

## Supplementary Materials

Article

# Chalcone Derivatives Enhance ATP-Binding Cassette Transporters A1 in Human THP-1 Macrophages

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Received: 22 May 2018; Accepted: 29 June 2018; Published: 3 July 2018

**Table S1.** The sequences and efficiencies of mRNAs for real-time quantitative PCR assay.

	Gene symbol	Sequence ID	Amplicon length	Sequence	Efficiency
GAPDH	Homo sapiens glyceraldehyde-3-phosphate dehydrogenase (GAPDH), transcript variant 6, 3, 1, 7, 4	NR_152150.1 NM_001289745.2 NM_002046.6 NM_001357943.1 NM_001289746.1	767 1401 1309 1235 1407	5'-ATGGGGAAGGTGAAGGTCG-3' (forward) 5'-TAAAAGCAGCCCTGGTGACC-3'(reverse)	1.964
	Homo sapiens ATP binding cassette subfamily A member 1 (ABCA1), mRNA	NM_005502.3	10515	5'-GGTGATGTTCTGACCAATGTGA-3'(forward) 5'-TGTCTCATACCACTGAGAGAC-3'(reverse)	1.776
	Homo sapiens ATP binding cassette subfamily G member 1 (ABCG1), transcript variant 2-7, mRNA	NM_207629.1 NM_207628.1 NM_207627.1 NM_207174.1 NM_004915.3 NM_016818.2	2946 3060 3142 2983 3018 2982	5'-AGGGATTGGGTCTGAAGT-3'(forward) 5'-GGTCTCTTGTGGTCTGAG-3'(reverse)	1.575
	Homo sapiens nuclear receptor subfamily 1 group H member 3 (NR1H3), transcript variant 1-5, mRNA	NM_001130101.2 NM_001130102.2 NM_001251934.1 NM_001251935.1	1759 1748 1887 1928	5'-AAGCCCTGCATGCCTACGT-3'(forward) 5'-TGCAGACGCAGTGCAAACA-3' (reverse)	2.182
CCL2	Homo sapiens C-C motif chemokine ligand 2 (CCL2), mRNA	NM_002982.3	730	5'-GATCTCAGTGCAGAGGCTCG-3'(forward) 5'-TGCTTGTCCAGGTGGTCCAT-3'(reverse)	1.919

**Table S2.** The sequences and efficiencies of miRNAs for real-time quantitative PCR assay.

	<b>Catalog No.</b>	<b>miRBase ID</b>	<b>miRBase Accession</b>	<b>Mature miRNA sequence</b>	<b>Efficiency</b>
Hs_miR-155* <sub>1</sub>	MS00008778	hsa-miR-155-3p	MIMAT0004658	CUCCUACAUUUAGCAUUAACA	2.0157
Hs_miR-758_2	MS00010563	hsa-miR-758-3p	MIMAT0003879	UUUGUGACCUGGUCCACUAACC	1.8573
Hs_miR-10b* <sub>1</sub>	MS00008421	hsa-miR-10b-3p	MIMAT0004556	ACAGAUUCGAUUCUAGGGAAU	2.0916
Hs_miR-145* <sub>1</sub>	MS00008708	hsa-miR-145-3p	MIMAT0004601	GGAUUCCUGGAAAACUGUUCU	1.9844
Hs_miR-33a* <sub>1</sub>	MS00009492	hsa-miR-33a-3p	MIMAT0004506	CAAUGUUUCCACAGUGCAUCAC	2.0742
Hs_miR-106b* <sub>1</sub>	MS00008400	hsa-miR-106b-3p	MIMAT0004672	CCGCACUGUGGGUACUUGCUGC	2.0461
Hs_miR-144_4	MS00020328	hsa-miR-144-3p	MIMAT0000436	UACAGUAUAGAUGAUGUACU	2.3318
Hs_miR-206_1	MS00003787	hsa-miR-206 Transcript(s)	MIMAT0000462	UGGAAUGUAAGGAAGUGUGUGG	1.9000
Hs_RNU6-2_11	MS00033740	NR_002752 (107 bp)			2.0303

**Figure S1. Standard curves of the significant primers.**

