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| Table S2. Nucleotide sequence of primers used in the present study |
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| Table S2A. Nucleotide sequence of primers used for RT-PCR |
| Primer name | Sequence |
| MYH1\_exon29\_Forward | GAAAGCAGTCCTACACCCAGCAAG |
| MYH2\_exon29\_Forward | GGAAGCTGTCCTACACACAGCAGG |
| MYH5\_exon29\_Forward | TAAAACAGTGCAACAGCCAACAAA |
| MYH1\_exon31\_Forward | GTCTGCAGGGTGAAGTGGAG |
| MYH2\_exon31\_Forward | GTCTGCTGGGTGAAGTGGAG |
| MYH5\_exon31\_Forward | GTCTGCAAGCGGAGATCGAA |
| MYH1\_exon33\_Reverse | TGTTCTTCTCAAGCTCGTGCAGGC |
| MYH2\_exon33\_Reverse | GGCTCTTCTCCACCTCGTGCAGGG |
| MYH5\_exon33\_Reverse | TGTACTTGTCCAGCTCGTGTACAT |
| LjCA1\_Forward | ACTCTGGTGACGGCGTGTCG |
| LjCA1\_Reverse | GTTGAAGGTGGTCTCGTGAATG |
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| Table S2B. Nucleotide sequence of primers for amplification of the 5'-flanking region of *MYH*s |
| Primer name | Sequence |
| MYH1\_5k\_SacII\_Forward | ATGCGCCCGCGGCCATTGTGCCTCTGATGTCGTGC |
| MYH1\_SacII\_Reverse | ATGCGCCCGCGGCTTGCCTGGTTTCTAGGCGTG |
| MYH2\_5k\_BamHI\_Forward | CGCGGATCCCACAGCTGTTTTATTGCCAGAAAG |
| MYH2\_BamHI\_Reverse | CGCGGATCCCTTGCCTGGTCTTTAGGTGT |
| MYH5\_5k\_BamHI\_Forward | CGCGGATCCAAGGTATCGAACTACCGTAGAG |
| MYH5\_BamHI\_Reverse | CGCGGATCCGTTTGGCTGGCGATCCCTCAC |
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| Table S2C. Nucleotide sequence of primers to remove unnecessary regions for reporter gene expression |
| Primer name | Sequence |
| MYH1\_2k\_Forward | GCAGCAAACTACTGCATAACCATCC |
| MYH1\_3k\_Forward | CCGCAGGCTACGAATTAAAGTTGTT |
| MYH1\_5k\_SacII\_Forward | ATGCGCCCGCGGCCATTGTGCCTCTGATGTCGTGC |
| MYH2\_2k\_Forward | CCTGTTTCCAAAACGTCCAAAAAGT |
| MYH2\_3k\_Forward | GACGGGCTAAGGATTGAAACGTAAC |
| MYH2\_5k\_BamHI\_Forward | CGCGGATCCCACAGCTGTTTTATTGCCAGAAAG |
| MYH5\_2k\_Forward | CTTTCAAAGGCAGCAGACAACCTAC |
| MYH5\_3k\_Forward | ATCAGCTCAGACCGAGGAGAAATTA |
| MYH5\_5k\_BamHI\_Forward | CGCGGATCCAAGGTATCGAACTACCGTAGAG |
| f1\_origin\_Reverse | CCTGATAGACGGTTTTTCGCCCTTT |
|  |
| Table S2D. Nucleotide sequence of primers for amplification of the 5'-flanking region of *MYH*s |
| Primer name | Sequence |
| pGL3\_infusion\_Forward | AGCTTGGCATTCCGGTACTG |
| pGL3\_infusion\_Reverse | CTAGCACGCGTAAGAGCTCG |
| MYH2\_3k\_infusion\_pGL3\_Forward | TCTTACGCGTGCTAGCCTGCATATAAGGCGTGCAAGTG |
| MYH2\_infusion\_pGL3\_Reverse | CCGGAATGCCAAGCTTCTTGCCTGGTCTTTAGGTGT |
| MYH1\_3k\_infusion\_pGL3\_Forward | TCTTACGCGTGCTAGCAAACTACGTGGCCAGGAATCG |
| MYH1\_infusion\_pGL3\_Reverse | CCGGAATGCCAAGCTTCTTGCCTGGTTTCTAGGCGTG |
| Myhz2\_3k\_infusion\_pGL3\_Forward | TCTTACGCGTGCTAGCATAAGCTTGCCATCAAGATCAGG |
| Myhz2\_infusion\_pGL3\_Reverse | CCGGAATGCCAAGCTTGGTGGCGGCTTACTAAAGAAAG |
| Myhc4\_3k\_infusion\_pGL3\_Forward | TCTTACGCGTGCTAGCTAGGTTGCTGCAATCAAGTTGTG |
| Myhc4\_infusion\_pGL3\_Reverse | CCGGAATGCCAAGCTTGGTGGCGGCTTGGTGGAAATC |
| MYHIIdx\_2.8k\_infusion\_pGL3\_Forward | TCTTACGCGTGCTAGCTGTGGGTCACACAGTCCCTTG |
| MYHIIdx\_infusion\_pGL3\_Reverse | CCGGAATGCCAAGCTTGGCTGCGGGCTATTGGTTGC |