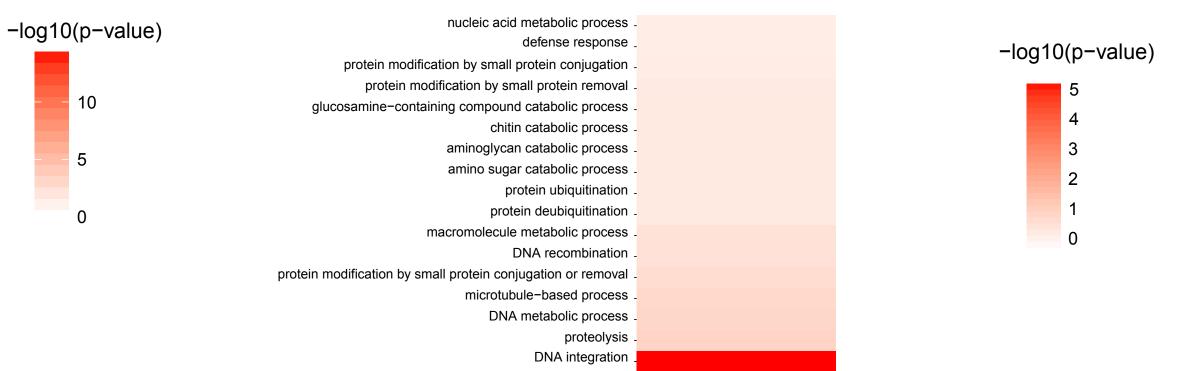
Singleton genes



Accessory genes

-log10(p-value)	transmembrane transport	
	thiamine-containing compound biosynthetic process	
- 3	thiamine biosynthetic process	
5	cellular chemical homeostasis	
2	metal ion transport	
2	phosphorylation .	
	protein metabolic process	
- 1	protein modification process	
	cellular protein modification process	
0	thiamine-containing compound metabolic process	
	thiamine metabolic process .	
	amide transport .	
	protein modification by small protein conjugation or removal	
	urea transport	
	urea transmembrane transport	
	one-carbon compound transport	
	protein phosphorylation	
	protein modification by small protein conjugation	
	DNA integration	
	protein ubiquitination	

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Core genes

cellular metabolic process -

- cell cycle process -
- lipoprotein metabolic process -
- DNA-dependent DNA replication
 - intracellular transport -
- single-organism organelle organization ·
- establishment of localization in cell
 - nucleotide metabolic process
- organic substance biosynthetic process organic hydroxy compound metabolic process
 - response to stimulus
 - alcohol metabolic process -
 - organic substance transport
 - protein folding
 - biosynthetic process
 - translational initiation
 - rRNA processing ·
 - rRNA metabolic process
 - tRNA processing
 - phosphorelay signal transduction system
 - mitotic cell cycle process
 - mitotic cell cycle ·
 - cellular protein localization -
 - cellular macromolecule localization
 - nucleoside phosphate metabolic process
 - mRNA processing
 - intracellular signal transduction
 - fatty acid biosynthetic process
 - dephosphorylation
 - alpha-amino acid biosynthetic process
 - cellular response to stimulus ·
 - RNA splicing
 - phosphatidylinositol metabolic process
 - glycerophospholipid metabolic process
 - macromolecule methylation
 - DNA-templated transcription, initiation
 - organelle organization ·
 - cellular localization
 - vesicle-mediated transport
 - glycerolipid metabolic process
 - protein transport
 - macromolecule localization
 - cellular amino acid biosynthetic process
 - ncRNA metabolic process
 - RNA processing
 - establishment of protein localization
 - mRNA metabolic process
 - DNA replication
 - cell cycle
 - cellular process
 - phospholipid biosynthetic process
 - single-organism metabolic process
 - pyridine nucleotide metabolic process
 - nicotinamide nucleotide metabolic process
 - fatty acid metabolic process
 - protein localization
- cellular component organization or biogenesis
 - chromatin organization
 - ncRNA processing
- pyridine-containing compound metabolic process
 - cellular component organization
 - phospholipid metabolic process
 - monocarboxylic acid metabolic process
 - cellular amino acid metabolic process
 - organophosphate metabolic process
 - organic acid biosynthetic process
 - single-organism biosynthetic process
 - oxidoreduction coenzyme metabolic process
 - carboxylic acid biosynthetic process
 - small molecule biosynthetic process
 - lipid metabolic process
 - single-organism process
 - small molecule metabolic process
 - lipid biosynthetic process
 - cellular lipid metabolic process organic acid metabolic process
 - single-organism cellular process
 - carboxylic acid metabolic process
 - oxoacid metabolic process