



Tel: 071 493 21 37
Email: info@ZooOmicS.co.za
Physical Address: 525 Justice Mahomed Str, Muckleneuk, Pretoria 0002
Postal Address: PO Box 14356, Hatfield, Pretoria 0028

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	TOR 16 0089
MICROCHIP NUMBER	Not Provided
SPECIES	CATTLE
GENDER	
OWNER	
LAB. NO	ZOBOS19-00619

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	89
BM2113	135	139
TGLA053	166	186
ETH10	211	217
ILSTS011	268	268
SPS113	147	151
RM067	92	92
TGLA126	115	125
TGLA122	137	137
INRA023	202	214

STR Marker	Allele 1	Allele 2
BM1818	264	266
ETH003	121	125
ETH225	140	148
BM1824	188	192
SPS115	248	248
CSRM060	100	102
MGTG4B	145	149
CSSM066	187	199
ILSTS006	292	296

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.

20 August 2019