Retraction Note: Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells

Retraction to: *Nature Immunology*
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The Editor has retracted this article. After publication, concerns were raised regarding some of the gel and blot images presented in the figures, specifically:

- Fig. 5f Oct1 blot lanes 1-4 and 5-8 appear highly similar, ȧipped horizontally (addressed by a 2016 correction[1]);
- Fig. 2b Iμ-Cμ lanes 4-5 and 6-7 appear highly similar;
- Fig. 5a IKK-β lanes 1-7 and 5d Actin lanes 2-8 appear highly similar;
- Fig. 6d Oct-1 lanes 1-5 appear highly similar to Supplementary Fig. S3d Oct-1
- Fig. S3f STAT6 lanes 1 and 2 appear highly similar.

The authors have been unable to provide the underlying raw data as the experiments were performed >20 years ago, although some data from alternative replicates remain available.

Due to the number of concerns, the Editor no longer has confidence in the presented data.

Bing He, April Chiu, Amy Chadburn and Andrea Cerutti have not responded to any correspondence from the publisher about this retraction notice. The Publisher has not been able to obtain current email addresses for Xugang Qiao and Daniel M Knowles.

References

1. Qiao, X., He, B. & Chiu, A. et al. Correction: Corrigendum: Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells. *Nat Immunol* **17**, 1235 (2016).

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