

Editorial Expression of Concern: HoxC4 binds to the promoter of the cytidine deaminase AID gene to induce AID expression, class-switch DNA recombination and somatic hypermutation

Addendum to: *Nature Immunology*
<https://doi.org/10.1038/ni.1725>,
published online 12 April 2009.

Seok-Rae Park, Hong Zan, Zsuzsanna Pal, Jinsong Zhang, Ahmed Al-Qahtani,
Egest J. Pone, Zhenming Xu, Thach Mai & Paolo Casali

<https://doi.org/10.1038/s41590-025-02379-1>

Published online: 12 December 2025

The Editor would like to alert the readers that concerns have been raised regarding some of the data presented in this article, specifically:

- Fig. 3a, top two plots appear to share highly similar datapoints;
- Fig. 8c, Human 2E2 (nil) blot appears to show repetitive features in the 'empty' lanes;
- Fig. 8c, Mouse spleen (nil) lanes 6 and 8 appear to have repetitive features;
- Supplementary Fig. 2, IgG3 LPS and IgA LPS+TGF- β +IL-4+IL-5+anti- δ mAb-dextran plots appear highly similar.

The original data are no longer available due to the age of the article. Readers are therefore advised to interpret these data with caution.

Egest J. Pone agrees to this Editorial Expression of Concern. Seok-Rae Park does not agree to this Editorial Expression of Concern. Paolo Casali has not explicitly stated whether they agree to this Editorial Expression of Concern. The other authors have not responded to any correspondence from the Editor or Publisher about this Editorial Expression of Concern.

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Retraction Note: Dysregulation of CD30⁺ T cells by leukemia impairs isotype switching in normal B cells

Retraction to: *Nature Immunology* 2:
150–156 (2001); https://www.nature.com/articles/ni0201_150; Article published online
February 2001

Andrea Cerutti, Edmund C. Kim, Shefali Shah, Elaine J. Schattner, Hong Zan,
Andr as Schaffer & Paolo Casali

<https://doi.org/10.1038/s41590-025-02405-2>

Published online: 9 January 2026

The Editor has retracted this article. After publication, concerns were raised regarding some image irregularities within the article. Specifically:

- Fig.3A, Ig β , lanes 2-3 and lanes 6-7 appear to be highly similar
- Fig.3A, I γ 3-C γ 3 appears to present signs of digital editing
- Fig.3A, NF-k β , lane 5 and lane 7 appear to be highly similar
- Fig.7, NF-k β , lane 2 and lane 5 (small blot) appear to be highly similar

The original data are no longer available due to the age of the article. Upon request, the Authors could not provide a satisfactory response to the concerns raised. The Editor no longer has confidence in the results and conclusions of this article.

Andrea Cerutti, Elaine Schattner and Paolo Casali agree with this retraction.

Hong Zan did not respond to correspondence from the Publisher about this retraction.

Edmund C. Kim, Shefali Shah and Andr as Schaffer could not be contacted by the Publisher.

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