

1 Supplemental Data

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4 **Table S1:** List of primers used in comparative qRT-PCR.

Gene	Descriptions	GenBank Accession Number	Primer sequences	Amplicon Length (bp)	Efficiency	References
ACTB	Involved in various types of cell motility and ubiquitously expressed in all eukaryotic cells used as a reference gene	NM_001101	F: TTGTTACAGGAAGTCCCTTGCC R: ATGCTATCACCTCCCTGTGTG	101	1.90	(Nagao <i>et al.</i> , 2000)
B2M	Serum protein involved in a complex with another protein on the surface of nearly all nucleated cells used as a reference gene	NM_004048	F: GTGCTCGGCTACTCTCTC R: GTCAACTTCAATGTCGGAT	150	1.91	(Dydensborg <i>et al.</i> , 2006)
CXCL10	Chemokine resulting in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression	NM_001565.3	F: TTCAAGGAGTACCTCTCTCTAG R: CTGGATTACAGACATCTCTCTC	177	1.95	(Tamassia <i>et al.</i> , 2008)
DUSP1	Play a role in the human cellular response to environmental stress as a negative regulator of MAPK signaling pathway	NM_004417	F: GGCCCCGAGAACAGACAAA R: GTGCCCACTCCATGACCAT	80	1.97	(Locati <i>et al.</i> , 2002)
FOS	Protein associates with JUN to form the AP-1 complex (transcription factor) which leads to regulation of cell proliferation, differentiation and transformation	NM_005252.3	F: AAAAGGAGAATCCGAAGGGAAA R: GTCTGTCTCCGCTTGAGGTGTAT	96	1.96	(Reichelt <i>et al.</i> , 2003)
JUN	Protein associates with FOS to form the AP-1 complex (transcription factor) which leads to regulation of cell proliferation, differentiation and transformation	NM_002228.3	F: ATGACTGCAAAGATGGAAACGA R: GCTCTCGACGGGAGGAA	69	2.0	(Reichelt <i>et al.</i> , 2003)
IL8	One of the major chemokine mediators of the inflammatory response.	NM_000584	F: GAATGGGTTTGTAGAAATGTGATA R: CAGACTAGGGTTGCCAGATTTAAC	129	1.93	(Birkenkamp-Demtroder <i>et al.</i> , 2002)
IL17C	T cell-derived cytokine that stimulates the release of tumor necrosis factor alpha and IL-1-beta	NM_013278.3	F: CAGCTTCTGTGGATAGCGGT R: GAGGTGTTGGAGGCAGACA	90	1.98	qPrimerDep or NM_013278
IL28B	Cytokine with immunomodulatory activity and potent antiviral activity	NM_172139.2	F: TGGCCCTGACGCTGAAGGTT R: CGTGGGCTGAGGCTGGATAC	134	1.98	(Nudelman <i>et al.</i> , 2010)
IL29	Cytokine with immunomodulatory activity and possible role in antiviral immunity	NM_172140.1	F: GCCTCTCACCGGAGACCTC R: GGAGTAGGGCTCAGCGCATA	116	1.97	(Nudelman <i>et al.</i> , 2010)
IRF1	Interferon regulatory factor 1, transcriptional activator for IFNA, IFNB and IFN-gamma stimulated genes	NM_002198	F: AAAAGGAGCCAGATCCCAAGA R: CATCCGGTACACTCGCACAG	128	2.0	RTPrimerDB ID: 3825
MAP3K14	Protein kinase binding to TRAF2 and is an activator of the NF-kB complex.	NM_003954.2	F: GGAATACCTCCACTCAGGAAGG R: CTGTGAGCAAGGACTTCCAG	149	1.98	OriGene Technologies
NFKB1	Rapidly acting primary transcription factor found in all cell types involved in stimuli such as cytokines and stress and key role in regulating the immune response to infection	NM_003998.3	F: GCAGCACTACTTCTGACCACC R: TCTGCTCCTGAGCATGACGTC	130	1.97	OriGene Technologies
NFKBIA	Inhibits the activity of the NF-kappa-B (NFKB) protein complex.	NM_020529	F: GGTGAAGGGAGACCTGGCTT R: GTGCCTCAGCAATTTCTGGC	101	1.99	(Mookherjee <i>et al.</i> , 2006)
RPLP0	Ribosomal protein P0 used as a reference gene	NM_001002	F: GCAATGTTGCCAGTGTCTG R: GCCTTGACCTTTTCAGCAA	142	1.90	(Dydensborg <i>et al.</i> , 2006)
TNF	Proinflammatory cytokine	NM_000594	F: CCCAGGGACCTCTCTAATCA R: GCTACAGGCTTGCACTCGG	81	1.96	(Uray <i>et al.</i> , 2002)

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