

Supplemental Table 6. Primer sequences

Locus	Primer 1	Primer 2
<u>Quantitative Real-Time PCR primers</u>		
<i>GAPDH</i>	CCCGTCCTTGACTCCCTAGTG	TCTTGAGGCCTGAGCTACGTG
<i>RPS18</i>	CCAAAATGTGGAGTGAAGTTGA	ACCCGTGATATTACCTGTTTGG
<i>RPL19</i>	AATAAAACATCCACCCACAACC	GTTCCCAATCACGTGGTTATCT
<i>Sat2</i>	CATCGATGGAAATGAAAGGAGTC	ACCATTGGATGATTGCAGTCAA
<i>GAGE5</i>	ATTTCTGTTTTCGCAGGTGGTT	TCTGCTGTTTTCTATGCCTCTG
<i>HIST1H2BA</i>	ACTCTCCTTACGGGTCTCTTTG	AGTGCTGTGTAACCCCTGGAAAA
<i>GM_DH5</i>	TAGCGTCTCCATCAGCACAC	AAAAGCAAAGCGGTCAAAGA
<i>GM_DH13</i>	CCTCTAACCCCAATCCCAAT	GCATCATGGCTCTGAGTTGA
<i>GM_DH19</i>	AACAAAAGACAGCCCCACAC	GCCAGGCATTTCCATTTCTA
<i>GM_DH26</i>	ATCAGGGTGATTGCAGTTCC	CGCTCAACACCCCTAAATA
<i>GM_DH42</i>	CTCTCAGTCCTCTGGCTGCT	AGACTGAGACCCAGCCATCA
<i>GM_DH51</i>	TCCAGAAGATCCCAATCAGG	GGCAGCCATCATTAGAGGAA
<i>GM_DH53</i>	GCTCGCCAATCTGTCTCACT	TGCACATGCTATGCTCTGGT
<i>GM_DH55</i>	CAAGGTAGGCTTTGGAGTGG	GCTTGCTTTTGGATTTTGCT
<i>GM_DH56</i>	CAGCAGTCGGAGAACATCTG	CCAAGTGCACCGACTAGAAA
<i>GM_DH68</i>	GTGGTTCCATCCTCTGTGTG	TTTCCAGTCCCTAAAATGC
<i>GM_DH70</i>	AATTAGGGGAAGGGCTGAAA	CCGGCATTGGATAAAGAGAA
<i>GM_DH71</i>	CTGCGGAACAATTCACACCT	GGGTCCTGCTCCAAGAAAAC
<i>GM_DH76</i>	TTTCAGCTCCTCCACCTCAC	AGTGACCATGCCTTGATGCT
<i>GM_DH79</i>	TTCACGGGAGATTTTCATTCA	TCCACAGGCTCTCAACACTC
<i>GM_DH90</i>	TGTTGGGCTTTCTGTGAACC	GCAGGGGCTCTTCCACTACT
<u>Sequencing primers</u>		
<i>MEST</i>	TTAGACTCCGGCTTCCCTCT	TCACTCGCGCTTGTTACTGA
<i>GNAS</i>	GACTAAACGGGATCGCAACT	TCGCTCTGGGTATCTTAGGG
<u>Bisulfite Sequencing primers</u>		
<i>SNRPN</i>		
1 st round	TGATTGATAGGTTAGGTGATGTTTG	TCCTTACCACTACACCCTAAAAAAA
2 nd round	GGGAATTAGGTTTTGGAAGTTAT	ACAACAAAACCTAAACACACACCAC
<i>KCNQ1</i>		
1 st round	TGTTTTTAATGAGGTTTTATTTAAA	ATAAAAATTAATAATCCATATTATAATTTT
2 nd round	TTAATTTAGGTAAATTTTATGTTAGGATGT	CCATATTATAATTTTAAATCAAACCC
<u>Pyrosequencing primers</u>		
<i>SERPINB10</i>	/5Biosg/GCAAACCAGTGCAAATGATG	CAGCCCATTAATGTCTTCTGG
<i>PDIA3</i>	/5Biosg/TTTCCACCAGATTGAGAACC	GGACCCAGTCAGTCTACAGC
<i>SNX27</i>	/5Biosg/ATGAGCCACTGTGTCCTTCC	TGCCGTAGTTATGGGTGGTT
<i>GCC1</i>	TGCAGCTGAACAGATGGAAG	/5Biosg/TGCTGTAACCTGAGCCTGGAA