

ID	KOG Annotation (functional category)	Phytozome		Gene Ontology		Category
		Relative	Normalized	Relative	Normalized	
N	Cell motility	0.0010%	0.007%	0.0007%	0.002%	2
W	Extracellular structures	0.0051%	0.022%	0.0046%	0.008%	2
Y	Nuclear structure	0.0064%	0.038%	0.0039%	0.009%	2
V	Defense mechanisms	0.0126%	0.054%	0.0121%	0.016%	2
H	Coenzyme transport and metabolism	0.0279%	0.173%	0.0174%	0.068%	3
F	Nucleotide transport and metabolism	0.0287%	0.175%	0.0177%	0.060%	3
L	Replication, recombination and repair	0.0387%	0.261%	0.0339%	0.135%	1
M	Cell wall/membrane/envelope biogenesis	0.0417%	0.275%	0.0214%	0.083%	2
Q	Secondary metabolites biosynthesis, transport and catabolism	0.0655%	0.304%	0.0624%	0.138%	3
I	Lipid transport and metabolism	0.0690%	0.324%	0.0595%	0.119%	3
P	Inorganic ion transport and metabolism	0.0740%	0.454%	0.0523%	0.195%	3
E	Amino acid transport and metabolism	0.1008%	0.554%	0.0674%	0.171%	3
D	Cell cycle control, cell division, chromosome partitioning	0.0651%	0.623%	0.0564%	0.508%	2
K	Transcription	0.1172%	0.747%	0.1166%	0.407%	1
S	Function unknown	0.1034%	0.757%	0.0883%	0.482%	0
A	RNA processing and modification	0.0967%	0.790%	0.0772%	0.500%	1
G	Carbohydrate transport and metabolism	0.1665%	1.050%	0.0984%	0.360%	3
C	Energy production and conversion	0.2230%	3.016%	0.1654%	2.848%	3
T	Signal transduction mechanisms	0.3436%	3.607%	0.2510%	2.841%	2
U	Intracellular trafficking, secretion, and vesicular transport	0.3230%	4.427%	0.2437%	4.295%	2
Z	Cytoskeleton	0.2885%	5.924%	0.2735%	6.522%	2
NO_CAT	NOT CATEGORIZED	1.0289%	6.103%	1.2400%	4.272%	0
B	Chromatin structure and dynamics	0.5128%	12.626%	0.5370%	14.032%	1
J	Translation, ribosomal structure and biogenesis	1.0078%	17.825%	0.9088%	18.815%	1
R	General function prediction only	1.0728%	18.915%	1.1205%	20.423%	0
O	Posttranslational modification, protein turnover, chaperones	1.1248%	20.949%	1.1113%	22.691%	2
POORLY CHARACTERIZED		2.205%	25.78%	2.449%	25.18%	0
INFORMATION STORAGE AND PROCESSING		1.773%	32.25%	1.674%	33.89%	1
CELLULAR PROCESSES AND SIGNALING		2.212%	35.93%	1.979%	36.98%	2
METABOLISM		0.755%	6.05%	0.541%	3.96%	3
Total		6.95%	100.00%	6.64%	100.00%	
Spearman's rank correlation coefficient		0.9815	1.0000	0.9756	0.9800	