

Supplemental Table 1

| Plasmid | Forward Primer 5' → 3' | Reverse Primer 5' → 3' |
|--------------------------------------|--|---|
| N-XhoI/pSG130B/S | ACGGCAGCCGCTCGAGGCGGTC ATGGCG | CGCCATGACCGCCTCGAGCGGCTG CCGT |
| N-Venus ^{a.a.1-154} /ICP27* | GCGCTCGAGATGGTGAGCAAGG GC | GCGCTCGAGTGGTGGCGATGGATCT GGCGGTG ATATAGACGTTGTG |
| ICP27/C-Venus ^{a.a.155+} * | GCGAATTCCGTCCGGCGTGCAA AATCCCG AACGACCTGAAACAGAAAGTCAT GAACCA CGACAAGCAGAAGAACGGCATC | CGCGAATTCTTACTTGTACAGCTCGT C CATGCC |
| N-Venus ^{a.a.155+} /ICP27* | CGCTCGAGATGGACAAGCAGAA GAACGGC | CGCTCGAGGTGGTTCATGACTTTCT GT TTCAGGTCGTTCCGGGATTTTGCACG CC GGACGCTTGTACAGCTCGTCCAT |
| ICP27C-Venus ^{a.a.1-154} * | CGGAATTCAGATCCATCGCCAC CATGGTGA GCAAGGGCGAG | CGGAATTCTTAGGCGGTGATATAGA CGTTGTG |
| ICP27/C-YFP | CGCGAATTCTACCGGTCGCCAC CATGG | CGCGAATTCTTACTTGTACAGCTCGT CCATGCC |
| N-CFP/ICP27 | CGCGAATTCCTACCGGTCGCCA CCATG | CGCGAATTCCTTGTACAGCTCGTCC AT |

*Linker sequences are
in blue