Supplementary table 1. USF1 SNPs and haplotypes and their association with SP type and NFT prevalence (APOE4 carriership and age as covariates).

	rs10908821				rs2073658				rs2774276				rs2516839				rs1556259				rs2774279			
	Aff. (%) CC*/G+	OR	CI	*p*	Aff. (%) CC*/T+	OR	CI	*p*	Aff. (%) CC*/G+	OR	CI	*p*	Aff. (%) TT*/C+	OR	CI	*p*	Aff. (%) AA*/G+	OR	CI	*p*	Aff. (%) CC*/T+	OR	CI	*p*
SP	115(28.9)/47(36.2)	1.48	0.91-2.40	NS	65(30.1)/97(31.0)	1.08	0.71-1.66	NS	89(29.9)/74(31.5)	1.20	0.79-1.83	NS	61(30.0)/101(31.0)	1.15	0.74-1.77	NS	124(31.2)/37(28.2)	0.96	0.58-1.58	NS	93(31.4)/69(29.9)	0.83	0.54-1.28	NS
Non neuritic	37(9.4)/13(10.2)	1.16	0.58-2.30	NS	20(9.4)/31(10.0)	1.19	0.65-2.19	NS	25(8.4)/26(11.3)	1.34	0.74-2.43	NS	17(8.4)/33(10.3)	1.23	0.65-2.31	NS	38(9.7)/13(10.0)	1.07	0.59-1.93	NS	31(10.6)/19(8.4)	0.71	0.38-1.31	NS
Neuritic	74(18.8)/27(21.3)	1.18	0.66-2.10	NS	37(17.5)/63(20.3)	1.29	0.77-2.16	NS	61(20.6)/40(17.4)	0.91	0.55-1.52	NS	43(21.3)/58(18.1)	0.88	0.53-1.46	NS	77(19.6)/22(16.9)	0.81	0.42-1.58	NS	58(19.8)/43(18.9)	0.81	0.49-1.35	NS
Diffuse	14(3.6)/4(3.1)	0.94	0.30-2.94	NS	9(4.2)/10(3.2)	0.85	0.33-2.15	NS	6(2.0)/13(5.7)	2.76	1.02-7.45	0.045	4(2.0)/14(4.4)	2.19	0.70-6.82	NS	14(3.6)/5(3.8)	1.09	0.38-3.12	NS	10(3.4)/8(3.5)	0.94	0.36-2.44	NS
Primitive	23(5.8)/9(7.1)	1.29	0.57-2.94	NS	11(5.2)/21(6.8)	1.47	0.68-3.18	NS	19(6.4)/13(5.7)	0.89	0.42-1.87	NS	13(6.4)/19(5.9)	0.93	0.44-1.96	NS	24(6.1)/8(6.2)	1.04	0.45-2.43	NS	21(7.2)/11(4.8)	0.60	0.28-1.29	NS
Classic	57(14.5)/19(15.0)	1.10	0.58-2.06	NS	26(12.3)/50(16.1)	1.46	0.83-2.57	NS	48(16.2)/29(12.6)	0.83	0.48-1.45	NS	34(16.8)/42(13.1)	0.81	0.47-1.41	NS	58(14.8)/18(13.8)	0.99	0.52-1.88	NS	44(15.0)/32(14.1)	0.79	0.45-1.36	NS
Burnt out	17(4.3)/8(6.3)	1.48	0.58-3.79	NS	11(5.2)/13(4.2)	0.87	0.36-2.11	NS	13(4.4)/11(4.8)	1.21	0.50-2.92	NS	9(4.5)/16(5.0)	1.11	0.45-2.73	NS	19(4.8)/4(3.1)	0.62	0.19-1.99	NS	14(4.8)/11(4.8)	0.90	0.38-2.14	NS
Cerad ≤1.5%	58(14.6)/21(16.2)	1.31	0.73-2.37	NS	33(15.3)/47(15.0)	1.06	0.63-1.78	NS	44(14.8)/36(15.3)	1.13	0.68-1.90	NS	30(14.8)/49(15.0)	1.10	0.65-1.87	NS	59(14.8)/20(15.3)	1.07	0.59-1.93	NS	45(15.2)/34(14.7)	0.86	0.51-1.45	NS
Cerad >1.5%	57(14.3)/26(20)	1.70	0.93-3.11	NS	32(14.8)/50(16.0)	1.11	0.64-1.93	NS	45(15.1)/38(16.2)	1.32	0.76-2.27	NS	31(15.3)/52(16.0)	1.20	0.69-2.10	NS	65(16.3)/17(13.0)	0.81	0.42-1.58	NS	48(16.2)/35(15.2)	0.80	0.46-1.39	NS
NFT	145(42.6)/44(41.1)	0.81	0.49-1.34	NS	75(40.5)/114(43.2)	1.18	0.76-1.82	NS	109(43.8)/83(40.7)	0.87	0.56-1.33	NS	73(44.0)/116(41.1)	0.97	0.62-1.51	NS	143(42.7)/45(39.5)	1.03	0.63-1.70	NS	105(41.2)/84(44.0)	1.11	0.72-1.70	NS

	Haplotype 2 (CCCTAT)				Haplotype 3 (CCCCGC)				Haplotype 4 (CCGCAC)				Haplotype 5 (CTCTAC)				Haplotype 7 (GCGCAC)			
	Aff. (%) H2-*/H2+	OR	CI	*p*	Aff. (%) H3-*/H3+	OR	CI	*p*	Aff. (%) H4-*/H4+	OR	CI	*p*	Aff. (%) H5-*/H5+	OR	CI	*p*	Aff. (%) H7-*/H7+	OR	CI	*p*
SP	103(32.3)/69(29.5)	0.80	0.53-1.22	NS	133(31.7)/39(29.1)	0.10	0.61-1.63	NS	139(32.3)/33(27.0)	0.82	0.50-1.35	NS	67(30.3)/105(31.6)	1.09	0.71-1.66	NS	123(29.4)/49(36.3)	1.53	0.95-2.45	NS
Non neuritic	37(11.1)/19(8.3)	0.65	0.36-1.18	NS	43(10.0)/13(9.8)	1.02	0.52-2.01	NS	42(9.5)/14(11.7)	1.12	0.58-2.17	NS	20(9.2)/36(10.4)	1.29	0.71-2.34	NS	42(9.7)/14(10.6)	1.17	0.6-2.27	NS
Neuritic	65(19.5)/43(18.7)	0.82	0.5-1.34	NS	84(19.5)/24(18.0)	1.00	0.56-1.81	NS	91(20.5)/17(14.2)	0.71	0.38-1.32	NS	39(18.0)/69(19.9)	1.21	0.73-1.99	NS	80(18.5)/28(21.2)	1.24	0.71-2.20	NS
Diffuse	13(3.9)/8(3.5)	0.79	0.32-1.96	NS	16(3.7)/5(3.8)	1.04	0.37-2.94	NS	13(2.9)/8(6.7)	2.06	0.82-5.17	NS	9(4.1)/12(3.5)	0.94	0.38-2.31	NS	16(3.7)/5(3.8)	1.09	0.39-3.08	NS
Primitive	24(7.2)/11(4.8)	0.57	0.27-1.22	NS	27(6.3)/8(6.0)	1.01	0.44-2.34	NS	29(6.5)/6(5.0)	0.70	0.28-1.75	NS	11(5.1)/24(6.9)	1.57	0.74-3.34	NS	26(6.0)/9(6.8)	1.22	0.54-2.74	NS
Classic	51(15.3)/32(13.9)	0.77	0.45-1.32	NS	65(15.1)/18(13.5)	0.99	0.52-1.87	NS	72(16.2)/11(9.2)	0.57	0.28-1.17	NS	27(12.4)/56(16.1)	1.41	0.81-2.44	NS	63(14.6)/20(15.2)	1.15	0.62-2.14	NS
Burnt out	14(4.2)/11(4.8)	1.01	0.43-2.39	NS	19(4.4)/6(4.5)	1.05	0.38-2.88	NS	19(4.3)/6(5.0)	1.32	0.48-3.64	NS	12(5.5)/13(3.7)	0.73	0.31-1.73	NS	17(3.9)/8(6.1)	1.63	0.64-4.15	NS
Cerad ≤1.5%	51(16.2)/34(14.5)	0.78	0.47-1.29	NS	64(15.4)/21(15.7)	1.07	0.60-1.91	NS	67(15.7)/18(14.8)	0.86	0.47-1.56	NS	33(14.9)/52(15.9)	1.16	0.70-1.94	NS	63(15.2)/22(16.3)	1.29	0.73-2.30	NS
Cerad >1.5%	50(15.9)/35(15.0)	0.81	0.47-1.39	NS	67(16.1)/18(13.4)	0.87	0.45-1.68	NS	70(16.4)/15(12.3)	0.79	0.41-1.54	NS	34(15.4)/51(15.5)	1.03	0.60-1.78	NS	58(14.0)/27(20.0)	1.82	0.99-3.32	0.050
NFT	119(41.0)/85(43.8)	1.13	0.74-1.71	NS	157(42.8)/47(40.2)	1.07	0.66-1.74	NS	162(43.5)/42(37.5)	0.77	0.48-1.25	NS	78(41.4)/126(42.9)	1.12	0.73-1.70	NS	157(42.2)/47(42.0)	0.92	0.56-1.49	NS

*denotes the most common haplotype/homozygous genotype acting as the reference group in the analyses. Aff.(%) refers to number of individuals affected with SP/NFT.

USF1 − upstream transcription factor 1 gene, SNPs − single nucleotide polymorphisms, SP − senile plaques, NFT − neurofibrillary tangles, APOE4 − Apolipoprotein E ε4, OR − odds ratio, CI − confidence interval, *p* − p-value, NS − non significant p-value