

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BZK160032
BREED	Bonsmara
SPECIES	Bovine
GENDER	Female
OWNER	Paula van Deventer en Familie
LAB. NO	ZOCA2026-118642

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	81
BM2113	125	133
TGLA053	160	160
ETH10	211	219
ILSTS011	266	268
SPS113	140	147
RM067	90	92
TGLA126	Not Detected	
TGLA122	143	151
INRA023	202	208

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	121	125
ETH225	140	140
BM1824	180	188
SPS115	248	256
CSRM060	92	110
MGTG4B	137	139
CSSM066	187	189
ILSTS006	292	292

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 September 2026

Date

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ISAG
Institutional Member

CVML15/AG/00226

06-Mar-15

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BKZ180052
BREED	Bonsmara
SPECIES	Bovine
GENDER	Female
OWNER	Paula van Deventer en Familie
LAB. NO	ZOCA2026-118643

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	87
BM2113	121	135
TGLA053	158	158
ETH10	211	217
ILSTS011	264	268
SPS113	151	151
RM067	90	90
TGLA126	115	121
TGLA122	143	151
INRA023	196	198

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	121	127
ETH225	150	151
BM1824	188	192
SPS115	246	248
CSRM060	92	98
MG TG4B	135	135
CSSM066	187	189
ILSTS006	292	294

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BZK190157
BREED	Bonsmara
SPECIES	Bovine
GENDER	Female
OWNER	Paula van Deventer en Familie
LAB. NO	ZOCA2026-118644

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	81
BM2113	125	139
TGLA053	172	184
ETH10	217	221
ILSTS011	266	268
SPS113	153	153
RM067	90	90
TGLA126	117	125
TGLA122	143	143
INRA023	196	202

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	117	125
ETH225	150	154
BM1824	180	188
SPS115	248	248
CSRM060	96	98
MG TG4B	135	137
CSSM066	189	189
ILSTS006	292	294

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06-Mar-15

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BZK200026
BREED	Bonsmara
SPECIES	Bovine
GENDER	Female
OWNER	Paula van Deventer en Familie
LAB. NO	ZOCA2026-118645

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	89
BM2113	127	135
TGLA053	154	154
ETH10	211	211
ILSTS011	268	268
SPS113	151	153
RM067	90	102
TGLA126	117	125
TGLA122	143	143
INRA023	198	198

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	121	121
ETH225	140	144
BM1824	180	180
SPS115	248	248
CSRM060	92	100
MG TG4B	135	135
CSSM066	189	189
ILSTS006	284	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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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	BZK210156
BREED	Bonsmara
SPECIES	Bovine
GENDER	Female
OWNER	Paula van Deventer en Familie
LAB. NO	ZOCA2026-118646

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	93	97
BM2113	129	135
TGLA053	160	176
ETH10	211	221
ILSTS011	268	268
SPS113	153	153
RM067	90	94
TGLA126	117	117
TGLA122	137	143
INRA023	202	206

STR Marker	Allele 1	Allele 2
BM1818	Not Detected	
ETH003	117	117
ETH225	140	150
BM1824	180	182
SPS115	248	248
CSRM060	102	110
MG TG4B	135	135
CSSM066	189	191
ILSTS006	288	292

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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