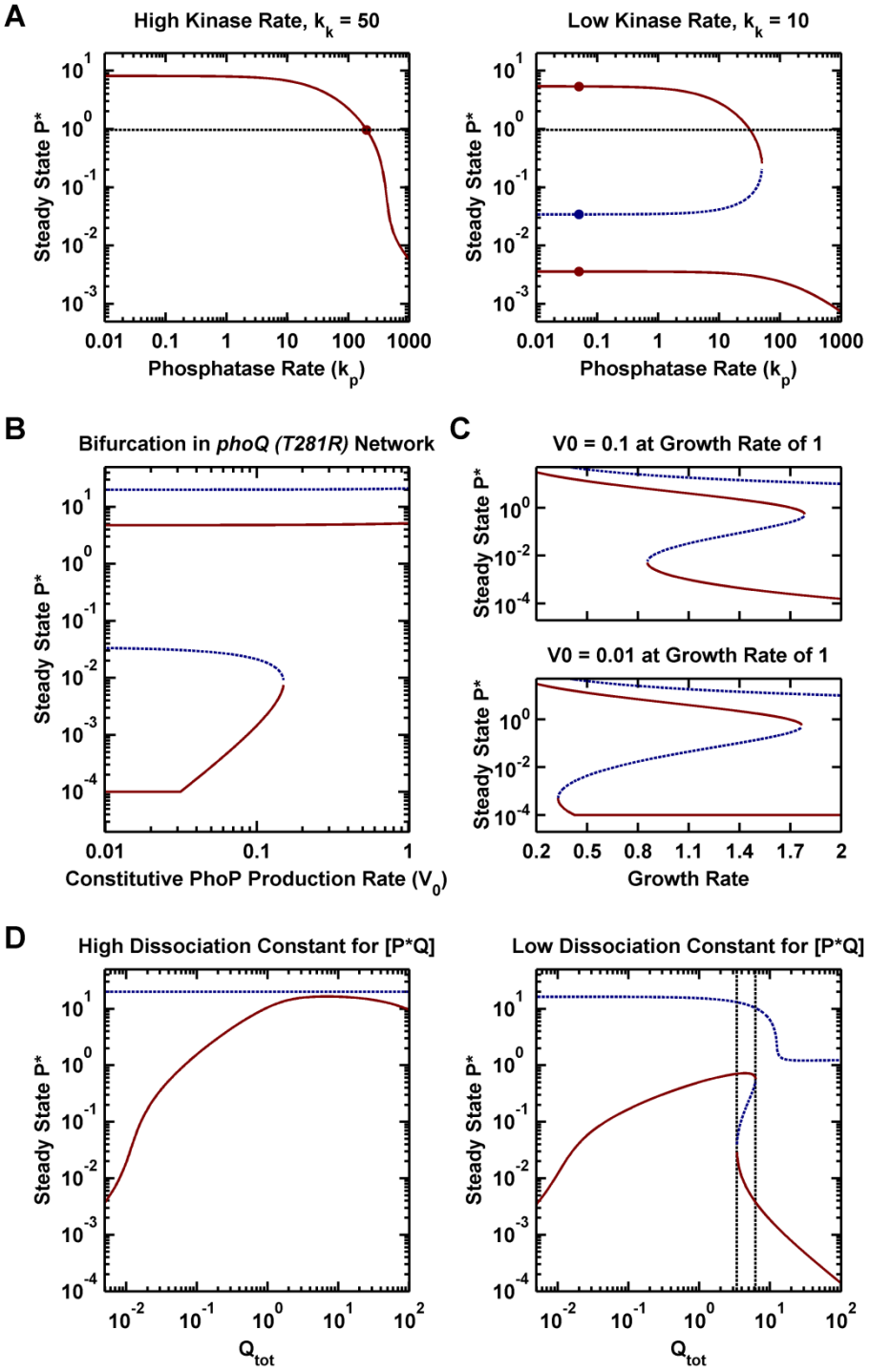
Figure S1


A
High Kinase Rate, k_k = 50
Low Kinase Rate, k_k = 10
Steady State P*
Phosphatase Rate (k_p)
B
Bifurcation in *phoQ (T281R)* Network
Constitutive PhoP Production Rate (V_0)
C
V0 = 0.1 at Growth Rate of 1
V0 = 0.01 at Growth Rate of 1
Growth Rate
D
High Dissociation Constant for [P*Q]
Low Dissociation Constant for [P*Q]
Q_{tot}