

Table S3. Presence of viral RNA and CD11b in the brain via RNAscope

Group	Animal	Sex	Olfactory Bulb	Cerebral Cortex	Hippocampal Formation	Thalamus	Hypothalamus	Midbrain	Pons	Medulla	Cerebellum			Meningitis/encephalitis
											Purkinje cells	Granule cells	Molecular cells	
Uninfected	1001	M	- +	- +	- +	- +	- +	- +	- +	- +	- -	- +	- +	
	1002	M	- +	- +	- +	- +	- +	- +	- +	- +	- -	- +	- +	
	1003	M	- +	- +	- +	- +	- +	- +	- +	- +	- -	- +	- +	
	1007	F	- +	- +	- +	- +	- +	- +	- +	- +	- -	- +	- +	
	1008	F	NP	- +	- +	- +	- +	- +	- +	- +	- -	- +	- +	
	1009	F	- +	- +	- +	- +	- +	- +	- +	- +	- -	- +	- +	
DTV	2001	M	+++ ++	+++ ++	+++ +++	+++ ++	++ ++	++ ++	NP	NP	+ -	++ ++	+ ++	ME
	2002	M	++ ++	+++ ++	+++ ++	+++ ++	++ ++	++ ++	NP	NP	- -	++ ++	+ ++	ME
	2003	M	+ ++	+++ +++	++ ++	++ ++	++ ++	+ ++	++ ++	+	+	+	++ ++	ME
	2007	F	++ ++	+++ ++	+++ +++	+++ ++	+++ ++	+++ ++	NP	NP	- -	+	+	ME
	2008	F	+ ++	+++ ++	+ ++	+++ ++	+ ++	++ ++	+	+	- -	++ ++	+	ME
	2009	F	+ ++	++ ++	+++ +++	++ ++	+ ++	+ ++	NP	NP	- -	+	+	ME
POWV	3001	M	NP	+ +	- +	+ +	+ ++	+ ++	+	+	+	+	++ ++	ME
	3002	M	++ ++	++ ++	- ++	++ ++	++ ++	+++ ++	++ ++	+++ ++	+++ -	+++ ++	+++ ++	ME
	3003	M	NP	++ ++	- ++	+ ++	+ ++	++ ++	+	++ ++	+	++ ++	+ ++	ME
	3007	F	+ ++	+ ++	+ ++	+ +	+ ++	++ ++	+	++ ++	++ -	++ ++	++ ++	ME
	3008	F	++ +	+++ ++	+++ ++	+++ ++	++ +	++ ++	++ ++	+++ ++	- -	++ ++	++ ++	ME
	3009	F	- +	+ +++	- ++	+ ++	- ++	- ++	- ++	+	+	+	+	ME

Table S3. Presence of viral RNA and CD11b in the brain via RNAscope. Staining for viral RNA (teal) and CD11b (pink) was performed using RNAscope. Brain regions were semi-quantitatively scored with 0 (absence of staining), 1 (very few to low), 2 (moderate), and 3 (numerous). Meningitis (M), encephalitis (E), and meningoencephalitis (ME) were also noted. Areas that were not present were noted as NP.