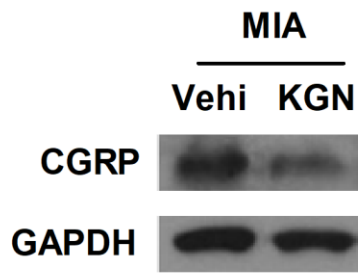
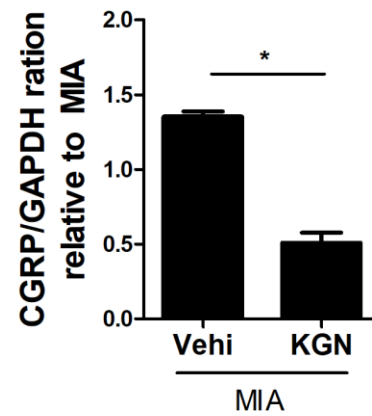


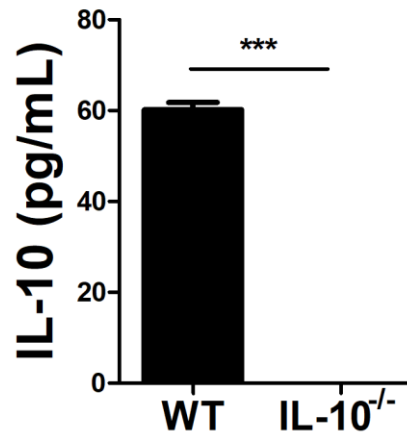
Supplemental Information

Kartogenin inhibits pain behavior, chondrocyte inflammation, and attenuates osteoarthritis progression in mice through induction of IL-10

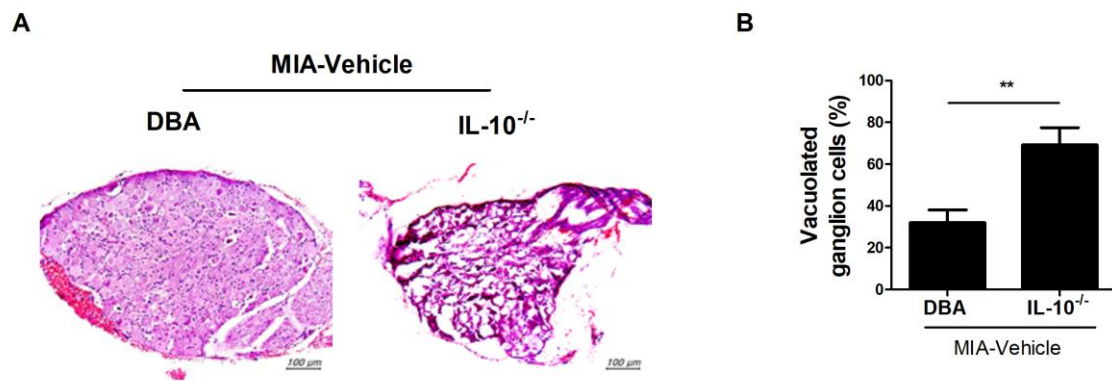
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eun Hyung Cho¹, Chang-Yong Lee³, Seok Jung Kim⁴, Sung-Hwan Park¹, Dong-Yun Shin
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A**B**

Supplementary Figure 1: The expression of CGRP decreased in dorsal root ganglion of KGN-treated rats compared to MIA-treated rats. CGRP expression in dorsal root ganglion of rats was evaluated by Western blot. This result acquired of same blots. The level of CGRP is expressed as a relative ratio and GAPDH was used to normalize the data. (* $P < 0.05$, ** $P < 0.001$, *** $P < 0.005$)



Supplementary Figure 2: IL-10 production in mice splenocytes from WT (DBA/1J) and IL-10-knock out to confirm IL-10 KO efficiency. The expression of IL-10 was analyzed by ELISA using splenocytes from WT and IL-10 KO cultured for 24 hours under LPS 100 ng/mL treatment. (* $P < 0.05$, ** $P < 0.001$, *** $P < 0.005$)



Supplementary Figure 3: Vacuolated ganglion cells were increased in IL-10 knockout mice.

Quantification of vacuolated ganglion cells in percent is presented in the graph. Scale bar, 200 μ m. (* P < 0.05, ** P < 0.001, *** P < 0.005)