



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



98% Registered Holstein Ancestry (RHA-I)

PEAK ALTARILYREDY-ET P9 140K GTPI 75%R
840003138498753 98%RHA-I TR TP TC TY TV +2654 G

PTA +1592M +77F +55P 76%R 4/2018
PTA +791NM +.06%F +.02%P 100%US
PTA +5.2PL 2.83SCS +1.1DPR 2.7%DCE
PTA +2.40T +1.92UDC +1.37FLC 74%R 4/2018
PTA +185FE +1.8FI 7.2%SCE

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

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

NO-FLA SHINE-ET 77K GTPI 85%R
840003012016619 93%RHA-NA TY TV TL TD +2501 G
2-07 83 VV+V+ DOM 06/23/2013

PTA +1268M +78F +52P 85%R 4/2018
PTA +716NM +.11%F +.05%P
PTA +5.6PL 2.65SCS +.0DPR 4.0%DCE
PTA +1.17T +.64UDC +1.31FLC 86%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-02 2 305 27250 93 3.7 1020 3.1 837 93
365 32040 93 3.7 1180 3.0 963 93

PEAK SOLAR-ET P9 140K GTPI 79%R
840003129128747 96%RHA-I TY TV TL TD +2518 G
03/28/2015

PTA +1110M +60F +44P 80%R 4/2018
PTA +681NM +.07%F +.04%P 100%US
PTA +5.0PL 2.76SCS +1.1DPR 1.0%DCE
PTA +2.23T +1.88UDC +1.42FLC 79%R 4/2018
PTA +133FE +0.8FI 5.5%SCE

PEAK REALTIME-ET P9 140K GTPI 79%R
840003129128890 99%RHA-I TC TY TV TL TD +2547 G
08/01/2015

PTA +1841M +78F +61P 80%R 4/2018
PTA +740NM +.03%F +.02%P
PTA +4.7PL 2.70SCS -.3DPR 4.0%DCE
PTA +1.77T +1.38UDC +.70FLC 79%R 4/2018
PTA +190FE +0.5FI 7.5%SCE

SNOWBIZ LITTLETON-ETS P9 77K GTPI 96%R
CAN 108251028 100%RHA-NA TR TP TY TV TL +2389 G
05/16/2013

PTA +2552M +75F +63P 98%R 4/2018
PTA +662NM -.07%F -.05%P 63%US
PTA +4.3PL 2.83SCS -1.6DPR 4.5%DCE
PTA +1.43T +.94UDC -.50FLC 96%R 4/2018

SIEMERS MOGUL REAL-DREAM-ET 77K GTPI 84%R
840003011130008 99%RHA-I TY TV TL TD +2330 G
2-11 87 VV+VV DOM 11/20/2012

PTA +704M +53F +36P 85%R 4/2018
PTA +547NM +.10%F +.05%P
PTA +3.7PL 2.83SCS +.4DPR 3.9%DCE
PTA +1.57T +1.54UDC +1.38FLC 85%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-03 2 305 23940 94 4.5 1066 3.4 802 94
365 30070 94 4.5 1363 3.4 1013 94

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 +3.15T +2.36UDC +2.04FLC 99%R 4/2018

PINE-TREE 2149ROBST 4846-ET 50K GTPI 93%R
USA 69804610 100%RHA-NA +2487 G
7-02 87 EEV+V DOM 03/16/2011
PTA +1342M +63F +48P 94%R 4/2018
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

SEAGULL-BAY SUPERSIRE-ET +2536 G
USA 69981349 100%RHA-NA TR TP TC TY TV
6-06 90 EEVV GM 12/17 12/28/2010
PTA +2034M +100F +64P 99%R 4/2018
PTA +827NM +.08%F +.01%P 73%US
PTA +.89T +.66UDC -.06FLC 99%R 4/2018

NO-FLA MASSEY 30194-TW 50K GTPI 90%R
840003008160854 87%RHA-NA +2270 G
4-02 85 VVGE+ 02/19/2011
PTA +386M +43F +21P 93%R 4/2018
PTA +.80T +1.12UDC +1.71FLC 88%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 3 305 23570 101 3.7 866 3.2 752 84
365 26990 102 3.7 1010 3.2 869 88
* 3-06 3 305 30810 102 3.6 1114 3.2 985 90

SEAGULL-BAY SUPERSIRE-ET +2536 G
USA 69981349 100%RHA-NA TR TP TC TY TV
6-06 90 EEVV GM 12/17 12/28/2010
PTA +2034M +100F +64P 99%R 4/2018
PTA +827NM +.08%F +.01%P 73%US
PTA +.89T +.66UDC -.06FLC 99%R 4/2018

FREUREHAVEN FGS LUCY-ET 50K GTPI 86%R
CAN 11398471 100%RHA-NA TY +2159 G
CAN 02Y VG 86 08/01/2011
PTA +1879M +33F +46P 87%R 4/2018
PTA +1.67T +1.41UDC +.73FLC 85%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
CAN 2-01 2 305 31662 4.1 1309 2.9 905
354 35919 4.2 1499 2.9 1038

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 +2.20T +3.09UDC +2.25FLC 99%R 4/2018

CLEAR-ECHO OBSERVER 2283-ET 50K GTPI 90%R
USA 68669883 99%RHA-I +2075 G
6-04 92 EEVEE 2E GMD DOM 11/14/2010
PTA +112M +9F +16P 90%R 4/2018
PTA +1.00T +1.08UDC +.04FLC 90%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-02 2 365 37030 96 3.9 1446 3.3 1231 93
** 4-00 3 294 39210 90 3.7 1455 3.3 1279 90
** 5-00 3 305 42280 88 3.7 1584 3.0 1289 88
335 45860 88 3.8 1742 3.1 1410 88
** 6-01 3 305 40260 87 3.7 1506 3.1 1251 87
365 45820 87 3.8 1724 3.2 1448 87
LIFE 1500 178060 3.8 6798 3.2 5751

DE-SU 521 BOOKEM-ET +2281 G
USA 66636657 99%RHA-I TR TP TY TV TL TD
8-04 90 EEVV GM 8/15 02/21/2009
SULLY SHOTTLE MAY-TW +1943 G

USA 138218285 100%RHA-NA
9-00 91 EEVEE 2E DOM 03/27/2007
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1844 192480 3.6 6852 3.0 5844

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

PINE-TREE ZENITH SHEEN +2007 G
USA 64350530 100%RHA-NA
3-09 87 VV+VV DOM 12/31/2007
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 305 24500 97 3.9 959 3.0 740 90

ROYLANE SOCRA ROBUST-ET +2504 G
USA 64966739 100%RHA-NA TR TV TL TD
3-03 88 VVVV GM 8/15 12/23/2008
AMMON-PEACHEY SHAUNA-ET +2131 G
USA 66228178 100%RHA-NA
8-07 92 EEEEE GMD DOM 04/16/2009
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1256 130040 4.1 5301 3.1 4091

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 +.93T +1.37UDC +.74FLC 99%R 4/2018

NO-FLA OMAN LIANA 21974 +1813
USA 63021911 75%RHA-NA
5-01 85 V++V+ 11/17/2006
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
4-03 3 305 23300 102 4.7 1091 3.5 818 89

ROYLANE SOCRA ROBUST-ET +2504 G
USA 64966739 100%RHA-NA TR TV TL TD
3-03 88 VVVV GM 8/15 12/23/2008
AMMON-PEACHEY SHAUNA-ET +2131 G
USA 66228178 100%RHA-NA
8-07 92 EEEEE GMD DOM 04/16/2009
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1256 130040 4.1 5301 3.1 4091

FLEVO GENETICS SNOWMAN-ET +2069 G
NLD 388965513 100%RHA-NA TV TL
GM 12/14 01/14/2005
PTA +1834M +45F +53P 99%R 4/2018
PTA +1.24T +.62UDC +1.15FLC 99%R 4/2018

FREUREHAVEN SHOTTLE LAUTELLA +1736 G
CAN 9690374 100%RHA-NA BY
CAN 03Y VG 89 06/17/2009
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
CAN 3-00 2 365 45220 3.9 1743 3.0 1349

COYNE-FARMS DORCY-ET +2275 G
USA 139005002 100%RHA-NA BY TC TY TV TL TD
4-09 87 VVV+ 09/17/2007

MOUNTFIELD MARSH MAXINE-ET +2024 G
USA 62784081 100%RHA-NA
2-07 88 VV+VE DOM 04/23/2006

DE-SU OBSERVER-ET +2117 G
USA 65917481 100%RHA-NA TR TP TY TV TL
6-10 91 EEV GM 12/14 11/07/2008
PTA +931M +13F +26P 99%R 4/2018
PTA +1.39T +2.34UDC -.20FLC 99%R 4/2018

CLEAR-ECHO 822 RAMO 1200-ET +1856 G
USA 61765028 99%RHA-I TY
9-11 94 EEEEE 3E DOM 10/17/2004
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
4-04 3 365 39570 95 4.5 1782 3.0 1177 95
*** 9-07 3 355 44150 96 4.3 1879 3.0 1323 96
LIFE 2331 207750 4.2 8631 3.2 6663

Protein reported is true protein.

005390718 43321264 6/14/2018