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	0.010000	$*k_P$	0.010099
R_G:	1.0500	(*indicates calculated value)	

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

	N	
Frequency	Gene	k_P
0.100000	181371	0.010099
0.200000	102523	0.010199
0.300000	78494	0.010299
0.400000	69015	0.010400
0.500000	66573	0.010501

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