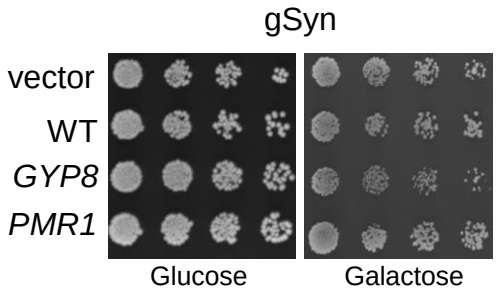
A



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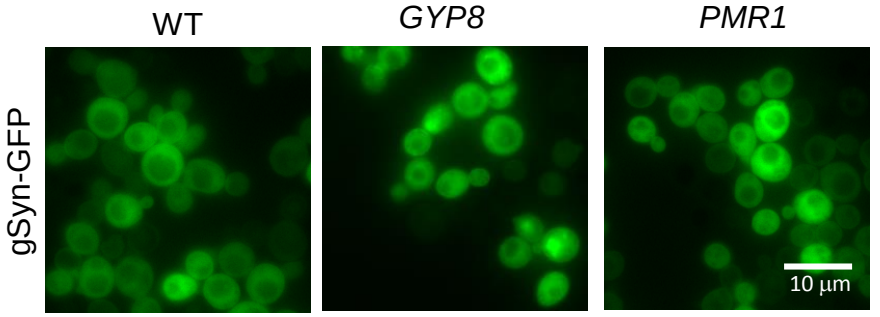
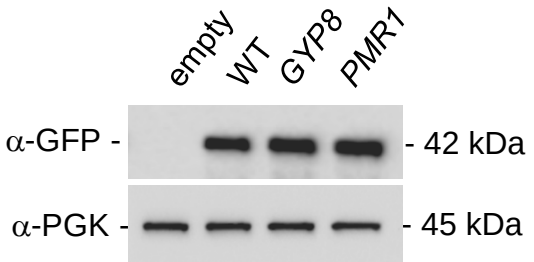
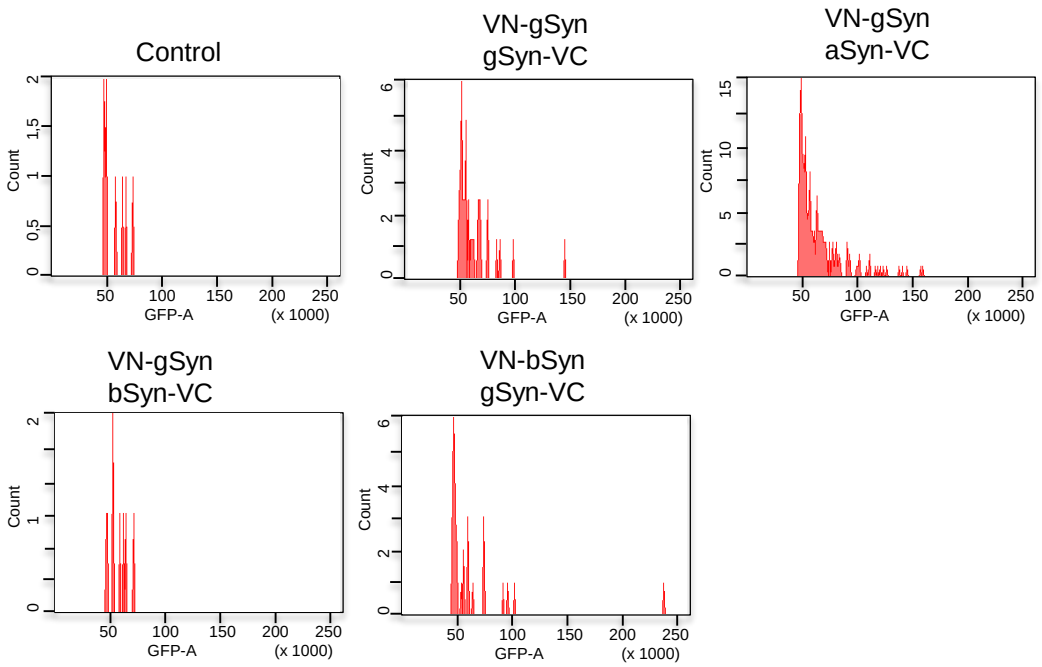


C



Supplementary figure 1. gSyn toxicity and inclusion formation is not affected by vesicular trafficking defects. (A) Spotting assay of the indicated yeast cells. Photos were taken 4 days after incubation at 30ºC (B) Intracellular localization of gSyn-GFP in the indicated yeast strains, assessed by fluorescence microscopy. (C) gSyn-GFP expression levels in the indicated yeast strains assessed by western blot analysis of total protein. A representative result is shown from at least three independent experiments.



Supplementary figure 2. gSyn does not form homo-dimers/oligomers or hetero-dimers/oligomers with bSyn in yeast. Yeast cells were transformed with BiFC constructs encoding aSyn, bSyn or gSyn tagged with N-terminal half of Venus (VN) or C-terminal half of Venus (VC) under the control of *GAL1* inducible promoter. GFP intensity versus counts of the indicated cells assessed by flow cytometry 6 hours after synuclein expression induction. At least 100000 cells were measured per strain and experiment. Results shown are from one representative experiment from three independent experiments.