

Biological Processes	Subprocess	Sub-subprocess	# genes	Percent of gene hit against total # genes	Percent of gene hit against total # Pathway hits
metabolic process (GO:0008152)			49	62.00%	39.80%
	nitrogen compound metabolic process (GO:0006807)		2	4.10%	3.90%
	phosphate-containing compound metabolic process (GO:0006796)		1	0.02	2.00%
	generation of precursor metabolites and energy (GO:0006091)		10	0.204	0.196
	primary metabolic process (GO:0044238)		34	69.40%	0.667
		nucleobase-containing compound metabolic process (GO:0006139)	6	0.176	0.15
		lipid metabolic process (GO:0006629)	9	0.265	0.225
		cellular amino acid metabolic process (GO:0006520)	2	0.059	0.05
		protein metabolic process (GO:0019538)	15	0.441	0.375
		tricarboxylic acid cycle (GO:0006099)	2	0.059	0.05
		carbohydrate metabolic process (GO:0005975)	6	0.176	0.15
	coenzyme metabolic process (GO:0006732)		2	4.10%	0.039
	sulfur compound metabolic process (GO:0006790)		2	4.10%	3.90%
cellular process (GO:0009987)			18	22.80%	14.60%
cellular component organization or biogenesis (GO:0071840)			11	13.90%	8.90%
localization (GO:0051179)			9	11.40%	7.30%
apoptotic process (GO:0006915)			1	1.30%	0.80%
biological regulation (GO:0065007)			5	6.30%	4.10%
response to stimulus (GO:0050896)			9	11.40%	7.30%
developmental process (GO:0032502)			8	10.10%	6.50%
multicellular organismal process (GO:0032501)			4	5.10%	3.30%
biological adhesion (GO:0022610)			1	1.30%	0.80%
immune system process (GO:0002376)			8	10.10%	6.50%

Molecular Function	# genes	Percent of gene hit against total # genes	Percent of gene hit against total # Pathway hits
catalytic activity (GO:0003824)	37	46.80%	48.70%
oxidoreductase activity (GO:0016491)	17	45.90%	37.00%
transferase activity (GO:0016740)	12	32.40%	26.10%
hydrolase activity (GO:0016787)	10	27.00%	21.70%
ligase activity (GO:0016874)	1	2.70%	2.20%
enzyme regulator activity (GO:0030234)	4	10.80%	8.70%
lyase activity (GO:0016829)	1	2.70%	2.20%
isomerase activity (GO:0016853)	1	2.70%	2.20%
binding (GO:0005488)	19	24.10%	25.00%
nucleic acid binding transcription factor activity (GO:0001071)	1	1.30%	1.30%
receptor activity (GO:0004872)	3	3.80%	3.90%
enzyme regulator activity (GO:0030234)	4	5.10%	5.30%
structural molecule activity (GO:0005198)	7	8.90%	9.20%
antioxidant activity (GO:0016209)	1	1.30%	1.30%
transporter activity (GO:0005215)	4	5.10%	5.30%