



Supplemental figure S1: Analysis of the different sympathectomy models. (A) The experimental setting for the genetic (gSTX) model. TH immunofluorescence of ileal muscularis externa whole-mounts from TH-Cre;TrkAf/f mutant mice showed no difference in TH expression as compared to the control TrkAf/f mice. Scale bars, 100µm. (B) Representative histological sections of cSTX-treated ileum (bottom left), terminal colon (bottom middle), and stomach (bottom right) showing profound loss of TH⁺ sympathetic neurons as compared to vehicle-treated ileum (top left), terminal colon (top middle), and stomach (top right). Scale bars, 100µm. (C) Representative western blot image showing a reduction in TH protein bands in cSTX-treated mice compared to vehicle-treated mice.

Supplementary table S1: Primer sequences used for qPCR analysis.

Arg1	TTGGGTGGATGCTCACACTG TTGCCCATGCAGATTCCC	Adr1a	TTGAAATTCGGGAAGAAGGA GAGAAGAAAGCCGCCAAGAC
CD163	GTGCTGGATCTCCTGGTTGT CGTTAGTGACAGCAGAGGCA	Adr1b	AGGCAGCTGTTGAAGTAGCC TCTTCATCGCTCTCCCACTT
YM1	TCTCTACTCCTCAGAACCGTAAGA GATGTTTGTCTTAGGAGGGCTTC	Adr1d	ATTGAAGTAGCCCAGCCAGA GCTGGTTCCCTTTTTCTTC
IL6	AAGTCGGAGGCTTAATTACACATGT CCATTGCACAACTCTTTTCTCATT	Adr2a	TCTGGTCGTTGATCTTGCAG CATCTCGGCTGTCATCTCCT
IL1b	TTGACGGACCCCAAAAGATG CAGGACAGCCCAGGTCAAAG	Adr2b	CAAAGCCTTTCATCTCCCTG CTGGCCTCGACCTACTAAG
TNFa	CTGAAC TTCGGGGTGATCGG GGCTTG TCACTCGAATTTTGAGA	Gapdh	GGGAAGCCCATCACCATCTT GCCTCACCCCATTTGATGTT
Fizz1/ Retnla	SYBR green assay (QT00254359)	AdrB1	AAGTCCAGAGCTCGCAGAAG GCTGATCTGGTCATGGGATT
iNOS	AGGCCACATCGGATTTCACTTGCAA (Taqman assay)	AdrB2	TAGCGATCCACTGCAATCAC ATTTTGGCAACTTCTGGTGC
CSF1R	CTCTGCTGGTGCTACTGCTG TTGCCTTCGTATCTCTCGATG	AdrB3	GGGGAAGGTAGAAGGAGACG ACAGGAATGCCACTCCAATC
BMP2	AGACCACCGGCTGGAGAG TTTTCCCACTCATCTCTGGAA	IL10	GATGCCCCAGGCAGAGAA CAGGAGGGAATTCAAATGC
TH	AATGGGTTCACAGGTTC AGCAGGATACCAAGCAGGC		