Immunomodulation of Selective Naive T Cell Functions by p110δ Inactivation Improves the Outcome of Mismatched Cell Transplantation

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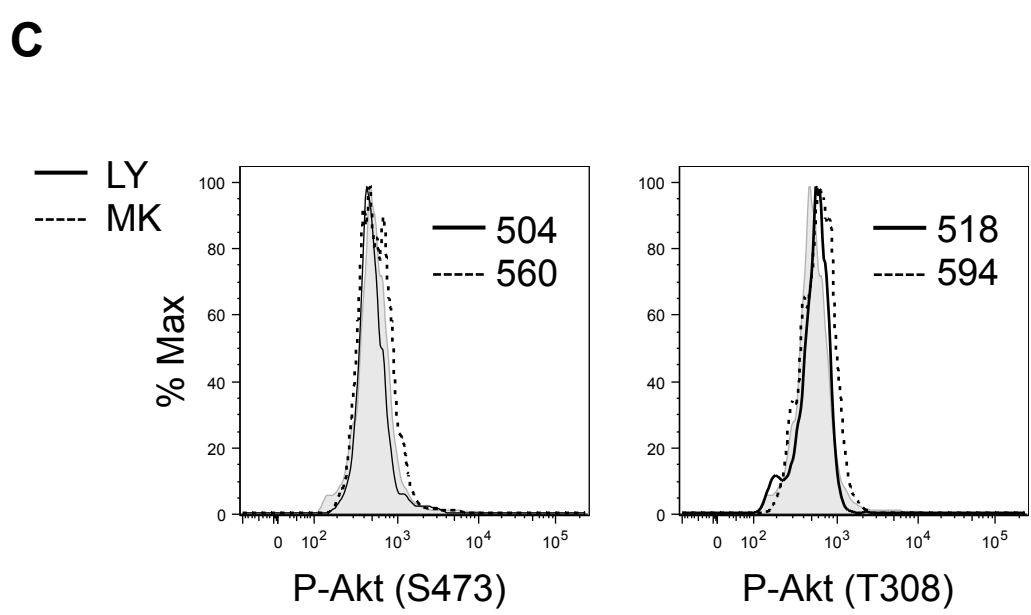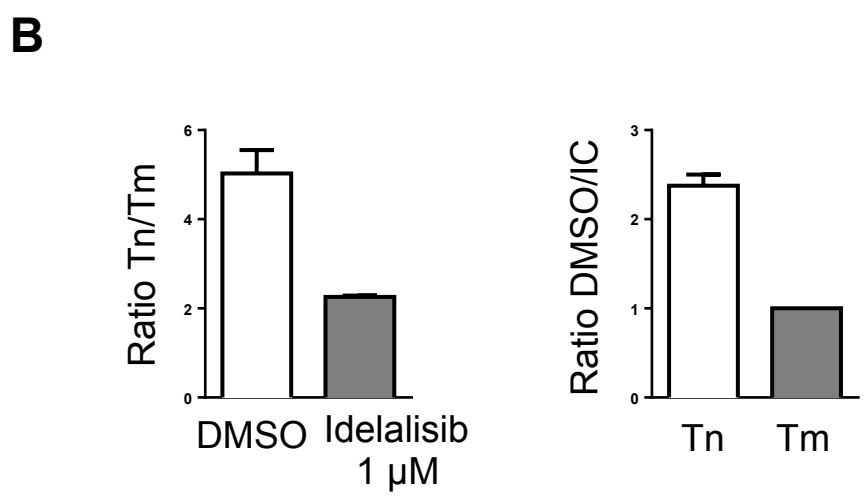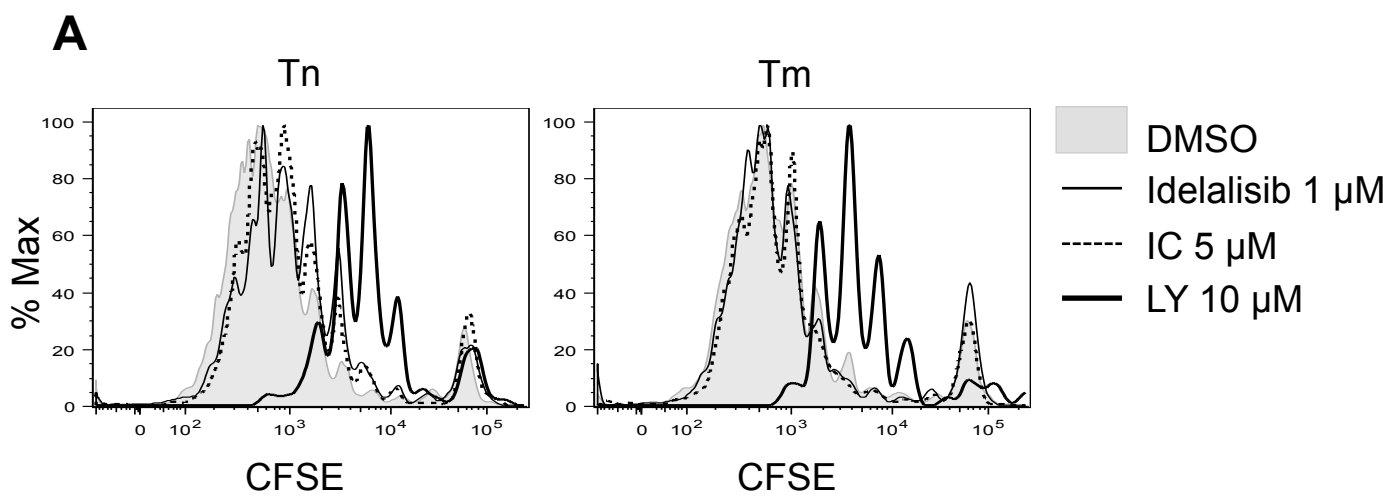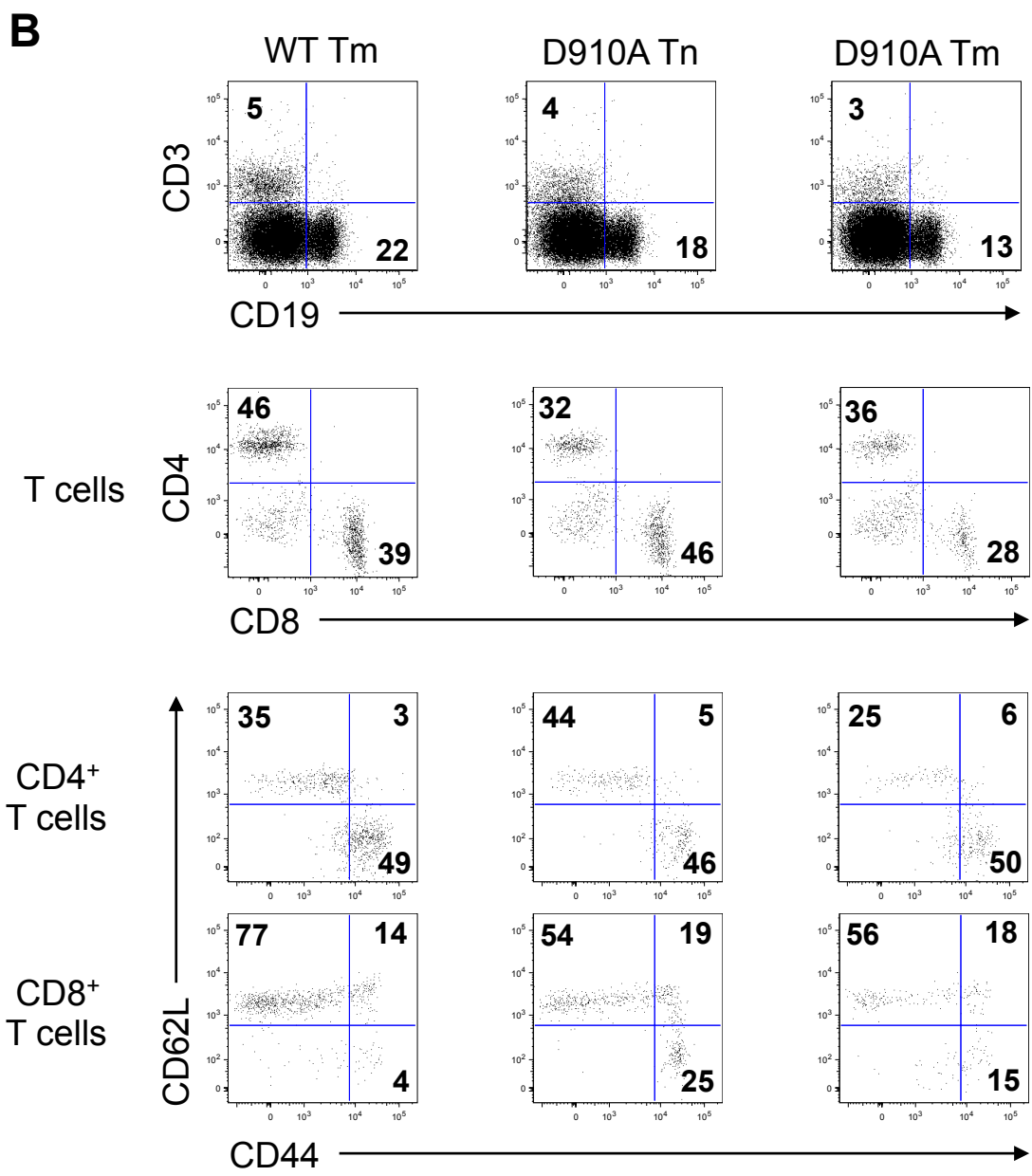
Figure S1 – Related to Figure 3

A

B

C

Figure S2 – Related to Figure 4

A

	WT Tm	D910A Tn	D910A Tm

Bone Marrow

Spleen

Events

H-2K^b

B

	WT Tm	D910A Tn	D910A Tm

CD3 / CD19

WT Tm: 5, 22
D910A Tn: 4, 18
D910A Tm: 3, 13

T cells — CD4 / CD8

WT Tm: 46, 39
D910A Tn: 32, 46
D910A Tm: 36, 28

CD4$^+$ T cells — CD62L / CD44

WT Tm: 35, 3, 49
D910A Tn: 44, 5, 46
D910A Tm: 25, 6, 50

CD8$^+$ T cells — CD62L / CD44

WT Tm: 77, 14, 4
D910A Tn: 54, 19, 25
D910A Tm: 56, 18, 15

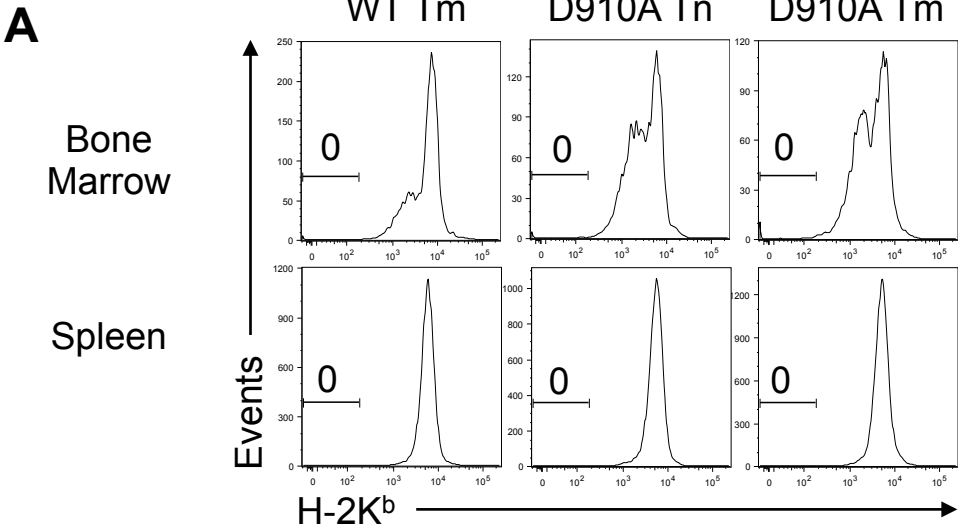**SUPPLEMENTAL LEGENDS**

Figure S1 – Related to Figure 3. (A) Same experiment as in **Fig 3A** including treatments with DMSO (vehicle), Idelalisib (1 µM), IC87114 (5 µM) and LY294002 (10 µM). Results are representative of two independent experiments. **(B)** Alloreactive T cells were generated as in **Fig 3C** in the presence of DMSO or Idelalisib (1 µM). Results are presented as in **Fig 3C** and are representative of two independent experiments. **(C)** Alloreactive Tn generated in culture in the presence of DMSO were pre-treated with LY294002 (10 µM) or MK-2206 (5 µM) for 30 min then stained for P-Akt (Ser473) or P-Akt (Thr308). Results are representative of two independent experiments.

Figure S2 – Related to Figure 4. (A-B) Surviving mice from WT Tm group, D910A Tn group and D910A Tm group (depicted in Fig. 4) were analyzed by flow cytometry at day 91. **(A)** Histograms show representative examples of the absence of A20 cells (H-2K^{b-} CD19$^+$) in the BM and the spleen. **(B)** Dot plots show representative examples of leukocyte composition in the BM: T and B cells (upper panel), CD4$^+$/CD8$^+$ T cells (middle panel) and their differentiation phenotype (bottom panel).