

**Isolation and identification of a new strain of nervous necrosis virus
from the big-belly seahorse *Hippocampus abdominalis* in China**

Supplementary material

Sequence S1. Nucleotide sequence of SHNNV-*cp* gene

ATGGTACGCAAAGGTGAGAAGAAATTGGCAAAACACGCGACCACCAAGGCCGCGAAT
CCGCAACCCCGCCGACGTGCTAACAATCGTCGGCGTAGTAACCGCACTGACGCACCTG
TCTCTAAGGCCTCGACTGTGACTGGATTTGGACGTGGGACCAATGACGTCCATCTCGC
AGGTATGTCGAGAATCTCCAGGCCGTCCTCCAGCCGGGACAGGAACAGACGGATAC
GTTGTTGTTGACGCAACCATCGTTCCCGACCTCCTGCCACGACTGGGACACGCTGCTA
GAATCTTCCAGCGATACGCTGTTGAAACACTGGAGTTTCAAATTGCAATGTGCC
CGAAACACGGGCGGTGGTTACGTTGCTGGCTTCCTGCCTGATCCAACGACGAT
CACACCTTCGACGCGCTTCAAGCAACTCGTGGTGCAGTCGTTGCCAAATGGTGGGAA
AGCAGAACAGTCCGACCTCAGTACACCCGCACGCTCCTCTGGACCTCGTCGGGAAAG
GAGCAGCGTCTCACGTCACCTGGTCGGCTGATACTCCTGTGTGTCGGCAACAACACTG
ACGTGGTCAACGTGTCGGTGTGTGTCGCTGGAGTGTTCGACTGAGCGTTCATCTCT
TGAGACACCTGAAGAGACCACCGCTCCCACCATGACACAAGGTTCCCTGTACAACGAT
TCCCTTTCCACAAATGACTTCAAGTCCATCCTCCTAGGATCCACGCCACTGGACATTGC
CCCTGATGGAGCAGTCTTCCAGCTGGACCGTCCGCTGTCCATCGACTACAGCCTTGGA
ACTGGAGATGTTGACCGTGCTGTTTACTGGCACCTCAAGAAGTTTGCTGGAAATGCTG
GCACACCTGCAGGCTGGTTTCGCTGGGGCATCTGGGACAACCTCAACAAGACGTTTAC
AGATGGCGTTGCTTACTACTCTGATGAGCAGCCCCGTCAAATCCTGCTGCCTGTTGGCA
CTGTCTGCACCAGGGTTGACTCGGAAAATAA

Sequence S2. Amino acid sequence deduced from SHNNV-*cp* mRNA

MVRKGEKKLAKHATTKAANPQPRRRANNRRRSNRTDAPVSKASTVTGFGRGTNDVHLA
GMSRISQAVLPAGTGTGTYVVVDATIVPDLLPRLGHAARIFQRYAVETLEFEIQPMCPANT
GGYVAGFLPDPTDNDHTFDALQATRGAVVAKWWESRTVVRPQYTRILLWTSSGKEQRLT
SPGRLILLCVGNNTDVVNVSVLCRWSVRLSVPSLETPEETTAPTMTQGSLYNDSLSTNDFK
SILLGSTPLDIAPDGAVFQLDRPLSIDYSLGTGDVDRAVYWHLLKFFAGNAGTPAGWFRWG
IWDNFKTFTDGVAYYSDEQPRQILLPVGTVCTRVDSEN*