



**Supplementary Figure S5. IL-33-induced pain and cell infiltration were resolved in a time-dependent manner.**

(A-B) Thermal hypersensitivity on day 1 (A) and day 5 (B) after IL-33 injection (n = 3-6 mice).

(C) Infiltration of macrophages and neutrophils in the hindpaw skin at day 1 after IL-33 injection (n = 3 mice, scale bar:50µm).

(D-E) Quantification of macrophage-positive (D) and neutrophil-positive (E) numbers in the hindpaw at day 1 after IL-33 injection (n = 3 mice).

(F) Infiltration of macrophages and neutrophils in the hindpaw skin at day 5 after IL-33 injection (n = 3 mice, scale bar:50µm).

(G-H) Quantification of macrophage-positive (G) and neutrophil-positive (H) numbers in the hindpaw at day 5 after IL-33 injection (n = 3 mice).

Data are presented as mean ± SEM. \*\* $p < 0.01$ , unpaired  $t$ -test for (A-B, D-E, G-H). The skin layers are stratum corneum (SC), epidermis (Epi) and Dermis.