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Holstein Association USA, Inc.

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## DNA GENOTYPE CERTIFICATE

**NAME:** USA 141548340 M MICHIGAN BUMBLEBEE-ET  
**DOB:** 10/18/2011 M12091753

**SIRE:** USA 66636657 DE-SU 521 BOOKEM-ET  
**DAM:** USA 140265202 MICHIGAN BRNC LINDA 4622-ET

BM1818	262/264
BM1824	188/188
BM2113	125/127
CYP21	187/189
ETH10	219/219
ETH225	144/148
ETH3	125/129
INRA023	214/214
RM067	92 /92
SPS115	248/248
TGLA126	115/117
TGLA122	163/171
TGLA227	87 /89
TGLA53	162/176
MGTG4B	143/149
SPS113	151/153

**Parentage Status:** Qualifies

**Date Tested:** 10/29/2012  
**Date Issued:** 06/19/2013

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