



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	JJP200519
MICROCHIP NUMBER	-
SPECIES	Cattle
GENDER	Male
OWNER	JJ Prinsloo
LAB. NO	ZOCA2024-66014

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	77
BM2113	127	141
TGLA053	160	164
ETH10	211	217
ILSTS011	263	268
SPS113	135	137
RM067	90	94
TGLA126	123	123
TGLA122	Not Detected	
INRA023	208	214

STR Marker	Allele 1	Allele 2
BM1818	264	266
ETH003	115	115
ETH225	140	158
BM1824	192	192
SPS115	Not Detected	
CSRM060	94	102
MG TG4B	147	147
CSSM066	187	195
ILSTS006	288	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

05 March 2024

Date

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	JJP200518
MICROCHIP NUMBER	-
SPECIES	Cattle
GENDER	Male
OWNER	JJ Prinsloo
LAB. NO	ZOCA2024-66012

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	87
BM2113	135	139
TGLA053	160	184
ETH10	209	209
ILSTS011	261	261
SPS113	141	143
RM067	90	106
TGLA126	123	123
TGLA122	Not Detected	
INRA023	196	198

STR Marker	Allele 1	Allele 2
BM1818	260	264
ETH003	115	125
ETH225	140	158
BM1824	178	192
SPS115	Not Detected	
CSRM060	92	94
MGTG4B	137	149
CSSM066	183	185
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

05 March 2024

Date

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	JJP210524
BREED	Boran
SPECIES	Bovine
GENDER	-
OWNER	JJ Prinsloo
LAB. NO	ZOCA2024-80889

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	79	89
BM2113	129	141
TGLA053	160	166
ETH10	209	209
ILSTS011	261	268
SPS113	141	143
RM067	Not Detected	
TGLA126	123	123
TGLA122	137	137
INRA023	198	198

STR Marker	Allele 1	Allele 2
BM1818	264	272
ETH003	117	117
ETH225	158	158
BM1824	178	178
SPS115	248	248
CSRM060	92	92
MGTG4B	137	149
CSSM066	183	187
ILSTS006	296	296

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

06 December 2024

Date

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	JJP220509
BREED	Boran
SPECIES	Bovine
GENDER	Male
OWNER	JJ Prinsloo
LAB. NO	ZOCA2025-83302

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	77
BM2113	135	141
TGLA053	160	164
ETH10	209	217
ILSTS011	268	268
SPS113	137	141
RM067	Not Detected	
TGLA126	117	121
TGLA122	Not Detected	
INRA023	196	208

STR Marker	Allele 1	Allele 2
BM1818	260	272
ETH003	117	117
ETH225	154	158
BM1824	178	192
SPS115	248	248
CSRM060	92	110
MGTG4B	143	147
CSSM066	179	187
ILSTS006	Not Detected	

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

13 February 2025

Date

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