

Gene	SNP ID	Chr	Position	Function	Alleles	MAF in Caucasians	MAF in African Americans	Reference
CR1	rs6656401	1	207518704	intron variant	A*/G	0.241	YRI: 0.014	IGAP: Lambert et al. 2013
BIN1	rs6733839	2	127135234	5' UTR	T*/C	0.425	YRI: 0.381	IGAP: Lambert et al. 2013
CD2AP	rs10948363	6	47520026	intron variant	G*/A	0.280	YRI: 0.123	IGAP: Lambert et al. 2013
EPHA1-AS1	rs11771145	7	143413669	intron variant	A*/G	0.350	YRI: 0.588; ASW: 0.500	IGAP: Lambert et al. 2013
CLU, MIR6843	rs9331896	8	27610169	intron variant	G*/A	0.358	YRI: 0.602; ASW: 0.582	IGAP: Lambert et al. 2013
MS4A6A	rs983392	11	60156035	3' UTR	G*/A	0.467	YRI: 0.009	IGAP: Lambert et al. 2013
PICALM	rs10792832	11	86156833	5' UTR	A*/G	0.417	YRI: 0.051	IGAP: Lambert et al. 2013
ABCA7	rs4147929	19	1063444	intron variant	A*/G	0.192	YRI: 0	IGAP: Lambert et al. 2013
HLA-DRB1-HLA-DQA1	rs9271192	6	32610753	5' UTR	C*/A	0.367	YRI: 0.203	IGAP: Lambert et al. 2013
PTK2B	rs28834970	8	27337604	intron variant	C*/T	0.325	YRI: 0.161	IGAP: Lambert et al. 2013
SORL1	rs11218343	11	121564878	intron variant	C*/T	0.031	YRI: 0.075; ASW: 0.112	IGAP: Lambert et al. 2013
SLC24A4	rs10498633	14	92460608	intron variant	T*/G	0.190	YRI: 0.119; ASW: 0.163	IGAP: Lambert et al. 2013
INPP5D	rs35349669	2	233159830	intron variant	T*/C	0.438	YRI: 0.049; ASW: 0.143	IGAP: Lambert et al. 2013
MEF2C-AS1	rs190982	5	88927603	intron variant	G*/A	0.416	YRI: 0.044; ASW: 0.071	IGAP: Lambert et al. 2013
NME8	rs2718058	7	37801932	5' UTR	G*/A	0.358	YRI: 0.527; ASW: 0.480	IGAP: Lambert et al. 2013
ZCWPW1	rs1476679	7	100406823	intron variant	C*/T	0.319	YRI: 0; ASW: 0.031	IGAP: Lambert et al. 2013
CELF1	rs10838725	11	47536319	intron variant	C*/T	0.325	No information	IGAP: Lambert et al. 2013
FERMT2	rs17125944	14	52933911	intron variant	C*/T	0.080	YRI: 0.062; ASW: 0.082	IGAP: Lambert et al. 2013
CASS4	rs7274581	20	56443204	intron variant	C*/T	0.108	YRI: 0.186	IGAP: Lambert et al. 2013
ABCA7	rs115550680	19	1050421	intron variant	G*/A	No information	YRI: 0.127	ADGC Afr Amer: Reitz et al. 2013 JAMA
N/A	rs145848414	5	174587111	intergenic	A*/G	No information	0.04 (5,896 ADGC Afr Amer)	ADGC Afr Amer: Reitz et al. 2013 JAMA
CR1	rs146366639	1	207527003	intron variant	G*/A	No information	0.26 (5,896 ADGC Afr Amer)	ADGC Afr Amer: Reitz et al. 2013 JAMA
BIN1	rs55636820	2	127054680	intron variant	A*/G	0.083	0.02 (5,896 ADGC Afr Amer)	ADGC Afr Amer: Reitz et al. 2013 JAMA
EPHA1-AS1	rs6973770	7	143427390	intron variant	G*/A	0	0.06 (5,896 ADGC Afr Amer)	ADGC Afr Amer: Reitz et al. 2013 JAMA
CD33	rs114282264	19	51227896	intron variant	C*/T	No information	YRI: 0.025; ADGC AA: 0.03	ADGC Afr Amer: Reitz et al. 2013 JAMA
TREM2	rs75932628	6	41161514	missense (R47H)	T*/C	0.017	No information	Guerrero et al. and Jonsson et al. 2012 NEJM
APOE	rs429358	19	44908684	missense (C->R)	C*/T	0.092	YRI: 0.017 (in pilot low coverage study, YRI: 0.144)	Not necessary
APOE	rs7412	19	44908822	missense (R->C)	T*/C	0.087	YRI: 0.095; ASW: 0.125	Not necessary
PLD3	rs145999145	19	40371688	missense (V232M)	A*/G	0.004 (NHLBI ESP)	No information	Cruchaga et al. 2014 Nature
PLD3	rs4819	19	40378026	synonymous (A442A)	A*/G	0.017	No information	Cruchaga et al. 2014 Nature
PSEN1	rs17125721	14	73206470	missense (E318G)	G*/A	0.017	YRI: 0	Benitez et al. 2013 PLoS Genetics
APP	rs63750264	21	25891784	missense (V717I)	A*/G	rare early onset mutation	No information	AD&F1D Mutation Database (see email from Engelman to Hogan on 03/24/14); Assay design failed because there were 4 alleles
APP	rs63750847	21	25897620	missense (A->T)	A/G (minor unclear)	No information	No information	Hogan chose
TREML2	rs3747742	6	41194780	missense (S144G)	C*/T	0.283	YRI: 0.195; ASW: 0.204	Benitez et al. 2014 Neurobiology of Aging
BDNF	rs6265	11	27658369	missense (V->M)	A*/G	0.195	YRI: 0.004; ASW: 0.041	Okonkwo chose
WWC1 (a.k.a. KIBRA)	rs17070145	5	168418786	intron variant	T*/C	0.319	YRI: 0.659; ASW: 0.571	Okonkwo chose
COMT	rs4680	22	19963748	missense (V->M)	A*/G	0.478	YRI: 0.314; ASW: 0.265	Okonkwo chose
KL (a.k.a. KLOTHO)	rs9536314	13	33054001	missense (V->F)	G*/T	0.168	YRI: 0.143; ASW: 0.214	Okonkwo chose
KL (a.k.a. KLOTHO)	rs9527025	13	33054056	missense (S->C)	C*/G	0.175	YRI: 0.208	Okonkwo chose
Assay design failed.								
Monomorphic								