

Additional file 4: Table S4. Sample size calculation based on the observed mean decline (Mean Decl.) in the FTLD-CDR score within one year. Percent values indicate a reduction of cognitive decline, the required number of cases per group (N p Group) correspond to verum and placebo. The power was set to 80%, the alpha error level to 5% for the use of a unpaired t-Test. nfvPPA (N=15), svPPA (N=11), lvPPA (N=9)

	FTLD-CDR							
	PPA all		nfvPPA		svPPA		lvPPA	
	Mean Decl.	N p Group	Mean Decl.	N p Group	Mean Decl.	N p Group	Mean Decl.	N p Group
10%	0.23	2310	0.19	1436	0.31	1879	0.21	4496
20%	0.47	578	0.39	359	0.62	470	0.42	1124
30%	0.70	257	0.58	160	0.93	209	0.63	500
40%	0.94	145	0.77	90	1.24	118	0.84	281
50%	1.17	93	0.97	58	1.55	76	1.06	180
60%	1.40	65	1.16	40	1.85	53	1.27	125
70%	1.64	48	1.35	30	2.16	39	1.48	92
80%	1.87	37	1.54	23	2.47	30	1.69	71
90%	2.11	29	1.74	18	2.78	24	1.90	56
100%	2.34	24	1.93	15	3.09	19	2.11	45