

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16602
Name	SF20-99
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	131	135	BM1818	262	268
ETH10	213	217	ETH003	117	125
ILSTS011	264	266	ETH225	144	150
SPS113	151	153	BM1824	178	178
RM067	92	98	SPS115	248	248
TGLA122	141	155	CSRM060	92	102
			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 #	ZOCA2021/16603
Name	SF20-104
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	91	TGLA122	143	155
BM2113	137	139	INRA023	206	214
ETH10	219	219	BM1818	262	264
ILSTS011	266	268	ETH225	140	148
SPS113	151	151	BM1824	182	188
RM067	94	96	SPS115	248	261
TGLA126	115	123	CSRM060	102	102
			CSSM066	185	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

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16605
Name	SF20-125
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	INRA023	200	206
BM2113	135	135	BM1818	262	264
ETH10	217	221	ETH003	117	117
ILSTS011	266	266	ETH225	144	144
SPS113	151	153	BM1824	178	182
RM067	92	102	SPS115	248	248
TGLA126	115	115	CSRM060	96	96
TGLA122	151	155	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
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16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16606
Name	SF20-126
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	135	INRA023	206	214
ETH10	211	219	BM1818	266	268
ILSTS011	264	264	ETH003	117	117
SPS113	151	153	ETH225	140	148
RM067	92	92	BM1824	182	188
TGLA126	115	123	SPS115	248	248
TGLA122	143	155	CSRM060	92	92
			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
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16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16607
Name	SF20-130
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	131	135	BM1818	262	264
TGLA053	160	194	ETH003	117	117
ETH10	217	219	ETH225	140	150
ILSTS011	268	268	BM1824	188	188
SPS113	151	153	SPS115	248	252
RM067	94	94	MGTG4B	141	141
TGLA126	115	123	CSSM066	181	187
TGLA122	143	151	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 #	ZOCA2021/16608
Name	SF20-138
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	INRA023	214	214
BM2113	135	137	BM1818	262	262
TGLA053	154	160	ETH003	117	125
ETH10	217	219	ETH225	148	150
ILSTS011	264	268	BM1824	178	182
SPS113	153	153	SPS115	248	248
RM067	92	94	CSRM060	96	96
TGLA126	115	115	MGTG4B	135	135
TGLA122	143	151	CSSM066	181	187
			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
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16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16609
Name	SF20-150
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	ETH003	117	119
BM2113	125	125	ETH225	144	148
ETH10	217	221	BM1824	180	182
RM067	92	92	SPS115	248	260
TGLA126	115	123	CSRM060	96	98
TGLA122	143	151	MGTG4B	135	143
INRA023	214	214	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
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16.08.2021

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DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16610
Name	SF20-154
Species	Bos taurus / Bovid / Cattle
Breed	Sussex
Owner	
Microchip #	
Registration #	

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
BM2113	135	139
ETH10	219	221
ILSTS011	264	268
SPS113	151	153
RM067	90	94
TGLA126	115	115
TGLA122	143	143

STR Marker	Allele 1	Allele 2
INRA023	210	214
BM1818	264	264
ETH003	117	119
ETH225	148	150
BM1824	182	182
SPS115	260	260
CSRM060	96	104
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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16611
Name	SF20-160
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	INRA023	206	214
BM2113	135	135	BM1818	262	264
ETH10	219	219	ETH003	117	119
ILSTS011	268	268	ETH225	140	148
SPS113	153	153	BM1824	182	188
RM067	90	94	SPS115	248	248
TGLA126	115	115	CSRM060	98	104
TGLA122	143	143	MG TG4B	137	149
			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 #	ZOCA2021/16612
Name	SF20-165
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	219	219	ETH225	148	148
ILSTS011	264	268	BM1824	182	188
RM067	92	98	SPS115	248	260
TGLA122	143	155	MGTG4B	141	141
INRA023	200	206	CSSM066	187	189
BM1818	268	268	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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16613
Name	SF20-168
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
ILSTS011	266	266	ETH225	140	144
SPS113	153	153	BM1824	182	182
RM067	90	98	SPS115	248	248
TGLA122	143	143	MG TG4B	135	145
INRA023	214	214	CSSM066	181	197
BM1818	262	264	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 #	ZOCA2021/16614
Name	SF20-169
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	268
TGLA053	160	162	ETH003	117	125
ETH10	217	217	ETH225	144	150
ILSTS011	264	268	BM1824	182	182
SPS113	151	153	SPS115	248	248
RM067	92	98	CSRM060	92	92
TGLA126	115	115	MGTG4B	135	143
TGLA122	143	149	CSSM066	181	189
INRA023	206	206	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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16615
Name	SF20-170
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
TGLA053	162	184	BM1818	262	264
ETH10	217	217	ETH225	144	144
ILSTS011	266	268	BM1824	178	180
SPS113	151	153	SPS115	248	261
RM067	92	96	CSRM060	92	96
TGLA126	115	123	MGTG4B	141	143
TGLA122	143	155	CSSM066	187	187
			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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16616
Name	SF20-177
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	INRA023	206	214
BM2113	133	139	BM1818	264	268
ETH10	219	221	ETH003	117	117
ILSTS011	264	268	ETH225	148	148
SPS113	151	153	BM1824	178	182
RM067	94	98	SPS115	248	248
TGLA126	115	115	CSRM060	92	96
TGLA122	143	151	MG TG4B	141	149
			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 #	ZOCA2021/16617
Name	SF20-181
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	INRA023	206	206
TGLA053	160	168	BM1818	266	268
ETH10	217	219	ETH003	117	117
ILSTS011	264	264	ETH225	144	150
SPS113	151	153	BM1824	182	182
RM067	92	98	SPS115	248	248
TGLA126	115	115	MGTG4B	135	149
TGLA122	151	155	CSSM066	181	187
			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 #	ZOCA2021/16618
Name	SF20-183
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
TGLA053	160	170	INRA023	196	214
ETH10	217	221	BM1818	262	264
ILSTS011	266	268	ETH225	140	150
SPS113	153	153	BM1824	182	188
RM067	90	92	SPS115	248	248
TGLA126	115	115	MGTG4B	143	149
TGLA122	143	143	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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16619
Name	SF20-192
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	125	139	BM1818	262	264
ETH10	217	219	ETH003	117	125
ILSTS011	264	268	ETH225	144	148
SPS113	153	153	BM1824	182	182
RM067	96	98	SPS115	248	252
TGLA126	115	115	CSRM060	96	102
TGLA122	155	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.



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Genomics Manager

16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16620
Name	SF20-203
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	81	INRA023	206	206
BM2113	125	139	ETH003	117	121
ETH10	219	221	ETH225	144	150
SPS113	149	153	BM1824	182	188
RM067	92	94	SPS115	248	260
TGLA126	115	115	CSRM060	98	102
TGLA122	151	153	MGTG4B	135	149
			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
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16.08.2021

Date

DNA PROFILE CERTIFICATE

TEST ANIMAL	
Profile #	ZOCA2021/16621
Name	SF20-204
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	INRA023	214	214
BM2113	135	139	BM1818	264	268
TGLA053	154	160	ETH003	119	125
ETH10	217	219	ETH225	148	148
ILSTS011	264	266	BM1824	178	182
SPS113	153	153	SPS115	248	248
RM067	94	98	CSRM060	92	92
TGLA126	115	115	MGTG4B	135	149
TGLA122	151	155	CSSM066	187	205
			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 #	ZOCA2021/16622
Name	SF20-206
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	268
BM2113	135	139	ETH003	115	117
ETH10	217	219	BM1824	178	182
ILSTS011	264	268	SPS115	248	260
TGLA122	143	143	CSRM060	96	96
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.



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