(A) Steady state $X$ (solid line) and $FBP$ (dotted line) metabolite concentrations over steady state flux, which are identical for both parabolic ($n_e = 1$) and sigmoidal ($n_e = 2$) influence of $FBP$ on $E$ production.

(B-C) $E$ production (solid line) and degradation/dilution (dotted line) curves for parabolic (B) and sigmoidal regulation (C) of $E$ production by $FBP$. These two figures were generated assuming saturation of the enzyme $E$ with its substrate acetate ($acetate >> K_{E,acetate}$), such that $v_E = k_{E,cat} \cdot E$. 

Supplementary Figure S8: Bifurcation analysis
(D-E) Bifurcation diagrams showing stable (solid lines) and unstable (dotted lines) steady states for parabolic (D) and sigmoidal regulation (E) of $E$ production by $FBP$. 