

Supplementary Table S5: SNP Locations and Primer Sequences for RT-PCR, Genomic PCR, and qRT-PCR Amplicons.

Gene Name	SNP Location	129 Allele	JF1 Allele	RT-PCR Primer (Forward)	RT-PCR Primer (Reverse)	Genomic PCR Primer (Forward)	Genomic PCR Primer (Reverse)
Hdac6	chrX:7524355	A	C	GGCGGACTAGAAAGAGCCT	CCCTTGAAGCCCCACAACATA	CCGGTCTGGCGGACTAGAA	GAAGGGGTGACTGGGGATTG
Wdr13	chrX:7706230	A	G	AGTGGACGCGAGTTTCGG	CCCACCACAGTGAGGTGTGT	TGTTGACTGGCTGGAAGGTG	TCCCACAAATGGCTCCTTGG
Med12	chrX:98488083	A	G	AGGTTCACCAACTGTTGCCA	GCTGCTGCCGGTATACAGAT	CCATCAACAGCACCAGTGC	CTTTTTGCGCTCCTCAGTGC
Pgk1	chrX:103393283	C	T	GAAGGGAAGGGAAAAGATGC	TGTGCCAATCTCCATGTTGT	CCATGGTGGGTGTGAATCTGC	TAAACTGTCCTCAGTTACCCCAT
Wbp5	chrX:132780961	T	C	TTTGTACCGCACCAAGGCTAA	GCTTCGGTTAGCCTTCCAAC	TCATTGCATTCCCGTATTCTGC	GGATGGCTTCGGTTAGCCTT
Rnf128	chrX:136199996	G	A	TGTGGACCCGTGGCTTTTAG	TAAGCACCTGGAGACAAACCC	TGGTAAAGCCAATTCCTACCCC	GCATAGCCAGATGTGTGGTC
C330007P06Rik	chrX:34403690	G	A	GGAGCTATGCCGAAAGTCGT	GCTTCCAATTCAGCCAATCC	CCGCAACCCAACAGTGAACATA	TGGTAATTCTCCTTCCAGGAGTG
Atp11c	chrX:57496031	G	A	TGAAAGGCAGCCCCATAACA	AAGATTCGGATTCTGGCACT	TGCCATGCCCATGGAAAAATG	GCCCACTTTTCTTGTTTCCTTAC
Fam3a	chrX:71638049	A	G	TCCCTACACCCAGACAACA	TCATTGACATCTCCAGCCAC	ACAAACCAGTGACCACCCAG	CTCACGAGGAAGTGCCTG
Rlim	chrX:101159081	C	T	GAGCCCCGATGAAAATAGAGC	GGTCGGCACTTCTGTTACTGC	GCTCTGGTTCTCCGATGCTC	TGAACCATCCACTAGGCGTC
Atrx	chrX:103042079	G	A	GGGATTGCTGCTGTGAGTCT	CCACCATCTTCTTGCCATCT	CTGAATCTCCCTCCACAGCC	GGGATTGCTGCTGTGAGTCT
Pdha1	chrX:156562514	G	A	GGGACGTCTGTTGAGAGAGC	GCACTTCAAAGGGAGGATCA	TAGCCCTGTGAGCCTTCAGA	GCTACCGCACTCGAGAAGAA

Gene Name	qRT-PCR Primer (Forward)	qRT-PCR Primer (Reverse)
Xist	CAAGAAGAAGGATTGCCTGGATT	GCGAGGACTTGAAGAGAAGTTCTG
Tsix	CCTGCAAGCGCTACACACTT	GGAGAGCGCATGCTTGCAAT
TBP	TTCAGAGGATGCTCTAGGAAGA	CTGTGGAGTAAGTCCTGTGCC