

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BG200045
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	
OWNER	GILLIE & BARY VAN ZYL
LAB. NO	ZOCA2021-18595

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	89
BM2113	135	137
TGLA053	170	180
ETH10	217	219
ILSTS011	266	268
SPS113	Not Detected	
RM067	90	90
TGLA126	115	117
TGLA122	151	151
INRA023	206	208

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	117	121
ETH225	144	146
BM1824	178	190
SPS115	254	260
CSRM060	98	104
MG TG4B	135	151
CSSM066	193	197
ILSTS006	292	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

02 August 2021

Date

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CVML15/AG/00226

ISAG
Institutional Member

06-Mar-15

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- 2** It is the responsibility of the client that all biological samples are available or has previously been submitted, and corresponds with all requested samples listed on the sample submission form. Inqaba Biotechnical Industries Pty Ltd and the divisions thereof does not accept responsibility for the effect of any absent samples on the analysis results;
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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BG200053
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	
OWNER	GILLIE & BARY VAN ZYL
LAB. NO	ZOCA2021-18597

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	Not Detected	
BM2113	137	137
TGLA053	168	180
ETH10	217	217
ILSTS011	266	268
SPS113	Not Detected	
RM067	90	98
TGLA126	119	123
TGLA122	151	151
INRA023	206	206

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	Not Detected	
ETH225	144	146
BM1824	178	178
SPS115	252	260
CSRM060	96	102
MGTG4B	135	137
CSSM066	197	197
ILSTS006	292	292

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BG200051
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	
OWNER	GILLIE & BARY VAN ZYL
LAB. NO	ZOCA2021-18596

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	83	97
BM2113	135	137
TGLA053	Not Detected	
ETH10	217	219
ILSTS011	Not Detected	
SPS113	Not Detected	
RM067	90	90
TGLA126	Not Detected	
TGLA122	141	151
INRA023	206	208

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	117	121
ETH225	146	150
BM1824	178	190
SPS115	248	260
CSRM060	96	98
MGTG4B	135	151
CSSM066	197	197
ILSTS006	Not Detected	

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BG200043
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	
OWNER	GILLIE & BARY VAN ZYL
LAB. NO	ZOCA2021-18594

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	131	137
TGLA053	Not Detected	
ETH10	217	219
ILSTS011	Not Detected	
SPS113	140	151
RM067	90	98
TGLA126	Not Detected	
TGLA122	141	151
INRA023	200	208

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	117	121
ETH225	148	150
BM1824	182	190
SPS115	248	248
CSRM060	98	102
MGTG4B	135	137
CSSM066	193	195
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.



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