

**Supplementary Table S1. Clinical information of the pediatric study cohort used for transcriptomic analysis**

	<b>Diagnosis</b>	<b>Gender</b>	<b>Onset Age (year)</b>	<b>Age At Time of Operation (years)</b>	<b>Seizure Frequency (months)</b>	<b>Area of Resection</b>	<b>Mutation</b>
1	Control	f	NA	0	NA	Cortex	NA
2	Control	m	NA	10	NA	Cortex	NA
3	Control	f	NA	0	NA	Cortex	NA
4	Control	f	NA	2	NA	Cortex	NA
5	Control	f	NA	0	NA	Cortex	NA
6	Control	m	NA	10	NA	Cortex	NA
7	FCD 2b	f	3	9	9	Frontal	MTOR
8	FCD 2b	m	3	5	152	Frontal	MTOR
9	FCD 2b	m	3	5	304	Occipital	NA
10	FCD 2b	m	1	3	152	Parietal	NA
11	FCD 2b	f	4	10	91	Temporal	TSC1
12	FCD 2b	f	0	11	17	Temporal	NA
13	FCD 2b	m	0	6	609	Frontal	NA
14	FCD 2b	m	3	8	913	Parietal	MTOR
15	FCD 2b	f	3	5	122	Temporal	NA
16	FCD 2b	f	1	9	30	Temporal	NA
17	FCD 2b	m	0	2	30	Frontal	NA
18	FCD 2b	f	1	8	30	Frontal	NA
19	FCD 2b	m	0	3	30	Frontal	NA
20	FCD 2b	f	10	10	30	Frontal	NA
21	FCD 2b	f	3	8	609	Occipital	NA
22	FCD 2b	f	0	3	517	Frontal	MTOR
23	FCD 2b	m	3	10	30	Frontal	MTOR
24	FCD 2b	m	1	2	91	Frontal	NA

Abbreviations: m=male; f=female.