



Figure S1 Expression of Srs2 during meiosis.

- (A) *SRS2* and *NDT80* transcripts during meiosis in wild type cells (NKY1303/1543) were analyzed by Northern blotting. Blots for *SRS2* and *NDT80* as well as Ethidium bromide-stained gel image for loading control are shown (left). Quantification of signals on blots is shown in right. Relative intensities of amounts of *SRS2* mRNA at each time point are normalized against that at 0 hr and shown.
- (B) Meiosis progression of 2*HA-SRS2* strain (HSY560/562) was analyzed by DAPI staining. At least 150 cells were counted for each time point. Meiosis I, open circles; meiosis II, closed circles.
- (C) Expression of 2*HA-Srs2*, Rec8 proteins and tubulin during meiosis of 2*HA-SRS2* cells (HSY560/562) was analyzed by western blotting. Rec8 shows slower migrating species during meiosis by phosphorylation. An asterisk indicates non-specific signals.

(D) Expression of HA-Srs2 protein during meiosis of the *ndt80* (HSY611/613) and *ndt80 mnd2* (HSY685/686) mutant cells were analyzed by western blotting. Rec8 and tubulin were analyzed as a control.

(E) *SRS2* and *NDT80* transcripts during meiosis in *DMC1p-SRS2* cells (HSY475/477) were analyzed by Northern blotting. Blots for *SRS2* and *NDT80* as well as Ethidium bromide-stained gel image are shown (left).

Quantification of signals on blots is shown in right. Relative intensities of amounts of *SRS2* mRNA at each time point are normalized against that at 0 hr and shown.