Electronic Supplementary Material

Plutella xylostella granulovirus late gene promoter activity in the context of the Autographa californica multiple nucleopolyhedrovirus genome

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Table S1. PCR primers used in this study

Name	Sequence (5′–3′)[a]	RE site
P_{acvp39}-UP	CGATTACGTACTCAAGTTGTGCGAAAC	*SnaB* I
P_{acvp39}-DP	CTCGGATCCAATATTGTTGCCGTTATAAAT	*BamH* I
P_{pxvp39}-UP	TGCATACGTAGGATCCCCGTAAAC	*SnaB* I
P_{pxvp39}-DP	GGCGGGATCCAATCATTTTAATGTTTTAATT	*BamH* I
$P_{pxvp39L}$-UP	TCATCGTGTGCGGTAAAAAGGGTTC	-
P_{pxvp39}-DP	CCGGAATTCTCGCAGGCTAATAATTTTAATGTTT	*EcoR* I
$P_{acp6.9}$-UP	GGTCGACGTACCAAATTCCGTTTTGCGACG	-
$P_{acp6.9}$-DP	GGTCGACGGATCCGTTTAAATTGTGTAATTTATG	*BamH* I
$P_{pxp6.9}$-UP	CCCCTCGTTATCGAAAACATTGCCAT	-
$P_{pxp6.9}$-DP	ATAGGATCCGGCGTCTTACCAGTTTGTCT	*BamH* I
P_{ace25}-UP	CTAAGGCCTTGTTCGATGCAATGAT	*Stu* I
P_{ace25}-DP	CCCCACAGGATCCGTTTTAATTTAC	*BamH* I
P_{pxe25}-UP	CTGAATACGGTAGCTCGTCGGCG	-
P_{pxe25}-DP	CGCGGATCCCAACAGTTTTTATTCTC	*BamH* I
P_{ace18}-UP	CGCGCCCAAGCAGCGTATATTAAGT	-
P_{ace18}-DP	CGCGGATCCATTATTGTACCGAGTC	*BamH* I
P_{pxe18}-UP	CTCAAACCGGGAGACGTCCTGTACC	-
P_{pxe18}-DP	CGCGCGGATCCCTTATTATTTTATCTTATG	*BamH* I
P_{acgp41}-UP	GCATTACGTATCGGCGCGTCAGTTTT	*SnaB* I
P_{acgp41}-DP	CGGGCATCTGGGATCCTTTTTATTTGT	*BamH* I
P_{pxgp41}-UP	TTGCGTGCTGCTAACCGTATTGAT	-
P_{pxgp41}-DP	TCTGGATCCTAGTCTTAAAGATAACGGC	*BamH* I
$P_{pxgp41L}$-UP	GAGCTGACCGAATACGTAGAGGGAG	*SnaB* I
P_{pxgp41}-DP	TCTGGATCCTAGTCTTAAAGATAACGGC	*BamH* I
P_{acpk1}-UP	TCGTCGACGTACGTATATGCTTTGTTGT	*SnaB* I
P_{acpk1}-DP	TGGCGGATCCGAATCGTAGATATGAAT	*BamH* I
P_{pxpk1}-UP	AATCGACGTACGAGTGCGTGGAG	-
P_{pxpk1}-DP	GCGTGGATCCAAACGATAACAATGT	*BamH* I
P_{pxgran}-UP	GCCCAACATACCGGACGCTATCACAAC	-
P_{pxgran}-DP	CGCGGATCCAATGTTTTTGTAAAAATAAAAATTC	*BamH* I
$P_{pxorf21}$-UP	GGCGTTTCACGTAAAATTGTGCTCAT	-
$P_{pxorf21}$-DP	TACGGATCCTGGAGATGTTATCGAAATT	*BamH* I
$P_{pxorf50}$-UP	TTTACGTACTGCGGAAACGGTTGC	-
$P_{pxorf50}$-DP	GGCGGGATCCGTAAATCTTCTTATGTAT	*BamH* I
$P_{pxe18n95x}$-U	GATCGACAAGTAATG**TCAAG**GGTGTAAAAAAATT	-
$P_{pxe18n95x}$-D	GACATTACTTGTCGATCGCACAATTATGTACAT	-
$P_{pxe18n76x}$-U	GGGTGTAAAAAAA**TTACG**TCAATTAAAAAAC	-
$P_{pxe18n76x}$-D	GTAATTTTTTTACACCCTTAACATTACTTG	-
$P_{pxe18n20x}$-U	TAAATTTATTTGTAAC**ATACG**ATAAAATAATAAG	-
$P_{pxe18n20x}$-D	GTATGTTACAAATAAATTTAAAAGCGTATTC	-
$P_{pxe18n7x}$-UP	CATAAGATAAAATA**ATACG**GGATCCCGGTC	-
$P_{pxe18n7x}$-DP	GTATTATTTTATCTTATGTTACAAATAAATTT	-

Note: [a] sequences of restriction sites are underlined; the mutated late promoter motifs of PlxyGV *e18* promoter are in bold and underlined.