

Holstein Association USA, Inc.

CERTIFICATE OF REGISTRATION

98% Registered Holstein Ancestry (RHA-I)

REGISTRATIONNUMBER **840003138817712 98%RHA-I**COLOR **BLACK & WHITE**SEX **MALE (515HO309)****HERD NO.****3384**NAME **WELCOME KHAL-ET**BORN **12/27/16**BREEDER **Welcome Stock Farm, LLC
SCHUYLerville, NY**ACCOUNT NO. **500014**OWNER **Welcome Stock Farm, LLC
SCHUYLerville, NY**ACCOUNT NO. **500014**SIRE **DG CHARLEY
DEU 538920253 99%RHA-I (29HO17500)
TC TV TL TY TD****COGENT SUPERSHOT
NLD 755898903 100%RHA-NA TV TL TY TD****DG CANDIDE
NLD 548077249 99%RHA-I TL TD**DAM **WELCOME DAMARIS KHLOE-ET
840003126283412 96%RHA-I****S-S-I STERLING DAMARIS-ET
840003011538150 99%RHA-I TR TP TV TL TY TD****NO-FLA MCCUTCHEN 35703-ET
840003011527652 93%RHA-I****CLASSIFIED****Genotyped****840003138817712**

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****09/01/17**

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

09/28/17**005216929**

John M. Meyer
Executive Secretary



OFFICIAL HOLSTEIN PEDIGREE



U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

U.S. Registered Holsteins
FOR MAXIMUM PROFIT

www.holsteinusa.com

98% Registered Holstein Ancestry (RHA-I)

P9 30K GTPI 72%R
+2710 G

515HO00309 KHAL
12/27/2016 MALE

WELCOME KHAL-ET

840003138817712 98%RHA-I

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

PTA	+1949M	+75F	+64P	74%R	8/2017
PTA	+855NM	+.01%F	+.02%P	100%US	
PTA	+7.9PL	2.69SCS	+1.4DPR	5.5%DCE	
PTA	+2.03T	+1.86UDC	+1.85FLC	72%R	8/2017
PTA	+200FE	+1.8FI	8.1%SCE		

COGENT SUPERSHOT

NLD 755898903 100%RHA-NA TV TL TY TD
03/14/2013

PTA	+1963M	+45F	+60P	96%R	8/2017
PTA	+694NM	-.10%F	+.00%P	78%US	
PTA	+7.9PL	2.74SCS	+2.7DPR	4.7%DCE	
PTA	+1.18T	+.78UDC	+.54FLC	94%R	8/2017

DG CANDIDE

NLD 548077249 99%RHA-I TL TD
08/26/2013

PTA	+702M	+65F	+30P	80%R	8/2017
PTA	+570NM	+.14%F	+.03%P		
PTA	+4.7PL	2.85SCS	-.6DPR	5.2%DCE	
PTA	+1.81T	+2.39UDC	+1.63FLC	80%R	8/2017

DG CHARLEY

DEU 538920253 99%RHA-I TC TV TL TY TD
04/06/2015

PTA	+1700M	+67F	+56P	78%R	8/2017
PTA	+824NM	+.02%F	+.02%P	100%US	
PTA	+8.3PL	2.66SCS	+2.6DPR	4.3%DCE	
PTA	+1.48T	+1.56UDC	+.98FLC	77%R	8/2017
PTA	+172FE	+2.9FI	7.4%SCE		

WELCOME DAMARIS KHLOE-ET

840003126283412 96%RHA-I
04/04/2015

PTA	+1304M	+52F	+44P	78%R	8/2017
PTA	+696NM	+.01%F	+.02%P		
PTA	+8.1PL	2.74SCS	+1.9DPR	4.9%DCE	
PTA	+2.32T	+1.73UDC	+2.08FLC	77%R	8/2017
PTA	+130FE	+2.3FI	6.2%SCE		

S-S-I STERLING DAMARIS-ET

840003011538150 99%RHA-I TR TP TV TL TY
01/22/2013

PTA	+1525M	+50F	+51P	95%R	8/2017
PTA	+712NM	-.02%F	+.02%P	100%US	
PTA	+9.1PL	2.90SCS	+1.7DPR	6.0%DCE	
PTA	+1.78T	+1.36UDC	+1.97FLC	90%R	8/2017

NO-FLA MCCUTCHEN 35703-ET

840003011527652 93%RHA-I
4-04 90 EVEEE DOM 04/21/2013

PTA	+1204M	+62F	+36P	82%R	8/2017
PTA	+584NM	+.06%F	+.00%P		
PTA	+4.8PL	2.71SCS	+.6DPR	4.3%DCE	
PTA	+2.83T	+2.02UDC	+1.76FLC	82%R	8/2017

AGE	X	DAYS	MILK	DCRM	%	FAT	%	PRT	DCRC	
***	2-04	3	305	29620	100	4.0	1182	3.0	901	90
			365	35420	100	4.0	1416	3.0	1076	90



Holstein Association USA, Inc.

1 Holstein Place • PO Box 808 • Brattleboro, VT 05302-0808
800.952.5200 • Fax: 802.254.8251
www.holsteinusa.com

DNA GENOTYPE CERTIFICATE

NAME: 840003138817712 M WELCOME KHAL-ET
DOB: 12/27/2016 M17117014

SIRE: DEU 538920253 DG CHARLEY
DAM: 840 3126283412 WELCOME DAMARIS KHLOE-ET

BM1818	266/266
BM1824	178/188
BM2113	127/139
CYP21	194/198
ETH10	209/223
ETH225	148/150
ETH3	129/129
INRA023	214/214
RM067	92 /92
SPS115	248/248
TGLA126	115/115
TGLA122	163/183
TGLA227	89 /97
TGLA53	158/158
MGTG4B	135/141
SPS113	151/155

Parentage Status: Qualifies

Date Tested: 10/24/2017
Date Issued: 10/24/2017

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.
005256935



HOLSTEIN ASSOCIATION USA, INC.

1 Holstein Place, PO Box 808, Brattleboro, VT 05302-0808
www.holsteinusa.com 800.952.5200

Genetic Code Report

WELCOME KHAL-ET 840003138817712 HMID: 3384

AI Total US, Hudson WI

DOB: 12/27/2016

Sire: DG CHARLEY

DEU 538920253

Dam: WELCOME DAMARIS KHLOE-ET

840003126283412

GENETIC CONDITIONS	Khal	SIRE	DAM
CVM	TV HHCT(Non-Carrier)	TV HHCT	HHCT
Brachyspina	TY HH0T(Non-Carrier)	TY HH0T	HH0T
BLAD	TL HHBT(Non-Carrier)	TL HHBT	HHBT
DUMPS	TD HHDT(Non-Carrier)	TD HHDT	HHDT
Mulefoot	HHMT(Non-Carrier)	HHMT	HHMT
Cholesterol Deficiency	HCD0(Non-Carrier)	HCD0	HCD0
Horned/Polled	HHPT(Non-Carrier)	HHPT	HHPT
Dominant Red	HDRT(Non-Carrier)	HDRT	HDRT
Recessive Red	HRR0(TR)	HRR0	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 A2	A2/A2		
Kappa Casein	AB		

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

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Guelph, ON N1G 4P7
Canada

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KAPPA CASEIN REPORT – (KCS)			
REPORT ISSUE TO		REPORT DETAILS	
ISSUED TO HOLSTEIN ASSOCIATION USA 1 HOLSTEIN PL. BRATTLEBORO, VT 05302- 0808 USA	OWNER INFORMATION	MAXXAM CASE NBR. HU2017117014	REPORT I.D. 1
		RECEIVED DATE 2017/10/18	REPORT DATE 2017/10/30
		SAMPLE CONDITION ACCEPTABLE	SAMPLE TYPE HAIR
		TEST METHOD KCS DIAGNOSTIC ASSAY	TEST DATE 2017/10/30
SUBJECT ANIMAL DETAILS			
NAME WELCOME KHAL-ET		BREED HOLSTEIN USA	
TATTOO NUMBER	REGISTRATION NUMBER 840 3138817712		BARCODE HAU0999284A-01
SEX MALE		YEAR OF BIRTH 2016	
SIRE DETAILS		DAM DETAILS	
NAME DG CHARLEY		NAME WELCOME DAMARIS KHLOE-ET	
TATTOO NUMBER	REGISTRATION NUMBER DEU 538920253	TATTOO NUMBER	REGISTRATION NUMBER 840 3126283412
RESULTS		COMMENTS	
AB			

Becky Henderson
Senior Customer Service Representative

Signature indicates generation of DNA genetic marker report from previously analyzed data.
The results relate only to the sample submitted and/or the sub-sample tested.
This DNA profile is standardized to the specifications of the International Society of Animal Genetics (ISAG)
Test performed by Maxxam Analytics Forensic and DNA Services Division 335 Laird Rd, Unit 2, Guelph, Ontario N1G 4P7.
ISAG Institutional Membership code 84509
Industrial Standards Organization 17025 (ISO) and International Committee for Animal Recording (ICAR) accredited

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