



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



DE-SU ALTASUBLIME P9 140K GTPI 79%R
840003125982615 99%RHA-I TR TP TC TY TV

PTA +1199M +85F +64P 80%R 4/2018
PTA +705NM +.14%F +.10%P 100%US
PTA +4.0PL 2.73SCS -1.9DPR 3.6%DCE
PTA +1.26T +.83UDC +.82FLC 79%R 4/2018
PTA +204FE -1.3FI 6.2%SCE

DE-SU 11236 BALISTO-ET P9 50K GTPI 98%R
USA 70625988 99%RHA-I TC TY TV TL TD
03/25/2012

PTA +907M +79F +69P 99%R 4/2018
PTA +714NM +.16%F +.15%P 28%US
PTA +4.0PL 2.65SCS -2.4DPR 3.7%DCE
PTA +1.74T +1.04UDC +1.56FLC 99%R 4/2018
PTA +215FE -1.4FI 5.5%SCE

DE-SU SUPERSIRE 2275-ET 9K GTPI 82%R
USA 71813760 100%RHA-NA
3-05 82 V++++ 10/17/2012

PTA +1704M +57F +52P 83%R 4/2018
PTA +523NM -.02%F +.00%P
PTA +4.3PL 2.77SCS -.9DPR 6.2%DCE
PTA +.62T +.30UDC -.02FLC 82%R 4/2018
PTA +125FE -0.4FI 7.8%SCE
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 1-10 3 289 24360 96 3.7 907 3.0 728 80
* 4-02 3 305 30690 95 3.6 1100 3.0 922 83
365 34660 95 3.5 1228 3.0 1051 83

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

DE-SU 521 BOOKEM-ET 50K GTPI 99%R
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 +3.7PL 2.84SCS -1.1DPR 3.9%DCE
PTA +1.46T +1.20UDC +1.19FLC 99%R 4/2018

DE-SU 199-ET 3K GTPI 91%R
USA 69490353 100%RHA-NA
3-03 85 V+V+V GMD 07/15/2010

PTA -70M +66F +36P 91%R 4/2018
PTA +505NM +.25%F +.14%P
PTA +2.8PL 2.53SCS -1.5DPR 5.0%DCE
PTA +1.26T +.74UDC +1.24FLC 89%R 4/2018
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-10 2 305 26240 95 4.5 1182 3.5 908 95
365 30940 95 4.5 1406 3.5 1091 95

SEAGULL-BAY SUPERSIRE-ET 50K GTPI 99%R
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 +6.0PL 2.81SCS -1.3DPR 4.1%DCE
PTA +.89T +.66UDC -.06FLC 99%R 4/2018

DE-SU 218-ET 50K GTPI 88%R
USA 69490372 100%RHA-NA
3-11 85 VVV++ GMD 07/22/2010

PTA +1441M +23F +40P 89%R 4/2018
PTA +278NM -.11%F -.01%P
PTA +1.7PL 2.79SCS -1.0DPR 8.3%DCE
PTA +1.42T +1.40UDC +.71FLC 88%R 4/2018
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-01 3 305 31860 98 3.1 981 2.9 926 84
365 38070 98 3.1 1179 2.9 1109 84
* 3-07 3 291 38320 97 3.0 1168 2.8 1083 83
* 5-10 3 200 23500 3.3 766 2.6 613
LIFE 1387 158280 3.4 5428 3.0 4713

99% Registered Holstein Ancestry (RHA-I)

11H011663 ALTASUBLIME
09/01/2014 MALE

ENSENADA TABOO PLANET-ET +2052 G
USA 60597003 100%RHA-NA TR TP TY TV TL
14-03 92 EEVV GM 12/13 03/03/2003
PTA +1504M +37F +44P 99%R 4/2018
PTA +457NM -.07%F -.01%P 59%US
PTA +.43T +.56UDC -.85FLC 99%R 4/2018

CLEAR-ECHO 822 RAMO 1199-ET IMP GTPI 94%R
USA 61765027 99%RHA-I TL
2-06 86 +VGEV DOM 10/17/2004
PTA +685M -16F +24P 94%R 4/2018
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

DE-SU WATSON +2141 G
USA 64700377 100%RHA-NA TR TY TV TL TD
4-07 90 EEVV GM 12/13 03/19/2008
PTA -75M +44F +20P 99%R 4/2018
PTA +444NM +.17%F +.08%P 80%US
PTA +1.06T +.85UDC +.73FLC 98%R 4/2018

PINE-TREE MISSY MIRANDA-ET +2022 G
USA 61733095 100%RHA-NA
4-03 86 VVV+V DOM 05/01/2004
PTA -105M +39F +24P 96%R 4/2018
PTA +.00T -.08UDC +.74FLC 96%R 4/2018
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-01 2 365 28350 100 4.3 1232 3.6 1007 100
* 3-08 3 305 30980 99 4.9 1532 3.7 1144 91
365 35550 99 4.9 1730 3.7 1325 91
* 7-10 3 305 27830 98 4.1 1153 3.2 899 81
LIFE 1539 122890 4.5 5535 3.6 4482

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 +766NM +.13%F +.05%P 98%US
PTA +.67T +1.23UDC +1.56FLC 99%R 4/2018

AMMON-PEACHEY SHAUNA-ET +2131 G
USA 66228178 100%RHA-NA
8-07 92 EEEEE GMD DOM 04/16/2009
PTA +1700M +53F +50P 95%R 4/2018
PTA +1.75T +1.05UDC +.11FLC 94%R 4/2018
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-01 3 365 35120 97 4.1 1427 3.1 1079 96
* 6-03 3 305 33860 97 3.6 1228 3.0 1027 72
365 40290 97 3.7 1479 3.1 1233 72
* 8-00 3 305 32300 95 4.0 1301 3.2 1034 86
LIFE 1256 130040 4.1 5301 3.1 4091

CHARLESDALE SUPERSTITION-ET +2015 G
USA 62065919 100%RHA-NA TR TP TC TY TV
GM 8/14 12/29/2004
PTA +1134M -9F +29P 99%R 4/2018
PTA +301NM -.18%F -.02%P 37%US
PTA +.75T +.90UDC +.23FLC 99%R 4/2018

DE-SU 7012-ET IMP GTPI 95%R
USA 62720570 100%RHA-NA
7-04 92 EEEEE GMD DOM 12/19/2005
PTA +1188M +24F +28P 96%R 4/2018
PTA +1.76T +1.08UDC +1.25FLC 95%R 4/2018
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-02 3 305 32540 99 3.0 988 3.0 985 87
365 38340 99 3.1 1197 3.1 1171 87
* 6-06 3 305 41600 98 3.4 1413 2.8 1151 84
365 49380 98 3.4 1695 2.8 1378 84
LIFE 992 112500 3.4 3839 2.9 3318

ROSE-BAUM TABOO-ET +1482 G
USA 17121203 100%RHA-NA TV TL
7-01 87 EVV+ GM 8/05 07/16/1996
PLUSHANSKI AMEL PATTY-ET +1788 G
USA 130161039 100%RHA-NA TV
9-05 93 EEEEE 3E GMD DOM 11/20/1998
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* LIFE 2614 256020 3.3 8356 2.9 7325

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

CLEAR-ECHO HERSHL D-RAC 822 +1625 G
USA 60427332 100%RHA-NA
5-01 87 VVVVV DOM 09/12/2001
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* LIFE 1641 152450 3.1 4692 2.8 4343

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

DE-SU 7045-ET +1829 G
USA 62720603 100%RHA-NA
6-08 87 EEVV+ 01/30/2006
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* LIFE 1461 134280 4.0 5379 3.0 3966

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 -1.24T -1.45UDC -.06FLC 99%R 4/2018

WESSWOOD-HC RUDY MISSY-ET +1787 G
USA 122797679 100%RHA-NA TV
9-00 92 EEEEE 3E GMD DOM 08/08/1997
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* LIFE 1262 119610 4.1 4885 3.2 3804

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

SEAGULL-BAY OMAN MIRROR-ET +2327 G
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

ENSENADA TABOO PLANET-ET +2052 G
USA 60597003 100%RHA-NA TR TP TY TV TL
14-03 92 EEVV GM 12/13 03/03/2003
PTA +1504M +37F +44P 99%R 4/2018
PTA +.43T +.56UDC -.85FLC 99%R 4/2018

PINE-TREE MARTHA SHEEN-ET +1936 G
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

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

CHARLESDALE SWEET STAR +1719 G
USA 133701030 100%RHA-NA
2-08 85 +V+VV DOM 10/28/2000

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

DE-SU OMAN 6125-ET +1932
USA 61681446 100%RHA-NA
2-08 82 +V+++ GMD DOM 03/04/2004
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-00 3 305 29300 99 3.3 960 2.9 851 87
365 35290 99 3.3 1153 2.9 1036 87
* 3-03 3 169 19400 3.0 580 2.8 546

Protein reported is true protein.

005390718 43318741 6/14/2018