

## Electronic Supplementary Material

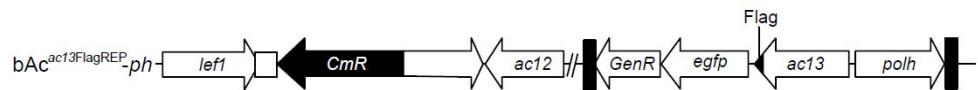
### Autographa californica Multiple Nucleopolyhedrovirus orf13 Is Required for Efficient Nuclear Egress of Nucleocapsids

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**Fig. S1** Schematic diagram of bAc<sup>ac13FlagREP</sup>-*ph* construction. The *ac13* gene tagged at the C terminus with Flag epitope sequence (black triangle) under its own promoter, together with the *egfp* and *polh* genes, were inserted into the *polh* locus of bAc<sup>ac13KO</sup> to generate bAc<sup>ac13FlagREP</sup>-*ph*.

**Table S1.** Primers used in this study.

Primer name	Primer sequence (5'-3') <sup>a</sup>
<i>ac13-US-F (SacI)</i>	<u>CGAGCTCGCAAAGTTGGACAGTGATTAC</u>
<i>ac13-US-R (BamHI)</i>	<u>CGGGATCCTGTACTTGAAACTGTGCG</u>
<i>CmR-F (BamHI)</i>	<u>CGGGATCCTGTAGGCTGGAGCTGC</u>
<i>CmR-R (HindIII)</i>	<u>CCCAAGCTTCATATGAATATCCTCCTAGTTCC</u>
<i>ac13-DS-F (HindIII)</i>	<u>CCCAGCTTGTACCAAACGCGATCTAAC</u>
<i>ac13-DS-R (Xhol)</i>	<u>CCGCTCGAGCTTCCATGTCGTTCAAAGC</u>
<i>ph-F (EcoRI)</i>	<u>CGGAATTACCATCTCGCAAATAAATAAG</u>
<i>ph-R (SacI)</i>	<u>CGAGCTCTGTATCGTGTAAATACGCC</u>
<i>egfp-F (SmaI)</i>	<u>CCCCGGATGGTGAGCAAGGGCGAGGAGC</u>
<i>egfp-R (Xhol)</i>	<u>CCGCTCGAGTCACTGTACAGCTCGTCCATGCCGAG</u>
Dual- <i>ac13</i> -F1	<u>CCGGAGTAGGTCGTAGACGCCGATTAC</u>
Dual- <i>ac13</i> -R1	<u>CAGAATTCTACAATACTCCTGTATAACCTCTCAAC</u>
Dual- <i>ac13</i> -R2	<u>TTACTTATCGTCGTACCTTGTAAATCCAATACTCCTGTATAACCTCTCAAC</u>
pFast- <i>ac13</i> -F1	<u>TATTGTAAGAATTCTGCAGATATCCAGCAC</u>
pFast- <i>ac13</i> -F2	<u>TGACGACGATAAGTAAGAATTCTGCAGATATCCAGCAC</u>
pFast- <i>ac13</i> -R1	<u>CTACGACCTACTCCGGAATATTAATAGATCATGGAG</u>
<i>ie1</i> -F	ATGACGCAAATTAAATTAAACGCGTC
<i>ie1</i> -R	CATATTGTTGGGGATTGTCGG
<i>gp64</i> -F	ATGGTAAGCGCTATTGTTATATGTGC
<i>gp64</i> -R	GAAGTCAATTAGCGGCCATTG
<i>vp39</i> -F	CGACAAATGAGAGTTAATCGCTGC
<i>vp39</i> -R	TTAGACGGCTATTCCCTCACCTG
<i>ac13</i> -F	ATGCTATCCTGGTTATGG
<i>ac13</i> -R	TTACAATACTCCTGTATAACCTC
<i>qgp41</i> -F	CGTAGTGGTAGTAATCGCCGC
<i>qgp41</i> -R	AGTCGAGTCGCGTCGCTT
<i>qie1</i> -F	TGTGATAAACAAACCAACGAC
<i>qie1</i> -R	GTTAACGAGTTGACGCTTG
<i>qpe38</i> -F	AATGGAACACAGCAGCGAATGA
<i>qpe38</i> -R	GTCGCACGTAGTCGGAATC
<i>qgp64</i> -F	ACGACCTGATAGTCTCCGTG
<i>qgp64</i> -R	TGTAGCAATTACTGGTGTGTC
<i>qvp39</i> -F	TTGCGCAACGACTTATACC
<i>qvp39</i> -R	TAGACGGCTATTCCCTCCACC
<i>qpolh</i> -F	TTAGGTGCCGTTATCAAGA
<i>qpolh</i> -R	GCCACTAGGTAGTTGTCT
<i>q18s</i> -F	TACCGATTGAATGATTAGTGAGG
<i>q18s</i> -R	TACGGAAACCTTGTACGACTTT
pIB-F1	<u>GTCCAGTGTGGTGGAAATTCTG</u>
pIB-F2	<u>CGGCGGCAGCGCGGGCAGCCCCGGGATGGTGAGCAAG</u>

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	GGCGAGGAGC
pIB-R	<u>TAGTGGATCCGAGCTCGGTAC</u>
pIB- <i>egfp</i> -F	<u>GAGCTCGGATCCACTAATGGTGAGCAAGGGCGAGGAGC</u>
pIB- <i>egfp</i> -R	<u>TTCCACCACACTGGACCTACTTGTACAGCTCGTCCATGCCGA</u> G
pIB- <i>ac13</i> -F	<u>GAGCTCGGATCCACTAATGCTATCCTGGTTATGG</u>
pIB- <i>ac13</i> -R	<u>GCCGCCGCTGCCGCCGCTGCCGCCAATACTCCTGTAT</u> AAC
<i>ac13</i> - $\Delta$ NLS-F	<u>GCCAAGAGGACGACATGGAAGTACTCTATGAC</u>
<i>ac13</i> - $\Delta$ NLS-R	<u>ATGTCGTCCCTTTGGCCCCAAACAAAAAGC</u>
<i>ac13</i> -GSP1	GATTACGCCAAGCTTGTATGTCGCGCGAACGTCACCGT GC

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<sup>a</sup> Restriction sites and homologous sequences were underlined.