

## Ex-vivo HSV-1 reactivation

**Supplementary figure 1.** Trigeminal ganglion tissues were collected at 12 dpi from the mice from experimental groups (n=3 per group) and monitored for the HSV-1 by ex-vivo reactivation assay. Statistical analysis was performed using unpaired t test with Welch correction Individual variance for each group value showing q value, Two-stage step-up (Benjamini, Krieger, and Yekutieli).