

SCIENTIFIC REPORTS

OPEN

Author Correction: Nuclear localization of Beclin 1 promotes radiation-induced DNA damage repair independent of autophagy

Fei Xu¹, Yixuan Fang¹, Lili Yan¹, Lan Xu¹, Suping Zhang^{1,2,3}, Yan Cao¹, Li Xu¹, Xiaoying Zhang¹, Jialing Xie¹, Gaoyue Jiang¹, Chaorong Ge¹, Ni An¹, Daohong Zhou³, Na Yuan^{1,2} & Jianrong Wang^{1,2}

Correction to: *Scientific Reports* <https://doi.org/10.1038/srep45385>, published online 27 March 2017

This Article contains errors. In Figure 2C, the representative comet image for Beclin^{-/-} IR group is incorrect. The correct Figure 2C appears below as Figure 1.

In Figure 5B, the image flow cytometry is incorrect. The correct Figure 5B appears below as Figure 2.

In the legend of Supplementary Figure S1,

“GAPDH served as an internal control for cytoplasmic protein loading in (C)”

should read:

“β-actin served as an internal control for cytoplasmic protein loading in (C)”

In the legend of Supplementary Figure S3,

“(B) Immunoblotting analysis of the indicated wild-type cells and the various beclin1 targeted HeLa cell clones. GAPDH was used as an internal control in this and other figures”.

should read:

“(C) Immunoblotting analysis of the indicated wild-type cells and the various beclin1 targeted HeLa cell clones. GAPDH was used as an internal control in this and other figures”.

In Supplementary Figure S5B, the representative image for beclin1^{-/-} Beclin1 IR-3h group is incorrect. The correct Supplementary Figure S5B appears below as Figure 3.

Finally, in Supplementary Figure S7A, the statistical comparison of the histogram between atg7^{-/-} Vector and atg7^{-/-} Beclin1 should be “**”, not “ns”. The correct Supplementary Figure S7A appears below as Figure 4.

¹Hematology Center of Cyrus Tang Medical Institute, Collaborative Innovation Center of Hematology, Soochow University School of Medicine, Suzhou, 215123, China. ²Jiangsu Institute of Hematology, Jiangsu Key Laboratory for Stem Cell Research, The First Affiliated Hospital, Soochow University School of Medicine, Suzhou, 215123, China. ³Division of Radiation Health, Department of Pharmaceutical Sciences, University of Arkansas Medical Sciences, Little Rock, Arkansas, 72205, USA. Correspondence and requests for materials should be addressed to N.Y. (email: nyuan@suda.edu.cn) or J.W. (email: jrwang@suda.edu.cn)

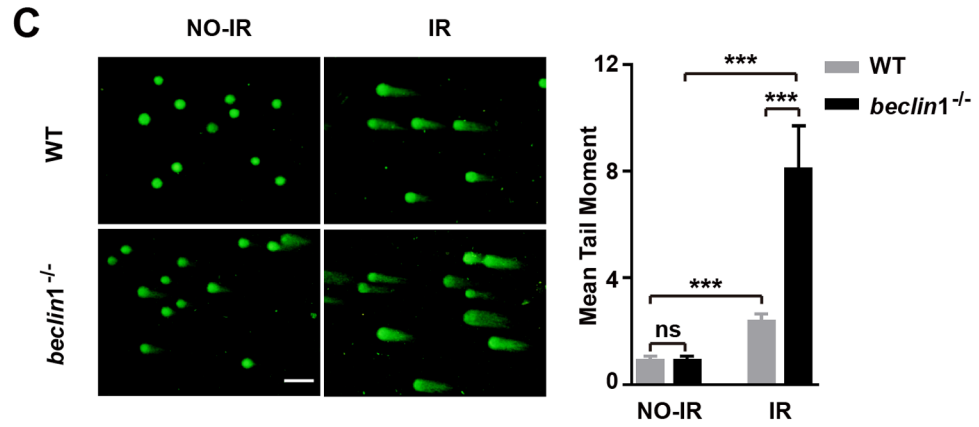


Figure 1. .

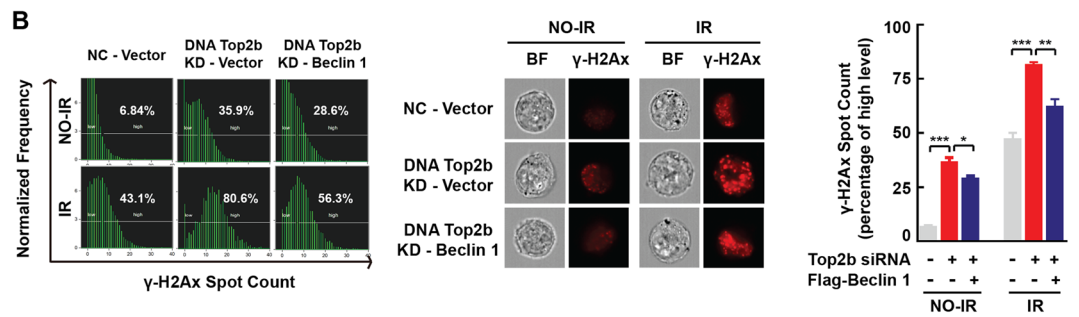


Figure 2. .

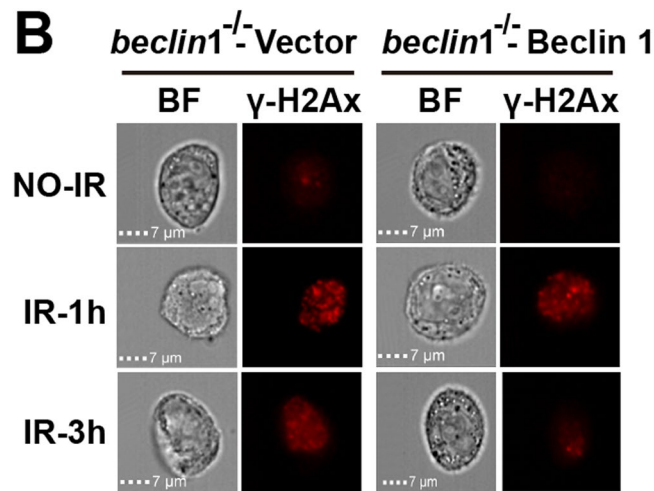


Figure 3. .

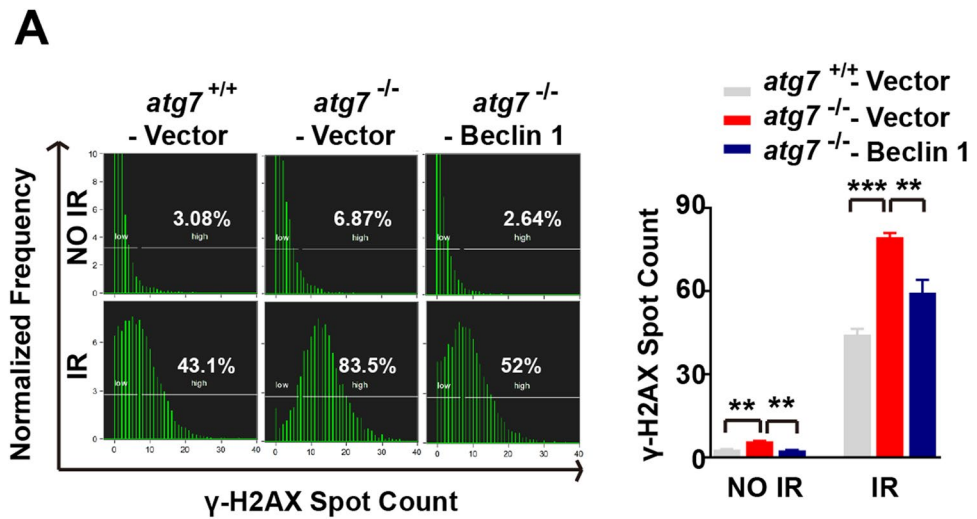



Figure 4. .

 **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 license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license 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 license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2019