

Supplementary Table 5-PCR products observed in the reproducibility study

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.125 ng	FCA 723	271.58	1133	283.33	1057
0.125 ng	FCA 723	271.53	1036	283.42	1173
0.125 ng	FCA 723	271.41	1202	283.29	1339
0.125 ng	FCA 723	271.44	812	283.23	719
0.125 ng	FCA 723	271.5	594	283.33	565
0.125 ng	FCA 723	271.51	652	283.23	487
0.125 ng	FCA 723	271.36	593	283.26	541
0.125 ng	FCA 723	271.36	285	283.24	275
0.125 ng	FCA 723	271.47	301	283.27	367
0.125 ng	FCA 723	271.51	534	283.36	485
0.125 ng	FCA 723	271.48	594	283.32	579
0.125 ng	FCA 723	271.42	618	283.31	672
0.125 ng	FCA 723	271.47	2302	283.38	1695
0.125 ng	FCA 723	271.72	747	283.54	706
0.125 ng	FCA 723	271.44	522	283.22	398
0.125 ng	FCA 723	271.51	283	283.24	290
0.125 ng	FCA 723	271.47	240	283.19	203
0.125 ng	FCA 723	271.49	319	283.32	246
0.125 ng	FCA 723	271.49	257	283.38	177
0.125 ng	FCA 733	194.62	549	198.52	456
0.125 ng	FCA 733	194.66	418	198.55	441
0.125 ng	FCA 733	194.46	1506	198.34	1522
0.125 ng	FCA 733	194.5	564	198.37	738
0.125 ng	FCA 733	194.44	673	198.34	763
0.125 ng	FCA 733	194.36	473	198.28	682
0.125 ng	FCA 733	194.44	650	198.33	671
0.125 ng	FCA 733	194.48	325	198.37	435
0.125 ng	FCA 733	194.38	319	198.26	327
0.125 ng	FCA 733	194.5	667	198.38	693
0.125 ng	FCA 733	194.46	845	198.34	733
0.125 ng	FCA 733	194.47	1067	198.37	591
0.125 ng	FCA 733	194.58	956	198.35	1316
0.125 ng	FCA 733	194.62	434	198.46	660
0.125 ng	FCA 733	194.3	348	198.24	394
0.125 ng	FCA 733	194.37	263	198.28	221
0.125 ng	FCA 733	194.38	148	198.24	278
0.125 ng	FCA 733	194.36	339	198.2	408
0.125 ng	FCA 733	194.4	210	198.32	331
0.125 ng	FCA 742	145.98	438	150.58	482

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.125 ng	FCA 742	145.96	657	150.49	657
0.125 ng	FCA 742	145.92	932	150.34	775
0.125 ng	FCA 742	145.89	399	150.42	361
0.125 ng	FCA 742	145.83	464	150.26	217
0.125 ng	FCA 742	145.87	257	150.42	315
0.125 ng	FCA 742	145.83	513	150.34	427
0.125 ng	FCA 742	145.89	227	150.25	171
0.125 ng	FCA 742	145.83	177	150.34	154
0.125 ng	FCA 742	145.81	348	150.25	271
0.125 ng	FCA 742	145.91	330	150.43	353
0.125 ng	FCA 742	145.89	350	150.34	248
0.125 ng	FCA 742	146.03	645	150.51	751
0.125 ng	FCA 742	146.01	558	150.5	515
0.125 ng	FCA 742	145.89	422	150.34	215
0.125 ng	FCA 742	145.78	131	150.42	141
0.125 ng	FCA 742	145.8	140	150.34	120
0.125 ng	FCA 742	145.86	164	150.34	249
0.125 ng	FCA 742	145.8	151	150.26	188
0.125 ng	FCA 749	344.54	585	360.27	234
0.125 ng	FCA 749	344.45	564	360.29	398
0.125 ng	FCA 749	344.6	630	360.22	588
0.125 ng	FCA 749	344.49	298	360.2	232
0.125 ng	FCA 749	344.59	235	360.26	215
0.125 ng	FCA 749	344.48	170	360.28	198
0.125 ng	FCA 749	344.5	192	360.33	226
0.125 ng	FCA 749	344.48	161	360.19	115
0.125 ng	FCA 749	344.42	116	360.15	137
0.125 ng	FCA 749	344.51	157	360.17	265
0.125 ng	FCA 749	344.5	246	360.17	184
0.125 ng	FCA 749	344.49	296	360.28	359
0.125 ng	FCA 749	344.46	632	360.25	599
0.125 ng	FCA 749	344.49	410	360.23	329
0.125 ng	FCA 749	344.52	176	360.13	116
0.125 ng	FCA 749	344.6	93	360.41	77
0.125 ng	FCA 749	344.59	80	360.33	100
0.125 ng	FCA 749	344.51	95	360.25	110
0.125 ng	FCA 749	344.42	68	360.3	94
0.125 ng	FCA 740	312.64	443	320.86	559
0.125 ng	FCA 740	312.63	835	320.78	674
0.125 ng	FCA 740	312.37	984	320.58	905

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.125 ng	FCA 740	312.41	324	320.67	328
0.125 ng	FCA 740	312.39	313	320.62	224
0.125 ng	FCA 740	312.44	297	320.63	259
0.125 ng	FCA 740	312.3	277	320.53	290
0.125 ng	FCA 740	312.35	219	320.46	157
0.125 ng	FCA 740	312.37	202	320.58	136
0.125 ng	FCA 740	312.45	289	320.6	297
0.125 ng	FCA 740	312.39	332	320.53	350
0.125 ng	FCA 740	312.41	227	320.59	259
0.125 ng	FCA 740	312.46	642	320.7	771
0.125 ng	FCA 740	312.56	630	320.78	460
0.125 ng	FCA 740	312.27	285	320.51	192
0.125 ng	FCA 740	312.36	138	320.62	99
0.125 ng	FCA 740	312.32	115	320.49	117
0.125 ng	FCA 740	312.27	160	320.53	214
0.125 ng	FCA 740	312.39	130	320.46	77
0.125 ng	FCA 736	164.28	278	180.29	368
0.125 ng	FCA 736	164.22	175	180.37	135
0.125 ng	FCA 736	164.03	228	180.21	305
0.125 ng	FCA 736	164.21	171	180.21	170
0.125 ng	FCA 736	164.13	133	180.23	99
0.125 ng	FCA 736	164.06	134	180.13	188
0.125 ng	FCA 736	164.11	146	180.09	118
0.125 ng	FCA 736	164.06	87	180.17	63
0.125 ng	FCA 736	164.03	127	180.13	77
0.125 ng	FCA 736	164.21	126	180.22	116
0.125 ng	FCA 736	164.13	160	180.12	136
0.125 ng	FCA 736	164.14	266	180.28	213
0.125 ng	FCA 736	164.25	389	180.36	235
0.125 ng	FCA 736	164.24	229	180.31	189
0.125 ng	FCA 736	163.99	92	180.12	90
0.125 ng	FCA 736	164.06	60	0	0
0.125 ng	FCA 736	164.17	71	180.27	56
0.125 ng	FCA 736	164.09	92	180.17	59
0.125 ng	FCA 736	164.16	67	180.15	73
0.125 ng	F124	271.49	1603	275.37	2231
0.125 ng	F124	271.45	2367	275.4	1745
0.125 ng	F124	271.32	3065	275.27	2313
0.125 ng	F124	271.36	1299	275.22	1149
0.125 ng	F124	271.41	1098	275.2	514

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.125 ng	F124	271.34	972	275.21	910
0.125 ng	F124	271.36	1300	275.23	1093
0.125 ng	F124	271.27	705	275.14	376
0.125 ng	F124	271.3	493	275.16	601
0.125 ng	F124	271.43	1235	275.28	1016
0.125 ng	F124	271.4	1228	275.27	810
0.125 ng	F124	271.34	1509	275.2	1669
0.125 ng	F124	271.39	4441	275.31	3496
0.125 ng	F124	271.47	1219	275.45	1060
0.125 ng	F124	271.35	607	275.18	691
0.125 ng	F124	271.34	472	275.16	290
0.125 ng	F124	271.38	340	275.21	402
0.125 ng	F124	271.24	446	275.22	434
0.125 ng	F124	271.31	345	275.23	329
0.125 ng	F53	135.46	453	140.53	429
0.125 ng	F53	135.44	447	140.51	605
0.125 ng	F53	135.48	1003	140.47	586
0.125 ng	F53	135.46	411	140.44	322
0.125 ng	F53	135.4	427	140.55	271
0.125 ng	F53	135.35	339	140.46	319
0.125 ng	F53	135.33	287	140.55	296
0.125 ng	F53	135.37	252	140.44	173
0.125 ng	F53	135.48	172	140.47	191
0.125 ng	F53	135.37	380	140.44	359
0.125 ng	F53	135.48	208	140.47	302
0.125 ng	F53	135.45	382	140.44	444
0.125 ng	F53	135.51	1124	140.54	834
0.125 ng	F53	135.49	481	140.52	515
0.125 ng	F53	135.44	250	140.48	166
0.125 ng	F53	135.51	86	140.37	162
0.125 ng	F53	135.52	181	140.48	128
0.125 ng	F53	135.43	200	140.46	203
0.125 ng	F53	135.45	88	140.56	137
0.125 ng	F85	247.21	858	269.39	581
0.125 ng	F85	247.14	1326	269.31	991
0.125 ng	F85	246.96	1787	269.09	1170
0.125 ng	F85	246.91	911	269.09	528
0.125 ng	F85	246.89	605	269.01	423
0.125 ng	F85	246.86	634	269.07	432
0.125 ng	F85	246.96	792	269.04	565

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.125 ng	F85	246.91	380	269.01	419
0.125 ng	F85	246.83	258	268.98	176
0.125 ng	F85	247.03	541	269.17	489
0.125 ng	F85	246.95	798	269.08	386
0.125 ng	F85	247.02	459	269.07	421
0.125 ng	F85	247.06	1299	269.17	708
0.125 ng	F85	247.15	882	269.32	670
0.125 ng	F85	246.83	421	269.01	429
0.125 ng	F85	246.85	355	269.06	231
0.125 ng	F85	246.81	256	268.86	138
0.125 ng	F85	246.8	314	268.95	300
0.125 ng	F85	246.85	281	269.05	139
0.125 ng	FCA441	117.06	305	120.93	243
0.125 ng	FCA441	116.92	238	120.89	265
0.125 ng	FCA441	116.84	526	120.7	378
0.125 ng	FCA441	116.85	164	120.81	296
0.125 ng	FCA441	116.72	162	120.74	185
0.125 ng	FCA441	116.73	193	120.63	173
0.125 ng	FCA441	116.8	220	120.65	226
0.125 ng	FCA441	116.76	129	120.72	146
0.125 ng	FCA441	116.68	143	120.69	152
0.125 ng	FCA441	116.83	176	120.79	246
0.125 ng	FCA441	116.84	221	120.85	212
0.125 ng	FCA441	116.87	279	120.77	244
0.125 ng	FCA441	116.94	277	120.93	219
0.125 ng	FCA441	117	246	120.92	157
0.125 ng	FCA441	116.74	177	120.73	153
0.125 ng	FCA441	116.93	77	120.69	84
0.125 ng	FCA441	116.85	91	120.77	56
0.125 ng	FCA441	116.75	107	120.67	90
0.125 ng	FCA441	116.86	116	120.6	90
0.125 ng	FCA 731	345.33	820	369.12	597
0.125 ng	FCA 731	345.22	379	369.03	1259
0.125 ng	FCA 731	345.14	1527	368.92	1913
0.125 ng	FCA 731	345.1	521	368.9	1029
0.125 ng	FCA 731	345.04	398	368.81	666
0.125 ng	FCA 731	345.09	557	368.9	573
0.125 ng	FCA 731	345.04	554	368.87	785
0.125 ng	FCA 731	345.01	328	368.88	337
0.125 ng	FCA 731	344.96	299	368.86	366

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.125 ng	FCA 731	345.12	557	368.86	526
0.125 ng	FCA 731	345.04	587	368.9	584
0.125 ng	FCA 731	345.1	914	368.9	1027
0.125 ng	FCA 731	345.18	1172	368.98	1820
0.125 ng	FCA 731	345.18	814	369	733
0.125 ng	FCA 731	344.98	407	368.89	665
0.125 ng	FCA 731	345.05	241	368.96	333
0.125 ng	FCA 731	345.05	250	368.93	311
0.125 ng	FCA 731	344.96	295	368.81	343
0.125 ng	FCA 731	345.06	298	368.87	205
0.125 ng	SRY	96.97	3815	0	0
0.125 ng	SRY	96.92	2450	0	0
0.125 ng	SRY	96.92	3912	0	0
0.125 ng	SRY	96.88	1856	0	0
0.125 ng	SRY	96.92	1734	0	0
0.125 ng	SRY	96.88	2078	0	0
0.125 ng	SRY	96.92	1358	0	0
0.125 ng	SRY	96.81	1147	0	0
0.125 ng	SRY	96.85	968	0	0
0.125 ng	SRY	96.89	1598	0	0
0.125 ng	SRY	96.92	1445	0	0
0.125 ng	SRY	96.88	2816	0	0
0.125 ng	SRY	97.01	4026	0	0
0.125 ng	SRY	96.91	1901	0	0
0.125 ng	SRY	96.89	1149	0	0
0.125 ng	SRY	96.94	734	0	0
0.125 ng	SRY	96.88	666	0	0
0.125 ng	SRY	96.93	962	0	0
0.125 ng	SRY	96.89	716	0	0
0.25 ng	FCA 723	271.42	281	283.41	361
0.25 ng	FCA 723	271.43	458	283.32	445
0.25 ng	FCA 723	271.51	490	283.21	455
0.25 ng	FCA 723	271.56	395	283.28	480
0.25 ng	FCA 723	271.5	843	283.41	544
0.25 ng	FCA 723	271.71	701	283.43	821
0.25 ng	FCA 723	271.58	756	283.45	681
0.25 ng	FCA 723	271.56	540	283.43	513
0.25 ng	FCA 723	271.59	334	283.36	219
0.25 ng	FCA 723	271.5	307	283.4	290
0.25 ng	FCA 723	271.43	252	283.4	267

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.25 ng	FCA 723	271.45	370	283.33	373
0.25 ng	FCA 723	271.45	170	283.33	181
0.25 ng	FCA 723	271.5	292	283.27	298
0.25 ng	FCA 723	271.52	285	283.46	220
0.25 ng	FCA 723	271.44	687	283.24	530
0.25 ng	FCA 723	271.53	587	283.33	393
0.25 ng	FCA 723	271.55	1792	283.4	1445
0.25 ng	FCA 723	271.58	721	283.37	881
0.25 ng	FCA 733	194.36	356	198.28	348
0.25 ng	FCA 733	194.35	651	198.25	687
0.25 ng	FCA 733	194.44	778	198.28	743
0.25 ng	FCA 733	194.37	553	198.23	508
0.25 ng	FCA 733	194.44	925	198.36	824
0.25 ng	FCA 733	194.62	624	198.44	535
0.25 ng	FCA 733	194.59	780	198.46	571
0.25 ng	FCA 733	194.44	463	198.33	426
0.25 ng	FCA 733	194.49	283	198.27	254
0.25 ng	FCA 733	194.41	426	198.25	452
0.25 ng	FCA 733	194.31	278	198.27	373
0.25 ng	FCA 733	194.41	544	198.25	503
0.25 ng	FCA 733	194.42	288	198.27	231
0.25 ng	FCA 733	194.38	380	198.26	410
0.25 ng	FCA 733	194.42	394	198.27	282
0.25 ng	FCA 733	194.35	678	198.25	669
0.25 ng	FCA 733	194.31	716	198.19	552
0.25 ng	FCA 733	194.65	904	198.45	995
0.25 ng	FCA 733	194.51	660	198.46	789
0.25 ng	FCA 742	145.78	170	150.34	229
0.25 ng	FCA 742	145.8	278	150.34	305
0.25 ng	FCA 742	145.78	442	150.34	415
0.25 ng	FCA 742	145.89	336	150.26	297
0.25 ng	FCA 742	145.89	207	150.25	231
0.25 ng	FCA 742	145.81	97	150.34	127
0.25 ng	FCA 742	145.99	367	150.5	314
0.25 ng	FCA 742	145.83	156	150.34	200
0.25 ng	FCA 742	145.84	152	150.25	147
0.25 ng	FCA 742	145.89	210	150.26	267
0.25 ng	FCA 742	145.78	152	150.34	180
0.25 ng	FCA 742	145.83	233	150.34	257
0.25 ng	FCA 742	145.78	97	150.25	110

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.25 ng	FCA 742	145.82	264	150.17	268
0.25 ng	FCA 742	145.86	232	150.25	197
0.25 ng	FCA 742	145.83	476	150.34	373
0.25 ng	FCA 742	145.84	230	150.34	217
0.25 ng	FCA 742	146.04	531	150.5	593
0.25 ng	FCA 742	145.93	387	150.42	437
0.25 ng	FCA 749	344.61	99	360.2	118
0.25 ng	FCA 749	344.55	162	360.35	137
0.25 ng	FCA 749	344.43	156	360.37	158
0.25 ng	FCA 749	344.51	180	360.33	153
0.25 ng	FCA 749	344.6	260	360.39	197
0.25 ng	FCA 749	344.6	330	360.32	278
0.25 ng	FCA 749	344.54	324	360.2	362
0.25 ng	FCA 749	344.56	189	360.32	162
0.25 ng	FCA 749	344.49	87	360.46	89
0.25 ng	FCA 749	344.46	115	360.33	121
0.25 ng	FCA 749	344.65	91	360.31	81
0.25 ng	FCA 749	344.64	127	360.3	130
0.25 ng	FCA 749	344.66	54	360.36	83
0.25 ng	FCA 749	344.47	141	360.23	102
0.25 ng	FCA 749	344.5	135	360.27	93
0.25 ng	FCA 749	344.56	193	360.22	227
0.25 ng	FCA 749	344.67	146	360.27	207
0.25 ng	FCA 749	344.53	626	360.28	590
0.25 ng	FCA 749	344.45	367	360.36	270
0.25 ng	FCA 740	312.46	133	320.54	184
0.25 ng	FCA 740	312.29	299	320.48	307
0.25 ng	FCA 740	312.28	306	320.54	318
0.25 ng	FCA 740	312.29	257	320.45	322
0.25 ng	FCA 740	312.39	264	320.58	201
0.25 ng	FCA 740	312.53	219	320.79	205
0.25 ng	FCA 740	312.56	280	320.75	317
0.25 ng	FCA 740	312.37	216	320.63	189
0.25 ng	FCA 740	312.34	139	320.46	162
0.25 ng	FCA 740	312.3	213	320.4	196
0.25 ng	FCA 740	312.36	222	320.59	165
0.25 ng	FCA 740	312.31	235	320.59	264
0.25 ng	FCA 740	312.19	127	320.6	117
0.25 ng	FCA 740	312.18	202	320.45	168
0.25 ng	FCA 740	312.4	256	320.52	161



DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.25 ng	FCA 740	312.28	360	320.55	266
0.25 ng	FCA 740	312.34	179	320.56	169
0.25 ng	FCA 740	312.57	569	320.8	529
0.25 ng	FCA 740	312.48	349	320.84	337
0.25 ng	FCA 736	164.07	113	180.1	78
0.25 ng	FCA 736	164.05	135	180.02	112
0.25 ng	FCA 736	164.07	166	180.11	163
0.25 ng	FCA 736	164.08	154	180.15	111
0.25 ng	FCA 736	164.17	151	180.17	141
0.25 ng	FCA 736	164.14	168	180.27	189
0.25 ng	FCA 736	164.17	175	180.21	198
0.25 ng	FCA 736	164.13	134	180.15	98
0.25 ng	FCA 736	164.08	84	180.09	77
0.25 ng	FCA 736	163.98	109	180.06	90
0.25 ng	FCA 736	164.02	89	179.95	74
0.25 ng	FCA 736	163.88	136	180.07	98
0.25 ng	FCA 736	164.09	68	0	0
0.25 ng	FCA 736	164.06	92	180.1	74
0.25 ng	FCA 736	164.01	88	180.12	88
0.25 ng	FCA 736	164.05	158	180.18	149
0.25 ng	FCA 736	163.93	154	179.96	129
0.25 ng	FCA 736	164.29	284	180.37	264
0.25 ng	FCA 736	164.27	214	180.28	180
0.25 ng	F124	271.33	377	275.32	466
0.25 ng	F124	271.34	784	275.32	753
0.25 ng	F124	271.34	975	275.15	684
0.25 ng	F124	271.3	933	275.31	720
0.25 ng	F124	271.33	1004	275.23	825
0.25 ng	F124	271.46	1340	275.44	1277
0.25 ng	F124	271.42	1269	275.34	1181
0.25 ng	F124	271.39	645	275.28	570
0.25 ng	F124	271.42	445	275.33	286
0.25 ng	F124	271.33	722	275.23	535
0.25 ng	F124	271.43	502	275.27	348
0.25 ng	F124	271.37	720	275.26	703
0.25 ng	F124	271.36	292	275.2	191
0.25 ng	F124	271.24	666	275.12	632
0.25 ng	F124	271.43	440	275.26	365
0.25 ng	F124	271.35	1252	275.25	1013
0.25 ng	F124	271.28	970	275.2	915

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.25 ng	F124	271.38	2933	275.26	2540
0.25 ng	F124	271.41	1658	275.33	1309
0.25 ng	F53	135.43	148	140.46	177
0.25 ng	F53	135.37	290	140.39	231
0.25 ng	F53	135.43	298	140.37	206
0.25 ng	F53	135.44	216	140.57	278
0.25 ng	F53	135.44	261	140.53	229
0.25 ng	F53	135.53	246	140.53	309
0.25 ng	F53	135.39	384	140.45	443
0.25 ng	F53	136.11	192	140.55	184
0.25 ng	F53	135.42	129	140.47	143
0.25 ng	F53	135.46	182	140.48	238
0.25 ng	F53	135.42	138	140.54	114
0.25 ng	F53	135.47	149	140.56	147
0.25 ng	F53	135.34	103	140.46	81
0.25 ng	F53	135.47	198	140.38	178
0.25 ng	F53	135.34	166	140.46	146
0.25 ng	F53	135.39	382	140.55	283
0.25 ng	F53	135.41	276	140.47	233
0.25 ng	F53	135.38	732	140.37	570
0.25 ng	F53	135.48	508	140.52	513
0.25 ng	F85	246.83	437	269.05	341
0.25 ng	F85	246.79	569	269.01	516
0.25 ng	F85	246.83	677	268.98	517
0.25 ng	F85	246.82	687	268.96	466
0.25 ng	F85	246.83	375	268.96	381
0.25 ng	F85	247	328	269.26	217
0.25 ng	F85	247.07	618	269.26	595
0.25 ng	F85	246.88	465	268.98	332
0.25 ng	F85	246.85	311	269.05	270
0.25 ng	F85	246.76	469	268.91	248
0.25 ng	F85	246.78	444	268.96	311
0.25 ng	F85	246.84	580	269.04	433
0.25 ng	F85	246.75	259	268.9	207
0.25 ng	F85	246.75	502	268.92	306
0.25 ng	F85	246.87	429	269.06	319
0.25 ng	F85	246.81	650	269.02	507
0.25 ng	F85	246.82	536	268.98	399
0.25 ng	F85	247.09	1174	269.19	829
0.25 ng	F85	247.05	671	269.16	618

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.25 ng	FCA441	116.77	176	120.67	188
0.25 ng	FCA441	116.68	225	120.57	169
0.25 ng	FCA441	116.85	231	120.68	206
0.25 ng	FCA441	116.82	178	120.73	177
0.25 ng	FCA441	116.92	276	120.76	222
0.25 ng	FCA441	116.91	282	120.8	267
0.25 ng	FCA441	116.9	305	120.75	268
0.25 ng	FCA441	116.92	175	120.79	192
0.25 ng	FCA441	116.8	127	120.64	116
0.25 ng	FCA441	116.77	204	120.73	150
0.25 ng	FCA441	116.9	102	120.75	122
0.25 ng	FCA441	116.83	183	120.71	148
0.25 ng	FCA441	116.85	71	120.78	87
0.25 ng	FCA441	116.76	148	120.64	161
0.25 ng	FCA441	116.79	144	120.71	113
0.25 ng	FCA441	116.84	226	120.72	210
0.25 ng	FCA441	116.75	183	120.67	210
0.25 ng	FCA441	117.04	415	120.83	389
0.25 ng	FCA441	116.98	378	120.84	354
0.25 ng	FCA 731	345.14	275	368.9	420
0.25 ng	FCA 731	344.91	337	368.8	519
0.25 ng	FCA 731	345.05	425	368.89	559
0.25 ng	FCA 731	345.06	352	368.84	458
0.25 ng	FCA 731	345.13	715	368.93	789
0.25 ng	FCA 731	345.22	620	369.05	831
0.25 ng	FCA 731	345.14	602	369.01	863
0.25 ng	FCA 731	345.1	429	368.91	545
0.25 ng	FCA 731	345.02	225	368.8	217
0.25 ng	FCA 731	344.91	395	368.85	425
0.25 ng	FCA 731	345.1	268	368.92	242
0.25 ng	FCA 731	345.01	286	368.88	452
0.25 ng	FCA 731	344.92	133	368.86	205
0.25 ng	FCA 731	344.92	341	368.74	326
0.25 ng	FCA 731	345.03	312	368.84	287
0.25 ng	FCA 731	345.01	468	368.91	587
0.25 ng	FCA 731	345.02	516	368.84	610
0.25 ng	FCA 731	345.24	1151	368.98	1558
0.25 ng	FCA 731	345.23	695	368.99	1087
0.25 ng	SRY	96.88	1402	0	0
0.25 ng	SRY	96.84	1292	0	0

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.25 ng	SRY	96.87	1782	0	0
0.25 ng	SRY	96.89	1477	0	0
0.25 ng	SRY	96.86	1621	0	0
0.25 ng	SRY	96.96	1938	0	0
0.25 ng	SRY	96.91	2045	0	0
0.25 ng	SRY	96.98	1097	0	0
0.25 ng	SRY	96.93	846	0	0
0.25 ng	SRY	96.91	1200	0	0
0.25 ng	SRY	96.93	816	0	0
0.25 ng	SRY	96.91	1196	0	0
0.25 ng	SRY	96.86	577	0	0
0.25 ng	SRY	96.83	1155	0	0
0.25 ng	SRY	96.93	1023	0	0
0.25 ng	SRY	96.91	1847	0	0
0.25 ng	SRY	96.86	1535	0	0
0.25 ng	SRY	96.96	3639	0	0
0.25 ng	SRY	96.97	2960	0	0
0.5ng	FCA 723	271.5	676	283.45	819
0.5ng	FCA 723	271.45	1017	283.3	974
0.5ng	FCA 723	271.57	658	283.27	797
0.5ng	FCA 723	271.56	575	283.43	489
0.5ng	FCA 723	271.47	1203	283.26	1031
0.5ng	FCA 723	271.59	605	283.37	648
0.5ng	FCA 723	271.56	436	283.4	428
0.5ng	FCA 723	271.47	830	283.31	817
0.5ng	FCA 723	271.5	965	283.28	925
0.5ng	FCA 723	271.47	1773	283.35	1568
0.5ng	FCA 723	271.67	1810	283.6	2070
0.5ng	FCA 723	271.61	1577	283.42	1387
0.5ng	FCA 723	271.56	688	283.4	597
0.5ng	FCA 723	271.52	424	283.41	382
0.5ng	FCA 723	271.47	369	283.26	252
0.5ng	FCA 723	271.56	342	283.47	360
0.5ng	FCA 723	271.51	457	283.37	490
0.5ng	FCA 723	271.58	478	283.48	387
0.5ng	FCA 723	271.46	773	283.3	705
0.5ng	FCA 733	194.38	854	198.34	939
0.5ng	FCA 733	194.39	1286	198.26	1309
0.5ng	FCA 733	194.41	1140	198.33	960
0.5ng	FCA 733	194.39	537	198.27	714

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.5ng	FCA 733	194.36	2213	198.26	1875
0.5ng	FCA 733	194.39	1048	198.34	796
0.5ng	FCA 733	194.41	676	198.33	621
0.5ng	FCA 733	194.33	1313	198.19	1175
0.5ng	FCA 733	194.43	1159	198.33	1233
0.5ng	FCA 733	194.31	2354	198.26	1752
0.5ng	FCA 733	194.69	1238	198.6	1398
0.5ng	FCA 733	194.57	1273	198.45	1094
0.5ng	FCA 733	194.43	806	198.33	790
0.5ng	FCA 733	194.34	527	198.27	386
0.5ng	FCA 733	194.41	516	198.33	384
0.5ng	FCA 733	194.3	482	198.26	435
0.5ng	FCA 733	194.36	909	198.26	952
0.5ng	FCA 733	194.41	610	198.27	579
0.5ng	FCA 733	194.36	1072	198.26	811
0.5ng	FCA 742	145.83	410	150.26	482
0.5ng	FCA 742	145.84	794	150.34	808
0.5ng	FCA 742	145.83	568	150.26	683
0.5ng	FCA 742	145.83	369	150.25	355
0.5ng	FCA 742	145.74	1029	150.26	1029
0.5ng	FCA 742	145.78	566	150.34	551
0.5ng	FCA 742	145.72	331	150.25	313
0.5ng	FCA 742	145.87	928	150.34	887
0.5ng	FCA 742	145.74	756	150.26	580
0.5ng	FCA 742	145.84	743	150.34	887
0.5ng	FCA 742	146.04	462	150.5	483
0.5ng	FCA 742	145.93	516	150.42	528
0.5ng	FCA 742	145.74	303	150.26	284
0.5ng	FCA 742	146.61	145	150.42	148
0.5ng	FCA 742	145.71	211	150.34	189
0.5ng	FCA 742	146.55	217	150.93	207
0.5ng	FCA 742	145.77	472	150.17	444
0.5ng	FCA 742	145.78	255	150.34	265
0.5ng	FCA 742	145.74	682	150.26	695
0.5ng	FCA 749	344.57	286	360.36	205
0.5ng	FCA 749	344.5	476	360.25	372
0.5ng	FCA 749	344.47	296	360.22	242
0.5ng	FCA 749	344.5	189	360.35	141
0.5ng	FCA 749	344.56	463	360.3	489
0.5ng	FCA 749	344.59	279	360.32	242

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.5ng	FCA 749	344.49	185	360.31	176
0.5ng	FCA 749	344.51	356	360.34	322
0.5ng	FCA 749	344.48	403	360.3	362
0.5ng	FCA 749	344.42	615	360.18	537
0.5ng	FCA 749	344.63	799	360.33	652
0.5ng	FCA 749	344.53	554	360.29	470
0.5ng	FCA 749	344.58	287	360.28	223
0.5ng	FCA 749	344.66	141	360.46	109
0.5ng	FCA 749	344.74	158	360.54	122
0.5ng	FCA 749	344.65	126	360.41	105
0.5ng	FCA 749	344.57	246	360.37	217
0.5ng	FCA 749	344.66	155	360.46	143
0.5ng	FCA 749	344.65	317	360.35	271
0.5ng	FCA 740	312.35	462	320.69	429
0.5ng	FCA 740	312.32	708	320.52	686
0.5ng	FCA 740	312.37	589	320.54	569
0.5ng	FCA 740	312.41	358	320.52	340
0.5ng	FCA 740	312.37	886	320.55	783
0.5ng	FCA 740	312.33	479	320.62	462
0.5ng	FCA 740	312.32	350	320.46	277
0.5ng	FCA 740	312.3	713	320.57	576
0.5ng	FCA 740	312.35	505	320.6	566
0.5ng	FCA 740	312.3	729	320.57	624
0.5ng	FCA 740	312.65	628	320.77	623
0.5ng	FCA 740	312.59	530	320.71	433
0.5ng	FCA 740	312.41	388	320.56	313
0.5ng	FCA 740	312.34	189	320.55	243
0.5ng	FCA 740	312.31	222	320.5	217
0.5ng	FCA 740	312.27	212	320.59	254
0.5ng	FCA 740	312.26	553	320.6	487
0.5ng	FCA 740	312.36	329	320.51	325
0.5ng	FCA 740	312.28	602	320.55	499
0.5ng	FCA 736	164.12	260	180.12	214
0.5ng	FCA 736	164.01	279	180.12	228
0.5ng	FCA 736	164.06	234	180.14	247
0.5ng	FCA 736	164.02	134	180.03	144
0.5ng	FCA 736	164.05	436	180.07	276
0.5ng	FCA 736	164.01	228	180.04	209
0.5ng	FCA 736	164.12	170	180.15	149
0.5ng	FCA 736	164	279	180.01	250

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.5ng	FCA 736	164.06	357	180.1	237
0.5ng	FCA 736	164.01	433	180.12	376
0.5ng	FCA 736	164.29	440	180.32	388
0.5ng	FCA 736	164.11	310	180.23	335
0.5ng	FCA 736	163.98	172	180.11	172
0.5ng	FCA 736	164.09	112	180.12	114
0.5ng	FCA 736	163.98	138	180.06	109
0.5ng	FCA 736	164.03	144	180.06	107
0.5ng	FCA 736	163.97	152	180.07	157
0.5ng	FCA 736	164.02	154	180.15	139
0.5ng	FCA 736	164.05	285	180.07	216
0.5ng	F124	271.32	1401	275.29	1065
0.5ng	F124	271.28	1878	275.19	1750
0.5ng	F124	271.39	1378	275.19	1128
0.5ng	F124	271.39	817	275.31	722
0.5ng	F124	271.3	2082	275.19	2163
0.5ng	F124	271.42	1539	275.34	1205
0.5ng	F124	271.48	775	275.35	662
0.5ng	F124	271.3	1874	275.21	1378
0.5ng	F124	271.33	1673	275.21	1578
0.5ng	F124	271.3	3173	275.22	2642
0.5ng	F124	271.51	3405	275.38	2560
0.5ng	F124	271.53	2255	275.37	1796
0.5ng	F124	271.48	1143	275.35	864
0.5ng	F124	271.43	621	275.36	461
0.5ng	F124	271.38	584	275.18	499
0.5ng	F124	271.48	498	275.41	479
0.5ng	F124	271.34	985	275.22	981
0.5ng	F124	271.5	838	275.34	715
0.5ng	F124	271.37	1339	275.17	1113
0.5ng	F53	135.39	368	140.47	319
0.5ng	F53	135.41	674	140.47	695
0.5ng	F53	135.38	523	140.47	418
0.5ng	F53	135.4	256	140.56	217
0.5ng	F53	135.4	733	140.38	816
0.5ng	F53	135.42	450	140.46	425
0.5ng	F53	135.31	243	140.4	229
0.5ng	F53	135.5	589	140.54	637
0.5ng	F53	135.39	579	140.38	654
0.5ng	F53	135.41	1078	140.47	922

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.5ng	F53	135.38	678	140.46	799
0.5ng	F53	135.47	814	140.52	731
0.5ng	F53	136.11	331	141.07	253
0.5ng	F53	136.04	212	141.16	187
0.5ng	F53	136.17	165	140.48	195
0.5ng	F53	136.12	166	141.23	159
0.5ng	F53	135.48	331	140.45	329
0.5ng	F53	136.06	233	141.14	242
0.5ng	F53	135.47	507	140.47	471
0.5ng	F85	246.84	929	269	566
0.5ng	F85	246.88	1215	268.99	1269
0.5ng	F85	246.87	1316	268.98	875
0.5ng	F85	246.85	654	268.93	538
0.5ng	F85	246.79	1490	268.98	1358
0.5ng	F85	246.84	955	268.96	713
0.5ng	F85	246.93	673	268.98	488
0.5ng	F85	246.84	1175	268.93	861
0.5ng	F85	246.91	1062	269	1027
0.5ng	F85	246.85	1386	269.01	986
0.5ng	F85	247.14	875	269.23	715
0.5ng	F85	247.05	1138	269.2	884
0.5ng	F85	246.85	641	269.07	486
0.5ng	F85	246.8	440	268.97	339
0.5ng	F85	246.77	491	268.88	371
0.5ng	F85	246.79	500	268.92	314
0.5ng	F85	246.85	994	268.93	685
0.5ng	F85	246.84	567	268.94	359
0.5ng	F85	246.76	1179	268.88	975
0.5ng	FCA441	116.92	424	120.79	290
0.5ng	FCA441	116.79	426	120.65	405
0.5ng	FCA441	116.83	417	120.73	387
0.5ng	FCA441	116.75	234	120.69	260
0.5ng	FCA441	116.88	597	120.75	534
0.5ng	FCA441	116.86	387	120.63	273
0.5ng	FCA441	116.85	251	120.64	270
0.5ng	FCA441	116.82	411	120.75	413
0.5ng	FCA441	116.76	519	120.63	369
0.5ng	FCA441	116.79	833	120.65	692
0.5ng	FCA441	117.01	571	120.89	524
0.5ng	FCA441	117	518	120.88	474



DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.5ng	FCA441	116.85	312	120.8	249
0.5ng	FCA441	116.72	198	120.72	171
0.5ng	FCA441	116.8	237	120.7	204
0.5ng	FCA441	116.83	184	120.77	167
0.5ng	FCA441	116.98	272	120.79	256
0.5ng	FCA441	116.79	229	120.71	214
0.5ng	FCA441	116.8	406	120.76	421
0.5ng	FCA 731	345.12	737	368.93	855
0.5ng	FCA 731	345.03	998	368.81	1289
0.5ng	FCA 731	345.01	853	368.81	957
0.5ng	FCA 731	344.94	437	368.84	454
0.5ng	FCA 731	345.11	1183	368.89	1644
0.5ng	FCA 731	345.12	567	368.88	862
0.5ng	FCA 731	345.03	587	368.9	505
0.5ng	FCA 731	344.95	697	368.82	899
0.5ng	FCA 731	345.02	886	368.87	1157
0.5ng	FCA 731	344.95	1560	368.84	1843
0.5ng	FCA 731	345.25	1286	369	1905
0.5ng	FCA 731	345.22	1175	369.02	1409
0.5ng	FCA 731	345.03	539	368.84	842
0.5ng	FCA 731	345.02	347	368.88	455
0.5ng	FCA 731	345.19	297	368.85	398
0.5ng	FCA 731	345.01	317	368.87	377
0.5ng	FCA 731	345.02	620	368.85	656
0.5ng	FCA 731	345.01	419	368.89	445
0.5ng	FCA 731	345.02	637	368.81	844
0.5ng	SRY	96.91	2485	0	0
0.5ng	SRY	96.85	3425	0	0
0.5ng	SRY	96.83	2804	0	0
0.5ng	SRY	96.85	1358	0	0
0.5ng	SRY	96.91	3373	0	0
0.5ng	SRY	96.93	2600	0	0
0.5ng	SRY	96.91	1607	0	0
0.5ng	SRY	96.85	2801	0	0
0.5ng	SRY	96.84	3483	0	0
0.5ng	SRY	96.85	4511	0	0
0.5ng	SRY	96.95	3759	0	0
0.5ng	SRY	96.9	3267	0	0
0.5ng	SRY	96.9	1536	0	0
0.5ng	SRY	96.93	1077	0	0

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
0.5ng	SRY	96.9	1078	0	0
0.5ng	SRY	96.84	1021	0	0
0.5ng	SRY	96.91	1687	0	0
0.5ng	SRY	96.93	1358	0	0
0.5ng	SRY	96.91	2670	0	0
1.0 ng	FCA 723	271.6	502	283.45	531
1.0 ng	FCA 723	271.59	1160	283.37	1042
1.0 ng	FCA 723	271.6	1261	283.4	1254
1.0 ng	FCA 723	271.48	6046	283.47	3971
1.0 ng	FCA 723	271.76	1303	283.54	1338
1.0 ng	FCA 723	271.53	1315	283.33	1181
1.0 ng	FCA 723	271.55	1144	283.29	1092
1.0 ng	FCA 723	271.45	1036	283.36	1007
1.0 ng	FCA 723	271.55	713	283.42	774
1.0 ng	FCA 723	271.47	983	283.29	1068
1.0 ng	FCA 723	271.6	914	283.36	976
1.0 ng	FCA 723	271.67	561	283.39	574
1.0 ng	FCA 723	271.46	1367	283.38	1236
1.0 ng	FCA 723	271.47	1148	283.29	1172
1.0 ng	FCA 723	271.46	2469	283.33	2338
1.0 ng	FCA 723	271.81	2179	283.57	2517
1.0 ng	FCA 723	271.53	4083	283.49	3253
1.0 ng	FCA 723	271.51	1719	283.31	2063
1.0 ng	FCA 723	271.64	970	283.44	1037
1.0 ng	FCA 733	194.38	831	198.26	801
1.0 ng	FCA 733	194.43	2076	198.33	1983
1.0 ng	FCA 733	194.47	2046	198.34	1723
1.0 ng	FCA 733	194.54	3512	198.39	2865
1.0 ng	FCA 733	194.56	1451	198.43	1394
1.0 ng	FCA 733	194.41	2069	198.27	1693
1.0 ng	FCA 733	194.38	1450	198.24	1393
1.0 ng	FCA 733	194.3	2267	198.18	2172
1.0 ng	FCA 733	194.37	1411	198.31	1314
1.0 ng	FCA 733	194.39	1940	198.26	1744
1.0 ng	FCA 733	194.4	1957	198.32	1743
1.0 ng	FCA 733	194.39	1017	198.26	1016
1.0 ng	FCA 733	194.32	2420	198.24	2295
1.0 ng	FCA 733	194.39	2090	198.26	1961
1.0 ng	FCA 733	194.4	3721	198.24	3990
1.0 ng	FCA 733	194.62	2110	198.54	2239

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
1.0 ng	FCA 733	194.62	3006	198.46	2647
1.0 ng	FCA 733	194.41	3159	198.27	2764
1.0 ng	FCA 733	194.42	1660	198.27	1525
1.0 ng	FCA 742	145.84	290	150.34	302
1.0 ng	FCA 742	145.83	622	150.26	584
1.0 ng	FCA 742	145.92	317	150.34	359
1.0 ng	FCA 742	145.98	1370	150.5	1424
1.0 ng	FCA 742	146.01	307	150.42	342
1.0 ng	FCA 742	145.87	1044	150.34	960
1.0 ng	FCA 742	145.86	866	150.34	772
1.0 ng	FCA 742	145.84	1142	150.34	1144
1.0 ng	FCA 742	145.77	735	150.26	734
1.0 ng	FCA 742	145.87	1100	150.34	964
1.0 ng	FCA 742	145.8	867	150.34	869
1.0 ng	FCA 742	145.84	354	150.34	421
1.0 ng	FCA 742	145.8	1312	150.26	1386
1.0 ng	FCA 742	145.84	746	150.34	735
1.0 ng	FCA 742	145.8	1100	150.34	1260
1.0 ng	FCA 742	145.92	582	150.42	584
1.0 ng	FCA 742	145.96	1347	150.49	1239
1.0 ng	FCA 742	145.78	1636	150.34	1621
1.0 ng	FCA 742	145.87	608	150.34	545
1.0 ng	FCA 749	344.57	206	360.37	208
1.0 ng	FCA 749	344.48	409	360.39	368
1.0 ng	FCA 749	344.48	503	360.29	452
1.0 ng	FCA 749	344.51	1659	360.25	1488
1.0 ng	FCA 749	344.6	570	360.33	605
1.0 ng	FCA 749	344.47	553	360.31	495
1.0 ng	FCA 749	344.55	470	360.33	368
1.0 ng	FCA 749	344.54	551	360.34	424
1.0 ng	FCA 749	344.55	328	360.32	290
1.0 ng	FCA 749	344.54	434	360.18	379
1.0 ng	FCA 749	344.54	438	360.26	356
1.0 ng	FCA 749	344.65	268	360.33	251
1.0 ng	FCA 749	344.55	593	360.33	514
1.0 ng	FCA 749	344.55	524	360.32	438
1.0 ng	FCA 749	344.55	1239	360.24	1074
1.0 ng	FCA 749	344.55	1095	360.26	957
1.0 ng	FCA 749	344.59	1384	360.26	1355
1.0 ng	FCA 749	344.55	975	360.23	842

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
1.0 ng	FCA 749	344.62	488	360.37	394
1.0 ng	FCA 740	312.34	358	320.46	305
1.0 ng	FCA 740	312.26	533	320.6	499
1.0 ng	FCA 740	312.36	336	320.59	339
1.0 ng	FCA 740	312.6	1497	320.73	1349
1.0 ng	FCA 740	312.56	438	320.66	377
1.0 ng	FCA 740	312.35	861	320.58	697
1.0 ng	FCA 740	312.31	625	320.5	664
1.0 ng	FCA 740	312.25	973	320.52	879
1.0 ng	FCA 740	312.34	670	320.55	590
1.0 ng	FCA 740	312.31	808	320.56	803
1.0 ng	FCA 740	312.33	639	320.54	567
1.0 ng	FCA 740	312.35	426	320.58	318
1.0 ng	FCA 740	312.31	893	320.5	904
1.0 ng	FCA 740	312.31	538	320.57	589
1.0 ng	FCA 740	312.33	975	320.55	1105
1.0 ng	FCA 740	312.6	723	320.76	689
1.0 ng	FCA 740	312.55	1288	320.76	1310
1.0 ng	FCA 740	312.29	1394	320.53	958
1.0 ng	FCA 740	312.35	597	320.59	506
1.0 ng	FCA 736	163.93	230	180.08	209
1.0 ng	FCA 736	164.14	400	180.1	314
1.0 ng	FCA 736	164.1	406	180.11	375
1.0 ng	FCA 736	164.25	852	180.29	867
1.0 ng	FCA 736	164.16	403	180.17	363
1.0 ng	FCA 736	164	380	180.09	369
1.0 ng	FCA 736	163.99	408	180.04	371
1.0 ng	FCA 736	164.01	426	179.99	405
1.0 ng	FCA 736	164.01	338	180.06	353
1.0 ng	FCA 736	164.01	393	180.12	389
1.0 ng	FCA 736	164	344	180.15	318
1.0 ng	FCA 736	164.01	244	180.04	240
1.0 ng	FCA 736	164.08	466	180.16	391
1.0 ng	FCA 736	164.01	421	180.04	369
1.0 ng	FCA 736	164.08	856	180.15	786
1.0 ng	FCA 736	164.26	687	180.29	723
1.0 ng	FCA 736	164.24	869	180.23	883
1.0 ng	FCA 736	164.02	662	180.07	611
1.0 ng	FCA 736	164	375	180.06	343
1.0 ng	F124	271.43	978	275.34	767

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
1.0 ng	F124	271.33	2146	275.21	1868
1.0 ng	F124	271.43	2418	275.27	1655
1.0 ng	F124	271.23	5412	275.32	6495
1.0 ng	F124	271.51	2823	275.42	2202
1.0 ng	F124	271.36	2389	275.28	2136
1.0 ng	F124	271.37	1897	275.28	1647
1.0 ng	F124	271.28	2176	275.21	1724
1.0 ng	F124	271.47	1639	275.38	1266
1.0 ng	F124	271.3	1946	275.14	1521
1.0 ng	F124	271.42	1732	275.33	1570
1.0 ng	F124	271.5	1204	275.34	1048
1.0 ng	F124	271.37	2792	275.28	2320
1.0 ng	F124	271.3	2462	275.14	1897
1.0 ng	F124	271.29	5283	275.2	4484
1.0 ng	F124	271.56	4646	275.38	3606
1.0 ng	F124	271.28	6062	275.34	5172
1.0 ng	F124	271.34	4300	275.26	3130
1.0 ng	F124	271.47	1933	275.36	1618
1.0 ng	F53	136.04	333	141.16	305
1.0 ng	F53	135.47	710	140.47	659
1.0 ng	F53	135.41	547	140.47	599
1.0 ng	F53	135.4	2261	140.45	1968
1.0 ng	F53	136.13	652	141.25	596
1.0 ng	F53	135.43	917	140.46	827
1.0 ng	F53	135.43	759	140.49	835
1.0 ng	F53	135.41	1055	140.47	750
1.0 ng	F53	135.43	487	140.49	472
1.0 ng	F53	135.42	710	140.54	693
1.0 ng	F53	135.44	768	140.48	604
1.0 ng	F53	135.33	406	140.47	421
1.0 ng	F53	135.44	1212	140.48	1044
1.0 ng	F53	135.42	928	140.47	915
1.0 ng	F53	135.53	1873	140.56	1631
1.0 ng	F53	135.42	1225	140.43	1140
1.0 ng	F53	135.51	1713	140.51	1474
1.0 ng	F53	135.42	1576	140.46	1378
1.0 ng	F53	135.42	637	140.46	598
1.0 ng	F85	246.84	512	268.96	418
1.0 ng	F85	246.83	738	269	602
1.0 ng	F85	246.86	535	268.96	331

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
1.0 ng	F85	247.06	1905	269.22	1270
1.0 ng	F85	247	673	269.21	481
1.0 ng	F85	246.92	1242	268.98	937
1.0 ng	F85	246.75	1160	268.95	853
1.0 ng	F85	246.77	1316	268.89	1013
1.0 ng	F85	246.85	1268	268.95	753
1.0 ng	F85	246.81	1338	269	1011
1.0 ng	F85	246.86	974	268.91	738
1.0 ng	F85	246.93	670	269.03	468
1.0 ng	F85	246.84	1443	268.87	1041
1.0 ng	F85	246.81	1085	268.92	715
1.0 ng	F85	246.86	1615	268.95	1276
1.0 ng	F85	247.17	829	269.23	657
1.0 ng	F85	247.08	1636	269.22	1291
1.0 ng	F85	246.87	1890	268.96	1545
1.0 ng	F85	246.9	881	269.02	733
1.0 ng	FCA441	116.79	342	120.65	377
1.0 ng	FCA441	116.81	652	120.77	588
1.0 ng	FCA441	116.79	675	120.72	673
1.0 ng	FCA441	116.86	1369	120.78	1197
1.0 ng	FCA441	116.95	586	120.79	546
1.0 ng	FCA441	116.82	661	120.73	588
1.0 ng	FCA441	116.71	651	120.62	555
1.0 ng	FCA441	116.82	634	120.67	642
1.0 ng	FCA441	116.76	591	120.67	597
1.0 ng	FCA441	116.85	583	120.7	566
1.0 ng	FCA441	116.82	671	120.73	502
1.0 ng	FCA441	116.74	443	120.59	374
1.0 ng	FCA441	116.74	841	120.65	723
1.0 ng	FCA441	116.79	709	120.7	633
1.0 ng	FCA441	116.83	1313	120.73	1270
1.0 ng	FCA441	116.93	1017	120.85	815
1.0 ng	FCA441	117.04	1247	120.96	1071
1.0 ng	FCA441	116.86	1177	120.71	1041
1.0 ng	FCA441	116.81	700	120.65	593
1.0 ng	FCA 731	345.02	518	368.8	515
1.0 ng	FCA 731	345.02	993	368.88	1011
1.0 ng	FCA 731	345.01	1118	368.88	1295
1.0 ng	FCA 731	345.21	3164	369.02	3369
1.0 ng	FCA 731	345.22	1064	368.99	1368

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
1.0 ng	FCA 731	345.01	1139	368.84	1285
1.0 ng	FCA 731	345.01	838	368.84	1072
1.0 ng	FCA 731	345.07	985	368.81	1103
1.0 ng	FCA 731	345	702	368.83	833
1.0 ng	FCA 731	344.99	903	368.84	1043
1.0 ng	FCA 731	344.91	942	368.88	962
1.0 ng	FCA 731	344.92	594	368.79	625
1.0 ng	FCA 731	345.01	1213	368.84	1217
1.0 ng	FCA 731	345.08	1162	368.86	1167
1.0 ng	FCA 731	345	2320	368.84	2714
1.0 ng	FCA 731	345.16	1663	368.97	1790
1.0 ng	FCA 731	345.19	2288	368.97	3007
1.0 ng	FCA 731	345.09	1714	368.86	1955
1.0 ng	FCA 731	345.06	962	368.89	987
1.0 ng	SRY	96.93	1910	0	0
1.0 ng	SRY	96.9	2982	0	0
1.0 ng	SRY	96.93	3899	0	0
1.0 ng	SRY	96.84	7905	0	0
1.0 ng	SRY	96.93	3870	0	0
1.0 ng	SRY	96.94	3830	0	0
1.0 ng	SRY	96.89	3920	0	0
1.0 ng	SRY	96.93	3432	0	0
1.0 ng	SRY	96.88	3139	0	0
1.0 ng	SRY	96.86	3461	0	0
1.0 ng	SRY	96.89	2715	0	0
1.0 ng	SRY	96.87	2291	0	0
1.0 ng	SRY	96.89	4687	0	0
1.0 ng	SRY	96.86	3758	0	0
1.0 ng	SRY	96.96	7852	0	0
1.0 ng	SRY	96.99	6737	0	0
1.0 ng	SRY	96.98	7900	0	0
1.0 ng	SRY	96.93	6377	0	0
1.0 ng	SRY	96.87	3009	0	0
2.0 ng	FCA 723	271.5	1517	283.35	1434
2.0 ng	FCA 723	271.63	978	283.47	1034
2.0 ng	FCA 723	271.55	1640	283.37	1618
2.0 ng	FCA 723	271.56	1544	283.4	1493
2.0 ng	FCA 723	271.4	2416	283.3	2268
2.0 ng	FCA 723	271.78	1403	283.51	1460
2.0 ng	FCA 723	271.4	4564	283.3	3445

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
2.0 ng	FCA 723	271.5	6611	283.41	4781
2.0 ng	FCA 723	271.62	6657	283.47	5379
2.0 ng	FCA 723	271.73	2392	283.48	2956
2.0 ng	FCA 723	271.62	2307	283.43	2479
2.0 ng	FCA 723	272.06	6604	283.72	4932
2.0 ng	FCA 723	272.04	4308	283.73	3219
2.0 ng	FCA 723	271.57	2349	283.42	2350
2.0 ng	FCA 723	271.37	5706	283.29	4265
2.0 ng	FCA 723	271.34	4059	283.26	3337
2.0 ng	FCA 723	271.33	6240	283.24	4079
2.0 ng	FCA 723	272.13	4970	283.76	3678
2.0 ng	FCA 723	272	6549	283.67	4856
2.0 ng	FCA 733	194.38	3353	198.26	3455
2.0 ng	FCA 733	194.41	3127	198.27	2899
2.0 ng	FCA 733	194.41	3591	198.27	3526
2.0 ng	FCA 733	194.42	3037	198.27	2821
2.0 ng	FCA 733	194.33	6236	198.27	5639
2.0 ng	FCA 733	194.5	2652	198.43	2528
2.0 ng	FCA 733	194.41	7159	198.27	6435
2.0 ng	FCA 733	194.42	4758	198.35	4113
2.0 ng	FCA 733	194.69	6219	198.54	5385
2.0 ng	FCA 733	194.74	3432	198.57	3102
2.0 ng	FCA 733	194.52	3895	198.44	3463
2.0 ng	FCA 733	194.8	7223	198.94	7154
2.0 ng	FCA 733	195.29	7295	199.12	7396
2.0 ng	FCA 733	194.51	5663	198.38	5253
2.0 ng	FCA 733	194.66	7262	198.12	7331
2.0 ng	FCA 733	194.45	7234	198.38	6971
2.0 ng	FCA 733	194.2	7342	198.51	7260
2.0 ng	FCA 733	195.16	7266	199.31	7256
2.0 ng	FCA 733	194.9	7312	198.96	7387
2.0 ng	FCA 742	145.75	1734	150.34	1677
2.0 ng	FCA 742	145.78	1098	150.25	1029
2.0 ng	FCA 742	145.86	1701	150.34	1622
2.0 ng	FCA 742	146.64	732	151	702
2.0 ng	FCA 742	145.78	2545	150.34	2193
2.0 ng	FCA 742	146.47	542	150.93	565
2.0 ng	FCA 742	145.86	2112	150.34	2230
2.0 ng	FCA 742	145.87	721	150.34	720
2.0 ng	FCA 742	146.01	2360	150.5	2235



DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
2.0 ng	FCA 742	145.99	866	150.49	887
2.0 ng	FCA 742	145.89	1202	150.34	1094
2.0 ng	FCA 742	145.85	3702	150.41	3330
2.0 ng	FCA 742	145.8	2850	150.34	2771
2.0 ng	FCA 742	145.84	1768	150.42	1662
2.0 ng	FCA 742	145.96	4083	150.42	3790
2.0 ng	FCA 742	145.85	2503	150.41	2403
2.0 ng	FCA 742	145.87	2862	150.34	2566
2.0 ng	FCA 742	145.84	2384	150.41	2240
2.0 ng	FCA 742	145.89	2841	150.33	2700
2.0 ng	FCA 749	344.53	758	360.44	690
2.0 ng	FCA 749	344.69	521	360.41	488
2.0 ng	FCA 749	344.55	836	360.33	744
2.0 ng	FCA 749	344.6	699	360.4	633
2.0 ng	FCA 749	344.46	1264	360.27	1153
2.0 ng	FCA 749	344.61	731	360.39	577
2.0 ng	FCA 749	344.47	1737	360.23	1459
2.0 ng	FCA 749	344.62	2243	360.37	1795
2.0 ng	FCA 749	344.54	2379	360.28	2298
2.0 ng	FCA 749	344.64	1473	360.32	1178
2.0 ng	FCA 749	344.5	1245	360.24	1061
2.0 ng	FCA 749	344.48	2885	360.3	2255
2.0 ng	FCA 749	344.57	1723	360.29	1519
2.0 ng	FCA 749	344.55	1364	360.31	1268
2.0 ng	FCA 749	344.59	2228	360.25	1866
2.0 ng	FCA 749	344.55	1794	360.3	1765
2.0 ng	FCA 749	344.5	1926	360.33	1770
2.0 ng	FCA 749	344.48	2041	360.21	1954
2.0 ng	FCA 749	344.51	2549	360.31	1961
2.0 ng	FCA 740	312.33	1235	320.52	1202
2.0 ng	FCA 740	312.39	748	320.58	746
2.0 ng	FCA 740	312.38	1554	320.53	1160
2.0 ng	FCA 740	312.39	766	320.49	666
2.0 ng	FCA 740	312.28	1562	320.52	1394
2.0 ng	FCA 740	312.45	684	320.71	592
2.0 ng	FCA 740	312.38	1637	320.53	1433
2.0 ng	FCA 740	312.44	1217	320.6	1164
2.0 ng	FCA 740	312.62	2207	320.8	2153
2.0 ng	FCA 740	312.66	932	320.83	950
2.0 ng	FCA 740	312.38	1246	320.65	1234

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
2.0 ng	FCA 740	312.42	2505	320.65	2382
2.0 ng	FCA 740	312.36	2006	320.59	1646
2.0 ng	FCA 740	312.38	1503	320.64	1379
2.0 ng	FCA 740	312.41	2525	320.61	2436
2.0 ng	FCA 740	312.38	1716	320.65	1550
2.0 ng	FCA 740	312.4	1991	320.6	1928
2.0 ng	FCA 740	312.42	1815	320.57	1670
2.0 ng	FCA 740	312.39	2266	320.66	2027
2.0 ng	FCA 736	164.03	946	180.06	885
2.0 ng	FCA 736	164.02	558	180.16	459
2.0 ng	FCA 736	164.1	1096	180.15	1018
2.0 ng	FCA 736	164.08	552	180.06	513
2.0 ng	FCA 736	164.02	1147	180.07	1037
2.0 ng	FCA 736	164.1	631	180.21	542
2.0 ng	FCA 736	164.1	1511	180.15	1235
2.0 ng	FCA 736	164.08	905	180.14	856
2.0 ng	FCA 736	164.24	2378	180.3	2117
2.0 ng	FCA 736	164.31	1214	180.37	1084
2.0 ng	FCA 736	164.07	1002	180.18	996
2.0 ng	FCA 736	164.11	2002	180.41	1903
2.0 ng	FCA 736	164.11	1606	180.44	1448
2.0 ng	FCA 736	164.11	1350	180.2	1088
2.0 ng	FCA 736	164.06	1945	180.07	1691
2.0 ng	FCA 736	164.09	1939	180.18	1617
2.0 ng	FCA 736	164.07	2041	180.18	1688
2.0 ng	FCA 736	164.2	1719	180.49	1502
2.0 ng	FCA 736	164.09	2106	180.35	2026
2.0 ng	F124	271.33	3572	275.27	2665
2.0 ng	F124	271.46	2021	275.37	1720
2.0 ng	F124	271.46	3365	275.22	2909
2.0 ng	F124	271.48	3326	275.3	2730
2.0 ng	F124	271.31	5258	275.16	4353
2.0 ng	F124	271.53	2827	275.43	2325
2.0 ng	F124	271.14	5994	275.24	5718
2.0 ng	F124	271.08	5867	275.24	7415
2.0 ng	F124	271.03	5940	275.53	7793
2.0 ng	F124	271.56	5682	275.44	4963
2.0 ng	F124	271.37	5399	275.26	4574
2.0 ng	F124	271.57	5786	275.72	7715
2.0 ng	F124	271.79	6130	275.79	5264

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
2.0 ng	F124	271.41	5154	275.23	4709
2.0 ng	F124	271.03	6274	275.19	7462
2.0 ng	F124	271.09	6139	275.25	6318
2.0 ng	F124	270.99	6160	275.23	7664
2.0 ng	F124	271.8	6093	275.87	6337
2.0 ng	F124	271.58	5790	275.83	7800
2.0 ng	F53	135.41	1490	140.47	1216
2.0 ng	F53	135.41	810	140.46	750
2.0 ng	F53	135.42	1527	140.46	1397
2.0 ng	F53	136.14	1048	141.14	888
2.0 ng	F53	135.5	2592	140.46	2118
2.0 ng	F53	136.05	889	141.14	827
2.0 ng	F53	135.42	3059	140.46	2658
2.0 ng	F53	135.43	1530	140.46	1411
2.0 ng	F53	135.41	3503	140.44	3287
2.0 ng	F53	135.41	1644	140.41	1574
2.0 ng	F53	135.45	1333	140.53	1249
2.0 ng	F53	135.41	4572	140.44	3986
2.0 ng	F53	135.44	3352	140.44	3010
2.0 ng	F53	135.4	1927	140.43	1869
2.0 ng	F53	135.43	3515	140.46	3331
2.0 ng	F53	135.41	3080	140.44	3006
2.0 ng	F53	135.36	3583	140.46	3326
2.0 ng	F53	135.4	3240	140.43	3248
2.0 ng	F53	135.44	4261	140.53	3708
2.0 ng	F85	246.79	1686	268.94	1237
2.0 ng	F85	246.9	835	269	676
2.0 ng	F85	246.87	1572	268.99	1263
2.0 ng	F85	246.87	705	268.94	563
2.0 ng	F85	246.75	1614	268.93	1226
2.0 ng	F85	247.03	671	269.08	490
2.0 ng	F85	246.83	1521	268.93	1217
2.0 ng	F85	246.9	1672	269.05	1269
2.0 ng	F85	247.14	1702	269.37	1287
2.0 ng	F85	247.21	809	269.39	570
2.0 ng	F85	246.98	1262	269.08	920
2.0 ng	F85	247.9	2651	269.78	2098
2.0 ng	F85	247.88	2028	269.79	1587
2.0 ng	F85	246.94	1507	269.08	1067
2.0 ng	F85	246.92	2928	269.08	2064

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
2.0 ng	F85	246.91	1662	269.11	1382
2.0 ng	F85	246.92	2024	269.05	1246
2.0 ng	F85	247.99	1589	269.85	1283
2.0 ng	F85	247.89	1705	269.75	1368
2.0 ng	FCA441	116.8	1541	120.65	1337
2.0 ng	FCA441	116.81	1105	120.67	901
2.0 ng	FCA441	116.86	1513	120.78	1522
2.0 ng	FCA441	116.82	1013	120.73	745
2.0 ng	FCA441	116.82	2123	120.75	1710
2.0 ng	FCA441	116.71	941	120.64	817
2.0 ng	FCA441	116.86	2280	120.71	1894
2.0 ng	FCA441	116.86	1689	120.77	1534
2.0 ng	FCA441	117	2749	120.91	2390
2.0 ng	FCA441	117.04	1651	120.88	1280
2.0 ng	FCA441	116.99	1579	120.82	1301
2.0 ng	FCA441	116.9	3406	120.75	2941
2.0 ng	FCA441	116.92	2977	120.84	2281
2.0 ng	FCA441	116.81	2084	120.75	1768
2.0 ng	FCA441	116.88	3007	120.78	2622
2.0 ng	FCA441	116.89	2984	120.74	2452
2.0 ng	FCA441	116.81	3064	120.79	2622
2.0 ng	FCA441	116.85	2899	120.78	2509
2.0 ng	FCA441	116.91	3150	120.81	2629
2.0 ng	FCA 731	345.07	1020	368.83	1271
2.0 ng	FCA 731	345.04	843	368.87	844
2.0 ng	FCA 731	345	1247	368.8	1322
2.0 ng	FCA 731	345.04	993	368.85	1050
2.0 ng	FCA 731	345	1628	368.84	2066
2.0 ng	FCA 731	345.14	991	369.02	1094
2.0 ng	FCA 731	345	2161	368.85	2489
2.0 ng	FCA 731	345.06	2751	368.81	2683
2.0 ng	FCA 731	345.24	2769	369.01	2840
2.0 ng	FCA 731	345.31	1327	369.04	1516
2.0 ng	FCA 731	345.12	1462	368.89	1485
2.0 ng	FCA 731	345.08	2999	368.96	3693
2.0 ng	FCA 731	345.1	2320	368.88	2394
2.0 ng	FCA 731	345.16	1479	368.9	1879
2.0 ng	FCA 731	345.12	2619	368.9	2978
2.0 ng	FCA 731	345.16	2127	368.88	2307
2.0 ng	FCA 731	345.12	2540	368.9	2550

DNA Concentration	STR	Allele 1 (bp)	Peak 1 Height	Allele 2 (bp)	Peak 2 Height
2.0 ng	FCA 731	345.09	2266	368.86	2432
2.0 ng	FCA 731	345.13	2817	368.86	2926
2.0 ng	SRY	96.92	6747	0	0
2.0 ng	SRY	96.86	3188	0	0
2.0 ng	SRY	96.93	7380	0	0
2.0 ng	SRY	96.86	3802	0	0
2.0 ng	SRY	96.85	7896	0	0
2.0 ng	SRY	96.77	2752	0	0
2.0 ng	SRY	97.08	7597	0	0
2.0 ng	SRY	96.86	7985	0	0
2.0 ng	SRY	97.28	7568	0	0
2.0 ng	SRY	97.03	8025	0	0
2.0 ng	SRY	96.95	7927	0	0
2.0 ng	SRY	97.2	7651	0	0
2.0 ng	SRY	96.71	7794	0	0
2.0 ng	SRY	96.83	7914	0	0
2.0 ng	SRY	96.65	7827	0	0
2.0 ng	SRY	96.69	7867	0	0
2.0 ng	SRY	96.65	7792	0	0
2.0 ng	SRY	97.13	7771	0	0
2.0 ng	SRY	97.25	7591	0	0
no DNA control	FCA 723	0	0	0	0
no DNA control	FCA 733	0	0	0	0
no DNA control	FCA 742	0	0	0	0
no DNA control	FCA 749	0	0	0	0
no DNA control	FCA 740	0	0	0	0
no DNA control	FCA 736	0	0	0	0
no DNA control	F124	0	0	0	0
no DNA control	F53	0	0	0	0
no DNA control	F85	0	0	0	0
no DNA control	FCA441	0	0	0	0
no DNA control	FCA 731	0	0	0	0
no DNA control	SRY	0	0	0	0