

S4 Table. Frequency of *PAN2* and *MAP3K7CL* genotypes.

Genotype	Cases (n=132)	Controls (n=390)	OR	95%CI	P-value
<i>AA</i>*	84	47	12.77	8.001-20.39	1.81X10 ⁻²⁹
<i>Aa</i>	40	175	0.53	0.35-0.81	0.0041
<i>aa</i>	8	168	0.085	0.041-0.18	5.40X10 ⁻¹⁵
No. of <i>A</i> alleles (2n)	208	269	7.042	5.025-10	2.08X10 ⁻³⁵
<i>BB</i>[†]	68	23	16.95	9.86-29.16	8.26X10 ⁻²⁹
<i>Bb</i>	29	126	0.59	0.37-0.94	0.0274
<i>bb</i>	35	241	0.22	0.14-0.35	1.61X10 ⁻¹²
No. of <i>B</i> alleles (2n)	165	172	5.88	4.31-8.065	1.45X10 ⁻³³

**A*=the *PAN2* variant encoding p.Arg492Cys; *a*=wild type

[†]*B*=*MAP3K7CL* c.383_392ACTCCACAAA>GACT; *b*=wild type