**Supplementary methods**

**Von Frey Test:**

Mechanical allodynia was assessed using Von Frey hair testing. Animals are placed on a mesh grid and hind paws are touched with a Von Frey hair (4.08 or 4.31 filament). Results were reported the number withdrawal for left (contralateral) and right (ipsilateral) hindpaw.

**Hargreaves Test:**

Thermal hyperalgesia was tested using the Hargreaves test. Briefly, animals were placed on a warmed glass plate and tested with a beam of 38˚C heat. The time for the hindpaw to withdraw was a measure of the sensitivity of the paw to heat. Results were reported as latency of withdrawal (seconds) for left (contralateral) and right (ipsilateral) hindpaw.

**Statistical analysis for Von Frey and Hargreaves Test:**

Statistics were performed using GraphPad Prism (version 6.0), where comparison between groups over time was analyzed for statistical significance with the repeated measures ANOVA.