CSF

- Severe 1
- Severe 2
- Severe 3
- Severe 4
- Severe 5

a) SIV RNA (copy eq./mL)

b) TRP (µM)

c) KYN (µM)

d) 3HK (µM)

e) QUIN (µM)

f) KYN/TRP Ratio x 100
g) QUIN/TRP Ratio x 100

dpi
Fig. S1 Raw longitudinal CSF metabolite and viral load data. CSF from 5 animals with severe encephalitis at euthanasia (black symbols and lines) and 3 animals with mild encephalitis at euthanasia (grey symbols and lines) were followed longitudinally. Two or three pre-infection CSF samples were also analyzed for each animal and are represented at the -10, -5, and 0 days p.i., though actual pre-infection samples were taken up to 100 days prior to infection. The vertical dashed line represents the initiation of viral infection. Levels of CSF viremia were measured by qRT-PCR (a). Levels of TRP (b), KYN (c), 3HK (d), QUIN (e), KYN/TRP ratios (f), and QUIN/TRP ratios (g) were measured by GCMS. CSF viremia is shown on a log_{10} axis; TRP and 3HK are represented on linear axes; all others are shown on log_{2} axes.