Correction

Correction: Tripartite Motif-Containing Protein 30 Modulates TCR-Activated Proliferation and Effector Functions in CD4⁺ T Cells

The PLOS ONE Staff

The image for Figure 1 was inadvertently published as a duplicate of Figure 2. Please view the correct image for Figure 1 [here](#).

Citation: The PLOS ONE Staff (2014) Correction: Tripartite Motif-Containing Protein 30 Modulates TCR-Activated Proliferation and Effector Functions in CD4⁺ T Cells. PLoS ONE 9(5): e99267. doi:10.1371/journal.pone.0099267

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Figure 1. Generation of *Trim30* knockout mice. (A) A diagram representing the targeting construct, the *Trim30* gene locus (Wild-type locus), and the locus after targeting (Targeted locus). The targeting construct contains a stop codon and a neomycin selectable marker in exon 2 of *Trim30*. (B) Genomic DNA fragments from *Trim30*^{+/−} and *Trim30*^{−/−} progeny after Southern blotting with NcoI digestion. Wild-type alleles (10 kb) and the targeted alleles (8 kb) are indicated. (C) Genomic DNA isolated from *Trim30*^{+/+}, *Trim30*^{−/−}, and *Trim30*^{+/−} was subjected to PCR. (D) Tissue *Trim30* mRNA expression from *Trim30*^{+/+} and *Trim30*^{−/−} mice. RT-PCR analysis revealed high *Trim30* transcript levels in lymphoid organs (spleen, thymus, and lymph node) and bone marrow in contrast to the low levels of *Trim30* transcripts in non-hematopoietic tissues (E) TRIM30 protein expression level in tissues from *Trim30*^{+/+} and *Trim30*^{−/−} mice as determined with immunoblotting using anti-Trim30 antibody. *, non-specific signal. (F) BMDMs were stimulated with LPS (200 ng/ml) or poly(I:C) (5 µg/ml), and *Trim30* transcripts were quantified by quantitative RT-PCR. For detection of cytokine expression, *Trim30*^{+/+} and *Trim30*^{−/−} BMDMs were pretreated for 18 hr with LPS (LSP pre) and then restimulated with LPS (LPS re) indicated time or stimulated with poly(I:C) and transcripts for indicated cytokines were quantified by quantitative RT-PCR. Expression was normalized to GAPDH. (G) Survival of mice (n = 14 per group) given i.p injection of LPS (20 mg/kg) (upper panel). Survival of mice (n = 18 per group) given i.p infection of *Listeria monocytogenes* (2 × 10⁶ CFU per mouse) (lower panel). Data are representative results from three independent experiments. Error bars in D, E, F indicate s.d.

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Reference

1. Choi UY, Hur JY, Lee MS, Zhang Q, Choi WY, et al. (2014) Tripartite Motif-Containing Protein 30 Modulates TCR-Activated Proliferation and Effector Functions in CD4⁺ T Cells. PLoS ONE 9(4): e95805. doi:10.1371/journal.pone.0095805