Table S4. Stochastic model variables

Variable	Description
$IKKKa$	Active form of $IKKK$ kinase
$IKKa$	Active form of IKK kinase
$IKKi$	Inactive form of IKK kinase
$IKKn$	Neutral form of IKK kinase
$G_{I\kappa B\alpha}$	Discrete state of IκBα gene promoter
$G_{I\kappa B\epsilon}$	Discrete state of IκBϵ gene promoter
G_{A20}	Discrete state of A20 gene promoter
$NF\text{-}\kappa B$	Free cytoplasmic NF-κB
$nNF\text{-}\kappa B$	Free nuclear NF-κB
$I\kappa B\alpha$	Free cytoplasmic IκBα
$I\kappa B\epsilon$	Free cytoplasmic IκBϵ
$nI\kappa B\alpha$	Free nuclear IκBα
$nI\kappa B\epsilon$	Free nuclear IκBϵ
$A20$	Cytoplasmic A20 protein
$tI\kappa B\alpha$	IκBα mRNA transcript
$tI\kappa B\epsilon$	IκBϵ mRNA transcript
$tA20$	A20 mRNA transcript
$pI\kappa B\alpha$	Phosphorilated IκBα
$pI\kappa B\epsilon$	Phosphorilated IκBϵ
$I\kappa B\alpha\_NF\text{-}\kappa B$	Cytoplasmic NF-κB and IκBα complex
$I\kappa B\epsilon\_NF\text{-}\kappa B$	Cytoplasmic NF-κB and IκBϵ complex
$nI\kappa B\alpha\_NF\text{-}\kappa B$	Nuclear NF-κB and IκBα complex
$nI\kappa B\epsilon\_NF\text{-}\kappa B$	Nuclear NF-κB and IκBϵ complex
$pI\kappa B\alpha\_NF\text{-}\kappa B$	Cytoplasmic NF-κB and phospho-IκBα complex
$pI\kappa B\epsilon\_NF\text{-}\kappa B$	Cytoplasmic NF-κB and phospho-IκBϵ complex