

Holstein Association USA, Inc.

CERTIFICATE OF REGISTRATION

100% Registered Holstein Ancestry (RHA-NA)

REGISTRATION NUMBER	840003138156846 100%RHA-NA	COLOR	BLACK & WHITE	SEX	MALE	HERD NO.	895
NAME	SLATE-HILL LAMBORGHINI-ET TR TC TY TV TL TD			BORN			03/04/17
BREEDER	Delmar Nolt Peach Bottom, PA			ACCOUNT NO.			522891
OWNER	Delmar Nolt Peach Bottom, PA			ACCOUNT NO.			522891
SIRE	DE-SU FEDEX-ET 840003127335650 100%RHA-NA (200HO10586) TR TP TY TV TL TD			ROCKYMOUNTAIN LOTTOMAX-ET CAN 11445882 100%RHA-NA TR TP TY TV TL TD DE-SU MOGUL 2569-ET USA 71814054 100%RHA-NA TR TP TL TD			
DAM	WCD-ZBW SUPERSIRE LILLY-ET 840003012506096 100%RHA-NA TR TL TD			SEAGULL-BAY SUPERSIRE-ET USA 69981349 100%RHA-NA TR TP TC TY TV TL TD FREUREHAVEN LABELLE-ET CAN 11004728 100%RHA-NA BY			

CLASSIFIED

DNA GENOTYPED

A change of ownership for this animal must be recorded in the manner prescribed by the Bylaws of the Holstein Association USA, Inc.

TRANSFER RECORD

The ownership of this animal has been transferred on the records of Holstein Association USA, Inc. as follows.

AI Total US; HUDSON, WI

525062

12/05/17



The animal described by this certificate has been accepted for registration with the Holstein Association USA, Inc. This certificate is issued in full reliance upon the statements in the application for registration. In no event is this certificate a guarantee by the Association of the breeding or ownership of the animal or any other information in this document. The registration may be corrected or expunged from the records of the Association as authorized by the Bylaws of the Association.

DATE ISSUED **01/08/18** **005307073**

TR Tested free of red gene
TC Tested free of CD
TY Tested free of Brachyspina

John M. Meyer
 Executive Secretary



OFFICIAL HOLSTEIN PEDIGREE



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www.holsteinusa.com

100% Registered Holstein Ancestry (RHA-NA)

P9 14K GTPI 74%R
 +2734 G
SLATE-HILL LAMBORGHINI-ET
 840003138156846 100%RHA-NA TR TC TY TV

PTA	+2137M	+83F	+59P	75%R12/2017
PTA	+889NM	+0.01%F	-0.01%P	100%US
PTA	+7.7PL	2.70SCS	+1.2DPR	3.4%DCE
PTA	+2.46T	+1.92UDC	+1.06FLC	75%R12/2017
PTA	+183FE	+1.9FI	7.2%SCE	

03/04/2017 895
 MALE
 AI TOTAL US
 STEVE MOWER
 1515 LIVINGSTONE RD STE B
 HUDSON, WI 54016-9300
 715/808-8653

P9 77K GTPI 95%R
 +2345 G
ROCKYMOUNTAIN LOTTOMAX-ET
 CAN 11445882 100%RHA-NA TR TP TY TV TL
 CAN EX 90 10/26/2012
 CONVERTED YIELD EVALUATION
 PTA +320M +47F +12P 97%R12/2017
 PTA +559NM +.13%F +.01%P 61%US
 PTA +7.6PL 2.79SCS +3.0DPR 5.7%DCE
 PTA +2.06T +2.24UDC +.85FLC 96%R12/2017

12K GTPI 82%R
 +2562 G
DE-SU MOGUL 2569-ET
 USA 71814054 100%RHA-NA TR TP TL TD
 3-08 87 +VGV DOM 02/13/2013

PTA	+1061M	+86F	+41P	83%R12/2017
PTA	+747NM	+0.17%F	+0.03%P	
PTA	+6.6PL	2.82SCS	+0.7DPR	4.0%DCE
PTA	+1.96T	+2.20UDC	+0.87FLC	83%R12/2017

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
*	3	-03	3	305	29900	95	4.8	1449	3.3 989 80

P9 140K GTPI 78%R
 +2574 G
DE-SU FEDEX-ET
 840003127335650 100%RHA-NA TR TP TY TV
 03/26/2015

PTA	+1072M	+78F	+29P	79%R12/2017
PTA	+769NM	+0.14%F	-0.01%P	100%US
PTA	+7.8PL	2.63SCS	+1.8DPR	3.9%DCE
PTA	+2.00T	+2.24UDC	+1.21FLC	79%R12/2017
PTA	+137FE	+2.0FI	5.7%SCE	

40K GTPI 82%R
 +2485 G
WCD-ZBW SUPERSIRE LILLY-ET
 840003012506096 100%RHA-NA TR TL TD
 3-06 86 EVE+V DOM 06/02/2013

PTA	+1857M	+82F	+64P	83%R12/2017
PTA	+697NM	+0.04%F	+0.03%P	
PTA	+4.3PL	2.90SCS	-0.8DPR	4.5%DCE
PTA	+1.76T	+1.01UDC	+0.40FLC	84%R12/2017
PTA	+194FE	+0.0FI	8.0%SCE	

50K GTPI 99%R
 +2607 G
SEAGULL-BAY SUPERSIRE-ET
 USA 69981349 100%RHA-NA TR TP TC TY TV
 6-06 90 EEVV GM 12/17 12/28/2010

PTA	+2070M	+101F	+65P	99%R12/2017
PTA	+872NM	+0.08%F	+0.01%P	74%US
PTA	+7.1PL	2.82SCS	+0.6DPR	4.2%DCE
PTA	+0.88T	+0.63UDC	-0.07FLC	99%R12/2017

50K GTPI 87%R
 +2084 G
FREUREHAVEN LABELLE-ET
 CAN 11004728 100%RHA-NA BY
 3-11 90 VEVVE 04/27/2011

PTA	+809M	+25F	+36P	88%R12/2017
PTA	+291NM	-0.02%F	+0.04%P	
PTA	+0.6PL	2.89SCS	+0.6DPR	6.4%DCE
PTA	+1.47T	+1.49UDC	+0.38FLC	88%R12/2017

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC
***	1	-11	3	305	34740	100	4.3	1496	3.1 1076 96X
***	3	-05	3	305	31830	96	3.8	1221	3.1 975 79
***	5	-00	3	305	29900	97	4.2	1262	2.9 877 81
					365	32900	97	4.2	1385 3.0 984 81
LIFE			1409	124800			4.1	5103	3.1 3908

Protein reported is true protein.

005307073

42482184

1/8/2018

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2112178 50M 7/17



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1 Holstein Place, Brattleboro, VT 05302-0808
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DNA GENOTYPE CERTIFICATE

NAME: 840003138156846 M SLATE-HILL LAMBORGHINI-ET
DOB: 03/04/2017 M17116885

SIRE: 840 3127335650 DE-SU FEDEX-ET
DAM: 840 3012506096 WCD-ZBW SUPERSIRE LILLY-ET

BM1818	266/266
BM1824	188/188
BM2113	135/139
CYP21	189/189
ETH10	219/223
ETH225	148/148
ETH3	117/129
INRA023	202/206
RM067	92 /92
SPS115	248/248
TGLA126	115/117
TGLA122	143/149
TGLA227	89 /89
TGLA53	158/168
MGTG4B	141/149
SPS113	151/151

Parentage Status: Qualifies

Date Tested: 10/04/2017
Date Issued: 12/04/2017

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.



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CERTIFICATE OF GENETIC RECESSIVES

NAME: 840003138156846 M SLATE-HILL LAMBORGHINI-ET
DOB: 03/04/2017 Herd Mgt #: 895
SIRE: 840 3127335650 DE-SU FEDEX-ET
DAM: 840 3012506096 WCD-ZBW SUPERSIRE LILLY-ET

HCD - Holstein Cholesterol Deficiency
TC - This animal tested free of HCD

Recvd: 10/03/2017

DUMPS - Deficiency of Monophosphate Synthase
TD - This animal tested Free of DUMPS

Recvd: 10/03/2017

BLAD - Bovine Leukocyte Adhesion Deficiency
TL - This animal tested Free of BLAD

Recvd: 10/03/2017

CCL - Coat Color
TR - This animal tested Free of Red

Recvd: 10/03/2017

CVM - Complex Vertebral Malformation
TV - This animal tested Free of CVM

Recvd: 10/03/2017

BRSP - Brachyspina
TY - This animal tested free of BRSP

Recvd: 10/03/2017



HOLSTEIN ASSOCIATION USA, INC.

1 Holstein Place, PO Box 808, Brattleboro, VT 05302-0808

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Genetic Code Report

SLATE-HILL LAMBORGHINI-ET 840003138156846 HMID: 895

Delmar Nolt, Peach Bottom PA

DOB: 03/04/2017

Sire: DE-SU FEDEX-ET

840003127335650

Dam: WCD-ZBW SUPERSIRE LILLY-ET

840003012506096

GENETIC CONDITIONS	Lamborghini	SIRE	DAM
CVM	TV HHCT(Non-Carrier)	TV HHCT	HHCT
Brachyspina	TY HH0T(Non-Carrier)	TY HH0T	HH0C
BLAD	TL HHBT(Non-Carrier)	TL HHBT	TL HHBT
DUMPS	TD HHDT(Non-Carrier)	TD HHDT	TD HHDT
Mulefoot	HHMT(Non-Carrier)	HHMT	HHMT
Cholesterol Deficiency	HCD0(Non-Carrier)	HCD0	HCD0
Horned/Polled	HHPT(Non-Carrier)	TP HHPT	HHPT
Dominant Red	HDRT(Non-Carrier)	HDRT	HDRT
Recessive Red	TR HRR0(Non-Carrier)	TR HRR0	TR HRR0
Black/Red	HBRT(Non-Carrier)	HBRT	HBRT
HAPLOTYPES IMPACTING FERTILITY			
Haplotype 1	HH1T(Non-Carrier)	HH1T	HH1T
Haplotype 2	HH2T(Non-Carrier)	HH2T	HH2T
Haplotype 3	HH3T(Non-Carrier)	HH3T	HH3T
Haplotype 4	HH4T(Non-Carrier)	HH4T	HH4T
Haplotype 5	HH5T(Non-Carrier)	HH5T	HH5T
MILK PROTEINS			
Beta Casein A/B			AA
Beta Casein A2	A1/A1		
Beta Lactoglobulin			AB
Kappa Casein	AA		AE
OTHER			
Citrullinemia			T
Leptin			CC

For more on interpreting this report, visit www.holsteinusa.com

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