

Genomic Object Net Project

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File Edit View Dialog Window Debug



XML Technology - biopathway description in XML format - XML visualization of simulation results

http://www.GenomicObject.Net/

Place Fixture Name Fixt, Variable Fixt,

Genomic Object Net version 1.0











lac Operon Gene Regulatory Mechanism and Glycolytic Pathway





Apoptosis induced by Fas ligand





Regulatory Pathway for Cell Cycle of Budding Yeast





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	22 Substance //CELL/CYTOPLASM XT Substance XT	Entry name : /CELL/CYTOPLASM:P1
	23 Substance /CELL/CVTOPLASM Vt Substance Vt	Name : Substance P1
3 	24 Type Class path ID Name 25 Reactor NuclearComplex Reactor (CELL/CYTOPLASM C-0 Transport C	
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4	•04	@DATA:2001 July
		%VERSION:ecs-v1,0.1
		BRIEF DESCRIPTION: A reactor for the MichaelisMenten in circadian Rhythm of 2
		Drosophila.
		Vvspace{0.2cm}
		This reactor is applicabe to the following reaction sequence.
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	ula via via via via via via vi	\$S+E
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		@EQUATION:\$\$v = v_{m}\frac{[S]}{K_{m}+[S]} v_{m}=K_{cat}[E]t\$\$
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(-0.	4	
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Rule file (Spread Sheet)









Lambda phage genetic switch feedback mechanism







lac operon genetic switch control









lac Operon Gene Regulatory Mechanism and Glycolytic Pathway























Gene Regulatory mechanism of *Drosophila* Circadian Clock



Gene Regulatory mechanism of *Drosophila* Circadian Clock





Cry ック ウト











Sato, T.K., *et al.*, A functional genomics strategy reveals Rora as a component of the mammalian circadian clock, *Neuron*, 43, pp.527-537, 2004.

Akashi, M., Takumi, T., The orphan nuclear receptor ROR regulates circadian transcription of the mammalian core-clock *Bmal1*, *Nature Structural* Molecular Biology, Published online: 10 April 2005, http://www.nature.com/nsmb/journal /vaop/ncurrent/abs/nsmb925.html.







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