

Supplemental Table S4. The primer sequences of genes that directly connect *Tnni3k* in the PPI network and have significant expression difference between B and D alleles.

Gene	Forward (5'-3')	Reverse (5'-3')
<i>Acvr1b</i>	TCATGATGCGGTCACCTGACACC	TCTTTCCCATCACTCGCAAGGC
<i>Acvr2b</i>	GGCTGCGTTTGGAAGCTC	GCAACAAGTTTTCTGTGCTTCA
<i>Bmp7</i>	CGAGACCTTCCAGATCACAGT	CAGCAAGAAGAGGTCCGACT
<i>Bmpr2</i>	GATATGCAGGTTCTTGTGTCCA	TAGCAGTTGACATTGGGTTGAC
<i>Chrd</i>	CAGTGACACAGAAGATTCCT	TTTGAAGGACATCACAGCTC
<i>Nodal</i>	CCTGGAGCGCATTTGGATG	ACTTTTCTGCTCGACTGGACA
<i>Smad7</i>	GAGTCTCCCCCTCCTCCTTA	CAGGCTCCAGAAGAAGTTGG
<i>Tgfb3</i>	ATCAAGAAGAAGAGGGTGGAAGCC	CTCCACTGAGGACACATTGAAACG
<i>Slc2a1</i>	CCATGTATGTGGGAGAGGTGT	TTGCCCATGATGGAGTCTAAG
<i>Ppp1cb</i>	AATATGGAGGTTTTCCACCAGAAG	ATTGATGCTAGCACACTCATGGTT
<i>Prked</i>	CTTTGGCAAGGTGCTGCTG	TACCATGGTGGAGAAGCGG
<i>Irs1</i>	TCCCAAACAGAAGGAGGATG	CATTCCGAGGAGAGCTTTTG
<i>Nfkb1</i>	GCTGCCAAAGAAGGACACGACA	GGCAGGCTATTGCTCATCACAG
<i>Creb5</i>	TGTGCCTCCTTGAAACAAGCCATT	ACCAGCATATGCCCAGACTG
<i>Gnas</i>	CTGCCATCATCTTCGTGGTG	GATTTGCCAGCGAGGACTTT
<i>Jak2</i>	TGAAGCAGATAGAGCCAGTCC	TTGGGTGGGTACCAGATCCT