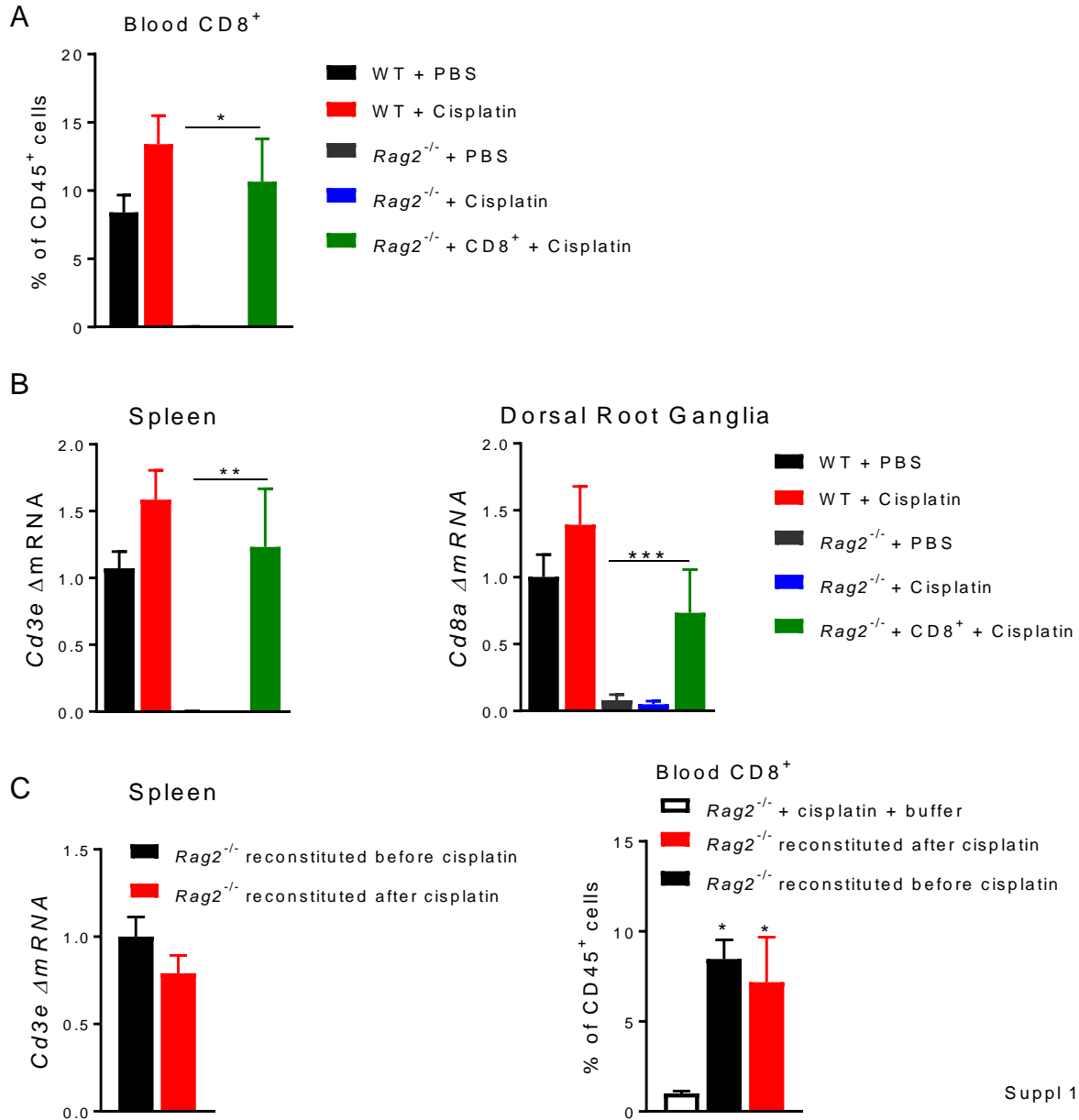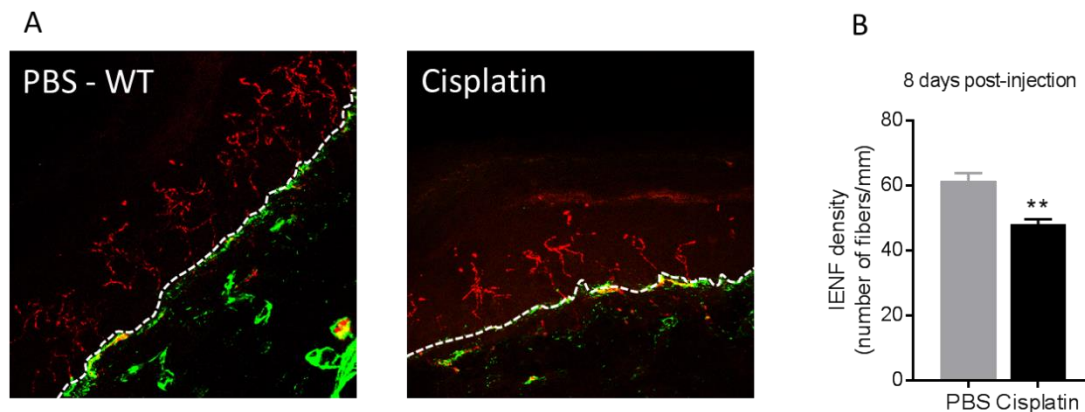# Supplemental Digital Content

A

B

C

Suppl 1

Supplemental Digital Content 1. Reconstitution of *Rag2*^-/- mice with T cells.(A) Flow cytometry analysis

of circulating CD8$^+$ T cells as percentage of CD45$^+$ cells in WT mice, *Rag2*^-/- mice, and *Rag2*^-/- mice

reconstituted with CD8$^+$ T cells. One-way ANOVA followed by Bonferroni's multiple comparisons test,

$F(4,16)=9.39$, $P<0.001$ (n=4-5 mice/group). **(B)** mRNA levels of *Cd3e* and *Cd8a* in the spleen and dorsal

root ganglia of male and femaleWT mice, $Rag2^{-/-}$ mice, and $Rag2^{-/-}$ mice reconstituted with CD8^{+} T cellsOne-way ANOVA followed by Bonferroni's multiple-comparisons test: spleen, $F_{(4,18)}=8.4$, $P<0.001$; DRG, $F_{(4,45)}=7.86$, $P<0.0001$ (n=5-10 mice/group). **(C)** mRNA levels of *Cd3e* in the spleen and flow cytometry analysis of circulating CD8^{+} T cells as percentage of CD45^{+} cells of $Rag2^{-/-}$ mice reconstituted with CD8^{+} T cells before or after cisplatin treatment. Blood CD8^{+} T cells: one-way ANOVA followed by Bonferroni's multiple comparisons test, $F_{(2,18)}=6.47$, p=0.008 (n=7 mice/group). Data are shown as mean ± SEM. ***$P<0.001$, **$P<0.01$, *$P<0.05$.

Supplemental Digital Content 2. Intraepidermal nerve fiber (IENF) density 8 days after cisplatin administration in WT mice. **(A)** Representative images of IENFs (PGP9.5, red and collagen, green) in the glabrous skin of the plantar surface of the hind paws of WT mice 8 days after cisplatin or PBS. Dashed lines indicate the basement membrane. **(B)** Quantification of IENF density, expressed as the number of nerve fibers crossing the basement membrane/length of the basement membrane (mm). Unpaired t-test (t=4.57; df = 10) (n=6 mice/group). Data are shown as mean ± SEM. ***$P<0.001$, **$P<0.01$, *$P<0.05$.