Supplementary material for Fernández-Vega et al., "Association study of high frequency variants of MTHFR gene with retinal vein occlusion in a Spanish population", *Ophthalmic Genetics*, 2019.

Table S1. Genotypic frequencies of C677T/A1298C in populations of different ethnic origin

Genotypes C677T/ A1298C	**Present study (Controls) (n=176) (%)**	**IBS (n=107) (%)**	**CEU (n=99) (%)**	**PEL (n=86) (%)**	**CHB (n=103) (%)**	**YRI (n=109) (%)**	**GWD (n=113) (%)**
C**T**/A**C**	39 (22.16)	31 (28.97)	21 (21.22)	5 (5.82)	23 (22.33)	3 (2.75)	1 (0.89)
C**T**/**CC**	1 (0.57)	0	2 (2.02)	0	0	0	0
C**T**/AA	35 (19.89)	28 (26.17)	16 (16.16)	37 (43.02)	27 (26.21)	20 (18.35)	13 (11.50)
TT/AA	29 (16.48)	18 (16.82)	10 (10.10)	16 (18.61)	23 (22.33)	0	0
TT/A**C**	1 (0.57)	0	0	0	0	0	0
TT/**CC**	0	0	0	0	0	0	0
CC/A**C**	32 (18.18)	15 (14.02)	18 (18.18)	8 (9.30)	15 (14.56)	23 (21.10)	17 (15.04)
CC/**CC**	18 (10.23)	6 (5.61)	13 (13.13)	1 (1.16)	4 (3.89)	0	4 (3.54)
CC/AA	21 (11.93)	9 (8.41)	19 (19.19)	19 (22.09)	11 (10.68)	63 (57.80)	78 (69,03)

IBS, Iberian Population in Spain; CEU, Utah Residents (CEPH) with North and Western European Ancestry; PEL, Peruvians from Lima, Peru; CHB, Han Chinese in Beijing; YRI, Yoruba in Ibadan, Nigeria; GWD, Gambian in Western Division. CT, Heterozygotes for C677T including CT and TC subjects; AC, Heterozygotes for A1298C including CT and TC subjects.