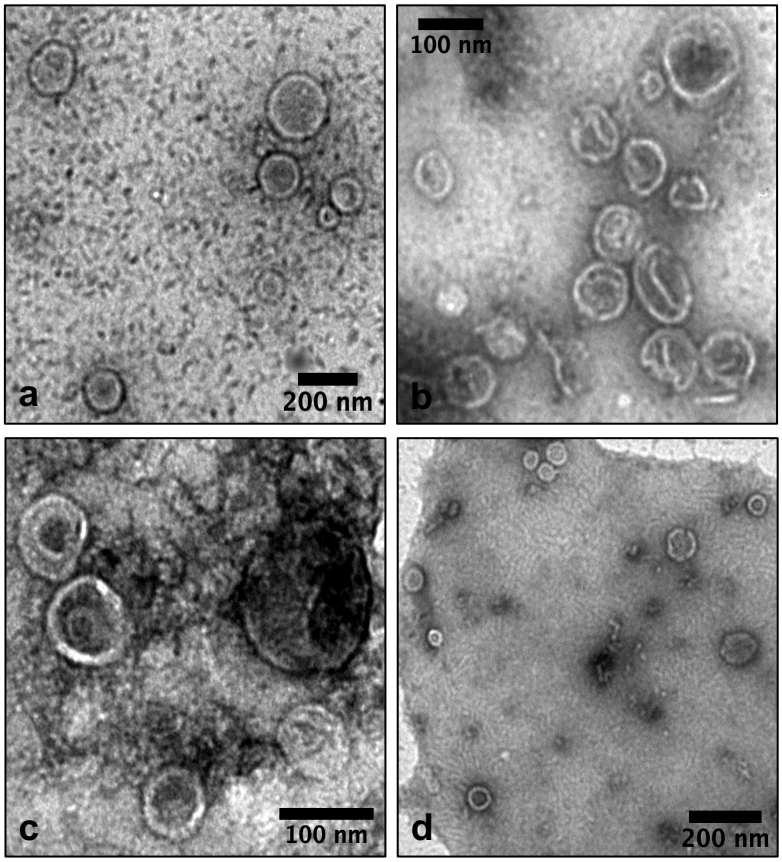

Figure S1. EVs are produced by *Z. tritici* cultured in multiple growth media and by at least two Australian strains of *Z. tritici*, WAI332 and WAI321. TEM data shows EVs isolated from *Z. tritici* WAI332 cultures grown in (A) Fries 3, (B) minimal medium and (C) potato dextrose broth. (D) TEM imaging of *Z. tritici* WAI321 EVs isolated from Fries 3 growth medium. All samples were stained with 2% uranyl acetate and visualised with a Hitachi H7100FA TEM at 100kV. Images were cropped and scale bars added with ImageJ; images were not otherwise modified.

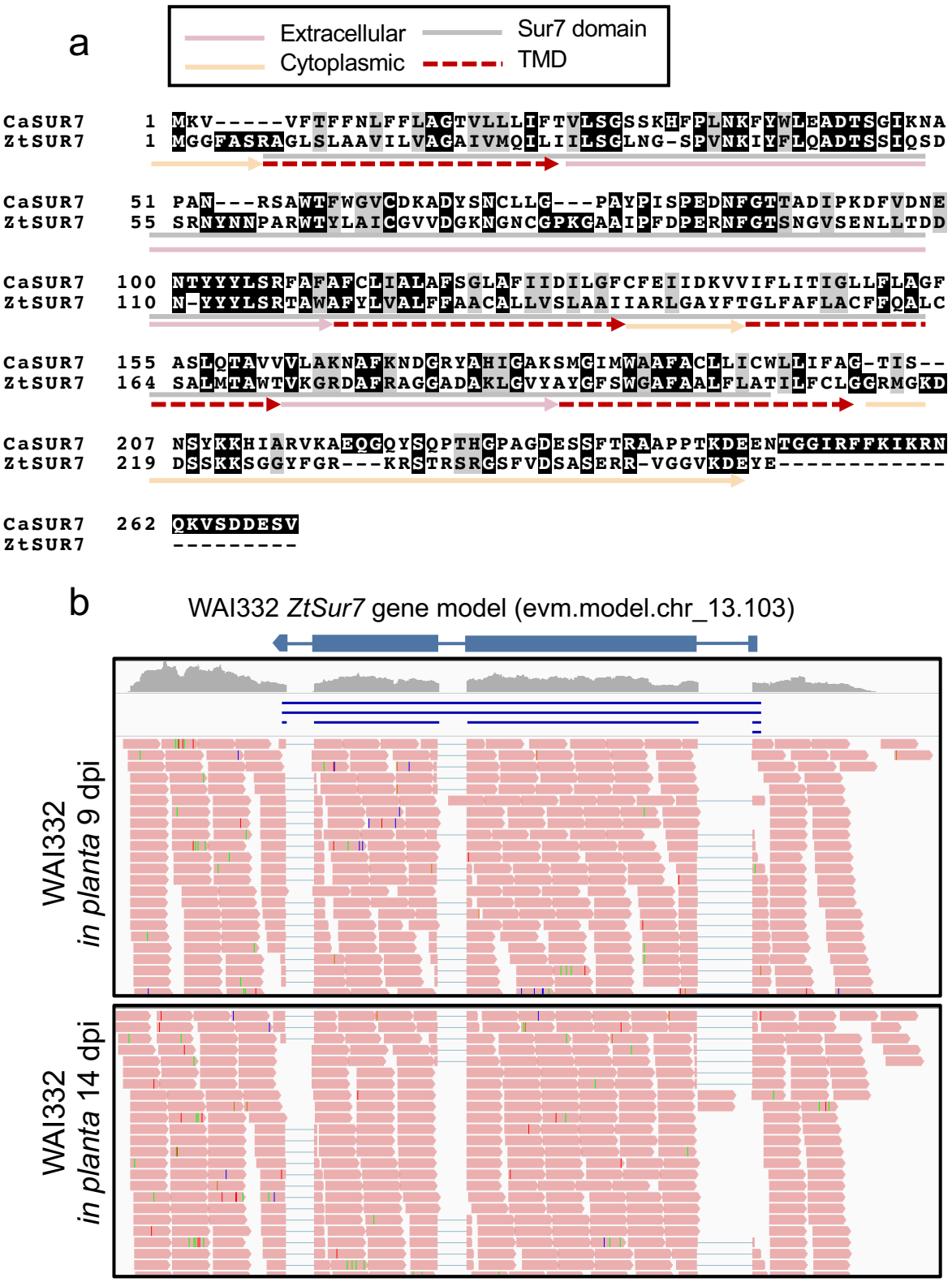

Figure S2. A *Z. tritici* protein, *Zt*Sur7, is homologous to the proposed *C. albicans* EV marker, *Ca*Sur7. (a) An amino acid sequence alignment of *Zt*Sur7 with *Ca*Sur7, which share a SUR7 domain, 4 transmembrane domains (TMD) and putative cytoplasmic/extracellular domains. (b) Illumina RNA-seq reads (pink) from wheat infected with *Z. tritici* WAI332 aligned to the WAI332 genomic region encoding ZtSur7, showing expression of *Z. tritici Sur7* homologue *(ZtSur7) in planta* at 9 and 14 days post infection (dpi). Alignment coverage across the gene model is shown in grey in the top panel, while the gene model and a corresponding schematic are shown in blue.