

Supplementary Table 2. List of Primers Used in the Current Study.

Primer Name	Sequence (5' – 3')	Comments
SARS-CoV-2 3' End primer	CTCCTAAGAAGCTATTAAAATCAC	Targets SARS-CoV-2 End. Targets nts 29841-29864 (NC_045512.2)
USJ-1 qPCR primer	CGAGCTTGGCACTGATCCTT	For amplification of GI.535, GI.50, GI.616 US junctions
USJ-2 qPCR primer	AACCCACAGGGTCATTAGCAC	For amplification of GI.535, GI.50, GI.616 US junctions
DSJ-1 qPCR primer	GGACTTCCTTGGAATGTAGTGC	For amplification of GI.464 DSJ
DSJ-2 qPCR primer	GTATTCAAGGCTCCCTCAGTTGC	For amplification of GI.464 DSJ
DSJ-3 qPCR primer	CCTAGACCACCACTTAACCG	For amplification of GI.535, GI.50, GI.616 DS junctions
DSJ-4 qPCR Primer	TCATCCAAATCTGCAGCAGG	For amplification of GI.535, GI.50, GI.616 DS junctions
GAPDH-f qPCR primer	GGTATCGTGGAAGGACTCAT	Used in RT-qPCRs for GAPDH quantification
GAPDH-r qPCR primer	GCAGGGATGATGTTCTGGAG	Used in RT-qPCRs for GAPDH quantification
gRNA3000-f qPCR primer	AACAAGACGGCAGTGAGGAC	Used in RT-qPCRs for SARS-CoV-2 gRNA quantification. Targets nts: 3234-3253 (NC_045512.2)
gRNA3000-r qPCR primer	GCTTCTTCCACAATGTCTGCA	Used in RT-qPCRs for SARS-CoV-2 gRNA quantification. Targets nts: 3391-3411 (NC_045512.2)
18S rRNA-f qPCR Primer	GGCCCTGTAATTGGAATGAGTC	Used for quantification of 18S rRNA
18S rRNA-r qPCR Primer	CCAAGATCCAAC TACGAGCTT	Used for quantification of 18S rRNA
Renilla-f qPCR	TTAGACGGCCTACCCTCTCC	Used for quantification of Renilla mRNA
Renilla-r qPCR	CCCTCGACAATAGCGTTGGA	Used for quantification of Renilla mRNA
A1 Long-range PCR primer	ATTACTGTCGTTGACAGGACACGAGTAA	Used in long-range amplification of GI.50 and GI.616. Targets nts: 143-170 (NC_045512.2)
A2 Long-range PCR primer	ATCACATGGGGATAGCACTACTAAA	Used in long-range amplification of GI.50 and GI.616. Targets nts: 29821-29845 (NC_045512.2)
NarI-f	AGTCCACAAGCACGGCGCCGATCTAAAGTCA	Used to clone pcDNA3.1_3xFLAG-Nsp1/10

NarI/BamHI-r	GATTGTTGTCAATGGCGCCGGATCCCTACTGAAGCATGGGTTTCGCGGA	Used to clone pcDNA3.1_3xFLAG-Nsp1/10
Junction B1 Long-range PCR primer	CAAGAAAACTGGAATGTACAAATACC	Used for long-range PCR of GI.464 and GI.384
Junction B2 Long-range PCR primer	GCCGTCITTTGTTATAC TTCATAGATG	Used for long-range PCR of GI.464
Junction C1 Long-range PCR primer	ATGTTGTTCC TTGGGACAACGCCGAC	Used for long-range PCR GI.384
IFNL1-f qPCR Primer	CGCCTTGGAAGAGTCACTCA	Used for quantification of IFNL1 mRNA
IFNL1-f qPCR Primer	GAAGCCTTAGGTCCCAATTC	Used for quantification of IFNL1 mRNA
TNF-f qPCR Primer	TGCACITTTGGAGTGATCGGC	Used for quantification of TNF mRNA
TNF-r qPCR Primer	CTTGTCACITGGGGTTTCGAGA	Used for quantification of TNF mRNA
CCL5-f qPCR Primer	CGTGCCACATCAAGGAGTAT	Used for quantification of CCL5 mRNA
CCL5-r qPCR Primer	CACTTGCGGATTCITTCGGG	Used for quantification of CCL5 mRNA
CCL2-f qPCR Primer	ACCTCCAGCATGAAAGTCTC	Used for quantification of CCL2 mRNA
CCL2-r qPCR Primer	AAGTGACGGGGGCATTGAT	Used for quantification of CCL2 mRNA
ISG20-f qPCR Primer	TGAGGGAGAGATCACCGATT	Used for quantification of ISG20 mRNA
ISG20-r qPCR Primer	TAGCGGCTCATGTCCTCTTT	Used for quantification of ISG20 mRNA

ISG54-f qPCR Primer	GGTCTTTTCAGCGTTTATTGGG	Used for quantification of ISG54 mRNA
ISG54-r qPCR Primer	TGCCGTAGGCTGCTCTCCA	Used for quantification of ISG54 mRNA
CXCL10-f qPCR Primer	GTGGCATTCAAGGAATACCTC	Used for quantification of CXCL10 mRNA
CXCL10-r qPCR Primer	GCCTTAGATTCTGGATTGAGCA	Used for quantification of CXCL10 mRNA
TLR7-f qPCR Primer	TTGGCACCTCTCATGCTCTG	Used for quantification of TLR7 mRNA
TLR7-r qPCR Primer	GTGTCCACACTGGAAACATCATT	Used for quantification of TLR7 mRNA
TLR8-f qPCR Primer	TTTCTCTTCTCGGCCACCTC	Used for quantification of TLR8 mRNA
TLR8-r qPCR Primer	TCAGCATTGACGACTGAAGGA	Used for quantification of TLR8 mRNA
RIG-1-f qPCR Primer	GGCTGCCACGCTTTTTTCTC	Used for quantification of RIG-1 mRNA
RIG-1-r qPCR Primer	CAATGGCTTCATAAAGTCCAGAAT	Used for quantification of RIG-1 mRNA
IKBKE-f qPCR Primer	GGAAGAGCCTTTGCTGACT	Used for quantification of IKBKE mRNA
IKBKE-r qPCR Primer	GGTTGTGCTCTGCATCTCTCT	Used for quantification of IKBKE mRNA
IFIT1-f qPCR Primer	ACAGCTGCCTAATTCACAGC	Used for quantification of IFIT1 mRNA
IFIT1-r qPCR Primer	GGCCTTTCAGGTGTTTCACA	Used for quantification of IFIT1 mRNA
IFIH1 (MDA5)-f qPCR Primer	ACGGAGGAGGAAGTGTGAC	Used for quantification of IFIH1 mRNA

IFIH1 (MDA5)-r qPCR Primer	CCAGAAATGCAGAGAACCAG	Used for quantification of IFIH1 mRNA
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