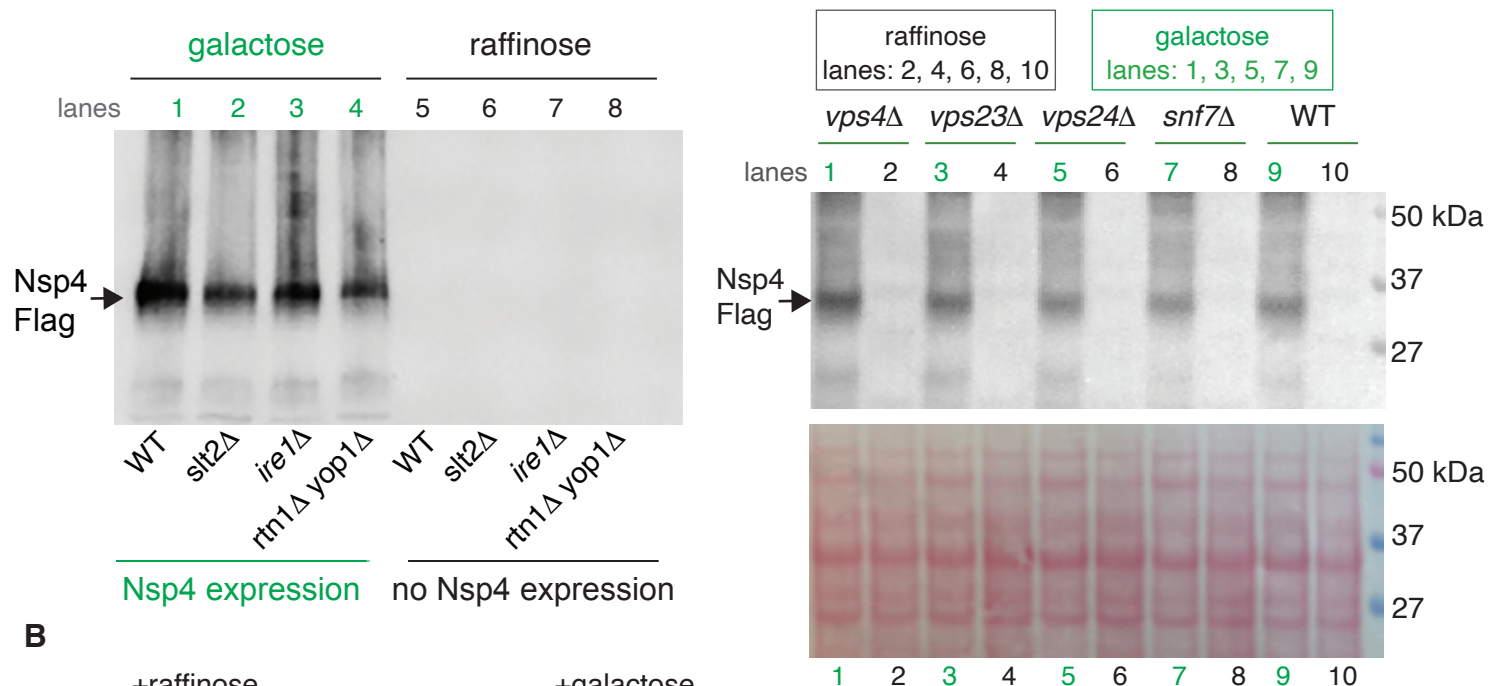


Supplemental Materials

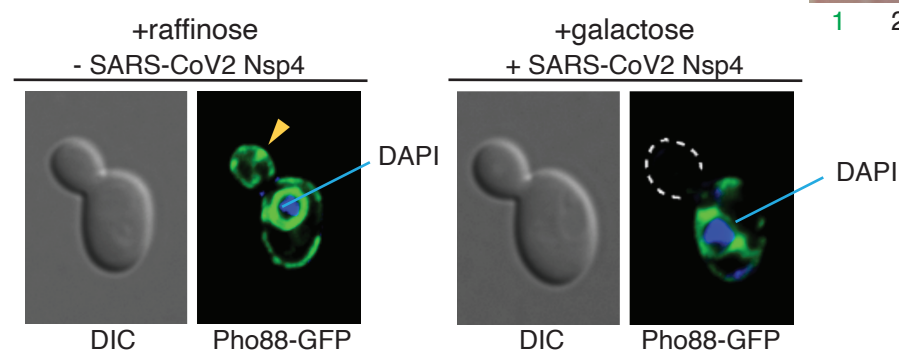
Molecular Biology of the Cell

Kifer *et al.*

A



B

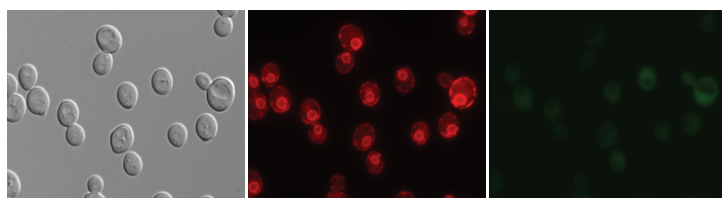


C

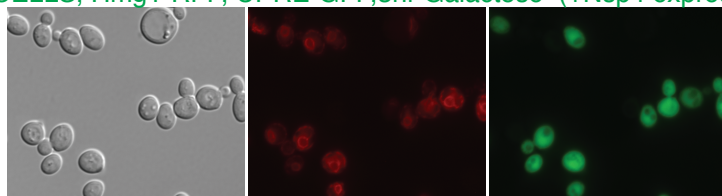
UPRE-GFP



WT CELLS, Hmg1-RFP, UPRE-GFP, raffinose (no nsp4 expression)

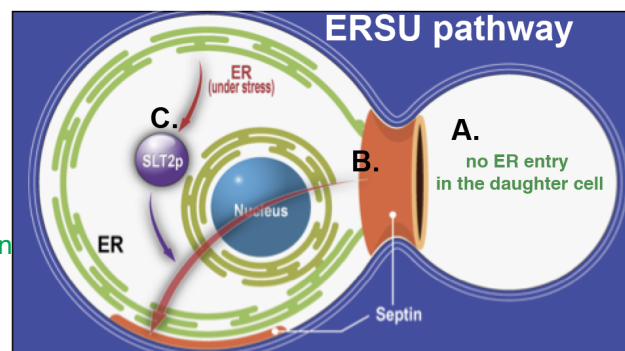


WT CELLS, Hmg1-RFP, UPRE-GFP, 3hr Galactose (+Nsp4 expression)



D

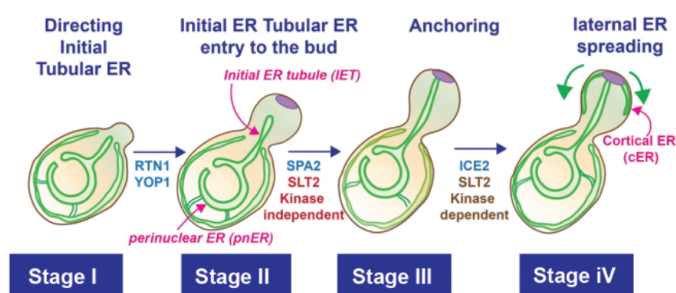
ERSU Cell Cycle Checkpoint



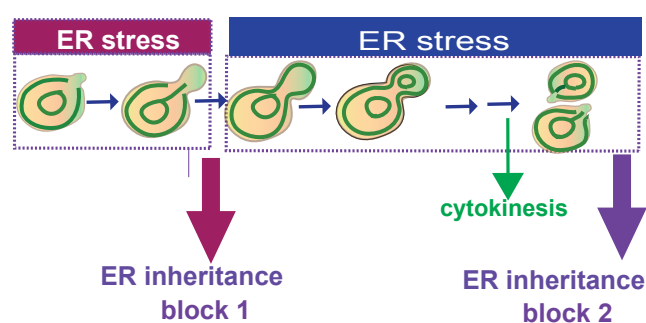
The ERSU hallmark events:

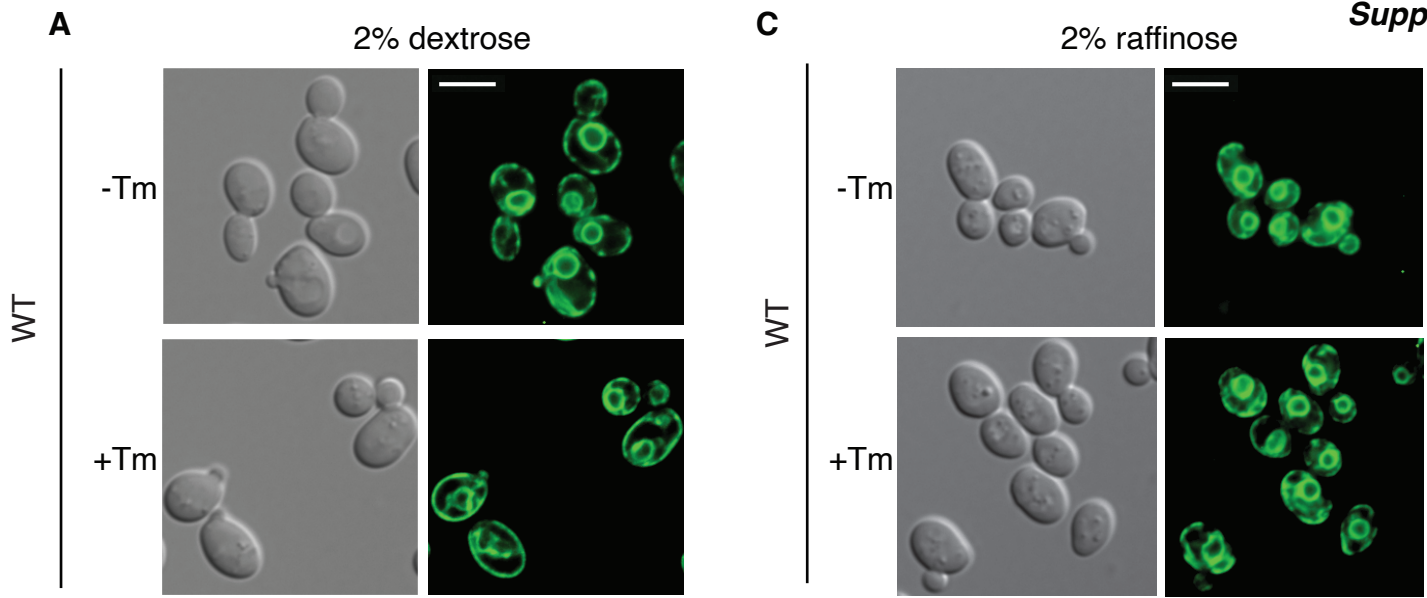
- A. cER inheritance block
- B. septin ring translocation from bud neck
- C. SLT2 phosphorylation
- D. cytokinesis cell cycle arrest

E

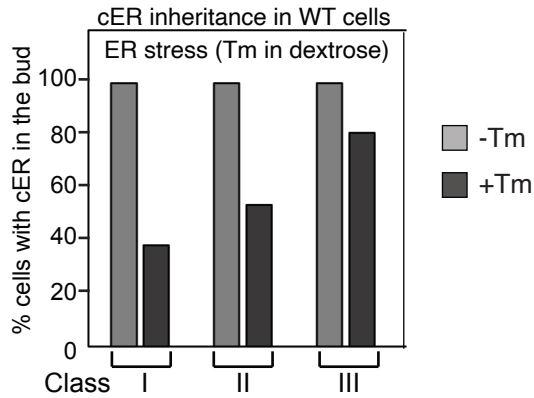


F

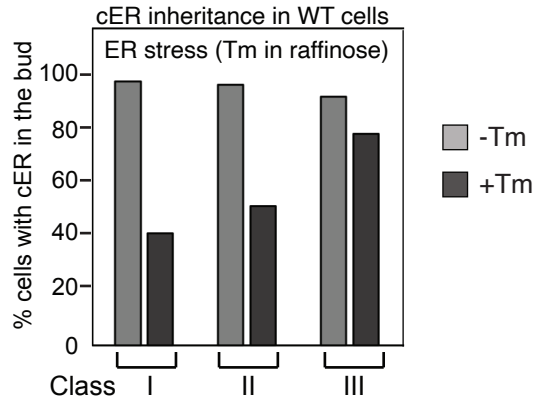




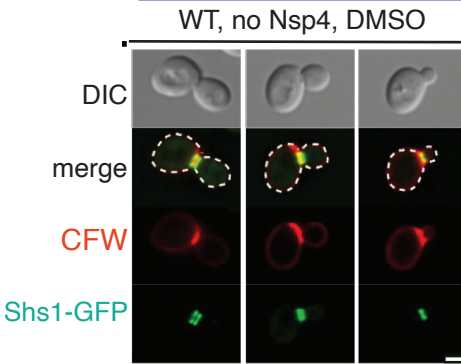
B ER Stress-induced ER inheritance block



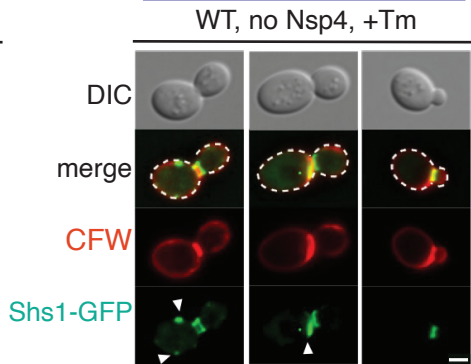
D ER Stress-induced ER inheritance block



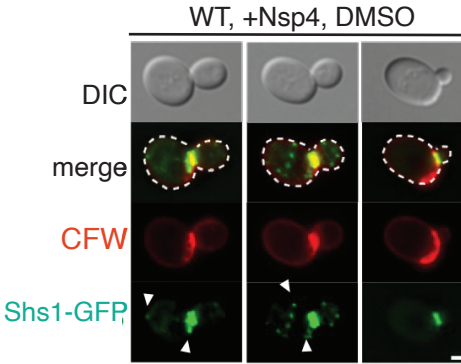
E no ER stress
Shs1-GFP localization



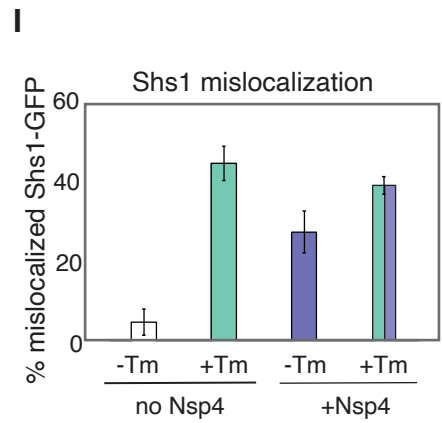
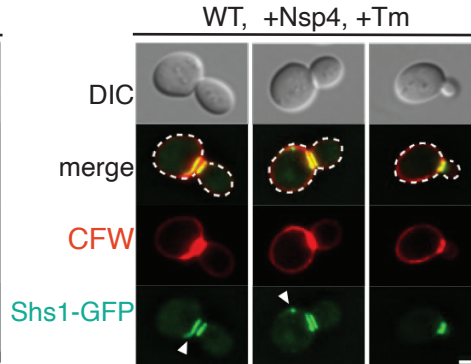
F ER Stress-induced
Shs1-GFP mislocalization

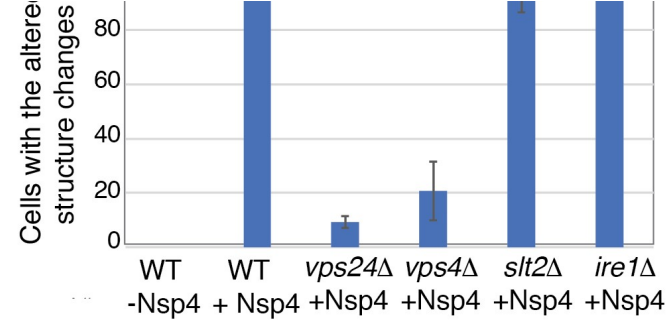


G Nsp4-induced
Shs1-GFP mislocalization

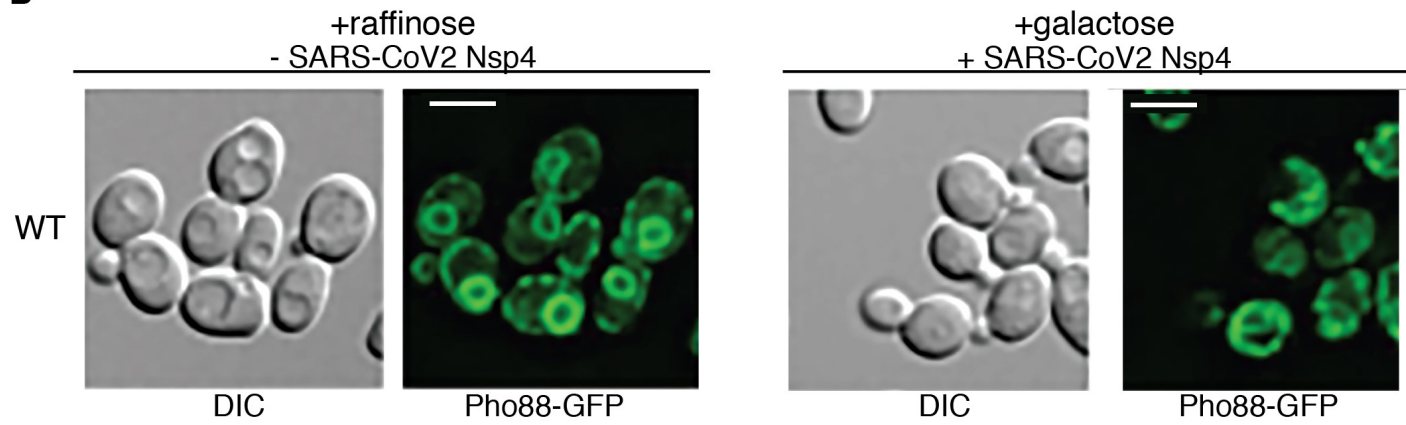


H Nsp4- and ER Stress-induced
Shs1-GFP mislocalization

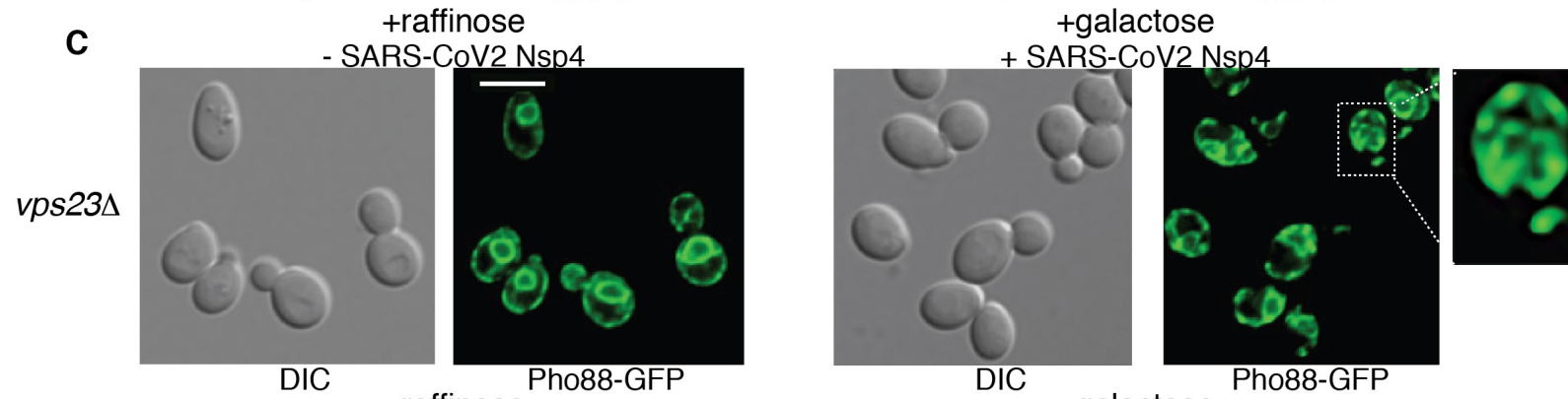




B



C



D

