

Epilepsy and neuropsychiatric comorbidities in mice carrying a recurrent Dravet syndrome *SCN1A* missense mutation

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Keywords:

Dravet Syndrome, SCN1A, Nav1.1, epilepsy, gene therapy, adenovirus, encephalopathy.

Western blot

In each image the first set of blots corresponds to mouse Nav1.1 (**a**) and the second one to mouse GAPDH (**b**).

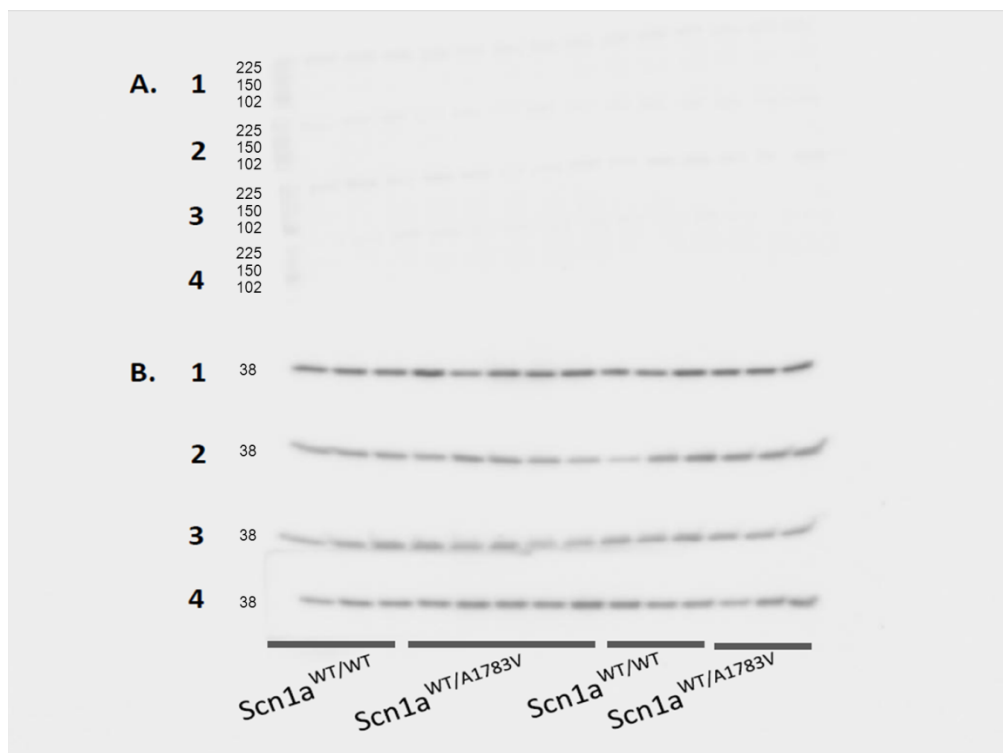
Analyzed regions:

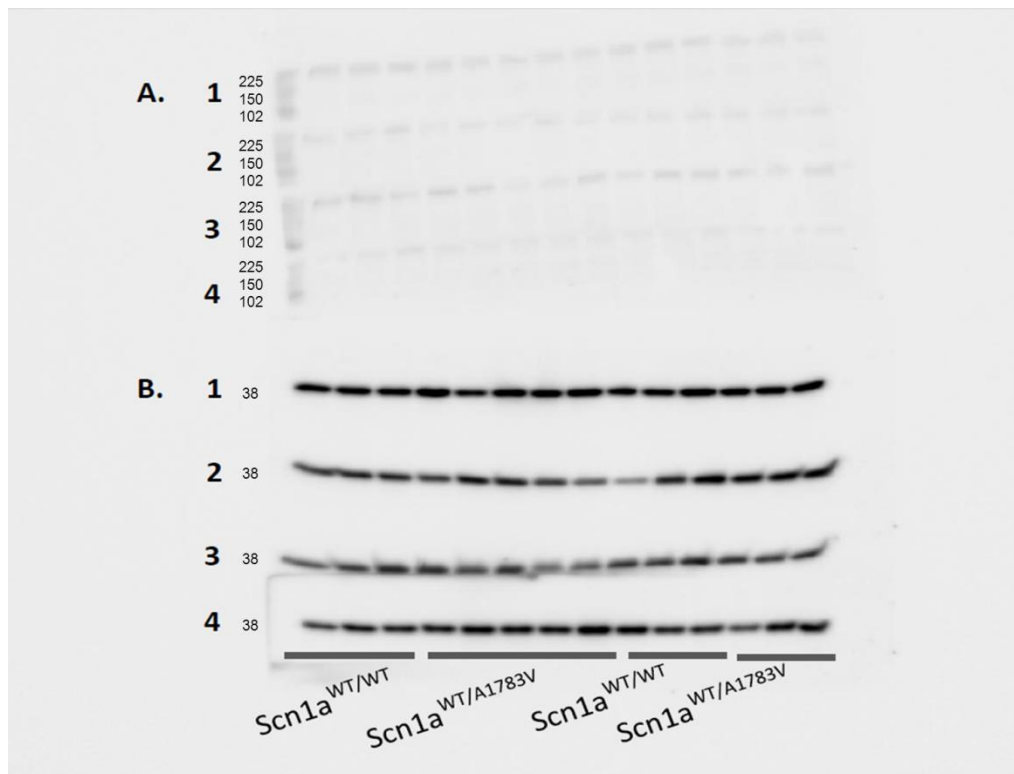
1. Total cortex.
2. Hippocampus.
3. Cerebellum.
4. Prefrontal cortex. The analysis of this region was omitted to simplify the general message of the paper since no differences were observed compared to total cortex.

Samples were loaded into the gels as follows:

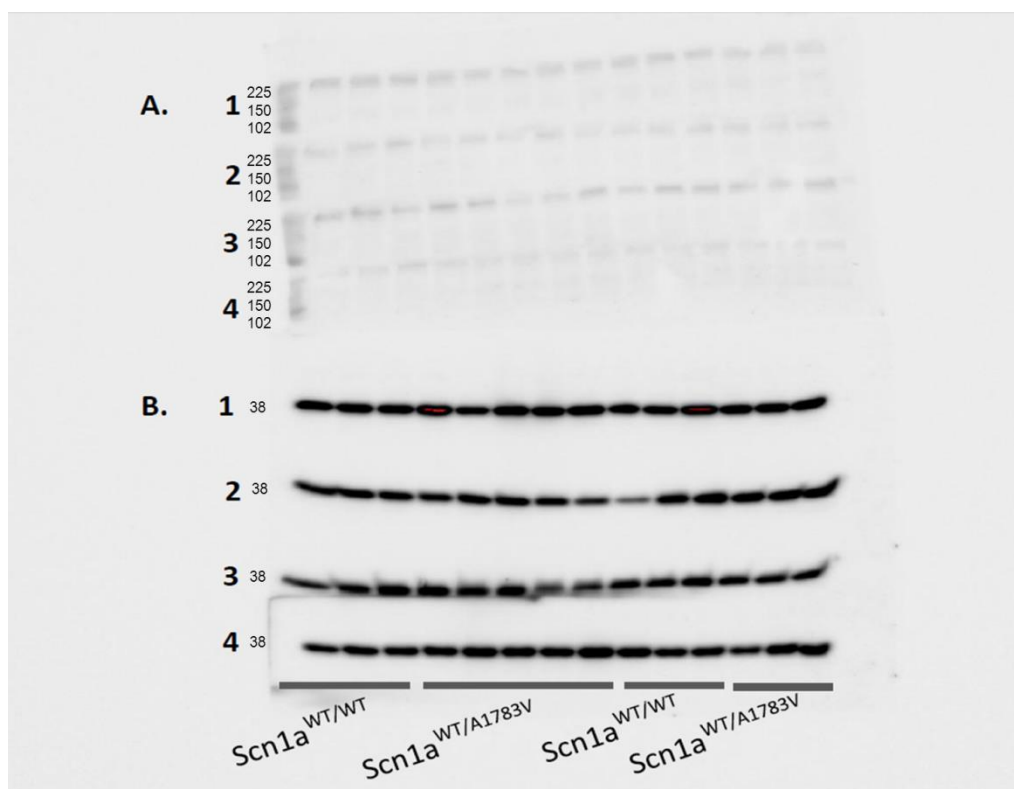
- Scn1a^{WT/WT} (n=3).
- Scn1a^{WT/A1783V} (n=5).
- Scn1a^{WT/WT} (n=3).
- Scn1a^{WT/A1783V} (n=3).

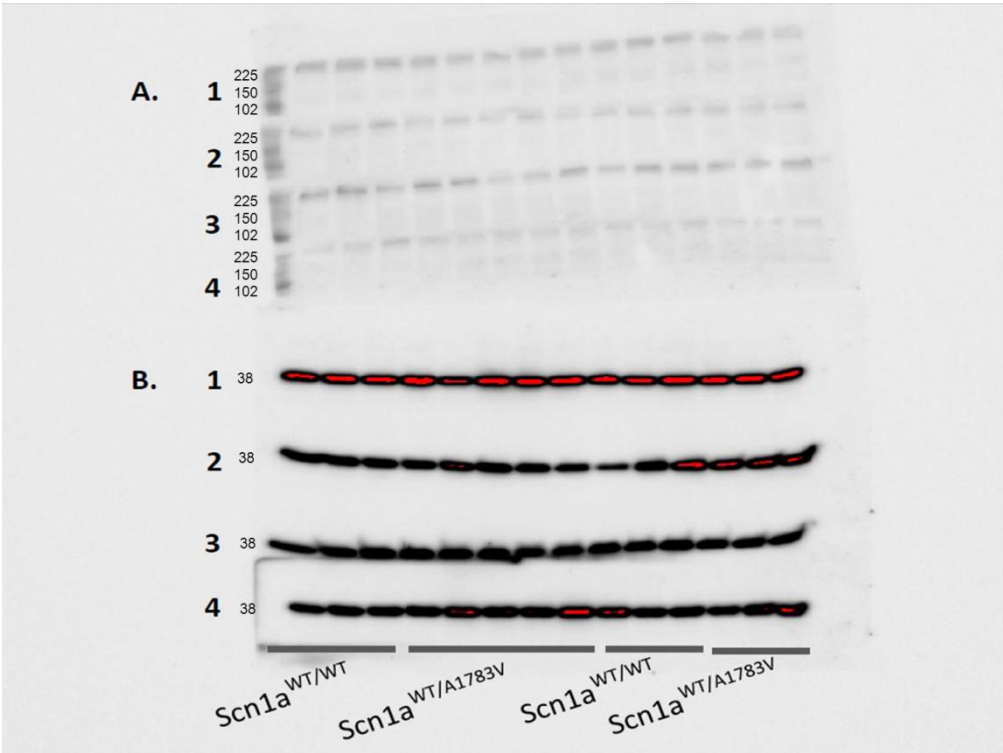
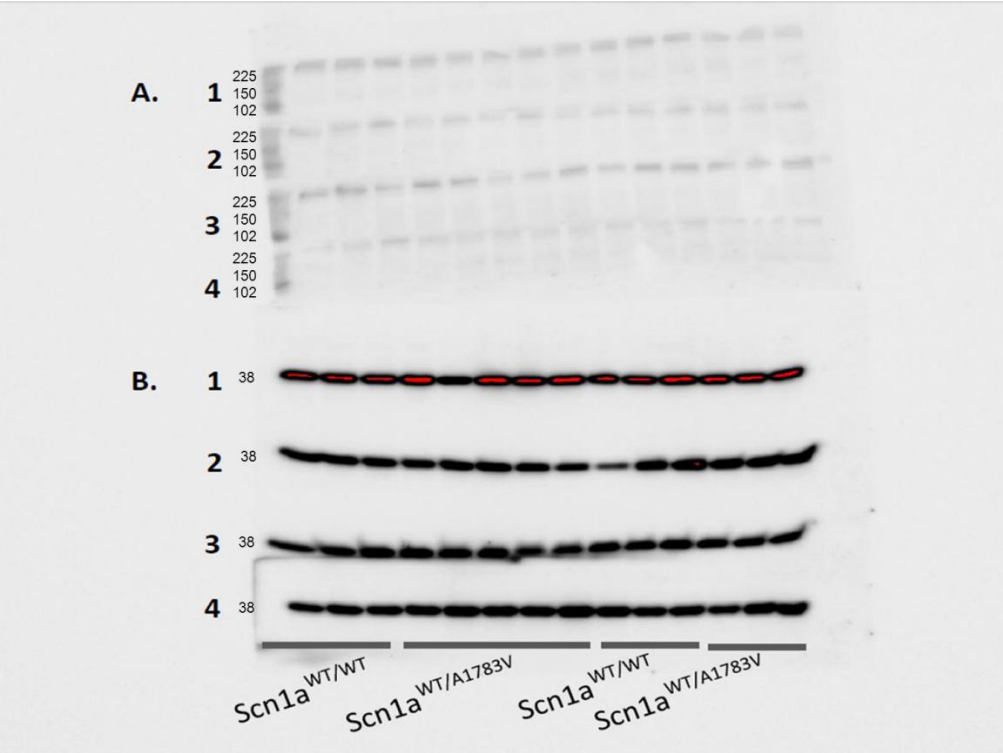
In the final figure, blots were cropped and rearranged to display together Scn1a^{WT/WT} and Scn1a^{WT/A1783V} mice.

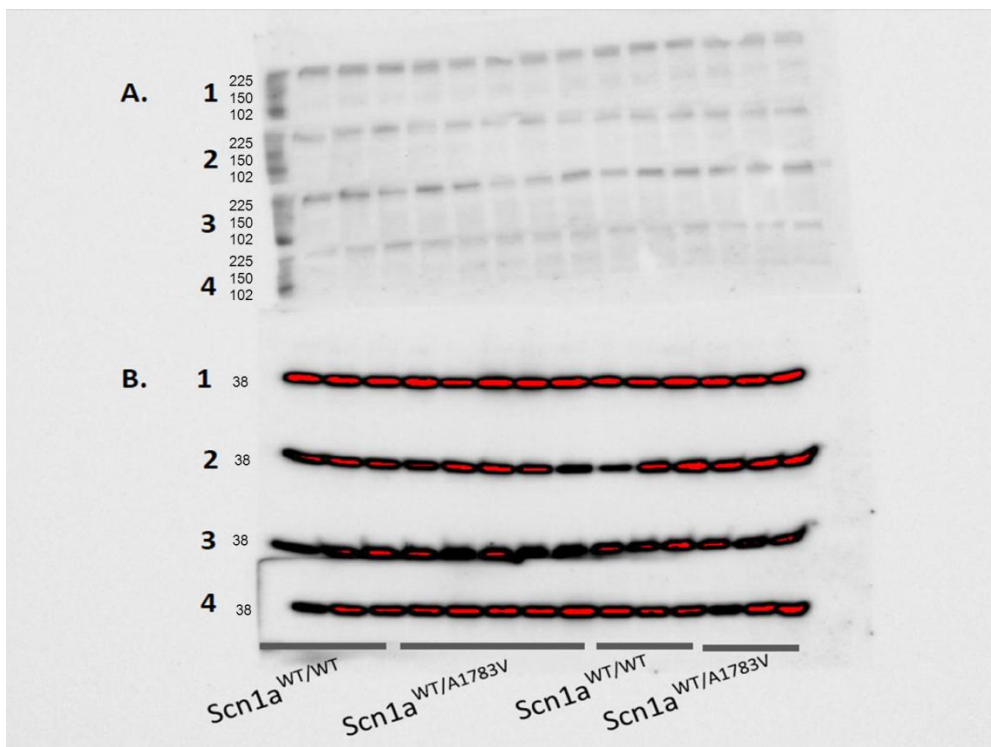
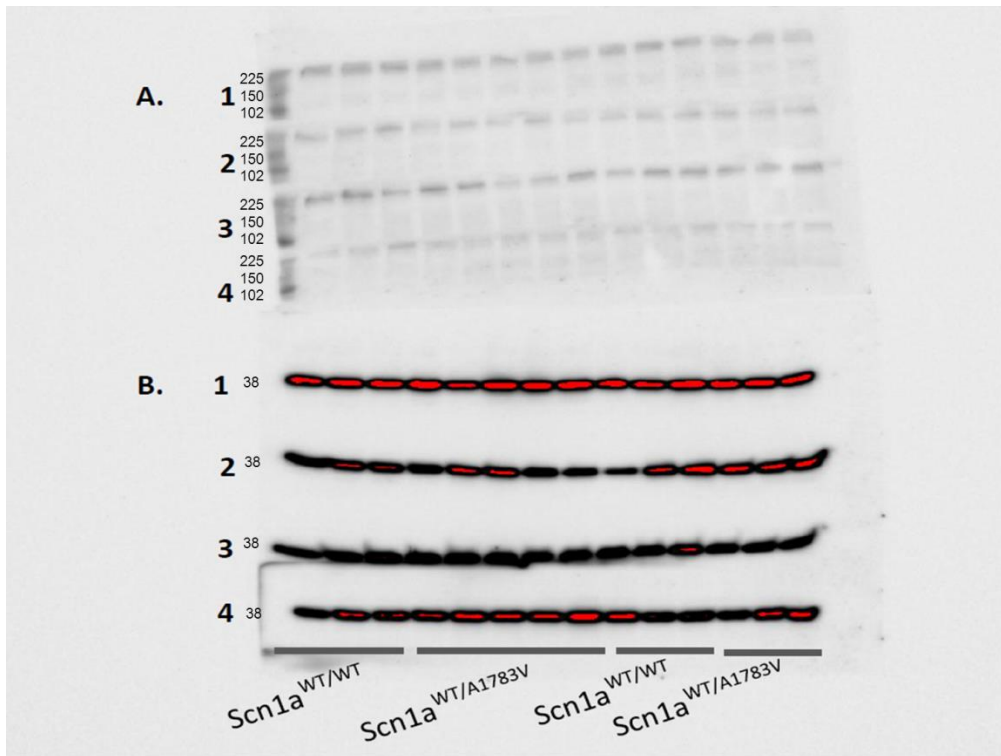




*Image employed for the densitometric analysis of GAPDH expression.







*Image employed for the densitometric analysis of Nav1.1 expression.