

Table S3. Polymorphic model elements of the cell cycle model [22]. A list of cell cycle model elements and parameters used to manifest genetic variation. Parameter names from Table 1 and Table 2 in the original publication ([22]), names used in the CellML file retrieved from http://models.cellml.org/workspace/chen_calzone_csikasznygy_cross_novak_tyson_2004 and baseline values with units.

Model species	Parameters	Name in CellML file	Baseline values
<i>Cln3</i>	C_0	C0	0.4 dimensionless
<i>Bck2</i>	B_0	B0	0.054 dimensionless
<i>Cln2</i>	$k_{s,n2}''$	ks_n2__	0.15 min ⁻¹
	$k_{d,n2}$	kd_n2	0.12 min ⁻¹
<i>Clb5</i>	$k_{s,b5}''$	ks_b5__	0.005 min ⁻¹
	$k_{d,b5}'$	kd_b5_	0.01 min ⁻¹
<i>Clb2</i>	$k_{s,b2}''$	ks_b2__	0.04 min ⁻¹
	$k_{d,b2}'$	kd_b2_	0.003 min ⁻¹
<i>Cdc15</i>	$k_{a,15}''$	ka_15__	1 min ⁻¹
	$k_{i,15}$	ki_15	0.5 min ⁻¹
<i>Cdc14</i>	$k_{s,14}''$	ks_14	0.2 min ⁻¹
	$k_{d,15}$	kd_14	0.1 min ⁻¹
<i>Pds1</i>	$k_{s1,pds}''$	ks1_pds__	0.03 min ⁻¹
	$k_{d1,pds}'$	kd1_pds_	0.01 min ⁻¹