

Data S2. Allele-specific pyrosequencing verification results for escaper genes and selected non-escaper genes in brain and EEM.

Data S2A. SNP genotyping results in the F1 embryo and their parents by Sanger sequencing for selected escaper genes.

No.	gene name	chr	position	ref allele	alter allele	Status	A0571_E1	A0571_E4	A0579_E3	A0579_E4	A0572_E1	A0572_E3	A0580_E1	A0580_E5
1	<i>TAF1</i>	chrX	69923328	A	G	Escaper	A/G	A/G	A/G	A/G	G/G	G	A/G	G
2	<i>CD99L2</i>	chrX	40089082	A	G	Escaper	A/G	A/G	A/A	A/A	A/G	A	A/A	A
3	<i>HMGB3X</i>	chrX	40265001	C	T	Escaper	C/T	C/T	C/C	C/C	C/T	C	C/C	C
4	<i>FLNA</i>	chrX	3118465	A	G	Escaper	A/G	A/G	A/G	A/G	A/G	A	A/A	A
5	<i>YIPF6</i>	chrX	7591879	A	G	Escaper	A/G	A/G	A/G	A/G	A/G	A	A/A	A
6	<i>RBMX</i>	chrX	43224549	G	C	Escaper	C/G	C/G	C/G	C/G	G/G	G	C/G	G
7	<i>G6PD</i>	chrX	3454661	G	A	Escaper	A/G	A/G	A/G	A/G	-	-	-	-
8	<i>ALAS2</i>	chrX	69738826	C	T	Escaper	C/T	C/T	C/C	C/C	-	-	-	-
9	<i>ATRX</i>	chrX	56015189	G	A	Escaper	A/G	A/G	G/G	G/G	A/G	A	G/G	G
10	<i>NONO</i>	chrX	69964566	G	A	Escaper	A/G	A/G	A/G	A/G	A/A	A	A/G	A
11	<i>IRAK1</i>	chrX	14513409	C	T	Escaper	T/T	T/T	C/T	C/T	T/T	T	C/T	C
12	<i>IRAK1</i>	chrX	14513308	T	G	Escaper	G/G	G/G	T/G	T/G	G/G	G	T/G	T
13	<i>MTMR1</i>	chrX	40019178	T	C	Escaper	C/T	C/T	C/T	C/T	-	-	-	-
14	<i>DKC1</i>	chrX	3927388	C	T	Escaper	T/T	T/T	C/T	C/T	T/T	T	C/T	C
15	<i>FRMD7</i>	chrX	32854425	G	A	Escaper	A/A	A/A	A/G	A/G	A/G	G	A/G	G
16	<i>FRMD7</i>	chrX	32854482	T	C	Escaper	C/C	C/C	C/T	C/T	C/T	T	C/T	T

No.	gene name	chr	position	ref allele	alter allele	Status	A0571	A0572	A0573	A0578	A0579	A0580
1	<i>TAF1</i>	chrX	69923328	A	G	Escaper	G/G	G/G	G	A	A/G	A/G
2	<i>CD99L2</i>	chrX	40089082	A	G	Escaper	G/G	A/G	A	A	A/A	A/A
3	<i>HMGB3X</i>	chrX	40265001	C	T	Escaper	C/T	C/T	C	C	C/C	C/C
4	<i>FLNA</i>	chrX	3118465	A	G	Escaper	A/G	A/G	G	A	A/A	A/A
5	<i>YIPF6</i>	chrX	7591879	A	G	Escaper	A/G	A/G	G	A	A/A	A/A
6	<i>RBMX</i>	chrX	43224549	G	C	Escaper	G/G	G/G	G	C	C/G	C/G
7	<i>G6PD</i>	chrX	3454661	G	A	Escaper	A/G	A/A	A	G	G/G	G/G
8	<i>ALAS2</i>	chrX	69738826	C	T	Escaper	C/T	C/T	C	C	C/C	C/C
9	<i>ATRX</i>	chrX	56015189	G	A	Escaper	A/G	A/A	G	G	A/G	G/G
10	<i>NONO</i>	chrX	69964566	G	A	Escaper	A/A	A/A	A	G	A/G	A/G
11	<i>IRAK1</i>	chrX	14513409	C	T	Escaper	T/T	T/T	T	T	C/T	C/T
12	<i>IRAK1</i>	chrX	14513308	T	G	Escaper	G/G	G/G	G	G	T/G	T/G
13	<i>MTMR1</i>	chrX	40019178	T	C	Escaper	C/C	C/C	C	T	T/T	T/T
14	<i>DKC1</i>	chrX	3927388	C	T	Escaper	T/T	T/T	T	T	C/C	C/C
15	<i>FRMD7</i>	chrX	32854425	G	A	Escaper	A/A	A/G	A	A	G/G	G/G
16	<i>FRMD7</i>	chrX	32854482	T	C	Escaper	C/C	C/T	C	C	T/T	T/T

Data S2B. SNP genotyping results in the F1 embryos by Sanger sequencing for selected non-escaper genes.

No.	gene name	chr	position	SNP class	ref allele	alter allele	Status	A0571_E1	A0571_E4	A0579_E3	A0579_E4	# of informative individuals
1	<i>SLC16A2</i>	chrUn	6393683	1	A	G	Non-Escaper	R	R	R	R	4/4
2	<i>CDX4</i>	chrX	26240387	1	T	A	Non-Escaper	W	W	W	W	4/4
3	<i>ELF4</i>	chrX	31514088	1	G	T	Non-Escaper	K	K	K	K	4/4
4	<i>HPRT</i>	chrX	35596754	1	C	T	Non-Escaper	Y	Y	C	C	2/4
5	<i>COX7B</i>	chrX	56154877	1	C	T	Non-Escaper	Y	Y	-	-	2/2
6	<i>STAG2</i>	chrX	17675695	2	G	A	Non-Escaper	G	G	R	R	2/4
7	<i>SMARCA1</i>	chrX	30919005	2	G	A	Non-Escaper	G	G	R	R	2/4
8	<i>SPRY3</i>	chrX	4721792	3	G	A	Non-Escaper	R	R	R	R	4/4
9	<i>IRS4</i>	chrX	6596633	3	G	T	Non-Escaper	T	T	K	K	2/4
10	<i>EDA2R</i>	chrX	9211270	3	T	C	Non-Escaper	Y	Y	Y	Y	4/4
11	<i>ODZ1</i>	chrX	17818423	4	T	C	Non-Escaper	T	T	Y	Y	2/4
12	<i>EDA</i>	chrX	70780364	5	T	C	Non-Escaper	Y	Y	-	Y	3/3
13	<i>ERCC6L</i>	chrX	72446223	5	T	C	Non-Escaper	Y	Y	Y	Y	4/4
14	<i>MID2</i>	chrX	7273137	5	G	A	Non-Escaper	R	R	R	R	4/4
15	<i>RBM41</i>	chrX	12292199	5	C	T	Non-Escaper	Y	Y	C	C	2/4
16	<i>TIMM8A</i>	chrX	78831313	5	T	C	Non-Escaper	Y	Y	T	T	2/4
17	<i>WDR44</i>	chrX	78185165	5	G	A	Non-Escaper	R	R	R	R	4/4
18	<i>LONRF3</i>	chrX	27474059	5	G	A	Non-Escaper	-	R	R	R	3/3
19	<i>ECM2</i>	chrX	11012781	0	G	C	Non-Escaper	K	K	K	K	4/4
20	<i>STYL4</i>	chrX	79258930	0	T	C	Non-Escaper	Y	Y	Y	Y	4/4

Data S2C. Allele-specific pyrosequencing verification results.

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
1	OMSNP0156862	TAF1	A/G	A0571_p1	EEM	female	A0571	A0578	G/G	A	A/G	22.80%	25.40%	24.10%
2	OMSNP0156862	TAF1	A/G	A0571_p4	EEM	female	A0571	A0578	G/G	A	A/G	25.20%	26.90%	26.05%
3	OMSNP0156862	TAF1	A/G	A0579_p3	EEM	female	A0579	A0573	A/G	G	A/G	60.50%	62.40%	61.45%
4	OMSNP0156862	TAF1	A/G	A0579_p4	EEM	female	A0579	A0573	A/G	G	A/G	69.20%	70.40%	69.80%
5	OMSNP0156862	TAF1	A/G	A0571_b1	fetal brain	female	A0571	A0578	G/G	A	A/G	NA	26.50%	26.50%
6	OMSNP0156862	TAF1	A/G	A0571_b4	fetal brain	female	A0571	A0578	G/G	A	A/G	27.80%	24.10%	25.95%
7	OMSNP0156862	TAF1	A/G	A0579_b3	fetal brain	female	A0579	A0573	A/G	G	A/G	69.80%	73.00%	71.40%
8	OMSNP0156862	TAF1	A/G	A0579_b4	fetal brain	female	A0579	A0573	A/G	G	A/G	72.00%	77.90%	74.95%
9	OMSNP0156862	TAF1	A/G	A0580_p1	EEM	female	A0580	A0578	A/G	A	A/G	19.30%	20.70%	20.00%
10	OMSNP0156862	TAF1	A/G	A0580_p5	EEM	male	A0580	A0578	A/G	A	G	NA	NA	NA
11	OMSNP0156862	TAF1	A/G	A0572_p1	EEM	female	A0572	A0573	G/G	G	G/G	5.80%	7.80%	6.80%
12	OMSNP0156862	TAF1	A/G	A0572_p3	EEM	male	A0572	A0573	G/G	G	G	7.40%	4.10%	5.75%
13	OMSNP0156862	TAF1	A/G	A0580_b1	fetal brain	female	A0580	A0578	A/G	A	A/G	23.50%	36.50%	30.00%
14	OMSNP0156862	TAF1	A/G	A0580_b5	fetal brain	male	A0580	A0578	A/G	A	G	6.50%	6.40%	6.45%
15	OMSNP0156862	TAF1	A/G	A0572_b1	fetal brain	female	A0572	A0573	G/G	G	G/G	6.00%	4.50%	5.25%
16	OMSNP0156862	TAF1	A/G	A0572_b3	fetal brain	male	A0572	A0573	G/G	G	G	3.30%	4.50%	3.90%
17	OMSNP0156126	CD99L2	A/G	A0571_p1	EEM	female	A0571	A0578	G/G	A	A/G	34.20%	34.50%	34.35%
18	OMSNP0156126	CD99L2	A/G	A0571_p4	EEM	female	A0571	A0578	G/G	A	A/G	32.40%	31.40%	31.90%
19	OMSNP0156126	CD99L2	A/G	A0579_p3	EEM	female	A0579	A0573	A/A	A	A/A	100.00%	100.00%	100.00%
20	OMSNP0156126	CD99L2	A/G	A0579_p4	EEM	female	A0579	A0573	A/A	A	A/A	100.00%	100.00%	100.00%
21	OMSNP0156126	CD99L2	A/G	A0571_b1	fetal brain	female	A0571	A0578	G/G	A	A/G	48.00%	48.30%	48.15%
22	OMSNP0156126	CD99L2	A/G	A0571_b4	fetal brain	female	A0571	A0578	G/G	A	A/G	37.00%	37.50%	37.25%
23	OMSNP0156126	CD99L2	A/G	A0579_b3	fetal brain	female	A0579	A0573	A/A	A	A/A	100.00%	100.00%	100.00%
24	OMSNP0156126	CD99L2	A/G	A0579_b4	fetal brain	female	A0579	A0573	A/A	A	A/A	100.00%	100.00%	100.00%
25	OMSNP0156126	CD99L2	A/G	A0580_p1	EEM	female	A0580	A0578	A/A	A	A/A	93.50%	87.80%	90.65%
26	OMSNP0156126	CD99L2	A/G	A0580_p5	EEM	male	A0580	A0578	A/A	A	A	83.10%	100.00%	91.55%
27	OMSNP0156126	CD99L2	A/G	A0572_p1	EEM	female	A0572	A0573	A/G	A	A/G	43.10%	45.30%	44.20%
28	OMSNP0156126	CD99L2	A/G	A0572_p3	EEM	male	A0572	A0573	A/G	A	A	94.40%	89.50%	91.95%
29	OMSNP0156126	CD99L2	A/G	A0580_b1	fetal brain	female	A0580	A0578	A/A	A	A/A	92.50%	87.40%	89.95%
30	OMSNP0156126	CD99L2	A/G	A0580_b5	fetal brain	male	A0580	A0578	A/A	A	A	90.30%	92.00%	91.15%
31	OMSNP0156126	CD99L2	A/G	A0572_b1	fetal brain	female	A0572	A0573	A/G	A	A/G	44.10%	42.70%	43.40%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
32	OMSNP0156126	CD99L2	A/G	A0572_b3	fetal brain	male	A0572	A0573	A/G	A	A	88.20%	100.00%	94.10%
33	OMSNP0156138	HMGB3X	C/T	A0571_p1	EEM	female	A0571	A0578	C/T	C	C/T	73.90%	72.40%	73.15%
34	OMSNP0156138	HMGB3X	C/T	A0571_p4	EEM	female	A0571	A0578	C/T	C	C/T	NA	72.60%	72.60%
35	OMSNP0156138	HMGB3X	C/T	A0579_p3	EEM	female	A0579	A0573	C/C	C	C/C	97.30%	98.60%	97.95%
36	OMSNP0156138	HMGB3X	C/T	A0579_p4	EEM	female	A0579	A0573	C/C	C	C/C	98.40%	100.00%	99.20%
37	OMSNP0156138	HMGB3X	C/T	A0571_b1	fetal brain	female	A0571	A0578	C/T	C	C/T	62.50%	61.50%	62.00%
38	OMSNP0156138	HMGB3X	C/T	A0571_b4	fetal brain	female	A0571	A0578	C/T	C	C/T	64.90%	65.40%	65.15%
39	OMSNP0156138	HMGB3X	C/T	A0579_b3	fetal brain	female	A0579	A0573	C/C	C	C/C	100.00%	100.00%	100.00%
40	OMSNP0156138	HMGB3X	C/T	A0579_b4	fetal brain	female	A0579	A0573	C/C	C	C/C	98.80%	99.80%	99.30%
41	OMSNP0156138	HMGB3X	C/T	A0580_p1	EEM	female	A0580	A0578	C/C	C	C/C	NA	99.80%	99.80%
42	OMSNP0156138	HMGB3X	C/T	A0580_p5	EEM	male	A0580	A0578	C/C	C	C	100.00%	100.00%	100.00%
43	OMSNP0156138	HMGB3X	C/T	A0572_p1	EEM	female	A0572	A0573	C/T	C	C/T	68.60%	67.10%	67.85%
44	OMSNP0156138	HMGB3X	C/T	A0572_p3	EEM	male	A0572	A0573	C/T	C	C	100.00%	99.70%	99.85%
45	OMSNP0156138	HMGB3X	C/T	A0580_b1	fetal brain	female	A0580	A0578	C/C	C	C/C	98.70%	96.00%	97.35%
46	OMSNP0156138	HMGB3X	C/T	A0580_b5	fetal brain	male	A0580	A0578	C/C	C	C	100.00%	100.00%	100.00%
47	OMSNP0156138	HMGB3X	C/T	A0572_b1	fetal brain	female	A0572	A0573	C/T	C	C/T	66.60%	62.60%	64.60%
48	OMSNP0156138	HMGB3X	C/T	A0572_b3	fetal brain	male	A0572	A0573	C/T	C	C	99.10%	96.80%	97.95%
49	OMSNP0154784	FLNA	A/G	A0571_p1	EEM	female	A0571	A0578	A/G	A	A/G	20.90%	20.30%	20.60%
50	OMSNP0154784	FLNA	A/G	A0571_p4	EEM	female	A0571	A0578	A/G	A	A/G	18.80%	19.50%	19.15%
51	OMSNP0154784	FLNA	A/G	A0579_p3	EEM	female	A0579	A0573	A/A	G	A/G	73.00%	75.90%	74.45%
52	OMSNP0154784	FLNA	A/G	A0579_p4	EEM	female	A0579	A0573	A/A	G	A/G	71.20%	73.50%	72.35%
53	OMSNP0154784	FLNA	A/G	A0571_b1	fetal brain	female	A0571	A0578	A/G	A	A/G	32.50%	31.20%	31.85%
54	OMSNP0154784	FLNA	A/G	A0571_b4	fetal brain	female	A0571	A0578	A/G	A	A/G	21.20%	22.10%	21.65%
55	OMSNP0154784	FLNA	A/G	A0579_b3	fetal brain	female	A0579	A0573	A/A	G	A/G	72.80%	72.30%	72.55%
56	OMSNP0154784	FLNA	A/G	A0579_b4	fetal brain	female	A0579	A0573	A/A	G	A/G	80.60%	NA	80.60%
57	OMSNP0154784	FLNA	A/G	A0580_p1	EEM	female	A0580	A0578	A/A	A	A/A	94.00%	90.90%	92.45%
58	OMSNP0154784	FLNA	A/G	A0580_p5	EEM	male	A0580	A0578	A/A	A	A	NA	NA	NA
59	OMSNP0154784	FLNA	A/G	A0572_p1	EEM	female	A0572	A0573	A/G	G	A/G	NA	74.50%	74.50%
60	OMSNP0154784	FLNA	A/G	A0572_p3	EEM	male	A0572	A0573	A/G	G	A	90.50%	85.90%	88.20%
61	OMSNP0154784	FLNA	A/G	A0580_b1	fetal brain	female	A0580	A0578	A/A	A	A/A	100.00%	91.50%	95.75%
62	OMSNP0154784	FLNA	A/G	A0580_b5	fetal brain	male	A0580	A0578	A/A	A	A	100.00%	100.00%	100.00%
63	OMSNP0154784	FLNA	A/G	A0572_b1	fetal brain	female	A0572	A0573	A/G	G	A/G	76.60%	NA	76.60%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
64	OMSNP0154784	FLNA	A/G	A0572_b3	fetal brain	male	A0572	A0573	A/G	G	A	100.00%	100.00%	100.00%
65	OMSNP0155110	YIPF6	A/G	A0571_p1	EEM	female	A0571	A0578	A/G	A	A/G	19.70%	15.60%	17.65%
66	OMSNP0155110	YIPF6	A/G	A0571_p4	EEM	female	A0571	A0578	A/G	A	A/G	20.30%	19.10%	19.70%
67	OMSNP0155110	YIPF6	A/G	A0579_p3	EEM	female	A0579	A0573	A/A	G	A/G	81.10%	80.90%	81.00%
68	OMSNP0155110	YIPF6	A/G	A0579_p4	EEM	female	A0579	A0573	A/A	G	A/G	84.10%	80.90%	82.50%
69	OMSNP0155110	YIPF6	A/G	A0571_b1	fetal brain	female	A0571	A0578	A/G	A	A/G	20.40%	20.60%	20.50%
70	OMSNP0155110	YIPF6	A/G	A0571_b4	fetal brain	female	A0571	A0578	A/G	A	A/G	21.70%	20.50%	21.10%
71	OMSNP0155110	YIPF6	A/G	A0579_b3	fetal brain	female	A0579	A0573	A/A	G	A/G	78.10%	78.90%	78.50%
72	OMSNP0155110	YIPF6	A/G	A0579_b4	fetal brain	female	A0579	A0573	A/A	G	A/G	76.60%	74.00%	75.30%
73	OMSNP0155110	YIPF6	A/G	A0580_p1	EEM	female	A0580	A0578	A/A	A	A/A	100.00%	100.00%	100.00%
74	OMSNP0155110	YIPF6	A/G	A0580_p5	EEM	male	A0580	A0578	A/A	A	A	100.00%	100.00%	100.00%
75	OMSNP0155110	YIPF6	A/G	A0572_p1	EEM	female	A0572	A0573	A/G	G	A/G	82.20%	82.40%	82.30%
76	OMSNP0155110	YIPF6	A/G	A0572_p3	EEM	male	A0572	A0573	A/G	G	A	100.00%	100.00%	100.00%
77	OMSNP0155110	YIPF6	A/G	A0580_b1	fetal brain	female	A0580	A0578	A/A	A	A/A	100.00%	100.00%	100.00%
78	OMSNP0155110	YIPF6	A/G	A0580_b5	fetal brain	male	A0580	A0578	A/A	A	A	100.00%	100.00%	100.00%
79	OMSNP0155110	YIPF6	A/G	A0572_b1	fetal brain	female	A0572	A0573	A/G	G	A/G	77.00%	76.80%	76.90%
80	OMSNP0155110	YIPF6	A/G	A0572_b3	fetal brain	male	A0572	A0573	A/G	G	A	100.00%	100.00%	100.00%
81	OMSNP0156207	RBMX	G/C	A0571_p1	EEM	female	A0571	A0578	G/G	C	C/G	82.90%	83.50%	83.20%
82	OMSNP0156207	RBMX	G/C	A0571_p4	EEM	female	A0571	A0578	G/G	C	C/G	81.60%	79.70%	80.65%
83	OMSNP0156207	RBMX	G/C	A0579_p3	EEM	female	A0579	A0573	C/G	G	C/G	22.60%	21.90%	22.25%
84	OMSNP0156207	RBMX	G/C	A0579_p4	EEM	female	A0579	A0573	C/G	G	C/G	23.90%	22.00%	22.95%
85	OMSNP0156207	RBMX	G/C	A0571_b1	fetal brain	female	A0571	A0578	G/G	C	C/G	73.60%	70.40%	72.00%
86	OMSNP0156207	RBMX	G/C	A0571_b4	fetal brain	female	A0571	A0578	G/G	C	C/G	70.30%	67.50%	68.90%
87	OMSNP0156207	RBMX	G/C	A0579_b3	fetal brain	female	A0579	A0573	C/G	G	C/G	33.30%	31.50%	32.40%
88	OMSNP0156207	RBMX	G/C	A0579_b4	fetal brain	female	A0579	A0573	C/G	G	C/G	34.00%	33.60%	33.80%
89	OMSNP0156207	RBMX	G/C	A0580_p1	EEM	female	A0580	A0578	C/G	C	C/G	74.50%	73.00%	73.75%
90	OMSNP0156207	RBMX	G/C	A0580_p5	EEM	male	A0580	A0578	C/G	C	G	98.30%	97.80%	98.05%
91	OMSNP0156207	RBMX	G/C	A0572_p1	EEM	female	A0572	A0573	G/G	G	G/G	98.40%	100.00%	99.20%
92	OMSNP0156207	RBMX	G/C	A0572_p3	EEM	male	A0572	A0573	G/G	G	G	98.40%	100.00%	99.20%
93	OMSNP0156207	RBMX	G/C	A0580_b1	fetal brain	female	A0580	A0578	C/G	C	C/G	67.00%	71.10%	69.05%
94	OMSNP0156207	RBMX	G/C	A0580_b5	fetal brain	male	A0580	A0578	C/G	C	G	96.60%	96.90%	96.75%
95	OMSNP0156207	RBMX	G/C	A0572_b1	fetal brain	female	A0572	A0573	G/G	G	G/G	99.00%	100.00%	99.50%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
96	OMSNP0156207	<i>RBMX</i>	G/C	A0572_b3	fetal brain	male	A0572	A0573	G/G	G	G	98.20%	99.90%	99.05%
97	OMSNP0154933	<i>G6PD</i>	G/A	A0571_p1	EEM	female	A0571	A0578	A/A or A/G	G	A/G	NA	2.70%	2.70%
98	OMSNP0154933	<i>G6PD</i>	G/A	A0571_p4	EEM	female	A0571	A0578	A/A or A/G	G	A/G	7.80%	4.80%	6.30%
99	OMSNP0154933	<i>G6PD</i>	G/A	A0579_p3	EEM	female	A0579	A0573	G/G	A	A/G	89.30%	88.50%	88.90%
100	OMSNP0154933	<i>G6PD</i>	G/A	A0579_p4	EEM	female	A0579	A0573	G/G	A	A/G	88.10%	88.80%	88.45%
101	OMSNP0154933	<i>G6PD</i>	G/A	A0571_b1	fetal brain	female	A0571	A0578	A/A or A/G	G	A/G	11.70%	6.30%	9.00%
102	OMSNP0154933	<i>G6PD</i>	G/A	A0571_b4	fetal brain	female	A0571	A0578	A/A or A/G	G	A/G	5.70%	2.30%	4.00%
103	OMSNP0154933	<i>G6PD</i>	G/A	A0579_b3	fetal brain	female	A0579	A0573	G/G	A	A/G	83.10%	80.90%	82.00%
104	OMSNP0154933	<i>G6PD</i>	G/A	A0579_b4	fetal brain	female	A0579	A0573	G/G	A	A/G	100.00%	74.90%	87.45%
113	OMSNP0156832	<i>ALAS2</i>	C/T	A0571_p1	EEM	female	A0571	A0578	C/T	C	C/T	14.80%	15.00%	14.90%
114	OMSNP0156832	<i>ALAS2</i>	C/T	A0571_p4	EEM	female	A0571	A0578	C/T	C	C/T	15.00%	16.10%	15.55%
115	OMSNP0156832	<i>ALAS2</i>	C/T	A0579_p3	EEM	female	A0579	A0573	C/C	C	C/C	100.00%	96.60%	98.30%
116	OMSNP0156832	<i>ALAS2</i>	C/T	A0579_p4	EEM	female	A0579	A0573	C/C	C	C/C	96.40%	100.00%	98.20%
117	OMSNP0156832	<i>ALAS2</i>	C/T	A0571_b1	fetal brain	female	A0571	A0578	C/T	C	C/T	13.00%	13.10%	13.05%
118	OMSNP0156832	<i>ALAS2</i>	C/T	A0571_b4	fetal brain	female	A0571	A0578	C/T	C	C/T	21.80%	21.50%	21.65%
119	OMSNP0156832	<i>ALAS2</i>	C/T	A0579_b3	fetal brain	female	A0579	A0573	C/C	C	C/C	95.90%	100.00%	97.95%
120	OMSNP0156832	<i>ALAS2</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	C/C	C	C/C	97.50%	94.90%	96.20%
121	OMSNP0156832	<i>ALAS2</i>	C/T	A0580_p1	EEM	female	A0580	A0578	C/C	C	C/C	100.00%	95.60%	97.80%
122	OMSNP0156832	<i>ALAS2</i>	C/T	A0580_p5	EEM	male	A0580	A0578	C/C	C	C	93.70%	94.80%	94.25%
123	OMSNP0156832	<i>ALAS2</i>	C/T	A0572_p1	EEM	female	A0572	A0573	C/T	C	C/T	6.10%	5.90%	6.00%
124	OMSNP0156832	<i>ALAS2</i>	C/T	A0572_p3	EEM	male	A0572	A0573	C/T	C	C	100.00%	92.50%	96.25%
125	OMSNP0156832	<i>ALAS2</i>	C/T	A0580_b1	fetal brain	female	A0580	A0578	C/C	C	C/C	100.00%	100.00%	100.00%
126	OMSNP0156832	<i>ALAS2</i>	C/T	A0580_b5	fetal brain	male	A0580	A0578	C/C	C	C	100.00%	100.00%	100.00%
127	OMSNP0156832	<i>ALAS2</i>	C/T	A0572_b1	fetal brain	female	A0572	A0573	C/T	C	C/T	5.90%	5.50%	5.70%
128	OMSNP0156832	<i>ALAS2</i>	C/T	A0572_b3	fetal brain	male	A0572	A0573	C/T	C	C	100.00%	96.00%	98.00%
129	OMSNP0156416	<i>ATRX</i>	G/A	A0571_p1	EEM	female	A0571	A0578	A/G	G	A/G	24.00%	19.60%	21.80%
130	OMSNP0156416	<i>ATRX</i>	G/A	A0571_p4	EEM	female	A0571	A0578	A/G	G	A/G	14.90%	14.30%	14.60%
131	OMSNP0156416	<i>ATRX</i>	G/A	A0579_p3	EEM	female	A0579	A0573	A/G	G	G/G	100.00%	100.00%	100.00%
132	OMSNP0156416	<i>ATRX</i>	G/A	A0579_p4	EEM	female	A0579	A0573	A/G	G	G/G	100.00%	100.00%	100.00%
133	OMSNP0156416	<i>ATRX</i>	G/A	A0571_b1	fetal brain	female	A0571	A0578	A/G	G	A/G	21.70%	18.60%	20.15%
134	OMSNP0156416	<i>ATRX</i>	G/A	A0571_b4	fetal brain	female	A0571	A0578	A/G	G	A/G	19.50%	19.50%	19.50%
135	OMSNP0156416	<i>ATRX</i>	G/A	A0579_b3	fetal brain	female	A0579	A0573	A/G	G	G/G	100.00%	100.00%	100.00%
136	OMSNP0156416	<i>ATRX</i>	G/A	A0579_b4	fetal brain	female	A0579	A0573	A/G	G	G/G	100.00%	100.00%	100.00%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
137	OMSNP0156416	ATRX	G/A	A0580_p1	EEM	female	A0580	A0578	G/G	G	G/G	100.00%	100.00%	100.00%
138	OMSNP0156416	ATRX	G/A	A0580_p5	EEM	male	A0580	A0578	G/G	G	G	100.00%	97.20%	98.60%
139	OMSNP0156416	ATRX	G/A	A0572_p1	EEM	female	A0572	A0573	A/A	G	A/G	16.90%	16.60%	16.75%
140	OMSNP0156416	ATRX	G/A	A0572_p3	EEM	male	A0572	A0573	A/A	G	A	0.00%	0.00%	0.00%
141	OMSNP0156416	ATRX	G/A	A0580_b1	fetal brain	female	A0580	A0578	G/G	G	G/G	100.00%	100.00%	100.00%
142	OMSNP0156416	ATRX	G/A	A0580_b5	fetal brain	male	A0580	A0578	G/G	G	G	100.00%	100.00%	100.00%
143	OMSNP0156416	ATRX	G/A	A0572_b1	fetal brain	female	A0572	A0573	A/A	G	A/G	19.90%	20.80%	20.35%
144	OMSNP0156416	ATRX	G/A	A0572_b3	fetal brain	male	A0572	A0573	A/A	G	A	0.00%	2.00%	1.00%
145	chrX_78952955	CENPI	T/C	A0580_p1	EEM	female	A0580	A0578	-	-	C/T	16.00%	17.60%	16.80%
146	chrX_78952955	CENPI	T/C	A0580_p5	EEM	male	A0580	A0578	-	-	C	0.00%	0.00%	0.00%
147	chrX_78952955	CENPI	T/C	A0572_p1	EEM	female	A0572	A0573	-	-	T/T	100.00%	100.00%	100.00%
148	chrX_78952955	CENPI	T/C	A0572_p3	EEM	male	A0572	A0573	-	-	T	100.00%	100.00%	100.00%
149	chrX_78952955	CENPI	T/C	A0580_b1	fetal brain	female	A0580	A0578	-	-	C/T	19.50%	19.40%	19.45%
150	chrX_78952955	CENPI	T/C	A0580_b5	fetal brain	male	A0580	A0578	-	-	C	0.00%	0.00%	0.00%
151	chrX_78952955	CENPI	T/C	A0572_b1	fetal brain	female	A0572	A0573	-	-	T/T	100.00%	100.00%	100.00%
152	chrX_78952955	CENPI	T/C	A0572_b3	fetal brain	male	A0572	A0573	-	-	T	100.00%	100.00%	100.00%
153	OMSNP0156865	NONO	G/A	A0571_p1	EEM	female	A0571	A0578	A/A	G	A/G	4.10%	9.30%	6.70%
154	OMSNP0156865	NONO	G/A	A0571_p4	EEM	female	A0571	A0578	A/A	G	A/G	15.70%	14.50%	15.10%
155	OMSNP0156865	NONO	G/A	A0579_p3	EEM	female	A0579	A0573	A/G	A	A/G	95.30%	95.10%	95.20%
156	OMSNP0156865	NONO	G/A	A0579_p4	EEM	female	A0579	A0573	A/G	A	A/G	92.70%	91.00%	91.85%
157	OMSNP0156865	NONO	G/A	A0571_b1	fetal brain	female	A0571	A0578	A/A	G	A/G	22.10%	17.50%	19.80%
158	OMSNP0156865	NONO	G/A	A0571_b4	fetal brain	female	A0571	A0578	A/A	G	A/G	17.60%	18.10%	17.85%
159	OMSNP0156865	NONO	G/A	A0579_b3	fetal brain	female	A0579	A0573	A/G	A	A/G	95.50%	91.00%	93.25%
160	OMSNP0156865	NONO	G/A	A0579_b4	fetal brain	female	A0579	A0573	A/G	A	A/G	88.90%	94.80%	91.85%
161	OMSNP0156865	NONO	G/A	A0580_p1	EEM	female	A0580	A0578	A/G	G	A/G	10.20%	8.40%	9.30%
162	OMSNP0156865	NONO	G/A	A0580_p5	EEM	male	A0580	A0578	A/G	G	A	4.90%	2.10%	3.50%
163	OMSNP0156865	NONO	G/A	A0572_p1	EEM	female	A0572	A0573	A/A	A	A/A	0.30%	4.80%	2.55%
164	OMSNP0156865	NONO	G/A	A0572_p3	EEM	male	A0572	A0573	A/A	A	A	0.00%	2.90%	1.45%
165	OMSNP0156865	NONO	G/A	A0580_b1	fetal brain	female	A0580	A0578	A/G	G	A/G	18.70%	14.30%	16.50%
166	OMSNP0156865	NONO	G/A	A0580_b5	fetal brain	male	A0580	A0578	A/G	G	A	6.80%	7.50%	7.15%
167	OMSNP0156865	NONO	G/A	A0572_b1	fetal brain	female	A0572	A0573	A/A	A	A/A	5.60%	5.10%	5.35%
168	OMSNP0156865	NONO	G/A	A0572_b3	fetal brain	male	A0572	A0573	A/A	A	A	NA	NA	NA
169	OMSNP0155434	IRAK1	C/T	A0571_p1	EEM	female	A0571	A0578	T/T	T	T/T	0.00%	0.00%	0.00%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
170	OMSNP0155434	IRAK1	C/T	A0571_p4	EEM	female	A0571	A0578	T/T	T	T/T	0.00%	0.00%	0.00%
171	OMSNP0155434	IRAK1	C/T	A0579_p3	EEM	female	A0579	A0573	C/T	T	C/T	81.20%	81.60%	81.40%
172	OMSNP0155434	IRAK1	C/T	A0579_p4	EEM	female	A0579	A0573	C/T	T	C/T	81.70%	82.60%	82.15%
173	OMSNP0155434	IRAK1	C/T	A0571_b1	fetal brain	female	A0571	A0578	T/T	T	T/T	0.00%	0.00%	0.00%
174	OMSNP0155434	IRAK1	C/T	A0571_b4	fetal brain	female	A0571	A0578	T/T	T	T/T	0.00%	0.00%	0.00%
175	OMSNP0155434	IRAK1	C/T	A0579_b3	fetal brain	female	A0579	A0573	C/T	T	C/T	78.90%	79.20%	79.05%
176	OMSNP0155434	IRAK1	C/T	A0579_b4	fetal brain	female	A0579	A0573	C/T	T	C/T	77.80%	78.60%	78.20%
177	OMSNP0155434	IRAK1	C/T	A0580_p1	EEM	female	A0580	A0578	C/T	T	C/T	76.40%	73.40%	74.90%
178	OMSNP0155434	IRAK1	C/T	A0580_p5	EEM	male	A0580	A0578	C/T	T	C	100.00%	100.00%	100.00%
179	OMSNP0155434	IRAK1	C/T	A0572_p1	EEM	female	A0572	A0573	T/T	T	T/T	0.00%	0.00%	0.00%
180	OMSNP0155434	IRAK1	C/T	A0572_p3	EEM	male	A0572	A0573	T/T	T	T	0.00%	0.00%	0.00%
181	OMSNP0155434	IRAK1	C/T	A0580_b1	fetal brain	female	A0580	A0578	C/T	T	C/T	76.50%	76.30%	76.40%
182	OMSNP0155434	IRAK1	C/T	A0580_b5	fetal brain	male	A0580	A0578	C/T	T	C	100.00%	100.00%	100.00%
183	OMSNP0155434	IRAK1	C/T	A0572_b1	fetal brain	female	A0572	A0573	T/T	T	T/T	0.00%	0.00%	0.00%
184	OMSNP0155434	IRAK1	C/T	A0572_b3	fetal brain	male	A0572	A0573	T/T	T	T	0.00%	0.00%	0.00%
185	OMSNP0155433	IRAK1	T/G	A0571_p1	EEM	female	A0571	A0578	G/G	G	G/G	0.00%	0.00%	0.00%
186	OMSNP0155433	IRAK1	T/G	A0571_p4	EEM	female	A0571	A0578	G/G	G	G/G	0.00%	0.00%	0.00%
187	OMSNP0155433	IRAK1	T/G	A0579_p3	EEM	female	A0579	A0573	T/G	G	T/G	86.50%	86.40%	86.45%
188	OMSNP0155433	IRAK1	T/G	A0579_p4	EEM	female	A0579	A0573	T/G	G	T/G	81.70%	81.00%	81.35%
189	OMSNP0155433	IRAK1	T/G	A0571_b1	fetal brain	female	A0571	A0578	G/G	G	G/G	0.00%	0.00%	0.00%
190	OMSNP0155433	IRAK1	T/G	A0571_b4	fetal brain	female	A0571	A0578	G/G	G	G/G	0.00%	0.00%	0.00%
191	OMSNP0155433	IRAK1	T/G	A0579_b3	fetal brain	female	A0579	A0573	T/G	G	T/G	79.70%	76.00%	77.85%
192	OMSNP0155433	IRAK1	T/G	A0579_b4	fetal brain	female	A0579	A0573	T/G	G	T/G	77.80%	78.50%	78.15%
193	OMSNP0155433	IRAK1	T/G	A0580_p1	EEM	female	A0580	A0578	T/G	G	T/G	77.10%	73.60%	75.35%
194	OMSNP0155433	IRAK1	T/G	A0580_p5	EEM	male	A0580	A0578	T/G	G	T	94.10%	99.10%	96.60%
195	OMSNP0155433	IRAK1	T/G	A0572_p1	EEM	female	A0572	A0573	G/G	G	G/G	0.00%	0.00%	0.00%
196	OMSNP0155433	IRAK1	T/G	A0572_p3	EEM	male	A0572	A0573	G/G	G	G	0.00%	0.00%	0.00%
197	OMSNP0155433	IRAK1	T/G	A0580_b1	fetal brain	female	A0580	A0578	T/G	G	T/G	76.70%	73.50%	75.10%
198	OMSNP0155433	IRAK1	T/G	A0580_b5	fetal brain	male	A0580	A0578	T/G	G	T	97.10%	97.40%	97.25%
199	OMSNP0155433	IRAK1	T/G	A0572_b1	fetal brain	female	A0572	A0573	G/G	G	G/G	0.00%	0.00%	0.00%
200	OMSNP0155433	IRAK1	T/G	A0572_b3	fetal brain	male	A0572	A0573	G/G	G	G	0.00%	0.00%	0.00%
201	OMSNP0156061	FAM122B	T/G	A0571_p1	EEM	female	A0571	A0578	-	-	G/T	16.60%	15.40%	16.00%
202	OMSNP0156061	FAM122B	T/G	A0571_p4	EEM	female	A0571	A0578	-	-	G/T	22.30%	22.80%	22.55%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
203	OMSNP0156061	FAM122B	T/G	A0579_p3	EEM	female	A0579	A0573	-	-	G/T	80.90%	80.60%	80.75%
204	OMSNP0156061	FAM122B	T/G	A0579_p4	EEM	female	A0579	A0573	-	-	G/T	80.40%	80.10%	80.25%
205	OMSNP0156061	FAM122B	T/G	A0571_b1	fetal brain	female	A0571	A0578	-	-	G/T	26.30%	27.80%	27.05%
206	OMSNP0156061	FAM122B	T/G	A0571_b4	fetal brain	female	A0571	A0578	-	-	G/T	30.10%	31.10%	30.60%
207	OMSNP0156061	FAM122B	T/G	A0579_b3	fetal brain	female	A0579	A0573	-	-	G/T	69.80%	71.00%	70.40%
208	OMSNP0156061	FAM122B	T/G	A0579_b4	fetal brain	female	A0579	A0573	-	-	G/T	64.40%	64.40%	64.40%
209	OMSNP0156061	FAM122B	T/G	A0580_p1	EEM	female	A0580	A0578	-	-	T/T	89.30%	89.20%	89.25%
210	OMSNP0156061	FAM122B	T/G	A0580_p5	EEM	male	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
211	OMSNP0156061	FAM122B	T/G	A0572_p1	EEM	female	A0572	A0573	-	-	G/G	0.00%	0.00%	0.00%
212	OMSNP0156061	FAM122B	T/G	A0572_p3	EEM	male	A0572	A0573	-	-	G/G	0.00%	0.00%	0.00%
213	OMSNP0156061	FAM122B	T/G	A0580_b1	fetal brain	female	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
214	OMSNP0156061	FAM122B	T/G	A0580_b5	fetal brain	male	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
215	OMSNP0156061	FAM122B	T/G	A0572_b1	fetal brain	female	A0572	A0573	-	-	G/G	0.00%	0.00%	0.00%
216	OMSNP0156061	FAM122B	T/G	A0572_b3	fetal brain	male	A0572	A0573	-	-	G/G	0.00%	0.00%	0.00%
217	OMSNP0156120	MTMR1	T/C	A0571_p1	EEM	female	A0571	A0578	-	-	C/T	38.50%	38.50%	38.50%
218	OMSNP0156120	MTMR1	T/C	A0571_p4	EEM	female	A0571	A0578	-	-	C/T	44.70%	40.40%	42.55%
219	OMSNP0156120	MTMR1	T/C	A0579_p3	EEM	female	A0579	A0573	-	-	C/T	71.70%	69.20%	70.45%
220	OMSNP0156120	MTMR1	T/C	A0579_p4	EEM	female	A0579	A0573	-	-	C/T	73.00%	70.50%	71.75%
221	OMSNP0156120	MTMR1	T/C	A0571_b1	fetal brain	female	A0571	A0578	-	-	C/T	NA	39.00%	39.00%
222	OMSNP0156120	MTMR1	T/C	A0571_b4	fetal brain	female	A0571	A0578	-	-	C/T	51.80%	46.40%	49.10%
223	OMSNP0156120	MTMR1	T/C	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/T	77.30%	73.80%	75.55%
224	OMSNP0156120	MTMR1	T/C	A0579_b4	fetal brain	female	A0579	A0573	-	-	C/T	78.70%	76.70%	77.70%
225	OMSNP0156120	MTMR1	T/C	A0580_p1	EEM	female	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
226	OMSNP0156120	MTMR1	T/C	A0580_p5	EEM	male	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
227	OMSNP0156120	MTMR1	T/C	A0572_p1	EEM	female	A0572	A0573	-	-	C/C	0.00%	5.30%	2.65%
228	OMSNP0156120	MTMR1	T/C	A0572_p3	EEM	male	A0572	A0573	-	-	C/C	0.00%	3.20%	1.60%
229	OMSNP0156120	MTMR1	T/C	A0580_b1	fetal brain	female	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
230	OMSNP0156120	MTMR1	T/C	A0580_b5	fetal brain	male	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
231	OMSNP0156120	MTMR1	T/C	A0572_b1	fetal brain	female	A0572	A0573	-	-	C/C	0.00%	0.00%	0.00%
232	OMSNP0156120	MTMR1	T/C	A0572_b3	fetal brain	male	A0572	A0573	-	-	C/C	0.00%	0.00%	0.00%
233	OMSNP0154969	DKC1	C/T	A0571_p1	EEM	female	A0571	A0578	-	-	T/T	0.00%	0.00%	0.00%
234	OMSNP0154969	DKC1	C/T	A0571_p4	EEM	female	A0571	A0578	-	-	T/T	0.00%	0.00%	0.00%
235	OMSNP0154969	DKC1	C/T	A0579_p3	EEM	female	A0579	A0573	-	-	C/T	70.00%	68.60%	69.30%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
236	OMSNP0154969	<i>DKC1</i>	C/T	A0579_p4	EEM	female	A0579	A0573	-	-	C/T	67.40%	69.50%	68.45%
237	OMSNP0154969	<i>DKC1</i>	C/T	A0571_b1	fetal brain	female	A0571	A0578	-	-	T/T	0.00%	0.00%	0.00%
238	OMSNP0154969	<i>DKC1</i>	C/T	A0571_b4	fetal brain	female	A0571	A0578	-	-	T/T	0.00%	0.00%	0.00%
239	OMSNP0154969	<i>DKC1</i>	C/T	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/T	64.70%	62.80%	63.75%
240	OMSNP0154969	<i>DKC1</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	-	-	C/T	59.40%	60.90%	60.15%
241	OMSNP0154969	<i>DKC1</i>	C/T	A0580_p1	EEM	female	A0580	A0578	-	-	C/T	70.60%	71.40%	71.00%
242	OMSNP0154969	<i>DKC1</i>	C/T	A0580_p5	EEM	male	A0580	A0578	-	-	C	100.00%	100.00%	100.00%
243	OMSNP0154969	<i>DKC1</i>	C/T	A0572_p1	EEM	female	A0572	A0573	-	-	T/T	0.00%	0.00%	0.00%
244	OMSNP0154969	<i>DKC1</i>	C/T	A0572_p3	EEM	male	A0572	A0573	-	-	T	0.00%	0.00%	0.00%
245	OMSNP0154969	<i>DKC1</i>	C/T	A0580_b1	fetal brain	female	A0580	A0578	-	-	C/T	64.30%	63.10%	63.70%
246	OMSNP0154969	<i>DKC1</i>	C/T	A0580_b5	fetal brain	male	A0580	A0578	-	-	C	100.00%	97.50%	98.75%
247	OMSNP0154969	<i>DKC1</i>	C/T	A0572_b1	fetal brain	female	A0572	A0573	-	-	T/T	0.00%	0.00%	0.00%
248	OMSNP0154969	<i>DKC1</i>	C/T	A0572_b3	fetal brain	male	A0572	A0573	-	-	T	0.00%	0.00%	0.00%
249	OMSNP0155979	<i>FRMD7</i>	G/A	A0571_p1	EEM	female	A0571	A0578	A/A	A	A/A	0.00%	0.00%	0.00%
250	OMSNP0155979	<i>FRMD7</i>	G/A	A0571_p4	EEM	female	A0571	A0578	A/A	A	A/A	0.00%	0.00%	0.00%
251	OMSNP0155979	<i>FRMD7</i>	G/A	A0579_p3	EEM	female	A0579	A0573	G/G	A	A/G	51.30%	51.10%	51.20%
252	OMSNP0155979	<i>FRMD7</i>	G/A	A0579_p4	EEM	female	A0579	A0573	G/G	A	A/G	51.30%	52.30%	51.80%
253	OMSNP0155979	<i>FRMD7</i>	G/A	A0571_b1	fetal brain	female	A0571	A0578	A/A	A	A/A	0.00%	0.00%	0.00%
254	OMSNP0155979	<i>FRMD7</i>	G/A	A0571_b4	fetal brain	female	A0571	A0578	A/A	A	A/A	0.00%	0.00%	0.00%
255	OMSNP0155979	<i>FRMD7</i>	G/A	A0579_b3	fetal brain	female	A0579	A0573	G/G	A	A/G	35.20%	32.40%	33.80%
256	OMSNP0155979	<i>FRMD7</i>	G/A	A0579_b4	fetal brain	female	A0579	A0573	G/G	A	A/G	39.00%	38.50%	38.75%
257	OMSNP0155979	<i>FRMD7</i>	G/A	A0580_p1	EEM	female	A0580	A0578	G/G	A	A/G	NA	43.70%	43.70%
258	OMSNP0155979	<i>FRMD7</i>	G/A	A0580_p5	EEM	male	A0580	A0578	G/G	A	G	100.00%	100.00%	100.00%
259	OMSNP0155979	<i>FRMD7</i>	G/A	A0572_p1	EEM	female	A0572	A0573	A/G	A	A/G	53.00%	47.90%	50.45%
260	OMSNP0155979	<i>FRMD7</i>	G/A	A0572_p3	EEM	male	A0572	A0573	A/G	A	G	100.00%	100.00%	100.00%
261	OMSNP0155979	<i>FRMD7</i>	G/A	A0580_b1	fetal brain	female	A0580	A0578	G/G	A	A/G	37.50%	37.90%	37.70%
262	OMSNP0155979	<i>FRMD7</i>	G/A	A0580_b5	fetal brain	male	A0580	A0578	G/G	A	G	95.30%	96.40%	95.85%
263	OMSNP0155979	<i>FRMD7</i>	G/A	A0572_b1	fetal brain	female	A0572	A0573	A/G	A	A/G	34.80%	37.30%	36.05%
264	OMSNP0155979	<i>FRMD7</i>	G/A	A0572_b3	fetal brain	male	A0572	A0573	A/G	A	G	100.00%	100.00%	100.00%
265	OMSNP0155980	<i>FRMD7</i>	T/C	A0571_p1	EEM	female	A0571	A0578	C/C	C	C/C	NA	9.60%	9.60%
266	OMSNP0155980	<i>FRMD7</i>	T/C	A0571_p4	EEM	female	A0571	A0578	C/C	C	C/C	6.90%	11.70%	9.30%
267	OMSNP0155980	<i>FRMD7</i>	T/C	A0579_p3	EEM	female	A0579	A0573	T/T	C	T/C	53.80%	53.70%	53.75%
268	OMSNP0155980	<i>FRMD7</i>	T/C	A0579_p4	EEM	female	A0579	A0573	T/T	C	T/C	52.80%	55.80%	54.30%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
269	OMSNP0155980	FRMD7	T/C	A0571_b1	fetal brain	female	A0571	A0578	C/C	C	C/C	8.30%	0.00%	4.15%
270	OMSNP0155980	FRMD7	T/C	A0571_b4	fetal brain	female	A0571	A0578	C/C	C	C/C	7.00%	9.50%	8.25%
271	OMSNP0155980	FRMD7	T/C	A0579_b3	fetal brain	female	A0579	A0573	T/T	C	T/C	38.00%	41.80%	39.90%
272	OMSNP0155980	FRMD7	T/C	A0579_b4	fetal brain	female	A0579	A0573	T/T	C	T/C	46.70%	50.00%	48.35%
273	OMSNP0155980	FRMD7	T/C	A0580_p1	EEM	female	A0580	A0578	T/T	C	T/C	51.30%	51.70%	51.50%
274	OMSNP0155980	FRMD7	T/C	A0580_p5	EEM	male	A0580	A0578	T/T	C	T	100.00%	100.00%	100.00%
275	OMSNP0155980	FRMD7	T/C	A0572_p1	EEM	female	A0572	A0573	T/C	C	T/C	49.60%	53.60%	51.60%
276	OMSNP0155980	FRMD7	T/C	A0572_p3	EEM	male	A0572	A0573	T/C	C	T	100.00%	100.00%	100.00%
277	OMSNP0155980	FRMD7	T/C	A0580_b1	fetal brain	female	A0580	A0578	T/T	C	T/C	42.50%	46.30%	44.40%
278	OMSNP0155980	FRMD7	T/C	A0580_b5	fetal brain	male	A0580	A0578	T/T	C	T	100.00%	100.00%	100.00%
279	OMSNP0155980	FRMD7	T/C	A0572_b1	fetal brain	female	A0572	A0573	T/C	C	T/C	40.70%	44.10%	42.40%
280	OMSNP0155980	FRMD7	T/C	A0572_b3	fetal brain	male	A0572	A0573	T/C	C	T	100.00%	100.00%	100.00%
281	OMSNP0154900	PLXNA3	G/A	A0571_p1	EEM	female	A0571	A0578	-	-	G/A	22.60%	22.00%	22.30%
282	OMSNP0154900	PLXNA3	G/A	A0571_p4	EEM	female	A0571	A0578	-	-	G/A	22.60%	20.60%	21.60%
283	OMSNP0154900	PLXNA3	G/A	A0579_p3	EEM	female	A0579	A0573	-	-	G/G	100.00%	100.00%	100.00%
284	OMSNP0154900	PLXNA3	G/A	A0579_p4	EEM	female	A0579	A0573	-	-	G/G	100.00%	100.00%	100.00%
285	OMSNP0154900	PLXNA3	G/A	A0571_b1	fetal brain	female	A0571	A0578	-	-	G/A	32.10%	31.50%	31.80%
286	OMSNP0154900	PLXNA3	G/A	A0571_b4	fetal brain	female	A0571	A0578	-	-	G/A	27.20%	24.80%	26.00%
287	OMSNP0154900	PLXNA3	G/A	A0579_b3	fetal brain	female	A0579	A0573	-	-	G/G	100.00%	100.00%	100.00%
288	OMSNP0154900	PLXNA3	G/A	A0579_b4	fetal brain	female	A0579	A0573	-	-	G/G	100.00%	100.00%	100.00%
289	OMSNP0154900	PLXNA3	G/A	A0580_p1	EEM	female	A0580	A0578	-	-	G/G	100.00%	NA	100.00%
290	OMSNP0154900	PLXNA3	G/A	A0580_p5	EEM	male	A0580	A0578	-	-	G	100.00%	100.00%	100.00%
291	OMSNP0154900	PLXNA3	G/A	A0572_p1	EEM	female	A0572	A0573	-	-	G/G	100.00%	100.00%	100.00%
292	OMSNP0154900	PLXNA3	G/A	A0572_p3	EEM	male	A0572	A0573	-	-	G	100.00%	100.00%	100.00%
293	OMSNP0154900	PLXNA3	G/A	A0580_b1	fetal brain	female	A0580	A0578	-	-	G/G	100.00%	100.00%	100.00%
294	OMSNP0154900	PLXNA3	G/A	A0580_b5	fetal brain	male	A0580	A0578	-	-	G	100.00%	100.00%	100.00%
295	OMSNP0154900	PLXNA3	G/A	A0572_b1	fetal brain	female	A0572	A0573	-	-	G/G	100.00%	100.00%	100.00%
296	OMSNP0154900	PLXNA3	G/A	A0572_b3	fetal brain	male	A0572	A0573	-	-	G	100.00%	100.00%	100.00%
297	OMSNP0154954	IKBKG	C/T	A0571_p1	EEM	female	A0571	A0578	-	-	C/T	80.20%	80.60%	80.40%
298	OMSNP0154954	IKBKG	C/T	A0571_p4	EEM	female	A0571	A0578	-	-	C/T	78.00%	78.40%	78.20%
299	OMSNP0154954	IKBKG	C/T	A0571_b1	fetal brain	female	A0571	A0578	-	-	C/T	78.40%	78.60%	78.50%
300	OMSNP0154954	IKBKG	C/T	A0571_b4	fetal brain	female	A0571	A0578	-	-	C/T	80.10%	81.50%	80.80%
301	OMSNP0154954	IKBKG	C/T	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/T	78.40%	78.00%	78.20%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
302	OMSNP0154954	<i>IKBKG</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	-	-	C	100.00%	100.00%	100.00%
303	OMSNP0154954	<i>IKBKG</i>	C/T	A0572_p1	EEM	female	A0572	A0573	-	-	C/T	73.80%	73.70%	73.75%
304	OMSNP0154954	<i>IKBKG</i>	C/T	A0572_p3	EEM	male	A0572	A0573	-	-	C	100.00%	100.00%	100.00%
305	OMSNP0155301	<i>NUP62CL</i>	C/T	A0579_p3	EEM	female	A0579	A0573	-	-	C/T	74.40%	74.70%	74.55%
306	OMSNP0155301	<i>NUP62CL</i>	C/T	A0579_p4	EEM	female	A0579	A0573	-	-	C/T	71.30%	72.90%	72.10%
307	OMSNP0155301	<i>NUP62CL</i>	C/T	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/T	78.60%	81.40%	80.00%
308	OMSNP0155301	<i>NUP62CL</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	-	-	C/T	84.10%	84.00%	84.05%
309	OMSNP0155301	<i>NUP62CL</i>	C/T	A0580_p1	EEM	female	A0580	A0578	-	-	C/T	NA	76.90%	76.90%
310	OMSNP0155301	<i>NUP62CL</i>	C/T	A0580_p5	EEM	male	A0580	A0578	-	-	C	NA	100.00%	100.00%
311	OMSNP0155301	<i>NUP62CL</i>	C/T	A0580_b1	fetal brain	female	A0580	A0578	-	-	C/T	73.60%	76.40%	75.00%
312	OMSNP0155301	<i>NUP62CL</i>	C/T	A0580_b5	fetal brain	male	A0580	A0578	-	-	C	NA	100.00%	100.00%
313	OMSNP0155431	<i>HCFC1</i>	C/T	A0571_p1	EEM	female	A0571	A0578	-	-	T/C	11.40%	12.00%	11.70%
314	OMSNP0155431	<i>HCFC1</i>	C/T	A0571_p4	EEM	female	A0571	A0578	-	-	T/C	11.20%	11.80%	11.50%
315	OMSNP0155431	<i>HCFC1</i>	C/T	A0579_p3	EEM	female	A0579	A0573	-	-	C/T	68.80%	68.30%	68.55%
316	OMSNP0155431	<i>HCFC1</i>	C/T	A0579_p4	EEM	female	A0579	A0573	-	-	C/T	68.60%	69.50%	69.05%
317	OMSNP0155431	<i>HCFC1</i>	C/T	A0571_b1	fetal brain	female	A0571	A0578	-	-	T/C	18.40%	18.50%	18.45%
318	OMSNP0155431	<i>HCFC1</i>	C/T	A0571_b4	fetal brain	female	A0571	A0578	-	-	T/C	18.40%	22.00%	20.20%
319	OMSNP0155431	<i>HCFC1</i>	C/T	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/T	59.90%	63.10%	61.50%
320	OMSNP0155431	<i>HCFC1</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	-	-	C/T	65.60%	64.10%	64.85%
321	OMSNP0155431	<i>HCFC1</i>	C/T	A0580_p1	EEM	female	A0580	A0578	-	-	C/C	96.70%	96.60%	96.65%
322	OMSNP0155431	<i>HCFC1</i>	C/T	A0580_p5	EEM	male	A0580	A0578	-	-	C	92.90%	89.70%	91.30%
323	OMSNP0155431	<i>HCFC1</i>	C/T	A0572_p1	EEM	female	A0572	A0573	-	-	T/T	0.00%	0.00%	0.00%
324	OMSNP0155431	<i>HCFC1</i>	C/T	A0572_p3	EEM	male	A0572	A0573	-	-	T	0.00%	0.00%	0.00%
325	OMSNP0155431	<i>HCFC1</i>	C/T	A0580_b1	fetal brain	female	A0580	A0578	-	-	C/C	99.10%	98.70%	98.90%
326	OMSNP0155431	<i>HCFC1</i>	C/T	A0580_b5	fetal brain	male	A0580	A0578	-	-	C	100.00%	95.60%	97.80%
327	OMSNP0155431	<i>HCFC1</i>	C/T	A0572_b1	fetal brain	female	A0572	A0573	-	-	T/T	0.00%	0.00%	0.00%
328	OMSNP0155431	<i>HCFC1</i>	C/T	A0572_b3	fetal brain	male	A0572	A0573	-	-	T	0.00%	0.00%	0.00%
329	OMSNP0222738	<i>MECP2</i>	C/T	A0571_p1	EEM	female	A0571	A0578	-	-	T/C	38.40%	41.20%	39.80%
330	OMSNP0222738	<i>MECP2</i>	C/T	A0571_p4	EEM	female	A0571	A0578	-	-	T/C	44.30%	48.10%	46.20%
331	OMSNP0222738	<i>MECP2</i>	C/T	A0579_p3	EEM	female	A0579	A0573	-	-	C/T	68.90%	73.00%	70.95%
332	OMSNP0222738	<i>MECP2</i>	C/T	A0579_p4	EEM	female	A0579	A0573	-	-	C/T	72.10%	72.60%	72.35%
333	OMSNP0222738	<i>MECP2</i>	C/T	A0571_b1	fetal brain	female	A0571	A0578	-	-	T/C	43.40%	42.50%	42.95%
334	OMSNP0222738	<i>MECP2</i>	C/T	A0571_b4	fetal brain	female	A0571	A0578	-	-	T/C	25.30%	25.20%	25.25%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
335	OMSNP0222738	MECP2	C/T	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/T	73.00%	73.40%	73.20%
336	OMSNP0222738	MECP2	C/T	A0579_b4	fetal brain	female	A0579	A0573	-	-	C/T	76.50%	75.50%	76.00%
337	OMSNP0222738	MECP2	C/T	A0580_p1	EEM	female	A0580	A0578	-	-	C/C	100.00%	100.00%	100.00%
338	OMSNP0222738	MECP2	C/T	A0580_p5	EEM	male	A0580	A0578	-	-	C	99.70%	100.00%	99.85%
339	OMSNP0222738	MECP2	C/T	A0572_p1	EEM	female	A0572	A0573	-	-	T/T	0.00%	0.00%	0.00%
340	OMSNP0222738	MECP2	C/T	A0572_p3	EEM	male	A0572	A0573	-	-	T	0.00%	0.00%	0.00%
341	OMSNP0222738	MECP2	C/T	A0580_b1	fetal brain	female	A0580	A0578	-	-	C/C	100.00%	100.00%	100.00%
342	OMSNP0222738	MECP2	C/T	A0580_b5	fetal brain	male	A0580	A0578	-	-	C	100.00%	100.00%	100.00%
343	OMSNP0222738	MECP2	C/T	A0572_b1	fetal brain	female	A0572	A0573	-	-	T/T	0.00%	0.00%	0.00%
344	OMSNP0222738	MECP2	C/T	A0572_b3	fetal brain	male	A0572	A0573	-	-	T	0.00%	0.00%	0.00%
345	OMSNP0156035	PHF6	A/G	A0571_p1	EEM	female	A0571	A0578	-	-	A/G	79.10%	80.90%	80.00%
346	OMSNP0156035	PHF6	A/G	A0571_p4	EEM	female	A0571	A0578	-	-	A/G	80.70%	81.10%	80.90%
347	OMSNP0156035	PHF6	A/G	A0579_p3	EEM	female	A0579	A0573	-	-	G/G	0.00%	0.00%	0.00%
348	OMSNP0156035	PHF6	A/G	A0579_p4	EEM	female	A0579	A0573	-	-	G/G	0.00%	0.00%	0.00%
349	OMSNP0156035	PHF6	A/G	A0571_b1	fetal brain	female	A0571	A0578	-	-	A/G	78.70%	80.10%	79.40%
350	OMSNP0156035	PHF6	A/G	A0571_b4	fetal brain	female	A0571	A0578	-	-	A/G	72.40%	74.80%	73.60%
351	OMSNP0156035	PHF6	A/G	A0579_b3	fetal brain	female	A0579	A0573	-	-	G/G	0.00%	0.00%	0.00%
352	OMSNP0156035	PHF6	A/G	A0579_b4	fetal brain	female	A0579	A0573	-	-	G/G	0.00%	0.00%	0.00%
353	OMSNP0156035	PHF6	A/G	A0580_p1	EEM	female	A0580	A0578	-	-	A/G	75.90%	74.90%	75.40%
354	OMSNP0156035	PHF6	A/G	A0580_p5	EEM	male	A0580	A0578	-	-	A	100.00%	100.00%	100.00%
355	OMSNP0156035	PHF6	A/G	A0572_p1	EEM	female	A0572	A0573	-	-	A/G	73.20%	71.20%	72.20%
356	OMSNP0156035	PHF6	A/G	A0572_p3	EEM	male	A0572	A0573	-	-	A	100.00%	100.00%	100.00%
357	OMSNP0156035	PHF6	A/G	A0580_b1	fetal brain	female	A0580	A0578	-	-	A/G	76.50%	76.40%	76.45%
358	OMSNP0156035	PHF6	A/G	A0580_b5	fetal brain	male	A0580	A0578	-	-	A	100.00%	100.00%	100.00%
359	OMSNP0156035	PHF6	A/G	A0572_b1	fetal brain	female	A0572	A0573	-	-	A/G	74.50%	76.10%	75.30%
360	OMSNP0156035	PHF6	A/G	A0572_b3	fetal brain	male	A0572	A0573	-	-	A	100.00%	100.00%	100.00%
361	chrX_3167321	RPL10	C/T	A0571_p1	EEM	female	A0571	A0578	-	-	C/T	30.40%	23.70%	27.05%
362	chrX_3167321	RPL10	C/T	A0571_p4	EEM	female	A0571	A0578	-	-	C/T	23.20%	25.70%	24.45%
363	chrX_3167321	RPL10	C/T	A0579_p3	EEM	female	A0579	A0573	-	-	C/C	100.00%	100.00%	100.00%
364	chrX_3167321	RPL10	C/T	A0579_p4	EEM	female	A0579	A0573	-	-	C/C	100.00%	100.00%	100.00%
365	chrX_3167321	RPL10	C/T	A0571_b1	fetal brain	female	A0571	A0578	-	-	C/T	24.60%	19.70%	22.15%
366	chrX_3167321	RPL10	C/T	A0571_b4	fetal brain	female	A0571	A0578	-	-	C/T	22.30%	25.40%	23.85%
367	chrX_3167321	RPL10	C/T	A0579_b3	fetal brain	female	A0579	A0573	-	-	C/C	100.00%	100.00%	100.00%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
368	chrX_3167321	<i>RPL10</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	-	-	C/C	100.00%	100.00%	100.00%
369	chrX_3167321	<i>RPL10</i>	C/T	A0580_p1	EEM	female	A0580	A0578	-	-	C/C	100.00%	100.00%	100.00%
370	chrX_3167321	<i>RPL10</i>	C/T	A0580_p5	EEM	male	A0580	A0578	-	-	C	100.00%	100.00%	100.00%
371	chrX_3167321	<i>RPL10</i>	C/T	A0572_p1	EEM	female	A0572	A0573	-	-	C/C	100.00%	100.00%	100.00%
372	chrX_3167321	<i>RPL10</i>	C/T	A0572_p3	EEM	male	A0572	A0573	-	-	C	100.00%	100.00%	100.00%
373	chrX_3167321	<i>RPL10</i>	C/T	A0580_b1	fetal brain	female	A0580	A0578	-	-	C/C	100.00%	100.00%	100.00%
374	chrX_3167321	<i>RPL10</i>	C/T	A0580_b5	fetal brain	male	A0580	A0578	-	-	C	100.00%	100.00%	100.00%
375	chrX_3167321	<i>RPL10</i>	C/T	A0572_b1	fetal brain	female	A0572	A0573	-	-	C/C	100.00%	100.00%	100.00%
376	chrX_3167321	<i>RPL10</i>	C/T	A0572_b3	fetal brain	male	A0572	A0573	-	-	C	100.00%	100.00%	100.00%
377	chr7_27283330	<i>GPM6B</i>	T/C	A0571_p1	EEM	female	A0571	A0578	-	-	T/T	100.00%	100.00%	100.00%
378	chr7_27283330	<i>GPM6B</i>	T/C	A0571_p4	EEM	female	A0571	A0578	-	-	T/C	54.50%	55.90%	55.20%
379	chr7_27283330	<i>GPM6B</i>	T/C	A0579_p3	EEM	female	A0579	A0573	-	-	T/C	63.60%	63.60%	63.60%
380	chr7_27283330	<i>GPM6B</i>	T/C	A0579_p4	EEM	female	A0579	A0573	-	-	T/C	57.70%	58.20%	57.95%
381	chr7_27283330	<i>GPM6B</i>	T/C	A0571_b1	fetal brain	female	A0571	A0578	-	-	T/T	100.00%	100.00%	100.00%
382	chr7_27283330	<i>GPM6B</i>	T/C	A0571_b4	fetal brain	female	A0571	A0578	-	-	T/C	50.70%	51.20%	50.95%
383	chr7_27283330	<i>GPM6B</i>	T/C	A0579_b3	fetal brain	female	A0579	A0573	-	-	T/C	49.20%	48.30%	48.75%
384	chr7_27283330	<i>GPM6B</i>	T/C	A0579_b4	fetal brain	female	A0579	A0573	-	-	T/C	48.90%	49.10%	49.00%
385	chr7_27283330	<i>GPM6B</i>	T/C	A0580_p1	EEM	female	A0580	A0578	-	-	T/T	92.80%	92.70%	92.75%
386	chr7_27283330	<i>GPM6B</i>	T/C	A0580_p5	EEM	male	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
387	chr7_27283330	<i>GPM6B</i>	T/C	A0572_p1	EEM	female	A0572	A0573	-	-	C/C	0.00%	0.00%	0.00%
388	chr7_27283330	<i>GPM6B</i>	T/C	A0572_p3	EEM	male	A0572	A0573	-	-	C/C	3.40%	3.80%	3.60%
389	chr7_27283330	<i>GPM6B</i>	T/C	A0580_b1	fetal brain	female	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
390	chr7_27283330	<i>GPM6B</i>	T/C	A0580_b5	fetal brain	male	A0580	A0578	-	-	T/T	100.00%	100.00%	100.00%
391	chr7_27283330	<i>GPM6B</i>	T/C	A0572_b1	fetal brain	female	A0572	A0573	-	-	C/C	0.00%	0.00%	0.00%
392	chr7_27283330	<i>GPM6B</i>	T/C	A0572_b3	fetal brain	male	A0572	A0573	-	-	C/C	0.00%	0.00%	0.00%
393	OMSNP0222971	<i>HPRT1</i>	C/T	A0571_p1	EEM	female	A0571	A0578	T/T	C	C/T	0.00%	0.00%	0.00%
394	OMSNP0222971	<i>HPRT1</i>	C/T	A0571_p4	EEM	female	A0571	A0578	T/T	C	C/T	0.00%	0.00%	0.00%
395	OMSNP0222971	<i>HPRT1</i>	C/T	A0579_p3	EEM	female	A0579	A0573	C/C	C	C/C	100.00%	100.00%	100.00%
396	OMSNP0222971	<i>HPRT1</i>	C/T	A0579_p4	EEM	female	A0579	A0573	C/C	C	C/C	NA	100.00%	100.00%
397	OMSNP0222971	<i>HPRT1</i>	C/T	A0571_b1	fetal brain	female	A0571	A0578	T/T	C	C/T	0.00%	0.00%	0.00%
398	OMSNP0222971	<i>HPRT1</i>	C/T	A0571_b4	fetal brain	female	A0571	A0578	T/T	C	C/T	0.00%	0.00%	0.00%
399	OMSNP0222971	<i>HPRT1</i>	C/T	A0579_b3	fetal brain	female	A0579	A0573	C/C	C	C/C	100.00%	100.00%	100.00%
400	OMSNP0222971	<i>HPRT1</i>	C/T	A0579_b4	fetal brain	female	A0579	A0573	C/C	C	C/C	99.20%	100.00%	99.60%

No.	SNP_ID	Gene_name	Ref/Alter alleles	Sample ID	Tissue	Sex	mother ID	father ID	mother genotype	father genotype	F1 genotype	Ref_allele%_rep1	Ref_allele%_rep2	average
401	OMSNP0222971	<i>HPRT1</i>	C/T	A0580_p1	EEM	female	A0580	A0578	C/C	C	C/C	NA	100.00%	100.00%
402	OMSNP0222971	<i>HPRT1</i>	C/T	A0580_p5	EEM	male	A0580	A0578	C/C	C	C	100.00%	99.50%	99.75%
403	OMSNP0222971	<i>HPRT1</i>	C/T	A0572_p1	EEM	female	A0572	A0573	C/T	C	T/T	0.00%	0.00%	0.00%
404	OMSNP0222971	<i>HPRT1</i>	C/T	A0572_p3	EEM	male	A0572	A0573	C/T	C	T	0.00%	0.00%	0.00%
405	OMSNP0222971	<i>HPRT1</i>	C/T	A0580_b1	fetal brain	female	A0580	A0578	C/C	C	C/C	100.00%	100.00%	100.00%
406	OMSNP0222971	<i>HPRT1</i>	C/T	A0580_b5	fetal brain	male	A0580	A0578	C/C	C	C	100.00%	100.00%	100.00%
407	OMSNP0222971	<i>HPRT1</i>	C/T	A0572_b1	fetal brain	female	A0572	A0573	C/T	C	T/T	0.00%	0.00%	0.00%
408	OMSNP0222971	<i>HPRT1</i>	C/T	A0572_b3	fetal brain	male	A0572	A0573	C/T	C	T	0.00%	0.00%	0.00%