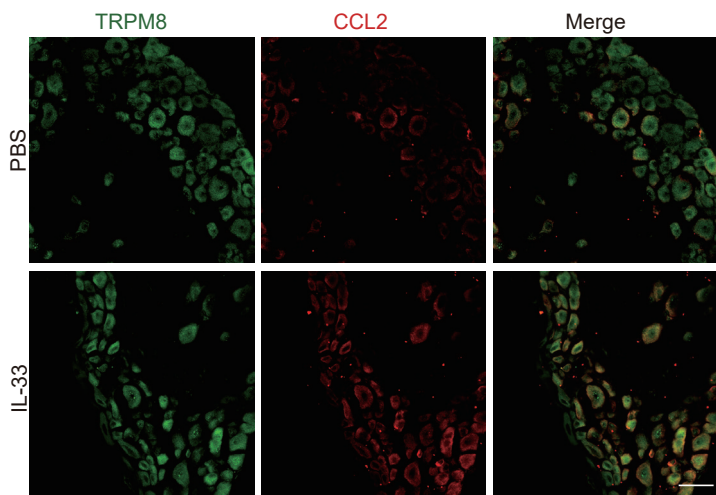


**K**



**Supplementary Figure S7. Gene expression of ion channels in DRGs in IL-33 model.**

(A-C) mRNA levels of *Nav1.7*(A), *Nav1.8*(B) and *Nav1.9*(C) in DRGs at 4 h after IL-33 injection (n=6 mice).

(D-H) mRNA levels of *TRPA1* (D), *TRPV1* (E), *TRPM3* (F), *TRPV4*(G) and *TRPM8*(H) in DRGs at 4 h after IL-33 injection (n=6 mice).

(I-J) mRNA levels of *CGRP* $\alpha$  (I) and *SP* (J) in DRGs at 4 h after IL-33 injection (n=6 mice).

(K) TRPM8-positive neurons in DRGs (n = 4 mice, scale bar: 100  $\mu$ m).

(L) Quantification of (K) (n = 4 mice).

Data are presented as mean  $\pm$  SEM. One-way ANOVA with Bonferroni's post hoc test for (A-J) and unpaired *t*-test for(L).