Table S1. Twenty-eight rare epilepsies in this study

Rare Epilepsy	**Abbreviation**
Aicardi syndrome plus seizures/epilepsy	-
Alpers disease	-
Angelman syndrome plus seizures/epilepsy	-
CDKL5	-
Developmental/epileptic encephalopathy with spike-and-wave activation in sleep and/or continuous spikes and waves during sleep	D/EE-SWAS and/or CSWS
Dravet syndrome	-
Dup15q syndrome	-
Early infantile developmental epileptic encephalopathy	EIDEE
Epilepsy in infancy with migrating focal seizures	EIMFS
Epilepsy with myoclonic atonic seizures	EMAS
GLUT1 deficiency	-
Hypothalamic hamartoma with seizures	-
Infantile spasms syndrome	ISS
KCNQ2 plus seizures/epilepsy	-
Lennox-Gastaut syndrome	LGS
Myoclonic epilepsy with ragged-red fibers	-
Neuronal ceroid lipofuscinosis	NCL
PCDH19	-
Phelan-McDermid syndrome plus seizures/epilepsy	-
Prader-Willi syndrome plus seizures/epilepsy	-
Rasmussen syndrome	-
Rett syndrome plus seizures/epilepsy	-
Ring chromosome 14	-
Ring chromosome 20	-
SCN2A plus seizures/epilepsy	-
SCN8A plus seizures/epilepsy	-
Sturge-Weber syndrome plus seizures/epilepsy	-
Tuberous sclerosis complex plus seizures/epilepsy	TSC