Supplementary Table S1. Primer sequences used to investigate Myosin Heavy Chain mRNA expression in the present study.

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| mRNA of interest | Primer sequence 5’-3’ | Reference number | Product length |
| *Myh1* | F: CGCTTTGGTAAGTTCATCAG  R: TAGATCCGGCTTCTTGTTAG | NM\_030679.1 | 165 |
| *Myh2* | F: CAGTTCATGCTAACAGACAG  R: TTGTTGCAAAGTACTGGATG | NM\_001039545.2 | 106 |
| *Myh3* | F: CATATCAGAGTGAGGAGGAC  R: CTTGTAGGACTTGACTTTCAC | NM\_001099635.1 | 86 |
| *Myh4* | F: TCAAATTATCAGTGCCAACC  R: ACTTCTCTAGCAGATAGGTTTC | NM\_010855.3 | 158 |
| *Myh7* | F: GATGATCTATACCTACTCGGG  R: TGATGAGGATGGACTGATTC | NM\_080728.2 | 194 |
| *Myh8* | F: TGGATGATCTATACCTACTCAG  R: TTGTCAGAGATGGAGAAGATG | NM\_177369.3 | 146 |

*Myh1* = MyHC IIx; *Myh2* = MyHC IIa; *Myh3* = MyHC Embryonic; *Myh4* = MyHC IIb; *Myh7* = MyHC I; *Myh8* = MyHC Neonatal.