

Table S1—Clinical characteristics, ancillary test results, and sleep symptoms in our Creutzfeldt-Jakob disease cohort.

Patient ID	Age – Sex	Clinical Signs and Symptoms	CSF Biomarkers (tau in pg/mL)	Typical MRI	EEG PSWC	Biochemical Subtype	Sleep Signs and Symptoms	BMI
1	66 – Female	RPD; C; P/E; AM; M	Tau = 440; 14-3-3 -	N/A	-	MV1-2	H	N/A
2	76 – Male	RPD; AM; HC	N/A	+	+	MM1	None	42
3	61 – Female	RPD; C	Tau = 4,692; 14-3-3 +	+	-	VV1-2	I	31
4	60 – Male	RPD; C; P/E; M	Tau = 3,371; 14-3-3 +	N/A	-	VV1-2	PLM; P	37
5	61 – Male	RPD; C; V; M; HC	N/A	+	-	MM1	H; I; P	25
6	60 – Female	RPD; C; P/E; AM; M	Tau = 9,324; 14-3-3 +	+	+	MM1	PLM	26
7	70 – Female	RPD; C; P/E; M; HC	Tau = 2,170; 14-3-3 +	+	-	MM1	I	24
8	74 – Male	RPD; C; P/E; AM; V; M; HC	Tau = 2,029; 14-3-3 +	+	-	PSPr-VV	H; P	21
9	68 – Female	RPD; C; P/E; V; HC	Tau = 2,371; 14-3-3 -	+	+	MM2	H	32
10	46 – Male	RPD; C; P/E; AM; V; M	Tau = 6,230; 14-3-3 +	+	+	E200K-MM	None	17
11	52 – Male	RPD; P/E; AM	Tau = 5,373; 14-3-3 +	+	-	MM1	PLM	30
12	61 – Male	RPD; C; P/E; HC	N/A	+	+	MM1	I	42
13	66 – Female	RPD; C; P/E; AM; V	Tau = 8,155; 14-3-3 -	+	N/A	MM1	None	25
14	72 – Female	RPD; C; P/E; V; M	Tau = 3,135; 14-3-3 +	-	-	MM1	I	39
15	61 – Female	RPD; C; P/E; AM; M	Tau = 9,157; 14-3-3 +	+	+	MM1	H	24
16	53 – Female	RPD; C; P/E; AM; M; HC	Tau = 4,743; 14-3-3 +	+	+	MM1	I; P	44
17	63 – Male	RPD; C; P/E	Tau = 702; 14-3-3 -	+	-	MV1-2	H; PLM	26
18	68 – Male	RPD; C; P/E; M	Tau = 5,760; 14-3-3 +	+	-	VV1-2	P	35
19	52 – Female	RPD; C; P/E; HC	Tau = 792; 14-3-3 -	+	+	MM2	H	33
20	62 – Female	RPD; C; P/E; AM; M; HC	Tau = 3,879; 14-3-3 +	+	+	MM1	H; I	N/A
21	68 – Male	RPD; ; P/E; AM; M; HC	Tau = 1,069; 14-3-3 -	N/A	-	MM1-2	H; P	22
22	70 – Male	RPD; ; P/E; M; HC	Tau = 4,223; 14-3-3 +	+	+	MM1	H; PLM	28
23	74 – Male	RPD; C; P/E	Tau = 5,642; 14-3-3 +	-	-	VV2	I	22
24	42 – Male	RPD; C; P/E; M	Tau = 1,691; 14-3-3 -	+	-	VV1	I; PLM; P	24
25	73 – Female	RPD; C; P/E; M	Tau = 2,701; 14-3-3 -	+	-	MV1-2	I; PLM	38
26	61 – Male	RPD; C; P/E; M	Tau = 2,128; 14-3-3 +	+	-	MV1-2	H; I; P	31
27	58 – Female	RPD; C; P/E	N/A	+	-	E200K-MV	I; P	22
28	63 – Male	RPD; C; P/E; V; M	Tau = 2,818; 14-3-3 +	+	-	VV2	I	29

AM, akinetic mutism; BMI, body mass index; C, cerebellar; CSF, cerebrospinal fluid; EEG, electroencephalogram; H, hypersomnia; HC, high cortical; I, insomnia; M, myoclonus; MRI, magnetic resonance imaging; P, parasomnia; P/E, pyramidal/extrapyramidal; PLM, periodic limb movements; PSG, polysomnogram; PSWC, periodic sharp wave complexes; RPD, rapidly progressive dementia; V, visual.

Table S2—PSWC on routine electroencephalography compared with PSWC on electroencephalography during polysomnography.

	PSG PSWC Present	PSG PSWC Absent
Routine EEG PSWC Present	2	3
Routine EEG PSWC Absent	0 ^a	7

^aTwo patients who underwent PSG did not have full montage EEG performed during their studies. EEG, electroencephalography; PSG, polysomnography; PSWC, positive sharp wave complexes.