**Table S1**. Primers for plasmid pHSV-1-NSP2-mCherry construction.

|  |  |  |
| --- | --- | --- |
| **amplified DNA segment** | **primers** | **oligonucleotide sequence** |
| NSP2 | forward | 5’-gatcgaattc**atg**gctgagctagcttgcttt-3’ |
|  | reverse | 5’-gatcacgcgtaacgccaacttgagaaacttc-3’ |
| mCherry | forward | 5’-gatcgtcgac**atg**gtgagcaagggcgaggag-3’ |
|  | reverse | 5’-gcatcccgggcttgtacagctcgtccatgcc-3’ |
| pCI-NSP2-mCherry | forward | 5’-gatcgtcgac**atg**gctgagctagcttgcttt-3’ |
|  | reverse | 5’-gatcgaattc**tta**cttgtacagctcgtccat-3’ |

\*Restriction enzyme sites are underlined

\*\*Initiation and stop codons are labeled in bold