**Supplementary Table 2. Clinical features of individuals with homozygous variant c.1287+5G>A in TRAPPC11.**

Abbreviations: M = male; F = female; y = years; IU = International Units; FM-IA = Focal motor with impaired awareness seizure; FNM-IA = Focal non-motor with impaired awareness seizure; FBTC = Focal onset to bilateral tonic-clonic seizure; GM = Generalized onset myoclonic seizures; GT = Generalized onset tonic seizures; BTC = Bilateral tonic-clonic seizures; SW = Spike-waves; NA/NP = Not available/Not performed.

<table>
<thead>
<tr>
<th>Ind</th>
<th>Fam</th>
<th>Sex</th>
<th>Age last exam</th>
<th>Intellectual disability</th>
<th>CK (IU)</th>
<th>Muscle weakness</th>
<th>Muscle biopsy</th>
<th>Movement disorder</th>
<th>Seizure onset</th>
<th>Infection-related seizures</th>
<th>Seizure types</th>
<th>Status epilepticus</th>
<th>Epilepsy course (Brodie class)</th>
<th>Current antiseizure medication</th>
<th>EEG</th>
<th>Brain MRI</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>F</td>
<td>13-16y</td>
<td>Yes (severe)</td>
<td>300-600</td>
<td>Yes</td>
<td>Not performed</td>
<td>No</td>
<td>6 m</td>
<td>Yes</td>
<td>BTC + GT</td>
<td>No</td>
<td>A</td>
<td>LEV</td>
<td>Normal background. Multifocal spikes, sharp, slow and SW, mainly left centro-parieto-temporal.</td>
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<td>2</td>
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<td>F</td>
<td>9-12y</td>
<td>Yes (severe)</td>
<td>300-1100</td>
<td>Yes</td>
<td>Not performed</td>
<td>Yes</td>
<td>6 m</td>
<td>Yes</td>
<td>FM-IA + FNM-IA + FBTC</td>
<td>Yes (several status with fever)</td>
<td>C</td>
<td>LEV</td>
<td>Normal background. Focal sharp waves in right fronto-temporal.</td>
<td>Generalized decrease in cortico-subcortical volume.</td>
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<tr>
<td>3</td>
<td>2</td>
<td>M</td>
<td>17-20y</td>
<td>Yes (moderate)</td>
<td>500-1400</td>
<td>Yes</td>
<td>Not performed</td>
<td>Yes</td>
<td>4 m</td>
<td>Yes</td>
<td>BTC + FBTC + FM-IA</td>
<td>Yes (febrile status epilepticus)</td>
<td>C</td>
<td>LEV + OXC</td>
<td>Normal background. Multifocal SW, mainly left parieto-temporal.</td>
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<td>4</td>
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<td>5-8y</td>
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<td>500-800</td>
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<td>Yes (moderate-severe)</td>
<td>300-500</td>
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<td>Yes</td>
<td>14 m</td>
<td>Yes</td>
<td>FBTC + BTC</td>
<td>Yes (Febrile status epilepticus)</td>
<td>B</td>
<td>LTG + VPA + CLB</td>
<td>Slow background. Multifocal SWs, mainly left parieto-occipital and right parieto-temporal.</td>
<td>Generalized decrease in cortico-subcortical volume.</td>
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<tr>
<td>6</td>
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<td>13-16y</td>
<td>Yes (moderate-severe)</td>
<td>450</td>
<td>Yes</td>
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<td>No epilepsy</td>
<td>Generalized decrease in cortico-subcortical volume.</td>
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<td>Yes (mild)</td>
<td>NA/NP</td>
<td>Yes</td>
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<td>Yes</td>
<td>No epilepsy</td>
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<td>Yes</td>
<td>6 m</td>
<td>Yes</td>
<td>BTC</td>
<td>A</td>
<td>LEV</td>
<td>Normal background. Multifocal SWs, mainly frontal. No photosensitivity.</td>
<td>Generalized decrease in cortico-subcortical volume.</td>
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<td>350-750</td>
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<td>15 m</td>
<td>No</td>
<td>BTC</td>
<td>No</td>
<td>C</td>
<td>LEV</td>
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<td>Periventricular leukomalacia (history of prematurity)</td>
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<td>21-24y</td>
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<td>Yes</td>
<td>7y</td>
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<td>B</td>
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<td>Slow background. Some EEG with multifocal activity: spikes in the right centrotemporal region and left centrotemporal region.</td>
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<td>700-1000</td>
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<td>C</td>
<td>VPA + OXC</td>
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