

















KEGG diagram legend

Edge Types

compound	
hidden compound	
activation	
inhibition	
expression	
repression	
indirect effect	
state change	
binding/association	
dissociation	
phosphorylation	
dephosphorylation	
glycosylation	
ubiquitination	
methylation	
others/unknown	

Node Types

gene
(protein/enzyme)



group
(complex)



compound
(metabolite/glycan)



map
(pathway)

Pathway name