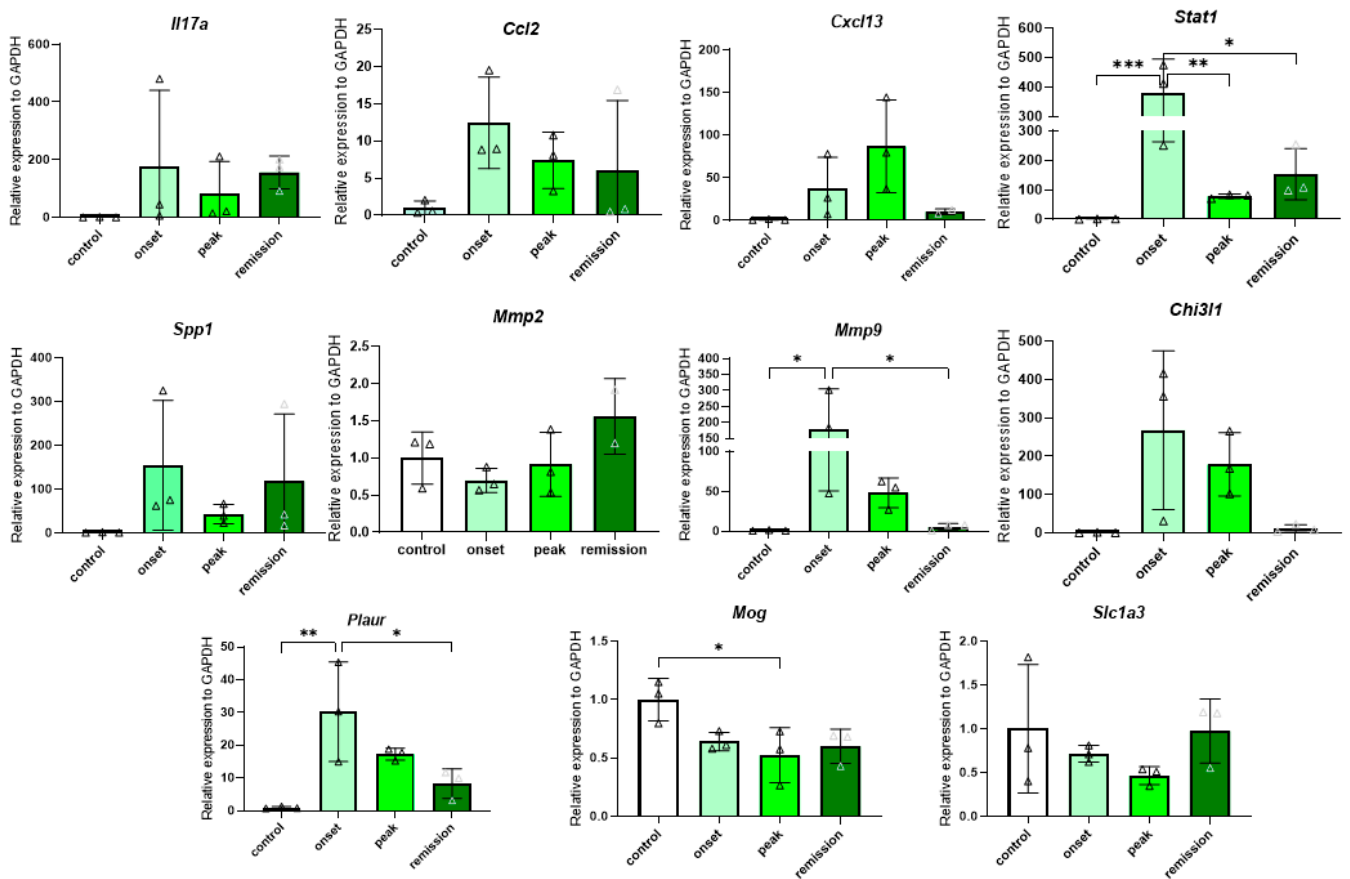


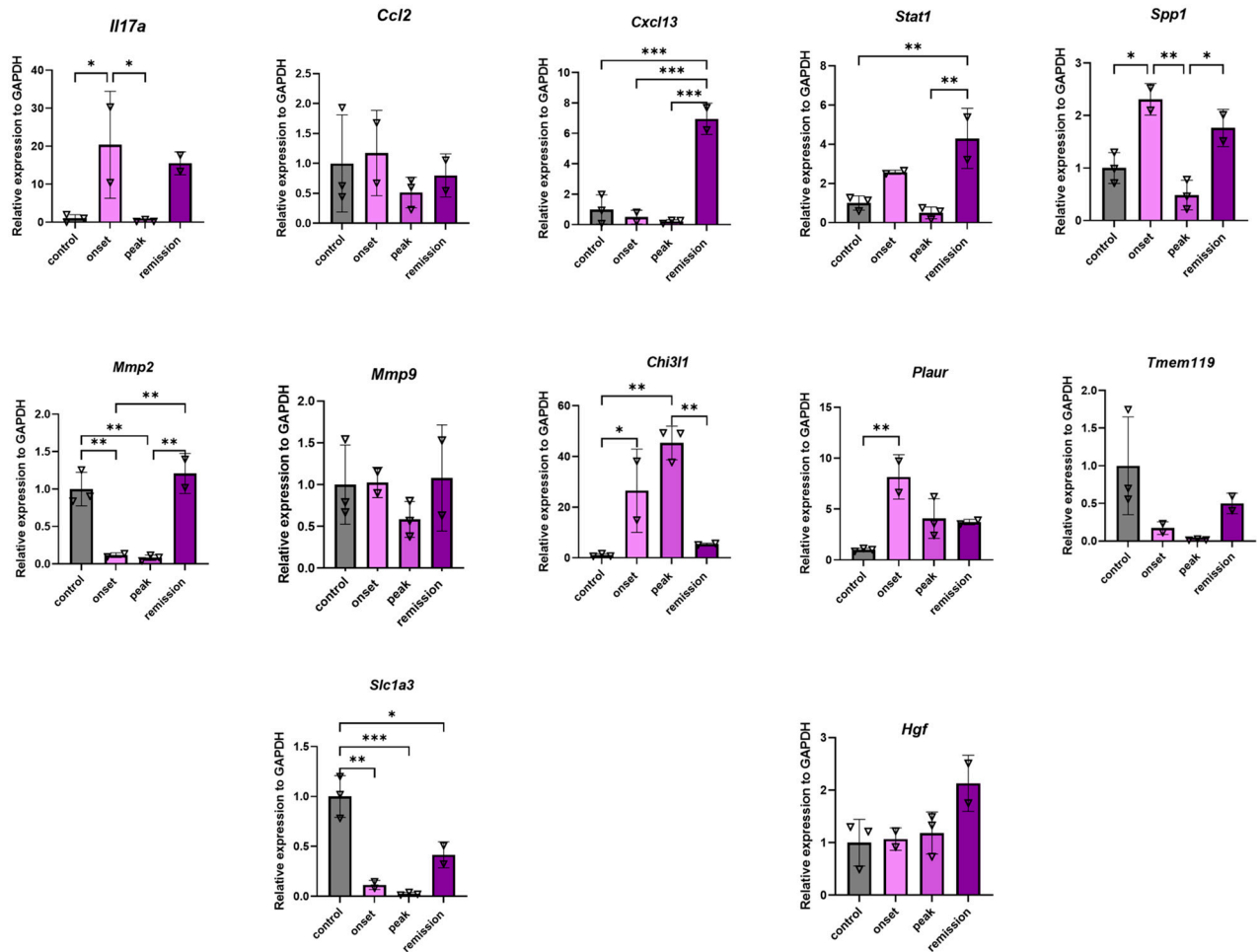
Supplementary Materials

Supplementary Table S1. List of probes used for qPCR

Gene name	Probe reference
<i>Bdnf</i>	Mm01334043 m1
<i>Ccl2</i>	Mm00441242 m1
<i>Cd20</i>	Mm00545909 m1
<i>Cd4</i>	Mm00442754 m1
<i>Cd8</i>	Mm01182107 g1
<i>Ch3l1</i>	Mm00657889 mH
<i>Cxcl13</i>	Mm01208154 g1
<i>Gfap</i>	Mm01253033 m1
<i>Hgf</i>	Mm01135184 m1
<i>Il17a</i>	Mm00439616 m1
<i>Mbp</i>	Mm01266402 m1
<i>Mmp2</i>	Mm00439498 m1
<i>Mmp9</i>	Mm0442991 m1
<i>Mog</i>	Mm01279062 m1
<i>Nfhl</i>	Mm01191456 m1
<i>Nfl</i>	Mm01315666 m1
<i>Ngf</i>	Mm0443039 m1
<i>Spp1</i>	Mm00436767 m1
<i>Stat1</i>	Mm00439518 m1
<i>Mapt</i>	Mm00521988 m1
<i>Plaur</i>	Mm01149438 m1
<i>Slc1a3</i>	Mm00600697 m1
<i>Tmem119</i>	Mm005255305 m1
<i>Gapdh</i>	Mm999999915 g1



Supplementary Figure S1. Differential expression of genes in O4⁺ cells during the different phases of PLP-induced EAE. The levels of mRNA transcripts for the selected genes relative to Gapdh were measured in O4⁺ samples isolated from control and EAE mice on the onset, peak and remission phase by RTqPCR. A number of 3 mice was used in the experiment Each symbol represents a sample. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, one-way ANOVA.



Supplementary Figure S2. Differential expression of genes in CD11b⁺ cells during the different phases of PLP-induced EAE. The levels of mRNA transcripts for the selected genes relative to Gapdh were measured in CD11b⁺ samples isolated from controls and EAE mice on the onset, peak and remission phase by RT-qPCR. A number of 2 to 3 mice was used in the experiment. Each symbol represents a sample. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, one-way ANOVA.