

**Supplementary Table 7. Quantitative PCR primers used for lncRNA corroboration and protein-coding RNAs validation.**

<b>Gene Symbol</b>	<b>Sequence Name</b>	<b>Forward and reverse primer pair sequences</b>	<b>Anneal temp</b>	<b>bp product</b>
<b>AK080187</b>	uc008hgf.1	GAAGGGGGAAAACGGCAGTA	57	142
		TGCATTTTTGGGGACACCCT		
<b>Has2</b>	NM_008216	AGTCCCTTGAAACCCCGATT	57	161
		GTCGTCTGAGTTCCCATCGA		
<b>Myl7</b>	NM_022879	AGCTCGGGAGGGTAAGTGTT	57	112
		CCATTGAGCTTCTCCCCGAA		
<b>Des</b>	NM_010043	CAAGGGCTCCTCGAGTTCAA	57	174
		AACTCCTGGTTCACAGCGTC		
<b>Acan</b>	NM_007424	GAACTTGGCCATGGTCCTTC	57	161
		GGGTAAGCAGACAGGTCCTACT		
<b>Cdk15</b>	NM_001033373.2	CAGAAGCATCCAGTTCCACG	57	128
		CCCCTGCCTCAGATTCTCTTC		
<b>Tnxb</b>	NM_031176.2	CCAAGTCTGTCCCGAAGAC	57	223
		CGTCCTCTCTGGTTGCAGTT		
<b>Sepp1</b>	NM_009155	TGACAGTGTGCGGAAAACCT	57	116
		GGCTGATTTTGTGAGGCAGC		
<b>Ostn</b>	NM_198112.2	GCCACTGAGCTTTCGGCTAA	57	120
		GAGTCTGTCAAGGGGAGACC		
<b>Has1</b>	NM_008215.2	TCTTTGCCCTGCTCATCCTG	57	122
		TAGGTGTGCGCTGAGGAATG		
<b>Has3</b>	NM_008217.4	GCTTCTTTGTGTGGCGTAGC	57	189
		AGTCCACTGAGTTGCCAAGG		
<b>Mcm6</b>	NM_008567	TGCTCACCCGAATCAGTGG	57	159
		CACACTGGATTTTCGGCAG		
<b>Mcm5</b>	NM_008566	CATCCGGAGCTCGTACATCC	57	285
		GGGTCTCCCAACATCAGCAA		
<b>Mcm4</b>	NM_008565	CCAATCGGAGACGTAGAGGC	57	281
		CACCTGCAAACCCTTTCGTG		
<b>Mcm3</b>	NM_008563	CGAGGAGGACCAAGGCATTT	57	120
		AGGCGGTTAGCCCTCTTTTC		
<b>Mcm2</b>	NM_008564	AAGTGTCTAGCCGTGCCATC	57	151
		TCGTCAATGAGACACACCCC		
<b>Eme1</b>	NM_177752	GCAGTAGCAGTGAGGACGAA	57	178
		ATCTTTGGCCATGGTTGCCT		
<b>Brip1</b>	NM_178309	CACTGTTTGTGAGAGTCC	57	188
		TCCAGGTTTGTGTCGCTGTAG		
<b>Rad51</b>	NM_011234	AGGGTTCAACACAGACCACC	57	153
		TGCATTTGCCTGGCTGAAAG		
<b>Ccna2</b>	NM_009828	TGTCCTGCTGGTCCCTCAT	57	157
		TCCGGGTAAAGAGACAGCTG		
<b>Pold1</b>	NM_011131	ATTCTTGCCTGCTGGCACTCA	57	264
		TGGAAGGAGGAGTCACGGAT		

<b>Dna2</b>	NM_177372	GCGGAAAAATGGTCCCATGC	57	131
		AGGTAACGGCTGCCTTGTTTC		
<b>Rpa2</b>	NM_011284	GAGTTCACCGCACACATCCT	57	154
		GGCCATTTGCTGGCATGAAG		
<b>Col1a1 (rat)</b>	NM_001145366.1	CTGACTGGAAGAGCGGAGAG	58	113
		CTGAGTGGGGAACACACAGG		
<b>TGFβ (rat)</b>	NM_021578.2	GACTCTCCACCTGCAAGACC	58	100
		GGACTGGCGAGCCTTAGTTT		
<b>TIMP-1 (rat)</b>	NM_053819.1	TCTGGCATCCTCTTGTTGCT	58	100
		TAACCAGGTCGAGTTGCAG		
<b>MMP13</b>	NM_008607	TGTTTGCAGAGCACTACTTGAA	60	132
		CAGTCACCTCTAAGCCAAAGAAA		
<b>TNFα</b>	NM_013693	CCCTCACACTCAGATCATCTTCT	60	61
		GCTACGACGTGGGCTACAG		
<b>IL-1b</b>	NM_008361	CAACCAACAAGTGATATTCTCCATG	60	152
		GATCCACACTCTCCAGCTGCA		
<b>IL-6</b>	NM_031168	TAGTCCTTCCCTACCCCAATTTCC	60	76
		TTGGTCCTTAGCCACTCCTTC		
<b>MIP2α/ CXCL2</b>	NM_009140	CCAACCACCAGGCTACAGG	60	108
		GCGTCACACTCAAGCTCTG		
<b>GAPDH</b>	NM_008084	GCACAGTCAAGGCCGAGAAT	57	151
		GCCTTCTCCATGGTGGTGAA		
<b>βactin</b>	NM_031144.3	AGCCATGTACGTAGCCATCC	57	228
		CTCTCAGCTGTGGTGGTGAA		