

Microscopy

Filename: Treatment

Before HS: Samples from mid-exponential growth cells

No prefix: Samples from mid-exponential growth cells

Filename: Strains

wt: Wild type strain with Mca1-GFP

ssa1-2Del/ssa1-2Del tr1/3: Clone one or three of *SSA1/SSA2* double knockout strain with Mca1-GFP

ssa1-2Del Ssa4OE/ssa1-2Del Ssa4OE tr1: Clone one of *SSA1/SSA2* double knockout strain with over expression of *SSA4* through the GPD promoter and with Mca1-GFP

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 μm range.

Channel 1: Transmitted light DIC, exp. time 41 ms

Channel 2: EGFP ($\lambda\text{Ex.}$: BP 470/40, Beamsplitter: FT 495, $\lambda\text{Em.}$: BP 525/50), exp. time: 300 ms