GO terms enrichment of downregulated genes of Lc. piscium
0°C
4°C
14°C
28°C
leucine biosynthetic process
amino sugar metabolic process
carbohydrate catabolic process
small molecule catabolic process
protein metabolic process
proteolysis
peptide transport
transmembrane transport
methionine biosynthetic process
NAD biosynthetic process
polysaccharide catabolic process
methylation
glucose metabolic process
pyrimidine ribonucleoside metabolic process
histidine biosynthetic process
energy derivation by oxidation of organic compounds
glucan biosynthetic process
cell redox homeostasis
cellular oxidant detoxification
cofactor metabolic process
cellular response to stress
sulfur compound metabolic process
organophosphate metabolic process
PTS
cellular catabolic process
glycerol metabolic process
carbohydrate metabolic process
carbohydrate derivative catabolic process
response to oxidative stress
protein folding
tryptophan biosynthetic process
ATP hydrolysis coupled cation transmembrane
ATP biosynthetic process
energy coupled proton transport
oxidation-reduction process
alcohol catabolic process
hexose metabolic process
'de novo' pyrimidine nucleobase biosynthetic process
'de novo' UMP biosynthetic process
amino sugar biosynthetic process
electron transport chain
negative regulation of transcription, DNA-templated
nucleotide-sugar biosynthetic process
arginine biosynthetic process
cellular ketone metabolic process
glycolytic process
5' 35' 185' 5' 35' 185' 5' 35' 185' 5' 35' 185'
0.1
0.08
0.06
0.04
0.02