Supplementary Material

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

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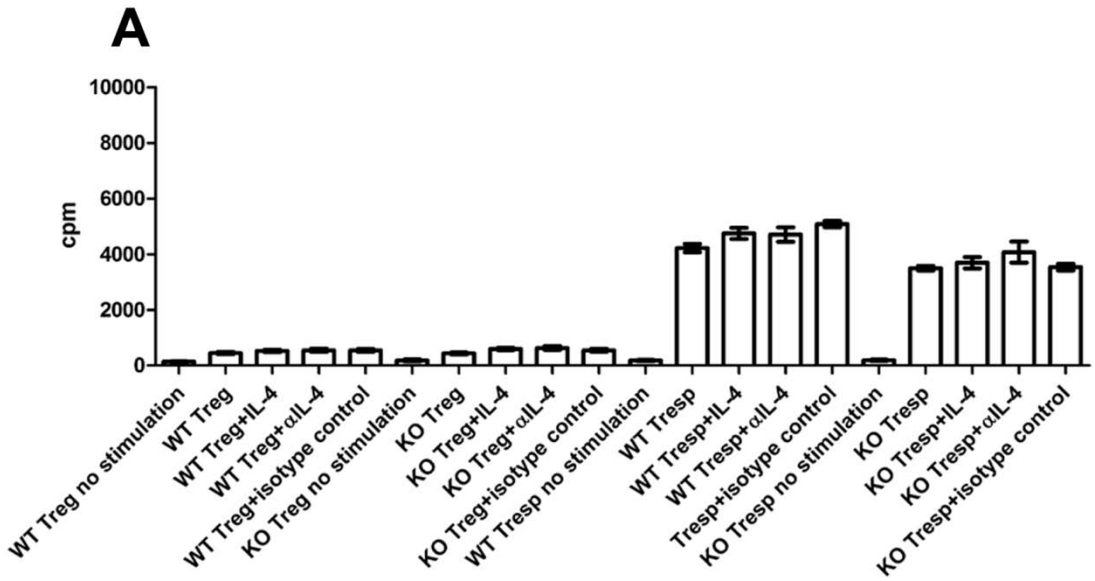
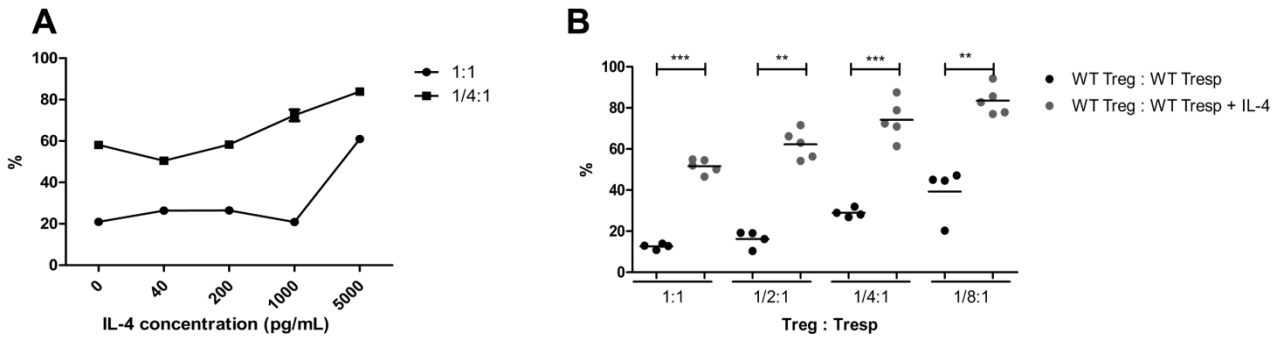
Supplementary figure



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**) 2×10^5 of Tregs or Tresps from WT or IL-4 KO were mixed with 1×10^5 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. (*, $p<0.05$, **, $p<0.01$, ***, $p<0.001$)