

## Electronic Supplementary Material

### Human cytomegalovirus miR-US5-1 inhibits viral replication by targeting Geminin mRNA

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Table S1. Primer sequences used in plasmid construction

Products	Primer sequences
pMIR-NUDT5	F: 5' <u>GGACTAGTGAAGAAGAACTGGCTACA</u> 3' R: 5' <u>CCCAAGCTTGTTCATCATCACGCAAAGC</u> 3'
pMIR-GMNN-Wt	F: 5' <u>GGACTAGTGAAGAAGAACTGGCTACA</u> 3' R: 5' <u>CCCAAGCTTAGTGTTCATATTTGGGCTTA</u> 3'
pMIR-RPL5	F: 5' <u>GGACTAGTAAGTGGAGGTGACTGGTG</u> 3' R: 5' <u>CCCAAGCTTATGATGTGCTTCCGATGT</u> 3'
pMIR-PCGF2	F: 5' <u>GGACTAGTCTAAAAGCACAGAAGACAG</u> 3' R: 5' <u>CCCAAGCTTCAAAGGAGGGTACAGTCA</u> 3'
pMIR-NFIX	F: 5' <u>GGACTAGTGGTAGTTTACTGTCTGTTTT</u> 3' R: 5' <u>CCCAAGCTTTATTTTACATACACATTAGC</u> 3'
pMIR-OAZ1	F: 5' <u>GGACTAGTTTGCTTCATGGCCTACAC</u> 3' R: 5' <u>CCCAAGCTTACTTCAAGAAATACACCGCTA</u> 3'
pMIR-APAF1	F: 5' <u>GGACTAGTACTCCTGTTGCCGTTTCC</u> 3' R: 5' <u>CCCAAGCTTTGGGCTCATTCTTACTTTT</u> 3'
pMIR-RPS18	F: 5' <u>GGACTAGTATCCCAGACTGGTTCTTGAAC</u> 3' R: 5' <u>CCCAAGCTTTTTTGTATATAAACTATTTATT</u> 3'
pMIR-STYXL1	F: 5' <u>GGACTAGTGGTATCAGCCGAGTTGT</u> 3' R: 5' <u>CCCAAGCTTAGACTTTTCAAGCAGCAAA</u> 3'
pMIR-DLC1	F: 5' <u>GGACTAGTTCTCCAACAAAGGTCCAG</u> 3' R: 5' <u>CCCAAGCTTGGTGCCTACAAGTACAAAATA</u> 3'
pMIR-SIN3B	F: 5' <u>GGACTAGTTCCTGATGCCTTTGACTC</u> 3' R: 5' <u>CCCAAGCTTGAAAAGGAAAACACTACATTCA</u> 3'
pMIR-GMNN-Mut	F: 5' ATGAGCTGTCCGCAGT <b>TG</b> AGTCCAAAAGGAAACATC 3' R: 5' GATGTTTCCTTTGGACT <b>ACT</b> GCGGACAGCTCAT 3'

Note: sequences recognized by restriction endonucleases are down lined; the mutant nucleotides are in bold.