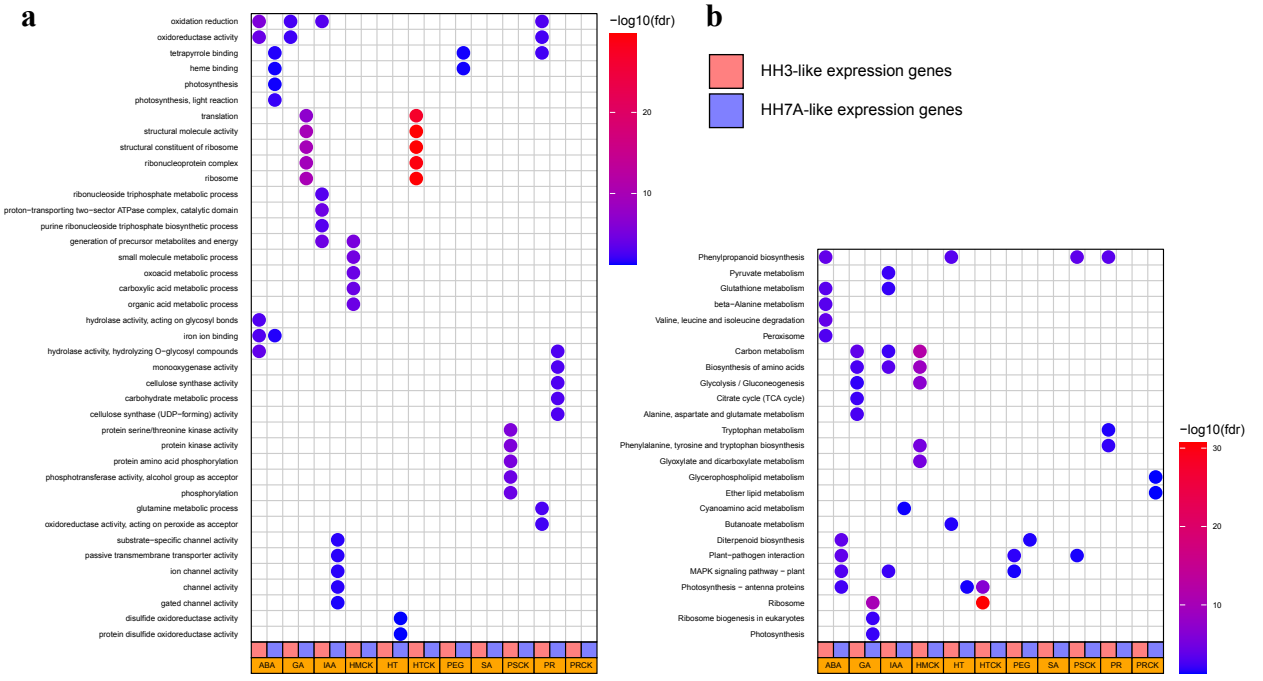
a
oxidation reduction
oxidoreductase activity
tetrapyrrole binding
heme binding
photosynthesis
photosynthesis, light reaction
translation
structural molecule activity
structural constituent of ribosome
ribonucleoprotein complex
ribosome
ribonucleoside triphosphate metabolic process
proton−transporting two−sector ATPase complex, catalytic domain
purine ribonucleoside triphosphate biosynthetic process
generation of precursor metabolites and energy
small molecule metabolic process
oxoacid metabolic process
carboxylic acid metabolic process
organic acid metabolic process
hydrolase activity, acting on glycosyl bonds
iron ion binding
hydrolase activity, hydrolyzing O−glycosyl compounds
monooxygenase activity
cellulose synthase activity
carbohydrate metabolic process
cellulose synthase (UDP−forming) activity
protein serine/threonine kinase activity
protein kinase activity
protein amino acid phosphorylation
phosphotransferase activity, alcohol group as acceptor
phosphorylation
glutamine metabolic process
oxidoreductase activity, acting on peroxide as acceptor
substrate−specific channel activity
passive transmembrane transporter activity
ion channel activity
channel activity
gated channel activity
disulfide oxidoreductase activity
protein disulfide oxidoreductase activity
ABA
GA
IAA
HMCK
HT
HTCK
PEG
SA
PSCK
PR
PRCK
−log10(fdr)
20
10
b
HH3-like expression genes
HH7A-like expression genes
Phenylpropanoid biosynthesis
Pyruvate metabolism
Glutathione metabolism
beta−Alanine metabolism
Valine, leucine and isoleucine degradation
Peroxisome
Carbon metabolism
Biosynthesis of amino acids
Glycolysis / Gluconeogenesis
Citrate cycle (TCA cycle)
Alanine, aspartate and glutamate metabolism
Tryptophan metabolism
Phenylalanine, tyrosine and tryptophan biosynthesis
Glyoxylate and dicarboxylate metabolism
Glycerophospholipid metabolism
Ether lipid metabolism
Cyanoamino acid metabolism
Butanoate metabolism
Diterpenoid biosynthesis
Plant−pathogen interaction
MAPK signaling pathway − plant
Photosynthesis − antenna proteins
Ribosome
Ribosome biogenesis in eukaryotes
Photosynthesis
ABA
GA
IAA
HMCK
HT
HTCK
PEG
SA
PSCK
PR
PRCK
−log10(fdr)
30
20
10