDC -1.67FLC 99%R 4/2018
PECKENSTEIN ELTON NIKKI-ET +1348 G
 USA 15617904 100%RHA-NA CV TM TL
 5-05 90 VEVVE DOM 11/23/1994

AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 4-10 2 365 37500 95 4.2 1566 3.1 1156 95
ROTHROCK TRADITION LEADMAN +1249 G
 USA 1983348 100%RHA-NA BY TV TL TD
 7-09 93 EEE GM 1/96 03/05/1985
EUGENIE 2 +912
 DEU 1002482030 95%RHA-I
 01/05/1989

+1404 G
CHANCE SOUTHWIND LB ZACK-ET
 USA 2156938 100%RHA-NA TL TD
 5-09 87 VVVV GM 2/01 12/06/1990
 PTA -828M -10F -10P 99%R 4/2018
 PTA -1.04T -1.19UDC -.01FLC 98%R 4/2018

ILLUNA 43 +1184
 DEU 1015258204 93%RHA-I
 10/09/1993

+1700 G
CAROL PRELUDE MTOTO-ET
 ITA 6001001962 100%RHA-NA TV TL
 GM 1/08 07/13/1993

+1430 G
CONDON AERO SHARON
 CAN 5373153 100%RHA-NA
 01/20/1991

+1935 G
O-BEE MANFRED JUSTICE-ET
 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

+1787 G
WESSWOOD-HC RUDY MISSY-ET
 USA 122797679 100%RHA-NA TV
 9-00 92 EEEEE 3E GMD DOM 08/08/1997
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 3-02 2 365 37470 94 4.1 1533 3.1 1168 94
 *** 4-11 3 365 40880 94 4.1 1665 3.2 1308 93
 LIFE 1262 119610 4.1 4885 3.2 3804

Protein reported is true protein.

005390718 43318534 6/14/2018