

DNA PROFILE CERTIFICATE

General Information:

Bossiekop.

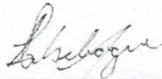
Test Animal	
ANIMAL ID/NAME	DO17-67
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	MALE
OWNER	FM DE JAGER
LAB. NO	ZOBOS20-06183

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	77
BM2113	135	135
TGLA053	Not Detected	
ETH10	213	217
ILSTS011	Not Detected	
SPS113	Not Detected	
RM067	90	90
TGLA126	119	125
TGLA122	137	147
INRA023	Not Detected	

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	117	121
ETH225	148	148
BM1824	188	188
SPS115	Not Detected	
CSRM060	100	102
MGTG4B	141	151
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**