

SUPPLEMENTARY FIGURES

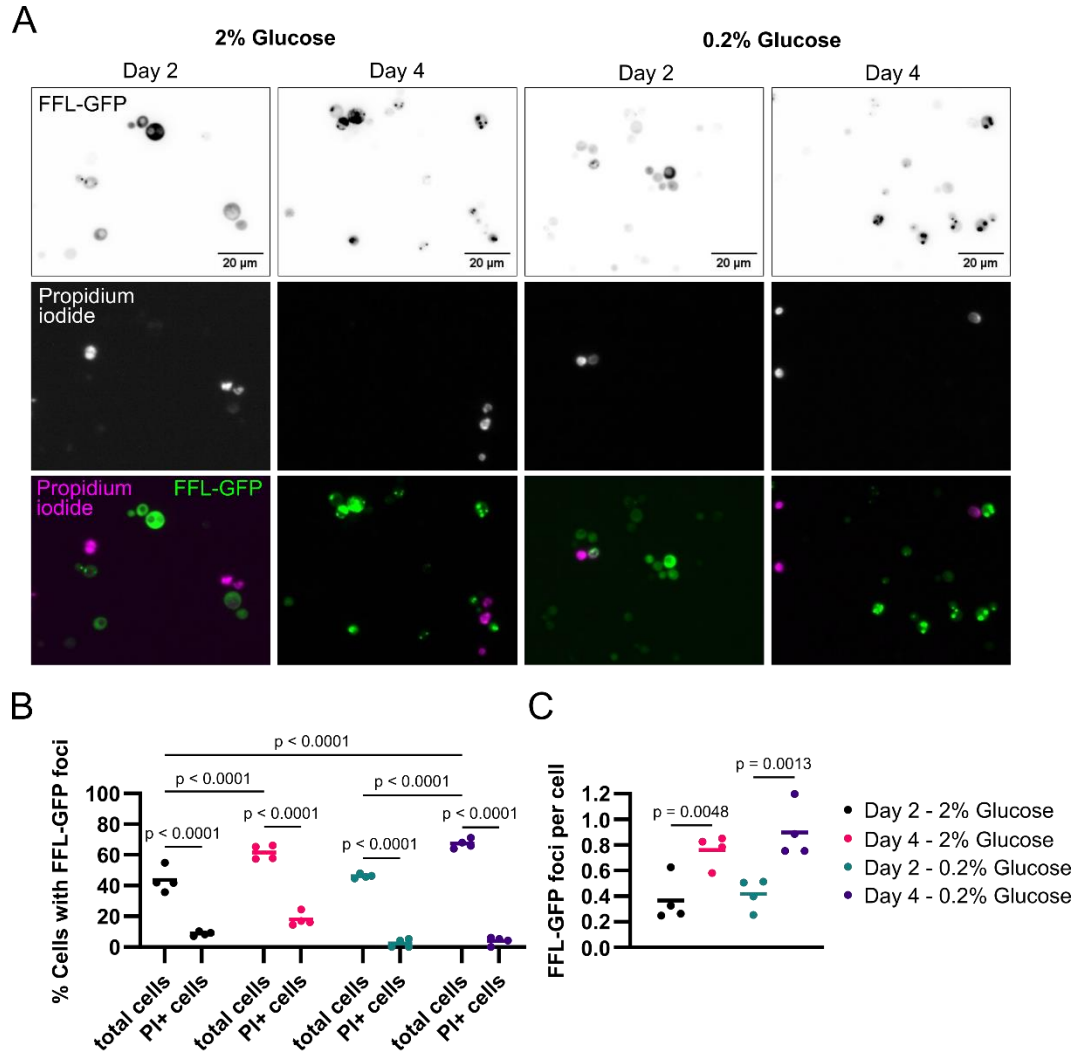


Figure S1. Ageing induces misfolding of metastable firefly luciferase. A. Fluorescence microscopy of cells expressing FFL-GFP aged in media containing 2% or 0.2% glucose for two or four days and subsequently stained with propidium iodide. B. Quantification of the percentage of cells containing FFL-GFP foci. C. Quantification of the number of FFL-GFP foci per cell. The means (\pm SD) are represented graphically for three independent experiments. At least 500 cells were analyzed for each condition.

Δhsp42Δhsp26 cells expressing either vector control or TDP-43. The means (\pm SD) are represented graphically for three independent experiments. For fluorescence microscopy, at least 500 cells were analyzed for each condition. # symbols indicate synergistic interactions when compared to wild-type (# $p < 0.05$).

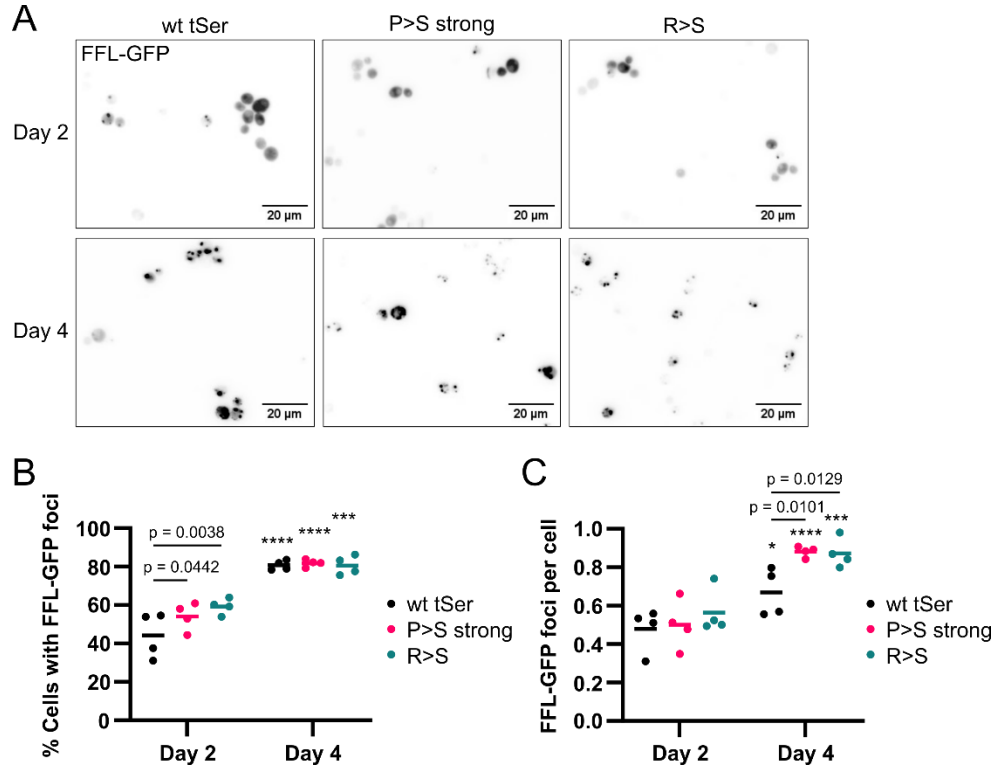


Figure S3. Translation errors synergistically increase misfolding of metastable firefly luciferase. A. Fluorescence microscopy of cells expressing FFL-GFP and either wt tSer or the tSer variants P>S strong or R>S aged for two or four days. B. Quantification of the percentage of cells with FFL-GFP foci. C. Quantification of the number of FFL-GFP foci per cell. The means (\pm SD) are represented graphically for three independent experiments. At least 500 cells were analyzed for each condition. (* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$).