



**Supplementary Fig. S2.** PCR products for 38 of the 96 *S. endobioticum* ESTs separated on a 1.5% agarose gel. PCR products with the expected size were amplified for all four German pathotypes (arrowhead). No product was amplified from the uninfected ‘Tomensa’ DNA with any of the

primer sets. No product was obtained for the primer 30149. M = GeneRuler™ 1-Kb Plus DNA Ladder (Thermo Scientific), Tom = Cultivar 'Tomensa' uninfected DNA.