

Exemplo: Kegg Orthology



ORTHOLOGY K00134

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Entry	K00134	KO
Name	GAPDH, gapA	
Definition	glyceraldehyde 3-phosphate dehydrogenase [EC:1.2.1.12]	
Pathway	ko00010 Glycolysis / Gluconeogenesis ko00710 Carbon fixation in photosynthetic organisms ko01200 Carbon metabolism ko01230 Biosynthesis of amino acids ko04066 HIF-1 signaling pathway ko05010 Alzheimer's disease	
Module	M00001 Glycolysis (Embden-Meyerhof pathway), glucose => pyruvate M00002 Glycolysis, core module involving three-carbon compounds M00003 Gluconeogenesis, oxaloacetate => fructose-6P M00165 Reductive pentose phosphate cycle (Calvin cycle) M00166 Reductive pentose phosphate cycle, ribulose-5P => glyceraldehyde-3P M00308 Semi-phosphorylative Entner-Doudoroff pathway, gluconate => glycerate-3P M00552 D-galactonate degradation, De Ley-Doudoroff pathway, D-galactonate => glycerate-3P	
Brite	KEGG Orthology (KO) [BR: ko00001] Metabolism Overview 01200 Carbon metabolism K00134 GAPDH, gapA; glyceraldehyde 3-phosphate dehydrogenase 01230 Biosynthesis of amino acids K00134 GAPDH, gapA; glyceraldehyde 3-phosphate dehydrogenase Carbohydrate metabolism 00010 Glycolysis / Gluconeogenesis K00134 GAPDH, gapA; glyceraldehyde 3-phosphate dehydrogenase Energy metabolism 00710 Carbon fixation in photosynthetic organisms K00134 GAPDH, gapA; glyceraldehyde 3-phosphate dehydrogenase	

All links

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Pathway (8975)
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Chemical reaction (3)
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Como funciona a busca?

- Stathmin - STMN1

level1	level2	pathway	ko	ko	id
Cellular Processes	Cell Growth and Death	Cell cycle	K04381	K04381	hsa:3925
Cellular Processes	Cell Growth and Death	Cell cycle	K04503	K04381	ptr:456650
Cellular Processes	Cell Growth and Death	Cell cycle	K10151	K04381	mmu:16765
Cellular Processes	Cell Growth and Death	Cell cycle	K10152	K04381	rno:29332
Cellular Processes	Cell Growth and Death	Cell cycle	K02089	K04381	rno:303471
Cellular Processes	Cell Growth and Death	Cell cycle	K02091	K04381	cfa:478175
Cellular Processes	Cell Growth and Death	Cell cycle	K06618	K04381	bta:539789
Cellular Processes	Cell Growth and Death	Cell cycle	K04681	K04381	bta:616317
Cellular Processes	Cell Growth and Death	Cell cycle	K06619	K04381	ssc:494463
Cellular Processes	Cell Growth and Death	Cell cycle	K06067	K04381	ecb:100057411
Cellular Processes	Cell Growth and Death	Cell cycle	K06620	K04381	mdo:100011564
Cellular Processes	Cell Growth and Death	Cell cycle	K09389	K04381	oaa:100083723
Cellular Processes	Cell Growth and Death	Cell cycle	K04682	K04381	gga:396057
Cellular Processes	Cell Growth and Death	Cell cycle	K04683	K04381	xla:380364
Cellular Processes	Cell Growth and Death	Cell cycle	K09392	K04381	xla:397962
Cellular Processes	Cell Growth and Death	Cell cycle	K03083	K04381	xtr:493340
Cellular Processes	Cell Growth and Death	Cell cycle	K04384	K04381	dre:550548
Cellular Processes	Cell Growth and Death	Cell cycle	K04500	K04381	spu:579431
Cellular Processes	Cell Growth and Death	Cell cycle	K04501	K04381	dme:Dmel_CG31641
Cellular Processes	Cell Growth and Death	Cell cycle	K04377		
Cellular Processes	Cell Growth and Death	Cell cycle	K10500		
Cellular Processes	Cell Growth and Death	Cell cycle	K06621		