



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 0114
MICROCHIP NUMBER	Not Provided
SPECIES	CATTLE
GENDER	
OWNER	
LAB. NO	ZOBOS19-00621

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	87
BM2113	133	137
TGLA053	158	180
ETH10	211	221
ILSTS011	266	268
SPS113	141	147
RM067	90	92
TGLA126	115	117
TGLA122	143	187
INRA023	202	214

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	121	127
ETH225	140	148
BM1824	180	180
SPS115	248	256
CSRM060	98	102
MGTG4B	135	149
CSSM066	187	189
ILSTS006	294	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