

Supplementary material

Supplementary table 1

Case No	Age	Gender	Age at seizure onset	Duration of seizures	Seizure frequency score	Age at febrile seizure	Engel Class outcome	HS Type	Average neuronal loss in %	Vascular density per mm ²	Area of hippocampus in mm ²	Hippocampal volume by MRI	IgG score	Albumin score
E1	43	f	26	17	2		NA	1	76.75	8.509	16.923	NA	2	2
E2	24	m	11	13	2		Ia	1	79.75	9.531	16.471	2017	0	0
E3	24	m	5	19	1		Ia	1	81.75	8.047	24.481	2590.75	3	2
E4	24	f	11	14	2		Ia	1	76.5	9.630	18.587	3343	3	3
E5	23	f	12	11	3		Ia	1	79.5	8.573	24.261	NA	0	1
E6	21	f	12	9	2	3	Ia	1	94	9.215	10.092	NA	1	1
E7	39	m	13	26	3		Ia	1	76.5	10.83	19.471	2202.75	0	1
E8	34	m	3	31	1	0.7	Ia	1	80.25	8.302	25.053	3007	0	0
E9	22	f	8	14	4		Ia	1	76.5	8.853	23.042	NA	0	1
E10	9	m	7	2	5		Ia	1	77.25	8.335	20.514	3376	1	1
E11	7	m	0.9	6	3		Ia	1	66.75	8.935	16.228	873	2	2
E12	32	f	12	20	3		Ia	1	84.25	7.830	17.369	NA	0	0
E13	37	m	8	29	4	0.8	Ia	1	84.75	9.942	16.293	NA	0	0
E14	31	m	15	26	1	0.9	Ia	1	87.5	7.381	22.354	2771	2	1
E15	29	f	16	13	1		Ia	1	90.25	7.951	18.989	2221.48	3	3
E16	19	m	8	11	3		Ia	1	77.5	7.445	24.847	2890	2	2
E17	19	f	0.6	18	1		Ia	1	84.5	7.612	15.5	NA	2	2
E18	38	m	22	16	1		Ia	1	89	9.765	20.481	1669	0	1
E19	21	f	0.8	20	2		NA	1	86.25	9.817	19.149	2652.28	0	1
E20	32	f	25	11	4		Ia	2	37.5	9.140	25.382	1941	3	3
E21	24	m	4	20	2		Ia	1	79.75	6.465	22.581	3186	2	2
E22	22	f	5	17	1		Ia	1	86.75	7.932	24.455	2832	1	2
E23	33	f	0.5	32	1		Ia	1	92.25	9.294	22.81	2261	1	1
E24	24	f	15	9	5	3	Ia	2	36.25	11.48	13.5	NA	3	3
E25	27	m	13	14	1		Ic	1	88.75	9.793	22.157	886	2	2

E26	16	f	0.3	15	3		Ia	3	27.5	8.045	27.841	2581.88	2	2
E27	18	m	15	3	2		NA	1	82.75	8.291	26.654	NA	1	1
E28	32	m	11	21	1		Ia	1	92.75	8.692	24.503	1780	2	2
E29	25	m	14	11	2	0.5	Ia	1	75	7.932	27.482	3121	1	1
E30	41	m	32	10	2		Ia	1	86.5	7.856	25.84	2564	1	2
C1	32	m								6.016	47.371		0	0
C2	26	m								6.371	24.953		0	0
C3	45	m								7.648	27.848		0	0
C4	40	m								6.974	36.849		0	0
C5	25	m								9.186	27.104		0	0
C6	45	m								8.566	33.502		0	0
C7	40	m								6.081	32.229		0	0
C8	30	m								9.871	22.894		0	0
C9	6	m								6.579	38.758		0	0
C10	29	m								10.25	27.013		0	0
C11	26	m								7.828	25.932		0	0
C12	7	m								6.671	38.224		0	0
C13	20	m								8.987	33.381		0	0
C14	37	f								7.377	22.229		0	0
C15	24	m								6.146	29.124		0	0
C16	40	m								8.718	18.238		0	0
C17	35	f								8.943	25.718		0	0
C18	18	m								7.351	25.572		0	0
C19	21	m								9.237	24.249		0	0
C20	28	m								8.742	23.105		0	0
C21	40	m								8.374	20.539		0	0
C22	32	m								6.691	26.601		0	0
C23	24	m								9.681	24.582		0	0
C24	65	m								8.794	28.54		0	0
C25	40	m								7.660	26.369		0	0
C26	25	m								8.089	28.431		0	0
C27	45	m								6.323	28.466		0	0
C28	28	m								8.678	27.078		0	0
C29	25	m								9.615	25.791		0	0

Epileptic
Disorders

C30	30	m								6.737	29.834		0	0
-----	----	---	--	--	--	--	--	--	--	-------	--------	--	---	---

C: control, E: epilepsy, F: female, M: male, NA: not available.

Epileptic
Disorders