

**Table 1. Genes and sequences of real-time quantitative RT-PCR primers of measured gene transcripts**

<b>HUGO_Name</b>	<b>Accession no. UniGene</b>	<b>Forward Primer (5'-3')</b>	<b>Reverse Primer (5'-3')</b>	<b>Length (bp)</b>
Glyceraldehyde-3-phosphate dehydrogenase	NM_002046 Hs.169476	GAAGGTGAAGGTCCGAGTC	GAAGATGGTGATGGGATTTC	226
Kallikrein 3, (prostate specific antigen)	NM_001648 Hs.171995	TGGTGCTGCACCCCTCAT	CCAGGGTTGGGAATGCTTCT	70
Tropomyosin 1 (alpha)	NM_000366 Hs.77899	GAAGATGCCGACCGCAAAT	CGTTCAGGTCCGCTCTCAAT	68
Actin, alpha 2, smooth muscle, aorta	NM_001613 Hs.195851	TGGTCATCCTCCCTTGAGAAGA	CGTTCATTTCCGATGGTGATC	68
Collagen, type I, alpha 1	NM_000088 Hs.172928	GGCTTCCCTGGTCCCTTG	GGGACCACGTTCACTTGG	78
Hepsin (transmembrane protease, serine 1)	NM_002151 Hs.823	TTTGTGTGTGAGGACAGCATCTC	GCCCCAACTCACAATGCC	66
MARCKS-like protein	NM_023009 Hs.75061	GCGCTGAGCAGAATGAGTAGCT	ACCTCACAAGGACAGCACAGTTT	79
LIM	NM_006457 Hs.154103	CCTGGAAGCTCTGGGCTACAC	TTCCAAACTTTCACAACACTGA	70
Thymosin, beta 4, Y chromosome	NM_004202 Hs.159201	GCGACCTGGGCTCCATTT	AGCCACTTCCGCGTTCAAG	63
Kallikrein 2, prostatic	NM_005551 Hs.181350	CGTGCCCTCATCCAGTCT	GCCAGGGTTGGGAATGCT	65
Acid phosphatase, prostate	NM_001099 Hs.1852	TTTCTCAGGGCAGATGATGCT	AAGCCCATTTTCTCAAAGCT	71
keratin 15	NM_002275 Hs.80342	CTCCAGTCCCTGCCTTCAGA	GCATGCAAAGCCCTGAAATAA	66
Keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)	NM_000424 Hs.433845	CACAGAGATGAACCGGATGATC	TTGGCGCACTGTTTCTTGAC	69
Prostaglandin D2 synthase (21kD, brain)	NM_000954 Hs.8272	GGGCTTCACAGAGGATACCATT	AGTCCTATTGTTCCGTCATGCA	68
CD44 antigen (homing function and Indian blood group system)	NM_000610 Hs.169610	CCTCTGCAAGGCTTTCAATAGC	CGATGCTCAGAGCTTTCTCCAT	65
Tropomyosin 2 (beta)	NM_003289 Hs.300772	CGAGAGCCGAGCCAGACA	CTCTGAGGCCATCAGGGACTT	76
Desmin	NM_001927 Hs.279604	CCAGTCCTACACCTGCGAGATT	CCTCCAATTCCCGCATCTG	77
Transforming growth factor, beta 1 (Camurati-	NM_000660 Hs.1103	CTCTCCGACCTGCCACAGA	AACCTAGATGGGCGCGATCT	72

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Engelmann disease)				
Filamin A, alpha (actin binding protein 280)	NM_001456 Hs.195464	CAGGCTTGGTGTCTGCTTACG	TCCCGCATTGCTCGTGTT	89
Myosin, light polypeptide 9, regulatory	NM_006097 Hs.9615	TTAAGGAGGCTTTCAACATGATTG	GTCGTGCAGGTCCTCCTTGT	68
Myosin, heavy polypeptide 11, smooth muscle	NM_002474 Hs.78344	ACGGGAGAGCTGGAAAAGC	TTTTGGCGTTGCCGAAAG	67
Synaptogyrin 1	NM_004711 Hs.6139	CCAAAGGACAGCAGTGATGGA	CCGGATTGGAAAATGAAGTCA	79
Eukaryotic translation elongation factor 1 alpha 1	NM_001402 Hs.181165	CTGAACCATCCAGGCCAAAT	GCCGTGTGGCAATCCAAT	59
Single-minded homolog 2 (Drosophila)	NM_005069.2 Hs.27311	TTTAGGACCGTGGGTCATGC	ATAGCTGAGTGCCTGGAGAGG	77
Alpha-methylacyl-CoA racemase	NM_014324.2 Hs.128749	GTGAAACAGAGTGATTGGTTGCA	GAATGTGCTTAGAGGGAGATCATGA	70
UDP-N-acteylglucosamine pyrophosphorylase 1	NM_003115.2 Hs.21293	CTCTCCTTATCTCCTATGCTGGA	CGATGATTAGAGGTGCATGGAA	80
RAB4A, member RAS oncogene family	NM_004578.2 Hs.119007	GAGACAGCTGAGGTCACCGC	ATTGTGTCCCAAATGCCACTG	104
CD38 antigen (p45)	NM_001775.1 Hs.66052	CACCATAAAAGAGCTGGAATCGA	GTGCAAGATGAATCCTCAGGATTT	120
Homeo box A9	NM_002142.3	GTAGTGGAATATGTCTTCTGTATAA CTAGGCT	CATCCCCGAGAACAACCTTAAAATTT	108
Tubulin, alpha 1 (testis specific)	NM_006000.1 Hs.75318	TCTGTTTGCTGTTTCATGACCCT	AAGAACCCCTTTGCAGGTCTC	65
Arachidonate 15-lipoxygenase, second type	NM_001141.1 Hs.111256	CATGCGAGGGCTTCATAGC	GATGCCCTCGAGATCTGG	197