



Figure S2: Design of the insert in plasmid pJET-Cz3 constructed by overlapping PCR. Graphical representation shows the 798 bp fragment of *C. zeina chitin synthase D (CHSD)* (grey), 201 bp fragment of *C. zeina extracellular protein 2 (ECP2)* (blue), and 404 bp fragment of *C. zeina phosphatidyl serine decarboxylase 3 (PSD3)* (pink) joined by overlapping PCR using primers listed in Table S1. The final PCR product size cloned into pJET1.2 was 1403 bp. The PCR product amplified from pJET-Cz3 with the primers T7-CSD F and T7-PSD R was the PCR template for *in vitro* synthesis of the Cz3-dsRNA.