

Supplementary tables

Table S1. Ct values of the independent samples selected for viral sequencing. Successfully sequenced samples are indicated in green, non-successful in grey.

Mouse ID	CNS tissues				Non-CNS tissues			
	Brain	Trigeminal ganglion	Spinal cord - dorsal	Spinal cord - ventral	Nuccal skin	Tongue epithelium	Salivary gland	Pharyngeal swab
1							29.82	34.71
2							24.54	27.56
3							26.85	28.97
4							28.4	35.49
5	19.78	21.7	17.68	18.25	32.89	28.28	30.07	
6	23.31	18.19	17.64	19.92	33.12	29.64	29.7	
7	19.14	24.78	16.74	17.33	29.64	31.18	31.38	
8	20.31	20.82	17.59	18.47	30.88	27.45	26.25	
9	21.61	19.12	17.86	17	28.8	23.97	27.42	
10	22.04	19.63	17.22	19.32	33.38	29.59	29.33	

Table S2. Abundance of the observed minor variants (in percentages) detected in the various mice tissues. Yellow cells indicate a SNP.

[illegible]

7	Spinal cord - ventral															
7	Nuchal skin															
8	Brain									41.3						
8	Trigeminal ganglion								29.1	>50						
8	Spinal cord - dorsal									44.7						
8	Spinal cord - ventral									36.5						
8	Nuchal skin									21.9						
8	Tongue epithelium								33.2	>50						
8	Salivary gland															
9	Brain															
9	Trigeminal ganglion															
9	Spinal cord - dorsal															
9	Spinal cord - ventral															
9	Nuchal skin															
9	Tongue epithelium															
9	Salivary gland															
10	Brain					27.2					26.7			20.5		
10	Trigeminal ganglion					35.5				34.4	27.4			37.1		
10	Spinal cord - dorsal					>50	36.5				>50	39.5	32.4	>50		
10	Spinal cord - ventral					>50	38.0				>50	34.8	37.0	>50		