

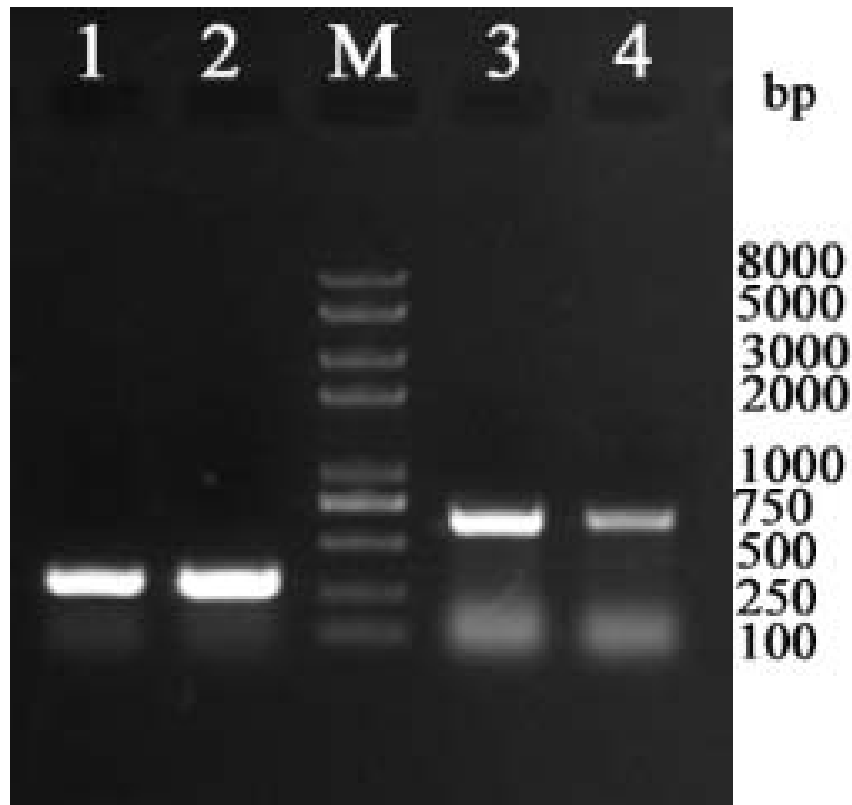
## SUPPORTING INFORMATION

### A Novel Spore Wall Protein from *Antonospora locustae* (Microsporidia: Nosematidae) Contributes to Sporulation by Longxin Chen, Runting Li, Yinwei You, Kun Zhang, Long Zhang

**Fig. S1.** The results of semi-quantitative PCR for the detection of RNAi of *AlocSWP2*. M: DNA molecular weight marker. 1: *A. locustae actin*; 2: RNAi of *A. locustae actin*; 3: *AlocSWP2*; 4: RNAi of *AlocSWP2*.

**Table S1.** Numerical data of qRT-PCR to check the results of RNAi of *AlocSWP2*.

**Table S2.** Raw data of the survival assay after RNAi of *AlocSWP2*.



**Table S1.** Numerical data of qRT-PCR to check the results of RNAi of *AlocSWP2*.

| Sample | Ct<br>( <i>AlocSWP2</i> ) | Ct<br>( <i>actin</i> ) | Ct<br>( <i>AlocSWP2-actin</i> ) | Ct mean<br>( <i>AlocSWP2</i> ) | Ct SEM<br>( <i>AlocSWP2</i> ) | Ct mean<br>( <i>actin</i> ) | Ct SEM<br>( <i>actin</i> ) | $\Delta$ Ct mean<br>( <i>AlocSWP2-actin</i> ) | $\Delta$ Ct SEM<br>( <i>AlocSWP2-actin</i> ) | $2^{-\Delta\Delta Ct}$<br>mean |
|--------|---------------------------|------------------------|---------------------------------|--------------------------------|-------------------------------|-----------------------------|----------------------------|---|--|--------------------------------|
| RNAi   | 24.567                    | 20.494                 | 3.872                           |                                |                               |                             |                            |   |  |                                |
|        | 24.575                    | 21.321                 | 3.880                           | 24.559                         | 0.021                         | 20.695                      | 0.553                      | 3.8637  | 0.574  |                                |
|        | 24.536                    | 20.271                 | 3.841                           |                                |                               |                             |                            |   |  |                                |
| CK     | 19.995                    | 21.2                   | -1.12                           |                                |                               |                             |                            |   |  | 26.100                         |
|        | 19.613                    | 21.107                 | -1.51                           | 20.276                         | 0.840                         | 21.118                      | 0.077                      | -0.8423                                       | 0.916  |                                |
|        | 21.22                     | 21.048                 | 0.102                           |                                |                               |                             |                            |   |  |                                |



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