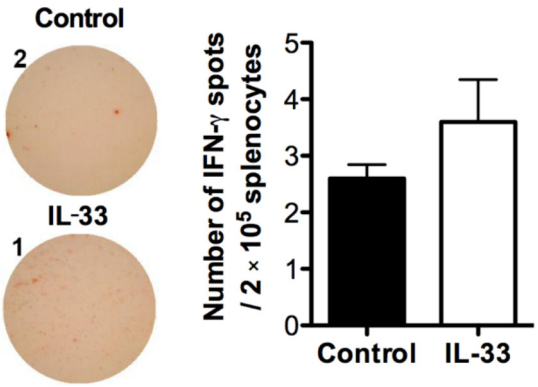
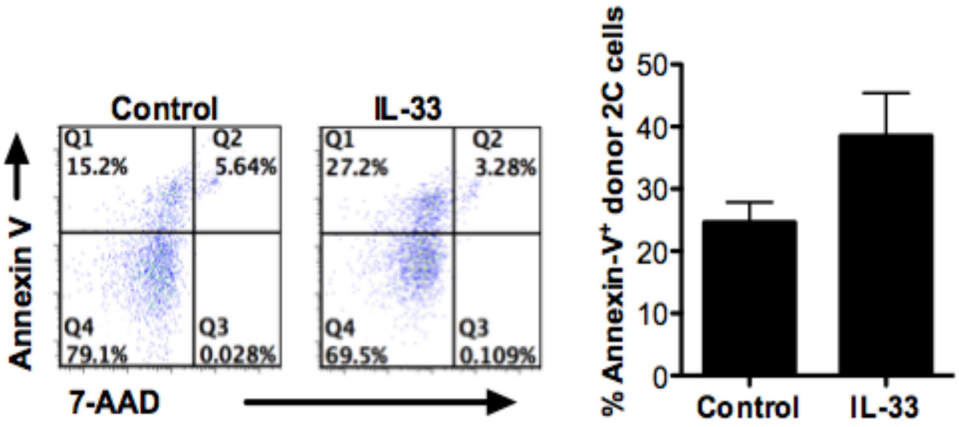
# Exogenous IL-33 overcomes T cell tolerance in murine acute myeloid leukemia

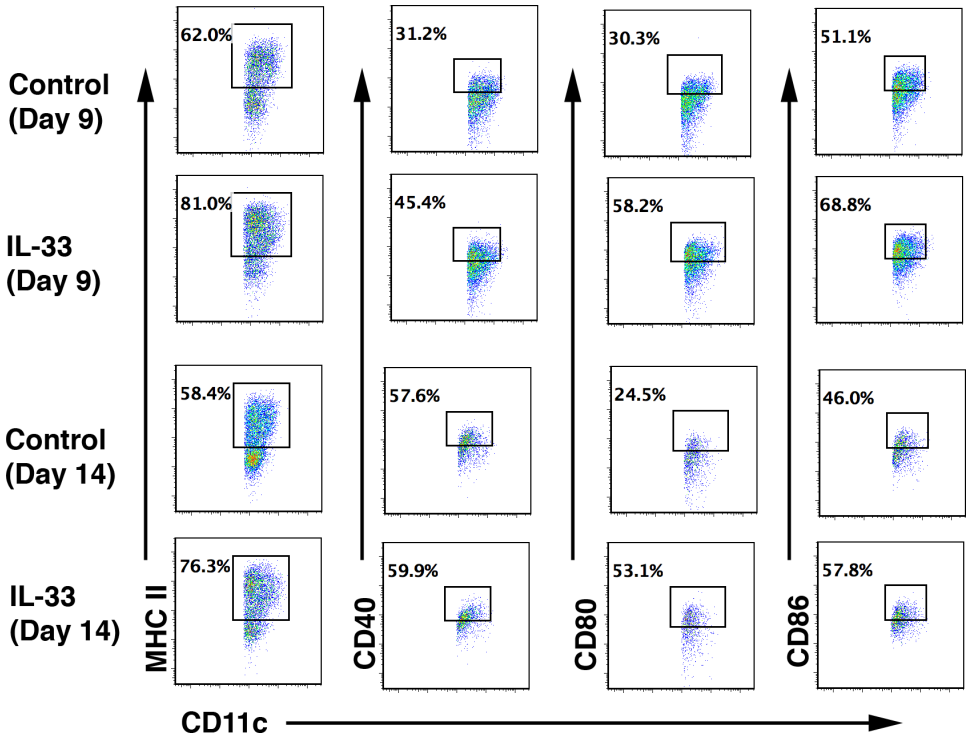
## Supplementary Materials



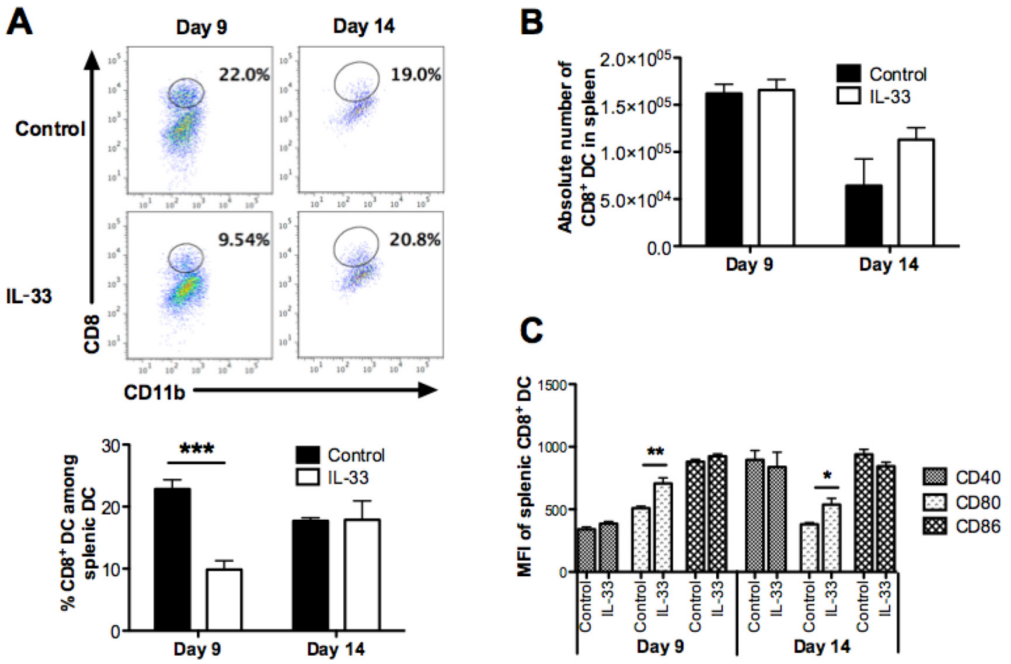

**Supplementary Figure S1: IFN-γ production was barely detected without SIY peptide stimulation.** Splenocytes from leukemia-bearing mouse were cultured without SIY peptide for 48 hours. Number of IFN-γ producing cells was determined by IFN-γ ELISPOT assay.




**Supplementary Figure S2: The apoptotic status of adoptively transferred 2C T cells following IL-33 treatment.** The apoptosis of transferred 2C T cells ($1B2^+CD8^+$) in spleen from C1498. SIY-bearing mice treated with IL-33 or control PBS was determined by Annexin V and 7-AAD staining. The *left* panel showed the representative flow dot plots, and the *right* panel indicated the summary of the frequency of apoptotic (Annexin $V^+$) 2C T cells.




**Supplementary Figure S3: Representative flow dot plots of MHC II, CD40, CD80 and CD86 positive splenic DCs in C1498.** SIY bearing mice on day 9 and 14.




**Supplementary Figure S4: The effect of exogenous IL-33 treatment on splenic CD8$^+$ DCs in C1498.SIY-bearing mice.** (**A**) Representative flow dot plots showed the frequency of CD8$^+$ cells among splenic CD3-CD11b$^{low}$ CD11c$^+$ DCs (*upper*) that was summarized in the bar graph (*lower*, $n = 5$). (**B**) Absolute numbers of splenic CD8$^+$ DCs in spleens were calculated. (**C**) The MFI of CD40, CD80 and CD86 expression on CD8$^+$ DCs was determined by flow cytometry. *$p < 0.05$. **$p < 0.01$. ***$p < 0.001$.