

Appendix 1. Allelic and genotype association testing results of Complement Factor H (CFH), Complement Factor B (CFB), Complement Component 2(C2), Age-Related Maculopathy Susceptibility 2 (ARMS2) and Complement Component 3 (C3) in AMD for cases and controls

	Cases N=159	Controls N=152	OR (CI 95%)	<i>p</i>
CFH, Y402H				
C	93 (29.2)	30 (9.9)	3.8 (2.4-5.9)	1 x 10 ⁻⁵
T	225 (70.8)	274 (90.1)		
CC	18 (11.3)	3 (1.9)	6.3 (1.8-21.9)	0.001
TC	57 (35.8)	24 (15.8)	2.9 (1.7-5.1)	5 x 10 ⁻⁵
TT	84 (52.8)	125 (82.2)	0.2 (0.1-0.4)	3 x 10 ⁻⁸
CFB, L9H				
A	5 (1.6)	4 (1.3)	1.2 (0.3-4.5)	0.8
T	313 (98.4)	300 (98.7)		
AA	0	0	NA	
TA	5 (3.4)	4 (2.6)	1.2 (0.3-4.5)	0.7
TT	154 (96.8)	148 (97.4)	0.8 (0.2-3.1)	0.7
CFB, R32Q				
G	309 (97.2)	283 (93.1)	2.5 (1.1-5.7)	0.01
A	9 (2.8)	21 (6.9)		
GG	151 (94.9)	134 (88.2)	2.5 (1.1-6.0)	0.03
GA	7 (4.4)	15 (9.9)	0.4 (0.2-1.1)	0.06
AA	1 (0.6)	3 (1.9)	0.3 (0.03-3.0)	0.3
CFB, K565E				
G	12 (3.8)	10 (3.3)	1.1 (0.5-2.7)	0.7
A	306 (96.2)	294 (96.7)		
GG	3 (1.9)	2 (1.3)	1.4 (0.2-8.7)	0.7
AG	6 (3.8)	6 (3.9)	0.9 (0.3-3.0)	0.9
AA	150 (94.3)	144 (94.7)	0.9 (0.3-2.5)	0.9
C2, E318D				
G	314 (98.7)	300 (98.7)	1.05 (0.3-4.2)	0.9
C	4 (1.3)	4 (1.3)		
GG	155 (97.5)	148 (97.5)	1.0 (0.2-4.3)	0.9
GC	4 (2.5)	4 (2.6)	0.9 (0.2-3.9)	0.9
CC	0	0	NA	
ARMS2, A69S				
T	167 (52.5)	81 (26.6)	3.04 (2.2-4.3)	4 x 10 ⁻⁷
G	151 (47.5)	223 (73.4)		
TT	50 (31.4)	12 (7.8)	5.3 (2.7-10.5)	2 x 10 ⁻⁷
GT	67 (42.1)	57 (37.5)	1.2 (0.8-1.9)	0.4
GG	42 (26.4)	83 (54.6)	0.3 (0.2-0.5)	4 x 10 ⁻⁷
C3, R102G				
G	49 (15.4)	31 (10.2)	1.6 (0.9-2.6)	0.05
C	269 (84.6)	273 (89.8)		
GG	4 (2.5)	0	NA	0.04
GC	41 (25.8)	31 (20.4)	1.3 (0.8-2.3)	0.3
CC	114 (71.1)	121 (79.6)	0.6 (0.4-1.1)	0.1

OR, odds ratio; CI, confidence interval. NA, Not available (the OR value couldn't be calculated due to a zero value in a cell).