

Table S1. Primer pairs and product sizes for gene transcripts.

Gene transcript*	Primer pair	Product size (bp)
B2M	Forward: 5'-ACTGAATTCACCCCACTGA-3' Reverse: 5'-CCTCCATGATGCTGCTTACA-3'	114
BST2 ¹	Forward: 5'-CACCTGCAACCACACTGT-3' Reverse: 5'-TTCTCAGTCGCTCCACCT-3'	149
CCL2 ²	Forward: 5'-AATCAATGCCCCAGTCACCTGC-3' Reverse: 5'-CGGAGTTTGGGTTTGCTTGTC-3'	211
CXCL8 ³	Forward: 5'-GTGTGAAGGTGCAGTTTTGC-3' Reverse: 5'-TCTGCACCCAGTTTTCTTG-3'	203
DDX58 ⁴	Forward: 5'-GACTGGACGTGGCAAACAA-3' Reverse: 5'-TTGAATGCATCCAATATACTTCTG-3'	75
EIF2AK2 ⁵	Forward: 5'-GGAAAGCGAACAAGGAGTAAGG-3' Reverse: 5'-CCAAAGCGTAGAGGTCCACT-3'	97
FASLG	Forward: 5'-GGGTGGACTGGGGTGGCCTAT-3' Reverse: 5'-GGATTGGGCCTGGGGATGTTTCA-3'	126
GAPDH	Forward: 5'-AGCTGAACGGGAAGCTCACTGG-3' Reverse: 5'-GGAGTGGGTGTCGCTGTTGAAGTC-3'	209
IFIH1 ⁴	Forward: 5'-ACCAAATACAGGAGCCATGC-3' Reverse: 5'-CGTTCTTTGCGATTTCTTC-3'	205
IFIT1 ⁶	Forward: 5'-AGAAGCAGGCAATCACAGAAA-3' Reverse: 5'-CTGAAACCGACCATAGTGGAAT-3'	112

IFIT2 ⁶	Forward: 5'-CACATGGGCCGACTCTCAG-3' Reverse: 5'-CCACACTTTAACCGTGTCCAC-3'	134
IFIT3 ⁷	Forward: 5'-GAAGGAACTGGGCCGCTGCTAAG-3' Reverse: 5'-GCCCTGGCCCATTTCCTCACTACC-3'	103
IFITM1 ⁸	Forward: 5'-ACTCCGTGAAGTCTAGGGACA-3' Reverse: 5'-TGTCACAGAGCCGAATACCAG-3'	155
IFITM2 ⁸	Forward: 5'-ATCCCGGTAACCCGATCAC-3' Reverse: 5'-CTTCCTGTCCCTAGACTTCAC-3'	291
IFITM3 ⁸	Forward: 5'-GGTCTTCGCTGGACACCAT-3' Reverse: 5'-TGTCCTAGACTTCACGGAGTA-3'	276
IFN- α 1 ⁹	Forward: 5'-TCCATGAGCTGATCCAGCAGA-3' Reverse: 5'-ATTTCTGCTCTGACAACCTCCC-3'	274
IFN- α R1 ¹⁰	Forward: 5'-TTGTGTGAAAGCCAGAGCAC-3' Reverse: 5'-TCAAGAAGACTTTTCGCAGCA-3'	179
IFN- α R2 ¹⁰	Forward: 5'-CACCAGAGTTTGAGATTGTTGG-3' Reverse: 5'-GCTTGCTCATCACTGTGCTC-3'	250
IFN- β ¹¹	Forward: 5'-AAACTCATGAGCAGTCTGCA-3' Reverse: 5'-AGGAGATCTTCAGTTTCGGAGG-3'	168
IL1-RN ³	Forward: 5'-TCATGCTCTGTTCTTGGGAAT-3' Reverse: 5'-GCTTGTCTGCTTTCTGTTC-3'	131
IL-6 ¹²	Forward: 5'-ATGAACTCCTTCTCCACAAGCGC-3' Reverse: 5'-GAAGAGCCCTCAGGCTGGACTG-3'	628
IL-10 ¹³	Forward: 5'-GTGATGCCCAAGCTGAGA-3' Reverse: 5'-CACGGCCTTGCTCTTGTTTT-3'	138

ISG15 ¹⁴	Forward: 5'-GAGAGGCAGCGAACTCATCT-3' Reverse: 5'-AGCATCTTCACCGTCAGGTC-3'	99
ISG20 ¹⁵	Forward: 5'-CGCAGAGGCAGGCAGCAT-3' Reverse: 5'-CATGACCCACCACCAGCTT-3'	307
MIF ¹⁶	Forward: 5'-AGAACCGCTCCTACAGCAAG-3' Reverse: 5'-CCGCGTTCATGTCGTAATAG-3'	99
MX1 ¹⁷	Forward: 5'-ACAATCAGCCTGGTGGTGGTC-3' Reverse: 5'-CCTCCCCTACAGTTTCCTCTCC-3'	565
OAS1 ¹⁷	Forward: 5'-AGGTGGTAAAGGGTGGCT-3' Reverse: 5'-TGCTTGACTAGGCGGATG-3'	472
OAS2 ¹⁸	Forward: 5'-AACCTGGTTGACTTCTCCCAACCT-3' Reverse: 5'-TGTTGGGCTGGAGAACTCCTTGA-3'	131
OAS3 ¹⁸	Forward: 5'-GCTCAGTTCTGGCACCAAACCAA-3' Reverse: 5'-TTCATGAAGTTCCTCCGCAGCTCT-3'	114
PD-L1	Forward: 5'-ACGCATTTACTGTCACGGTTCC-3' Reverse: 5'-GACTTCGGCCTTGGGGTAGC-3'	446
PD-L2 ¹⁹	Forward: 5'-CAACTTGGCTGCTTCACATTTT-3' Reverse: 5'-TGTGGTGACAGGTCTTTTTGTTGT-3'	137
PEDF	Forward: 5'-CTTGACCGGAAGCATGAGTAT-3' Reverse: 5'-CCCTCAGTACGAAGATGAAAGG-3'	398
PGES3	Forward: 5'-GATTCACAAGACAGTGATGATG-3' Reverse: 5'-ATCAACTCAGGAATTCTCTCAA-3'	128
RSAD2 ²⁰	Forward: 5'-TGACGGAACAGATCAAAGCA-3' Reverse: 5'-GCACCAAGCAGGACACTTCT-3'	174

TBP ²¹	Forward: 5'-GCCTCCCCCACCCTTCTTT-3' Reverse: 5'-GCCACACCCTGCAACTCAACATCC-3'	106
TGF- β 2	Forward: 5'-GTACTACGCCAAGGAGGTTTAC-3' Reverse: 5'-TGTGGAGGTGCCATCAATAC-3'	568
TNF- α ¹²	Forward: 5'-TCTCGAACCCCGAGTGACAA-3' Reverse: 5'-TGAAGAGGACCTGGGAGTAG-3'	181
TSP1	Forward: 5'-AAAGGATAATTGCCCAACC-3' Reverse: 5'-CGGTCTCCCACATCATCTCT-3'	177
VEGFA	Forward: 5'-TGCTGTCTTGGGTGCATT-3' Reverse: 5'-GTGCTGTAGGAAGCTCATCTC-3'	365

*References for primers sequences sourced from the literature are provided below.

For primer pairs designed in-house, products were confirmed by sequencing.

B2M = β -2-microglobulin; BST2 = bone marrow stromal antigen 2;

DDX58 = DEXD/H-box helicase 58; EIF2AK2 = eukaryotic translation initiation factor

2-alpha kinase 2; FASLG = Fas ligand; GAPDH = glyceraldehyde-3-phosphate

dehydrogenase; IFIH1 = interferon induced with helicase C domain 1;

IFIT = interferon-induced protein with tetratricopeptide repeats; IFITM = interferon-

induced transmembrane protein; IFN = interferon; IL = interleukin; ISG = interferon-

stimulated gene; MIF = macrophage migration inhibitory factor; MX1 = MX dynamin-

like GTPase 1; OAS = 2'-5'-oligoadenylate synthetase; PD-L = programmed cell

death ligand; PEDF = pigment epithelium-derived factor; PGES3 = prostaglandin E

synthase 3; TBP = TATA-binding protein; TGF- β 2 = transforming growth factor β 2;

TNF- α = tumor necrosis factor α ; TSP1 = thrombospondin 1; VEGFA = vascular

endothelial growth factor A; RSAD2 = radical SAM domain-containing 2.

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