

Supplementary table 2: Primer list.

Gene name	Primer	Sequence
RT-PCR primers		
UDP glycosyltransferase 2 family, polypeptide	Forward	5-CGCAGAGTACAGCCCTTGGAT-3
	Reverse	5-GCATCGTGATATTCTCCAACCTC-3
I (3) mbt like 2	Forward	5-AGAAGGCGGTTGGTTTGAGGAA-3
	Reverse	5-GGAAGATGGCGTGGGAAGA-3
cAMP responsive element binding protein 3-like 2	Forward	5-ACTCGTTCGGTCTGTCACTCTG-3
	Reverse	5-CTCGGAGGGGTGGGCGGCAAAT-3
hypotetical protein FLJ30707	Forward	5-TGCGCTTCACCGTCTACTGT-3
	Reverse	5-AGCTCGCCTATGTCCCTCACTC-3
spermatogenesis associated 13 (SPATA13)	Forward	5-TGAAGACCAGAATGCTCCAGTG-3
	Reverse	5-GAGAATGTGAAGGGCCGGAACC-3
eukaryotic translation elongation factor 1 epsilon 1	Forward	5-ACCAGGCCAAATCAGTGCTC-3
	Reverse	5-CAGAGGAGGCCAGTCAGAGAAG-3
START domain containing 9	Forward	5-AAACTTTACTAGAACCCGAATG-3
	Reverse	5-GTTTCCGTATTGGGCAGAGATT-3
protocadherin 11 X-linked	Forward	5-ACCCCATGAAAGAGTCTACAA-3
	Reverse	5-AGTTGCCATCCCCTTCAGTGCG-3
COMM domain containing 3	Forward	5-CTCCAACGCCTTCACGCTTCTC-3
	Reverse	5-AGTTCTATTCGCTCTCTGTCAA-3
H19, imprinted maternally expressed untranslated mRNA (H19)	Forward	5-AGC GGG TCT GTT TCT TTA CTT C-3
	Reverse	5-TCACCTTCCAGAGCCGATTCCT-3
EMI domain containing 2	Forward	5-CGGGAGCAACTGTGATGAGGAA-3
	Reverse	5-CGTGGGCCTTCTCTGTCTGTG-3
naked cuticle homolog (NKD)	Forward	5-CAGCCAGAGCAAGAGGAGCGTC-3
	Reverse	5-CCGGCGAGATCTAAGTAGTGGT-3
chromosome 10 open reading frame 11	Forward	5-ACCCTCAACAAGAACCGAATCA-3
	Reverse	5-CTCTGACCAACGCCTCCTCT-3
calcium channel L-type alpha 1B subunit	Forward	5-GTAACAGAGATTGCGGAAACGA-3
	Reverse	5-GGTGTCATCATCCAGGGCAATA-3
astrotactin	Forward	5-AAAGCGGATCAACAACAAAGCA-3
	Reverse	5-TGCAGGGTGATCTTGACAACGA-3
putative nuclear protein ORF1-FL49	Forward	5-ACTTATCCACCACAACCAAT -3
	Reverse	5-CAGGTGAGCATGTCCCAGAG-3
adenosine deaminase RNA specific B1	Forward	5-ACCAGCAGATAGACACCCAAAT-3
	Reverse	5-AAGGCTGCCAGGATGATGCTC-3
plasminogen like	Forward	5-AGAGCCCCTGGATGACTATGTG-3
	Reverse	5-AATAAACTGCATCTCTCATCC-3
cytoplasmic polyadenylation element bp 4	Forward	5-CCTTGAATCTCAGTGACAG-3
	Reverse	5-TCCACCCGTTTATCTATCTCTC-3
protein tyrosine phosphatase, receptor type, M	Forward	5-GGTCAAATCTCGGCAAATC-3
	Reverse	5-TATGAGTTCTTGGCTTTCCTTC-3
RNA binding motif single strand interacting protein	Forward	5-ATTATCTCAAACCAAGCAGTC-3
	Reverse	5-CCATAACCTTTCGACTGATTTG-3

CUB and sushi multiple domains1	Forward	5-TGGCAGAATTATTTGATGGAAC-3
	Reverse	5-TCGGGGACAGAGCTGCATTGGG-3
fibroblast growth factor 12	Forward	5-CGAGCTTGGTTTCTGGGACT-3
	Reverse	5-ATTCACAACCTTTGCCTCCATT -3
glutamate receptor ionotropic kainate 2	Forward	5-AGCCTTCCGCAACCTAA-3
	Reverse	5-CTTCACTCCAGTAGCCAATCTT-3
glutamate receptor ionotropic kainate 4	Forward	5-TCGTGTCCGCAAATCCAAG-3
	Reverse	5-CCGCCAACCCAGAATGTAGAAGA-3
phosphodiesterase 8B	Forward	5-GGTGATCCTCGCAGTGGTTT-3
	Reverse	5-CGTGGTCATCGCTTGTATTTC-3
solute carrier family 19 member 1	Forward	5-CGCATCGCCTATTCTCCTACA-3
	Reverse	5-TCGCGGTTGAAGAAGAGGCTGC-3
calbindin 2,29kDa	Forward	5-TGGAAGCACTTTGACGCAGAC -3
	Reverse	5-AGTTCTCTTCGGTTGGCAGGAT-3
oligodendrocyte lineage transcription factor 2	Forward	5-CGTCCAGCACCTCGTCGTCT-3
	Reverse	5-CCAGTCGCTTCATCTCCTCCAG-3
single-stranded DNA binding protein 2	Forward	5-GTCCCAGGAAGTCAGCCATTAC-3
	Reverse	5-CACCTGGACCCATGTTTCATT-3
fem-1 homolog b	Forward	5-TGACTCTGGCCGCCTTGCTTCT-3
	Reverse	5-TGGCACCATCAATGACATACCC-3
retinal outer segment membrane protein 1	Forward	5-TGGCGTCATCCTCCTCTGTAGT-3
	Reverse	5-CATCCAGACTCCCAGGCAAAGC-3
solute carrier family 4	Forward	5-TTTGCCACATAGAACAGGAACC-3
	Reverse	5-CCGCAAACAAGGAATAAGCAA-3
killer cell lectin-like receptor subfamily C (NKG2E)	Forward	5-GCCAGCATTTTACCTTCCTCAT-3
	Reverse	5-AACATGATGAAACCCCGTCTAA-3
cat eye syndrome chromosome region candidate 6 (CECR6)	Forward	5-ACAGTCGGTGTGGAATGTC-3
	Reverse	5-AGAAGGGGAGAAGGGGAAACA-3
ChIP primers		
cat eye syndrome chromosome region candidate 6 (CECR6)	Forward	5-TGATAAATGCTAGTGAGGTGCC-3
	Reverse	5-AGAACCGCCTGCTCCTAACAAAT-3
naked cuticle homolog (NKD)	Forward	5-GGGTCAGGACGAGTGTTTTCTT-3
	Reverse	5-ACCCCGGACCAAATTTTCAGTTA-3
killer cell lectin-like receptor subfamily C (NKG2)	Forward	5'-AGCCACCCAAAGTCTCCTAT-3'
	Reverse	5'-TTCAGTGGAGAGGTCAGGTT-3'
H19, imprinted maternally expressed untranslated mRNA (H19)	Forward	5'-GACACGTCCCCCTTCTCTCCGA-3'
	Reverse	5'-TTCGTCCCGCTTGCCCCACAGA-3'
lethal giant larve homolog 2 (LLGL2)	Forward	5'-AGGTGTTACGCTGCCCAAGGT-3'
	Reverse	5'-CCCGGCGGATGCAGCTGTAG-3'
spermatogenesis associated 13 (SPATA13)	Forward	5'-AGCCATGTCCTACTTCTCTCCC-3'
	Reverse	5'-CAGCACACGTGGCCACCTCCTT-3'