

Supplementary information

Immune sensing of food allergens promotes avoidance behaviour

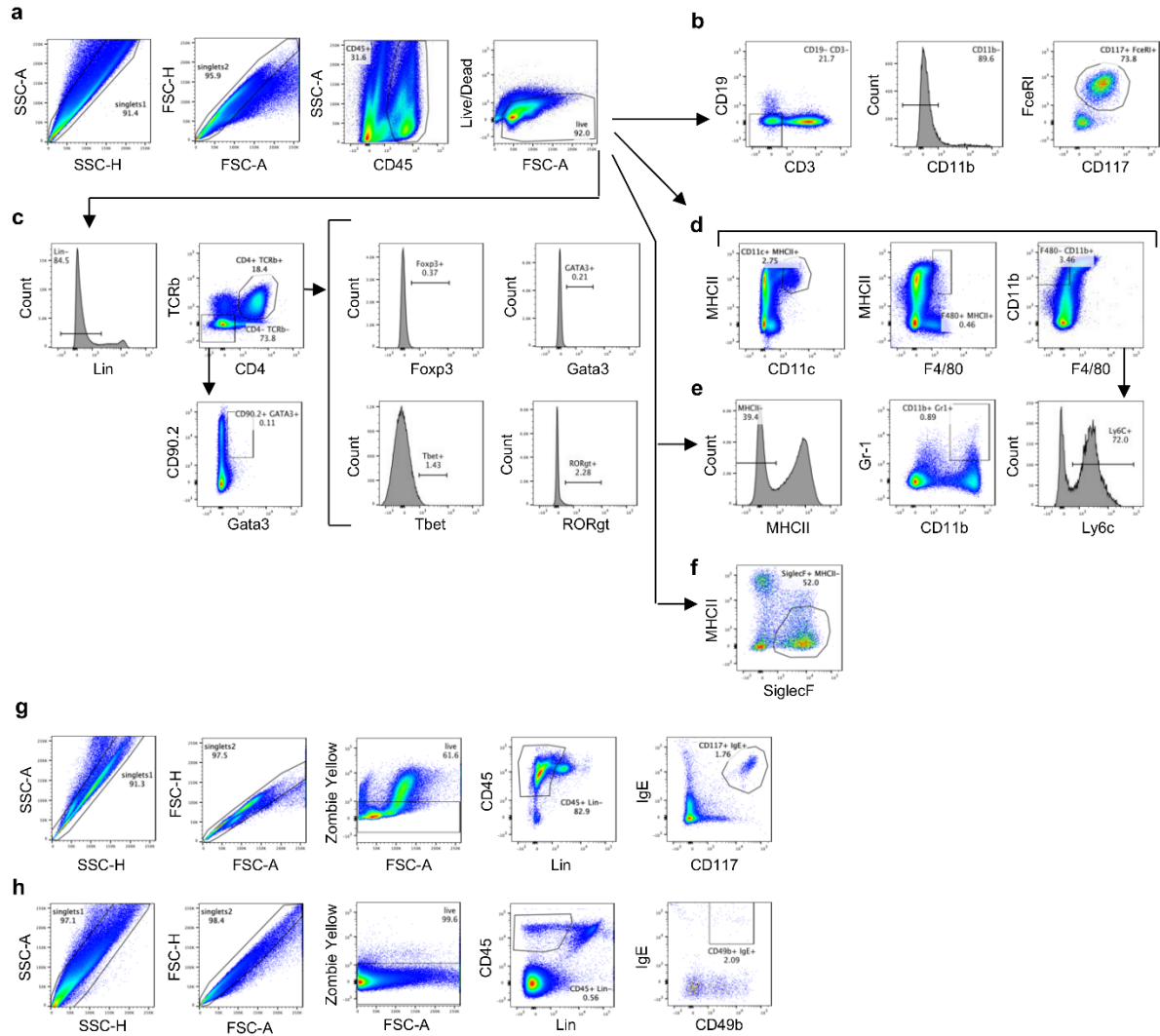
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Supplementary Information Figure Guide

SI Figure 1. Gating strategy for immune cell populations.

Supplementary Information Figure Legend

Supplementary Fig. 1 | Gating strategies for flow cytometric analysis. **a**, Gating strategy to identify live CD45⁺ singlet enteric cells presented in Extended Data Fig. 2b, 2c, 4k, and 6f. **b**, Gating strategy to identify enteric mast cells (CD19⁻ CD3⁻ CD11b⁻ CD117⁺ FcεRI⁺) presented in Extended Data Fig. 2b, 2c, 4k, and 6f. **c**, Gating strategy to identify enteric T cell subsets (Lineage⁻ CD4⁺ TCRβ⁺, Foxp3⁺ or Gata3⁺ or Tbet⁺ or RORγt⁺) or ILC2s (Lineage⁻ CD4⁻ TCRβ⁻ CD90.2⁺ Gata3⁺) presented in Extended Data Fig. 2b and 2c. **d**, Gating strategy to identify enteric dendritic cells (CD11c⁺ MHCII⁺), macrophages (F4/80⁺ MHCII⁺), or monocytes (F4/80⁻ CD11b⁺ Ly6c⁺) presented in Extended Data Fig. 2b and 2c. **e**, Gating strategy to identify enteric neutrophils (MHCII⁻ CD11b⁺ Gr-1⁺) presented in Extended Data Fig. 2b and 2c. **f**, Gating strategy to identify enteric eosinophils (SiglecF⁺ MHCII⁻) presented in Extended Data Fig. 2b, 2c, and 6g. **g**, Gating strategy to identify peritoneal mast cells (live CD45⁺ Lineage⁻ CD117⁺ IgE⁺ singlets) as presented in Extended Data Fig. 4k. **h**, Gating strategy to identify blood basophils (live CD45⁺ Lineage⁻ CD49b⁺ IgE⁺ singlets) presented in Extended Data Fig. 4k. Each panel is representative of at least two independent experiments.



Supplementary Figure 1