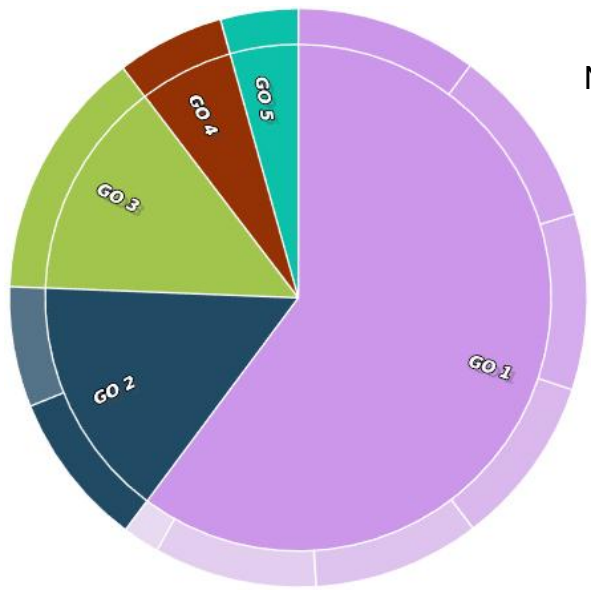


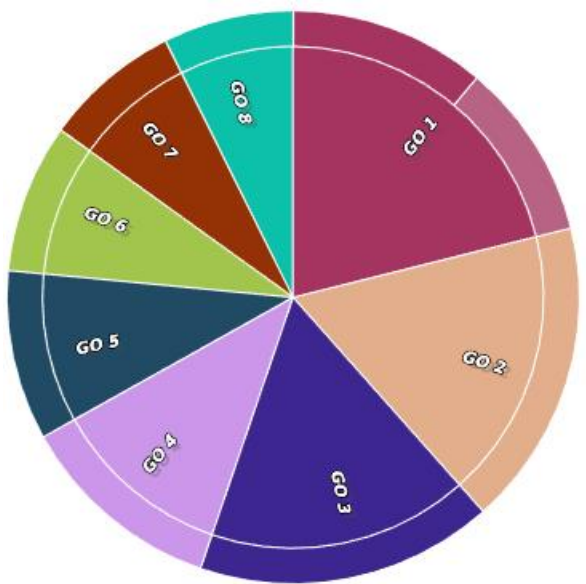
A



Name and Proportion of the Molecular Function (Inner Ring)

- GO1 thylakoid membrane, 60.2%
- GO2 plastid membrane, 15.4%
- GO3 thylakoid, 14.0%
- GO4 apoplast, 6.0%
- GO5 extracellular region, 4.3%

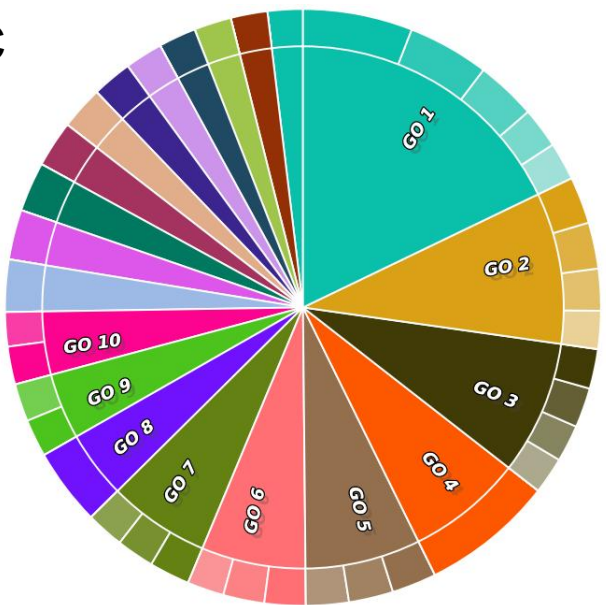
B



Name and Proportion of the Cellular Component (Inner Ring)

- GO1 transition metal ion binding, 21.1%
- GO2 chlorophyll binding, 17.3%
- GO3 pigment binding, 16.8%
- GO4 copper ion binding, 11.7%
- GO5 tetrapyrrole binding, 9.6%
- GO6 protein domain specific binding, 8.4%
- GO7 phosphoric ester hydrolase activity, 7.7%
- GO8 oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor, 7.4%

C



Name and Proportion of the Biological Process (Inner ring)

- GO1 photosynthesis, light reaction, 17.9%
- GO2 monocarboxylic acid metabolic process, 9.4%
- GO3 porphyrin-containing compound metabolic process, 8.3%
- GO4 photosynthesis, 7.2%
- GO5 response to fatty acid, 7.2%
- GO6 response to low light intensity stimulus, 6.5%
- GO7 nicotinamide nucleotide metabolic process, 6.3%
- GO8 generation of precursor metabolites and energy, 4.2%
- GO9 fat-soluble vitamin biosynthetic process, 4.1%
- GO10 phenol-containing compound metabolic process, 3.9%
- response to wounding, 2.8%
- pigment metabolic process, 2.7%
- amino acid metabolic process, 2.7%
- response to cadmium ion, 2.5%
- regulation of photosynthesis, light reaction, 2.3%
- intracellular monoatomic cation homeostasis, 2.2%
- sulfur compound biosynthetic process, 2.0%
- regulation of photosynthesis, 2.0%
- regulation of generation of precursor metabolites and energy, 2.0%
- tetrapyrrole metabolic process, 2.0%
- benzene-containing compound metabolic process, 1.9%