



**Figure S1.** ConA induced apoptosis in the gut of Lso-free, LsoA- and LsoB-infected potato psyllid. The tissues were stained using TUNEL assays to detect the apoptotic signals (green) and counterstained with DAPI to show the nuclei (blue) of the gut cells. Scale bar is 20  $\mu$ m.

**Table S1.** Primers for bioinformatics validation and gene expression analyses by qPCR of caspase genes.

<b>Gene Name</b>	<b>Code</b>	<b>Primers (5'-3') for Bioinformatics Validation</b>	<b>qPCR Primers (5'-3')</b>
Caspase-1 isoform X1	Caspase1	F: AAAATCGTCTCCAGGCTTCA R: TCAGAGTGGTCAAGTTCCTTC	F: CAAGGAGATGGTCTGGATGG R: ATGAGGAAGTCAGCGTGGAG
Caspase-2-like	Caspase2	F: TTTGATGCTTTGTGGGA R: AACTTGGGAATGTTGGC	F: ATGTCCCCAGCAATGGTATC R: CACAGGGTGTGACTTCTCA
Caspase-3-like	Caspase3	F: GTAAGCAACAATACGACACC R: CATAGGAGGGGATCTTGTAG	F: AAGCTGGATGGTGGAGTACG R: CAGCATAGGAGGGGATCTTG