

Sample Name	Marker	Allele 1	Allele 2	Size 1	Size 2
SRA_01_04_5_5_2010	AMEL	X	Y	104.1	109.78
SRA_01_04_22_6_2010	AMEL	X	Y	103.99	109.77
SRA_01_04_3_7_2013	AMEL	X	Y	103.95	109.68
Caco2_8_2_2014	AMEL	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	AMEL	X	X	103.98	103.98
NTM_16_4_2014	AMEL	X	Y	103.84	109.67
GTM_p18_28_9_2012	AMEL	X	X	103.96	103.96
SRA_01_04_5_5_2010	CSF1PO	11	13	337.4	345.58
SRA_01_04_22_6_2010	CSF1PO	9	11	329.4	337.56
SRA_01_04_3_7_2013	CSF1PO	9	11	329.4	337.4
Caco2_8_2_2014	CSF1PO	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	CSF1PO	12	12	341.6	341.6
NTM_16_4_2014	CSF1PO	11	12	337.56	341.54
GTM_p18_28_9_2012	CSF1PO	10	13	333.47	345.57
SRA_01_04_5_5_2010	D13S317	10	10	183.61	183.61
SRA_01_04_22_6_2010	D13S317	10	10	183.64	183.64
SRA_01_04_3_7_2013	D13S317	10	10	183.64	183.64
Caco2_8_2_2014	D13S317	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D13S317	12	14	191.75	199.84
NTM_16_4_2014	D13S317	11	12	187.62	191.59
GTM_p18_28_9_2012	D13S317	11	12	187.73	191.66
SRA_01_04_5_5_2010	D16S539	10	10	282.82	282.82
SRA_01_04_22_6_2010	D16S539	10	10	282.6	282.6
SRA_01_04_3_7_2013	D16S539	10	10	282.66	282.66
Caco2_8_2_2014	D16S539	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D16S539	9	13	278.72	294.69
NTM_16_4_2014	D16S539	12	13	290.66	294.69
GTM_p18_28_9_2012	D16S539	11	14	286.72	298.72
SRA_01_04_5_5_2010	D18S51	13	18	302.23	321.13
SRA_01_04_22_6_2010	D18S51	13	18	302.41	321.28
SRA_01_04_3_7_2013	D18S51	13	18	302.57	321.59
Caco2_8_2_2014	D18S51	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D18S51	17	17	317.99	317.99
NTM_16_4_2014	D18S51	14	15	306.5	310.25
GTM_p18_28_9_2012	D18S51	13	16	302.73	314.16
SRA_01_04_5_5_2010	D21S11	27	28	210.95	214.87
SRA_01_04_22_6_2010	D21S11	27	28	210.97	215.05
SRA_01_04_3_7_2013	D21S11	27	28	211.29	215.22
Caco2_8_2_2014	D21S11	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D21S11	28	30.2	215.3	225.33
NTM_16_4_2014	D21S11	28	29	215.23	219.2
GTM_p18_28_9_2012	D21S11	29	30	219.11	223.2
SRA_01_04_5_5_2010	D3S1358	14	15	119.65	123.83
SRA_01_04_22_6_2010	D3S1358	14	15	119.82	123.97
SRA_01_04_3_7_2013	D3S1358	14	15	119.82	123.83
Caco2_8_2_2014	D3S1358	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D3S1358	15	17	124.04	132.24
NTM_16_4_2014	D3S1358	14	18	119.64	136.39
GTM_p18_28_9_2012	D3S1358	14	15	119.82	124.01
SRA_01_04_5_5_2010	D5S818	11	12	130.4	134.53
SRA_01_04_22_6_2010	D5S818	9	11	122.08	130.32
SRA_01_04_3_7_2013	D5S818	11	12	130.41	134.53

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Caco2_8_2_2014	D5S818	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D5S818	8	8	117.67	117.67
NTM_16_4_2014	D5S818	11	12	130.34	134.5
GTM_p18_28_9_2012	D5S818	11	12	130.24	134.53
SRA_01_04_5_5_2010	D7S820	10	11	228.11	232.2
SRA_01_04_22_6_2010	D7S820	10	11	227.94	232.03
SRA_01_04_3_7_2013	D7S820	10	11	228.1	232.03
Caco2_8_2_2014	D7S820	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D7S820	11	11	232.24	232.24
NTM_16_4_2014	D7S820	8	12	220.03	236.09
GTM_p18_28_9_2012	D7S820	9	10	224.02	228.13
SRA_01_04_5_5_2010	D8S1179	14	15	230.24	234.16
SRA_01_04_22_6_2010	D8S1179	14	15	230.07	233.99
SRA_01_04_3_7_2013	D8S1179	14	15	230.23	234.15
Caco2_8_2_2014	D8S1179	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	D8S1179	12	14	222.21	230.26
NTM_16_4_2014	D8S1179	13	13	226.16	226.16
GTM_p18_28_9_2012	D8S1179	13	13	225.99	225.99
SRA_01_04_5_5_2010	FGA	19	20	333.15	337.23
SRA_01_04_22_6_2010	FGA	19	20	333.15	337.23
SRA_01_04_3_7_2013	FGA	19	20	332.99	337.23
Caco2_8_2_2014	FGA	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	FGA	23	23	349.84	349.84
NTM_16_4_2014	FGA	22	27	345.52	366.04
GTM_p18_28_9_2012	FGA	21	21	341.31	341.31
SRA_01_04_5_5_2010	Penta_D	9	12	398.83	412.94
SRA_01_04_22_6_2010	Penta_D	9	12	398.83	413.02
SRA_01_04_3_7_2013	Penta_D	9	12	398.83	413.1
Caco2_8_2_2014	Penta_D	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	Penta_D	9	10	398.82	403.66
NTM_16_4_2014	Penta_D	8	11	394.1	408.38
GTM_p18_28_9_2012	Penta_D	11	11	408.44	408.44
SRA_01_04_5_5_2010	Penta_E	7	21	387.05	459.08
SRA_01_04_22_6_2010	Penta_E	7	21	387.13	459.14
SRA_01_04_3_7_2013	Penta_E	7	21	387.47	459.42
Caco2_8_2_2014	Penta_E	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	Penta_E	7	15	387.37	428.47
NTM_16_4_2014	Penta_E	7	16	387.55	433.58
GTM_p18_28_9_2012	Penta_E	12	12	413.1	413.1
SRA_01_04_5_5_2010	TH01	6	7	161.65	165.61
SRA_01_04_22_6_2010	TH01	6	7	161.5	165.49
SRA_01_04_3_7_2013	TH01	6	7	161.66	165.65
Caco2_8_2_2014	TH01	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	TH01	7	9.3	165.87	176.69
NTM_16_4_2014	TH01	7	7	165.75	165.75
GTM_p18_28_9_2012	TH01	9	9.3	173.7	176.69
SRA_01_04_5_5_2010	TPOX	8	8	269.02	269.02
SRA_01_04_22_6_2010	TPOX	8	8	268.81	268.81
SRA_01_04_3_7_2013	TPOX	8	8	268.98	268.98
Caco2_8_2_2014	TPOX	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	TPOX	11	11	280.98	280.98
NTM_16_4_2014	TPOX	8	10	269.07	276.94

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GTM_p18_28_9_2012	TPOX	8	8	268.98	268.98
SRA_01_04_5_5_2010	vWA	17	20	150.23	162.15
SRA_01_04_22_6_2010	vWA	17	20	150.13	162.17
SRA_01_04_3_7_2013	vWA	17	20	150.22	162.16
Caco2_8_2_2014	vWA	Failed	Failed	Failed	Failed
HEK293A_25_2_2012	vWA	16	19	146.2	158.31
NTM_16_4_2014	vWA	16	16	146.19	146.19
GTM_p18_28_9_2012	vWA	14	14	138.47	138.47