

<https://doi.org/10.1038/s41541-026-01380-5>

# Author Correction: Oral vaccination stimulates neutrophil functionality and exerts protection in a *Mycobacterium avium* subsp. *paratuberculosis* infection model

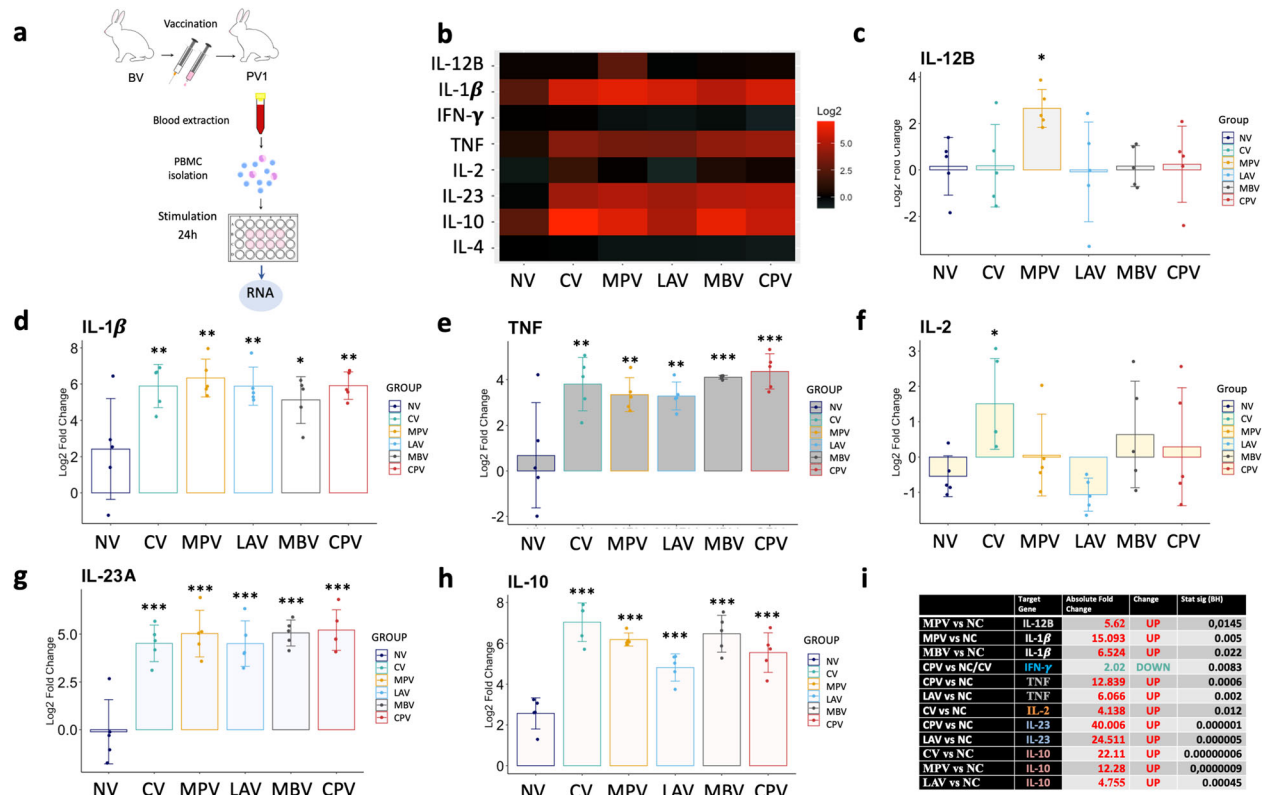
Check for updates

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Correction to: *npj Vaccines* <https://doi.org/10.1038/s41541-021-00367-8>, published online 12 August 2021

In the original Article, Figure 7 was inadvertently published twice, appearing also as Figure 8. The correct Figure 8 and its corresponding figure legend is provided below. The original Article has been corrected.

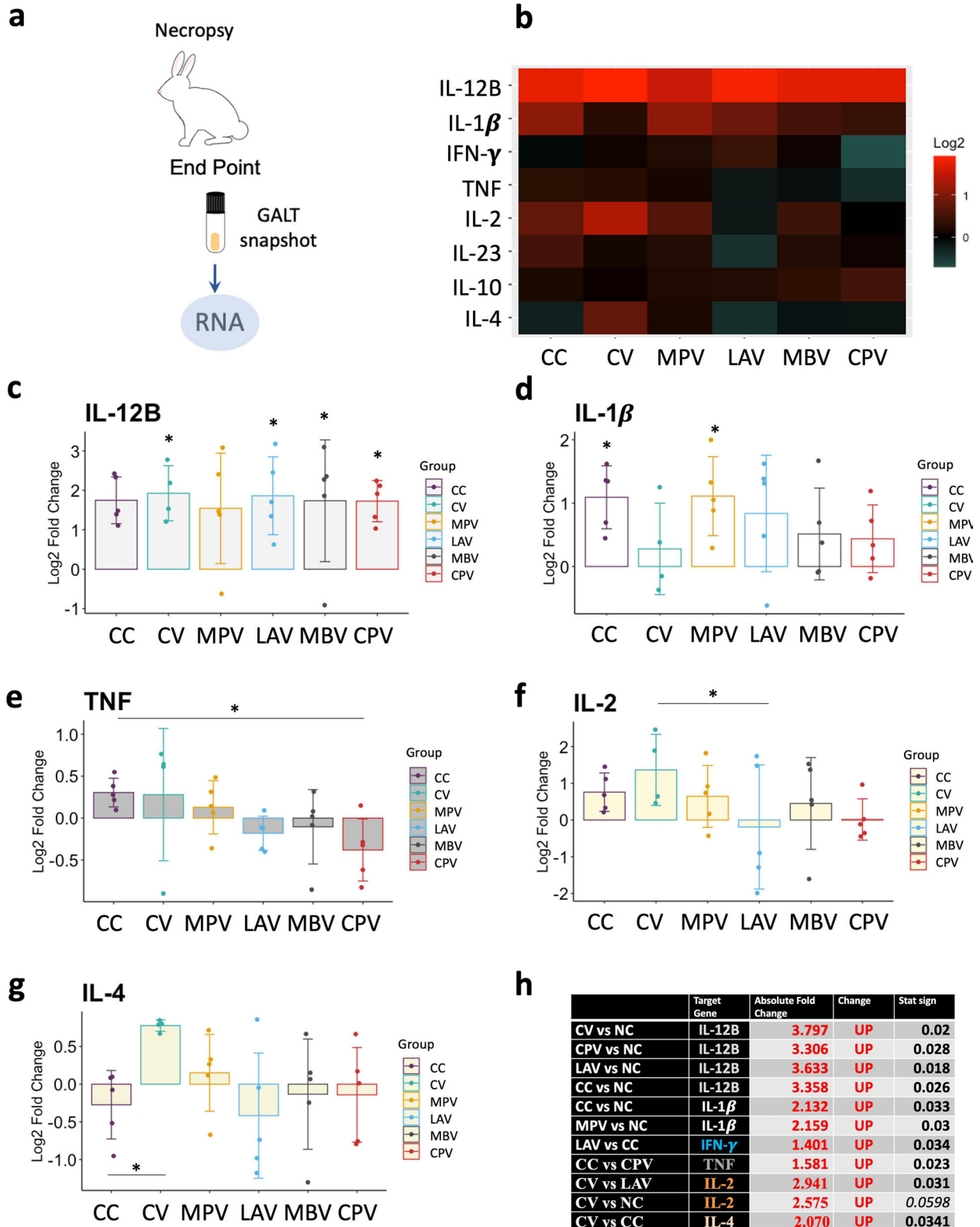
Incorrect Figure 8



Incorrect Figure 8 legend:

**Cytokine relative quantification by RT-qPCR in GALT at the end point of the experiment of all challenged groups relative to the NC.** **a** Schematic representation of sample origin. **b** Heatmap representation of the average expression of cytokines; in red upregulated and in green downregulated gene expression. Bar charts showing log<sub>2</sub> fold change between groups. **c** IL-12B, **d** IL-1β, **e** TNF, **f** IL-2, **g** IL-23A, **h** IL-10, **i** Table summarizing significant differences between groups in cytokine expression and the Absolute Fold Change Factor. All values were means with error bars representing standard deviation from groups of  $n = 5$ , except for NC which was  $n = 4$ . ANOVA with Tukey's post-hoc test was applied and significance levels are  $*p < 0.05$ ,  $**p < 0.01$ ,  $***p < 0.001$ .

Correct Figure 8



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Corrected Figure 8 legend:

Cytokine relative quantification by RT-qPCR in GALT at the end point of the experiment of all challenged groups relative to the NC. **a** Schematic representation of sample origin. **b** Heatmap representation of the average expression of cytokines; in red up-regulated and in green down-regulated gene expression. Bar charts showing log<sub>2</sub> fold change between groups. **c** IL-12B, **d** IL-1b, **e** TNF, **f** IL-2, **g** IL-4, **h** table summarizing significant differences between groups in cytokine expression and the Absolute Fold Change Factor. All values were means with error bars representing standard deviation from groups of  $n = 5$ , except for NC which was  $n = 4$ . ANOVA with Tukey's post-hoc test was applied and significance levels are  $*p < 0.05$ ,  $**p < 0.01$ ,  $***p < 0.001$ .

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Published online: 06 February 2026