**Table S1**: Sequences of upstream and downstream oligonucleotide primers

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| --- | --- |
| **Gene** | **Primers sequences** |
| **GAPDH**  Sense  Antisense | 5'-CGGAGATGACCCTTTTG-3'  5'-GGTGCTGAGTATGTCGTGGA-3' |
| **IP3Rs**  Sense  Antisense | 5’- CTTCGCCAGGAACAGGAAACCCAC -3’  5’- CTCAGCTCGGGACGCGGCAG -3’ |
| **CXCR4**  Sense  Antisense | 5’- TAC-GCC-TTC-CTC-GGG-GCC-AA -3’  5’-CGG-AAG-AGT-GTC-CAC-CCC-GT -3’ |
| **RyRs**  Sense  Antisense | 5’- GTCACAGGATCCCAACGCAGCA -3’  5’- CCCGCGGTCATGCAGTCTGG -3’ |