

Supplementary Table 2. Genotyped *CFH* rare variants in the CES population.

Gene	Position GRCh37 (hg19)	REF	ALT	Function	ID	Nucleotide Change	Protein change	SIFT	Polyphen 2_HDIV	CADD	Variants (n)	MAC cases	MAC controls	maf cases	maf controls
<i>CFH</i>	196621254	C	G	nonsynonymous_SNV	rs139254423	C7G	L3V	T	P	14.24	0	0	0	0.000	0.000
<i>CFH</i>	196642173	T	G	nonsynonymous_SNV	1:196642173:T:G	T124G	Y42D	D	D	23.7	0	0	0	0.000	0.000
<i>CFH</i>	196642194	A	G	nonsynonymous_SNV	rs747546121	A145G	I49V	T	B	0.003	0	0	0	0.000	0.000
<i>CFH</i>	196642206	C	T	nonsynonymous_SNV	rs757785149	C157T	R53C	D	D	29.8	1	1	0	0.002	0.000
<i>CFH</i>	196642221	T	G	nonsynonymous_SNV	rs141336681	T172G	S58A	T	B	0.811	0	0	0	0.000	0.000
<i>CFH</i>	196642260	T	A	nonsynonymous_SNV	1:196642260:T:A	T211A	W71R	T	D	24.2	0	0	0	0.000	0.000
<i>CFH</i>	196643064	G	A	nonsynonymous_SNV	rs868394050	G322A	V108I	D	B	23.6	0	0	0	0.000	0.000
<i>CFH</i>	196645133	G	A	nonsynonymous_SNV	1:196645133:G:A	G365A	G122D	D	D	25.8	0	0	0	0.000	0.000
<i>CFH</i>	196645145	A	T	nonsynonymous_SNV	1:196645145:A:T	A377T	Y126F	T	B	1.414	0	0	0	0.000	0.000
<i>CFH</i>	196645148	G	A	nonsynonymous_SNV	rs121913058	G380A	R127H	D	D	33.0	0	0	0	0.000	0.000
<i>CFH</i>	196645156	G	A	nonsynonymous_SNV	rs147002633	G388A	D130N	T	P	23.3	0	0	0	0.000	0.000
<i>CFH</i>	196645188	A	G	nonsynonymous_SNV	1:196645188:A:G	A420G	I140M	T	P	23.3	0	0	0	0.000	0.000
<i>CFH</i>	196645195	G	A	nonsynonymous_SNV	1:196645195:G:A	G427A	V143I	T	D	26.6	0	0	0	0.000	0.000
<i>CFH</i>	196646659	G	T	nonsynonymous_SNV	rs777300338	G481T	A161S	T	P	2.863	1	1	0	0.002	0.000
<i>CFH</i>	196646674	C	T	nonsynonymous_SNV	1:196646674:C:T	C496T	R166W	D	D	25.2	0	0	0	0.000	0.000
<i>CFH</i>	196646682	C	A	stopgain	1:196646682:C:A	C504A	Y168X			24.1	0	0	0	0.000	0.000
<i>CFH</i>	196646684	A	G	nonsynonymous_SNV	rs768647508	A506G	H169R	T	B	0.001	0	0	0	0.000	0.000
<i>CFH</i>	196646701	C	T	nonsynonymous_SNV	1:196646701:C:T	C523T	R175W				0	0	0	0.000	0.000
<i>CFH</i>	196646702	G	A	nonsynonymous_SNV	1:196646702:G:A	G524A	R175Q	T	B	0.015	0	0	0	0.000	0.000
<i>CFH</i>	196646727	GA	G	frameshift_deletion	1:196646727:GA:G	550delA	I184fs				0	0	0	0.000	0.000
<i>CFH</i>	196646750	A	G	nonsynonymous_SNV	1:196646750:A:G	A572G	H191R	T	D	18.63	0	0	0	0.000	0.000
<i>CFH</i>	196646755	T	C	nonsynonymous_SNV	1:196646755:T:C	T577C	S193P	D	D	24.0	0	0	0	0.000	0.000
<i>CFH</i>	196646756	C	T	nonsynonymous_SNV	1:196646756:C:T	C578T	S193L	T	D	23.4	0	0	0	0.000	0.000
<i>CFH</i>	196646760	C	A	nonsynonymous_SNV	1:196646760:C:A	C582A	D194E	T	B	0.001	0	0	0	0.000	0.000
<i>CFH</i>	196648780	T	C	nonsynonymous_SNV	rs183474263	T647C	I216T	T	B	0.001	0	0	0	0.000	0.000
<i>CFH</i>	196648794	A	G	nonsynonymous_SNV	rs774239374	A661G	I221V	T	B	0.001	1	0	1	0.000	0.001
<i>CFH</i>	196648906	C	T	nonsynonymous_SNV	rs768526062	C773T	P258L			21.1	17	13	4	0.033	0.004
<i>CFH</i>	196654203	G	A	nonsynonymous_SNV	1:196654203:G:A	G800A	C267Y	D	D	23.8	0	0	0	0.000	0.000

CFH	196654290	A	G	nonsynonymous_SNV	1:196654290:A:G	A887G	N296S	T	P	0.001	0	0	0	0.000	0.000
CFH	196654303	TG	T	frameshift_deletion	1:196654303:TG:T	901delG	A301fs				0	0	0	0.000	0.000
CFH	196654311	G	A	nonsynonymous_SNV	rs766408580	G908A	R303Q	T	B	0.217	0	0	0	0.000	0.000
CFH	196654313	G	A	nonsynonymous_SNV	1:196654313:G:A	G910A	G304R	D	D	4.395	0	0	0	0.000	0.000
CFH	196654350	C	T	nonsynonymous_SNV	1:196654350:C:T	C947T	P316L	D	D	25.5	0	0	0	0.000	0.000
CFH	196658582	G	A	nonsynonymous_SNV	1:196658582:G:A	G997A	G333R	D	D	26.1	0	0	0	0.000	0.000
CFH	196658607	G	A	nonsynonymous_SNV	rs371192606	G1022A	R341H			7.702	1	1	0	0.002	0.000
CFH	196658658	A	G	nonsynonymous_SNV	rs576059537	A1073G	D358G	T	D	13.36	0	0	0	0.000	0.000
CFH	196658660	G	T	stopgain	1:196658660:G:T	G1075T	E359X			23	0	0	0	0.000	0.000
CFH	196658733	T	C	nonsynonymous_SNV	rs762389370	T1148C	V383A	T	P	0.006	1	0	1	0.000	0.001
CFH	196658738	T	C	nonsynonymous_SNV	1:196658738:T:C	T1153C	C385R	D	D	23.9	0	0	0	0.000	0.000
CFH	196659231	C	A	nonsynonymous_SNV	rs201671665	C1198A	Q400K	T	B	0.001	0	0	0	0.000	0.000
CFH	196659255	C	T	stopgain	rs121913061	C1222T	Q408X			32	0	0	0	0.000	0.000
CFH	196659309	C	T	stopgain	1:196659309:C:T	C1276T	Q426X			34	0	0	0	0.000	0.000
CFH	196682946	C	T	nonsynonymous_SNV	rs371053403	C1418T	A473V	T	B	8.370	0	0	0	0.000	0.000
CFH	196683035	C	G	nonsynonymous_SNV	rs570523689	C1507G	P503A	T	D	22.7	0	0	0	0.000	0.000
CFH	196684751	T	A	nonsynonymous_SNV	rs147403664	T1548A	N516K	T	D	16.62	1	1	0	0.002	0.000
CFH	196684798	T	C	nonsynonymous_SNV	rs201193547	T1595C	L532S	D	D	24.5	0	0	0	0.000	0.000
CFH	196684807	A	G	nonsynonymous_SNV	1:196684807:A:G	A1604G	E535G	D	D	24.5	0	0	0	0.000	0.000
CFH	196684814	T	A	nonsynonymous_SNV	1:196684814:T:A	T1611A	H537Q	T	B	0.009	0	0	0	0.000	0.000
CFH	196684825	A	G	nonsynonymous_SNV	1:196684825:A:G	A1622G	E541G	T	D	21.3	1	1	0	0.002	0.000
CFH	196694253	A	G	nonsynonymous_SNV	rs757756991	A1699G	R567G	T	D	23	0	0	0	0.000	0.000
CFH	196694262	G	A	nonsynonymous_SNV	rs76405615	G1708A	E570K		B	0.235	0	0	0	0.000	0.000
CFH	196694332	T	A	stopgain	1:196694332:T:A	T1778A	L593X			36	0	0	0	0.000	0.000
CFH	196694418	A	G	nonsynonymous_SNV	1:196694418:A:G	A1864G	I622V	T	B	0.194	2	1	1	0.002	0.001
CFH	196695609	A	G	nonsynonymous_SNV	1:196695609:A:G	A1883G	Q628R	T	B	0.001	0	0	0	0.000	0.000
CFH	196695648	T	C	nonsynonymous_SNV	rs371768180	T1922C	V641A	T	B	0.258	0	0	0	0.000	0.000
CFH	196695675	G	T	nonsynonymous_SNV	rs143237092	G1949T	G650V	T	B	0.034	0	0	0	0.000	0.000
CFH	196695721	G	A	nonsynonymous_SNV	1:196695721:G:A	G1995A	M665I	D	B	23.3	0	0	0	0.000	0.000
CFH	196695756	A	G	nonsynonymous_SNV	1:196695756:A:G	A2030G	E677G	T	B	0.849	0	0	0	0.000	0.000
CFH	196695927	A	C	nonsynonymous_SNV	1:196695927:A:C	A2093C	E698A	T	B	7.448	0	0	0	0.000	0.000
CFH	196695975	C	G	stopgain	1:196695975:C:G	C2141G	S714X			35	0	0	0	0.000	0.000
CFH	196695985	C	A	nonsynonymous_SNV	rs763441589	C2151A	F717L	D	B	12.93	1	1	0	0.002	0.000

CFH	196696029	C	T	nonsynonymous_SNV	rs201360629	C2195T	T732M	T	B	11.39	0	0	0	0.000	0.000
CFH	196697494	A	G	nonsynonymous_SNV	1:196697494:A:G	A2255G	K752R	T	B	8.420	0	0	0	0.000	0.000
CFH	196697498	C	A	stopgain	1:196697498:C:A	C2259A	C753X			36	0	0	0	0.000	0.000
CFH	196697519	A	G	nonsynonymous_SNV	1:196697519:A:G	A2280G	I760M	T	B	0.131	0	0	0	0.000	0.000
CFH	196697552	C	A	nonsynonymous_SNV	1:196697552:C:A	C2313A	F771L	D	B	13.01	0	0	0	0.000	0.000
CFH	196697568	A	G	nonsynonymous_SNV	rs761904009	A2329G	I777V	T	B	0.001	0	0	0	0.000	0.000
CFH	196705989	A	T	nonsynonymous_SNV	1:196705989:A:T	A2449T	I817F	D	P	25.7	0	0	0	0.000	0.000
CFH	196706001	C	T	nonsynonymous_SNV	rs367687415	C2461T	H821Y	T	B	0.001	0	0	0	0.000	0.000
CFH	196706028	C	T	nonsynonymous_SNV	rs62641696	C2488T	R830W		P	22.2	0	0	0	0.000	0.000
CFH	196706112	T	A	nonsynonymous_SNV	1:196706112:T:A	T2572A	W858R	D	D	25.5	0	0	0	0.000	0.000
CFH	196706633	G	C	nonsynonymous_SNV	1:196706633:G:C	G2625C	Q875H	T	B	0.001	0	0	0	0.000	0.000
CFH	196706659	C	A	nonsynonymous_SNV	rs114743644	C2651A	S884Y	T	P	10.94	1	0	1	0.000	0.001
CFH	196706677	G	T	nonsynonymous_SNV	rs515299	G2669T	S890I	T	B	0.463	25	9	16	0.021	0.014
CFH	196709816	G	T	nonsynonymous_SNV	rs149474608	G2850T	Q950H	D	P	21.4	0	0	0	0.000	0.000
CFH	196709833	C	T	nonsynonymous_SNV	rs145975787	C2867T	T956M	T	D	15.09	0	0	0	0.000	0.000
CFH	196709874	A	G	nonsynonymous_SNV	rs759625279	A2908G	I970V	T	B	0.01	0	0	0	0.000	0.000
CFH	196709875	T	C	nonsynonymous_SNV	1:196709875:T:C	T2909C	I970T	T	B	0.004	0	0	0	0.000	0.000
CFH	196711052	G	C	nonsynonymous_SNV	rs201816520	G3004C	G1002R	T	D	7.236	1	1	0	0.002	0.000
CFH	196711098	C	T	nonsynonymous_SNV	rs34362004	C3050T	T1017I	D	P	12.48	0	0	0	0.000	0.000
CFH	196711125	G	A	nonsynonymous_SNV	1:196711125:G:A	G3077A	G1026E	D	D	24.7	0	0	0	0.000	0.000
CFH	196712596	A	T	nonsynonymous_SNV	rs35274867	A3148T	N1050Y	T	B	3.424	32	3	29	0.007	0.025
CFH	196712624	T	C	nonsynonymous_SNV	rs35343172	T3176C	I1059T	D	B	12.25	0	0	0	0.000	0.000
CFH	196712674	C	G	nonsynonymous_SNV	rs62625015	C3226G	Q1076E	T	B	0.003	0	0	0	0.000	0.000
CFH	196712682	G	T	nonsynonymous_SNV	rs121913062	G3234T	R1078S	T	B	0.637	0	0	0	0.000	0.000
CFH	196716253	T	C	nonsynonymous_SNV	1:196716253:T:C	T3506C	I1169T	D	B	23.8	0	0	0	0.000	0.000
CFH	196716261	G	T	stopgain	rs121913060	G3514T	E1172X			39	0	0	0	0.000	0.000
CFH	196716375	C	T	nonsynonymous_SNV	rs121913059	C3628T	R1210C	T	B	11.77	0	0	0	0.000	0.000
CFH	196716399	T	G	nonsynonymous_SNV	1:196716399:T:G	T3652G	C1218G	D	D	23.5	0	0	0	0.000	0.000
CFH	196716415	T	A	nonsynonymous_SNV	1:196716415:T:A	T3668A	L1223Q	D	D	24.1	1	0	1	0.000	0.001

D Probably damaging/ deleterious; P Possible damaging; B Benign; T Tolerated.