



Figure S3 FACS analysis of wildtype, *ypa2-Δ* and *ppa2-Δ* strains. Cells of the indicated genotype were grown to exponential phase in YE medium, and hydroxyurea (HU) was added to a final concentration of 12mM. Samples were processed for FACS according to standard protocols {Moreno, 1991 #308; Sazer, 1990 #383}. Note that in all cases, the FACS peak shifts left upon addition of HU, indicating that the peaks seen in exponential growth are likely to represent G2 cells. Note also, that in *S. pombe*, the FACS signal of small cells is further to the left than wild-type cells of equivalent DNA content. The numbers indicate the number of hours after addition of HU.