

CORRECTION

Correction: RNF111-facilitated neddylation potentiates cGAS-mediated antiviral innate immune response

Chenhui Li, Lele Zhang, Dong Qian, Mingxing Cheng, Haiyang Hu, Ze Hong, Ye Cui, Huansha Yu, Quanyi Wang, Juanjuan Zhu, Wei Meng, Jin-fu Xu, Yi Sun, Peng Zhang, Chen Wang

In [Fig 4A](#), the DAPI-ISD stimulation image was inadvertently included twice, in place of the mock control. Please see the correct [Fig 4](#) below.



OPEN ACCESS

Citation: Li C, Zhang L, Qian D, Cheng M, Hu H, Hong Z, et al. (2021) Correction: RNF111-facilitated neddylation potentiates cGAS-mediated antiviral innate immune response. *PLoS Pathog* 17(11): e1010048. <https://doi.org/10.1371/journal.ppat.1010048>

Published: November 3, 2021

Copyright: © 2021 Li et al. This is an open access article distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

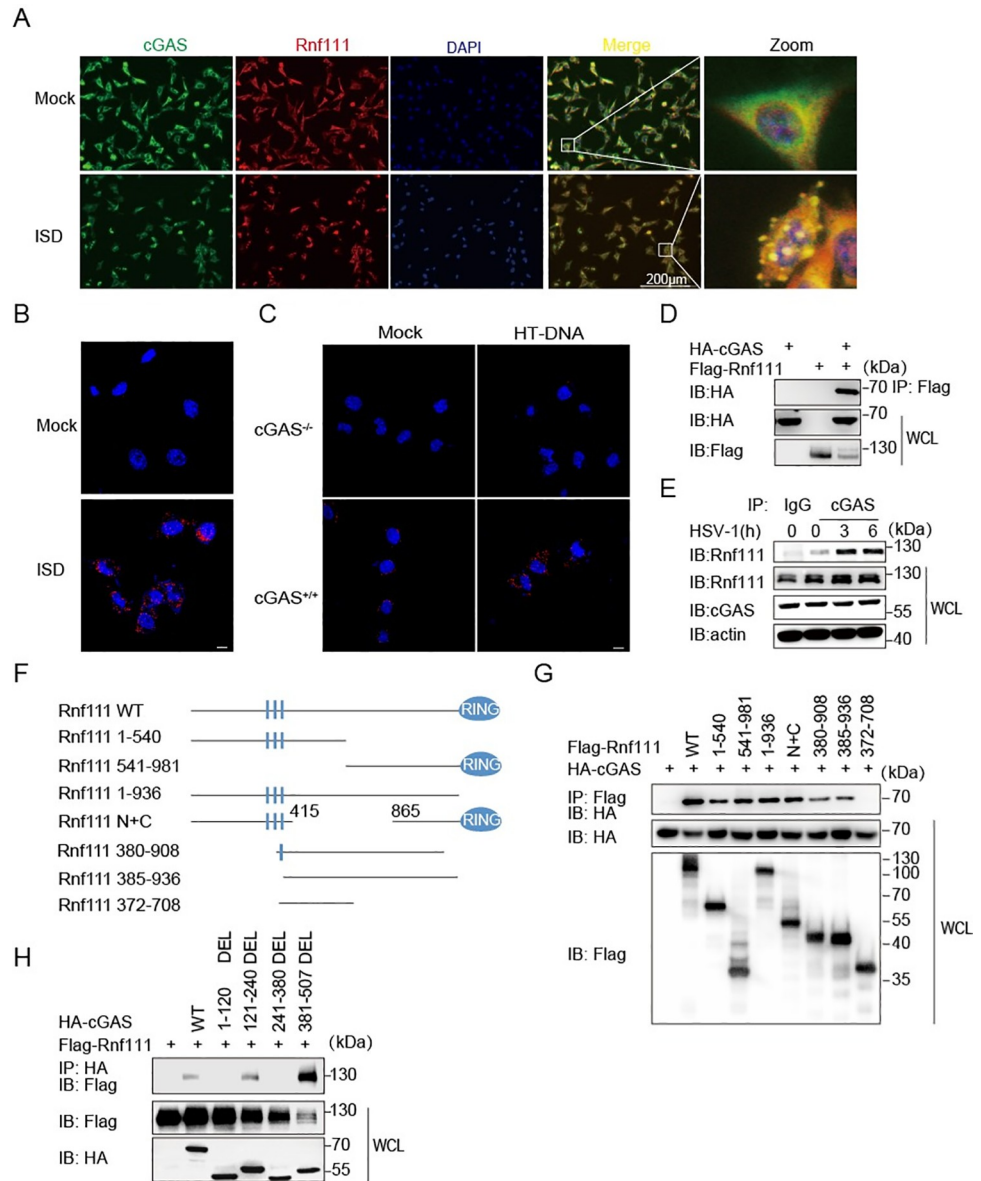


Fig 4. Rnf111 interacts with cGAS. (A) MEFs were stimulated with ISD for 3h, stained with indicated antibodies and imaged by confocal microscopy. Scale bars represent 200 μ m. (B) MEFs were stimulated with ISD for 3h, then PLA analysis was applied to detect the interaction between cGAS and Rnf111. Scale bars represent 10 μ m. (C) WT or cGAS^{-/-} L929 were stimulated with HT-DNA for 3h, then PLA analysis was applied to detect the interaction between cGAS and Rnf111. Scale bars represent 10 μ m. (D) HEK293T cells were transfected with indicated plasmids, 24h after transfection, cell lysis was immunoprecipitated with an anti-Flag antibody and then immunoblotted with indicated antibodies. (E) MEFs were infected with HSV-1 (MOI = 0.5) for the indicated time, cell lysis was immunoprecipitated with an anti-cGAS or IgG antibodies and then immunoblotted with indicated antibodies. (F) Diagrams of Rnf111 truncations used in this paper. (G) HEK293T cells were transfected with indicated plasmids for 24h, then cell lysis was immunoprecipitated with anti-Flag antibody and then immunoblotted with indicated antibodies. (H) HEK293T cells were co-transfected with plasmids of different truncations of cGAS and Rnf111, 24h after transfection, lysates of HEK293T were immunoprecipitated with anti-HA antibody and then immunoblotted with indicated antibodies.

<https://doi.org/10.1371/journal.ppat.1010048.g001>

Reference

1. Li C, Zhang L, Qian D, Cheng M, Hu H, Hong Z, et al. (2021) RNF111-facilitated neddylation potentiates cGAS-mediated antiviral innate immune response. *PLoS Pathog* 17(3): e1009401. <https://doi.org/10.1371/journal.ppat.1009401> PMID: 33720974