Basal parameter values for wild-type cells reflecting the revised model. Adjusted parameters are highlighted

Rate constants (min^{-1}) (subscripts: "s" for synthesis, "d" for degradation)							
$k_{\text{s,bck2}}$	0.13	$k_{\text{d,bck2}}$	0.25				
$k_{\text{s,bud,e}}$	1.3	$k_{\text{d,bud}}$	0.01				
$k_{\text{s,cdc20}}$	0.0008	$k_{\text{s,cdc20,m1}}$	0.2	$k_{\text{d,cdc20}}$	0.32		
$k_{\text{s,cki}}$	0.00124	$k_{\text{s,cki,swi5}}$	0.02745	$k_{\text{d,cki}}$	0.0153	$k_{\text{d,ckip}}$	0.5
$k_{\text{s,clb2}}$	0.0052	$k_{\text{s,clb2,m1}}$	0.19772				
$k_{\text{d,clb2}}$	0.0086	$k_{\text{d,clb2,20}}$	1.1642	$k_{\text{d,clb2,20,i}}$	0.15	$k_{\text{d,clb2,h1}}$	0.6
$k_{\text{s,clb5}}$	0.0008	$k_{\text{s,clb5,mbf}}$	0.0156				
$k_{\text{d,clb5}}$	0.035	$k_{\text{d,clb5,20}}$	0.8	$k_{\text{d,clb5,20,i}}$	0.25		
$k_{\text{s,cln2}}$	0	$k_{\text{s,cln2,sbf}}$	0.1	$k_{\text{d,cln2}}$	0.135		
$k_{\text{s,cln3}}$	0.1	$k_{\text{d,cln3}}$	0.2				
$k_{\text{s,ori,e}}$	2	$k_{\text{d,ori}}$	0.06				
$k_{\text{s,pds1}}$	0.03	$k_{\text{s,pds1,mbf}}$	0.03				
$k_{\text{d,pds1}}$	0.01	$k_{\text{d,pds1,20}}$	2.5	$k_{\text{d,pds1,20,i}}$	1.7		
$k_{\text{s,polo}}$	0	$k_{\text{s,polo,m1}}$	0.22	$k_{\text{d,polo}}$	0.3	$k_{\text{d,polo,h1}}$	1.5
$k_{\text{s,swi5}}$	0.005	$k_{\text{s,swi5,m1}}$	0.03	$k_{\text{d,swi5}}$	0.08		
$k_{\text{s,spn}}$	0.24	$k_{\text{d,spn}}$	0.03				
$k_{\text{s,swe1}}$	0.001	$k_{\text{s,swe1,sbf}}$	0.007				
$k_{\text{d,swe1}}$	0.01	$k_{\text{d,swe1,h1}}$	0.5	$k_{\text{d,swe1p}}$	0.2	$k_{\text{d,swe1p,h1}}$	0.7
Other time-scale factors (min^{-1})							
μ	0.0077	(*mdt* = 90 min in glucose medium)					
γ	1	γ_{cki}	10	γ_{apc}	0.5	γ_{tem1}	0.1
Interaction coefficients (dimensionless) (subscripts: "a" for activation, "i" for inactivation, "p" for phosphorylation, "dp" for dephosphorylation)							
$\omega_{\text{a,apc,b2}}$	0.625	$\omega_{\text{i,apc}}$	0.7				
$\omega_{\text{a,bub2,l4}}$	0.05	$\omega_{\text{a,bub2}}$	2.71	$\omega_{\text{a,bub2,c55}}$	0.8	$\omega_{\text{i,bub2,lo}}$	4.4
$\omega_{\text{i,bub2,lte,lo}}$	6.7						
$\omega_{\text{a,cdc15,l4}}$	0.85	$\omega_{\text{i,cdc15}}$	0.23	$\omega_{\text{i,cdc15,b2}}$	0.0149		
$\omega_{\text{i,cdc55,p1}}$	0.981						
$\omega_{\text{a,cdh1,l4}}$	1.1	$\omega_{\text{a,cdh1}}$	0.032				
$\omega_{\text{i,cdh1,n2}}$	0.202	$\omega_{\text{i,cdh1,b5}}$	8.76	$\omega_{\text{i,cdh1,b2}}$	0.162		
$\omega_{\text{p,cki,n2}}$	1.15	$\omega_{\text{p,cki,b5}}$	9.5	$\omega_{\text{p,cki,b2}}$	1.65		

$\omega_{dp,cki}$	0.7	$\omega_{dp,cki,14}$	1.747				
$\omega_{dp,clb2}$	1.5	$\omega_{p,clb2,we}$	1.05				
$\omega_{a,mad2}$	30	$\omega_{i,mad2}$	0.6				
$\omega_{a,mcm1,b2}$	10	$\omega_{i,mcm1}$	1.7				
$\omega_{p,net1,b2}$	0.0225	$\omega_{p,net1,en}$	6.6	$\omega_{p,net1,15}$	0.288	$\omega_{p,net1}$	0.22
$\omega_{dp,net1}$	0.055	$\omega_{dp,net1,14}$	2.51	$\omega_{dp,net1,c55}$	1.0		
$\omega_{a,polo,b2}$	4.8	$\omega_{i,polo}$	0.2				
$\omega_{p,s6s4pw,n3}$	8.43	$\omega_{p,s6s4pw,n2}$	0.01	$\omega_{p,s6s4pw,k2}$	2.1	$\omega_{p,s6s4pw,b5}$	0.01
$\omega_{i,s6s4pw}$	0.8	$\omega_{p,s6s4pw,b2}$	2.87				
$\omega_{p,s6s4,n3}$	3.6	$\omega_{p,s6s4,n2}$	0.28	$\omega_{p,s6s4,k2}$	0.6	$\omega_{p,s6s4,b5}$	4.62
$\omega_{i,s6s4}$	0.5	$\omega_{p,s6s4,b2}$	0.035	$\omega_{p,s6s4np,b2}$	0.4		
$\omega_{p,s4s4p,k2}$	8.5	$\omega_{i,s4s4p}$	0.5	$\omega_{p,s4s4p,b2}$	4.5		
$\omega_{p,s6mb,n3}$	3.1	$\omega_{p,s6mp,n2}$	0.2	$\omega_{p,s6mb,k2}$	1.25	$\omega_{p,s6mb,b5}$	6.2
$\omega_{i,s6mb}$	0.5	$\omega_{dp,s6mb,b2}$	0.73				
$\omega_{p,ssa1,b2}$	2.0	$\omega_{dp,ssa1}$	1.0				
$\omega_{p,swe1,b2}$	1.5	$\omega_{dp,swe1}$	0.5				
$\omega_{a,swi5,14}$	5.1	$\omega_{a,swi5}$	0.2	$\omega_{i,swi5,b2}$	1.0		
$\omega_{a,tem1,lo}$	1.1	$\omega_{a,tem1}$	0.5	$\omega_{i,tem1,bub2}$	2.5		
Total concentrations (dimensionless)							
$[APC_T]$	25	$[Bub2_T]$	1	$[Cdc14_T]$	2	$[Cdc15_T]$	1
$[Cdc55_T]$	1	$[Cdh1_T]$	1	$[Esp1_T]$	0.5	$[Mad2_T]$	25
$[Mbp1_T]$	5.5	$[Mcm1_T]$	1	$[Net1_T]$	3.55	$[Pr_2]$	2
$[Pr_5]$	2	$[Ssa1_T]$	1	$[Swi4_T]$	5.5	$[Swi6_T]$	30
$[Tem1_T]$	2	$[Whi5_T]$	10				
Other parameters (dimensionless)							
$e_{bud,b5}$	0.38	$e_{bud,n2}$	0.45	$e_{bud,n3}$	0.3	$e_{ori,b2}$	0.35
$e_{ori,b5}$	0.5	J_{spn}	0.14	$k_{5,s6m}$	0.16	k_{s4}	0.91
k_{s6m}	0.63	k_{s4s6}	0.3	$k_{5,s6s4}$	1.1	k_{ydj1}	2.3
$r_{cdc14,n\to c}$	13	$r_{cdc14,c\to n}$	0.022	v_{bck2}	3	v_{clb2}	1.4
v_{clb5}	0.2	v_{cln3}	12	v_{ydj1}	2.9	θ_{cd}	0.2

θ_{cleave}	0.05	θ_{rl}	0.199	σ	10	$\rho_{14,\text{net1}}$	1