**Virologica Sinica**

**Supplementary Data**

**ISG20 Inhibits Bluetongue Virus Replication**

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Table S1 PCR primers and siRNA sequences used in this study.

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| Primer | Sequence of oligo nucleotide (5’-3’) | Purpose |
| oISG20-F | GTCCTGGTGGAATATGGCAAGGAG | Gene cloning |
| oISG20-R | CAGCCCTCACTGCTCTCGAATTC |  |
| oISG20-HA-F | CCGCTCGAGGCAAGGAGAGAGGACGTGGTAG | Construction of oISG20-HA |
| oISG20-HA-R | CGCGGATCCTCACTGCTCTCGAATTCTCCTGG |  |
| pc3.1MHS1F | ATAAGAATGCGGCCGCACCatggtcgcaatcaccgtgcaag | Construction of BTV viral protein expression plasmids |
| pc3.1MHS1R | CGCGGATCCaacgaattggttttcaagatttc |  |
| pc3.1MHS2F | CCGGAATTCACCATGGATGAACTAGGCATCCCAG |  |
| pc3.1MHS2R | CCCAAGCTTTACGTTGAGAAGTTTTGTCAG |  |
| pc3.1MHS3F | CCGGAATTCACCATGGCTGCTCAGAATGAGCAAC |  |
| pc3.1MHS3R | CCCAAGCTTCACAGTTGGCGCAGCCAGCTTG |  |
| pc3.1MHS4F | CCGGAATTCACC ATGCCTGAGCCACACGCAGTAC |  |
| pc3.1MHS4R | CCCAAGCTTTAAGTGACGCAGTAATTCTAGC |  |
| pc3.1MHS5F | CCGGAATTCACCATGGGTAAAGTCATACGGTCCTTAAAC |  |
| pc3.1MHS5R | CCCAAGCTTAGCATTTCGTAAGAAGAGTGGTACGTC |  |
| pc3.1MHS6F | CCGGAATTCACCatggagcgctttttgagaaaatac |  |
| pc3.1MHS6R | CGCGGATCCatactccatccacatctgagac |  |
| pc3.1MHS7F | CCGGAATTCACCATGGACACTATCGCTGCAAGAGCAC |  |
| pc3.1MHS7R | CCCAAGCTTCACATAGGCGGCGCGTGCAATAGC |  |
| pc3.1MHS8F | ATAAGAATGCGGCCGCACCATGGAGCAAAAGCAACGTAGATTTAC |  |
| pc3.1MHS8R | CGCGGATCCAACGCCGACCGGCAATATGATCAAG |  |
| pc3.1MHS9F | ATAAGAATGCGGCCGCACCATGTCAGCTGCGATGCTTCTTG |  |
| pc3.1MHS9R | CCGGAATTCGAGGTGATCGATCAAATGCAGG |  |
| pc3.1MHS10F | CCGGAATTCACCATGCTATCCGGGCTGATCCAAAG |  |
| pc3.1MHS10R | CGCGGACTCGGTTAATGGTAATTCGAAACCATC |  |
| D94G-1-F | ACCCGGGCATGCCTCGAGGCAAGGAGAGAGGAC | Construction of mut-oISG20-HA |
| D94G-1-R | CTTCAGCGCCTTGAAGCCGTGCTTCAGATCATG |  |
| D94G-2-F | TTCAAGGCGCTGAAGGAGAACATGAGCAGC |  |
| D94G-2-R | GATGAGCTCGGATCCTCACTGCTCTCGAAT |  |
| qoISG20-F | TGCTCTGCTCACCCCAACT | qRT-PCR |
| qoISG20-R | CCGTTCCCCTTTTGCTCTC |  |
| qβ-actin-F | CCCTGGAGAAGAGCTACGAG | qRT-PCR |
| qβ-actin-R | GAAGGAAGGCTGGAAGAGAG |  |
| qBTV NS1-F | TGATTATTGTGCGTGAGGGAT | qRT-PCR |
| qBTV NS1-R | GGTTGGGATTTGCTTTGAGTG |  |
| qBTV VP6-F | GAGGTGGAGATGCTGATG | qRT-PCR |
| qBTV VP6-R | GATGATTTGTGCTGGGAC |  |
| qBTV NS3-F | AAGAGCTGAGTCTGGTCCGT | qRT-PCR |
| qBTV NS3-R | AAGTGCAACAGTAGGCATCG |  |
| si-oISG20-1 | CCGUGCUGUACGACAAGUUTT | Knockdown of oISG20 |
| si-oISG20-2 | GCCAUGAUCUGAAGCACGATT |  |
| si-oISG20-3 | CCGCAUCUCCAGGAGAAUUTT |  |
| si-oISG20-NC | UUCUCCGAACGUGUCACGUTT |  |