

**Table S3: primer pairs for plasmid construction.**

<b>Primer pairs for luciferase plasmid construction</b>		
<b>Gene</b>	<b>Forward</b>	<b>Reverse</b>
NUSAP1	5'-TAATTTTTTAAACATCTTGTAATA-3'	5'-ATGACAATGAGAAAAATTTTA-3'
CDCA2	5'-TTGACATTTCTGCAGAGTCTGTG-3'	5'-TTTTCTATCTGAATGATGAAGAACTTA-3'
BUB1b	5'-GCTAGGCAATCAAGTCTC-3'	5'-TTAGAAGCACAAATTTAACAG-3'
FOXM1	5'-AGCCCTGCCCTTGCCCCTGT-3'	5'-TGTCCACCTTCGCTTTTATTG-3'
ID4	5'-GCCGCGCTGTCCAGGTGT-3'	5'-TACAAGACAGAGAAATCTACT-3'
OLFM4	5'-CACTAGAGATCTAGGACAT-3'	5'-TAGAATATATAAGCATGCC-3'
<b>Primer pairs for CMV-CDCA2 and CMV-ID4 plasmids construction</b>		
<b>Gene</b>	<b>Forward</b>	<b>Reverse</b>
CDCA2	5'-ATGGATGCCAATTCAAAGACAAGC-3'	5'-TCACTGCTTTCTTTCTCCATTATGTTCAATC-3'
ID4	5'-ATGAAGGCGGTGAGCCCGGTGCGC-3'	5'-TCAGCGGCACAGAATGCTGTCGCC-3'
<b>Oligos for point mutation of SAmiR-486-5p seed region on ID4's 3'UTR</b>		
sense	5'-CACCTTATCAGTTTTTAAGTAAGGGTTTTATAGTGTAATATATACAG-3'	
antisense	5'-CTGTATATATTACACTATAAAACCCCTTACTTAAAACTGATAAGGTG-3'	
<b>Oligos for point mutation of SAmiR-494 seed region on CDCA2's 3'UTR</b>		
sense	5'-TCCCATTCTCTGTTCAACCTCAGTGCATCAAAGTTCCTAATAAATAAACTC-3'	
antisense	5'-GAGTTTATTTATTAGGAACCTTTGATGCACTGAGGTTGAACAGAGAATGGGA-3'	