

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	ALS190133
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21528

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	93
BM2113	133	137
TGLA053	180	182
ETH10	211	213
ILSTS011	261	264
SPS113	Not Detected	
RM067	90	92
TGLA126	123	125
TGLA122	137	153
INRA023	202	204

STR Marker	Allele 1	Allele 2
BM1818	260	264
ETH003	117	121
ETH225	148	148
BM1824	192	192
SPS115	250	254
CSRM060	92	100
MGTG4B	135	151
CSSM066	195	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.



Dr Christiaan Labuschagne
Genomics Manager

11 July 2022

Date

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CVML15/AG/00226

ISAG
Institutional Member

06-Mar-15

DNA PROFILE CERTIFICATE

General Information:

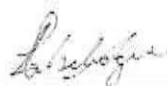
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General Information:

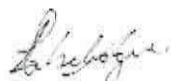
Test Animal	
ANIMAL ID/NAME	ALS190020
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21516

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	91
BM2113	137	141
TGLA053	154	164
ETH10	219	221
ILSTS011	261	266
SPS113	141	141
RM067	94	106
TGLA126	115	117
TGLA122	137	143
INRA023	204	208

STR Marker	Allele 1	Allele 2
BM1818	258	264
ETH003	117	119
ETH225	144	150
BM1824	188	188
SPS115	246	248
CSRM060	92	92
MGTG4B	145	145
CSSM066	181	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.



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General Information:

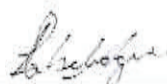
Test Animal	
ANIMAL ID/NAME	ALS190060
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21523

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	131	139
TGLA053	160	176
ETH10	211	217
ILSTS011	268	268
SPS113	141	141
RM067	92	102
TGLA126	115	125
TGLA122	147	153
INRA023	208	208

STR Marker	Allele 1	Allele 2
BM1818	258	266
ETH003	117	123
ETH225	148	158
BM1824	180	182
SPS115	248	248
CSRM060	102	102
MGTG48	137	147
CSSM066	181	193
ILSTS006	292	296

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Physical Address: 525 Justice Mahomed Str, Muckleneuk, Pretoria 0002
Postal Address: PO Box 14356, Hatfield, Pretoria 0028

DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	ALS190020
Microchip Number	Not Provided
DNA Profile Certificate Number	ZOCA2021-21516-DC

qualifies as the offspring of

Male

Animal ID/Name	ALS160076B
Microchip Number	Not Provided
DNA Profile Certificate Number	C19-08883

&

Female

Animal ID/Name	-
Microchip Number	-
DNA Profile Certificate Number	-

Based on the results from genetic profiles of the individually listed animals after categorical allocation of the supplied biological samples. Allocation is based on a confidence level of 95% (based on the population tested) and ≤1 mismatched marker.

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Genomics Manager

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Physical Address: 525 Justice Mahomed Str, Muckleneuk, Pretoria 0002
Postal Address: PO Box 14356, Hatfield, Pretoria 0028

DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	ALS190060
Microchip Number	
DNA Profile Certificate Number	ZOCA2021-21523-DC

qualifies as the offspring of

Male

Animal ID/Name	MS160033
Microchip Number	Not Provided
DNA Profile Certificate Number	C17-13788-DC

&

Female

Animal ID/Name	
Microchip Number	
DNA Profile Certificate Number	

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