**Supplementary File 5:** Sequence of primers used and gene targets

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| **Primer details** | **Primer sequence** |
|  | **Forward** | **Reverse** |
| Ex36 *Ryr1*  | Genotyping | TGCTGGCTTCAGAGTGAT CG | CGAGGGAAGTTGAGGTTGGG |
| Ex91 *Ryr1* | Genotyping | GAGATGTTCGTGAGTTTCTGCGAGG | TGAGGGTTGTTCTTGGTGTATTTGG |
| *Ryr1*  | qPCR | CGCCAAAACGGAGAGAAAGTC | TTGATGGTGGTCGTGTTCCC |
| *Cacna1s* | qPCR | TCAGCATCGTGGAATGGAAAC | GTTCAGAGTGTTGTTGTC |
| *Hdac4* | qPCR | CACTGCATTTCCAGCGATCC | AAGACGGGGTGGTTGTAGGA |
| *Gapdh* | qPCR | CTGCACCACCAACTGCTTAGC | GGCATGGACTGTGGTCATGAG |