

DNA PROFILE CERTIFICATE

TEST ANIMAL

Profile # ZOCA2021/16623
Name SF20-207
Species Bos taurus / Bovid / Cattle
Breed Sussex
Owner
Microchip #
Registration #

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	INRA023	206	214
BM2113	139	139	BM1818	262	268
ETH10	217	217	ETH003	115	117
ILSTS011	264	264	ETH225	144	148
SPS113	141	153	BM1824	178	178
RM067	90	92	SPS115	248	248
TGLA126	115	115	CSRM060	92	98
TGLA122	143	155	CSSM066	181	187

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16624
Name	SF20-210
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	83	91	BM1818	262	268
ETH10	213	217	ETH003	117	117
ILSTS011	268	268	ETH225	140	150
SPS113	151	153	BM1824	188	192
RM067	92	98	SPS115	248	248
TGLA126	115	115	CSRM060	92	102
TGLA122	151	151	MGTG4B	135	149
INRA023	206	208	CSSM066	185	189
			ILSTS006	296	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16625
Name	SF20-211
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
ETH10	213	219	BM1818	264	268
ILSTS011	268	268	ETH003	117	119
SPS113	149	153	ETH225	148	150
RM067	94	96	BM1824	182	182
TGLA126	115	123	SPS115	248	260
TGLA122	143	143	MGTG4B	135	151
INRA023	200	214	CSSM066	187	197
			ILSTS006	296	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16626
Name	SF20-220
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
BM2113	133	139	ETH003	117	119
ETH10	217	219	ETH225	144	148
ILSTS011	268	268	BM1824	182	182
SPS113	149	153	SPS115	248	248
TGLA122	143	143	CSRM060	96	98
INRA023	214	214	MGTG4B	143	143
BM1818	268	268	CSSM066	187	189
			ILSTS006	296	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16627
Name	SF20-232
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	93	BM1818	264	268
BM2113	139	139	ETH003	117	119
ETH10	217	221	ETH225	144	148
ILSTS011	266	266	BM1824	182	182
SPS113	149	153	SPS115	248	260
RM067	92	94	CSRM060	96	98
TGLA122	143	151	MGTG4B	143	149
INRA023	214	214	CSSM066	187	197
			ILSTS006	296	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16628
Name	SF20-235
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	INRA023	196	214
BM2113	139	139	BM1818	262	264
TGLA053	160	160	ETH003	117	125
ETH10	217	221	BM1824	178	182
ILSTS011	266	268	SPS115	248	248
SPS113	151	153	CSRM060	96	96
RM067	92	92	MGTG4B	141	149
TGLA126	115	123	CSSM066	181	181
TGLA122	143	151	ILSTS006	296	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16629
Name	SF17-128
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	ETH003	119	119
BM2113	131	139	ETH225	144	148
ETH10	219	219	BM1824	182	182
RM067	92	94	CSRM060	98	102
TGLA126	115	117	MGTG4B	141	143
TGLA122	143	143	CSSM066	187	195

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16630
Name	SF17-44
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	93
BM2113	125	125
TGLA053	154	160
ETH10	217	219
SPS113	153	153
RM067	90	92
TGLA126	115	123
TGLA122	143	151

STR Marker	Allele 1	Allele 2
INRA023	206	206
BM1818	264	264
ETH003	117	117
ETH225	148	148
BM1824	182	182
SPS115	248	261
CSRM060	92	96
MG TG4B	135	147
CSSM066	187	199

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16631
Name	SF17-27
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	BM1818	262	266
BM2113	135	139	ETH003	117	117
ETH10	217	219	ETH225	148	150
ILSTS011	264	268	BM1824	182	182
SPS113	151	153	SPS115	260	261
RM067	92	92	CSRM060	92	104
TGLA126	115	115	MGTG4B	149	153
TGLA122	141	151	CSSM066	181	187
INRA023	200	206	ILSTS006	288	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16632
Name	SF16-138
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	BM1818	266	266
BM2113	139	139	ETH003	117	117
ETH10	219	219	ETH225	150	158
ILSTS011	268	268	BM1824	182	192
RM067	94	102	SPS115	248	252
TGLA126	115	121	CSRM060	92	96
TGLA122	151	151	MGTG4B	149	149
INRA023	206	214	CSSM066	185	187
			ILSTS006	294	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16633
Name	SF16-77
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
BM2113	125	133	BM1818	264	266
ETH10	217	221	ETH003	117	119
ILSTS011	266	268	ETH225	148	150
RM067	94	96	BM1824	182	182
TGLA122	143	151	SPS115	248	260
INRA023	214	214	CSRM060	92	98
			CSSM066	187	197

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16634
Name	SF16-51
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	93	ETH003	119	129
BM2113	135	139	ETH225	144	144
ETH10	217	221	BM1824	182	182
RM067	92	96	CSRM060	96	104
TGLA122	143	155	MG TG4B	141	143
INRA023	206	214	CSSM066	181	197

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16635
Name	SF16-60
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	93	BM1818	264	264
BM2113	125	131	ETH003	117	119
ETH10	217	219	ETH225	148	148
ILSTS011	266	268	BM1824	182	188
TGLA126	115	115	SPS115	248	260
TGLA122	149	151	CSRM060	92	102
INRA023	214	214	CSSM066	181	187

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16637
Name	SF17-234
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	89
BM2113	125	125
ETH10	217	221
ILSTS011	268	268
SPS113	140	153
RM067	92	94
TGLA122	143	151
INRA023	208	210

STR Marker	Allele 1	Allele 2
BM1818	264	266
ETH003	117	117
ETH225	144	150
BM1824	182	182
SPS115	248	260
CSRM060	92	92
MGTG4B	141	153
CSSM066	187	187
ILSTS006	288	288

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16638
Name	SF17-03
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	ETH003	117	119
BM2113	121	135	ETH225	144	150
ETH10	217	221	BM1824	188	188
RM067	92	94	SPS115	248	260
TGLA126	115	125	CSRM060	96	102
TGLA122	143	143	MGTG4B	139	149
INRA023	214	214	CSSM066	187	189

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16639
Name	SF17-166
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	89	BM1818	264	264
BM2113	139	139	ETH003	117	117
TGLA053	160	162	ETH225	150	158
ETH10	213	219	BM1824	178	182
ILSTS011	264	268	SPS115	248	260
SPS113	139	153	CSRM060	92	92
RM067	92	92	MG TG4B	137	153
TGLA122	151	151	CSSM066	187	197
INRA023	210	214	ILSTS006	288	294

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16640
Name	SF17-233
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	77	93	INRA023	196	210
BM2113	125	135	ETH003	117	119
ETH10	217	221	ETH225	140	148
RM067	94	98	BM1824	182	182
TGLA126	115	123	CSRM060	92	92
TGLA122	141	151	MGTG4B	137	149
			CSSM066	187	205

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16641
Name	SF17-117
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	79	89	INRA023	196	214
BM2113	125	139	BM1818	262	264
TGLA053	160	170	ETH003	117	119
ETH10	219	221	ETH225	148	150
ILSTS011	266	268	BM1824	182	188
SPS113	140	151	SPS115	248	260
RM067	92	94	CSRM060	92	102
TGLA126	115	115	MG TG4B	141	149
TGLA122	143	159	CSSM066	185	187
			ILSTS006	284	296

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16642
Name	SF17-156
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	89	93	ETH003	117	119
BM2113	125	139	ETH225	144	148
ETH10	217	219	BM1824	180	182
RM067	90	94	CSRM060	92	98
TGLA126	115	115	MGTG4B	135	149
TGLA122	143	143	CSSM066	181	189

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16643
Name	SF17-93
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2	STR Marker	Allele 1	Allele 2
TGLA227	77	93	BM1818	264	268
BM2113	121	135	ETH003	117	125
ETH10	217	221	ETH225	144	151
RM067	92	94	BM1824	182	182
TGLA126	115	115	SPS115	248	260
TGLA122	143	151	CSRM060	92	96
INRA023	202	214	MGTG4B	145	149
			CSSM066	197	197

The DNA profile represents the true alleles obtained from STR analysis by capillary electrophoresis. The DNA profile includes all markers recommended by the International Society for Animal Genetics (ISAG, 2016) for routine canine parentage testing and identification.



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Genomics Manager

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