***Supplementary Material***

**Supplementary Table 1**: qPCR primers utilized in this study.

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| --- | --- |
| **Gene** | **Sequence (5’🡪3’)** |
| CHRM2 | *Forward*: GGCCCCAGCCATTCTCTTCT |
| *Reverse*: TGGTTGGCCACTGGTTCCTT |
| GAPDH | *Forward*: TGCATCCTGCACCACCAACT |
| *Reverse*: CTTGGCAGCACCAGTGGATG |
| ADRB1 | *Forward*: GACTTCCGCAAGGCTTTCCA |
| *Reverse*: GTCCAGGCTCGAATCGCTGT |
| ADRB2 | *Forward*: TTCTACGTGCCCCTGGTGGT |
| *Reverse*: GCAGCCAGCAGAGGGTGAAT |
| CaV1.2 | *Forward*: GGAGAGTCCAGCGAGAAACTCAA |
| *Reverse*: CGGCGTTCTCCATCTCCTCTATT |
| NCX1 | *Forward*: GGCTGGGCCTGCTTCATTGT |
| *Reverse*: TTTCTGGCCTCCGCCGATAC |
| CASQ2 | *Forward*: GACCGAGTGGTCAGCCTTTC |
| *Reverse*: ACAGGTTCGTGGTAATAGAGACA |
| PKAR1a | *Forward*: GAGCCGGGGGATGAGTTCTT |
| *Reverse*: GCCCGAGGACGATTCATCAG |
| RyR2 | *Forward*: CCCTTGGGATGCATGAGACA |
| *Reverse*: AGCTGCGGCCACGTCTAAAG |
| SERCA2 | *Forward*: CCCGCTGTTTTGCTCGAGTT |
| *Reverse*: GTAGATGGCTCGCCCCTCCT |
| PLN | *Forward*: TGACGATCACCGAAGCCAAG |
| *Reverse*: CGTGCTTGCTGAGGCATTTC |
| KV4.3 | *Forward*: ACCTGCTGCTCCCGTCGTAG |
| *Reverse*: GGCCGTGGTAATCTGGGATG |