

## Microscopy

### Filename: Strains

BY4741 gus1-3-GFP: Wild type strain with gus1-3-GFP

ssa1delta ssa2delta gus1-3-GFP: SSA1/SSA2 double knockout strain with gus1-3-GFP

ssa1delta ssa2delta SSA4OE gus1-3-GFP: SSA1/SSA2 double knockout strain with over expression of SSA4 through the GPD promoter and with gus1-3-GFP

### Filename: Treatments

Cont: Samples from mid-exponential growth cells

### Imaging details

Images were obtained using a conventional fluorescence microscope, a Zeiss Axio Observer.Z1 inverted microscope with Apotome and AxioCam 506 camera, and a Plan-Apochromat 100x/1.40 Oil DIC M27 objective. All images were acquired as Z-stacks with 10 slices over a 5  $\mu\text{m}$  range.

Channel 1: EGFP ( $\lambda_{\text{Ex.}}$ : BP 470/40, Beamsplitter: FT 495,  $\lambda_{\text{Em.}}$ : BP 525/50), exp. time: 150 ms

Channel 2: Transmitted light DIC, exp. time 10 ms