## TREM2 is thyroid hormone regulated making the TREM2 pathway druggable with ligands for thyroid hormone receptor

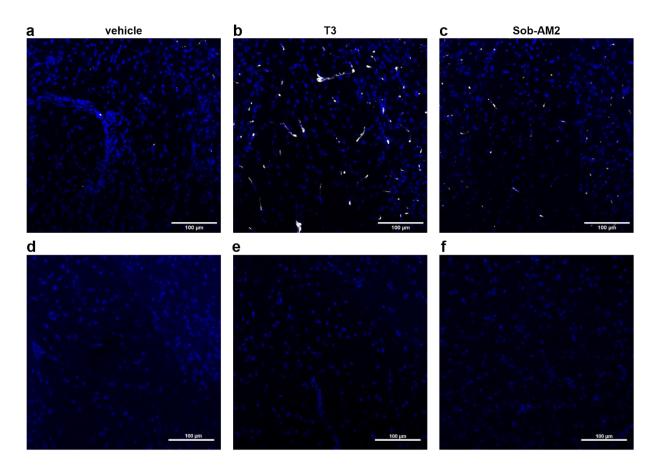
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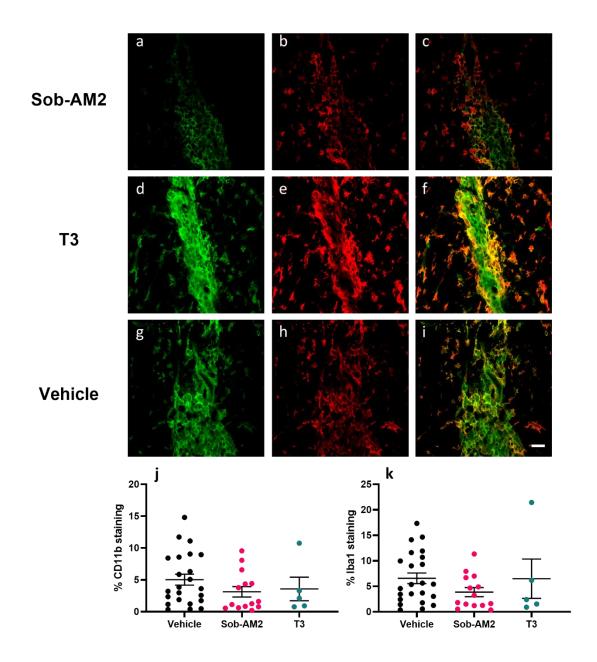
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Supplemental Figure S1, Related to Figure 5: (a-c) DAPI and TREM2 co-staining for the representative images in Fig. 5. (d-f) No primary controls for each group showing DAPI and TREM2 channels. Scale bars:  $100 \ \mu m$ .



Supplemental Figure S2, Related to Figure 5: Representative CD11b (green) and lba1 (red) staining of dorsal spinal cord sections from Sob-AM2 (a-c,1 mg/kg), T3 (d-f, 0.4 mg/kg), and vehicle (g-i, DMSO and NaOH) treated mice. Quantification of percent CD11b staining (j) and lba1 staining (k) from each representative group. There is no statistically significant difference between any group in j and k as determined by one-way ANOVA (P < 0.05) and Mann-Whitney U tests between vehicle and specific group. Scale bar is 20  $\mu$ m.

Table S1, Related to Figures 2 and 3: Oligonucleotide sequences used for RT-qPCR. All oligonucleotides were purchased from Eurofins Genomics.

Oligonucleotides
f- <i>Ppia</i> 5'-AGGGTGGCTTTACACGC-3'
r- <i>Ppia</i> 5'-CTTGCCATCCAGCCATTCAG-3'
f-Trem2 5'-GACCTCTCCACCAGTTTCTCC-3'
r-Trem2 5'-TACATGACACCCTCAAGGACTG-3'
f-Cd68 5'-TTCTGCTGTGGAAATGCAAG-3'
r- <i>Cd68</i> 5'-GAGAAACATGGCCCGAAGT-3'
f- <i>II1b</i> 5'-TCCAGGATGAGGACATGAGCAC-3'
r-II1b 5'-GAACGTCACACCAGCAGGTTA-3'
f-II6 5'-GTTGCCTTCTTGGGACTGATG-3'
r-II6 5'-CATACAATCAGAATTGCCATTGC-3'
f-GAPDH 5'-CAGGAGGCATTGCTGATGAT-3'
r-GAPDH 5'-GAAGGCTGGGGCTCATTT-3'
f- <i>TREM</i> 2 5'-ACAGAAGCCAGGGACACATC-3'
r-TREM2 5'-CCTCCCATCATCTTCCTTCA-3'