

Figure S1

TGATGACATTGTTACTTGTGAATAGAA**TCAGGAG**TTAGAAACTCATTTTTAATTGAAGAAAAAAAAAAGTATAT

miR-378a-5p binding site

CCTTAAAAAGAAAAAAAAAAAAAAAAACAATGATTTATGGCTCTGATTACTGTGCCTGGGATTAACGTACTGCTTCCTT
GATTGTTTAACTATGCACTGTCACGAGGTGTTTGTACTGAGC**TGCGCTG**CTGCTTCCTGGTCCATGT

miR-148a-3p binding site

AGTCTGGAGATACTGGGTGGCTTCTAAGTCCCCAGGAAAGAGGGGCTTGCCGTCACAGGTGTGAAGAAGAGA
GAGGTGTCTAGGGATCTTCTACCAAGTCTGGTGTCTTTTGAGTGAGTTCCACTCGAGCTGTAACGAGAATCCCTT
CCCCCTGTCTACCCACACTTGGAGGGCACCTGTTTTAGTGCTCAGAACCTTGAGTGCCTGTAGGGAAGGTGGGG
TAAGCTATGTTAGACCCATTCCACGGGGAAAGAGGATATAGTGCCTGAGAGGTGAACTGTGAAATGTGCTGCC
AAGGTCTCACGGCAGAGCAGTGAGCCACCTCTAGCCTCCTGACTGCTGGCCCCAGCCTGCGGCAGTAGTTAGCCT
AAAGATGCAAAAGTCAGAGACTGGAGGAGTGAATTAGCTAAATTGAGCAATAGGCTAGAAGCCTAATAGCTCA
CTTGAGAATTGGGCCACCAGTTGACTCACCAGCATTAAAGCAAATCAAGTTTCAGCACAGACTCAGGTGTCCCT
GAGCTTCGATCCTCGGTGTCTGCGACTTATCCTGCCTGTGGATACCCCTCAAGTTCTGAGATCCCTGCAAGCGG
TGCACAGACTTCACCTAGGGGCTGTCTTTGCGGGCAGGGAGGGCAACTAGCAGCCATTCCGATATCCTACAGT
GTCCCTGCCTGCCCTCCTCTGTAAAGTTAGAGTTGCCGAGTGAGGGGTTGTACAGGTTGGGGGTGTGGACAAG
GCACTCCAAGGAGCATTACAGTGAGCTCCTCTTGACCCGTTCTTGACTACTGTCAAAGCCATATCCAGTGTGA
CATTCTCTGGGTCCCCAGGGGCCCTTCTCGAGGGAGAGCCGGCTCTATGGGCAGAGTATCAGCTAATGCTTCAT
ATAGATCAGTTCTCCTTGGTCTTGTGACATTTCTCTCTTTCTCCCCCTCTCCATCCATTATTATTGTTCTGCCAAA
TAAGAAAGTTTGATTAATCAGCTGCTAATGACAGGCTTATTCCTTTGATAATTGGTGGTTAATTTTTTTTTTAAGAT
TATCAAGTACCTCAGTAGAGAAAGTGAGCCATGATCTTGTGCTTGGTGTGGGAAAAGTCTTACCTATAGATAAG
GAGGCTGGCTCTAGCAGAAATAGGGGAACAGAGAATCTGTGTGTGAGATAGATCCCTTGGCCTCCCTAAACCCCA
GGTCCCTTTCTGTGAAATGGACTGAGGAGCAAATTAGACAGCAAGAAGTCTTAGCAGCTACTCAGGCAGTACAT
AGTCACGCCTCCCCCACCCTCCCATACACACACATCCTTGGGATGCAAACATAGTTAATTGATCATAAACA
CTAATTTTTTTGAGCCTGGTCTGCTCTTAGAATACACAGTGCTCTAGGCAGGCATTATTAATTGGTGGTGTTTTA
ACTGATTTGACATCCTGTTCTAATCTTTGGAAGACTATCATTGTAGAGCCATATGCTGGCTGGTTTTATGCTGGCCG
TTCTGTACATAACCTGATCCATGC

Figure S1. Sequence of full-length PGC1 β -OT1 based on sequencing of PGC1 β -OT1 plasmid. The resulting RNA was 1759 nt in length. The regions highlighted in red are predicted miRNA binding sites.