

## KEGG Pathways Significantly Faster or Slower Evolutionary Rates than background in Anthozoans

Major KEGG Category	Minor KEGG Category	KEGG Pathway
Faster		
Cellular Processes	Cell motility	Bacterial chemotaxis (map02030)
Environmental Information Processing	Membrane transport	ABC transporters (map02010)
Environmental Information Processing	Membrane transport	Bacterial secretion system (map03070)
Environmental Information Processing	Signal transduction	Two-component system (map02020)
Genetic Information Processing	Replication and repair	Nucleotide excision repair (map03420)
Genetic Information Processing	Transcription	RNA polymerase (map03020)
Genetic Information Processing	Translation	Ribosome (map03010)
Metabolism	Amino acid metabolism	Lysine biosynthesis (map00300)
Organismal Systems	Nervous system	Retrograde endocannabinoid signaling (map04723)
Slower		
Environmental Information Processing	Signal transduction	MAPK signaling pathway (map04010)
Environmental Information Processing	Signal transduction	MAPK signaling pathway - fly (map04013)
Environmental Information Processing	Signal transduction	Notch signaling pathway (map04330)
Metabolism	Carbohydrate metabolism	Ascorbate and aldarate metabolism (map00053)
Metabolism	Carbohydrate metabolism	Butanoate metabolism (map00650)

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Metabolism	Lipid metabolism	Fatty acid degradation (map00071)
Metabolism	Metabolism of other amino acids	beta-Alanine metabolism (map00410)
Organismal Systems	Immune system	Toll-like receptor signaling pathway (map04620)