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Postal Address: PO Box 14356, Hatfield, Pretoria 0028

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	DWB130146
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	-
OWNER	DENBOT BONSMARA
LAB. NO	ZOBOS20-07711

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	77
BM2113	125	139
TGLA053	Not Detected	
ETH10	211	221
ILSTS011	268	268
SPS113	141	153
RM067	94	102
TGLA126	Not Detected	
TGLA122	143	143
INRA023	198	202

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	117	125
ETH225	140	158
BM1824	180	182
SPS115	256	260
CSRM060	96	100
MGTG4B	135	137
CSSM066	189	197
ILSTS006	292	301

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

21 September 2020

Date

****See disclaimer on reverse side**


ISAG
Institutional Member



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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	DWB160001
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	-
OWNER	DENBOT BONSMARA
LAB. NO	ZOBOS20-07712

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	77
BM2113	133	133
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	268	268
SPS113	147	153
RM067	92	92
TGLA126	Not Detected	
TGLA122	143	143
INRA023	202	214

STR Marker	Allele 1	Allele 2
BM1818	266	266
ETH003	117	117
ETH225	140	150
BM1824	182	188
SPS115	248	254
CSRM060	92	100
MGTG4B	135	137
CSSM066	185	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.


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