

Supplementary information

Glucose restriction induces transient G2 cell cycle arrest extending cellular chronological lifespan

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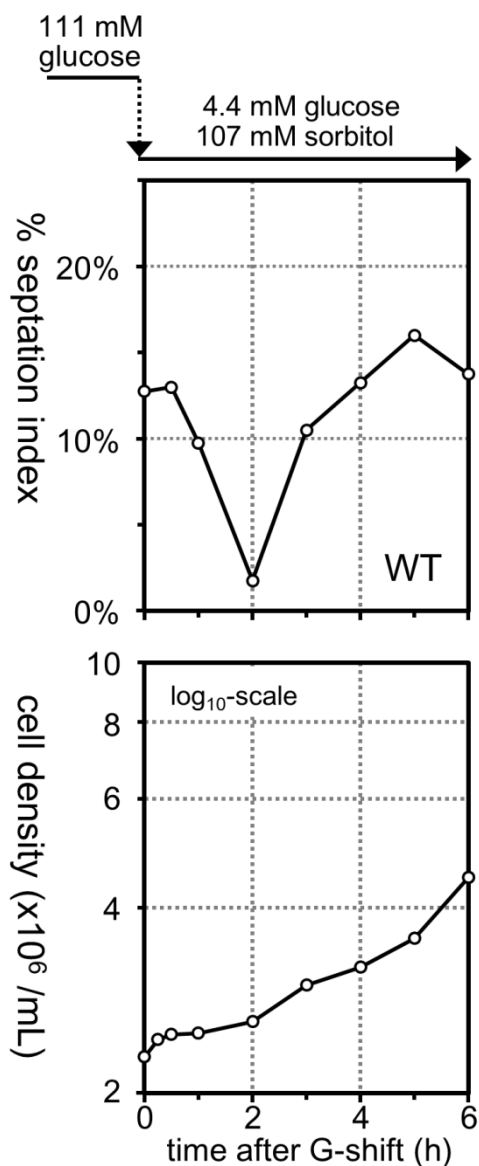
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Supplementary Figure 1.

Transient cell cycle arrest after glucose reduction is not caused by hypotonic shock.

Time courses of septation index (upper panel) and cell density (lower panel) of WT fission yeast cells that were transferred from high-glucose (111 mM) EMM2 medium to low-glucose (4.4 mM) medium supplemented with 107 mM sorbitol, which compensated the reduction of osmotic pressure, were examined.