

Supplementary Table S5. Mixed models regression of geographic atrophy area for incidence cohort according to genotype.

		Change per year in square root of GA area ¹			Change per year in GA area ²		
		Estimate (mm)	95% CI (mm)	p	Estimate (mm ²)	95% CI (mm ²)	p
Overall		0.27 (0.16 DD)	0.25-0.30	<0.0001	1.07 (0.46 DA)	0.97-1.17	<0.0001
rs2740488	0/0	0.30	0.26-0.33	0.19	1.20	1.05-1.134	0.05
ABCA1	0/1	0.25	0.22-0.29		0.95	0.81-1.10	
(0=A, 1=C)	1/1	0.27	0.15-0.38		0.91	0.41-1.41	
rs2043085	0/0	0.31	0.25-0.37	0.14	1.26	0.99-1.53	0.03
LIPC	0/1	0.25	0.21-0.28		0.92	0.77-1.07	
(0=T, 1=C)	1/1	0.29	0.26-0.33		1.16	1.01-1.31	
rs2070895	0/0	0.28	0.25-0.31	0.73	1.11	0.98-1.23	0.41
LIPC	0/1	0.27	0.23-0.31		1.02	0.85-1.20	
(0=G, 1=A)	1/1	0.22	0.05-0.39		0.67	-0.06-1.39	
rs17231506	0/0	0.28	0.24-0.31	0.002	1.11	0.97-1.26	0.003
CETP	0/1	0.31	0.27-0.35		1.18	1.02-1.35	
(0=C, 1=T)	1/1	0.19	0.13-0.24		0.68	0.43-0.92	
rs5817082	0/0	0.26	0.23-0.29	0.18	0.97	0.83-1.10	0.02
CETP	0/1	0.30	0.27-0.34		1.26	1.10-1.43	
(0=C, 1=A)	1/1	0.25	0.16-0.35		0.90	0.50-1.32	
rs429358	0/0	0.28	0.25-0.31	0.37	1.08	0.97-1.20	0.65
APOE (0=T, 1=C)	0/1 & 1/1	0.26	0.21-0.30		1.03	0.83-1.23	
rs73036519	0/0	0.25	0.22-0.28	0.02	0.94	0.80-1.08	0.002
APOE	0/1	0.31	0.28-0.35		1.28	1.13-1.44	
(0=G, 1=C)	1/1	0.24	0.16-0.31		0.82	0.50-1.14	
rs10490924	0/0	0.23	0.19-0.26	0.002	0.84	0.68-1.00	0.0001
ARMS2	0/1	0.29	0.25-0.32		1.12	0.96-1.27	
(0=G, 1=T)	1/1	0.34	0.29-0.39		1.42	1.20-1.65	
rs1061170	0/0	0.35	0.29-0.41	0.03	1.60	1.34-1.86	<0.0001
CFH	0/1	0.26	0.22-0.29		1.01	0.86-1.16	
(0=T, 1=C)	1/1	0.27	0.23-0.30		0.94	0.79-1.09	
rs10922109	0/0	0.26	0.24-0.29	0.14	0.96	0.84-1.08	0.002
CFH	0/1	0.29	0.24-0.33		1.28	1.09-1.47	
(0=C, 1=A)	1/1	0.38	0.26-0.50		1.63	1.12-2.15	
rs61818925	0/0	0.26	0.23-0.29	0.26	0.92	0.79-1.06	0.002
CFH	0/1	0.29	0.25-0.33		1.20	1.03-1.36	
(0=G, 1=T)	1/1	0.30	0.22-0.39		1.48	1.13-1.83	
rs12144939	0/0	0.33	0.26-0.39	0.09	1.46	1.18-1.74	0.004
CFH (0=G, 1=T)	0/1	0.27	0.24-0.29		1.01	0.90-1.12	
rs800292	0/0	0.26	0.20-0.31	0.52	1.08	0.85-1.31	0.90
CFH (0=G, 1=A)	0/1	0.28	0.25-0.30		1.06	0.95-1.17	
rs10033900	0/0	0.25	0.20-0.30	0.31	1.01	0.79-1.23	0.18
CFI	0/1	0.29	0.26-0.32		1.16	1.02-1.29	
(0=C, 1=T)	1/1	0.26	0.22-0.31		0.94	0.75-1.14	
rs17440077	0/0	0.26	0.19-0.32	0.83	0.89	0.61-1.17	0.28
CFI	0/1	0.27	0.24-0.31		1.05	0.90-1.20	
(0=A, 1=G)	1/1	0.28	0.24-0.32		1.15	0.99-1.23	
rs116503776	0/0	0.28	0.25-0.30	0.42	1.10	0.99-1.21	0.14
C2/CFB (0=G, 1=A)	0/1 & 1/1	0.25	0.19-0.31		0.90	0.65-1.15	
rs114254831	0/0	0.29	0.26-0.32	0.08	1.07	0.93-1.21	0.06
C2/CFB	0/1	0.28	0.24-0.32		1.17	1.01-1.33	
(0=A, 1=G)	1/1	0.20	0.13-0.27		0.74	0.43-1.05	

rs2230199 C3 (0=C, 1=G)	0/0	0.31	0.27-0.34	0.0004	1.26	1.12-1.40	<0.0001
	0/1	0.26	0.23-0.30		0.95	0.80-1.10	
	1/1	0.14	0.05-0.22		0.53	0.18-0.87	

All results adjusted for age and sex; 1: results adjusted for square root of GA area at baseline; 2: results adjusted for GA area at baseline; p=p value of interaction between SNP and year; DD=disc diameters; DA=disc areas; GA=geographic atrophy; AF=autofluorescence