

Expanded View Figures

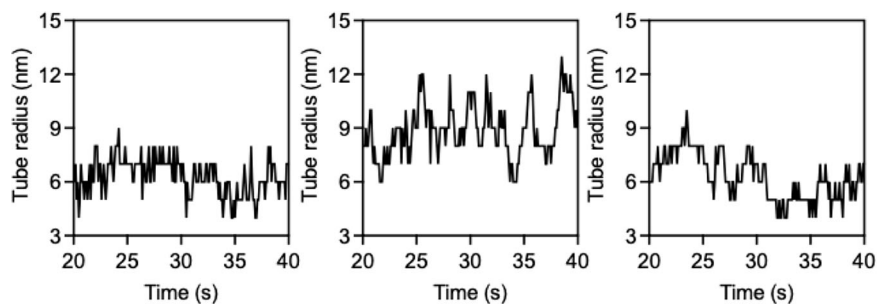


Figure EV1. Pathway to Vps1-catalyzed membrane fission.

Plots showing cycles of thinning and relaxation of the super-constricted intermediate on three tubes. Source data are available online for this figure.

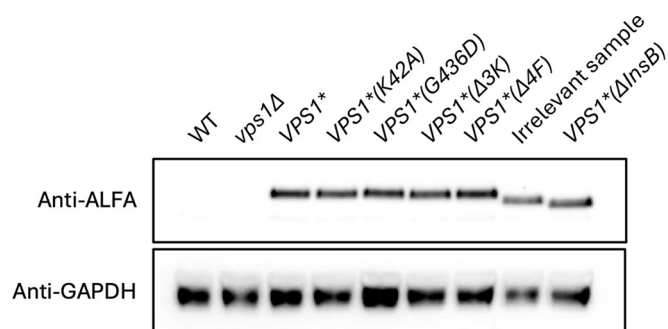


Figure EV2. Western blots of Vps1 and its mutants.

Lysates from the indicated strains were blotted with the anti-ALFA antibody. GAPDH served as the loading control. Source data are available online for this figure.

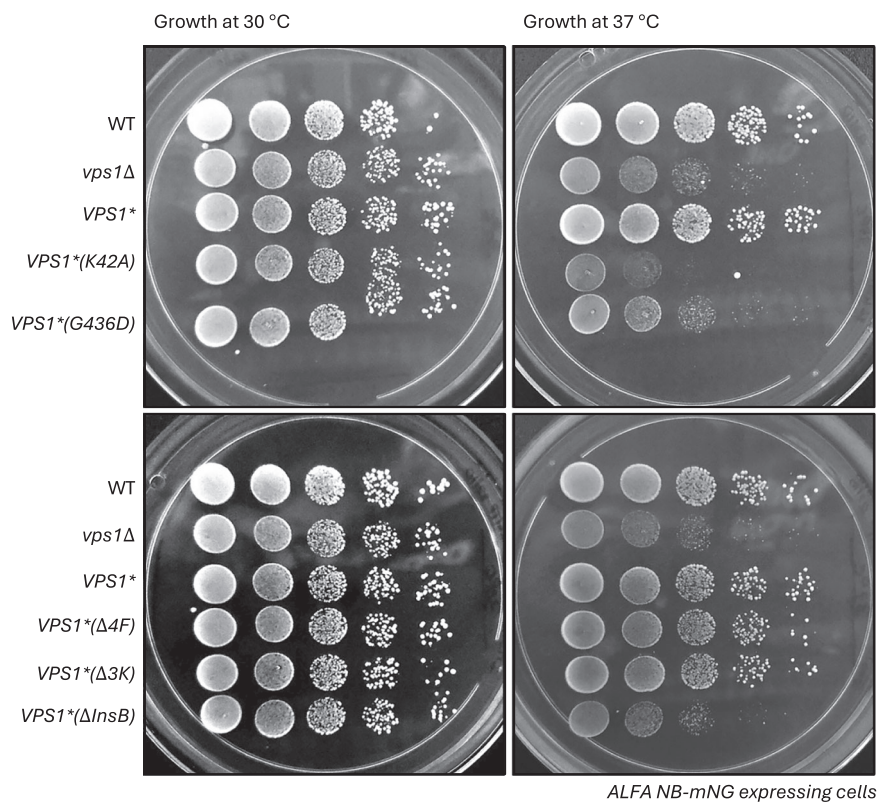


Figure EV3. Growth characteristics of *VPS1 strains.**

Spot assay comparing the growth of the indicated strains expressing the ALFA-NB-mNG at 30 and 37 °C.

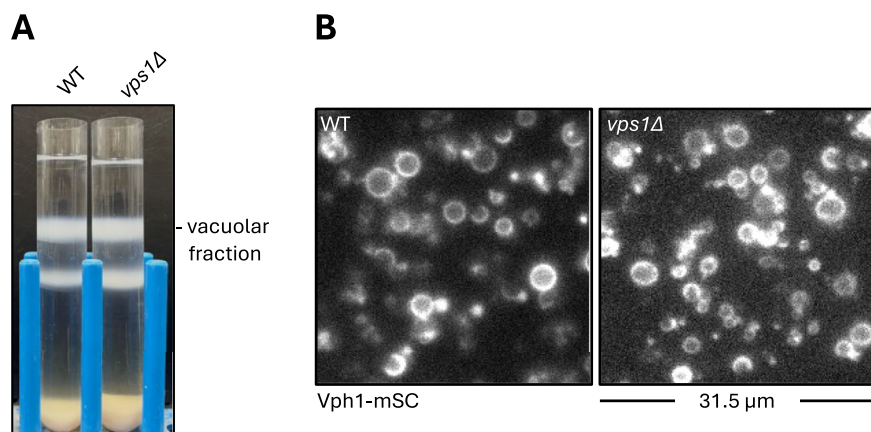


Figure EV4. Characteristics of vacuoles isolated from WT and *vps1Δ* strains.

(A) Density-gradient centrifugation-based separation of lysates from WT and *vps1Δ* cells, indicating the isolated vacuolar fraction. (B) Purified vacuoles from WT and *vps1Δ* cells expressing the vacuole marker Vph1-mSc.