

Supplementary Tables and Figures

Table S1. Variants associated with early onset Alzheimer’s Disease (EOAD). The variants for EOAD are given for the *PSEN1*, *PSEN2* and *APP* genes¹. All are pathogenic variants unless indicated otherwise.

Gene	Variants
<i>PSEN1</i>	c.236C>T
	c.360A>T
	c.415A>G
	c.424G>A
	c.436A>G
	c.436A>C
	c.438G>A
	c.466_467insTTATAT
	c.488A>G
	c.497T>C
	c.509C>T
	c.520C>A
	c.617G>C
	c.656T>C
	c.698T>C
	c.737C>A
	c.745A>C
	c.749T>C
	c.796G>A
	c.806G>A
	c.811C>G
	c.833G>T
	c.839A>G
	c.839A>C
	c.869-1624_956-2452del
	c.869-2A>T
	c.869-1G>A
	c.869-1G>T
	c.1229G>A
	c.1292C>A
	c.1307C>A
	c.1318_1320del
	g.(?_73673074)_(73673200_?)del
<i>PSEN2</i>	g.(?_226881888)_(226895599_?)del
	c.254C>T
	c.365C>G

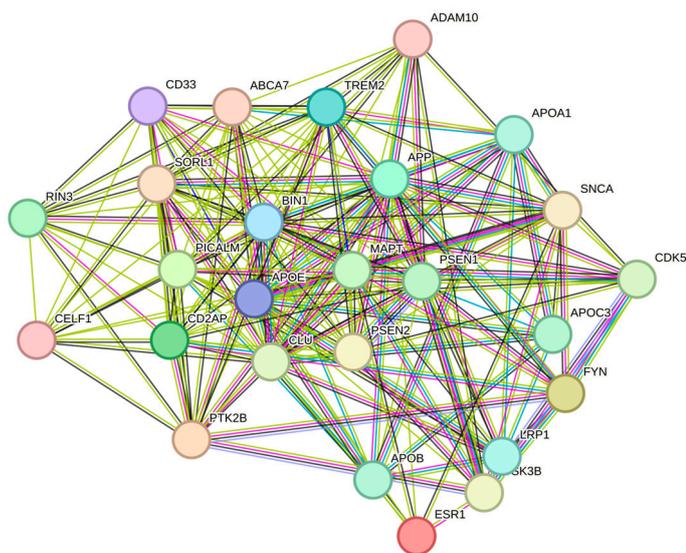


Figure S2. The tau pathway gene network implicated in AD. The nodes depict proteins and the edges show their functional associations (String v10)². Interactions from curated databases are given as blue lines and interactions mentioned in publications are depicted using green lines, while pink lines show experimentally determined interactions and green lines represent proteins in close proximity.

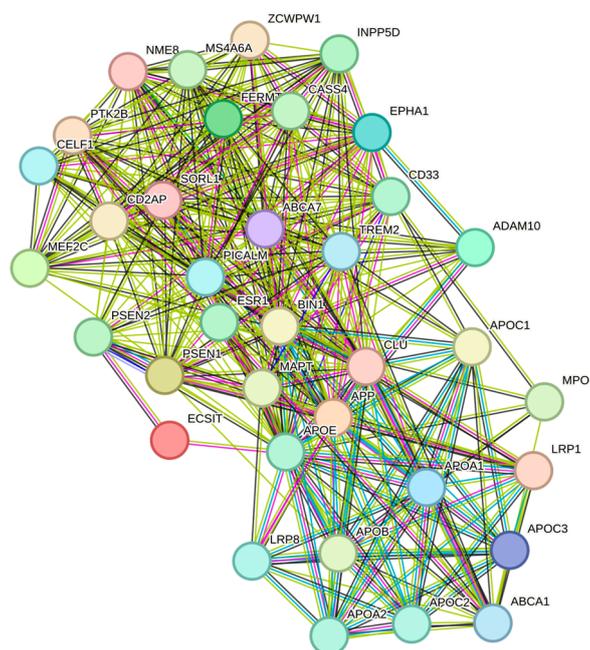


Figure S3. APOE and the lipid metabolism pathway are involved in AD. The nodes show proteins and the lines depict their functional associations (String v10)². Interactions from curated databases are given as blue lines and interactions mentioned in publications are depicted using green lines, while pink lines show experimentally determined interactions and green lines represent proteins in close proximity.

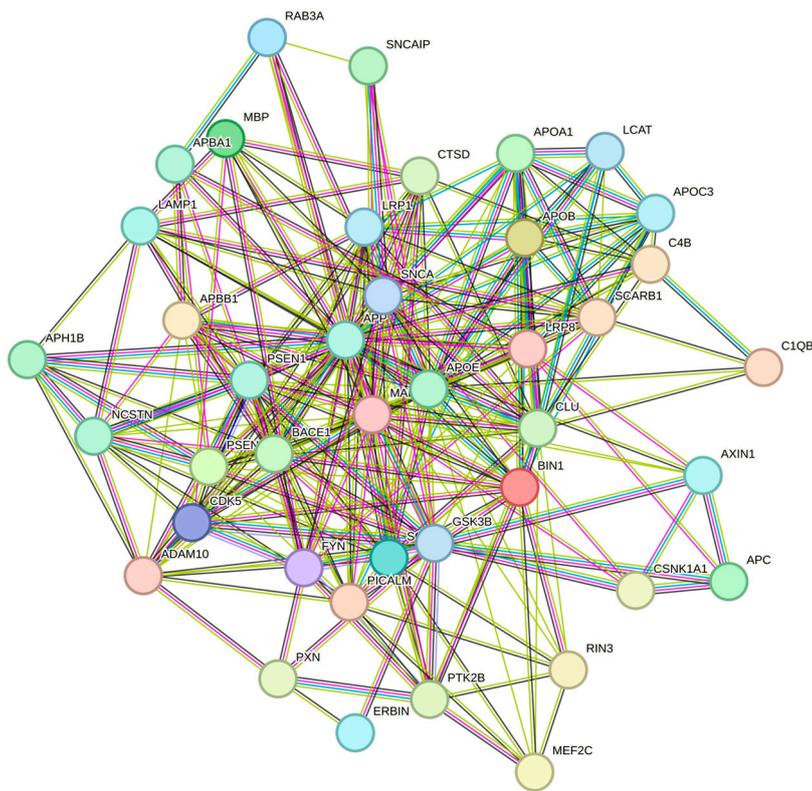


Figure S7. Synapse formation gene network. The nodes represent proteins and the edges represent their functional associations (String v10)². Interactions from curated databases are given as blue lines and interactions mentioned in publications are depicted using green lines, while pink lines show experimentally determined interactions and green lines represent proteins in close proximity.

