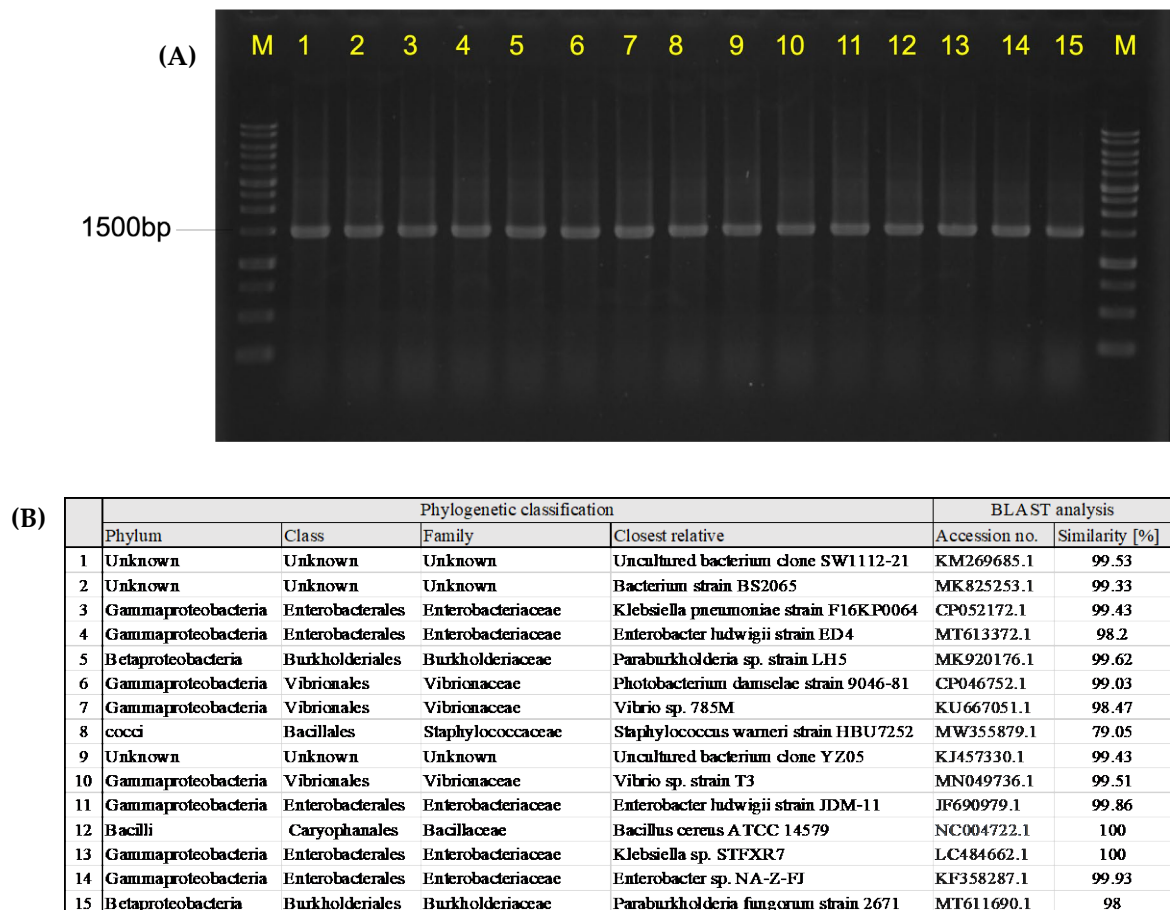


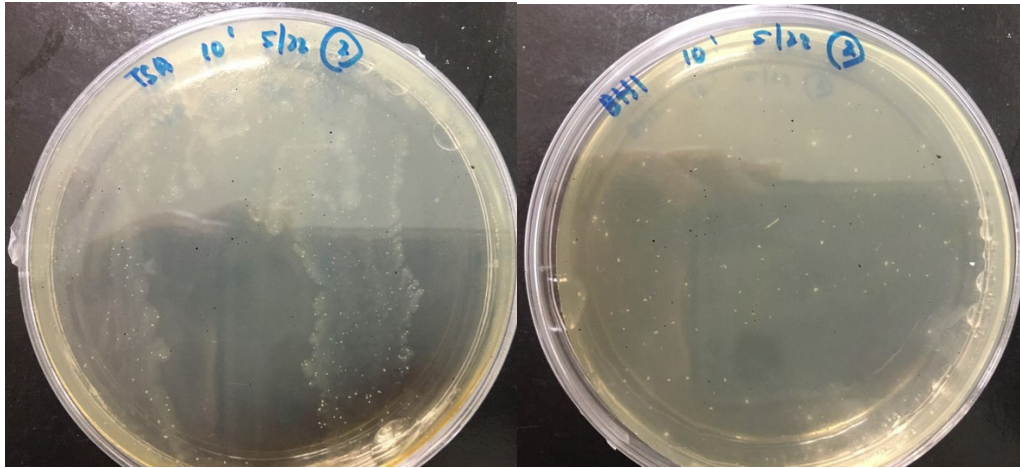
Supplementary Materials: Dietary Administration of Novel Multistrain Probiotics from Healthy Grouper Intestines Promotes the Intestinal Immune Response Against NNV Infection

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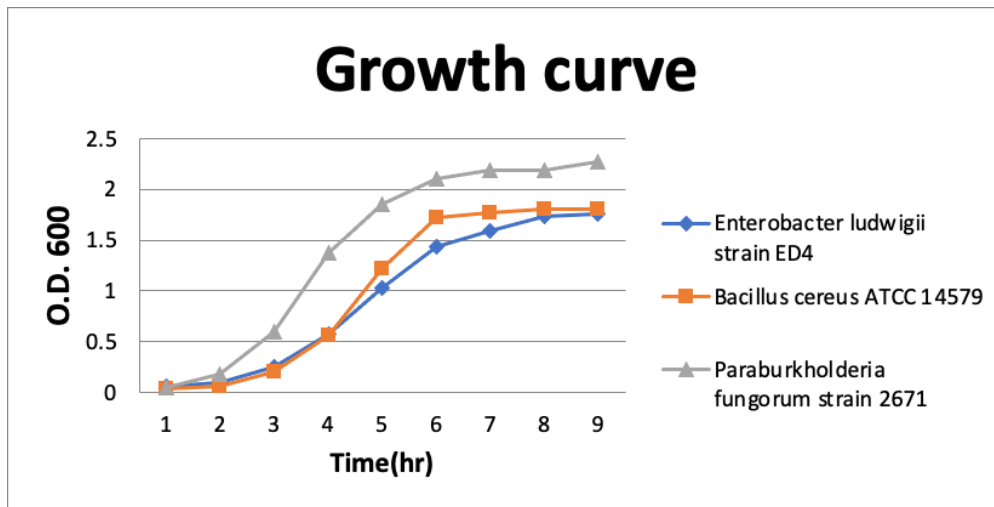


Supplementary Figure S1. Identification of isolated bacteria. (A) Agarose gel electrophoresis of bacterial isolates PCR products. Lane M: 1.5 Kb DNA ladder, lanes 1-15: bacterial isolates PCR products (1465 bp). (B) Molecular identification of isolates based on partial 16S rRNA gene sequence information.

(A)



(B)



Supplementary Figure S2. The procedure of candidate probiotics isolation. (A) The intestine mixture was pour-plated on two non-selective (TSA and BHI) agar and incubated at 28 °C with anaerobic condition (using anaerocult A gas packs; Merck) (B) The Growth curve of *Bacillus cereus* ATCC 14579, *Paraburkholderia fungorum* strain 2671, and *Enterobacter ludwigii* strain ED4. The OD600 values were monitored for each culture with a 1 h interval. Experiments were done in triplicate.