



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

PEAK ALTAPINETTA-ET P9 140K GTPI 75%R +2705 G
 840003144506030 99%RHA-I TR TP TC TY TV

PTA +1476M +130F +62P 76%R 8/2018
 PTA +930NM +.26%F +.06%P 100%US
 PTA +4.5PL 2.85SCS +.6DPR 4.2%DCE
 PTA +1.35T +1.58UDC +.06FLC 74%R 8/2018
 PTA +252FE +0.5FI 6.3%SCE

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

COGENT SUPERSHOT P9 140K GTPI 98%R +2606 G
 NLD 755898903 100%RHA-NA TY TV TL TD
 GM 8/18 03/14/2013

PTA +2324M +55F +72P 99%R 8/2018
 PTA +766NM -.11%F +.00%P 60%US
 PTA +7.1PL 2.62SCS +2.9DPR 3.5%DCE
 PTA +1.20T +.91UDC +.43FLC 98%R 8/2018

BOMAZ FRIDO 6185 9K GTPI 82%R +2545 G
 USA 72952096 99%RHA-I
 3-00 81 +VGG+ DOM 11/10/2013

PTA +1474M +92F +49P 84%R 8/2018
 PTA +834NM -.13%F +.01%P
 PTA +6.2PL 2.70SCS +1.5DPR 4.7%DCE
 PTA +.52T +1.05UDC +.19FLC 79%R 8/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRG
 2-01 3 305 31840 102 3.9 1244 3.0 956 90
 365 38500 102 4.0 1538 3.1 1193 90

BOMAZ ALTATOPSHOT-ET P9 140K GTPI 79%R +2707 G
 USA 73953444 99%RHA-I TR TP TC TY TV TL
 06/10/2015

PTA +1658M +95F +67P 80%R 8/2018
 PTA +931NM +.12%F +.06%P 100%US
 PTA +6.9PL 2.74SCS +2.9DPR 4.1%DCE
 PTA +.85T +.91UDC -.01FLC 78%R 8/2018
 PTA +216FE +2.7FI 6.2%SCE

SEAGULL-BAY SILVER-ET P9 77K GTPI 98%R +2581 G
 USA 72156794 100%RHA-NA TC TY TV TL TD
 GM 8/18 04/10/2013

PTA +1161M +94F +50P 99%R 8/2018
 PTA +732NM +.18%F +.05%P 48%US
 PTA +3.5PL 2.95SCS -1.2DPR 4.5%DCE
 PTA +2.47T +2.92UDC +1.90FLC 99%R 8/2018

NO-FLA DREW-ET P9 140K GTPI 78%R +2578 G
 840003133886847 99%RHA-I TP TC TY TV TL
 12/22/2015

PTA +1714M +112F +66P 79%R 8/2018
 PTA +849NM +.17%F +.05%P
 PTA +4.0PL 2.97SCS -.9DPR 4.6%DCE
 PTA +1.07T +1.66UDC +.26FLC 77%R 8/2018
 PTA +244FE -0.9FI 6.9%SCE

NO-FLA OAK KRYSTAL 37821-ET 10K GTPI 80%R +2399 G
 840003014562659 99%RHA-I
 3-00 83 VV+++ 01/26/2014

PTA +1438M +76F +51P 82%R 8/2018
 PTA +649NM +.08%F +.03%P
 PTA +2.9PL 2.92SCS +.6DPR 4.6%DCE
 PTA +1.09T +.93UDC +.46FLC 76%R 8/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRG
 2-01 3 305 27870 102 4.2 1161 3.0 847 90
 322 28980 102 4.1 1201 3.1 884 90

SEAGULL-BAY SUPERSIRE-ET +2548 G
 USA 69981349 100%RHA-NA TR TP TC TY TV
 6-06 90 EEVV GM 12/17 12/28/2010
 PTA +1938M +97F +61P 99%R 8/2018
 PTA +841NM +.09%F +.01%P 71%US
 PTA +.86T +.68UDC -.06FLC 99%R 8/2018

ROSE SUPERCLASS 3K GTPI 79%R +2102 G
 DEU 536745399 100%RHA-NA
 02/19/2011
 PTA +968M +19F +36P 80%R 8/2018
 PTA +1.26T +.63UDC +.53FLC 78%R 8/2018

APINA ALTAEMBASSY-ET +2442 G
 NLD 543756297 99%RHA-NA TR TP TC TY TV
 GM 12/14 06/16/2011
 PTA +1721M +78F +34P 99%R 8/2018
 PTA +664NM +.05%F -.06%P 24%US
 PTA +1.13T +1.11UDC +.30FLC 98%R 8/2018
 50K GTPI 82%R

BOMAZ ROBUST 5547-ET +2253 G
 USA 71074577 99%RHA-I
 3-09 85 G+E+E 12/16/2011
 PTA +647M +71F +42P 84%R 8/2018
 PTA +.01T +.47UDC +.14FLC 79%R 8/2018

*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
 1-10 3 305 27680 97 3.9 1089 3.3 928 97
 365 32170 97 3.9 1262 3.3 1077 97
 *** 3-00 3 305 29860 98 4.3 1284 3.5 1044 96
 351 31800 98 4.3 1376 3.5 1116 97
 *** 4-03 3 123 13710 4.1 560 3.1 428

MOUNTFIELD SSI DCY MOGUL-ET +2450 G
 840003006972815 100%RHA-NA TR TP TC TY
 7-00 93 EEVE GM 8/15 06/22/2010
 PTA +1202M +77F +39P 99%R 8/2018
 PTA +624NM +.11%F +.01%P 66%US
 PTA +2.17T +3.11UDC +2.20FLC 99%R 8/2018
 50K GTPI 89%R

SEAGULL-BAY SNOW DARLING-ET +2127 G
 USA 70640273 100%RHA-NA
 4-08 88 EEVEV DOM 07/22/2011
 PTA +1768M +42F +49P 89%R 8/2018
 PTA +1.37T +.80UDC -.65FLC 89%R 8/2018
 * AGE X DAYS MILK DCRM % FAT % PRT DCRG
 2-06 2 305 30600 94 3.4 1045 2.9 902 94
 365 35620 94 3.5 1257 3.0 1077 94

PINE-TREE ALTAOAK-ET +2328 G
 USA 69169951 99%RHA-I TR TP TC TY TV TL
 07/07/2011
 PTA +1876M +65F +54P 99%R 8/2018
 PTA +577NM -.02%F -.01%P 54%US
 PTA +1.28T +1.04UDC +.61FLC 99%R 8/2018

NO-FLA BOOKEM JAMILA 32313 6K GTPI 83%R +2151 G
 840003009524514 99%RHA-I
 3-10 86 VVV+V 01/27/2012
 PTA +647M +36F +36P 87%R 8/2018
 PTA +.89T +.72UDC +.47FLC 76%R 8/2018
 * AGE X DAYS MILK DCRM % FAT % PRT DCRG
 1-10 3 305 28960 102 3.4 999 3.1 895 90X
 3-00 3 305 31940 102 3.7 1193 3.3 1053 90

ROYLANE SOCRA ROBUST-ET +2492 G
 USA 64966739 100%RHA-NA TR TP TC TY TV
 3-03 88 VVVV GM 8/15 12/23/2008

AMMON-PEACHEY SHAUNA-ET +2126 G
 USA 66228178 100%RHA-NA
 8-07 92 EEEEE GMD DOM 04/16/2009
 AGE X DAYS MILK DCRM % FAT % PRT DCRG
 LIFE 1336 136050 4.1 5543 3.2 4295

CHARLESDALE SUPERSTITION-ET +2028 G
 USA 62065919 100%RHA-NA TR TP TC TY TV
 GM 8/14 12/29/2004
 PTA +1128M -8F +29P 99%R 8/2018
 PTA +.74T +.91UDC +.19FLC 99%R 8/2018

CLASSICSHOTTLE +1812 G
 DEU 580590447 100%RHA-NA
 04/21/2006

BADGER-BLUFF FANNY FREDDIE +2101 G
 USA 60996956 99%RHA-NA TP TC TY TV TL
 GM 12/14 10/31/2004

STRAUSSDALE PLANET ELLA +2242 G
 USA 64969166 100%RHA-NA TR TP TC TY TV
 5-04 87 EEVGV GMD DOM 12/01/2008
 AGE X DAYS MILK DCRM % FAT % PRT DCRG
 LIFE 1567 147470 3.8 5595 3.0 4485

ROYLANE SOCRA ROBUST-ET +2492 G
 USA 64966739 100%RHA-NA TR TP TC TY TV
 3-03 88 VVVV GM 8/15 12/23/2008
 PTA +948M +71F +43P 99%R 8/2018
 PTA +.61T +1.21UDC +1.48FLC 99%R 8/2018

BOMAZ MANOMA 4929-ET +2016 G
 USA 68886695 99%RHA-I
 3-03 85 V+G+V 02/09/2010
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRG
 2-10 3 301 30670 97 4.9 1504 3.7 1139 97

COYNE-FARMS DORCY-ET +2250 G
 USA 139005002 100%RHA-NA BY TC TY TV TL TD
 4-09 87 VVV+ 09/17/2007

MOUNTFIELD MARSH MAXINE-ET +2041 G
 USA 62784081 100%RHA-NA
 2-07 88 VV+VE DOM 04/23/2006
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRG
 2-03 2 159 14320 4.3 611 3.2 454

FLEVO GENETICS SNOWMAN-ET +2103 G
 NLD 388965513 100%RHA-NA TV TL
 GM 12/14 01/14/2005
 PTA +1834M +47F +53P 99%R 8/2018
 PTA +1.21T +.62UDC +1.14FLC 99%R 8/2018

AMMON-PEACHEY SHAUNA-ET +2126 G
 USA 66228178 100%RHA-NA
 8-07 92 EEEEE GMD DOM 04/16/2009
 AGE X DAYS MILK DCRM % FAT % PRT DCRG
 LIFE 1336 136050 4.1 5543 3.2 4295

RI-VAL-RE 2338 NIAGRA-ET +1838 G
 USA 62067753 100%RHA-NA TR TP TC TY TV TL TD
 GM 12/12 11/29/2004

PINE-TREE LEIF SUZY-ET +2064 G
 USA 66882395 98%RHA-I
 9-02 91 EEEEE 2E DOM 05/14/2009

DE-SU 521 BOOKEM-ET +2313 G
 USA 66636657 99%RHA-I TR TP TC TY TV TL TD
 8-04 90 EEVV GM 8/15 02/21/2009
 PTA +1322M +30F +48P 99%R 8/2018
 PTA +1.41T +1.21UDC +1.19FLC 99%R 8/2018

NO-FLA JET STREAM 25396-ET +1697 G
 USA 66087375 98%RHA-I
 3-04 79 ++++G 12/04/2008

*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
 * 1-11 3 305 16870 102 5.1 861 3.6 600 90
 * 3-01 3 305 23380 102 4.4 1027 3.3 771 89
 * 4-02 3 129 10860 4.2 457 3.1 337

Protein reported is true protein.

005420783 43604665 8/10/2018