PARP16 is a tail-anchored endoplasmic reticulum protein required for the PERK- and IRE1 α -mediated unfolded protein response

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While this manuscript was under consideration, an article by Di Paola *et al.* reported an ER localization for PARP16. In the version of this Letter initially published online and in print, the reference (*PLoS ONE* 7, e37352; 2012) was inadvertently omitted from the reference list. On page 8, the following text has replaced the previous text:

We show that the ER-associated tail-anchored protein PARP16 selectively ADP-ribosylates PERK and IRE1 α during the UPR, and that such modification is required for activation of PERK and IRE1 α at least in part by increasing their kinase and endonuclease activities. While this manuscript was under revision, Di Paola *et al.* independently showed that PARP16 is ER-localised, and a tail-anchored protein²². Interestingly, *Saccharomyces cerevisiae* lacks PARP proteins and has only one ER stress sensor, Ire1.

The omitted reference has now been added to the reference list:

22. Di Paola, S., Micaroni, M., Di Tullio, G., Buccione, R. & Di Girolamo, M. PARP16/ARTD15 is a novel endoplasmic-reticulum-associated mono-ADP-ribosyltransferase that interacts with, and modifies karyopherin- β 1. *PLoS ONE* 7, e37352 (2012).

References 22–27 have been changed to 23–28, respectively.

MCUR1 is an essential component of mitochondrial Ca²⁺ uptake that regulates cellular metabolism

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In the version of this Letter that was originally published, the affiliation of Jordi Molgó was erroneous. The correct affiliation is: CNRS, Institut de Neurobiologie Alfred Fessard FRC2118, Laboratoire de Neurobiologie et Développement, UPR 3294, 91198 Gif-sur-Yvette cedex, France.

This has now been corrected online.