



U.S. Registered Holsteins
FOR MAXIMUM PROFIT



Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: USA 59109652 M FURNACE-HILL J SURRENDER-ET
DOB: 09/02/2013 M14100921

SIRE: USA 70625846 DE-SU ALTAJACKMAN-ET
DAM: USA 66676321 LADYS-MANOR PL SHANDRA-ET

BM1818	262/262
BM1824	180/180
BM2113	125/127
CYP21	189/189
ETH10	219/225
ETH225	144/150
ETH3	117/129
INRA023	202/214
RM067	92 /92
SPS115	248/256
TGLA126	115/115
TGLA122	143/163
TGLA227	87 /97
TGLA53	162/176
MGTG4B	141/141
SPS113	141/153

Parentage Status: Qualifies

Date Tested: 03/28/2014
Date Issued: 03/28/2014

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.
004457071

011HO11484