

**Table S3: Primers used for RT-qPCR**

Transcript	Primers	
<i>HPRT</i>	F: CAGGCCAGACTTTGTTGGAT	R: TTGCGCTCATCTTAGGCTTT
<i>Sstr3</i>	F: ATCCCTTGAAGCTGGCAGT	R: CAGGGTCCAAGGTCGTAGG
<i>C1qtnf6</i>	F: GGGGTCTGTGAGTTGAGCTT	R:GACCCCAAACACAAGAGGAA
<i>Vim</i>	F: GGAAAGTGGAAATCCTTGACAG	R: TGGACATGCTGTTCCCTGAAT
<i>Gm4983</i>	F: ACACTTGGGAAACCCATCAT	R: GAAGGATCCAGCAAATTCCA
<i>Asap2</i>	F: TGGACCGGATGGTTCTCTAC	R: GCCTGGGTGTACTGTTCCCTC
<i>Pp2r5c Total</i>	F: TGATCACGGAGCCCATTAC	R: ATTGGAGGAAGGTGGCAAG
<i>Ppp2r5c variant1</i>	F: AGCCAAAGCGAATCCCCAGTATGC R:CAGACGCTAGCGCCCGTCCT	
<i>Ppp2r5c variant 2</i>	F: AGCGAATCCCCAGGCACAGA	R:AGCTGAGGCGGACGTGCATT
<i>Ppp2r5c variant 4</i>	F: ACCAAAACCGGTGAAAAGTG	R: CTGGACAACCGTGAGGCTAT
<i>Rnf149</i>	F: TCTACAACCTGGAGAGCAACG	R:CCGTCCTTTTGGGTAGCTAAT
<i>Creg2</i>	F: ACTGTGTCCACCCACGAAAA	R: GATCCCTGTGCTGTTGTGGA
<i>Klf16</i>	F: CTTCGCACCTCAAGTCACAC	R: GGGCGAACTTCTTGTACACAG
<i>Tacc2</i>	F: AAAGCGGTCTCCTCTGTCTG	R: TGGACCACTGTAGAGATGGC
<i>Cclb2</i>	F: GGGGGCATATGGATCTCTCT	R:AACAGTCGTAAAAAGGCACCA
<i>Gbp2</i>	F: ACCCTGGTTCTGCTTGACAC	R: TCCAGCAGTCATTCTGGTTG
<i>Rn45S</i>	F: ATGCCCTTGGAAGAGAACCT	R: GGGAAACCAGAAGACCAACA
<i>Kcnj11</i>	F: CCCACCCATTCTCTGTCTGT	R: ACGATGTCTGGTGGATGTCA
<i>Vrk1</i>	F: CAGAGGGCTGCTAAACCAGA	R:CCCCAATACTTAGGAACACCAA
<i>Kcnip1</i>	F: TTGTACCGGGGATTCAAAAA	R: CTCCGTGAGGGAAAAACTGA
<i>Kcnmb1</i>	F: GCGAGTGGAGAGAAACCATC	R: CCACTGGAGGCAACAGTCAT
<i>Lcp2</i>	F: GCCTGGAACCTCAGACAACCT	R: AAACCGAGCACCATCAATGT
<i>Siah3</i>	F: CTGGGGCAACTTGTCTGTGTG	R: CTACCTTGCTCTGCGGAGTT
<i>Speer4a</i>	F: GCAGGAGTTCAAGAAGGAGAAA	R: GCTGCAATATCGCCAACCTTT
<i>Gm10471</i>	F: CGTTTGGTGGAGTTGAACCT	R: CCAGCTCTCTTGCAGCTTCT
<i>Tfap2c</i>	F: GAGATGGCTCACCCCATAGA	R: GGTCCTTTGCGAATGACAGT
<i>Bmp7</i>	F: TGGTCATGAGCTTCGTCAAC	R: TGGAAAGATCAAACCGGAAC
<i>Tbc1d30</i>	F: TCTGGGACTCCGTGTTCTTC	R:TCTGCTGTCTCGCAACATTC
<i>Wif1</i>	F: GAGTGTCCGGATGGGTTCTA	R: GAAGCCAGGAGTGACACACA
<i>Vmn1r66</i>	F: GCCATCACCATCAGTCACAG	R: TGGACAAAACCCAGAGAAGG
<i>Vmn2r52</i>	F: ACAGGACCCGATATGACCAC	R: TGGAAGTGTAAAGGTCCGTATG
<i>SnoRNA202</i>	Taqman mouse SnoRNA202 assay Cat. # 4427975	
<i>MiR715</i>	Taqman mmu-miR-715 assay. Cat. # 4427975	

All primers were used at 400nM with an annealing temperature of 60°C.