

**Supplementary Table S10.** Association between *ADIPOQ* polymorphisms and age of AD onset in LOAD patients.

<i>ADIPOQ</i> SNPs	Age of Disease Onset (Years) <sup>a</sup>			Genetic Model	<i>p</i> <sub>adj</sub> -Value <sup>b</sup>	Δ (95% CI) <sup>b</sup>
	1/1	1/2	2/2			
rs822387 T>C	75.26 ± 6.29	73.91 ± 7.05	70.67 ± 6.03	Log-additive	0.13	-1.32 (-3.03 – 0.39)
rs860291 C>T	74.80 ± 6.29	75.95 ± 6.74	77.25 ± 7.04	Log-additive	0.12	1.12 (-0.28 – 2.53)
rs17300539 G>A	75.10 ± 6.33	74.90 ± 6.89	70.00 ± 0.00	Log-additive	0.80	-0.24 (-2.04 – 1.56)
rs266729 C>G	75.25 ± 6.57	74.76 ± 6.37	75.28 ± 5.44	Over-dominant	0.75	-0.21 (-1.50 – 1.08)
rs182052 G>A	75.03 ± 6.95	74.89 ± 6.02	75.66 ± 6.04	Recessive	0.47	0.64 (-1.10 – 2.37)
rs822393 C>T	74.93 ± 6.78	75.09 ± 5.95	75.76 ± 5.72	Recessive	0.50	0.77 (-1.46 – 3.00)
rs822395 A>C	75.19 ± 5.96	74.99 ± 6.74	74.85 ± 6.74	Log-additive	0.91	-0.05 (-0.97 – 0.87)
rs822396 A>G	74.90 ± 6.36	75.24 ± 6.65	76.50 ± 4.80	Log-additive	0.28	0.63 (-0.50 – 1.76)
rs7627128 C>A	75.22 ± 6.57	74.70 ± 6.02	74.70 ± 5.81	Log-additive	0.48	-0.43 (-1.62 – 0.77)
rs2036373 T>G	75.14 ± 6.30	74.43 ± 7.19	-	-	0.36	-0.93 (-2.94 – 1.07)
rs17366568 G>A	75.33 ± 6.12	74.03 ± 7.07	75.00 ± 11.66	Over-dominant	0.15	-1.15 (-2.69 – 0.39)
rs17846866 T>G	75.18 ± 6.27	74.36 ± 7.08	-	-	0.41	-0.74 (-2.51 – 1.03)
rs2241766 T>G	74.99 ± 6.45	75.23 ± 6.27	77.25 ± 5.06	Recessive	0.58	1.75 (-4.41 – 7.92)
rs1501299 G>T	75.19 ± 6.46	74.71 ± 6.33	76.09 ± 6.38	Over-dominant	0.33	-0.63 (-1.89 – 0.64)
rs2241767 A>G	74.97 ± 6.48	75.49 ± 6.14	73.00 ± 0.00	Over-dominant	0.52	0.51 (-1.05 – 2.07)
rs3821799 C>T	74.57 ± 6.07	75.42 ± 6.66	74.89 ± 6.21	Over-dominant	0.20	0.83 (-0.43 – 2.08)
rs3774261 G>A	74.65 ± 6.49	75.51 ± 6.44	74.63 ± 6.06	Over-dominant	0.20	0.82 (-0.43 – 2.07)
rs1063539 G>C	74.83 ± 6.43	75.88 ± 6.27	76.33 ± 5.77	Log-additive	0.23	0.88 (-0.56 – 2.31)

<sup>a</sup>Age of onset is expressed as mean ± standard deviation. <sup>b</sup>Linear regression analysis was adjusted for sex, *APOE* ε4 carrier status, hypertension, type 2 diabetes mellitus, and body mass index. Difference (Δ) in age of onset, 95% CI and *p*-values are shown for the best genetic model with the lowest Akaike information (AIC). 1/1: major allele homozygotes; 1/2: heterozygotes; 2/2: minor allele homozygotes; *ADIPOQ*: adiponectin gene; *APOE*: apolipoprotein E gene; LOAD: late-onset Alzheimer's disease; SNP: single nucleotide polymorphism.