

$$[Ydj1] = k_{ydj1} \cdot (1 - e^{-V/v_{ydj1}})$$

$$[Ssa1P] = [Ssa1_T] \cdot H(\sigma \cdot W_{ssa1})$$

$$W_{ssa1} = \omega_{p,ssa1,b2} \cdot [Clb2] - \omega_{dp,ssa1}$$

$$[Ssa1_F] = \max(([Ssa1_T] - [Ssa1P]) - [Ydj1], 0)$$

$$\frac{d[Cln3]}{dt} = k_{s,cln3} \cdot (1 - e^{-V/v_{cln3}}) - k_{d,cln3} \cdot [Cln3]$$

$$[Cln3_{ER}] = \min([Cln3], ([Ssa1_F] + [Ssa1P]))$$

$$[Cln3_N] = [Cln3] - [Cln3_{ER}]$$