**Supplementary Material**

Interleukin-4 supports the suppressive immune responses elicited by regulatory T cells

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Supplementary figure

![Graph](image)

Supplement Figure 1. Tregs and Tresps from WT and IL-4 KO mice demonstrated no significant differences in their proliferation profiles when they were stimulated alone under different experimental circumstances.

(A) $2 \times 10^5$ of Tregs or Tresps from WT or IL-4 KO were mixed with $1 \times 10^5$ of irradiated total splenocytes as accessory cells and then activated by anti-CD3 plus anti-CD28 monoclonal antibodies for 3 days. The cell proliferation was determined by $^3$H-thymidine incorporation assay. Data are representative of three independent experiments.
Supplement Figure 2. High dose IL-4 supplement did not benefit IL-4 KO and WT Treg cells mediated immune suppression

(A) IL-4 KO Treg cells mediated immune suppression was deteriorated when IL-4 was supplied at higher concentrations. (B) Supplement 10 ng/mL of IL-4 abrogated WT Treg cells mediated immune suppression. Results are presented as the relative percentage of cell proliferation to corresponding Tresps only. (*, \( p<0.05 \), **, \( p<0.01 \), ***, \( p<0.001 \))