



Fig. S6. CD4⁺ T cell-derived IL-3 contributes to the accumulation of basophils and neutrophils at the 2nd tick-feeding sites

(A) *Rag2*^{-/-} mice were treated with rIL-3 or control PBS and infested once with ticks as shown in Fig. 3D. The numbers of basophils, mast cells, neutrophils and eosinophils (mean ± SEM, n=4 each) at the 1st tick-feeding site of each side of flank were examined on day 2 of infestation. (B) CD4⁺ T cells from WT or *Il3*^{-/-} mice were adoptively transferred into *Rag2*^{-/-} mice, and recipient mice were infested twice with ticks as shown in Fig. 4A. The number of basophils, mast cells, neutrophils and eosinophils at the 2nd tick-feeding site was examined on day 2 of infestation (mean ± SEM, n=4 each). Data shown are representative of 2 independent experiments. N.S., not significant; **P*<0.05; ***P*<0.01.