



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 0220
MICROCHIP NUMBER	Not Provided
SPECIES	CATTLE
GENDER	
OWNER	
LAB. NO	ZOBOS19-00624

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	125	139
TGLA053	166	182
ETH10	211	221
ILSTS011	268	268
SPS113	143	143
RM067	90	92
TGLA126	117	117
TGLA122	137	137
INRA023	196	206

STR Marker	Allele 1	Allele 2
BM1818	260	266
ETH003	115	121
ETH225	140	151
BM1824	180	180
SPS115	248	254
CSRM060	92	110
MGTG4B	139	149
CSSM066	189	189
ILSTS006	288	292

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