

## Electronic Supplementary Material

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

Shujuan Jiang<sup>1,2</sup>, Yujing Huang<sup>1</sup>, Ying Qi<sup>1</sup>, Rong He<sup>2✉</sup>, Zhongyang Liu<sup>1</sup>, Yanping Ma<sup>1</sup>, Xin Guo<sup>1</sup>, Yaozhong Shao<sup>1</sup>, Zhengrong Sun<sup>1</sup>, Qiang Ruan<sup>1✉</sup>

1. Virus Laboratory, the Affiliated Shengjing Hospital, China Medical University, Shenyang 110122, China

2. Clinical Genetics, the Affiliated Shengjing Hospital, China Medical University, Shenyang 110122, China

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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>CCCAAGCTTTTTTTGTATATAAACTATTTATT</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.