

BOVINE DNA GENETIC MARKER REPORT			
REPORT ISSUE TO	OWNER INFORMATION	REPORT DETAILS	
HOLSTEIN ASSOCIATION USA 1 HOLSTEIN PL. BRATTLEBORO, VT 05302-0808 USA		MAXXAM CASE NBR. HU2017115778	REPORT I.D. 1
		RECEIVED DATE 2017/06/07	REPORT DATE 2018/03/12
		SAMPLE CONDITION ACCEPTABLE	SAMPLE TYPE HAIR
		TEST METHOD PARENT VERIFICATION	TEST DATE 2017/06/08
SUBJECT ANIMAL DETAILS			
NAME SPEEK-NJ R ALTEREGO-ET		BREED HOLSTEIN USA	
TATTOO NUMBER	REGISTRATION NUMBER 840 3139951896	BARCODE HAU0985398A-01	
SEX MALE		YEAR OF BIRTH 2017	
SIRE DETAILS		DAM DETAILS	
NAME ABS RAIDEN-ET		NAME T-GEN-AC ABS 7273 ARI-ET	
TATTOO NUMBER	REGISTRATION NUMBER 840 3014558962	TATTOO NUMBER	REGISTRATION NUMBER 840 3128557273

RESULTS							
BM 1818	BM 1824	BM 2113	CYP 21	ETH 10	ETH 225	ETH 3	INRA 23
262/270	178/188	139	189	209/219	144/148	129	202/214
RM 067	SPS 115	TGLA 126	TGLA 122	TGLA 227	TGLA 53	MGTG 4B	SPS 113
92	252	117	143/163	89/97	158/168	141/149	141/151
COMMENTS: THE SIRE AND DAM INDICATED ABOVE DO QUALIFY.							



Heather Allen, M.Sc.
Senior Analyst

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