



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	WV2150
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Male
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26126

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	125	125
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	268	268
SPS113	141	153
RM067	102	102
TGLA126	Not Detected	
TGLA122	143	149
INRA023	206	212

STR Marker	Allele 1	Allele 2
BM1818	260	266
ETH003	117	117
ETH225	150	150
BM1824	180	180
SPS115	248	252
CSRM060	100	100
MGTG4B	135	145
CSSM066	185	193
ILSTS006	292	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.

Dr Christiaan Labuschagne
Genomics Manager

10 February 2022

Date

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ISAG
Institutional Member

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	SW1265
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Female
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26127

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	89
BM2113	141	141
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	268	268
SPS113	Not Detected	
RM067	92	102
TGLA126	Not Detected	
TGLA122	149	151
INRA023	202	212

STR Marker	Allele 1	Allele 2
BM1818	266	266
ETH003	117	127
ETH225	150	150
BM1824	180	182
SPS115	248	252
CSRM060	100	104
MG TG4B	145	147
CSSM066	183	193
ILSTS006	Not Detected	

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	WV2157
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Male
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26128

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	87	87
BM2113	137	137
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	264	268
SPS113	149	151
RM067	96	102
TGLA126	Not Detected	
TGLA122	143	143
INRA023	206	218

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	119	125
ETH225	150	150
BM1824	182	188
SPS115	248	256
CSRM060	98	112
MGTG4B	135	143
CSSM066	185	191
ILSTS006	292	300

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	WV1651
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Female
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26129

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	87	89
BM2113	125	137
TGLA053	Not Detected	
ETH10	Not Detected	
ILSTS011	268	268
SPS113	Not Detected	
RM067	96	102
TGLA126	Not Detected	
TGLA122	143	183
INRA023	206	212

STR Marker	Allele 1	Allele 2
BM1818	262	262
ETH003	119	127
ETH225	148	150
BM1824	188	188
SPS115	256	260
CSRM060	100	112
MGTG4B	137	143
CSSM066	185	193
ILSTS006	Not Detected	

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	WV2153
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Male
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26130

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	83	89
BM2113	137	137
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	264	266
SPS113	140	140
RM067	90	102
TGLA126	Not Detected	
TGLA122	143	153
INRA023	198	212

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	121	125
ETH225	150	150
BM1824	178	180
SPS115	248	256
CSRM060	98	102
MGTG4B	135	135
CSSM066	189	191
ILSTS006	288	294

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	WV1655
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Female
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26131

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	135	135
TGLA053	Not Detected	
ETH10	Not Detected	
ILSTS011	266	266
SPS113	Not Detected	
RM067	90	94
TGLA126	Not Detected	
TGLA122	153	157
INRA023	200	212

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	Not Detected	
ETH225	148	150
BM1824	180	180
SPS115	248	256
CSRM060	96	102
MGTG4B	135	135
CSSM066	189	191
ILSTS006	Not Detected	

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	WV2151
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Female
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26132

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	Not Detected	
BM2113	Not Detected	
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	264	264
SPS113	151	153
RM067	94	106
TGLA126	Not Detected	
TGLA122	143	155
INRA023	208	218

STR Marker	Allele 1	Allele 2
BM1818	266	270
ETH003	Not Detected	
ETH225	148	151
BM1824	182	182
SPS115	248	248
CSRM060	Not Detected	
MGTG4B	135	135
CSSM066	189	191
ILSTS006	Not Detected	

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	WDC1464
MICROCHIP NUMBER	-
SPECIES	CATTLE
GENDER	Female
OWNER	WILLIE VENTER
LAB. NO	ZOCA2022-26133

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	83	91
BM2113	125	131
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	264	266
SPS113	Not Detected	
RM067	90	106
TGLA126	Not Detected	
TGLA122	151	151
INRA023	208	218

STR Marker	Allele 1	Allele 2
BM1818	260	270
ETH003	Not Detected	
ETH225	148	148
BM1824	178	182
SPS115	248	248
CSRM060	Not Detected	
MGTG4B	135	135
CSSM066	189	193
ILSTS006	Not Detected	

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