



Figure S1 *she1Δ* and *hog1Δ* mutants have extended M-phases. (A) Mtw1-GFP Myo1-GFP expressing cells were imaged using time-lapse microscopy, from the time Mtw1-GFP spots separated into two foci until the cytokinetic ring contracted. Right panel: kymograph of Myo1-GFP fluorescence used to determine when the cytokinetic ring began to contract. Bar, 5 μ m. (B) The time between the appearance of two Mtw1-GFP foci, and the initiation of cytokinetic ring contraction was measured for WT, *she1Δ*, and *hog1Δ* cells.