scientific reports

Published online: 12 August 2021

Check for updates

OPEN Author Correction: Loss of mRNA surveillance pathways results in widespread protein aggregation

Nur Hidayah Jamar, Paraskevi Kritsiligkou 🖻 & Chris M. Grant 🕩

Correction to: Scientific Reports https://doi.org/10.1038/s41598-018-22183-2 published online 01 March 2018

The original version of this Article contained errors. Panels upf1 and dom34 in Figure 1 looked to have originated from the same sample. The Authors now reviewed the original data and for clarity all representative images in Figure 1 have been replaced. Additionally, the Authors recalculated the results shown in Figure 1B using the original data and the graph has also been updated. The original Figure 1 is shown below, for reference:

The original version of the Article has been corrected.

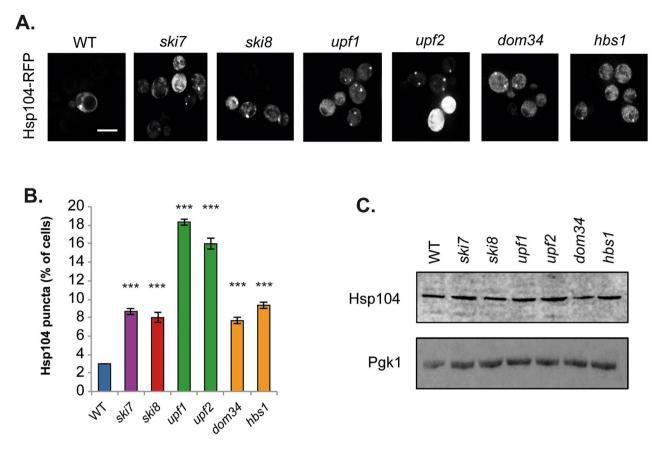


Figure 1. Strains lacking components of mRNA surveillance pathways have higher levels of protein aggregation. (**A**) Hsp104-RFP was visualized in wild-type and mutant strains disrupted for NGD (*dom34*, *hbs1*), NMD (*upf1*, *upf2*), NSD (*ski7*) and the Ski complex (*ski8*). Examples of cells containing visible puncta are shown. (**B**) The percentage of cells containing visible Hsp104-RFP puncta is quantified for each strain. Data shown are the means of three independent biological repeat experiments ± SD. Significance is shown compared with the wild-type strain; ***p <0.001. (**C**) Western blot analysis of Hsp104 protein levels. Blots were probed with a Pgk1 antibody as a loading control. The full blots are shown in Supplementary Fig. 1.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/.

© The Author(s) 2021