

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16644
Name	SF17-18
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	135	137	BM1818	264	268
TGLA053	154	154	ETH003	117	119
ETH10	221	221	ETH225	150	150
ILSTS011	268	268	BM1824	180	182
SPS113	140	153	SPS115	248	261
RM067	92	92	CSRM060	92	96
TGLA122	143	151	MGTG4B	137	141
INRA023	196	202	CSSM066	189	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

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16646
Name	SF17-36
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	137	ETH003	117	117
ETH10	219	221	ETH225	148	148
RM067	92	96	BM1824	182	182
TGLA126	115	115	SPS115	248	260
TGLA122	151	155	CSRM060	96	102
INRA023	206	214	MGTG4B	141	143
			CSSM066	187	187

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Dr Christiaan Labuschagne
Genomics Manager

16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16647
Name	SF17-150
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	135	139	BM1818	262	264
ETH10	219	219	ETH003	117	117
ILSTS011	264	268	ETH225	140	144
SPS113	151	151	BM1824	188	188
RM067	92	94	SPS115	248	260
TGLA126	115	115	CSRM060	98	102
TGLA122	143	151	MGTG4B	143	149
			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

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16648
Name	SF15-215
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	93	93	INRA023	196	214
BM2113	125	135	BM1818	264	266
TGLA053	160	166	ETH225	148	148
ETH10	219	225	BM1824	182	192
ILSTS011	266	266	SPS115	260	260
RM067	92	94	CSRM060	92	102
TGLA126	115	123	MGTG4B	143	149
TGLA122	149	155	CSSM066	187	189
			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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16649
Name	SF15-71
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	262	266
BM2113	125	139	ETH003	119	125
ETH10	221	221	ETH225	148	150
ILSTS011	268	268	BM1824	182	182
SPS113	149	153	SPS115	260	260
RM067	92	96	CSRM060	92	98
TGLA126	115	123	MGTG4B	143	149
TGLA122	143	155	CSSM066	187	187
INRA023	214	214	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 #	ZOCA2021/16650
Name	SF16-05
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	135	139	ETH003	117	117
ETH10	219	221	ETH225	148	150
ILSTS011	268	268	BM1824	182	182
SPS113	140	151	SPS115	248	261
RM067	92	94	CSRM060	92	96
TGLA126	115	115	MGTG4B	143	149
TGLA122	143	143	CSSM066	181	197
INRA023	206	214	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
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16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16651
Name	SF16-224
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	131	139	BM1818	264	266
ETH10	219	221	ETH003	117	119
ILSTS011	268	268	ETH225	144	150
SPS113	153	153	BM1824	182	182
RM067	92	94	SPS115	248	260
TGLA126	115	115	CSRM060	92	96
TGLA122	151	151	MGTG4B	135	135
INRA023	206	214	CSSM066	181	187
			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 #	ZOCA2021/16652
Name	SF16-48
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	89	ETH003	117	117
BM2113	139	139	ETH225	144	150
ETH10	219	221	BM1824	182	182
RM067	92	102	SPS115	248	252
TGLA126	115	123	CSRM060	92	102
TGLA122	151	151	MG TG4B	135	149
INRA023	206	206	CSSM066	187	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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16653
Name	SF16-133
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	135	139	ETH003	117	117
ETH10	219	221	ETH225	148	150
ILSTS011	266	268	BM1824	182	182
RM067	90	92	SPS115	248	260
TGLA122	143	151	CSRM060	92	96
INRA023	206	214	MGTG4B	135	137
BM1818	266	268	CSSM066	187	203

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 #	ZOCA2021/16654
Name	SF16-179
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	135	ETH003	119	125
ETH10	213	221	ETH225	144	148
RM067	90	92	BM1824	178	180
TGLA126	115	123	SPS115	248	248
TGLA122	145	153	CSRM060	92	96
INRA023	208	214	MGTG4B	137	149
			CSSM066	185	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 #	ZOCA2021/16655
Name	SF16-64
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	89	BM1818	262	264
BM2113	131	135	ETH003	117	119
TGLA053	154	160	ETH225	150	150
ETH10	213	221	BM1824	178	178
ILSTS011	264	268	SPS115	248	248
SPS113	141	151	CSRM060	92	102
RM067	92	98	MGTG4B	135	151
TGLA122	141	153	CSSM066	187	187
INRA023	196	214	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 #	ZOCA2021/16656
Name	SF16-12
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	137	139	BM1818	264	266
TGLA053	154	162	ETH003	117	119
ETH10	213	219	ETH225	148	148
ILSTS011	268	268	BM1824	182	182
SPS113	151	151	SPS115	248	261
RM067	92	96	CSRM060	92	102
TGLA126	123	123	MGTG4B	143	149
TGLA122	155	155	CSSM066	185	187
INRA023	206	214	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

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16657
Name	SF16-07
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	125	135	ETH003	117	117
ETH10	213	221	ETH225	144	150
SPS113	140	151	BM1824	178	182
RM067	92	102	SPS115	248	260
TGLA122	151	151	CSRM060	92	96
INRA023	200	202	MGTG4B	141	141
			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 #	ZOCA2021/16658
Name	SF16-156
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
BM2113	131	135	BM1818	264	266
TGLA053	160	194	ETH003	117	129
ETH10	211	219	ETH225	140	158
ILSTS011	264	268	BM1824	188	188
SPS113	151	153	SPS115	248	260
RM067	92	94	CSRM060	92	102
TGLA126	115	123	MGTG4B	135	141
TGLA122	143	151	CSSM066	187	197
INRA023	206	214	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

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16659
Name	SF15-153
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	135	139	BM1818	262	266
TGLA053	154	160	ETH003	117	117
ETH10	219	219	ETH225	140	144
ILSTS011	268	268	BM1824	188	192
SPS113	151	153	SPS115	252	260
RM067	94	94	CSRM060	92	102
TGLA126	123	123	MGTG4B	141	147
TGLA122	143	151	CSSM066	181	185
INRA023	196	214	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 # ZOCA2021/16660
Name SF16-201
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	117
BM2113	137	139	ETH225	148	150
ETH10	219	221	BM1824	182	188
RM067	92	94	SPS115	248	248
TGLA126	115	123	CSRM060	92	96
TGLA122	151	151	MGTG4B	135	143
INRA023	214	214	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 #	ZOCA2021/16661
Name	SF16-33
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	117
BM2113	125	135	ETH225	144	150
ETH10	221	221	BM1824	180	182
RM067	92	92	SPS115	260	261
TGLA126	115	123	CSRM060	92	96
TGLA122	151	151	MGTG4B	141	143
INRA023	214	214	CSSM066	185	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 #	ZOCA2021/16662
Name	SF16-208
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	BM1818	264	266
BM2113	125	139	ETH003	119	119
ETH10	217	219	ETH225	148	148
ILSTS011	268	268	BM1824	182	182
SPS113	153	153	SPS115	248	260
RM067	94	94	CSRM060	92	92
TGLA126	115	115	MGTG4B	137	141
TGLA122	143	159	CSSM066	185	187
INRA023	214	214	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

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16663
Name	SF16-115
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	101	BM1818	264	266
BM2113	131	135	ETH003	117	119
ETH10	219	221	ETH225	148	158
RM067	92	94	BM1824	180	182
TGLA126	115	115	SPS115	248	248
TGLA122	143	151	CSRM060	98	98
INRA023	200	214	MGTG4B	137	141
			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.



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