TF Kill Switch 0.1

$$\frac{d[C_{Cas,1}]}{dt} = +k_{C_g}[P_{Cas}][G_1] - \delta_{C_g}[C_{Cas,1}]$$
(1)

$$\frac{d[C_{Cas,1}]}{dt} = +k_{C_g}[P_{Cas}][G_1] - \delta_{C_g}[C_{Cas,1}]$$

$$\frac{d[C_{Cas,2}]}{dt} = +k_{C_g}[P_{Cas}][G_2] - \delta_{C_g}[C_{Cas,2}]$$

$$\frac{d[P_{TF}]}{dt} = \alpha_{p,P_{TF}}V - \delta_{p,P_{TF}}[P_{TF}]$$
(3)

$$\frac{\mathrm{d}[P_{TF}]}{\mathrm{d}t} = \alpha_{p,P_{TF}}V - \delta_{p,P_{TF}}[P_{TF}] \tag{3}$$

$$\frac{d[P_{Cas}]}{dt} = \alpha_{p, P_{Cas}} V - \delta_{p, P_{Cas}} [P_{Cas}] + -k_{C_g} [P_{Cas}] [G_1] + -k_{C_g} [P_{Cas}] [G_2]$$
(4)

$$\frac{\mathrm{d}[P_{\mathrm{Cas}}]}{\mathrm{d}t} = \alpha_{p,P_{\mathrm{Cas}}} V - \delta_{p,P_{\mathrm{Cas}}}[P_{\mathrm{Cas}}] + -k_{C_g}[P_{\mathrm{Cas}}][G_1] + -k_{C_g}[P_{\mathrm{Cas}}][G_2]$$

$$\frac{\mathrm{d}[G_1]}{\mathrm{d}t} = \alpha_{r,G_1} \frac{P_{TF}^n}{K_a^n + P_{TF}^n} V - \delta_g[G_1] + -k_{C_g}[P_{\mathrm{Cas}}][G_1]$$
(5)

$$\frac{d[G_2]}{dt} = \alpha_{r,G_2} V - \delta_g[G_2] + -k_{C_g}[P_{Cas}][G_2]$$
(6)