**Supplementary Table 7. Sequence and characterization of target regions of siRNAs.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Target region | siRNA | Target Sequences | Local | Conservation | Average SHAPE reactivity | Number of unpaired bases |
|  Single-Strand | ss-1 | UCAAUUCAACUAAACGAAA | 5'UTR(58-76 nt) | 88.96% | 0.90 | 15 |
| ss-2 | GGCUUAUAAGUCCGUUUUU | Nsp3(4462-4480 nt) | 97.37% | 0.54 | 10 |
| ss-3 | GUACCCUAUUAUUGUUUUC | S(21738-21756 nt) | 86.90% | 0.81 | 13 |
| ss-4 | GGCUGUUUUUAUUUCUCCU  | Nsp13(16899-16917 nt) | 92.25% | 0.44 | 12 |
| Dual-Strand | ds-1 | CCACCAGCACUCAAUGGUA | Nsp2(2855-2873 nt) | 92.38% | 0.08 | 2 |
| ds-2 | GGUGGUGACCAUUACAUCA | ORF3(25235-25253 nt) | 90.01% | 0.16 | 2 |
| ds-3 | UGUUAUUGCCAUCGCUGGC | S(24128-24146 nt) | 88.96% | 0.09 | 3 |
| ds-4 | GAGCGCGAGGCGAUCAUUA  | Nsp3(4613-4631 nt) | 95.40% | 0.27 | 3 |
| Non-target control | siRNA-NC | UCCAGAUCUGUAAGGGUAC | -- | -- | -- | -- |