

1 SUPPLEMENTAL DATA

2 Table 1. Oligonucleotides used in realtime RT-PCR quantification

Gene Symbol	Description	GenBank	Oligonucleotide Sequence 5' → 3'	
			Sense/	Antisense
PLA2G4	Phospholipase A2, group IVA	NM_024420	AAGGACGTGCTGGGAAGGTACA/ GGGATACGGCAGGTAAATGTG	
PLA2G16	Homo sapiens phospholipase A2, group XVI (PLA2G16)	NM_007069	AGCCTAAGCCTGGAGACCTGAT/ GCCACATCATAACAGCAATTCCTTCTT	
PTGS1	Prostaglandin-endoperoxide synthase 1 (cyclooxygenase 1)	NM_000962	TTGGGGAGAGTATGATAGAGATTG/ CGGAAGGAAACGTAGGGACAG	
PTGS2	Prostaglandin-endoperoxide synthase 2 (cyclooxygenase 2)	NM_000963	ATGGGTAATGTTATATGTTCTCCTGC/ TGGTGACTGTTTTAATGAGCTCTG	
PTGES	Prostaglandin E synthase	NM_004878	GGCTATACCTGGGGACTTGATG/ CAGGAATCCAAGGGGCTAAGA	
PTGES2	Prostaglandin E synthase 2	NM_025072	AGCCTTCTCGACTTCCATGC/ GGTCTTGAGGGCGCTGATGAT	
PTGES3	Prostaglandin E synthase 3	NM_006601	CAAGCATAAAAGAACGGACAGATCA/ AATCATCATCTGCTCCATCTACTTC	
PTGIS	Prostaglandin I2 (prostacyclin) synthase	NM_000961	ATGCCTGCGAGAGACCCTACA/ GCAAGTCACCTCACCTCTCAGTT	
PTGDS	Prostaglandin D2 synthase	NM_000954	TACAGCTACCGGAGTCCCCAC/ TATCCTCTGTGAAGCCCTGGG	
AKR1B1	Aldo-keto reductase family 1B1	NM_001628	GATCGCAGCCAAGCACAATAA/ ACAGCTCAACAAGGCACAGAC	
PTGFR	Prostaglandin F receptor (FP)	NM_000959	CCTTGCCATCGCCATTCTCAT/ CCAGAAAACACCATGCAGATACC	
PTGER1	Prostaglandin E receptor 1 (EP1)	NM_000955	TCGCTTCGGCCTCCACCTTCT/ CAGCGCCACCAACACCAGCAT	
PTGER2	Prostaglandin E receptor 2 (EP2)	NM_000956	TGCAACTTCAGTGTCATTCTCAACCT/ GCAGACGGCGAAGGTGATGGT	
PTGER3	Prostaglandin E receptor 3 (EP3)	NM_198714	CTGGTCTCCGCTCCTGATAAT/ CAGCAGGTAAACCCAAGGATCC	
PTGER4	Prostaglandin E receptor 4 (EP4)	NM_000958	CGCCGAGATCCAGATGGTCAT/ CGGCAGAAGAGGCATTTGATC	
PPARG	Peroxisome proliferator-activated receptor gamma	NM_138712	GTCGGATCCACAAAAAAGTAGAA/ AGCGGAAGGACTTTATGTATGA	
ATP5O	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	NM_001697	ATTGAAGGTCGCTATGCCACAG/ AACGACTCCTTGGGTATTGCTTAA	
G6PD	Glucose-6-phosphate dehydrogenase	NM_000402	GATGTCCCCTGTCCCACCAACTCTG/ GCAGGGCATTGAGGTTGGGGAG	