



Fig. S4. Adoptive transfer of CD4⁺ T cells isolated from previously tick-infested mice confers basophil accumulation at the tick-feeding site even in the 1st infestation on *Rag2*^{-/-} mice

CD4⁺ T cells were isolated from uninfested mice or mice infested once with ticks 14 days before, and adoptively transferred to *Rag2*^{-/-} mice. Recipient mice were infested once with ticks 7 days later, and the number of basophils (mean ± SEM, n=4 each) at the tick-feeding site was examined on day 2 of infestation. As a control, *Rag2*^{-/-} mice without T cell transfer were similarly infested and analyzed.

Data shown are representative of 2 independent experiments. **P*<0.05.