

# THE LANCET Neurology

## Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Andrews SJ, Fulton-Howard B, Goate A. Interpretation of risk loci from genome-wide association studies of Alzheimer's disease. *Lancet Neurol* 2020; published online Jan 24. [http://dx.doi.org/10.1016/S1474-4422\(19\)30435-1](http://dx.doi.org/10.1016/S1474-4422(19)30435-1).

Table 1: AD associated loci from recent GWAS

Locus	Study	rsID	chr:pos:ref:alt	LD
1q23.3	J 19	rs4575098	1:161155392:G:A	◆
	L 13	rs6656401	1:207692049:A:G	◆
1q32.2	M 18	rs6656401	1:207692049:A:G	◆
	J 19	rs2093760	1:207786828:A:G	◆
	K 19	rs4844610	1:207802552:A:C	◆
	J 19	rs4663105	2:127891427:A:C	◆
2q14.3	L 13	rs6733839	2:127892810:C:T	◆
	M 18	rs6733839	2:127892810:C:T	◆
	K 19	rs6733839	2:127892810:C:T	◆
	J 19	rs10933431	2:233981912:G:C	◆
2q37.1	K 19	rs10933431	2:233981912:G:C	◆
	L 13	rs35349669	2:234068476:C:T	◆
	M 18	rs35349669	2:234068476:C:T	◆
	J 19	rs184384746	3:57226150:C:T	◆
3p14.3	J 19	rs6448453	4:11026028:A:G	◆
4p16.1	L 13	rs190982	5:88223420:G:A	◆
5q14.3	M 18	rs34855541	6:32559825:A:G	◆
	K 19	rs9271058	6:32575406:A:T	◆
	L 13	rs111418223	6:32578530:C:A	◆
	J 19	rs6931277	6:32583357:A:T	◆
6p21.32	J 19	rs187370608	6:40942196:G:A	◆
	K 19	rs114812713	6:41034000:G:C	◆
	M 18	rs9381040	6:41154650:C:T	◆
	K 19	rs9473117	6:47431284:A:C	◆
6p12.3	M 18	rs9381563	6:47432637:C:T	◆
	J 19	rs9381563	6:47432637:C:T	◆
	L 13	rs10948363	6:47487762:A:G	◆
	L 13	rs2718058	7:37841534:A:G	◆
7p14.1	J 19	rs1859788	7:99971834:A:G	◆
7q22.1	L 13	rs1476679	7:100004446:C:T	◆
	M 18	rs1476679	7:100004446:C:T	◆
	K 19	rs12539172	7:100091795:T:C	◆
	M 18	rs10808026	7:143099133:C:A	◆
7q34-q35	K 19	rs10808026	7:143099133:C:A	◆
	J 19	rs7810606	7:143108158:T:C	◆
	L 13	rs11771145	7:143110762:G:A	◆
	J 19	rs114360492	7:145950029:C:T	◆
7q35	M 18	rs4236673	8:27464929:A:G	◆
	J 19	rs4236673	8:27464929:A:G	◆
	L 13	rs9331896	8:27467686:C:T	◆
	K 19	rs9331896	8:27467686:C:T	◆
10p14	J 19	rs11257238	10:11717397:T:C	◆
	M 18	rs7920721	10:11720308:A:G	◆
	K 19	rs7920721	10:11720308:A:G	◆
11p11.2	K 19	rs3740688	11:47380340:G:T	◆
	M 18	rs12292911	11:47449072:G:A	◆
	L 13	rs10838725	11:47557871:T:C	◆

LD between variants is displayed to show analogous variants in a given locus. Purple squares are the same variant, other pairs of variants on each chromosome arm are represented by squares with a gradient between red ( $R^2 = 1$ ) and white (independent;  $R^2 = 0$ ). chr:pos:ref:alt: Chromosome, base pair position, reference allele and alternate allele from human genome build 19. Study: first initial of first author and two digit year.

Table 1 (contd.)

Locus	Study	rsID	chr:pos:ref:alt	LD
11q12.2	L 13	rs983392	11:59923508:A:G	◆
	K 19	rs7933202	11:59936926:A:C	◆
	J 19	rs2081545	11:59958380:C:A	◆
	M 18	rs1582763	11:60021948:G:A	◆
11q14.2	J 19	rs867611	11:85776544:G:A	◆
	L 13	rs10792832	11:85867875:A:G	◆
	M 18	rs10792832	11:85867875:A:G	◆
	K 19	rs3851179	11:85868640:T:C	◆
11q24.1	L 13	rs11218343	11:121435587:T:C	◆
	M 18	rs11218343	11:121435587:T:C	◆
	J 19	rs11218343	11:121435587:T:C	◆
	K 19	rs11218343	11:121435587:T:C	◆
14q22.1	M 18	rs17125924	14:53391680:A:G	◆
	K 19	rs17125924	14:53391680:A:G	◆
	L 13	rs17125944	14:53400629:T:C	◆
14q32.12	L 13	rs10498633	14:92926952:G:T	◆
	K 19	rs12881735	14:92932828:T:C	◆
	M 18	rs12590654	14:92938855:G:A	◆
	J 19	rs12590654	14:92938855:G:A	◆
15q21.2	M 18	rs59685680	15:51001534:T:G	◆
15q21.3	J 19	rs442495	15:59022615:T:C	◆
	M 18	rs593742	15:59045774:A:G	◆
	K 19	rs593742	15:59045774:A:G	◆
15q22.2	J 19	rs117618017	15:63569902:C:T	◆
16p12.3	K 19	rs7185636	16:19808163:T:C	◆
16p11.2	M 18	rs889555	16:31122571:C:T	◆
	J 19	rs59735493	16:31133100:G:A	◆
16q22.1	M 18	rs4985556	16:70694000:C:A	◆
16q23.2	K 19	rs62039712	16:79355857:G:A	◆
16q23.3	M 18	rs12444183	16:81773209:A:G	◆
17p13.2	M 18	rs7225151	17:5137047:G:A	◆
	J 19	rs113260531	17:5138980:G:A	◆
17q21.33	J 19	rs28394864	17:47450775:G:A	◆
17q22	J 19	rs2526380	17:56398006:C:G	◆
17q23.3	M 18	rs138190086	17:61538148:G:A	◆
	K 19	rs138190086	17:61538148:G:A	◆
18q21.31	J 19	rs76726049	18:56189459:T:C	◆
19p13.3	J 19	rs111278892	19:1039323:C:G	◆
	M 18	rs3752231	19:1043638:C:T	◆
	K 19	rs3752246	19:1056492:G:C	◆
	L 13	rs4147929	19:1063443:A:G	◆
19q13.32	L 13	rs41289512	19:45351516:C:G	◆
	M 18	rs41289512	19:45351516:C:G	◆
	J 19	rs41289512	19:45351516:C:G	◆
	K 19	rs12691088	19:45418486:G:A	◆
19q13.41	J 19	rs3865444	19:51727962:C:A	◆
	M 18	rs12459419	19:51728477:C:T	◆
20q13.2-q13.31	M 18	rs6069736	20:54983075:C:T	◆
	K 19	rs6024870	20:54997568:G:A	◆
	J 19	rs6014724	20:54998544:A:G	◆
	L 13	rs7274581	20:55018260:T:C	◆
21q21.3	K 19	rs2830500	21:28156856:C:A	◆