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**Supplementary Data**

**Zika virus non-structural protein 4B interacts with DHCR7 to facilitate viral infection**

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**Supplementary Table S1** Primer sets used in this study.

|  |  |  |
| --- | --- | --- |
| **Primer** | **Orientation** | **Sequences (5**′ **to 3**′**)** |
| ***For real time PCR*** | | |
| ZIKV-NS5 | Forward | GGTCAGCGTCCTCTCTAATAAACG |
|  | Reverse | GCACCCTAGTGTCCACTTTTTCC |
| DHCR7 | Forward | GCTGCAAAATCGCAACCCAA |
|  | Reverse | GCTCGCCAGTGAAAACCAGT |
| GAPDH | Forward | AAGGCTGTGGGCAAGG |
|  | Reverse | TGGAGGAGTGGGTGTCG |
| IFN-β | Forward | GCCGCATTGACCATCTATGAGA |
|  | Reverse | GAGATCTTCAGTTTCGGAGGTAAC |
| ISG15 | Forward | GGCTGGGACCTGACGGTGAAG |
|  | Reverse | GCTCCGCCCGCCAGGCTCTGT |
| ISG56 | Forward | TTCGGAGAAAGGCATTAGA |
|  | Reverse | TCCAGGGCTTCATTCATAT |
| ***For HA-DHCR7 mutagenesis*** | | |
| DHCR7 G410S | Forward | TTCAACTACGTCAGCGACCTGATGGGCAGC |
|  | Reverse | CATCAGGTCGCTGACGTAGTTGAAGTGGC |