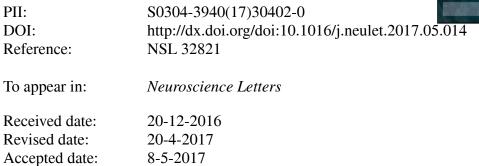
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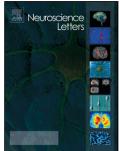
Title: Recent advances in epilepsy genetics

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## ACCEPTED MANUSCRIPT

#### MINIREVIEW

Neuroscience Letters

Recent advances in epilepsy genetics

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Highlights:

- 1: Several genetic tests are available for diagnostic purposes in epilepsy patients
- 2: Next-generation sequencing is revealing novel epilepsy genes
- 3: The identification of the genetic atiology may improve epilepsy treatment

#### ABSTRACT

In last few years there has been rapid increase in the knowledge of epilepsy genetics. Nowadays, it is estimated that genetic epilepsies include over than 30 % of all epilepsy syndromes. Several genetic tests are now available for diagnostic purposes in clinical practice. In particular, next-generation sequencing has proven to be effective in revealing gene mutations causing epilepsies in up to a third of the patients. This has lead also to functional studies that have given insight into disease pathophysiology and consequently to Download English Version:

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