|  |  |  |  |
| --- | --- | --- | --- |
|  | Gene | Classification | Disease |
| 1 | SCN1A | VUS/LP | DS |
| 2 | SCN1A | P | DS |
| 3 | SCN1A | P | Complicated febrile convulsion |
| 4 | SCN1A | LP | DS |
| 5 | SCN1A | LP | GEFS+ |
| 6 | SCN1A | VUS/LP | GEFS+ |
| 7 | SCN1A | P | DEE |
| 8 | SCN1A | P | DS |
| 9 | SCN1A | LP | DS |
| 10 | SCN1A | P | DS |
| 11 | SCN1A | P | GEFS+ |
| 12 | SCN4A | LP | SCN4A-associated myotonia |
| 13 | SCN8A | P | epilepsy |
| 14 | SCN9A | VUS/LB | DEE |
| 15 | SCN3A | VUS/LB | DEE |
| 16 | SCN3A | VUS/LB | DEE |
| 17 | SCN1A | VUS/LB/B | DS |
| 18 | SCN1B | VUS/LB | GEFS+ |
| 19 | SCN1B | B | DEE |
| 20 | SCN1A | P | DS |
| 21 | SCN1A | P | DS |
| 22 | SCN1A | P | DS |

Figure 1:

VUS: Variant of Uncertain Significance

P:Pathogenic

LP:Likely Pathogenic

B:Benign

LB: Likely Benign

DS:Dravet Syndrome

GEFS+: Genetic Epilepsy with Febrile Seizures plus

DEE: Developmental and Epileptic Encephalopathy