Table S2: Primers used for RT-qPCR validation of m-RNA and lnc-RNAs sequencing data.

Genes	Accessions no.	Primers sequence (5′→3′)	Product size (bp)
CCDC83	NM_001038218.2	F- AAGAATGTAGGGAGTGAACAGCATGGTA	206
		R- TTGTCAATGAACCTTAGAGCATTCTCTG	
DMRTC2	NM_001038182.2	F-ACATGCTCAACTCTGATACTCCAG	163
		R-AGATGAATCTTTCAGTCCCACAAG	
HSPA2	NM_174344.1	F-CGCTGTGGAGTCCTATACCTATAAC	175
		R-CTCTTTCTGCTTGTGTTCATACTCA	
IQCG	NM_001038195.1	F-ATCCAGTCCATTGGTACATAAAGAA	169
		R-TACATCACTCAAAAATTGCCTATCA	
PACRG	NM_001077027.2	F-AAAGAGACCCTGAGATTAAACAAAT	162
		R-CTCTCACGACTGAGTTTTTCATCAT	
SPO11	NM_001193090.1	F-TCACTCTGGTAGATGCTGATCCACA	194
		R-CATCTGGTCCCGTTTTGTCAGTGGA	
EHHADH	NM_001075780.2	F-TGCCTGCTGCACTTGACTTGATTATCTC	192
		R-TGTTGGGCAAGCTCGGGACTGGCATGTT	
SPP1	NM_174187.2	F-GGCATTGCCTCCGCCCTTCCAGTTAAAC	169
		R-CATCAGTTTCCTCAGAGGACACAGAATT	
NSD2	XM_024993748.1	F-CTGCTCCAAAGGTGGTGAAGTGCGTGAA	170
		R-GCCGTTGAACTTCTGCACGACCCCGTCC	
ACTN4	NM_001098052.1	F-ACCACGCGGCGAACCAGTCGTACCAGTA	192
		R-CGGCCTTCCGCAGGTGGGAGTTGCACCA	
Genes	**Accessions no.**	**Primers sequence (5′→3′)**	**Product size (bp)**
COX7A2	NM_175807.1	F-CTCCGTCAGATTGCTAAGAGGACCATAA	175
		R-ATGGCATATGCCGTTCCACCAACTGTAA	
COX6B2	NM_001012684.1	F-AAATGGCCAACGCCGCCTTTCGACCCGC	198
		R-GCTGATGGGGCACAGCGAGTGGTACACG	
PRM2	NM_174157.4	F-GATGCCACGTGAAGAGTCCAACTGAAAG	202
		R-CCCTTCTCCGGCGCCTCCGGTAGGGGCG	
TRIM37	NM_001110182.1	F-AGAGTGTGGAGAGCATTGCTGAGGTGTT	196
		R-CAAGCGCGCATCCCGCAGTTTCTCCATG	
INHBA	NM_174363.2	F-ACATCTTCCCTGTCTCCAGCTGCATCCA	165
		R-CCCCTCCTTCTCCATCCCTCTTCTTCCC	
ERBB4	XM_024981515.1	F-CAAACATTTGTCTACAATCCCACTACCT	188
		R-TGCAAGGTTTACACATTTTAATCCCATT	
SDHA	NM_174178.2	F-TTTCAACACGGCCTGCGTCACGAAGCTC	168
		R-GTCCTGGTCCCCCAGCCAGTCGGAGCCT	
ATP6V0A2	NM_176637.2	F-CCCTGTTCCGGAGCGAGACCATGTGCCT	192
		R-GCACCAAGTATGCCAATATTCGCTCCAG	
FGF9	NM_001245926.1	F-GAACTATTTCGGCGTGCAGGATGCGGTG	166
		R-TCCTGCAGTACAGCTGCCTCCGCCTGAG	
TCF21	NM_001014899.1	F-AGAGATGTGGAGGATCTTCAAGAGGTGG	174
		R-AGGGGCTCTTCTTGGTGGGTGCCTTCCT	