**Table S1 Primers for qRT-PCR**

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| Chuk-F | AGAACTCGGTCCTGACTC |
| Chuk-R | GGGAAAGAGGCAGAAAGAA |
| Hnrnpdl -F | AAGCAGATACCATCAGATAGG |
| Hnrnpdl -R | CTAGCACCACCTCTTCCA |
| Itga2 -F | CTGCTGAGGACGATGATG |
| Itga2 -R | CACTAAACGGAAGACAGGAT |
| Kitlg -F | TTAGGCAGTTAGGTGTAGGT |
| Kitlg -R | AACAGCAAGGACTTCTCATT |
| Pak2 -F | CGCAGTACTATGGTTGGAA |
| Pak2 -R | TGAGGTATGGAGGCTCTC |
| Rock1 -F | TGACTGACAGGCATTTCC |
| Rock1 -R | AAGCACACTGAGGATTGTT |
| Rock2 -F | TTGGATGCTGTTCGTGTAT |
| Rock2 -R | TTCTCTATGGTCATGTGGTT |
| Tnc -F | GGACTGGTTGTATTGATGCT |
| Tnc -R | TTGCGGAGATGAAACTAAGA |
| Xiap -F | AGGAAGTAGATAGGAGAATGTC |
| Xiap -R | TGTGAGTGTAAGTGGATACC |
| Lsp1-M-F | AGCTGTTGAGGCTCACAACT |
| Lsp1-AS-F:  | CAAGAACCAGGCTCACAACT |
| Lsp1-M/AS-R:  | CTGGCTGTTCCAGGAAATGG  |
| Kcnn4-M/AS-F:  | ACTGGCATCGGACTCATGGTG |
| Kcnn4-AS-R | TACAGCACCCACTTGCAACCC |
| Kcnn4-M -R:  | CATTGACAGCCTTGCAACCC |
| Eif5a -M/AS-F |  GCTGAGCACTGCATTGGGAAGG |
| Eif5a -AS-R | TCATCCCGCAGTTGGAATCGA |
| Eif5a -M -R | CCAGCCAGATTTGGAATCGA |
| Commd1-M/AS-F | TGGCAAAGGCACCCACGGAACA |
| Commd1-AS-R |  GAAGTGGACGTCCATCTTTC |
| Commd1-M -R | ATTCAAATACTCCATCTTT |
| Git2-M/AS-F | TGACCAGCCAGACTATGACA |
| Git2-AS-R | AGAGTTTGAAGCTTCTGCCGGT |
| Git2-M -R | GAATCTAGGCCTTCTGCCGGT |
| Myo9b -M/AS-F | TCTGACGAGGAGAACCTTGACT |
| Myo9b -AS-R | GTGTCTTCACCTTCTGCGGC |
| Myo9b -M -R | TGCGGGGGGCCCTTCTGCGGC |
| Sp140-M/AS-F | GAGCACAACAACCCACAAGT |
| Sp140 -AS-R | TTCTTTTTTCCTCCTTGACT |
| Sp140 -M -R | AGTGTCCATGCTCCTTGACT |