

**Supplementary Table 2.** Ratios of mRNA copies of interferon- $\alpha$ - $\beta$  to housekeeping 18S ribosomal subunit in the brain of mice infected with Zika virus.

<b>Day post-infection</b>	<b>Ratio IFN-<math>\alpha</math> to 18S mRNAs</b> <b>Mean <math>\pm</math> SEM (a.u.)</b>	<b>Ratio IFN-<math>\beta</math> to 18S mRNAs</b> <b>Mean <math>\pm</math> SEM (a.u.)</b>
0 (non-infected)	$6.14 \times 10^{-7} \pm 1.86 \times 10^{-7}$	$2.18 \times 10^{-8} \pm 6.22 \times 10^{-9}$
3	$6.89 \times 10^{-7} \pm 1.53 \times 10^{-7}$	$2.63 \times 10^{-8} \pm 5.85 \times 10^{-9}$
7	$6.45 \times 10^{-7} \pm 1.47 \times 10^{-7}$	$4.15 \times 10^{-8} \pm 1.04 \times 10^{-8}$
10	$4.58 \times 10^{-7} \pm 3.46 \times 10^{-8}$	$1.68 \times 10^{-8} \pm 1.51 \times 10^{-9}$
14	$4.50 \times 10^{-7} \pm 2.18 \times 10^{-8}$	$2.78 \times 10^{-8} \pm 4.20 \times 10^{-9}$

a.u., arbitrary unit; SEM, standard error of the mean.  
Results are the mean  $\pm$  SEM of 5-6 mice per time point.