

**Supplementary Table S1:** Pyrosequencing and QPCR primer sequences for *PITPNC1* and *LINC00910*.

Gene	Primer sequences	Annealing temperature [°C]	Amplicon length [bp]
<b>Pyrosequencing</b>			
PITPNC1 (CpG #1-5)	FW 5'- AGGAATAGTTTGAATTTGGGAGG -3' RVBio 5'- AACCTCTACAACCTACTTATTAACCTACAT-3' Seq 5'- AGGAGAAGGTTGTAGTGA -3'	58.5	181
LINC00910 (CpG #1-8)	FW 5'- TTGAGGGTTGGGATTTTTATTAGTAT -3' RVBio 5'- ACCTCCTAACTACCTCCTCTCTAATTAC -3' Seq 5'- AGTGTTTGGTAAGTTGA -3'	58.5	165
LINC00910 (CpG #9-15)	FW 5'- TTAGAGAGGAAGTAGTTAGGAGGTTATTGG -3' RVBio 5'- CTCAAAAAAAAAATTTATCCCAACCTTAC -3' Seq 5'- GTTAGGAGGTTATTGGTT -3'	55	165
<b>QPCR</b>			
PITPNC1	FW 5'- GGACAACAAAGGAAGCAATGAC-3' RV 5'- TTGTAGTAGCGCTCTGGAATTT-3'	59	111
LINC00910	FW 5'- ACGTTCACAGGTACACAAAGG -3' RV 5'- TCCCAGTATCCGACTAGCTTC -3'	59	92
GAPDH	FW 5'-TGCACCACCAACTGCTTA-3' RV 5'-AGAGGCAGGGATGATGTTC-3'	59	177