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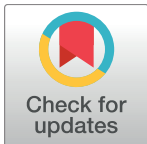
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Correction: Scaffold Functions of 14-3-3 Adaptors in B Cell Immunoglobulin Class Switch DNA Recombination

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There is an error in Fig 2D. The flow cytometry plot showing the interaction of 14-3-3ζ with UngΔ (1–84) (right panel) in the BiFC assay was an erroneous duplication of the plot showing the interaction of 14-3-3ζ with Ung (left panel). The authors have provided a correct flow cytometry plot for Fig 2D here.
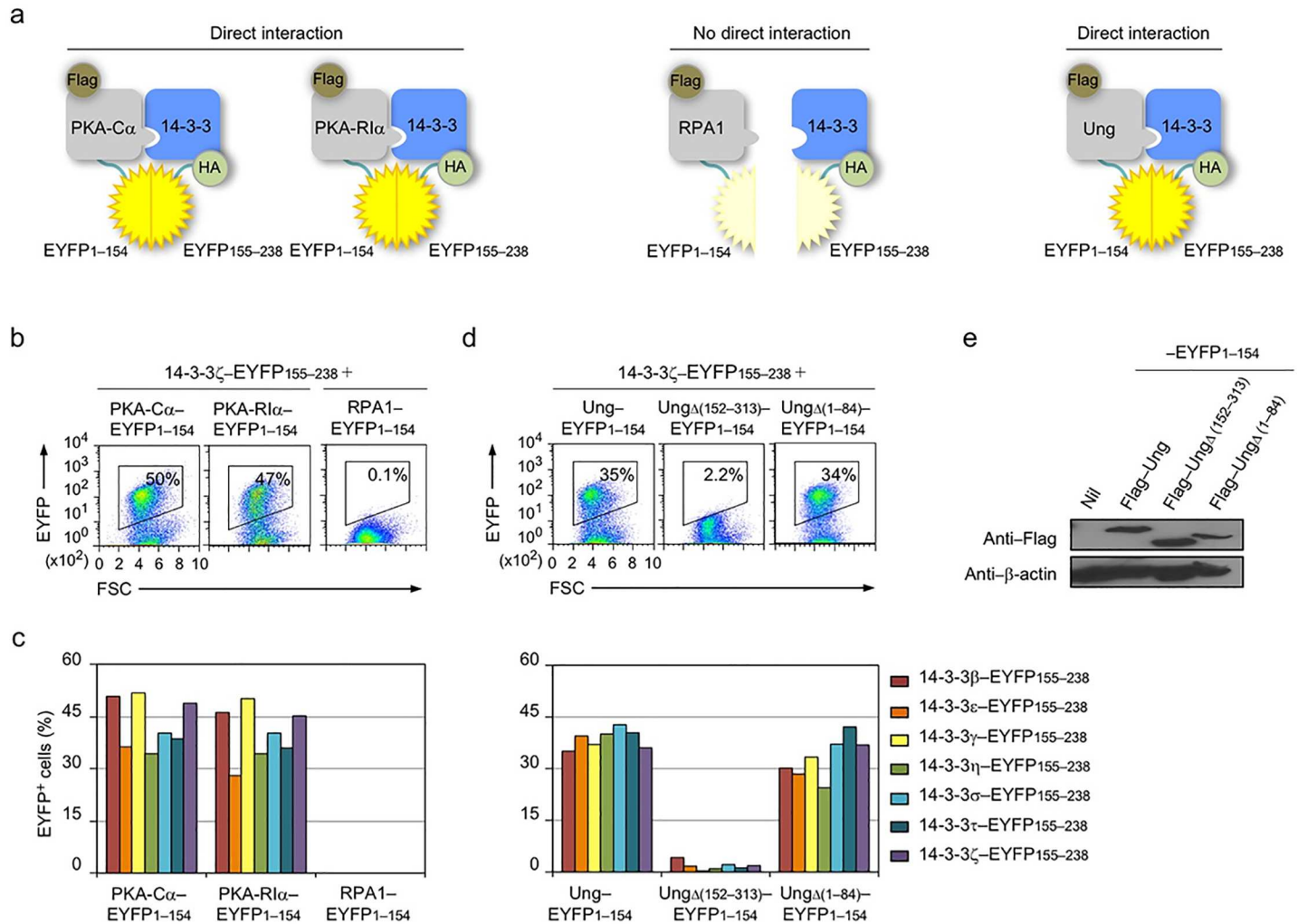
Fig 2. 14-3-3 adaptors interact with PKA and Ung. (a) Schematics of the principle of the BiFC assays to analyze interaction of 14-3-3 (HA–14-3-3–EYFP155–238) with PKA-Cα (Flag–PKA-Cα–EYFP1–154), PKA-RIα (Flag–PKA-RIα–EYFP1–154), RPA1 (Flag–RPA1–EYFP1–154) or Ung (Flag–Ung–EYFP1–154). (b) BiFC assays 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–Ung, Flag–UngΔ(152–313), Flag–UngΔ(1–84) (fused to EYFP1–154). Data are representative of those from three independent experiments.

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Reference

1. 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