



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 0115
MICROCHIP NUMBER	Not Provided
SPECIES	CATTLE
GENDER	
OWNER	
LAB. NO	ZOBOS19-00610

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	81
BM2113	137	137
TGLA053	164	164
ETH10	211	213
ILSTS011	268	268
SPS113	141	141
RM067	90	92
TGLA126	115	125
TGLA122	153	187
INRA023	196	202

STR Marker	Allele 1	Allele 2
BM1818	258	266
ETH003	117	121
ETH225	140	148
BM1824	182	188
SPS115	248	256
CSRM060	96	102
MGTG4B	133	135
CSSM066	185	189
ILSTS006	288	294

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