

Figure S1. Myristoylation played a decisive role in determining VP0 subcellular localization. pVP0-WT-eGFP was transfected into BHK-21 cells and BHK-NMT1-KO cells respectively. pVP0-G1A-eGFP was transfected into BHK-21 cells. After 24 h transfection, the subcellular localization of VP0-WT and VP0-G1A were observed under an inverted fluorescent microscope.

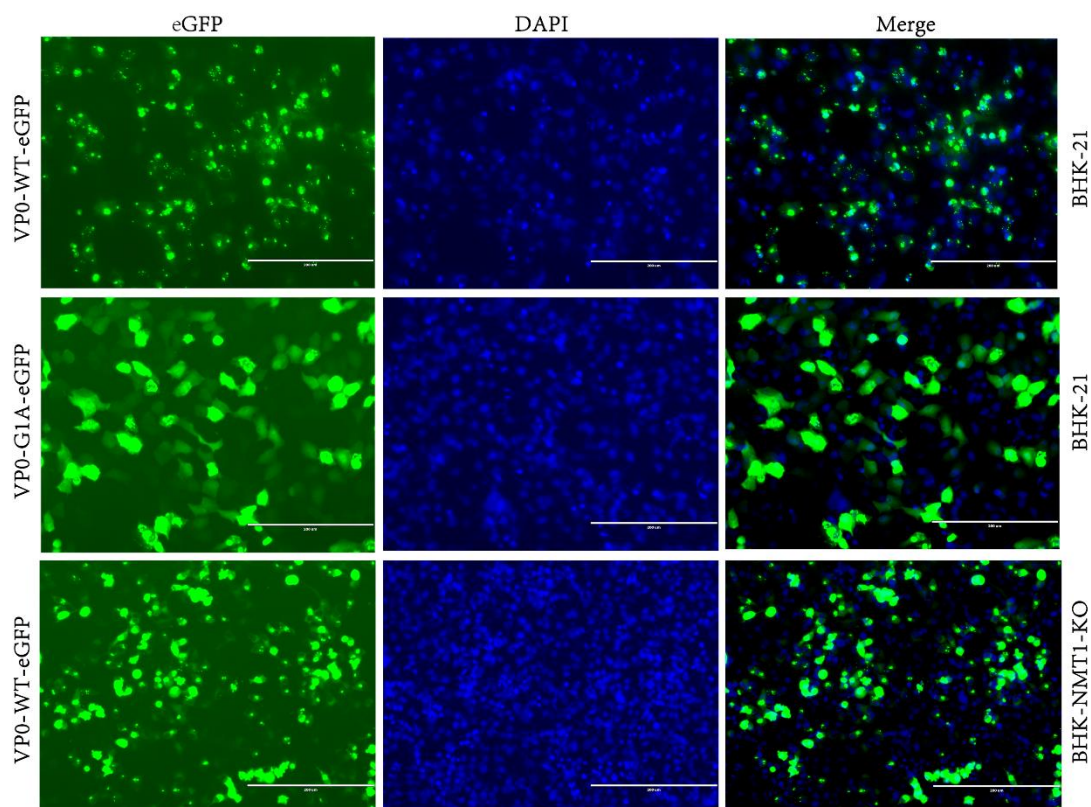


Table S1

Primers used in plasmid construction

Primer name	Primer sequence (5'-3')
NMT1-NheI-F	AGGCTAGCGCCACCATGGCGGATGAGAGTGAGACAGCAG
NMT1-NotI-R	AGCGGCCGCTATTACTGTAAACACCAACCCAACCTTC
VP0-NheI-F	TTAATACGACTCACTATAGGCTAGCGCCACCATGGGTAATGTTTCAG ACAACCTCAAAG
VP0-linker-R	GCTGCCGCCTCTTTTGCGGCAGCTTCCTGTTCTCGTCCGTCCCG GTCGTGAAAC
eGFP-linker-F	GAAGCTGCCGCAAAAGAGGCGGCAGCCAAGATGGTGAGCAAGG GCGAGGAGCTG
eGFP-NotI-R	TATCTTATCATGTCTGCTCGAAGCGGCCGCTTA CTTGACAGCTCGTCCATGCCG
VP0-NheI-F	CTATAGGCTAGCACTAGTTAATAC
VP0-G1A-SacII-R	TTGCCGCGGAATCAAATCATTCTTTGAGGTTGTCTGAACATTG CCCTGTAGTTC

VP0-G1K-SacII-R	TTGCCGCGGGAATCAAATCATTCTTTGAGGTGTCTGAACATTCT TCTGTAGTTC
VP0-T5A-SacII-R	TTGCCGCGGGAATCAAATCATTCTTTGAGGTGCCCTGAACATT CCCTGTAGTTC
VP0-T5K-SacII-R	TTGCCGCGGGAATCAAATCATTCTTTGAGGTCTTCTGAACATT CCTGTAGTTC

Table S2

sgRNA used in BHK-NMT1-KO construction

sgRNA name	oligos (5'-3')
sgRNA-1	CACCGCTGCAGCGATTGCGAGAACG
sgRNA-2	CACCGCAATGACACAGATTCAGCCC
sgRNA-3	CACCGTCGCTGCCGCAGATGATGGA