



U.S. Registered Holsteins
FOR MAXIMUM PROFIT



011H011293

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: DEU 537222111 M ALTA ECHELON-ET
DOB: 02/10/2012 DS1231842

SIRE: USA 64966739 ROYLANE SOGRA ROBUST-ET
DAM: USA 137728181 NOVA-TMJ GOLDEN ECHO-ETS

BM1818 266/268
BM1824 178/182
BM2113 135/137
CYP21 000/000
ETH10 217/219
ETH225 148/148
ETH3 117/117
INRA023 202/206
RM067 000/000
SPS115 252/252
TGLA126 115/117
TGLA122 161/183
TGLA227 89 /91
TGLA53 158/186
MGTG4B 000/000
SPS113 000/000

We hereby certify that this is a true copy of the genotyping on file for the animal listed above as reflected on the records of the Holstein Association USA, Inc.

Jenifer Levissee-Phillips
Manager, Quality Assurance

Parentage Status: Qualifies

Date Tested: 04/13/2012
Date Issued: 02/05/2015

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.
004658963