

**Molecular Characterization of Viral Responsive Protein 15 and Its
Possible Role in Nuclear Export of Virus in Black Tiger Shrimp
*Penaeus monodon***

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Supplementary Information

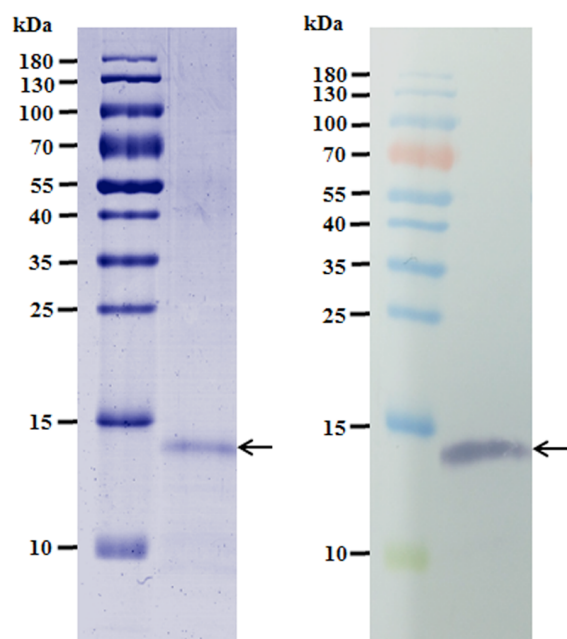


Fig. S1 15% SDS-PAGE of purified *rPmVRP15* by Coomassie brilliant blue staining (A) and Western blotting (B). The arrows indicate *rPmVRP15*, which appeared just below 15 kDa, close to the estimated size of *rPmVRP15* (15.86 kDa).

Table S1 Nucleotide sequences of the primers

Primer	Sequence (5'-3')	Usage
EF1- α QF	GGTGCTGGACAAGCTGAAGGC	qRT-PCR
EF1- α QR	CGTTCCGGTGATCATGTTCTTGATG	qRT-PCR
GFP-F	ATGGTGAGCAAGGGCGAGGA	dsRNA synthesis
GFP-R	AGAAGGAAGGGCGCTGAC	dsRNA synthesis
VP28-FRT	TCACTCTTTCGGTCGTGTCG	RT-PCR
VP28-RRT	CCACACACAAAGGTGCCAAC	RT-PCR
VP28QF	GGGAACATTCAAGGTGTGGA	qRT-PCR
VP28QR	GGTGAAGGAGGAGGTGTTGG	qRT-PCR
<i>Pm</i> VRP15-1F RNAi	GGATCCTAATACGACTCACTATAGGCGCGA CCGAGCCAAGAGAACAT	dsRNA synthesis
<i>Pm</i> VRP15-1R RNAi	TGAGCTGACGGAAGGCCACAGA	dsRNA synthesis
<i>Pm</i> VRP15-2F RNAi	CGCGACCGAGCCAAGAGAACAT	dsRNA synthesis
<i>Pm</i> VRP15-2R RNAi	GGATCCTAATACGACTCAC TATAGGTGAGCTGACGGAAGGCCACAGA	dsRNA synthesis
<i>Pm</i> VRP15-QF	CGTCCTTCAGTGCGCTTCCATA	qRT-PCR
<i>Pm</i> VRP15-QR	ACAGCGACTCCAAGGTCTACGA	qRT-PCR
<i>Pm</i> VRP15-RTF	CGATCACCCTCTCGTTCTT	RT-PCR
<i>Pm</i> VRP15-RTR	ACAGCGACTCCAAGGTCTACGA	RT-PCR
WSSV1011F	TGGTCCCGTCCTCATCTCAG	WSSV copy number detection
WSSV1079R	GCTGCCTTGCCGGAATTA	WSSV copy number detection

Full-length blots

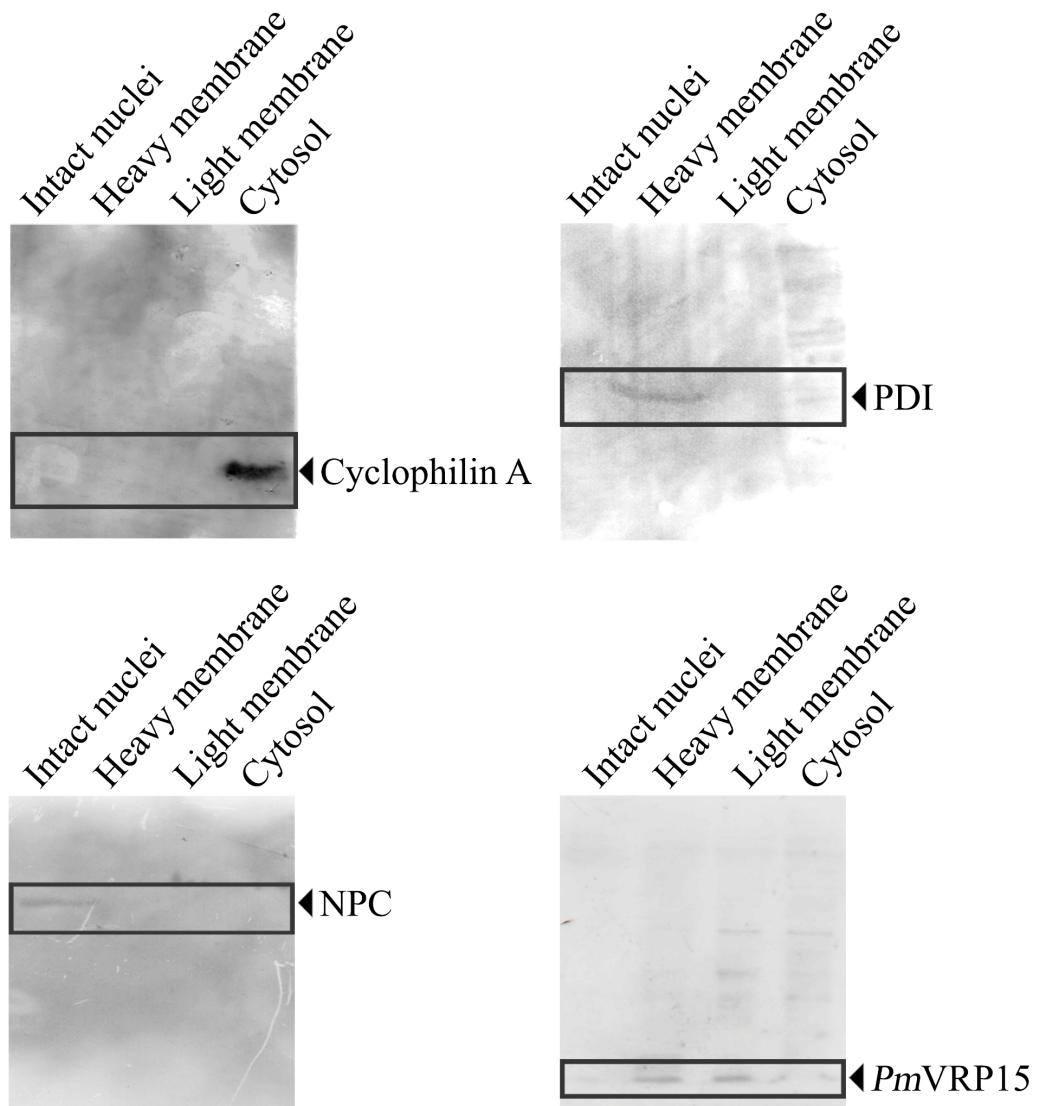


Fig. 4

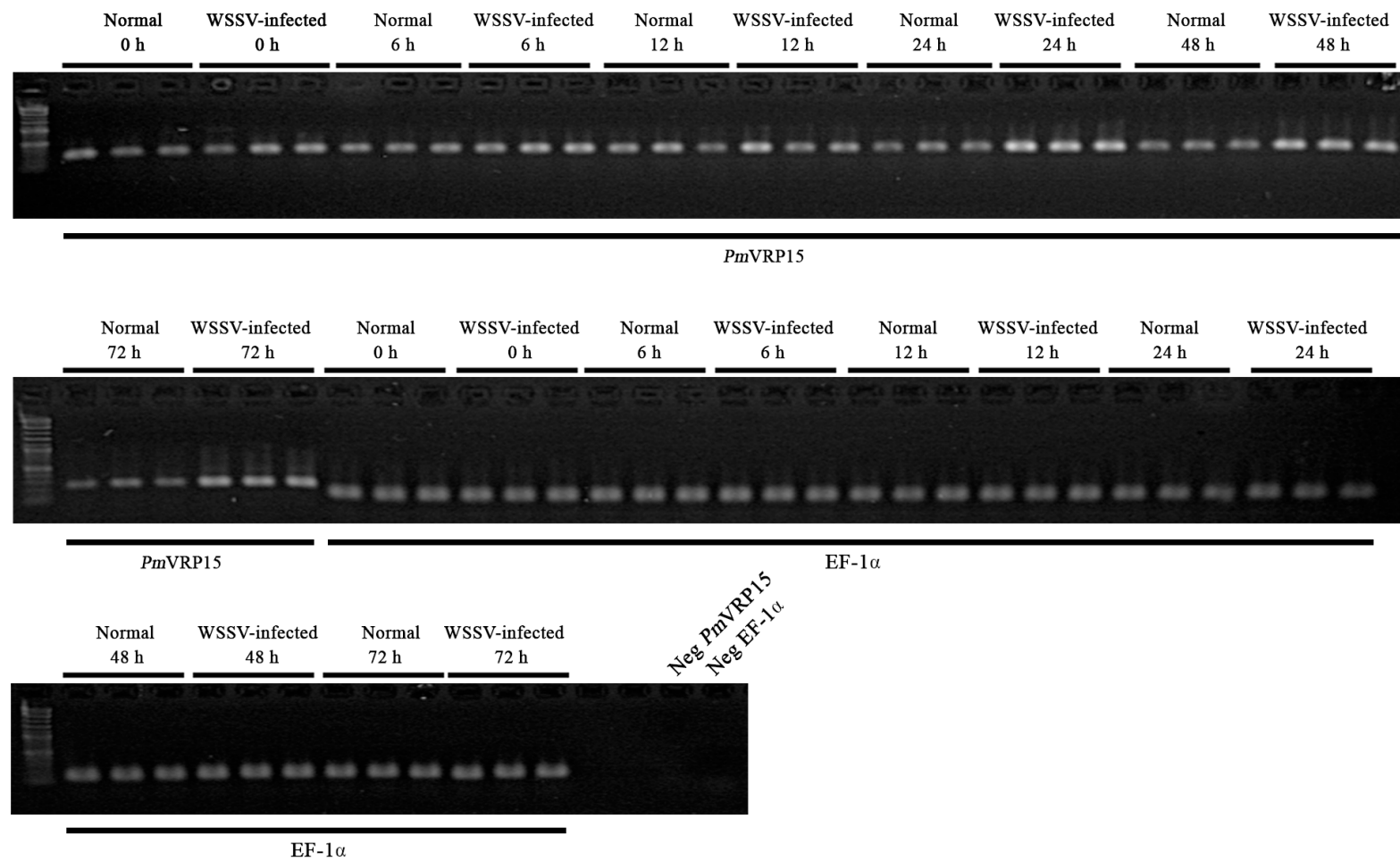


Fig. 5

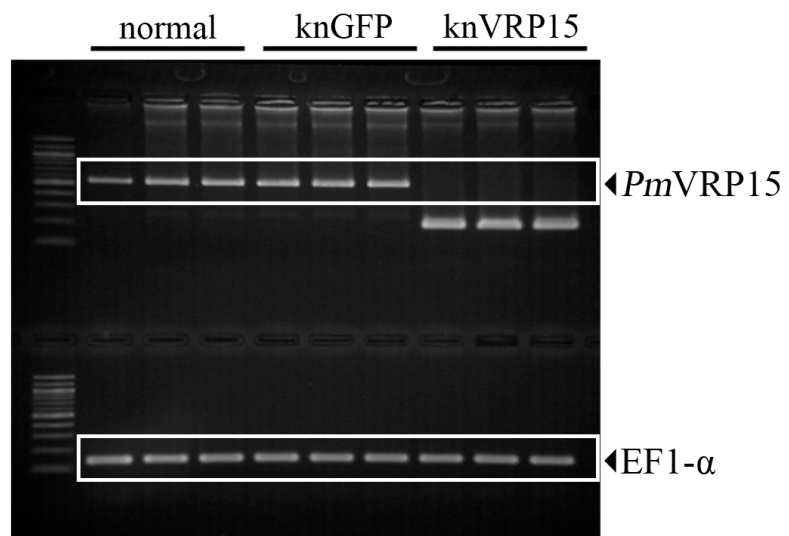


Fig. 6a

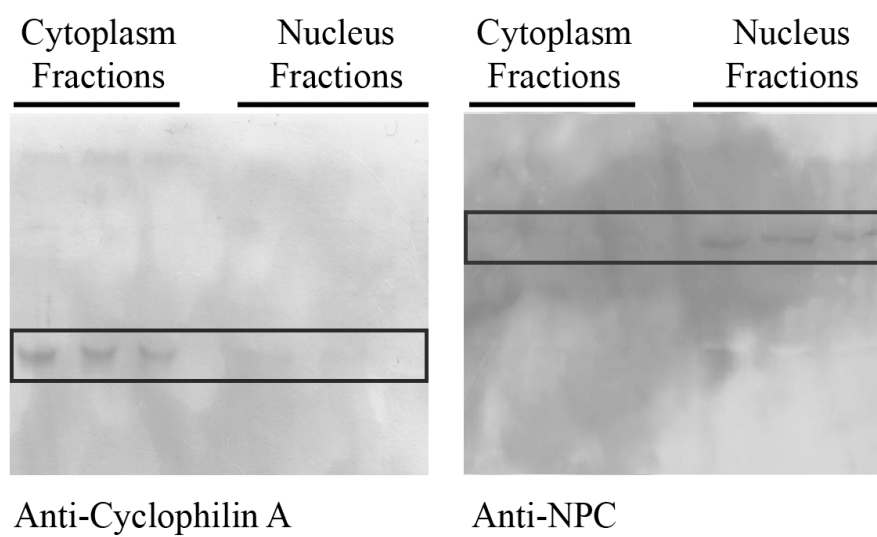


Fig. 6c