

DNA PROFILE CERTIFICATE

General Information:

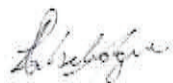
Test Animal	
ANIMAL ID/NAME	ALS190081
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21543

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	89
BM2113	133	137
TGLA053	160	176
ETH10	217	219
ILSTS011	261	264
SPS113	143	147
RM067	94	102
TGLA126	121	123
TGLA122	151	153
INRA023	214	220

STR Marker	Allele 1	Allele 2
BM1818	260	270
ETH003	117	125
ETH225	150	158
BM1824	180	182
SPS115	248	254
CSRM060	100	102
MGTG4B	135	139
CSSM066	183	189
ILSTS006	288	288

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

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General Information:

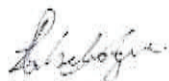
Test Animal	
ANIMAL ID/NAME	ALS190087
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21550

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	89
BM2113	125	135
TGLA053	160	182
ETH10	209	211
ILSTS011	266	268
SPS113	Not Detected	
RM067	90	90
TGLA126	115	117
TGLA122	143	143
INRA023	202	208

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	Not Detected	
ETH225	Not Detected	
BM1824	Not Detected	
SPS115	248	254
CSRM060	92	92
MGTG4B	147	149
CSSM066	Not Detected	
ILSTS006	Not Detected	

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General Information:

Test Animal	
ANIMAL ID/NAME	ALS190065
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21552

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	83	89
BM2113	133	133
TGLA053	154	154
ETH10	209	219
ILSTS011	268	268
SPS113	Not Detected	
RM067	90	92
TGLA126	119	123
TGLA122	Not Detected	
INRA023	196	214

STR Marker	Allele 1	Allele 2
BM1818	264	266
ETH003	103	121
ETH225	Not Detected	
BM1824	180	180
SPS115	252	252
CSRM060	92	100
MGTG4B	135	137
CSSM066	187	189
ILSTS006	284	294

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General Information:

Test Animal	
ANIMAL ID/NAME	ALS190407
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21557

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	89
BM2113	129	137
TGLA053	166	170
ETH10	209	213
ILSTS011	266	268
SPS113	153	153
RM067	102	102
TGLA126	115	123
TGLA122	143	153
INRA023	196	214

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	117	125
ETH225	140	144
BM1824	182	192
SPS115	248	248
CSRM060	100	114
MGTG4B	145	151
CSSM066	181	199
ILSTS006	292	292

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	ALS190232
MICROCHIP NUMBER	
SPECIES	Cattle
GENDER	Male
OWNER	Bergstroom Boerdery
LAB. NO	ZOCA2021-21514

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	127	133
TGLA053	160	160
ETH10	211	213
ILSTS011	264	268
SPS113	141	151
RM067	90	98
TGLA126	117	125
TGLA122	137	143
INRA023	196	202

STR Marker	Allele 1	Allele 2
BM1818	266	268
ETH003	117	119
ETH225	140	150
BM1824	182	192
SPS115	250	254
CSRM060	102	104
MGTG4B	137	139
CSSM066	179	183
ILSTS006	292	294

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