

CVML15/AG/00226

06-Mar-15



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Dr Christiann Labuschagne
Genomics Manager

Date

22 June 2022

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.

STR Marker	Allele 1	Allele 2
TGLA227	79	91
BM2113	131	139
TGLA053	Not Detected	
ETH10	217	217
ILSTS011	261	268
SPS113	149	149
RM067	94	98
TGLA126	123	123
TGLA122	151	161
INRA023	214	214

STR Marker	Allele 1	Allele 2
BM1818	266	270
ETH003	119	127
ETH225	148	150
BM1824	180	180
SPS115	248	252
CSRM060	92	100
MGTG4B	135	143
CSSM066	179	183
ILSTS006	296	298

DNA Profiling Results:

Test Animal	
ANIMAL ID/NAME	NP220022
BREED	Senepol
SPECIES	Bovine
GENDER	Male
OWNER	Nooitgedacht Senepol Stoet
LAB. NO	ZOCA2022-33138

General Information:

DNA PROFILE CERTIFICATE



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



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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	NP220021
BREED	Senepol
SPECIES	Bovine
GENDER	Male
OWNER	Nooitgedacht Senepol Stoet
LAB. NO	ZOCA2022-33137

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	89
BM2113	131	131
TGLA053	Not Detected	Not Detected
ETH10	209	221
ILSTS011	261	268
SPS113	141	149
RM067	92	102
TGLA126	Not Detected	Not Detected
TGLA122	151	151
INRA023	214	214

STR Marker	Allele 1	Allele 2
BM1818	262	264
ETH003	119	119
ETH225	148	148
BM1824	180	182
SPS115	248	248
CSRM060	92	100
MGTG4B	135	143
CSSM066	197	199
ILSTS006	294	296

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Dr Christiaan Labuschagne
Genomics Manager

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ZOCA2022-33137-DC

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	NP220019
BREED	Senepol
SPECIES	Bovine
GENDER	Male
OWNER	Nooitgedacht Senepol Stoet
LAB. NO	ZOCA2022-33135

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	97
BM2113	127	139
TGLA053	Not Detected	
ETH10	209	209
ILSTS011	261	266
SPS113	141	141
RM067	96	102
TGLA126	Not Detected	
TGLA122	141	151
INRA023	198	202

STR Marker	Allele 1	Allele 2
BM1818	264	266
ETH003	117	121
ETH225	148	150
BM1824	180	188
SPS115	248	252
CSRM060	96	100
MGTG4B	135	143
CSSM066	195	199
ILSTS006	298	300

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	NP220018
BREED	Senepol
SPECIES	Bovine
GENDER	Female
OWNER	Nooitgedacht Senepol Stoet
LAB. NO	ZOCA2022-33134

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	97
BM2113	127	131
TGLA053	Not Detected	
ETH10	209	221
ILSTS011	264	268
SPS113	137	149
RM067	94	98
TGLA126	Not Detected	
TGLA122	143	151
INRA023	206	214

STR Marker	Allele 1	Allele 2
BM1818	266	270
ETH003	119	127
ETH225	148	158
BM1824	180	182
SPS115	248	252
CSRM060	100	102
MGTG4B	143	145
CSSM066	179	197
ILSTS006	296	298

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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22-Jun-22

DNA PARENTAGE CERTIFICATE

Animal ID/Name	NP220022	Breed	Senepol	DNA Profile Certificate Number	ZOCA2022-33138-DC
Test Animal					

qualifies as the offspring of

Animal ID/Name	CN180010	Breed	SENEPOL	DNA Profile Certificate Number	718U001
Male					

&

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

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

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DNA PARENTAGE CERTIFICATE

Animal ID/Name	Breed	DNA Profile Certificate Number
NP220021	Senepol	ZOCA2022-33137-DC

Test Animal

qualifies as the offspring of

Animal ID/Name	Breed	DNA Profile Certificate Number
CN180010	SENEPOL	718U001

Male

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

Female

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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DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	NP220020
Breed	Senepol
DNA Profile Certificate Number	ZOCA2022-33136-DC

qualifies as the offspring of

Male

Animal ID/Name	CN180010
Breed	SENEPOL
DNA Profile Certificate Number	718U001

&

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.

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DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	NP220018
Breed	Senepol
DNA Profile Certificate Number	ZOCA2022-33134-DC

qualifies as the offspring of

Male

Animal ID/Name	CN180010
Breed	SENEPOL
DNA Profile Certificate Number	718U001

&

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.

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