

Electronic supplementary material

ESM Table 3 Quantitative RT-PCR of target inflammatory molecules implicated in inflammatory responses within the central nervous system

Marker	Wild-type	hIL6^{tg}
<i>Ccl2</i>	0.3±0.1	0.4±0.2
<i>Ccl3</i>	0.1±0.05	0.2±0.15
<i>Tnfα</i>	0.9±0.5	0.8±0.3
<i>Tgfβ1</i>	0.95±0.2	0.75±0.1
<i>Il2</i>	0.6±0.05	0.7±0.2
<i>Il6</i>	0.1±0.05	0.15±0.02
<i>Il1α</i>	0.1±0.02	0.1±0.05
<i>Il1β</i>	0.02±0.003	0.05±0.005
<i>Cd4</i>	0.5±0.1	0.7±0.3
<i>Cd8</i>	0.8±0.2	0.9±0.1

Target molecules include cytokines, chemokines and cell adhesion molecules

Quantitative RT-PCR was performed to determine levels of target molecules in brain tissues of wild-type and hIL6^{tg} mice (*n*=3 from each genotype)

Levels of brain mRNA were normalised to β-actin

All analysed transcripts were unchanged in the brains of wild-type and hIL6^{tg} mice