

Corrigendum: A lentivirus-based system to functionally silence genes in primary mammalian cells, stem cells and transgenic mice by RNA interference

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The authors wish to remove panels **b**, **d** and **e** of **Figure 2** because they were falsified or fabricated. **Figure 2** shows the functional silencing of genes in primary cells by lentiviral-mediated RNAi. The authors showed that primary activated T cells can be successfully transduced by lentivirus and that RNAi-targeted surface markers are downregulated in transduced cells (**Fig. 2a**). This knockdown leads to a deficiency in T cell proliferation in response to IL-2 (**Fig. 2c**). These conclusions remain intact. **Figure 2b** demonstrates the transduction of bone marrow-derived dendritic cells and the knockdown of bim expression. **Figure 2d** shows the transduction of hematopoietic stem cells (HSCs) and the expression of GFP marker in splenocytes from chimeras derived from transduced HSCs. **Figure 2e** shows the reduction in CD8⁺ cells harvested in CD8-knockdown bone marrow chimeras. However, the data supporting the transduction of dendritic cells or HSCs with the lentiviral vector pLL3.7 and the resulting knockdown has been determined to be falsified or fabricated, invalidating the conclusions drawn from these panels (**Fig. 2b,d,e**). We have no reason to believe that the other results and interpretations in this paper need to be corrected. This correction follows an investigation by the Massachusetts Institute of Technology into scientific misconduct by Luk Van Parijs, the communicating author of the paper. The investigation also found that Dr. Van Parijs was solely responsible for the scientific misconduct that resulted in the falsified or fabricated data in this paper.

In addition, the authors wish to revise a Corrigendum regarding this paper that was published at Dr. Van Parijs' request (*Nat. Genet.* 34, 231; 2003). The Corrigendum contained a revised author list that mistakenly omitted Mingdi Zhang, an author on the original paper. The complete author list is as follows: Douglas A. Rubinson, Christopher P. Dillon, Adam V. Kwiatkowski, Claudia Sievers, Lili Yang, Johnny Kopinja, Dina L. Rooney, Mingdi Zhang, Melanie M. Ihrig, Michael T. McManus, Frank B. Gertler, Martin L. Scott & Luk Van Parijs.

That Corrigendum also acknowledged partial support from the Broad Institute for the work reported in the paper. The Broad Institute in fact did not support any of that work, and the acknowledgment of its support was mistaken.

Editor's note: all of the authors, with the exception of Luk Van Parijs, agree with the wording of this Corrigendum.