

Supplementary Table 1 Summary of analytes measured in CSF and striatum and their corresponding changes during chronic infection.

Analyte	Chronic Change ^a		Baseline Uninfected Levels ^b		None/Mild vs. Mod/Sev ^c	
	CSF	Striatum	CSF	Striatum	CSF	Striatum
TRP (μM)	ns	ns	6.17 [5.21 - 6.83]	21.8 [19.4 - 22.6]	21 dpi	↓
KYN (μM)	ns	↑	0.36 [0.27 - 0.40]	0.72 [0.65 - 0.85]	42 dpi	↑
3HK (μM)	ns	↑	0.01 [0.01 - 0.02]	0.06 [0.05 - 0.07]	42 dpi	↑
QUIN (μM)	↑	↑	0.20 [0.16 - 0.23]	0.17 [0.15 - 0.23]	42 dpi	↑
KYN/TRP (Ratio x 100)	ns	↑	5.53 [5.14 - 5.82]	3.44 [3.12 - 3.87]	28 dpi	↑
QUIN/TRP (Ratio x 100)	↑	↑	3.09 [2.49 - 3.31]	0.76 [0.71 - 1.03]	28 dpi	↑
IL-6 (pg/mL)	↑	n/a	4.30 [3.90 - 5.66]	n/a	42 dpi	n/a
MCP-1 (pg/mL)	↑	n/a	358 [262 - 487]	n/a	42 dpi	n/a

Abbreviations: ns = not significant ($p > 0.05$); n/a = not analyzed.

^a Summary of analytes that were significantly upregulated (up arrow) or significantly downregulated (down arrow) during chronic infection compared to uninfected animals.

^b Median baseline values from uninfected animals are shown with interquartile ranges in brackets.

^c For CSF, the time point listed is the earliest time point beginning with day 21 p.i. at which an analyte significantly differed between animals that went on to develop none/mild encephalitis versus those that developed moderate/severe encephalitis. For striatum, the arrows refer to whether the chronically infected animals with moderate to severe encephalitis had significantly higher (up arrow) or lower (down arrow) levels compared to animals that had no or only mild encephalitis during chronic infection (\geq day 35 p.i.).