



Fig. S13. Hv1 expression levels in *Hvcn1* knockdown mice. a, b Typical RNAscope images and quantifications showing *Hvcn1* expression in AAV-Hv1 KD mouse DRG neurons in comparison to AAV-Control mouse DRG neurons ($n = 20-26$ sections from 9 mice, two sample t test). **c, d** Typical IHC images and quantifications showing Hv1 expression in AAV-Hv1 KD mouse DRG neurons in comparison to AAV-Control mouse DRG neurons ($n = 31-33$ sections from 9-10 mice, Mann-Whitney tests). **e** IHC images showing the co-localization of Hv1 with Iba1 in DRG in AAV-Hv1 KD mice and AAV-Control mice. Data in **(b and d)** are shown as mean \pm SEM. $**P < 0.01$, $***P < 0.001$.