



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

P9 140K GTPI 79%R
ROCKYMOUNTAIN ALTAUNDADO-ET +2501 G
 CAN 11446030 99%RHA-I TR TP TC TY TV TL

PTA +647M +74F +30P 80%R 4/2018
 PTA +654NM +.18%F +.04%P 100%US
 PTA +4.7PL 2.87SCS -.3DPR 2.7%DCE
 PTA +2.75T +2.46UDC +1.57FLC 78%R 4/2018
 PTA +135FE +0.8FI 6.3%SCF

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

50K GTPI 99%R
DE-SU BKM MCCUTCHEN 1174-ET +2300 G
 USA 69990138 99%RHA-I TR TP TC TY TV TL
 4-10 93 EEEE GM 8/15 11/25/2010

PTA +827M +51F +32P 99%R 4/2018
 PTA +404NM +.07%F +.02%P 48%US
 PTA +1.3PL 2.82SCS -1.6DPR 3.6%DCE
 PTA +3.15T +2.36UDC +2.04FLC 99%R 4/2018

50K GTPI 93%R
PINE-TREE 2149ROBST 4846-ET +2487 G
 USA 69804610 100%RHA-NA
 7-02 87 EEV+V DOM 03/16/2011

PTA +1342M +63F +48P 94%R 4/2018
 PTA +704NM +.05%F +.03%P
 PTA +5.3PL 2.80SCS +1.9DPR 4.5%DCE
 PTA +1.70T +1.14UDC -.14FLC 93%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-04 3 305 27110 100 4.9 1317 3.2 868 92
 365 32000 100 4.8 1520 3.2 1036 92

P9 77K GTPI 98%R
VIEW-HOME MONTEREY-ET +2495 G
 USA 69087180 99%RHA-I TC TY TV TL TD
 01/21/2013

PTA +653M +52F +38P 99%R 4/2018
 PTA +598NM +.10%F +.07%P 80%US
 PTA +3.8PL 2.96SCS -.7DPR 2.0%DCE
 PTA +3.43T +2.92UDC +1.66FLC 99%R 4/2018
 PTA +124FE +0.5FI 6.4%SCF

9K GTPI 82%R
BENNER MOGUL BELVA-ET +2296 G
 CAN 11621818 100%RHA-NA
 12/22/2012

PTA +602M +65F +22P 83%R 4/2018
 PTA +511NM +.15%F +.01%P
 PTA +3.1PL 2.93SCS -1.1DPR 5.1%DCE
 PTA +1.95T +2.51UDC +1.24FLC 79%R 4/2018
 PTA +119FE +0.2FI 6.9%SCF

50K GTPI 99%R
MOUNTFIELD SSI DCY MOGUL-ET +2423 G
 840003006972816 100%RHA-NA TR TP TC TY
 7-00 93 EEVE GM 8/15 06/22/2010

PTA +1215M +78F +39P 99%R 4/2018
 PTA +591NM +.12%F +.01%P 66%US
 PTA +2.6PL 2.98SCS -2.1DPR 3.8%DCE
 PTA +2.20T +3.09UDC +2.25FLC 99%R 4/2018

50K GTPI 90%R
MAPEL WOOD BAXTER BETHANY-ET +2167 G
 CAN 9696511 100%RHA-NA
 CAN 02Y VG 85 12/28/2007

PTA +885M +57F +26P 91%R 4/2018
 PTA +457NM +.09%F +.00%P
 PTA +3.0PL 2.75SCS -.6DPR 6.8%DCE
 PTA +.93T +.68UDC +.61FLC 89%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-03 2 305 34799 4.7 1620 3.3 1135
 365 41325 4.6 1920 3.3 1347

+2281 G
DE-SU 521 BOOKEM-ET
 USA 66636657 99%RHA-I TR TP TY TV TL TD
 8-04 90 EEVV GM 8/15 02/21/2009
 PTA +1266M +30F +48P 99%R 4/2018
 PTA +493NM -.06%F +.03%P 41%US
 PTA +1.46T +1.20UDC +1.19FLC 99%R 4/2018

50K GTPI 96%R
SULLY SHOTTLE MAY-TW +1943 G
 USA 138218285 100%RHA-NA
 9-00 91 EEVEE 2E DOM 03/27/2007

PTA +636M +19F +26P 96%R 4/2018
 PTA +1.23T +1.02UDC +1.22FLC 96%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 5-04 3 365 38970 98 3.5 1354 3.0 1152 84
 6-07 3 365 39960 98 3.9 1555 3.3 1302 85
 7-09 3 311 36740 94 3.5 1290 3.0 1086 77
 * 8-09 3 328 33230 76 3.7 1220 2.9 953 76
 LIFE 1844 192480 3.6 6852 3.0 5844

+2504 G
ROYLANE SOCRA ROBUST-ET
 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 +.67T +1.23UDC +1.56FLC 99%R 4/2018

50K GTPI 92%R
PINE-TREE ZENITH SHEEN +2007 G
 USA 64350530 100%RHA-NA
 3-09 87 VV+VV DOM 12/31/2007
 PTA -518M +31F -6P 92%R 4/2018
 PTA +1.82T +1.37UDC +.08FLC 91%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 1-11 3 305 24500 97 3.9 959 3.0 740 90

+2275 G
COYNE-FARMS DORCY-ET
 USA 139005002 100%RHA-NA BY TC TY TV TL TD
 4-09 87 VVV+ 09/17/2007
 PTA +1316M +25F +37P 99%R 4/2018
 PTA +470NM -.08%F -.01%P 29%US
 PTA +1.82T +3.00UDC +1.57FLC 99%R 4/2018

50K GTPI 92%R
MOUNTFIELD MARSH MAXINE-ET +2024 G
 USA 62784081 100%RHA-NA
 2-07 88 VV+VE DOM 04/23/2006
 PTA +224M +69F +25P 92%R 4/2018
 PTA +1.17T +1.07UDC +1.29FLC 92%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-03 2 159 14320 4.3 611 3.2 454

+1932 G
EMERALD-ACR-SA T-BAXTER
 USA 132973942 100%RHA-NA B/R TY TV TL
 04/07/2002
 PTA +1174M +47F +14P 99%R 4/2018
 PTA +322NM +.01%F -.08%P 18%US
 PTA +.80T +.80UDC +.69FLC 99%R 4/2018

50K GTPI 95%R
GEN-I-BEQ SHOTTLE BOMBI-ET +2122 G
 CAN 102438051 100%RHA-NA
 9-04 94 EEEEE 2E 12/17/2005
 PTA +336M +43F +13P 95%R 4/2018
 PTA +1.26T +1.01UDC +.16FLC 95%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-01 2 305 27288 4.9 1338 3.2 867
 365 31869 5.0 1609 3.2 1025
 365 55290 93 3.7 2029 3.1 1714 93X
 365 48280 93 3.8 1824 3.1 1479 93X
 9-01 2 120 14160 4.3 614 3.2 452
 LIFE 919 108609 4.1 4484 3.2 3438

+2052 G
ENSENADA TABOO PLANET-ET
 USA 60597003 100%RHA-NA TR TP TY TV TL
 14-03 92 EEV GM 12/13 03/03/2003
CLEAR-ECHO 822 RAMO 1199-ET +1718 G
 USA 61765027 99%RHA-I TL
 2-06 86 +VGEV DOM 10/17/2004

AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-00 3 365 32190 97 3.4 1103 3.1 1003 95

+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 +1.16T +.68UDC +.35FLC 99%R 4/2018

+1836 G
MS SULLY OMAN MUETZE-ET
 USA 137317589 100%RIIA-NA
 4-00 90 EEVEV DOM 05/01/2005
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 2427 176480 3.7 6536 3.3 5778

+1832 G
VELVET-VIEW-KJ SOCRATES-ET
 USA 133126053 100%RHA-NA TR TV TL TD
 5-07 94 EEEE GM 8/09 07/16/2002

+2327 G
SEAGULL-BAY OMAN MIRROR-ET
 USA 62115945 100%RHA-NA
 3-09 86 +VVVV DOM 11/12/2004
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 3-00 2 365 36430 100 4.4 1606 3.4 1235 100X

+1716 G
OCEAN-VIEW ZENITH-TW-ET
 USA 129800008 100%RHA-NA TR TV TL TD
 GM 8/08 11/23/1999
 PTA -442M +2F -4P 99%R 4/2018
 PTA +.20T +.26UDC -1.09FLC 99%R 4/2018

+1936 G
PINE-TREE MARTHA SHEEN-ET
 USA 62443682 100%RHA-NA TY
 3-04 86 VV+VV DOM 01/01/2006
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 ** 1-11 3 365 31210 95 4.2 1305 3.1 968 92

+1894 G
SANDY-VALLEY BOLTON-ET
 USA 131823833 100%RHA-NA BY TV TL
 5-11 90 EE+V GM 4/11 09/11/2001

+2071 G
COYNE-FARMS BRET DAFFERS-ET
 USA 61319723 100%RHA-NA CV
 5-07 91 EV+EE DOM 07/26/2004
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 3-01 3 365 34280 99 4.4 1504 3.1 1068 91

+1666 G
PASEN MARSH-ET
 USA 130312332 100%RHA-NA TR TY TV TL
 07/21/2000
 PTA +300M +9F +7P 99%R 4/2018
 PTA +.58T +1.21UDC +1.05FLC 99%R 4/2018

+2022 G
PINE-TREE MISSY MIRANDA-ET
 USA 61733095 100%RHA-NA
 4-03 86 VVV+V DOM 05/01/2004
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1539 122890 4.5 5535 3.6 4482

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

+1738
EMERALD-ACR-SA T-MALLORY-ET
 USA 130227821 100%RHA-NA
 5-08 87 VVV+V 09/05/1999

+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 +1.16T +.68UDC +.35FLC 99%R 4/2018

+1782 G
GEN-I-BEQ CHAMPION BAMBI-ET
 CAN 100745685 100%RHA-NA
 CAN EX 90 12/01/2003
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 CAN 2-02 2 365 26453 4.2 1122 3.2 854
 CAN 3-09 2 365 31638 4.1 1305 3.0 945
 CAN 6-02 2 303 28095 4.1 1148 3.0 850

Protein reported is true protein.

005390718 43319740 6/14/2018

NATIONAL ELITE PERFORMER