Case	F_{reg}	Null Mutants Fold Change	Epistatic Relation	Epistasis Coefficient
Activator recruited by Helper	$\dfrac{1+a\frac{1+he^{-\epsilon_{ah}}}{1+h}e^{-\epsilon_{ap}}}{1+a\frac{1+he^{-\epsilon_{ah}}}{1+h}}$	< 1	$F_{reg}(0,h) = F_{reg}(0,0)$	$-\dfrac{1}{2} \leq s \leq 0$
Repressor recruited by helper	$\left(1+\dfrac{1+he^{-\epsilon_{hr}}}{1+h}r\right)^{-1}$	> 1	$F_{reg}(0,h) = F_{reg}(0,0)$	$-\dfrac{1}{2} \leq s \leq 0$
Dual repressors interacting	$\left(1+r_1+r_2+r_1r_2e^{-\epsilon_{r_1r_2}}\right)^{-1}$	> 1		$-\dfrac{1}{2} \leq s \leq 0$
Dual activators interacting	$\dfrac{1+a_1e^{-\epsilon_{a_1p}}+a_2e^{-\epsilon_{a_2p}}+a_1a_2e^{-\epsilon_{a_1p}-\epsilon_{a_2p}-\epsilon_{a_1a_2}}}{1+a_1+a_2+a_1a_2e^{-\epsilon_{a_1p}-\epsilon_{a_2p}}}$	< 1		$-\dfrac{1}{2} \leq s \leq \infty$
Activator removed by Inhibitor, Inhibitor in excess	$\dfrac{1+a\frac{1+ie^{-\epsilon_{ai}}}{1+i}e^{-\epsilon_{ap}}}{1+a\frac{1+ie^{-\epsilon_{ai}}}{1+i}}$	$A=0, \sim 1;$ $I=0, > 1$	$F_{reg}(0,i) = F_{reg}(0,0)$	$s < -\dfrac{1}{2}$
Activator removed by Inhibitor, Activator in excess	$\dfrac{1+a\frac{1+ie^{-\epsilon_{ai}}}{1+i}e^{-\epsilon_{ap}}}{1+a\frac{1+ie^{-\epsilon_{ai}}}{1+i}}$	$A=0, < 1;$ $I=0, > 1$	$F_{reg}(0,i) = F_{reg}(0,0)$	$0 \leq s$