

Supplementary Table 2. List of yeast strains and plasmids used in this study.

Strain	Genotype	Source
BY4741	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	Euroscarf
BY4741 pGPD-GFP	BY4741 harboring <i>p426GPDpr-GFP</i>	This Study
BY4741 pGPD-SNCA (WT) - GFP	BY4741 harboring <i>p426GPDpr-SNCA (WT)-GFP</i>	10.1126/science.1090439.
BY4741 pGPD-SNCA (A53T)-GFP	BY4741 harboring <i>p426GPDpr-SNCA (A53T)-GFP</i>	10.1126/science.1090439.
BY4741 pGPD-SNCA (A53E)-GFP	BY4741 harboring <i>p426GPDpr-SNCA (A53E)-GFP</i>	This Study
BY4741 pGPD-SNCA (E46K)-GFP	BY4741 harboring <i>p426GPDpr-SNCA (E46K)-GFP</i>	This Study
BY4741 pGPD-SNCA (A30G)-GFP	BY4741 harboring <i>p426GPDpr-SNCA (A30G)-GFP</i>	This Study
BY4741 pGPD-SNCA (A30P)-GFP	BY4741 harboring <i>p426GPDpr-SNCA (A30P)-GFP</i>	This Study
BY4741 pGPD-SNCA (G51D)-GFP	BY4741 harboring <i>p426GPDpr-SNCA G51D)-GFP</i>	This Study

Supplementary Table 1. List of antibodies used in this study.

Antibody	Catalog No.	Application	Dilution
Primary			
Mouse Purified anti- α -Synuclein Phospho (Ser129) Antibody, clone 81A	BioLegend, 825701	ICC	1:1000
StemLight Pluripotency Transcription Factor Antibody Kit (Nanog, Oct4A, SOX2)	CST, 9093	ICC	1:1000
Mouse alpha Synuclein antibody	Synaptic Systems, 128 211	ICC	1:250
β 3-Tubulin (D65A4) XP® Rabbit mAb	CST, 5666	ICC	1:500
Alpha-synuclein Monoclonal Antibody (LB509)	Invitrogen, 180215	WB	1:1000
β 3-Tubulin (D65A4) XP® Rabbit mAb	CST, 5666	WB	1:1000
Secondary			
F(ab') ₂ -Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594	Invitrogen, A11020	ICC	1:1000
F(ab') ₂ -Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 488	Invitrogen, A11070	ICC	1:1000
F(ab') ₂ -Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 488	Invitrogen, A11017	ICC	1:1000
F(ab') ₂ -Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594	Invitrogen, A11072	ICC	1:1000
Goat anti-Mouse IgG (H+L) Secondary Antibody, DyLight™ 800	Invitrogen, SA535521	WB	1:10000
Goat anti-Rabbit IgG (H+L) Secondary Antibody, DyLight™ 680	Invitrogen, 35568	WB	1:10000