

Supplementary Table 2- PCR products observed in the sensitivity study

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/.008ng	FCA 723	0	0	0	0
Fca 215/.008ng	FCA 723	0	0	0	0
Fca 215/.008ng	FCA 733	0	0	0	0
Fca 215/.008ng	FCA 733	0	0	0	0
Fca 215/.008ng	FCA 742	0	0	0	0
Fca 215/.008ng	FCA 742	0	0	0	0
Fca 215/.008ng	FCA 749	0	0	0	0
Fca 215/.008ng	FCA 749	0	0	0	0
Fca 215/.008ng	FCA 740	0	0	0	0
Fca 215/.008ng	FCA 740	0	0	0	0
Fca 215/.008ng	FCA 736	0	0	0	0
Fca 215/.008ng	FCA 736	0	0	0	0
Fca 215/.008ng	F124	0	0	0	0
Fca 215/.008ng	F124	0	0	0	0
Fca 215/.008ng	F53	0	0	0	0
Fca 215/.008ng	F53	0	0	0	0
Fca 215/.008ng	F85	0	0	0	0
Fca 215/.008ng	F85	0	0	0	0
Fca 215/.008ng	FCA 441	0	0	0	0
Fca 215/.008ng	FCA 441	0	0	0	0
Fca 215/.008ng	FCA 731	0	0	0	0
Fca 215/.008ng	FCA 731	0	0	0	0
Fca 215/.008ng	SRY	0	0	0	0
Fca 215/.008ng	SRY	0	0	0	0
Fca 215/.016ng	FCA 723		0	0	0
Fca 215/.016ng	FCA 723	0	0	0	0
Fca 215/.016ng	FCA 733	194.36	134	0	0
Fca 215/.016ng	FCA 733	0	0	0	0
Fca 215/.016ng	FCA 742	0	0	0	0
Fca 215/.016ng	FCA 742	0	0	0	0
Fca 215/.016ng	FCA 749	0	0	0	0
Fca 215/.016ng	FCA 749	0	0	0	0
Fca 215/.016ng	FCA 740	0	0	0	0
Fca 215/.016ng	FCA 740	0	0	0	0
Fca 215/.016ng	FCA 736	0	0	0	0
Fca 215/.016ng	FCA 736	0	0	0	0
Fca 215/.016ng	F124	271.42	177	275.12	104
Fca 215/.016ng	F124	0	0	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/.016ng	F53	0	0	0	0
Fca 215/.016ng	F53	0	0	0	0
Fca 215/.016ng	F85	0	0	0	0
Fca 215/.016ng	F85	0	0	0	0
Fca 215/.016ng	FCA 441	0	0	0	0
Fca 215/.016ng	FCA 441	0	0	0	0
Fca 215/.016ng	FCA 731	344.96	127	368.87	140
Fca 215/.016ng	FCA 731	0	0	0	0
Fca 215/.016ng	SRY	0	0	0	0
Fca 215/.016ng	SRY	0	0	0	0
Fca 215/.0313	FCA 723	0	0	283.45	100
Fca 215/.0313	FCA 723	271.53	126	283.45	124
Fca 215/.0313	FCA 733	194.46	75	198.34	74
Fca 215/.0313	FCA 733	194.49	155	198.35	77
Fca 215/.0313	FCA 742	0	0	0	0
Fca 215/.0313	FCA 742	0	0	0	0
Fca 215/.0313	FCA 749	0	0	0	0
Fca 215/.0313	FCA 749	0	0	0	0
Fca 215/.0313	FCA 740	0	0	0	0
Fca 215/.0313	FCA 740	312.49	126	320.57	163
Fca 215/.0313	FCA 736	0	0	0	0
Fca 215/.0313	FCA 736	0	0	0	0
Fca 215/.0313	F124	271.44	189	275.38	124
Fca 215/.0313	F124	271.28	248	275.38	152
Fca 215/.0313	F53	0	0	0	0
Fca 215/.0313	F53	0	0	0	0
Fca 215/.0313	F85	0	0	0	0
Fca 215/.0313	F85	246.94	408	269.15	224
Fca 215/.0313	FCA 441	0	0	0	0
Fca 215/.0313	FCA 441	116.89	57	120.81	52
Fca 215/.0313	FCA 731	368.91	115	0	0
Fca 215/.0313	FCA 731	345.08	222	368.94	85
Fca 215/.0313	SRY	96.93	153	0	0
Fca 215/.0313	SRY	97.01	308	0	0
Fca 215/.063ng	FCA 723	271.49	380	283.28	388
Fca 215/.063ng	FCA 723	271.53	297	283.34	186
Fca 215/.063ng	FCA 733	194.52	208	198.44	225
Fca 215/.063ng	FCA 733	194.5	159	198.43	121
Fca 215/.063ng	FCA 742	145.95	211	150.34	268

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/.063ng	FCA 742	145.86	129	150.25	166
Fca 215/.063ng	FCA 749	344.6	102	360.3	53
Fca 215/.063ng	FCA 749	344.61	78	360.04	61
Fca 215/.063ng	FCA 740	312.36	271	320.71	304
Fca 215/.063ng	FCA 740	312.37	279	320.63	145
Fca 215/.063ng	FCA 736	164.15	62	180.11	89
Fca 215/.063ng	FCA 736	164.02	54	180.21	71
Fca 215/.063ng	F124	271.32	480	275.12	414
Fca 215/.063ng	F124	271.44	462	275.26	380
Fca 215/.063ng	F53	135.43	74	140.46	106
Fca 215/.063ng	F53	135.74	59	140.46	60
Fca 215/.063ng	F85	246.87	680	269.12	351
Fca 215/.063ng	F85	247.03	476	269.08	225
Fca 215/.063ng	FCA 441	116.92	75	120.76	70
Fca 215/.063ng	FCA 441	116.86	105	120.71	133
Fca 215/.063ng	FCA 731	345.14	351	368.93	211
Fca 215/.063ng	FCA 731	345.05	312	368.83	299
Fca 215/.063ng	SRY	96.87	707	0	0
Fca 215/.063ng	SRY	96.93	416	0	0
Fca 215/.125ng	FCA 723	271.5	1034	283.39	671
Fca 215/.125ng	FCA 723	271.44	1049	283.28	1263
Fca 215/.125ng	FCA 733	194.41	922	198.27	957
Fca 215/.125ng	FCA 733	194.38	945	198.26	1125
Fca 215/.125ng	FCA 742	145.78	645	150.34	705
Fca 215/.125ng	FCA 742	145.83	946	150.34	1382
Fca 215/.125ng	FCA 749	344.47	213	360.23	185
Fca 215/.125ng	FCA 749	344.47	247	360.32	143
Fca 215/.125ng	FCA 740	312.36	914	320.58	706
Fca 215/.125ng	FCA 740	312.38	1022	320.54	800
Fca 215/.125ng	FCA 736	164.02	224	180.15	171
Fca 215/.125ng	FCA 736	163.95	299	180.14	293
Fca 215/.125ng	F124	271.41	1527	275.25	985
Fca 215/.125ng	F124	271.36	1496	275.2	1508
Fca 215/.125ng	F53	135.41	272	140.46	285
Fca 215/.125ng	F53	135.4	413	140.38	397
Fca 215/.125ng	F85	246.93	1581	269.03	1068
Fca 215/.125ng	F85	246.9	1682	269.05	1561
Fca 215/.125ng	FCA 441	116.89	293	120.67	325
Fca 215/.125ng	FCA 441	116.8	468	120.67	353

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/.125ng	FCA 731	345.1	1065	368.85	790
Fca 215/.125ng	FCA 731	345.09	1553	368.86	1060
Fca 215/.125ng	SRY	96.86	1662	0	0
Fca 215/.125ng	SRY	96.91	2016	0	0
Fca 215/.250ng	FCA 723	271.56	840	283.42	1045
Fca 215/.250ng	FCA 723	271.49	1625	283.37	1252
Fca 215/.250ng	FCA 733	194.46	790	198.34	715
Fca 215/.250ng	FCA 733	194.36	1346	198.26	1379
Fca 215/.250ng	FCA 742	145.83	627	150.34	697
Fca 215/.250ng	FCA 742	145.83	1042	150.26	1124
Fca 215/.250ng	FCA 749	344.54	269	360.27	227
Fca 215/.250ng	FCA 749	344.44	284	360.2	351
Fca 215/.250ng	FCA 740	312.42	887	320.61	1023
Fca 215/.250ng	FCA 740	312.36	1424	320.56	1441
Fca 215/.250ng	FCA 736	164.03	285	180.14	271
Fca 215/.250ng	FCA 736	164.05	400	180.16	294
Fca 215/.250ng	F124	271.39	1951	275.25	1844
Fca 215/.250ng	F124	271.31	2695	275.18	2161
Fca 215/.250ng	F53	135.4	273	140.47	279
Fca 215/.250ng	F53	135.39	441	140.47	409
Fca 215/.250ng	F85	246.91	1472	269	1142
Fca 215/.250ng	F85	246.84	2948	269	1773
Fca 215/.250ng	FCA 441	116.87	425	120.66	386
Fca 215/.250ng	FCA 441	116.81	439	120.69	504
Fca 215/.250ng	FCA 731	345.07	972	368.83	1255
Fca 215/.250ng	FCA 731	345.06	1611	368.87	1252
Fca 215/.250ng	SRY	96.84	1818	0	0
Fca 215/.250ng	SRY	96.9	2587	0	0
Fca 215/.5ng	FCA 723	0	0	0	0
Fca 215/.5ng	FCA 723	271.55	3616	283.41	3397
Fca 215/.5ng	FCA 733	0	0	0	0
Fca 215/.5ng	FCA 733	194.44	2726	198.26	2278
Fca 215/.5ng	FCA 742	0	0	0	0
Fca 215/.5ng	FCA 742	145.83	1526	150.34	1830
Fca 215/.5ng	FCA 749	0	0	0	0
Fca 215/.5ng	FCA 749	344.54	642	360.34	534
Fca 215/.5ng	FCA 740	0	0	0	0
Fca 215/.5ng	FCA 740	312.34	2590	320.53	2724
Fca 215/.5ng	FCA 736	0	0	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/.5ng	FCA 736	164.05	548	180.16	554
Fca 215/.5ng	F124	0	0	0	0
Fca 215/.5ng	F124	271.37	4741	275.23	4244
Fca 215/.5ng	F53	0	0	0	0
Fca 215/.5ng	F53	135.46	741	140.55	639
Fca 215/.5ng	F85	0	0	0	0
Fca 215/.5ng	F85	246.86	3993	268.98	3244
Fca 215/.5ng	FCA 441	0	0	0	0
Fca 215/.5ng	FCA 441	116.83	809	120.73	838
Fca 215/.5ng	FCA 731	0	0	0	0
Fca 215/.5ng	FCA 731	344.99	2545	368.89	2521
Fca 215/.5ng	SRY	0	0	0	0
Fca 215/.5ng	SRY	96.9	4322	0	0
Fca 215/1.0ng	FCA 733	194.46	3766	198.34	3652
Fca 215/1.0ng	FCA 733	194.35	5208	198.25	4784
Fca 215/1.0ng	FCA 742	145.83	2021	150.34	2062
Fca 215/1.0ng	FCA 742	145.83	4119	150.26	4190
Fca 215/1.0ng	FCA 749	344.46	903	360.26	708
Fca 215/1.0ng	FCA 749	344.53	1072	360.29	1043
Fca 215/1.0ng	FCA 740	312.4	2894	320.57	2263
Fca 215/1.0ng	FCA 740	312.36	5886	320.56	4740
Fca 215/1.0ng	FCA 736	164.13	931	180.12	766
Fca 215/1.0ng	FCA 736	164.06	1338	180.11	1184
Fca 215/1.0ng	F124	271.23	5911	275.25	5600
Fca 215/1.0ng	F124	271.05	6025	275.34	7981
Fca 215/1.0ng	F53	135.48	996	140.47	960
Fca 215/1.0ng	F53	135.46	1496	140.47	1610
Fca 215/1.0ng	F85	246.9	3623	269	2626
Fca 215/1.0ng	F85	246.81	7010	268.99	5158
Fca 215/1.0ng	FCA 441	116.8	1213	120.67	1132
Fca 215/1.0ng	FCA 441	116.84	1688	120.74	1603
Fca 215/1.0ng	FCA 731	344.99	3042	368.83	2782
Fca 215/1.0ng	FCA 731	344.98	3550	368.87	4084
Fca 215/1.0ng	SRY	96.91	5998	0	0
Fca 215/1.0ng	SRY	96.9	7968	0	0
Fca 215/10 ng	FCA 723	272.17	8511	283.7	8127
Fca 215/10 ng	FCA 723	272.23	7239	283.43	7166
Fca 215/10ng	FCA 733	195.69	8886	199.75	8872
Fca 215/10ng	FCA 733	195.83	8979	199.82	8708

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/10ng	FCA 742	146.53	5660	150.99	7124
Fca 215/10ng	FCA 742	146.59	7125	151.08	7181
Fca 215/10ng	FCA 749	344.44	4895	360.28	4003
Fca 215/10ng	FCA 749	344.51	3022	360.23	2400
Fca 215/10ng	FCA 740	311.72	7105	320.01	7149
Fca 215/10ng	FCA 740	311.93	7624	320.16	7485
Fca 215/10ng	FCA 736	165.44	7167	181.1	5481
Fca 215/10ng	FCA 736	165.14	7272	181.25	6208
Fca 215/10ng	F124	273.14	4645	276.71	6340
Fca 215/10ng	F124	272.4	2424	276.56	6930
Fca 215/10ng	F53	136.67	7368	141.79	7278
Fca 215/10ng	F53	136.5	7446	141.56	7025
Fca 215/10ng	F85	247.85	7033	269.58	6386
Fca 215/10ng	F85	248.09	7384	270.03	6659
Fca 215/10ng	FCA 441	117.05	7467	121.19	7501
Fca 215/10ng	FCA 441	117.3	7714	121.37	7007
Fca 215/10ng	FCA 731	345.13	6876	368.91	5687
Fca 215/10ng	FCA 731	345.12	5100	368.89	4020
Fca 215/10ng	SRY	97.46	6684	0	0
Fca 215/10ng	SRY	96.41	7322	0	0
Fca 215/1ng	FCA 723	271.48	4186	283.42	3662
Fca 215/1ng	FCA 723	271.48	6753	283.37	5461
Fca 215/2.0ng	FCA 733	194.43	5397	198.31	5207
Fca 215/2.0ng	FCA 733	193.97	7659	197.99	7659
Fca 215/2.0ng	FCA 742	145.85	3774	150.34	3748
Fca 215/2.0ng	FCA 742	145.21	7721	149.35	7766
Fca 215/2.0ng	FCA 749	344.43	902	360.22	838
Fca 215/2.0ng	FCA 749	344.51	1907	360.24	1760
Fca 215/2.0ng	FCA 740	312.28	5318	320.52	4495
Fca 215/2.0ng	FCA 740	312.51	7813	320.69	7817
Fca 215/2.0ng	FCA 736	164.02	1577	180.09	1418
Fca 215/2.0ng	FCA 736	163.02	2799	179.46	2306
Fca 215/2.0ng	F124	271.06	6551	275.24	7513
Fca 215/2.0ng	F124	272.2	5164	275.86	7456
Fca 215/2.0ng	F53	136.07	1521	140.49	1359
Fca 215/2.0ng	F53	135.53	3492	140.34	3102
Fca 215/2.0ng	F85	246.83	5238	268.97	3661
Fca 215/2.0ng	F85	246.89	7797	269.16	7281
Fca 215/2.0ng	FCA 441	116.8	2113	120.72	1782

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/2.0ng	FCA 441	117.19	3668	121.06	3246
Fca 215/2.0ng	FCA 731	344.98	2927	368.88	2662
Fca 215/2.0ng	FCA 731	344.96	5090	368.83	4477
Fca 215/2.0ng	SRY	97.02	7987	0	0
Fca 215/2.0ng	SRY	96.63	7150	0	0
Fca 215/2ng	FCA 723	271.49	6470	283.39	4538
Fca 215/2ng	FCA 723	271.86	6993	283.38	7620
Fca 215/5.0ng	FCA 733	194.24	9026	198.22	8836
Fca 215/5.0ng	FCA 733	194.21	8877	198.21	8662
Fca 215/5.0ng	FCA 742	144.74	7222	148.81	7413
Fca 215/5.0ng	FCA 742	144.79	7338	149.84	7203
Fca 215/5.0ng	FCA 749	344.49	3334	360.34	2811
Fca 215/5.0ng	FCA 749	344.47	2872	360.29	2532
Fca 215/5.0ng	FCA 740	311.9	7731	321	7483
Fca 215/5.0ng	FCA 740	311.95	7586	320.19	7550
Fca 215/5.0ng	FCA 736	163.13	5741	179.59	5186
Fca 215/5.0ng	FCA 736	163.13	5591	179.57	4534
Fca 215/5.0ng	F124	272.34	4744	275.99	7158
Fca 215/5.0ng	F124	272.31	4633	275.97	7057
Fca 215/5.0ng	F53	135.55	7070	140.29	6484
Fca 215/5.0ng	F53	135.61	6641	140.38	5480
Fca 215/5.0ng	F85	246.76	7522	268.95	7163
Fca 215/5.0ng	F85	246.8	7543	269	7218
Fca 215/5.0ng	FCA 441	117.21	7509	121.15	5999
Fca 215/5.0ng	FCA 441	117.24	7007	121.12	5671
Fca 215/5.0ng	FCA 731	345.11	6251	368.9	5037
Fca 215/5.0ng	FCA 731	345.1	5245	368.89	4710
Fca 215/5.0ng	SRY	97.38	7027	0	0
Fca 215/5.0ng	SRY	97.36	7403	0	0
Fca 215/5ng	FCA 723	271.49	7720	283.39	7262
Fca 215/5ng	FCA 723	271.55	7390	283.06	7222
Fca 215/N*	FCA 723	0	0	0	0
Fca 215/N	FCA 723	0	0	0	0
Fca 215/N	FCA 733	0	0	0	0
Fca 215/N	FCA 733	0	0	0	0
Fca 215/N	FCA 742	0	0	0	0
Fca 215/N	FCA 742	0	0	0	0
Fca 215/N	FCA 749	0	0	0	0
Fca 215/N	FCA 749	0	0	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 215/N	FCA 740	0	0	0	0
Fca 215/N	FCA 740	0	0	0	0
Fca 215/N	FCA 736	0	0	0	0
Fca 215/N	FCA 736	0	0	0	0
Fca 215/N	F124	0	0	0	0
Fca 215/N	F124	0	0	0	0
Fca 215/N	F53	0	0	0	0
Fca 215/N	F53	0	0	0	0
Fca 215/N	F85	0	0	0	0
Fca 215/N	F85	0	0	0	0
Fca 215/N	FCA 441	0	0	0	0
Fca 215/N	FCA 441	0	0	0	0
Fca 215/N	FCA 731	0	0	0	0
Fca 215/N	FCA 731	0	0	0	0
Fca 215/N	SRY	0	0	0	0
Fca 215/N	SRY	0	0	0	0
Fca 426/.008ng	FCA 723	0	0	0	0
Fca 426/.008ng	FCA 723	0	0	0	0
Fca 426/.008ng	FCA 733	0	0	0	0
Fca 426/.008ng	FCA 733	0	0	0	0
Fca 426/.008ng	FCA 742	0	0	0	0
Fca 426/.008ng	FCA 742	0	0	0	0
Fca 426/.008ng	FCA 749	0	0	0	0
Fca 426/.008ng	FCA 749	0	0	0	0
Fca 426/.008ng	FCA 740	0	0	0	0
Fca 426/.008ng	FCA 740	0	0	0	0
Fca 426/.008ng	FCA 736	0	0	0	0
Fca 426/.008ng	FCA 736	0	0	0	0
Fca 426/.008ng	F124	0	0	0	0
Fca 426/.008ng	F124	0	0	0	0
Fca 426/.008ng	F53	0	0	0	0
Fca 426/.008ng	F53	0	0	0	0
Fca 426/.008ng	F85	0	0	0	0
Fca 426/.008ng	F85	0	0	0	0
Fca 426/.008ng	FCA 441	0	0	0	0
Fca 426/.008ng	FCA 441	0	0	0	0
Fca 426/.008ng	FCA 731	0	0	0	0
Fca 426/.008ng	FCA 731	0	0	0	0
Fca 426/.008ng	SRY	0	0	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/.008ng	SRY	0	0	0	0
Fca 426/.016ng	FCA 723	0	0	0	0
Fca 426/.016ng	FCA 723	0	0	0	0
Fca 426/.016ng	FCA 733	0	0	0	0
Fca 426/.016ng	FCA 733	0	0	0	0
Fca 426/.016ng	FCA 742	0	0	0	0
Fca 426/.016ng	FCA 742	0	0	0	0
Fca 426/.016ng	FCA 749	0	0	0	0
Fca 426/.016ng	FCA 749	0	0	0	0
Fca 426/.016ng	FCA 740	0	0	0	0
Fca 426/.016ng	FCA 740	0	0	0	0
Fca 426/.016ng	FCA 736	0	0	0	0
Fca 426/.016ng	FCA 736	0	0	0	0
Fca 426/.016ng	F124	0	0	0	0
Fca 426/.016ng	F124	0	0	0	0
Fca 426/.016ng	F53	0	0	0	0
Fca 426/.016ng	F53	0	0	0	0
Fca 426/.016ng	F85	0	0	0	0
Fca 426/.016ng	F85	0	0	0	0
Fca 426/.016ng	FCA 441	0	0	0	0
Fca 426/.016ng	FCA 441	0	0	0	0
Fca 426/.016ng	FCA 731	0	0	0	0
Fca 426/.016ng	FCA 731	0	0	0	0
Fca 426/.016ng	SRY	0	0	0	0
Fca 426/.016ng	SRY	0	0	0	0
Fca 426/.0313ng	FCA 723	258.74	67	0	0
Fca 426/.0313ng	FCA 723	0	0	0	0
Fca 426/.0313ng	FCA 733	182.5	210	0	0
Fca 426/.0313ng	FCA 733	182.45	114	0	0
Fca 426/.0313ng	FCA 742	150.17	93	154.66	162
Fca 426/.0313ng	FCA 742	0	0	0	0
Fca 426/.0313ng	FCA 749	0	0	0	0
Fca 426/.0313ng	FCA 749	0	0	0	0
Fca 426/.0313ng	FCA 740	0	0	0	0
Fca 426/.0313ng	FCA 740	0	0	0	0
Fca 426/.0313ng	FCA 736	0	0	0	0
Fca 426/.0313ng	FCA 736	0	0	0	0
Fca 426/.0313ng	F124	263.56	96	0	0
Fca 426/.0313ng	F124	263.51	57	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/.0313ng	F53	132.33	66	172.98	50
Fca 426/.0313ng	F53	0	0	0	0
Fca 426/.0313ng	F85	195.52	507	0	0
Fca 426/.0313ng	F85	195.51	73	0	0
Fca 426/.0313ng	FCA 441	0	0	0	0
Fca 426/.0313ng	FCA 441	0	0	0	0
Fca 426/.0313ng	FCA 731	0	0	0	0
Fca 426/.0313ng	FCA 731	0	0	0	0
Fca 426/.0313ng	SRY	0	0	0	0
Fca 426/.0313ng	SRY	0	0	0	0
Fca 426/.063ng	FCA 723	258.81	375	275.72	308
Fca 426/.063ng	FCA 723	258.81	662	275.62	779
Fca 426/.063ng	FCA 733	182.55	725	0	0
Fca 426/.063ng	FCA 733	182.38	1103	0	0
Fca 426/.063ng	FCA 742	150.26	420	154.66	256
Fca 426/.063ng	FCA 742	150.34	610	154.57	770
Fca 426/.063ng	FCA 749	356.1	90	364.26	61
Fca 426/.063ng	FCA 749	356.21	148	364.22	94
Fca 426/.063ng	FCA 740	316.38	414	0	0
Fca 426/.063ng	FCA 740	316.44	782	0	0
Fca 426/.063ng	FCA 736	188.11	177	0	0
Fca 426/.063ng	FCA 736	187.97	234	0	0
Fca 426/.063ng	F124	263.62	383	301.62	771
Fca 426/.063ng	F124	263.56	580	301.53	840
Fca 426/.063ng	F53	132.42	235	173.08	60
Fca 426/.063ng	F53	132.38	353	172.88	253
Fca 426/.063ng	F85	195.51	1425	0	0
Fca 426/.063ng	F85	195.48	1777	0	0
Fca 426/.063ng	FCA 441	121	129	124.95	140
Fca 426/.063ng	FCA 441	120.91	137	124.87	179
Fca 426/.063ng	FCA 731	345	607	0	0
Fca 426/.063ng	FCA 731	344.98	1314	0	0
Fca 426/.063ng	SRY	96.96	683	0	0
Fca 426/.063ng	SRY	96.95	932	0	0
Fca 426/.125ng	FCA 723	258.82	1156	275.68	1075
Fca 426/.125ng	FCA 723	258.79	1257	275.69	1126
Fca 426/.125ng	FCA 733	182.53	1595	0	0
Fca 426/.125ng	FCA 733	182.47	1788	0	0
Fca 426/.125ng	FCA 742	150.26	1025	154.65	701

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/.125ng	FCA 742	150.26	759	154.74	487
Fca 426/.125ng	FCA 749	356.19	361	364.15	189
Fca 426/.125ng	FCA 749	356.14	261	364.23	315
Fca 426/.125ng	FCA 740	316.41	1351	0	0
Fca 426/.125ng	FCA 740	316.45	1404	0	0
Fca 426/.125ng	FCA 736	188.08	365	0	0
Fca 426/.125ng	FCA 736	188.07	333	0	0
Fca 426/.125ng	F124	263.56	1599	301.59	1091
Fca 426/.125ng	F124	263.48	909	301.61	1452
Fca 426/.125ng	F53	132.5	652	173.11	379
Fca 426/.125ng	F53	132.44	407	173.01	427
Fca 426/.125ng	F85	195.59	2555	0	0
Fca 426/.125ng	F85	195.48	3132	0	0
Fca 426/.125ng	FCA 441	120.83	299	124.96	264
Fca 426/.125ng	FCA 441	120.84	330	124.92	410
Fca 426/.125ng	FCA 731	344.98	1822	0	0
Fca 426/.125ng	FCA 731	344.94	2344	0	0
Fca 426/.125ng	SRY	96.93	1956	0	0
Fca 426/.125ng	SRY	96.91	1744	0	0
Fca 426/.25ng	FCA 723	258.63	896	275.52	1001
Fca 426/.25ng	FCA 723	258.99	1387	275.88	1101
Fca 426/.25ng	FCA 733	182.45	1691	0	0
Fca 426/.25ng	FCA 733	182.51	2015	0	0
Fca 426/.25ng	FCA 742	150.34	774	154.78	829
Fca 426/.25ng	FCA 742	150.26	604	154.74	590
Fca 426/.25ng	FCA 749	356.15	215	363.84	219
Fca 426/.25ng	FCA 749	356.21	226	364.2	293
Fca 426/.25ng	FCA 740	317.28	1732	0	0
Fca 426/.25ng	FCA 740	316.51	1928	0	0
Fca 426/.25ng	FCA 736	188.02	434	0	0
Fca 426/.25ng	FCA 736	188.12	506	0	0
Fca 426/.25ng	F124	263.4	1580	301.71	1413
Fca 426/.25ng	F124	263.68	2280	301.69	2093
Fca 426/.25ng	F53	132.38	428	173.02	354
Fca 426/.25ng	F53	132.51	516	173.43	339
Fca 426/.25ng	F85	195.49	4168	0	0
Fca 426/.25ng	F85	195.54	4060	0	0
Fca 426/.25ng	FCA 441	120.82	443	124.96	399
Fca 426/.25ng	FCA 441	120.88	532	124.97	544

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/.25ng	FCA 731	345.54	1791	0	0
Fca 426/.25ng	FCA 731	345.04	2673	0	0
Fca 426/.25ng	SRY	96.81	2015	0	0
Fca 426/.25ng	SRY	96.9	2339	0	0
Fca 426/.5ng	FCA 723	258.7	827	275.57	907
Fca 426/.5ng	FCA 723	259.08	822	275.95	814
Fca 426/.5ng	FCA 733	182.55	1327	0	0
Fca 426/.5ng	FCA 733	182.57	1539	0	0
Fca 426/.5ng	FCA 742	151.17	570	155.41	552
Fca 426/.5ng	FCA 742	150.25	137	155.45	103
Fca 426/.5ng	FCA 749	356.18	174	363.9	140
Fca 426/.5ng	FCA 749	356.33	130	364.25	102
Fca 426/.5ng	FCA 740	317.48	1302	0	0
Fca 426/.5ng	FCA 740	316.57	276	0	0
Fca 426/.5ng	FCA 736	188.09	407	0	0
Fca 426/.5ng	FCA 736	188.13	336	0	0
Fca 426/.5ng	F124	263.44	1183	301.81	1078
Fca 426/.5ng	F124	263.83	1078	301.68	908
Fca 426/.5ng	F53	133.13	343	173.49	262
Fca 426/.5ng	F53	133.19	212	173.56	153
Fca 426/.5ng	F85	195.51	2595	0	0
Fca 426/.5ng	F85	195.5	461	0	0
Fca 426/.5ng	FCA 441	120.93	330	125.05	304
Fca 426/.5ng	FCA 441	120.88	308	124.94	346
Fca 426/.5ng	FCA 731	345.62	1258	0	0
Fca 426/.5ng	FCA 731	345.08	1503	0	0
Fca 426/.5ng	SRY	96.75	1461	0	0
Fca 426/.5ng	SRY	96.92	1213	0	0
Fca 426/1.0 ng	FCA 723	258.96	4060	275.8	3385
Fca 426/1.0 ng	FCA 723	258.93	4127	275.73	3790
Fca 426/1.0 ng	FCA 733	182.51	7003	0	0
Fca 426/1.0 ng	FCA 733	182.51	7169	0	0
Fca 426/1.0 ng	FCA 742	151.02	1147	155.41	1052
Fca 426/1.0 ng	FCA 742	151.02	2225	155.41	1862
Fca 426/1.0 ng	FCA 749	356.34	522	364.3	491
Fca 426/1.0 ng	FCA 749	356.27	751	364.24	719
Fca 426/1.0 ng	FCA 740	316.48	3474	0	0
Fca 426/1.0 ng	FCA 740	316.44	6138	0	0
Fca 426/1.0 ng	FCA 736	188.06	1589	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/1.0 ng	FCA 736	188.12	1661	0	0
Fca 426/1.0 ng	F124	263.69	4618	301.62	3829
Fca 426/1.0 ng	F124	263.65	5108	301.61	4831
Fca 426/1.0 ng	F53	133.14	811	173.55	724
Fca 426/1.0 ng	F53	133.07	1279	173.5	1048
Fca 426/1.0 ng	F85	195.52	6608	0	0
Fca 426/1.0 ng	F85	195.3	7774	0	0
Fca 426/1.0 ng	FCA 441	120.86	1575	124.95	1544
Fca 426/1.0 ng	FCA 441	120.92	1539	124.92	1449
Fca 426/1.0 ng	FCA 731	345.09	5085	0	0
Fca 426/1.0 ng	FCA 731	345	5474	0	0
Fca 426/1.0 ng	SRY	96.9	6140	0	0
Fca 426/1.0 ng	SRY	96.91	6691	0	0
Fca 426/10 ng	FCA 723	258.81	758	275.62	642
Fca 426/10 ng	FCA 723	258.85	56	275.63	54
Fca 426/10 ng	FCA 733	182.49	1953	0	0
Fca 426/10 ng	FCA 733	182.42	121	0	0
Fca 426/10 ng	FCA 742	150.17	483	154.61	450
Fca 426/10 ng	FCA 742	0	0	0	0
Fca 426/10 ng	FCA 749	356.11	122	364.19	116
Fca 426/10 ng	FCA 749	0	0	0	0
Fca 426/10 ng	FCA 740	316.44	844	0	0
Fca 426/10 ng	FCA 740	0	0	0	0
Fca 426/10 ng	FCA 736	188.05	602	0	0
Fca 426/10 ng	FCA 736	0	0	0	0
Fca 426/10 ng	F124	263.55	1211	301.53	939
Fca 426/10 ng	F124	263.67	84	301.62	73
Fca 426/10 ng	F53	132.33	351	173.03	171
Fca 426/10 ng	F53	0	0	0	0
Fca 426/10 ng	F85	194.56	1169	0	0
Fca 426/10 ng	F85	195.38	62	0	0
Fca 426/10 ng	FCA 441	119.84	518	123.85	460
Fca 426/10 ng	FCA 441	0	0	0	0
Fca 426/10 ng	FCA 731	345.07	740	0	0
Fca 426/10 ng	FCA 731	0	0	0	0
Fca 426/10 ng	SRY	96.96	1401	0	0
Fca 426/10 ng	SRY	0	0	0	0
Fca 426/2.0 ng	FCA 723	258.93	1447	275.81	1273
Fca 426/2.0 ng	FCA 723	258.98	1824	275.75	1515

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/2.0 ng	FCA 733	182.51	2630	0	0
Fca 426/2.0 ng	FCA 733	182.52	3666	0	0
Fca 426/2.0 ng	FCA 742	151.04	798	155.41	845
Fca 426/2.0 ng	FCA 742	151.03	1225	155.37	1049
Fca 426/2.0 ng	FCA 749	356.44	209	364.44	225
Fca 426/2.0 ng	FCA 749	356.45	283	364.45	257
Fca 426/2.0 ng	FCA 740	316.44	1527	0	0
Fca 426/2.0 ng	FCA 740	316.43	2162	0	0
Fca 426/2.0 ng	FCA 736	188.04	611	0	0
Fca 426/2.0 ng	FCA 736	188.04	771	0	0
Fca 426/2.0 ng	F124	263.71	1748	301.73	1524
Fca 426/2.0 ng	F124	263.76	2422	301.64	1847
Fca 426/2.0 ng	F53	133.15	604	173.54	404
Fca 426/2.0 ng	F53	133.17	756	173.49	426
Fca 426/2.0 ng	F85	195.48	2193	0	0
Fca 426/2.0 ng	F85	195.48	3521	0	0
Fca 426/2.0 ng	FCA 441	120.81	541	124.95	496
Fca 426/2.0 ng	FCA 441	120.95	702	124.92	685
Fca 426/2.0 ng	FCA 731	345.11	1515	0	0
Fca 426/2.0 ng	FCA 731	345.01	2041	0	0
Fca 426/2.0 ng	SRY	96.87	2125	0	0
Fca 426/2.0 ng	SRY	96.95	2956	0	0
Fca 426/5.0 ng	FCA 723	258.87	7746	275.68	6453
Fca 426/5.0 ng	FCA 723	259.42	7740	276.52	7166
Fca 426/5.0 ng	FCA 733	182.45	9463	0	0
Fca 426/5.0 ng	FCA 733	182.38	10005	0	0
Fca 426/5.0 ng	FCA 742	150.34	5483	154.69	5317
Fca 426/5.0 ng	FCA 742	150.26	7539	154.66	6874
Fca 426/5.0 ng	FCA 749	356.22	1487	364.25	1367
Fca 426/5.0 ng	FCA 749	356.17	1808	364.16	1683
Fca 426/5.0 ng	FCA 740	316.65	7480	0	0
Fca 426/5.0 ng	FCA 740	317.17	7746	0	0
Fca 426/5.0 ng	FCA 736	188.02	4383	0	0
Fca 426/5.0 ng	FCA 736	188.02	5259	0	0
Fca 426/5.0 ng	F124	263.87	7997	301.63	7970
Fca 426/5.0 ng	F124	264.79	7811	302.52	7914
Fca 426/5.0 ng	F53	133.12	2787	173.46	1769
Fca 426/5.0 ng	F53	132.42	3443	173	2132
Fca 426/5.0 ng	F85	195.19	7849	0	0

Sample/ DNA amount	STR	Allele 1 (bp)	Peak1 height	Allele 2 (bp)	Peak 2 height
Fca 426/5.0 ng	F85	194.38	7812	0	0
Fca 426/5.0 ng	FCA 441	120.88	3819	124.91	3263
Fca 426/5.0 ng	FCA 441	120.86	4262	124.88	4004
Fca 426/5.0 ng	FCA 731	344.97	7185	0	0
Fca 426/5.0 ng	FCA 731	344.84	7857	0	0
Fca 426/5.0 ng	SRY	97.19	7872	0	0
Fca 426/5.0 ng	SRY	97.2	7353	0	0
Fca 426/N*	FCA 723	0	0	0	0
Fca 426/N	FCA 723	0	0	0	0
Fca 426/N	FCA 733	0	0	0	0
Fca 426/N	FCA 733	0	0	0	0
Fca 426/N	FCA 742	0	0	0	0
Fca 426/N	FCA 742	0	0	0	0
Fca 426/N	FCA 749	0	0	0	0
Fca 426/N	FCA 749	0	0	0	0
Fca 426/N	FCA 740	0	0	0	0
Fca 426/N	FCA 740	0	0	0	0
Fca 426/N	FCA 736	0	0	0	0
Fca 426/N	FCA 736	0	0	0	0
Fca 426/N	F124	0	0	0	0
Fca 426/N	F124	0	0	0	0
Fca 426/N	F53	0	0	0	0
Fca 426/N	F53	0	0	0	0
Fca 426/N	F85	0	0	0	0
Fca 426/N	F85	0	0	0	0
Fca 426/N	FCA 441	0	0	0	0
Fca 426/N	FCA 441	0	0	0	0
Fca 426/N	FCA 731	0	0	0	0
Fca 426/N	FCA 731	0	0	0	0
Fca 426/N	SRY	0	0	0	0
Fca 426/N	SRY	0	0	0	0

*N: No DNA