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BmARM-Like Protein from Silkworm, *Bombyx mori* (Lepidoptera) is Putatively Involved in Response against BmNPV Infection

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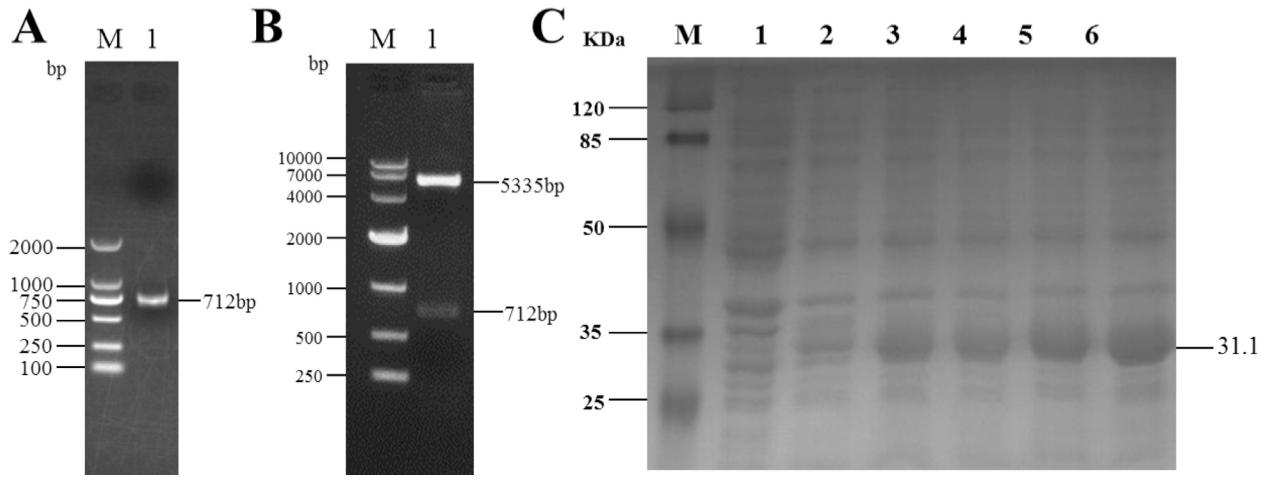

Fig. S1. Expression of the functional domain of *BmARM-like* in *E. coli*. A, PCR amplication of the functional domain of *BmARM-like*. B, The recombinant plasmid was identified by digestion with *EcoRI* and *XholI*. C, The recombinant plasmid *pET-28a-BmARM-like* was induced to express the fusion protein of the functional domain of BmARM-like protein in *E. coli* with different concentrations of IPTG (1, lysate from *E. coli* without induction; 2, induced with 0.2 mM IPTG; 3, induced with 0.4 mM IPTG; 4, induced with 0.6 mM IPTG; 5, induced with 0.8 mM IPTG; 6, induced with 1.0 mM IPTG).

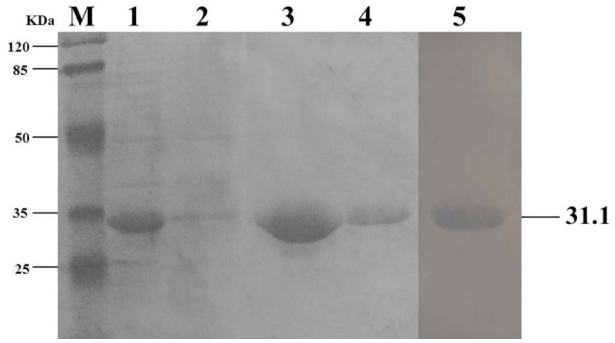

Fig. S2. Purification and identification of the fusion protein of BmARM-like protein. Purification of the fusion proteins was purified using the high affinity Ni-NTA resin. (1, flowthrough of lysate from *E. coli*; 2, washed with 10 mM imidazole; 3, washed with 250 mM imidazole for the first time; 4, washed with 250 mM imidazole for the second time; 5, purified fusion protein, identified with a monoclonal antibody to histidine).

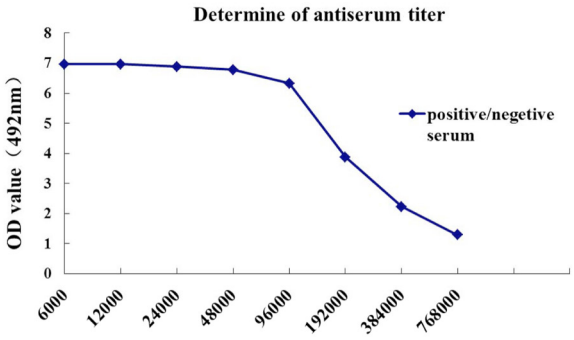

Fig. S3. Determination of the BmARM-like polyclonal antibody titer using indirect ELISA.