



Supplementary information, Figure S12. IL-2 does not promote GM-CSF-producing T_H differentiation from naive $CD4^+$ T cells. **(A)** Naive $CD4^+$ T cells were activated with anti-CD3 and anti-CD28 in the presence of IL-2 or anti-IL-2. The frequencies of GM-CSF⁺, IL-17⁺ and IFN- γ ⁺ cells were analyzed. **(B)** Flow cytometry of CD25 and CD127 on the surface of naive $CD4^+$ T cells or cells activated with anti-CD3 and anti-CD28 at various time points as indicated. **(C)** Activation of STAT5 in naive $CD4^+$ T cells stimulated with IL-2 or IL-7 for 30 min. **(D)** The mRNA expression of GM-CSF in naive $CD4^+$ T cells stimulated with anti-CD3 and anti-CD28 in the presence of IL-2 or IL-7. The RT-PCR data were normalized to β -Actin, and expression in naive T cells activated for 2 h without cytokine was set to 1.