Outcome:	Disease
Design:	Unmatched case-control (1:99)
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	$*k_P$ 0.010199
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	23282	0.010199
	1.2000	6085	0.010399
	1.3000	2822	0.010601
0.200000	1.1000	13265	0.010399
	1.2000	3510	0.010806
	1.3000	1648	0.011219
0.300000	1.1000	10236	0.010602
	1.2000	2742	0.011220
	1.3000	1302	0.011854
0.400000	1.1000	9070	0.010807
	1.2000	2458	0.011642
	1.3000	1180	0.012507
0.500000	1.1000	8817	0.011013
	1.2000	2417	0.012072
	1.3000	1172	0.013177

N is the number of cases required for the desired power
The required number of controls is 99xN