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DNA PROFILE CERTIFICATE

General Information:

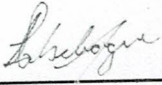
Test Animal	
ANIMAL ID/NAME	DO17-87
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	MALE
OWNER	FM DE JAGER
LAB. NO	ZOBOS20-06184

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	77
BM2113	133	137
TGLA053	Not Detected	
ETH10	211	213
ILSTS011	Not Detected	
SPS113	Not Detected	
RM067	90	102
TGLA126	115	125
TGLA122	137	151
INRA023	202	206

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	103	121
ETH225	158	158
BM1824	178	182
SPS115	246	248
CSRM060	100	110
MGTG4B	137	149
CSSM066	181	185
ILSTS006	Not Detected	

The DNA profile represents the standardised alleles for the 12 International Society for Animal Genetics (ISAG, 2016) recommended markers. These alleles were obtained from STR analysis by capillary electrophoresis. The DNA profile includes additional markers as recommended by the Food and Agriculture Organization of the United Nations (FAO) for routine bovine parentage testing and identification.


Dr Christiaan Labuschagne
Genomics Manager

27 July 2020

Date

**See disclaimer on reverse side


ISAG
Institutional Member