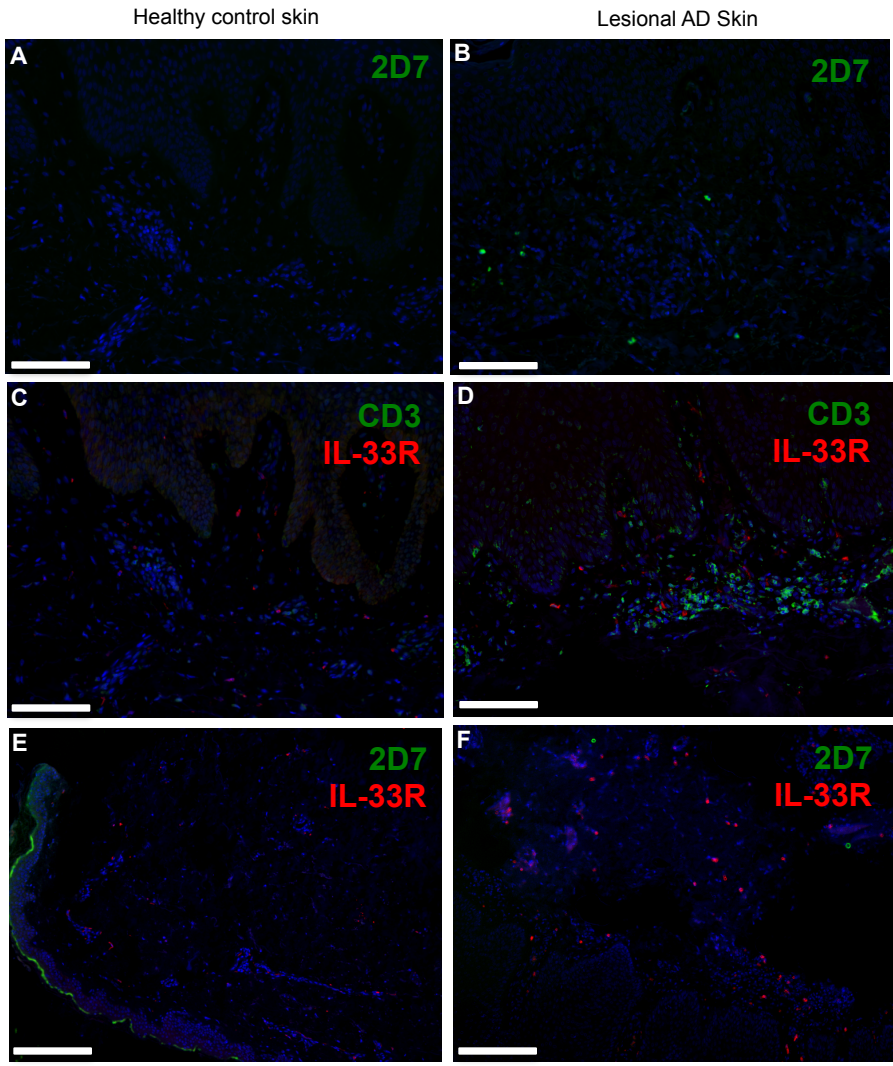
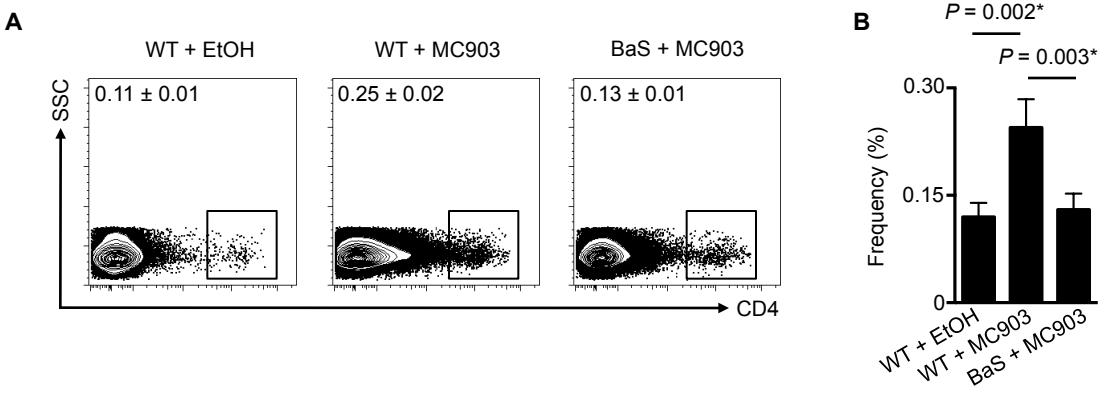


Supplemental Figure 1



Supplemental Figure 1. Basophils accumulate in close proximity to ILC2s in human AD skin lesions. **(A)** Immunofluorescence (IF) staining of 2D7⁺ (green) cells in healthy control and **(B)** lesional AD skin, IL-33R⁺ (red) and CD3⁺ (green) cells in **(C)** healthy skin and **(D)** lesional AD skin, and 2D7⁺ (green) and IL-33R⁺ (red) in **(E)** healthy control and **(F)** lesional AD skin. DAPI⁺ cells are blue. Scale bars, 50 μm. Healthy control skin *n* = 10; lesional AD skin *n* = 14.

Supplemental Figure 2



Supplemental Figure 2. CD4⁺ T cell responses are dependent on basophils. **(A)** Skin CD4⁺ T cells and associated **(B)** frequencies in wild-type (WT) mice treated with control vehicle (ethanol, EtOH) or MC903 and BaS-TRECK (BaS) mice treated with MC903. Cell frequencies are given as a percentage of total live cells. Data are representative of two independent experiments; $n = 3$ mice per group per experiment. Actual P -values shown.