

Table S1. PCR primers used for qRT-PCR validation.

No.	Gene ID	Gene name	Annealing temperature	Primers sequences	
				Sense5'-3'	anti-sense5'-3'
1	gi 72018933 ref XP_797207.1	AAC-rich mRNA clone AAC4 protein-like	55°C	TACAGAATGCCCGACAGAACG	CGCCACGATGATTAACACGAC
2	gi 325301261 gb ADZ05534.1	heat shock protein 26	61°C	TCCATCATTGGCCTTCAGCGTA	CATCAAACCTCGTCATCGGCAAGC
3	c75753.graph_c0	novel protein	55°C	TTGGAAACAGGAAGAGGGAGAT	TGGGGAGTGGGAATTAGCAT
4	gi 668583121 gb AIH07018.1	Tenascin	55°C	GAACGGTGACTACAACGCTTATT	CGTATCTTCATCTCGCTGTATTTG
5	PF07546.8	EMI domain	61°C	GTGGTGGATTCGGAGGTGA	CTGTCGCCATTTCTGCTTTC
6	gi 669214824 emb CDW61111.1	hypothetical protein TTRE_0000953901	55°C	CTTAGGCTTTCGGTGGACAG	GTAAGGGCGACGAAGGTAGAT
7	gi 260784620 ref XP_002587363.1	Fibrinogen-like protein A	55°C	GGTGGGGGAGGGTTGTTT	GGTGGTCAATGCCTGTGG
8	gi 675363604 gb KFM56506.1	hypothetical protein X975_24482	55°C	ATACCCAAGTCAGACGAACGATT	GGACCCGAAAGATGGTGAAC
9	gi 195035349 ref XP_001989140.1	Serine/threonine-protein phosphatase	55°C	ATGAGTCACGGCAGATCACA	GCGGTCCAGGGCTCTTATAT
10	gi 585660669 ref XP_002734685.2	ficolin-2-like	55°C	CGTGTGATGGAAGTGTGTA	TCCGCTGTAGGTTCCAAGTT
11	gi 47551003 ref NP_999675.1	Collagen alpha-2	61°C	CCCAAGACAGTACTCCAACATC	CGTCGTTGTAGTCAATCTTCGTG
12	gi 167683054 gb ABZ91669.1	Actin	61°C	TGATGTCACGCACGATTTCC	ACACAGTGCCCATCTACGAGG
13	gi 198423660 ref XP_002129293.1	Fibroblast growth factor	57°C	GTGGAGTCTTGCAGGCTGTAG	GAGGAGTTCGTCATGAAGCTG
14	gi 443729673 gb ELU15512.1	Fructose-bisphosphate aldolase	57°C	CGCACATTCCGTGACATCC	CCGACAGCCCATCAAGACC
15	gi 260827674 ref XP_002608789.1	Integrin alpha 2	57°C	CGTTTGGTTACGCCCTCTC	CTGATTGGTTTAGTATCGCTTGC
16	gi 260802726 ref XP_002596243.1	Mitotic spindle assembly checkpoint protein	55°C	GCTGGTGGCTGATTTCTTCTCC	TGGGGTCTGTGGTCTGCTGA
Reference	GenBank: EU668024.1	β -actin I	Variable	CATTCAACCCTAAAGCCAACA	TGGCGTGAGGAAGAGCAT