



Supplementary Figure S6. Gene expression of ion channels in the hindpaw in IL-33 and CFA models.

(A-B) mRNA levels of *Nav1.7* and *Nav1.9* in the hindpaw at 4 h after IL-33 injection (n=5-6 mice).

(C-D) mRNA levels of *TRPA1* (C) and *TRPM3* (D) in the hindpaw at 4 h after IL-33 injection (n=6 mice).

(E-F) mRNA levels of *CGRP α* (E) and *SP* (F) in the hindpaw at 4 h after IL-33 injection (n=6 mice).

(G-H) Gene expression of *TRPV1* and *TRPM8* in the hindpaw skin in INCB3344-treated mice at 4 h after IL-33 injection (n = 5-7 mice).

(I-K) mRNA levels of *TRPV1* (I), *TRPM8* (J) and *TRPV4* (K) in the hindpaw at day 3 in the CFA model (n=5-6 mice).

Data are presented as mean \pm SEM. # $p < 0.05$. # represents WT vs IL-33^{-/-} in the CFA model in K. unpaired *t*-test for (A-F), One-way ANOVA with Bonferroni's post hoc test for (G-K).