

Parameter	Description of parameter	Mean 'early phase' cell population	Mean 'non-early phase' cell population,	units
gKATP	Max conductance of K _{ATP} channel current	2.3517	2.2930	pA mV ⁻¹
gKTO	Conductance of I _{KCa(BK)} (voltage and Ca ²⁺) dependent transient outward K ⁺ current	2.12521	2.12793	pA mV ⁻¹
P _{SERCA}	Maximum rate of pumping Ca ²⁺ into ER	0.09666	0.09586	amole ms ⁻¹
P _{NaCa}	Maximum amplitude of I _{NaCa} , Na ⁺ /Ca ²⁺ exchanger	204.98	203.84	pA
P _{rel}	Converting factor for Ca ²⁺ release from ER	0.4548	0.4609	fl ms ⁻¹
P _{op}	Maximum rate of ATP production from oxphos	0.00049742	0.00049957	ms ⁻¹
[ATP _{tot}]	Total amount of ATP species	3.99813	4.00341	mM
k _{glc}	Rate constant of glycolysis	0.0001064	0.0001286	ms ⁻¹