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Supplementary Videos: 2

Reporting Checklist for Nature Neuroscience

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Please note that in the event of publication, it is mandatory that authors include all relevant methodological and statistical information in the manuscript.

Statistics reporting, by figure

- Please specify the following information for each panel reporting quantitative data, and where each item is reported (section, e.g. Results, & paragraph number).
- Each figure legend should ideally contain an exact sample size (n) for each experimental group/condition, where n is an exact number and not a range, a clear definition of how n is defined (for example x cells from x slices from x animals from x litters, collected over x days), a description of the statistical test used, the results of the tests, any descriptive statistics and clearly defined error bars if applicable.
- For any experiments using custom statistics, please indicate the test used and stats obtained for each experiment.
- Each figure legend should include a statement of how many times the experiment shown was replicated in the lab; the details of sample collection should be sufficiently clear so that the replicability of the experiment is obvious to the reader.
- For experiments reported in the text but not in the figures, please use the paragraph number instead of the figure number.

Note: Mean and standard deviation are not appropriate on small samples, and plotting independent data points is usually more informative. When technical replicates are reported, error and significance measures reflect the experimental variability and not the variability of the biological process; it is misleading not to state this clearly.

		TEST USED		n			DESCRIPTIVE STATS (AVERAGE, VARIANCE)		P VALUE		DEGREES OF FREEDOM & F/t/z/R/ETC VALUE	
	FIGURE NUMBER	WHICH TEST?	SECTION & PARAGRAPH #	EXACT VALUE	DEFINED?	SECTION & PARAGRAPH #	REPORTED?	SECTION & PARAGRAPH #	EXACT VALUE	SECTION & PARAGRAPH #	VALUE	SECTION & PARAGRAPH #
example	1a	one-way ANOVA	Fig. legend	9, 9, 10, 15	mice from at least 3 litters/group	Methods para 8	error bars are mean +/- SEM	Fig. legend	p = 0.044	Fig. legend	F(3, 36) = 2.97	Fig. legend
example	results, para 6	unpaired t-test	Results para 6	15	slices from 10 mice	Results para 6	error bars are mean +/- SEM	Results para 6	p = 0.0006	Results para 6	t(28) = 2.808	Results para 6

		TEST USED		n			DESCRIPTIVE STATS (AVERAGE, VARIANCE)		P VALUE		DEGREES OF FREEDOM & F/t/z/R/ETC VALUE	
	FIGURE NUMBER	WHICH TEST?	SECTION & PARAGRAPH #	EXACT VALUE	DEFINED?	SECTION & PARAGRAPH #	REPORTED?	SECTION & PARAGRAPH #	EXACT VALUE	SECTION & PARAGRAPH #	VALUE	SECTION & PARAGRAPH #
+ -	1a Type -A	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-) <0.0001	Fig. legend	t(8)=12.78	Methods "Statistic"
+ -	1a Type -A EAE	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-) <0.0001	Fig. legend	t(8)=10.57	Methods "Statistic"
+ -	1a Type -B EAE	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-)=0.7236	Fig. legend	t(8)=0.3634,	Methods "Statistic"
+ -	1a Type -B EAE	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-)=0.6869	Fig. legend	t (8)=0.4181.	Methods "Statistic"
+ -	1b brain	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-)=0.4507	Fig. legend	t(6)=0.8065	Methods "Statistic"
+ -	1b brain	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-)=0.4256	Fig. legend	t(6)=0.85456	Methods "Statistic"
+ -	1b Spinal cord	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-)=0.2260	Fig. legend	t(6)=1.349	Methods "Statistic"
+ -	1b Spinal cord	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-) =0.6887	Fig. legend	t(6)=0.4206	Methods "Statistic"
+ -	1b brain	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-) =0.6880	Fig. legend	t(6)=0.4216	Methods "Statistic"
+ -	1b brain	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-) =0.6953	Fig. legend	t(6)=0.4111	Methods "Statistic"
+ -	1b Spinal cord	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-) =0.4683	Fig. legend	t(6)=0.77416	Methods "Statistic"
+ -	1b Spinal cord	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-) =0.6429	Fig. legend	t(6)=0.4879	Methods "Statistic"
+ -	1d Type -A	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A) =0.0002	Fig. legend	t(5)=6.668	Methods "Statistic"
+ -	1d Type -B	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-B) =0.6514	Fig. legend	t(6)=0.4753	Methods "Statistic"

+ -	1e IL-1b	unpaired t-test	Fig. legend	8,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naïve vs Type-A) =0.0327	Fig. legend	t(13)=2.389	Methods "Statistic"
+ -	1e IL-1b	unpaired t-test	Fig. legend	8,8	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naïve vs Type-B) =0.1697	Fig. legend	t(14)=1.448	Methods "Statistic"
+ -	1e IL-1b	unpaired t-test	Fig. legend	7,8	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0284	Fig. legend	t(13)=2.4912	Methods "Statistic"
+ -	1e IFNb	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naïve vs Type-A) =0.7024	Fig. legend	t(12)=0.3914	Methods "Statistic"
+ -	1e IFNb	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naïve vs Type-B) =0.0339	Fig. legend	t(12)=2.393	Methods "Statistic"
+ -	1e IFNb	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0409	Fig. legend	t(12)=2.29	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Total) =0.0166	Fig. legend	t(12)=2.78	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD4)<0.0074	Fig. legend	t(12)=3.216	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th17)=0.049	Fig. legend	t(12)=3.436	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th1)=0.0193	Fig. legend	t(12)=2.701	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD8)=0.098	Fig. legend	t(12)=3.067	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(B)=0.0062	Fig. legend	t(12)=3.311	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(DC)=0.0049	Fig. legend	t(12)=3.436	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(PMN)=0.0051	Fig. legend	t(12)=3.413	Methods "Statistic"
+ -	1h	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Mac)=0.0112	Fig. legend	t(12)=2.992	Methods "Statistic"
+ -	2a	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.2646	Fig. legend	t(4)=1.296	Methods "Statistic"

+ -	2a	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0042	Fig. legend	t(4)=5.88	Methods "Statistic"
+ -	2a	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0027	Fig. legend	t(4)=6.61	Methods "Statistic"
+ -	2b	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0253	Fig. legend	t(6)=2.96	Methods "Statistic"
+ -	2b	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0109	Fig. legend	t(6)=3.637	Methods "Statistic"
+ -	2b	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0277	Fig. legend	t(6)=2.891	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Total)=0.0082	Fig. legend	t(11)=3.22	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD4)=0.0024	Fig. legend	t(11)=3.909	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th17)=0.0131	Fig. legend	t(11)=2.953	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th1)=0.0109	Fig. legend	t(11)=3.058	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD8) =0.0480	Fig. legend	t(11)=2.225	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(B)=0.1762	Fig. legend	t(11)=1.445	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(DC)=0.1020	Fig. legend	t(11)=1.784	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(PMN)=0.3260	Fig. legend	t(11)=1.027	Methods "Statistic"
+ -	2g	unpaired t-test	Fig. legend	6,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Mac)=0.1737	Fig. legend	t(11)=1.455	Methods "Statistic"
+ -	2h	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(rIFNγ)=0.8433	Fig. legend	t(4)=0.2108	Methods "Statistic"
+ -	2h	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(rIL-17)=0.0295	Fig. legend	t(4)=3.317	Methods "Statistic"

+ -	3d Cxcr2	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0231	Fig. legend	t(4)=3.583	Methods "Statistic"
+ -	3d Cxcr2	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) <0.0001	Fig. legend	t(4)=23.22	Methods "Statistic"
+ -	3d Cxcr2	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) <0.0001	Fig. legend	t(4)=22.75	Methods "Statistic"
+ -	3d Cxcr1	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.5999	Fig. legend	t(4)=0.5689	Methods "Statistic"
+ -	3d Cxcr1	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0015	Fig. legend	t(4)=7.806	Methods "Statistic"
+ -	3d Cxcr1	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0036	Fig. legend	t(4)=6.119	Methods "Statistic"
+ -	3d Ltbr	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	error bars error bars are mean +/- SEMare mean +/- SEM	Fig. legend	P(Naive vs Type-A) =0.0170	Fig. legend	t(4)=3.937	Methods "Statistic"
+ -	3d Ltbr	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0091	Fig. legend	t(4)=4.733	Methods "Statistic"
+ -	3d Ltbr	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0333	Fig. legend	t(4)=3.188	Methods "Statistic"
+ -	3e	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Cxcr2) <0.0001	Fig. legend	t(4)=19.36	Methods "Statistic"
+ -	3e	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Cxcr1) <0.0001	Fig. legend	t(4)=16.09	Methods "Statistic"
+ -	3e	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Ltbr)=0.011 6	Fig. legend	t(4)=4.413	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Total)=0.03 14	Fig. legend	t(6)=2.795	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD4)=0.837 6	Fig. legend	t(6)=0.2141	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD8)=0.279 8	Fig. legend	t(6)=1.188	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(B)=0.0078	Fig. legend	t(6)=3.921	Methods "Statistic"

+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(DC)=0.9606	Fig. legend	t(6)=0.05144	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Mac)=0.0469	Fig. legend	t(6)=2.495	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(PMN)= 0.1138	Fig. legend	t(6)=1.851	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th17)=0.5671	Fig. legend	t(6)=0.6053	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th1)=0.4813	Fig. legend	t(6)=0.7506	Methods "Statistic"
+ -	4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Treg)=0.9888	Fig. legend	t(6)=0.01458	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Total)=0.0307	Fig. legend	t(6)=2.813	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD4)=0.7759	Fig. legend	t(6)=0.2978	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD8)=0.0729	Fig. legend	t(6)=0.4435	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(B)=0.0046	Fig. legend	t(6)=4.403	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(DC)=0.2555	Fig. legend	t(6)=1.326	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Mac)=0.0540	Fig. legend	t(6)=2.703	Methods "Statistic"
+ -	4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(PMN)=0.0104	Fig. legend	t(6)=3.673	Methods "Statistic"
+ -	4b %	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.7071	Fig. legend	t(6)=0.3942	Methods "Statistic"
+ -	4b %	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0053	Fig. legend	t(6)=4.255	Methods "Statistic"
+ -	4b %	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0067	Fig. legend	t(6)=4.051	Methods "Statistic"

+ -	4b MFI	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0067	Fig. legend	t(4)=5.151	Methods "Statistic"
+ -	4b MFI	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0006	Fig. legend	t(4)=9.794	Methods "Statistic"
+ -	4b MFI	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0024	Fig. legend	t(4)=6.843	Methods "Statistic"
+ -	4c	Mann-Whitney U test	Fig. legend	18,18	patents sample	Methods "animal'	data points plotted	Fig. legend	P(CXCR2)=0.0435	Fig. legend	n.a.	n.a.
+ -	4c	Mann-Whitney U test	Fig. legend	18,18	patents sample	Methods "animal'	data points plotted	Fig. legend	P(CXCR1)=0.0224	Fig. legend	n.a.	n.a.
+ -	4c	Mann-Whitney U test	Fig. legend	18,18	patents sample	Methods "animal'	data points plotted	Fig. legend	P(LTBR) =0.0129	Fig. legend	n.a.	n.a.
+ -	5b	unpaired t-test	Fig. legend	5,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.8676	Fig. legend	t(6)=0.174	Methods "Statistic"
+ -	5b	unpaired t-test	Fig. legend	5,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0059	Fig. legend	t(8)=3.722	Methods "Statistic"
+ -	5b	unpaired t-test	Fig. legend	3,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0334	Fig. legend	t(6)=2.749	Methods "Statistic"
+ -	5d	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0174	Fig. legend	t(6)=3.252	Methods "Statistic"
+ -	5f	unpaired t-test	Fig. legend	5,7	mice from at least 2 litters/group	Methods "animal'	error bars are mean +/- SEM	Fig. legend	P=0.002,		t(10)=5.634	Methods "Statistic"
+ -	5g	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0192	FFig. legendig. legend	t(14)=2.646	Methods "Statistic"
+ -	5i	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0002	Fig. legend	t(6)=7.72	Methods "Statistic"
+ -	5i	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0026	Fig. legend	t(6)=4.931	Methods "Statistic"
+ -	5j IL-1b	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0152	Fig. legend	t(6)=3.361	Methods "Statistic"
+ -	5j IL-1b	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A +MHV68)=0.3925	Fig. legend	t(6)=0.9212	Methods "Statistic"
+ -	5j IL-1b	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-A +MHV68)=0.0259	Fig. legend	t(6)=2.942	Methods "Statistic"

+ -	5j CXCL 1	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.8498	Fig. legend	t(6)=0.1978	Methods "Statistic"
+ -	5j CXCL 1	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A +MHV68)=0.0 174	Fig. legend	t(6)=3.252	Methods "Statistic"
+ -	5j CXCL 1	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-A +MHV68) 0.0205	Fig. legend	t(6)=3.124	Methods "Statistic"
+ -	6d total moto r neur on	Bonferroni's Method	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0001	Fig. legend	F=20.61	Methods "Statistic"
+ -	6d alph a moro t neur on	Bonferroni's Method	BFig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0032	Fig. legend	F=11.65	Methods "Statistic"
+ -	7b	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.5044	Fig. legend	t(4)=0.7324	Methods "Statistic"
+ -	7b	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0005	Fig. legend	t(4)=10.11	Methods "Statistic"
+ -	7b	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0017	Fig. legend	t(4)=7.54	Methods "Statistic"
+ -	7c	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A)= 0.1966	Fig. legend	t(4)=1.548	Methods "Statistic"
+ -	7c	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0007	Fig. legend	t(4)=9.387	Methods "Statistic"
+ -	7c	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0008	Fig. legend	t(4)=9.22	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Sema3d)=0. 0599	Fig. legend	t(2)=3.899	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Sema3f)=0.8 657	Fig. legend	t(2)=0.1916	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Sema4a)=0. 4043	Fig. legend	t(2)=1.049	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Sema4d)=0. 0792	Fig. legend	t(2)=3.339	Methods "Statistic"

+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Sema6b)=0.0175	Fig. legend	t(5)=34.91	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Efna1)=0.0318	Fig. legend	t(2)=5.472	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Efna2)=0.4476	Fig. legend	t(2)=0.9373	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Efna5)=0.2419	Fig. legend	t(2)=1.644	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Efnb1)=0.0658	Fig. legend	t(2)=3.704	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Efnb2)=0.8169	Fig. legend	t(2)=0.2634	Methods "Statistic"
+ -	7d	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Efnb3)=0.6110	Fig. legend	t(2)=0.5059	Methods "Statistic"
+ -	7f length	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive T vs Type-B T +Control shRNA)=0.0096	Fig. legend	t(4)=4.657	Methods "Statistic"
+ -	7f length	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive T vs Type-B T +Sema6b shRNA)=0.3377	Fig. legend	t(4)=1.088	Methods "Statistic"
+ -	7f length	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-B T +Control shRNA vs Type-B T +Sema6b shRNA) 0.0169	Fig. legend	t(4)=3.944	Methods "Statistic"
+ -	7f number	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive T vs Type-B T +Control shRNA)=0.0233	Fig. legend	t(4)=3.573	Methods "Statistic"
+ -	7f number	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive T vs Type-B T +Sema6b shRNA)=0.6259	Fig. legend	t(4)=0.5273	Methods "Statistic"
+ -	7f number	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-B T +Control shRNA vs Type-B T +Sema6b shRNA)=0.0215	Fig. legend	t(4)=3.662	Methods "Statistic"
+ -	7g	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P =0.0039	Fig. legend	t(4)=5.981	Methods "Statistic"

+ -	7h	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P (length)= 0.0211	Fig. legend	t(4)=3.686	Methods "Statistic"
+ -	7h	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P (number) =0.017	Fig. legend	t(4)=7.544	Methods "Statistic"
+ -	Sup 1b	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Method 1 vs 2)=0.0006	Fig. legend	t(7)=5.98	Methods "Statistic"
+ -	Sup 1b	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Method 1 vs 3) <0.0001	Fig. legend	t(7)=12.54	Methods "Statistic"
+ -	Sup 1b	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Method 1 vs 4)=0.0027	Fig. legend	t(7)=4.54	Methods "Statistic"
+ -	Sup 1b	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Method 1 vs 5) <0.0001	Fig. legend	t(7)=8.15	Methods "Statistic"
+ -	Sup 1b	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Method 1 vs 6) <0.0001	Fig. legend	t(7)=10.63	Methods "Statistic"
+ -	Sup1 c-Brain	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-) =0.8159	Fig. legend	t(6)=0.2433	Methods "Statistic"
+ -	Sup1 c-Brain	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-) =0.5685	Fig. legend	t(6)=0.6031	Methods "Statistic"
+ -	Sup1 c-Spinal cord	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Nlrp3-/-) =0.5226	Fig. legend	t(6)=0.6787	Methods "Statistic"
+ -	Sup1 c-Spinal cord	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(WT vs Asc-/-) =0.8984	Fig. legend	t(6)=0.1332	Methods "Statistic"
+ -	Sup 1f	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0059	Fig. legend	t(4)=5.344	Methods "Statistic"
+ -	Sup 1f	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) <0.0001	Fig. legend	t(4)=18.55	Methods "Statistic"
+ -	Sup 1f	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0004	Fig. legend	t(4)=10.83	Methods "Statistic"
+ -	Sup 1g	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0261	Fig. legend	t(6)=2.724	Methods "Statistic"
+ -	Sup 1h	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P=0.0020	Fig. legend	t(6)=4.794	Methods "Statistic"

+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Total)=0.0028	Fig. legend	t(12)=3.747	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(CD4)=0.018	Fig. legend	t(12)=2.737	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Th17)=0.0167	Fig. legend	t(12)=2.78	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Th1)=0.0165	Fig. legend	t(12)=2.784	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(CD8)=0.0329	Fig. legend	t(12)=2.41	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(B)=0.0013	Fig. legend	t(12)=4.165	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(DC)=0.0003	Fig. legend	t(12)=5.008	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(PMN)=0.0004	Fig. legend	t(12)=4.912	Methods "Statistic"
+ -	Sup 1i Brain	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Mac)=0.0027	Fig. legend	t(12)=3.759	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Total)=0.0035	Fig. legend	t(12)=3.621	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(CD4)=0.0002	Fig. legend	t(12)=5.372	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Th17)=0.0003	Fig. legend	t(12)=4.997	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Th1)=0.00465	Fig. legend	t(12)=2.221	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(CD8)=0.0104	Fig. legend	t(12)=3.032	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(B)=0.0918	Fig. legend	t(12)=1.833	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(DC)=0.0429	Fig. legend	t(12)=2.263	Methods "Statistic"
+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(PMN)=0.0011	Fig. legend	t(12)=4.29	Methods "Statistic"

+ -	Sup1i Spinal cord	unpaired t-test	Fig. legend	7,7	mice from at least 2 litters/group	Methods "animal'	data points plotted	Fig. legend	P(Mac)=0.089	Fig. legend	t(12)=1.849	Methods "Statistic"
+ -	Sup1l	unpaired t-test	Fig. legend	8,8	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.1524	Fig. legend	t(14)=1.514	Methods "Statistic"
+ -	Sup1l	unpaired t-test	Fig. legend	8,8	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0013	Fig. legend	t(14)=4.026	Methods "Statistic"
+ -	Sup1l	unpaired t-test	Fig. legend	8,8	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0217	Fig. legend	t(14)=2.582	Methods "Statistic"
+ -	Sup 2b	unpaired t-test	Fig. legend	4,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.1340	Fig. legend	t(5)=1.7887	Methods "Statistic"
+ -	Sup 2b	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0024	Fig. legend	t(6)=45.021	Methods "Statistic"
+ -	Sup 2b	unpaired t-test	Fig. legend	3,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0268	Fig. legend	t(5)=3.101	Methods "Statistic"
+ -	Sup 2c	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =00.7939	Fig. legend	t(6)=0.2732	Methods "Statistic"
+ -	Sup 2c	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0040	Fig. legend	t(6)=4.519	Methods "Statistic"
+ -	Sup 2c	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0095	Fig. legend	t(6)=3.748	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Total)=0.2073	Fig. legend	t(6)=1.413	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD3)=0.8466,	Fig. legend	t(6)=0.202	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD4)=0.9285	Fig. legend	t(6)=0.09353	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD8)=0.7413	Fig. legend	t(6)=0.3459	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(B)=0.4141	Fig. legend	t(6)=0.8773	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th17)=0.9724	Fig. legend	t(6)=0.03605	Methods "Statistic"

+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Th1)=0.9017	Fig. legend	t(6)=0.1289	Methods "Statistic"
+ -	Sup 4a DLNs	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Treg)=0.3556	Fig. legend	t(6)=1.001	Methods "Statistic"
+ -	Sup 4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Total)=0.0072	Fig. legend	t(6)=3.99	Methods "Statistic"
+ -	Sup 4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD3)=0.2537	Fig. legend	t(6)=1.262	Methods "Statistic"
+ -	Sup 4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD4)=0.1781	Fig. legend	t(6)=1.525	Methods "Statistic"
+ -	Sup 4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD8)=0.3999	Fig. legend	t(6)=0.906	Methods "Statistic"
+ -	Sup 4a Spleen	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(B)=0.1371	Fig. legend	t(6)=1.715	Methods "Statistic"
+ -	Sup 4c	unpaired t-test	Fig. legend	6,6	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P (Th17)=0.6568	Fig. legend	t(10)=0.4579	Methods "Statistic"
+ -	Sup 4c	unpaired t-test	Fig. legend	6,6	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P (Th1)=0.3954	Fig. legend	t(10)=0.8879	Methods "Statistic"
+ -	Sup 4d	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(IFNγ)=0.3493	Fig. legend	t(7)=1.0037	Methods "Statistic"
+ -	Sup 4d	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(GM-CSF)=0.1760	Fig. legend	t(7)=1.505	Methods "Statistic"
+ -	Sup 4d	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Il-22)=0.2859	Fig. legend	t(7)=1.155	Methods "Statistic"
+ -	Sup 4d	unpaired t-test	Fig. legend	4,5	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(CD5L)=0.2641	Fig. legend	t(7)=1.214	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0102	Fig. legend	t(6)=3.695	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0004	Fig. legend	t(6)= 7.001	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0022	Fig. legend	t(6)=5.131	Methods "Statistic"

+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0777	Fig. legend	t(6)=2.125	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0014	Fig. legend	t(6)= 5.588	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0090	Fig. legend	t(6)=3.81	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.0005	Fig. legend	t(6)=6.774	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B) =0.0006	Fig. legend	t(6)= 6.48	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0161	Fig. legend	t(6)=3.314	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-A) =0.33	Fig. legend	, t(6)=1.06	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive vs Type-B)=0.0001	Fig. legend	t(6)= 11.11	Methods "Statistic"
+ -	Sup 4e	unpaired t-test	Fig. legend	4,4	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-A vs Type-B) =0.0001	Fig. legend	t(6)=10.89	Methods "Statistic"
+ -	Sup 7	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Naive T vs Type-B T +Control shRNA)=0.0011	Fig. legend	t(4)=8.396	Methods "Statistic"
+ -	Sup 7	unpaired t-test	Fig. legend	3,3	mice from at least 2 litters/group	Methods "animal'	maximum and minimum are at the ends of the whiskers	Fig. legend	P(Type-B T +Control shRNA vs Type-B T +Sema6b shRNA)=0.0051	Fig. legend	t(4)=5.559	Methods "Statistic"

Representative figures

1. Are any representative images shown (including Western blots and immunohistochemistry/staining) in the paper?

   If so, what figure(s)?

   Figure 1i, 1j, 5c, 5e, 5h, 6b, 6c, 7a, 7e, 7h
   Supplementary Figure 1i, 1k, 5, 6b-f

2. For each representative image, is there a clear statement of how many times this experiment was successfully repeated and a discussion of any limitations in repeatability?

   If so, where is this reported (section, paragraph #)?

   Yes. Mentioned in each figure legend.

Statistics and general methods

1. Is there a justification of the sample size? If so, how was it justified? Where (section, paragraph #)? Even if no sample size calculation was performed, authors should report why the sample size is adequate to measure their effect size.	No statistical methods were used to predetermine to justify sample sizes, but our sample sizes are similar to those generally employed in the field.
2. Are statistical tests justified as appropriate for every figure? Where (section, paragraph #)?	Yes. For every figure, please see each figure legend. The "Statistical analysis" subsection in Online Method also mentions on statistical analyses.
a. If there is a section summarizing the statistical methods in the methods, is the statistical test for each experiment clearly defined?	The "Statistical analysis" subsection in Online Method also mentions on statistical analyses.
b. Do the data meet the assumptions of the specific statistical test you chose (e.g. normality for a parametric test)? Where is this described (section, paragraph #)?	Yes. Mentioned in the Method section.
c. Is there any estimate of variance within each group of data? Is the variance similar between groups that are being statistically compared? Where is this described (section, paragraph #)?	Yes. Mentioned in Figure legends.
d. Are tests specified as one- or two-sided?	two-sided
e. Are there adjustments for multiple comparisons?	Not applicable
3. To promote transparency, *Nature Neuroscience* has stopped allowing bar graphs to report statistics in the papers it publishes. If you have bar graphs in your paper, please make sure to switch them to dot-plots (with central and dispersion statistics displayed) or to box-and-whisker plots to show data distributions.	We have switched bar graphs to box-and-whisker plots.
4. Are criteria for excluding data points reported? Was this criterion established prior to data collection? Where is this described (section, paragraph #)?	No.
5. Define the method of randomization used to assign subjects (or samples) to the experimental groups and to collect and process data. If no randomization was used, state so. Where does this appear (section, paragraph #)?	The research samples were assigned by chance, rather than by choice, to either the experimental group or the control group. The description of randomization was added in the Statistical analysis subsection in Online Methods.

6. Is a statement of the extent to which investigator knew the group allocation during the experiment and in assessing outcome included? If no blinding was done, state so. Where (section, paragraph #)?	We have described in Online Methods (subsections of Induction of active EAE and Statistical analysis) that experiments were performed in a blinded fashion.
7. For experiments in live vertebrates, is a statement of compliance with ethical guidelines/regulations included? Where (section, paragraph #)?	We have described in the Animals subsection in Online Methods that the study has been performed under the guideline approved by the Duke University Institutional Animal Care and Use Committee.
8. Is the species of the animals used reported? Where (section, paragraph #)?	The species is described in the Animals subsection in Online Methods.
9. Is the strain of the animals (including background strains of KO/ transgenic animals used) reported? Where (section, paragraph #)?	The strains are described in the Animals subsection in Online Methods.
10. Is the sex of the animals/subjects used reported? Where (section, paragraph #)?	The sex is described in the Animals subsection in Online Methods.
11. Is the age of the animals/subjects reported? Where (section, paragraph #)?	The range of age is described in the Animals subsection in Online Methods.
12. For animals housed in a vivarium, is the light/dark cycle reported? Where (section, paragraph #)?	The L/D cycle is described in the Animals subsection in Online Methods.
13. For animals housed in a vivarium, is the housing group (i.e. number of animals per cage) reported? Where (section, paragraph #)?	The group-housing is described in the Animals subsection in Online Methods.
14. For behavioral experiments, is the time of day reported (e.g. light or dark cycle)? Where (section, paragraph #)?	Disease score analysis and video-recording was performed in the middle of the day during the light cycle. This can be found in the Induction of active EAE subsection in Online Methods.
15. Is the previous history of the animals/subjects (e.g. prior drug administration, surgery, behavioral testing) reported? Where (section, paragraph #)?	All the human subjects went through IFN-beta treatment. Detailed information can be found in the subsection"RRMS patient's information and qPCR analysis" in Online Methods.
a. If multiple behavioral tests were conducted in the same group of animals, is this reported? Where (section, paragraph #)?	No multiple behavioral tests performed.
16. If any animals/subjects were excluded from analysis, is this reported? Where (section, paragraph #)?	This information can be found in the subsection"RRMS patient's information and qPCR analysis" in Online Methods.

a. How were the criteria for exclusion defined?

Where is this described (section, paragraph #)?

Human subjects who had treatment(s) other than IFN-beta was excluded. This information can be found in the subsection"RRMS patient's information and qPCR analysis" in Online Methods.

b. Specify reasons for any discrepancy between the number of animals at the beginning and end of the study.

Where is this described (section, paragraph #)?

Our data have no discrepancy on this matter.

Reagents

1. Have antibodies been validated for use in the system under study (assay and species)?

To validate antibodies, we included control antibodies in all the experiments.

a. Is antibody catalog number given?

Where does this appear (section, paragraph #)?

Included in the Reagents subsection in Online Methods.

b. Where were the validation data reported (citation, supplementary information, Antibodypedia)?

Where does this appear (section, paragraph #)?

Antibodies are purchased from commercial vendors. The information is included in the Reagents subsection in Online Methods.

2. Cell line identity

a. Are any cell lines used in this paper listed in the database of commonly misidentified cell lines maintained by ICLAC and NCBI Biosample?

Where (section, paragraph #)?

No cell line was used in this study.

b. If yes, include in the Methods section a scientific justification of their use--indicate here in which section and paragraph the justification can be found.

n/a

c. For each cell line, include in the Methods section a statement that specifies:

- the source of the cell lines
- have the cell lines been authenticated? If so, by which method?
- have the cell lines been tested for mycoplasma contamination?

Where (section, paragraph #)?

n/a

Data availability

Provide a Data availability statement in the Methods section under "Data availability", which should include, where applicable:

- Accession codes for deposited data
- Other unique identifiers (such as DOIs and hyperlinks for any other datasets)
- At a minimum, a statement confirming that all relevant data are available from the authors
- Formal citations of datasets that are assigned DOIs
- A statement regarding data available in the manuscript as source data
- A statement regarding data available with restrictions

See our data availability and data citations policy page for more information.

Data deposition in a public repository is mandatory for:

a. Protein, DNA and RNA sequences
b. Macromolecular structures
c. Crystallographic data for small molecules
d. Microarray data

Deposition is strongly recommended for many other datasets for which structured public repositories exist; more details on our data policy are available here. We encourage the provision of other source data in supplementary information or in unstructured repositories such as Figshare and Dryad.

We encourage publication of Data Descriptors (see Scientific Data) to maximize data reuse.

Where is the Data Availability statement provided (section, paragraph #)?

The following sentences were added in Data Availability.
"The RNA-seq data have been deposited in the NCBI Gene Expression Omnibus (GEO) under accession number GSE85946. The data that support the findings of this study are available from the corresponding author upon reasonable request."

Computer code/software

Any custom algorithm/software that is central to the methods must be supplied by the authors in a usable and readable form for readers at the time of publication. However, referees may ask for this information at any time during the review process.

1. Identify all custom software or scripts that were required to conduct the study and where in the procedures each was used.

We used the following software.
- FlowJo for flow cytometry data analysis
- ZEN for confocal microscopy image analysis
- TrimGalore toolkit for RNA-Seq data processing
- STAR RNA-seq alignment tool for transcriptome mapping
- EdgeR53 and Bioconductor package for normalization and differential expression of RNA-Seq data
- GSEA for enriched pathoways of RNA-Seq data

2. If computer code was used to generate results that are central to the paper's conclusions, include a statement in the Methods section under "**Code availability**" to indicate whether and how the code can be accessed. Include version information as necessary and any restrictions on availability.

n/a

Human subjects

1. Which IRB approved the protocol?

   Where is this stated (section, paragraph #)?

   IRB# Pro00023791. The subsection "RRMS patient's information and qPCR analysis" in Online Method.

2. Is demographic information on all subjects provided?

   Where (section, paragraph #)?

   We described that the MURDOCK cohort was used and described the website of the MURDOCK study for detailed in formation in the subsection "RRMS patient's information and qPCR analysis" in Online Method.

3. Is the number of human subjects, their age and sex clearly defined?

   Where (section, paragraph #)?

   Defined in the subsection "RRMS patient's information and qPCR analysis" in Online Method.

4. Are the inclusion and exclusion criteria (if any) clearly specified?

   Where (section, paragraph #)?

   Specified in the subsection "RRMS patient's information and qPCR analysis" in Online Method.

5. How well were the groups matched?

   Where is this information described (section, paragraph #)?

   Description of age and sex matching is described in the subsection "RRMS patient's information and qPCR analysis" in Online Method.

6. Is a statement included confirming that informed consent was obtained from all subjects?

   Where (section, paragraph #)?

   Included in the subsection "RRMS patient's information and qPCR analysis" in Online Method.

7. For publication of patient photos, is a statement included confirming that consent to publish was obtained?

   Where (section, paragraph #)?

   No patient photos included.

fMRI studies

For papers reporting functional imaging (fMRI) results please ensure that these minimal reporting guidelines are met and that all this information is clearly provided in the methods:

1. Were any subjects scanned but then rejected for the analysis after the data was collected?

   No fMRI study performed.

   a. If yes, is the number rejected and reasons for rejection described?

      Where (section, paragraph #)?

2. Is the number of blocks, trials or experimental units per session and/or subjects specified?

   Where (section, paragraph #)?

3. Is the length of each trial and interval between trials specified?

4. Is a blocked, event-related, or mixed design being used? If applicable, please specify the block length or how the event-related or mixed design was optimized.

5. Is the task design clearly described?

   Where (section, paragraph #)?

6. How was behavioral performance measured?

7. Is an ANOVA or factorial design being used?

8. For data acquisition, is a whole brain scan used?

   If not, state area of acquisition.

   a. How was this region determined?

9. Is the field strength (in Tesla) of the MRI system stated?

   a. Is the pulse sequence type (gradient/spin echo, EPI/spiral) stated?

   b. Are the field-of-view, matrix size, slice thickness, and TE/TR/flip angle clearly stated?

10. Are the software and specific parameters (model/functions, smoothing kernel size if applicable, etc.) used for data processing and pre-processing clearly stated?

11. Is the coordinate space for the anatomical/functional imaging data clearly defined as subject/native space or standardized stereotaxic space, e.g., original Talairach, MNI305, ICBM152, etc? Where (section, paragraph #)?

12. If there was data normalization/standardization to a specific space template, are the type of transformation (linear vs. nonlinear) used and image types being transformed clearly described? Where (section, paragraph #)?

13. How were anatomical locations determined, e.g., via an automated labeling algorithm (AAL), standardized coordinate database (Talairach daemon), probabilistic atlases, etc.?

14. Were any additional regressors (behavioral covariates, motion etc) used?

15. Is the contrast construction clearly defined?

16. Is a mixed/random effects or fixed inference used?

a. If fixed effects inference used, is this justified?

17. Were repeated measures used (multiple measurements per subject)?

a. If so, are the method to account for within subject correlation and the assumptions made about variance clearly stated?

18. If the threshold used for inference and visualization in figures varies, is this clearly stated?

19. Are statistical inferences corrected for multiple comparisons?

a. If not, is this labeled as uncorrected?

20. Are the results based on an ROI (region of interest) analysis?

a. If so, is the rationale clearly described?

b. How were the ROI's defined (functional vs anatomical localization)?

21. Is there correction for multiple comparisons within each voxel?

22. For cluster-wise significance, is the cluster-defining threshold and the corrected significance level defined?

Additional comments

Additional Comments