Outcome: Disease
Design: Matched case-control
Hypothesis: Gene only
Desired power: 0.800000
Significance: 5.00000e-008, 2-sided
Gene
    Mode of inheritance: Log-additive
    Allele frequency: 0.1000 to 0.5000 by 0.1000
Disease model   Summary parameters
    P_0 0.050000 $*k_P$ 0.050949
    R_G: 1.1000   (*indicates calculated value)

Parameter	Null	Full	Reduced
Gene	$\beta_G=0$	β_G	——

		N	
Frequency	R_G	Gene	k_P
0.100000	1.1000	46844	0.050949
	1.2000	12436	0.051898
	1.3000	5856	0.052844
0.200000	1.1000	26589	0.051907
	1.2000	7123	0.053828
	1.3000	3385	0.055760
0.300000	1.1000	20439	0.052873
	1.2000	5523	0.055791
	1.3000	2646	0.058748
0.400000	1.1000	18040	0.053848
	1.2000	4914	0.057787
	1.3000	2372	0.061808
0.500000	1.1000	17467	0.054831
	1.2000	4795	0.059815
	1.3000	2331	0.064940

N is the number of case-control pairs required for the desired power