

RefSeq	Gene name	Symbol	Primer sequence
NM_017184.1	Troponin I type 1 (skeletal, slow), mRNA	<i>Tnni1</i>	Forward GAAGACACAGAAAAGGAGCGG Reverse GAAGAGCACTCTAAGCACCTCT
NM_017185.1	Troponin I type 2 (skeletal, fast), mRNA	<i>Tnni2</i>	Forward GGAGATGAGGAGAAGCGCAA Reverse GCGATCTGGAGCATCACT
NM_017240.2	Myosin, heavy chain 7, cardiac muscle, beta (MHC1), mRNA	<i>Myh7</i>	Forward AACAGGCCAACACCAACCTG Reverse CTA CTCTTCATT CAGGCCCTTGG
NM_001135157.1	Myosin, heavy chain 2, skeletal muscle, adult (MHCIIa), mRNA	<i>Myh2</i>	Forward GCCGCGAGGTTCACTAA Reverse TTTGTGCTCTCTTCGGTCA
NM_001135158.1	Myosin, heavy chain 1, skeletal muscle, adult (MHCIIx), mRNA	<i>Myh1</i>	Forward TGCATCCCTAAAGCAGACTC Reverse TTCTGAGCCTCGATTGCTC
NM_019325.1	Myosin, heavy chain 4, skeletal muscle, adult (MHCIIb), mRNA	<i>Myh4</i>	Forward CATCTGGTAACACAAGAGGTGC Reverse GGCTTGTCTGAGCCTCGAT
NM_001106783.1	Myogenic factor 5 (Myf5), mRNA	<i>Myf5</i>	Forward GCCCTGATGTATCAAACGCATG Reverse TGTCTGAAGAGCCAACCTG
NM_176079.1	Myogenic differentiation 1 (MyoD), mRNA	<i>Myod1</i>	Forward GATGGCATGATGGATTACAGCG Reverse CCACTATGCTGGACAGGCAG
NM_017115.2	Myogenin (Myog), mRNA	<i>Myog</i>	Forward GTCCCAACCCAGGAGATCAT Reverse CCACGATGGACGTAAGGGAG
NM_013172.2	Myogenic factor 6 (Myf6), mRNA	<i>Myf6</i>	Forward TAAGGAAGGAGGAGCAAGCG Reverse GGGAGTTTGCCTTCTCTGA
NM_175754.1	Agrin, mRNA	<i>Agrn</i>	Forward TTCACACACAGCACCAAAGC Reverse TTCCTCAGCAACTACAAACCTG
	Z+ Agrin, mRNA	<i>Z+ Agrn</i>	Forward TGTCTGGGGGCTTCTCTGG Reverse CTGGGATCTCATTGGTCAGCTC
NM_031322.3	Low density lipoprotein receptor-related protein 4 (Lrp4), mRNA	<i>Lrp4</i>	Forward TTCACGGATCCTGGAATGGG Reverse GTCAGGTCCACCCTCTTTCTT
NM_031061.1	Muscle, skeletal, receptor tyrosine kinase, mRNA	<i>MusK</i>	Forward AGCGTGGACATTCCAAACCT Reverse GGAGAGCAAACCCGCAAAG
NM_001108584.1	Receptor-associated protein of the synapse, mRNA	<i>Rapsn</i>	Forward CAGTTTCTACGCCAGGTCA Reverse CCTAGGGAAGGCTGTCTCCA
NM_024485.1	Cholinergic receptor, nicotinic, alpha 1 (muscle) (AChR alpha 1), mRNA	<i>Chrna1</i>	Forward GGTGGCCATCAATCCGAAAA Reverse TGGGGCAGCAGGAGTAAAAC
NM_012528.1	Cholinergic receptor, nicotinic, beta 1 (muscle) (AChR beta 1), mRNA	<i>Chrnb1</i>	Forward CAGCCTGAACGAGAAGGATGAA Reverse GTCCGGGAGCCAAACAGATT
NM_019145.1	Cholinergic receptor, nicotinic, gamma (muscle) (AChR gamma), mRNA	<i>Chrng</i>	Forward TGGGAAACAATGTGGACGGT Reverse CTGCCAATCGAAGGGGAAGT
NM_019298.1	Cholinergic receptor, nicotinic, delta (muscle) (AChR delta), mRNA	<i>Chrnd</i>	Forward ACAACCGCAGTTACCCCAT Reverse TCCCACTCACCGTTCTCTGT
NM_017194.1	Cholinergic receptor, nicotinic, epsilon (muscle) (AChR epsilon), mRNA	<i>Chrne</i>	Forward ACCGCAGTTTTACCGAGAA Reverse CGACGGATGATGAGCGTGTA

NM_031521.1	Neural cell adhesion molecule 1, mRNA
NM_012664.2	Synaptophysin, mRNA
NM_001244933.1	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1, mRNA
NM_001107805.1	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2, mRNA
NM_001108447.1	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3, mRNA
NM_001107264.1	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4, mRNA
NM_017008.4	Glyceraldehyde-3-phosphate dehydrogenase, mRNA

<i>Ncam1</i>	Forward	CCAAACCATGACGGAGGGAA
	Reverse	TCTACAGGACCCTTCTCGGG
<i>Syp</i>	Forward	TTTGCTACGTGTGGCAGCTA
	Reverse	ACACTTGGTGCAGCCTGAAG
<i>Nfatc1</i>	Forward	AATAACCAGCCCCGTCCAAG
	Reverse	GGTCAGAGCTGGCTCAAAGT
<i>Nfatc2</i>	Forward	CCAGACTTACCTGGATGACGTTAAT
	Reverse	TAGAAGGCGTCGTGCGATAC
<i>Nfatc3</i>	Forward	TTGGAACACCAGCCATCAGG
	Reverse	CTCGTTCACCTCTAGATTCGCC
<i>Nfatc4</i>	Forward	CCTGCCAGACTCTAAAGTGTT
	Reverse	TCAGTGTACCTCACTGCTCTG
<i>Gapdh</i>	Forward	GTGCCAGCCTCGTCTCATAG
	Reverse	AGAGAAGGCAGCCCTGGTAA