

ID	KOG Annotation (functional category)	Eudicot	Monocot	Alga	Other	Global	Category
N	Cell motility	0.010%	0.004%	0.000%	0.000%	0.007%	2
W	Extracellular structures	0.035%	0.000%	0.000%	0.000%	0.022%	2
Y	Nuclear structure	0.061%	0.003%	0.000%	0.000%	0.038%	2
V	Defense mechanisms	0.088%	0.000%	0.000%	0.000%	0.054%	2
H	Coenzyme transport and metabolism	0.270%	0.027%	0.000%	0.007%	0.173%	3
F	Nucleotide transport and metabolism	0.271%	0.012%	0.060%	0.020%	0.175%	3
L	Replication, recombination and repair	0.367%	0.046%	0.233%	0.078%	0.261%	1
M	Cell wall/membrane/envelope biogenesis	0.433%	0.030%	0.015%	0.014%	0.275%	2
Q	Secondary metabolites biosynthesis, transport and catabolism	0.456%	0.057%	0.074%	0.058%	0.304%	3
I	Lipid transport and metabolism	0.510%	0.026%	0.039%	0.016%	0.324%	3
P	Inorganic ion transport and metabolism	0.667%	0.175%	0.000%	0.000%	0.454%	3
E	Amino acid transport and metabolism	0.867%	0.076%	0.000%	0.058%	0.554%	3
D	Cell cycle control, cell division, chromosome partitioning	0.852%	0.359%	0.000%	0.189%	0.623%	2
K	Transcription	1.088%	0.295%	0.000%	0.094%	0.747%	1
S	Function unknown	1.033%	0.414%	0.000%	0.399%	0.757%	0
A	RNA processing and modification	1.099%	0.362%	0.064%	0.393%	0.790%	1
G	Carbohydrate transport and metabolism	1.627%	0.188%	0.000%	0.058%	1.050%	3
C	Energy production and conversion	3.601%	2.885%	0.019%	1.573%	3.016%	3
T	Signal transduction mechanisms	4.438%	3.213%	0.300%	0.853%	3.607%	2
U	Intracellular trafficking, secretion, and vesicular transport	5.450%	3.624%	0.743%	2.129%	4.427%	2
Z	Cytoskeleton	5.988%	7.403%	1.155%	5.993%	5.924%	2
NO_CAT	NOT CATEGORIZED	8.615%	2.820%	0.273%	1.648%	6.103%	0
B	Chromatin structure and dynamics	9.418%	13.076%	33.718%	12.746%	12.626%	1
J	Translation, ribosomal structure and biogenesis	17.122%	18.906%	18.253%	20.530%	17.825%	1
R	General function prediction only	16.690%	21.928%	22.426%	25.565%	18.915%	0
O	Posttranslational modification, protein turnover, chaperones	18.943%	24.072%	22.627%	27.580%	20.949%	2
POORLY CHARACTERIZED		26.338%	25.162%	22.699%	27.612%	25.775%	0
INFORMATION STORAGE AND PROCESSING		29.094%	32.685%	52.268%	33.842%	32.248%	1
CELLULAR PROCESSES AND SIGNALING		36.299%	38.708%	24.840%	36.757%	35.927%	2
METABOLISM		8.270%	3.445%	0.192%	1.790%	6.050%	3
Total		100.00%	100.00%	100.00%	100.00%	100.00%	