

BioComputing's Network-Graph Tool

Version 1.4

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1 Reaction Network Networks/B309-simple.xml

Reaction Network. See file: [Networks/B309-simple.xml](#) See Figure 1.

Analysis [Test](#)

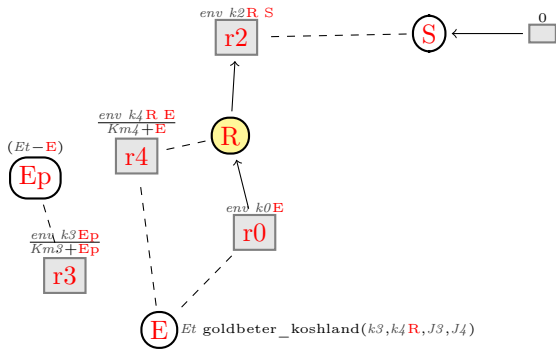


Fig. 1. The Networks/B309-simple.xml.

Parameter	Initial value

Fig. 2. Control parameters of Networks/B309-simple.xml.

Macro	Definition
$k0$	1
$k2$	1
$k3$	0.5
$J3$	0.01
$k4$	1
$J4$	0.01
Et	1
$Km3$	$J3 \ Et$
$Km4$	$J4 \ Et$
env	1

Fig. 3. Expressions of Networks/B309-simple.xml.

Event	Condition	Updates

Fig. 4. Events of Networks/B309-simple.xml.

Name	Kinetic Expression	Comment
	0	
r0	env $k0 E$	
r2	env $k2 R \ S$	
r3	env $k3 E_p \ Km3 + E_p$	
r4	env $k4 R \ E \ Km4 + E$	

Fig. 6. Reactions of Networks/B309-simple.xml

1.1 What Else

Comments to be treated

Role	Species	Id	Initial Value	Comment
Metabolites	R	R	0	
Algebraic variables	S	S		
	Ep	Ep	$(Et - E)$	
	E	E	$Et \text{ goldbeter_koshland}(k_3, k_4 \mathbf{R}, J_3, J_4)$	

Fig. 5. Species of Networks/B309-simple.xml.