

Agonist at PPAR δ mitigates endothelial dysfunction via induction of dihydrofolate reductase gene and activation of BH₄ salvage pathway

Running title: PPAR δ agonist increases BH₄ Salvage

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Table S1 Sequences of primers for qPCR

Gene	Sequences
Human DHFR	Forward: TCGCTAAACTGCATCGTCGCTGTGTC Reverse: TGGAGGTTCTTGAGTTCTCTGCTGA
Human ANGPTL4	Forward: AAAGAGGCTGCCCGAGAT Reverse: GCGCCTCTGAATTACTGTCC
Human PDK4	Forward: ACGGCTTGCCAATTTCTCGT Reverse: GCCACTTCTTTTGCCAGGTT
Human GAPDH	Forward: ACCACAGTCCATGCCATCAC Reverse: TCCACCACCCTGTTGCTGTA

Table S2 Primers for amplifying the promoter segments

Name	Sequences
Forward	
pGL3/hDHFR-453-Luc	AGCTGCTAGCTGAGCCATGCTGTTGCAGTCTT
pGL3/hDHFR-1253-Luc	AGCTGCTAGCCCTCAGCAACTCAAGCCGTGTT
pGL3/hDHFR-1911-Luc	AGCTGCTAGCGGTCTATCACTGCCTACCTTCCA
Reverse	AGCTAAGCTTCCGCCGCACATAGTAGGTTCTG

Table S3 Primers for CHIP assay

Name	Sequences
PPRE1	Forward: GGAGTCAGGAGACCTGAGTTCC Reverse: CGATGATAGGGCTGGAGGAGGA
PPRE2, 3	Forward: TGA CTGCTTTTAACCGTAGTGA Reverse: CAAGGGGTGCGTCTTTTAAC
PPRE4	Forward: GCTTTTCCTGTGGCAGTATCTCT Reverse: GTCATATTGTGCAGTTCCCCA
PPRE5	Forward: ATGCCCTTCCACAGCCTCAATC Reverse: GAGTCCTTCCTGTTGCCATCCT
PPRE6	Forward: CCTTTAAATGGTGGGTGCAAA Reverse: AGGGCATTGAAGACTGGTGT
PPRE7	Forward: GCTGCTACCGGTCTTGATTC Reverse: ACAGGAAACACTTAAATTGCAGT
PPRE8	Forward: GCTCTACCATCCCCTTAACCT Reverse: TCTCCTCAGTCATGGCTCTG
PPRE9	Forward: AGGGAGGGATTATGGGGTCT Reverse: GGTTAAGGGGATGGTAGAGCT
