

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	RJ200045
BREED	Beefmaster
SPECIES	Cattle
GENDER	Male
OWNER	RENO VAN ROOYEN
LAB. NO	ZOCA2021-23909

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	93
BM2113	131	139
TGLA053	Not Detected	
ETH10	211	219
ILSTS011	264	268
SPS113	153	153
RM067	90	94
TGLA126	Not Detected	
TGLA122	147	161
INRA023	200	200

STR Marker	Allele 1	Allele 2
BM1818	258	262
ETH003	117	125
ETH225	150	150
BM1824	182	188
SPS115	252	254
CSRM060	96	104
MGTG4B	143	147
CSSM066	181	185
ILSTS006	292	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.



Dr Christiaan Labuschagne
Genomics Manager

19 July 2023

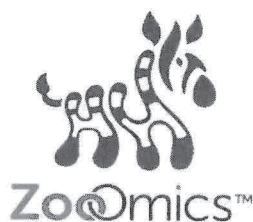
Date

****See disclaimer on reverse side**

CVML15/AG/00226

ISAG
Institutional Member

06-Mar-15



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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	RJ2045
Breed	Beefmaster
DNA Profile Certificate Number	ZOCA2021-23909-DC

qualifies as the offspring of

Male

Animal ID/Name	BOS177135
Breed	-
DNA Profile Certificate Number	ZOBOS20-07593-DC

&

Female

Animal ID/Name	Not Applicable
Breed	Not Applicable
DNA Profile Certificate Number	Not Applicable

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.

Dr Christiaan Labuschagne
Genomics Manager

23 March 2022

Date

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	RJ200042
BREED	Beefmaster
SPECIES	Cattle
GENDER	Male
OWNER	RENO VAN ROOYEN
LAB. NO	ZOCA2021-23906

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	125	137
TGLA053	Not Detected	
ETH10	211	213
ILSTS011	Not Detected	
SPS113	137	153
RM067	90	90
TGLA126	Not Detected	
TGLA122	137	151
INRA023	202	210

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	117	125
ETH225	148	150
BM1824	180	180
SPS115	248	252
CSRM060	104	114
MGTG4B	137	137
CSSM066	193	193
ILSTS006	294	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
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19 July 2023

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