



**Figure S1** Analysis of double mutants of *sid2-250* and *sid2-1* with *ypa2-Δ*. Panel A: Cells of the indicated genotype were grown to exponential phase at 25°C, and a portion of the culture was shifted to 32°C for 5h prior to fixation and staining with DAPI and Calcofluor. Panel B: Cells of the indicated genotypes were grown at their optimal temperature to exponential phase, and serial 10-fold dilutions were spotted onto complete medium at the indicated temperatures. Cells were allowed to grow until the wild-type control had formed colonies (2-5 days).