

Table 1. Primers for PCR or qPCR

Construct / Oligo	5'-3' Sequence
IFN- $\beta$ qPCR primers	Forward: tgggaggattctgcattacc Reverse: cagcatctgctggtgaa
IP-10 qPCR primers	Forward: tcacggttgagatcattgc Reverse: ggccttcgattctggattcag
CXCL5 qPCR primers	Forward: gctgtcatcctcattgctactg Reverse: agcacttgccactgggtgtag
GAPDH qPCR primers	Forward: caatatgattccaccatgg Reverse: aatgagccccagcttctcc
SARS-CoV-2 qPCR primers	Forward: gcctctctcgttctcatcac Reverse: agcagcatcaccgccattg
PR-8 (Influenza Virus) qPCR primers	Forward: tgaactgagaagcaggctactgg Reverse: gaatgctgccataacgggtg
Sendai virus qPCR primers	Forward: gttgttgagcaccttcgatac Reverse: ggcctagtacgaacactgag

## nCoV-RNA synthesis primers

1-1000	Forward: ttatcgaaattaatacgcactactatagggattaaaggtttataccttc Reverse: agaacgtccgtgtaccaag
1001-2000	Forward: ttatcgaaattaatacgcactactataggggaaaagagctatgaattgca Reverse: tcagtgaatactgtgaaatt
2001-3000	Forward: ttatcgaaattaatacgcactactataggggactcattgatgctatgatg Reverse: ccagactcatcaataagta
3001-4000	Forward: ttatcgaaattaatacgcactactatagggtagttaaattggctcac Reverse: ttctccagagtgtgtgaa
4001-5000	Forward: ttatcgaaattaatacgcactactatagggactaagttcctcacagaaaa Reverse: ggtaatgtgtctactgtt
5001-6000	Forward: ttatcgaaattaatacgcactactatagggccaacgcaagttgtggac Reverse: attggtgctctgtgaaata
6001-7000	Forward: ttatcgaaattaatacgcactactataggggatctgtaccaaccaac Reverse: gtagaftaaagaacctaggc
7001-8000	Forward: ttatcgaaattaatacgcactactatagggcaaccgctgcttaggtgt Reverse: cagacactaatgcctgatct
8001-9000	Forward: ttatcgaaattaatacgcactactatagggatgttggtatagtcggaa Reverse: gctgatgtgcaaagtcagt
9001-10000	Forward: ttatcgaaattaatacgcactactataggggtgtgtttggctgctgaat Reverse: acctgagtactgaagtcat
10001-11000	Forward: ttatcgaaattaatacgcactactatagggctgatgttcttaccacc Reverse: taccctgattgtcttttc
11001-12000	Forward: ttatcgaaattaatacgcactactatagggcacaccactggtgttactc Reverse: accatttttcaaaggctc
12001-13000	Forward: ttatcgaaattaatacgcactactatagggctcactcttctgttttc Reverse: actaccaagtaccatacctc
13001-14000	Forward: ttatcgaaattaatacgcactactatagggtagctgccacagtactct Reverse: tcgcatggcatcacagaatt
14001-15000	Forward: ttatcgaaattaatacgcactactatagggatgctggtattgtgggtg Reverse: tataatcgaaaagtgcactc
15001-16000	Forward: ttatcgaaattaatacgcactactatagggcaaacgtaatgtcatcct Reverse: atagctaaagacacgaaccg
16001-17000	Forward: ttatcgaaattaatacgcactactataggggatgcttaccacttacta Reverse: attgctagaaaactcatctg
17001-18000	Forward: ttatcgaaattaatacgcactactataggggtgcaaatcaaaaagg Reverse: ttgccacattctacgtgga

18001-19000	Fowerd: ttatcgaaattaatacgactcactatagggctttacaagctgaaaatgta Reverse: tcgtgaagaactgggaattt
19001-20000	Fowerd: ttatcgaaattaatacgactcactatagggcattggaaccctaaagcta Reverse: ggcatttctaaataagtcta
20001-21000	Fowerd: ttatcgaaattaatacgactcactatagggcgtaatggtgttcttattac Reverse: cccatttattagctgtatgt
21001-22000	Fowerd: ttatcgaaattaatacgactcactatagggatctcattattagtgatag Reverse: actcactttccatccaactt
22001-23000	Fowerd: ttatcgaaattaatacgactcactatagggcagagtttattctagtgcg Reverse: aagtaacaattaaaaccttc
23001-24000	Fowerd: ttatcgaaattaatacgactcactatagggctcttaaatcatatggtt Reverse: gaaaagtagatcttcaataa
24001-25000	Fowerd: ttatcgaaattaatacgactcactatagggaaacaaagtgacacttgacaga Reverse: taaaatattatctaactcc
25001-26000	Fowerd: ttatcgaaattaatacgactcactatagggagaatcatacatcaccagat Reverse: ctggtaatagctgaagtga
26001-27000	Fowerd: ttatcgaaattaatacgactcactatagggctgtactcaactcaattgag Reverse: acagtgatttcttaggcag
27001-28000	Fowerd: ttatcgaaattaatacgactcactataggggtctacatcacgaacgcttt Reverse: ataccatttagaataagaagt
28001-29000	Fowerd: ttatcgaaattaatacgactcactatagggattagagtaggagctagaaa Reverse: tcagcagcagatttcttagt
29001-29839	Fowerd: ttatcgaaattaatacgactcactatagggggcttctaagaagcctcggc Reverse: gtcatttctctaagaagcta