

Table S2. Attained cellular phenotype values (200 SNPs case).

The phenotypic values resulting from use of the baseline parameter values (see Table S1) are listed together with the minimum and maximum values achieved in the Monte Carlo simulations.

Phenotypes	Unit	Baseline value	Min	Max
apd25	ms	4.34	4.10	4.58
apd50	ms	5.89	5.34	6.41
apd75	ms	1.11e1	9.32	1.29e1
apd90	ms	1.95e1	1.62e1	2.30e1
apamp	mV	1.18e2	1.14e2	1.22e2
apbase	mV	-8.0e1	-8.07e1	-7.93e1
appeak	mV	3.82e1	3.42e1	4.20e1
apttp	ms	3.20	3.04	3.34
ctd25	ms	6.19e1	4.72e1	7.78e1
ctd50	ms	1.05e2	8.0e1	1.33e2
ctd75	ms	1.79e2	1.39e1	2.23e2
ctd90	ms	2.55e2	2.20e2	2.77e2
ctamp	μM	1.40e-1	5.05-2	2.74e-1
ctbase	μM	8.14e-2	6.10e-2	1.06e-1
ctpeak	μM	2.21e-1	1.15e-1	3.68e-1
ctttp	ms	2.40e1	1.92e1	2.94e2