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Journal

PLoS ONE, 12(3)

Authors

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Publication Date

2017

DOI

10.1371/journal.pone.0174195

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CORRECTION

Correction: Scaffold Functions of 14-3-3 Adaptors in B Cell Immunoglobulin Class Switch DNA Recombination

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There is an error in Fig 2D. The flow cytometry plot showing the interaction of 14-3-3 ζ with Ung Δ (1–84) (right panel) in the BiFC assay was an erroneous duplication of the plot showing the interaction of 14-3-3 ζ with Ung (left panel). The authors have provided a correct flow cytometry plot for Fig 2D here.





Citation: Lam T, Thomas LM, White CA, Li G, Pone EJ, Xu Z, et al. (2017) Correction: Scaffold Functions of 14-3-3 Adaptors in B Cell Immunoglobulin Class Switch DNA Recombination. PLoS ONE 12(3): e0174195. https://doi.org/10.1371/journal.pone.0174195

Published: March 15, 2017

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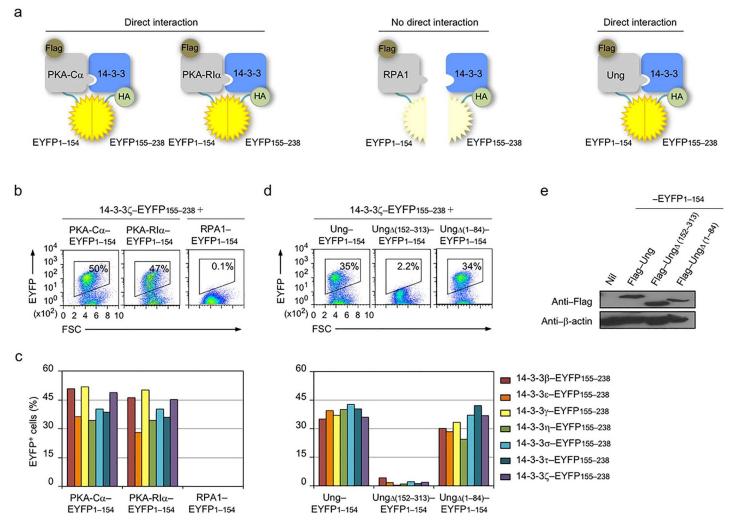


Fig 2. 14-3-3 adaptors interact with PKA and Ung. (a) Schematics of the principle of the BiFC assays to analyze interaction of 14-3-3 (HA-14-3-3-EYFP155-238) with PKA-Cα (Flag-PKA-Cα-EYFP1-154), PKA-RIα (Flag-PKA-RIα-EYFP1-154), RPA1 (Flag-RPA1-EYFP1-154) or Ung (Flag-Ung-EYFP1-154). (b) BiFC assays of the interaction between 14-3-3ζ (fused to EYFP155-238) and PKA-Cα and PKA-RIα, but not RPA1 (fused to EYFP1-154) in HeLa cells, as analyzed by flow cytometry. (c) Quantification of the interaction between each of the seven 14-3-3 isoforms (β , ϵ , γ , η , σ , τ , ζ ; fused to EYFP155-238) and PKA-Cα, and PKA-RIα or RPA1 (fused to EYFP1-154, left panel), and Ung, and UngΔ(152-313) or UngΔ(1-84) (fused to EYFP1-154, right panel) in HeLa cells depicted as percentage of EYFP+, as analyzed by flow cytometry. (d) BiFC assays of the interaction between 14-3-3ζ (fused to EYFP155-238) and Ung and N-terminal truncation mutant UngΔ(1-84), but not C-terminal truncation mutant UngΔ(152-313) (fused to EYFP1-154) in HeLa cells, as analyzed by flow cytometry. (e) Immunoblotting using specific mAbs to identify Flag and β -actin in HeLa cell expressing nil (pcDNA3 vector), Flag-UngΔ(1-84) (fused to EYFP1-154). Data are representative of those from three independent experiments.

https://doi.org/10.1371/journal.pone.0174195.g001

Reference

 Lam T, Thomas LM, White CA, Li G, Pone EJ, Xu Z, et al. (2013) Scaffold Functions of 14-3-3 Adaptors in B Cell Immunoglobulin Class Switch DNA Recombination. PLoS ONE 8(11): e80414. doi:10.1371/journal.pone.0080414 PMID: 24282540