

Supporting Information Table S1

		Sampling rate (Hz)	Total number of electrodes	Number of electrodes with high-rate HFOs		Number of electrodes in the resected area*	Resection ratio* (%)	Resected lobes*	Seizure outcome (ILAE)
				Ripples	FRs*				
ES+	1	2000	116	12	12	90	78	FTP	5
	2	1000	120	7	4	42	35	FTP	6
	3	2000	85	28	19	66	78	FTP	1
	4	2000	110	16	39	94	85	FTP	1
	5	1000	96	17	6	59	61	TPO	1
	6	2000	100	4	21	39	39	FTP	5
	7	2000	109	46	32	74	68	FTP	1
	8	2000	88	26	27	44	50	FTP	1
	9	2000	118	28	23	77	65	FTPO	1
	10	2000	121	29	29	65	54	FTO	1
ES-	1	2000	112	13	3	44	39	TP	1
	2	2000	113	40	14	60	53	TP	1
	3	1000	109	7	3	49	45	TPO	4
	4	2000	101	34	9	57	56	FTP	1
	5	2000	93	11	9	35	38	TPO	4
	6	1000	120	13	2	61	51	FTP	1
	7	2000	102	7	4	38	37	FTP	4
	8	2000	95	5	3	34	36	TPO	1
	9	2000	113	30	11	26	23	FTP	1
	10	2000	72	2	40	58	81	FTP	1
	11	1000	113	33	24	47	42	FT	1
	12	2000	118	20	10	45	38	TPO	1
	13	2000	92	9	7	31	34	FT	1
	14	1000	120	3	2	47	39	TO	1

ES, Epileptic spasms; HFOs, high frequency oscillations; FRs, fast ripples; F, Frontal; T, Temporal; P, Parietal; O, Occipital; ILAE, International league against epilepsy; *p<0.05