

## University of Dundee

### Author Correction

Dayalan Naidu, Sharadha; Muramatsu, Aki; Saito, Ryota; Asami, Soichiro; Honda, Tadashi; Hosoya, Tomonori

*Published in:*  
Scientific Reports

*DOI:*  
[10.1038/s41598-024-55265-5](https://doi.org/10.1038/s41598-024-55265-5)

*Publication date:*  
2024

*Licence:*  
CC BY

*Document Version*  
Publisher's PDF, also known as Version of record

[Link to publication in Discovery Research Portal](#)

*Citation for published version (APA):*

Dayalan Naidu, S., Muramatsu, A., Saito, R., Asami, S., Honda, T., Hosoya, T., Itoh, K., Yamamoto, M., Suzuki, T., & Dinkova-Kostova, A. T. (2024). Author Correction: C151 in KEAP1 is the main cysteine sensor for the cyanoenone class of NRF2 activators, irrespective of molecular size or shape. *Scientific Reports*, 14(1), Article 4774. <https://doi.org/10.1038/s41598-024-55265-5>

#### General rights

Copyright and moral rights for the publications made accessible in Discovery Research Portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

#### Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.



OPEN

# Author Correction: C151 in KEAP1 is the main cysteine sensor for the cyanoenone class of NRF2 activators, irrespective of molecular size or shape

Sharadha Dayalan Naidu, Aki Muramatsu, Ryota Saito, Soichiro Asami, Tadashi Honda, Tomonori Hosoya, Ken Itoh, Masayuki Yamamoto, Takafumi Suzuki & Albena T. Dinkova-Kostova

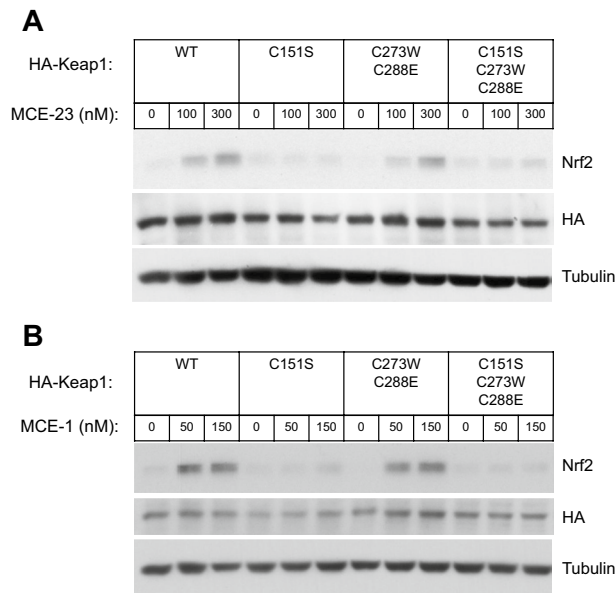
Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-26269-9>, published online 23 May 2018

This Article contains an error in Figure 3.

As a result of an error during the preparation of the figures for this Article, the western blots shown in Figure 3A and 3B contained an additional lane for the protein Tubulin. This is because an additional sample was loaded in the last lane of the gel to prevent potential stretching of the gel in this lane during electrophoresis if left empty. It was subsequently left uncropped from the tubulin blot shown in the published figure.

The corrected Figure 3 and its accompanying legend appear below.

Published online: 27 February 2024



**Figure 3.** C151 in KEAP1 is the primary sensor for MCE-23 and MCE-1 in MEF cells. Western blot analyses of total cell lysates of KEAP1-knockout MEF cells rescued with either wild-type (WT), single cysteine mutant C151S, double cysteine mutant C273W/C288E or triple cysteine mutant C151S/C273W/C288E of mouse N-terminally tagged HA-KEAP1. Cells ( $3 \times 10^5$  per well), growing in 6-well plates, were exposed to vehicle (0.1% DMSO) (A,B), MCE-23 (A) or MCE-1 (B) for 3 h, after which the cells were lysed. Immunoblotting was performed on cell lysates using antibodies raised against NRF2, HA and  $\alpha$ -tubulin.



**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) 2024