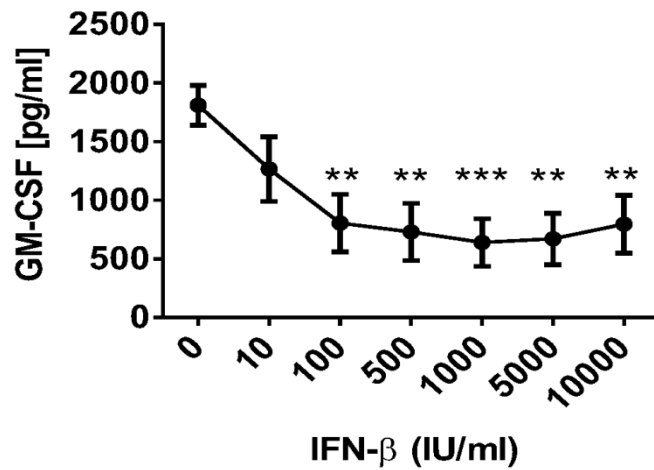


**Supplementary Table I.** Frequency (%) of T-bet, IL-22, and IL-17A expression in GM-CSF<sup>+</sup> T cells of healthy donors

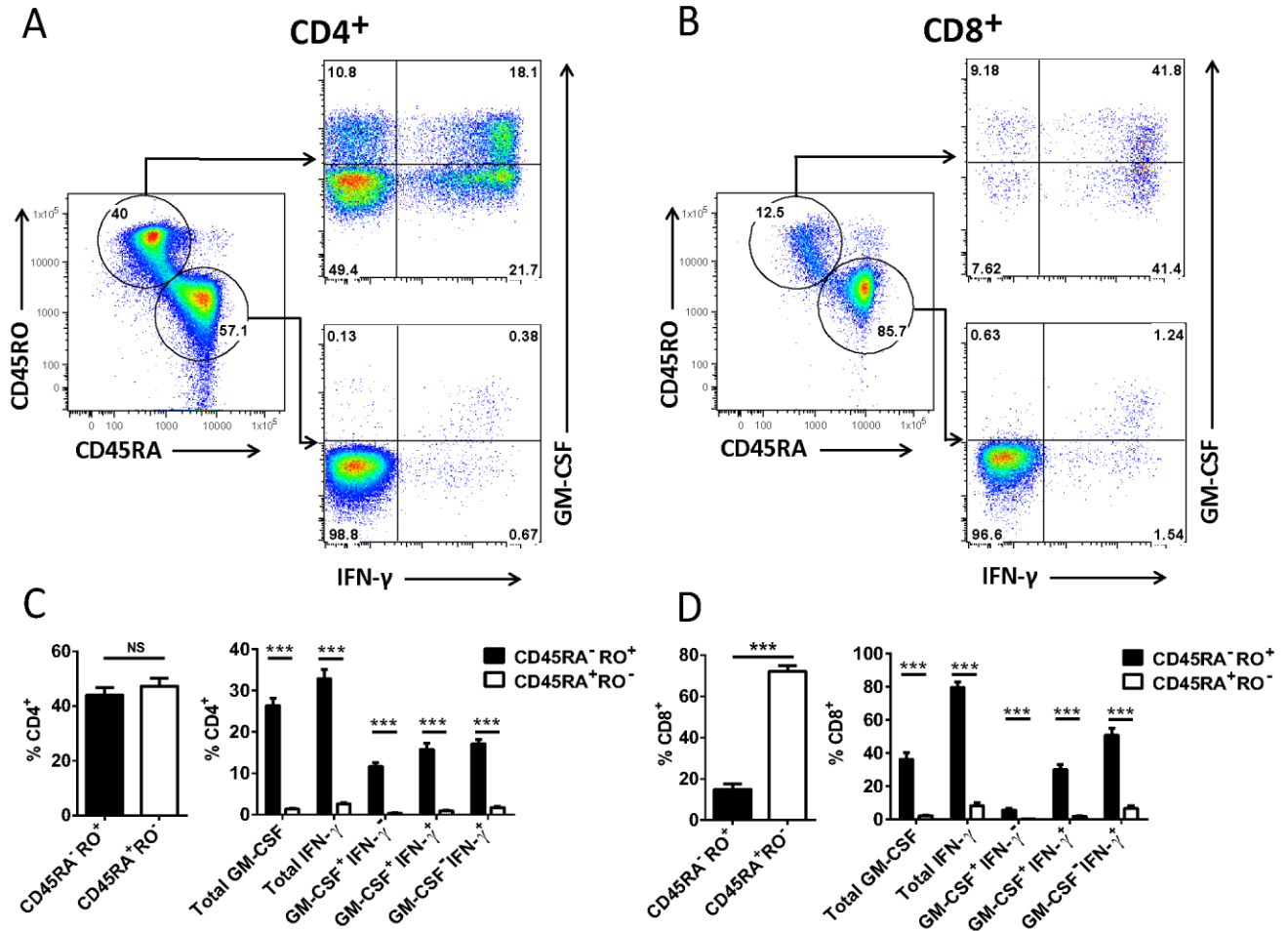
	<b>CD4<sup>+</sup></b>	<b>CD8<sup>+</sup></b>
Total T-bet <sup>+</sup> (%)	10.6 ± 2.9	23.6 ± 3.3
Total GM-CSF <sup>+</sup> T-bet <sup>+</sup> (%)	5.1 ± 2.3	8.9 ± 1.6
T-bet <sup>+</sup> in GM-CSF <sup>+</sup> IFN-γ <sup>+</sup> (%)	52.9 ± 11.9	77.1 ± 4.2
T-bet <sup>+</sup> in GM-CSF <sup>+</sup> IFN-γ <sup>-</sup> (%)	6.1 ± 1.4	5.2 ± 1.1
T-bet <sup>+</sup> in GM-CSF <sup>-</sup> IFN-γ <sup>+</sup> (%)	36.8 ± 5.7	63.4 ± 8.2
Total IL-22 <sup>+</sup> (%)	1.6 ± 0.5	0.4 ± 0.1
GM-CSF <sup>+</sup> IL-22 <sup>+</sup> (%)	1.1 ± 0.4	0.27 ± 0.1
IL-22 <sup>+</sup> in GM-CSF <sup>+</sup> IFN-γ <sup>+</sup> (%)	6.4 ± 0.4	1.2 ± 0.6
IL-22 <sup>+</sup> in GM-CSF <sup>+</sup> IFN-γ <sup>-</sup> (%)	11.6 ± 3.4	4.6 ± 1.8
Total IL-17A <sup>+</sup> (%)	1.44 ± 0.2	0.52 ± 0.1
GM-CSF <sup>+</sup> IL-17A <sup>+</sup> (%)	0.37 ± 0.1	0.26 ± 0.1

Supplementary Figure 1.



**Supplementary Figure 1. IFN-β suppresses GM-CSF production by T cells in a dose-dependent manner.** PBMCs from healthy donors (n=4) were stimulated with anti-CD3 and anti-CD28 Abs in the presence of IFN-β (0-10000 IU/ml) for five days. Concentrations of GM-CSF in cell culture supernatants were measured by ELISA. \*\* p<0.01, \*\*\* p<0.001 (Paired, two-tailed Student t-test).

Supplementary Figure 2.



**Supplementary Figure 2. PB CD45RA<sup>-</sup>RO<sup>+</sup> CD4<sup>+</sup> and CD8<sup>+</sup> cells express GM-CSF and IFN- $\gamma$ .** PBMCs from healthy donors (n=10) were activated with PMA/iono/GP, stained for CD4, CD8, CD45RA, CD45RO, GM-CSF, and IFN- $\gamma$ , and analyzed by flow cytometry. Representative dot-plots of GM-CSF- and IFN- $\gamma$ -expressing CD4<sup>+</sup> (**A**) and CD8<sup>+</sup> (**B**) T cells within CD45RA<sup>+</sup>RO<sup>-</sup> and CD45RA<sup>-</sup>RO<sup>+</sup> T cell subpopulations of one donor. Summary (%) of CD4<sup>+</sup> (**C**) and CD8<sup>+</sup> T cells (**D**) that express GM-CSF and IFN- $\gamma$  among total CD45RA<sup>+</sup>RO<sup>-</sup> and CD45RA<sup>-</sup>RO<sup>+</sup> T cells. Mean  $\pm$  SEM, \*\*\* p < 0.001, NS: not significant (Unpaired, two-tailed Student t-test).