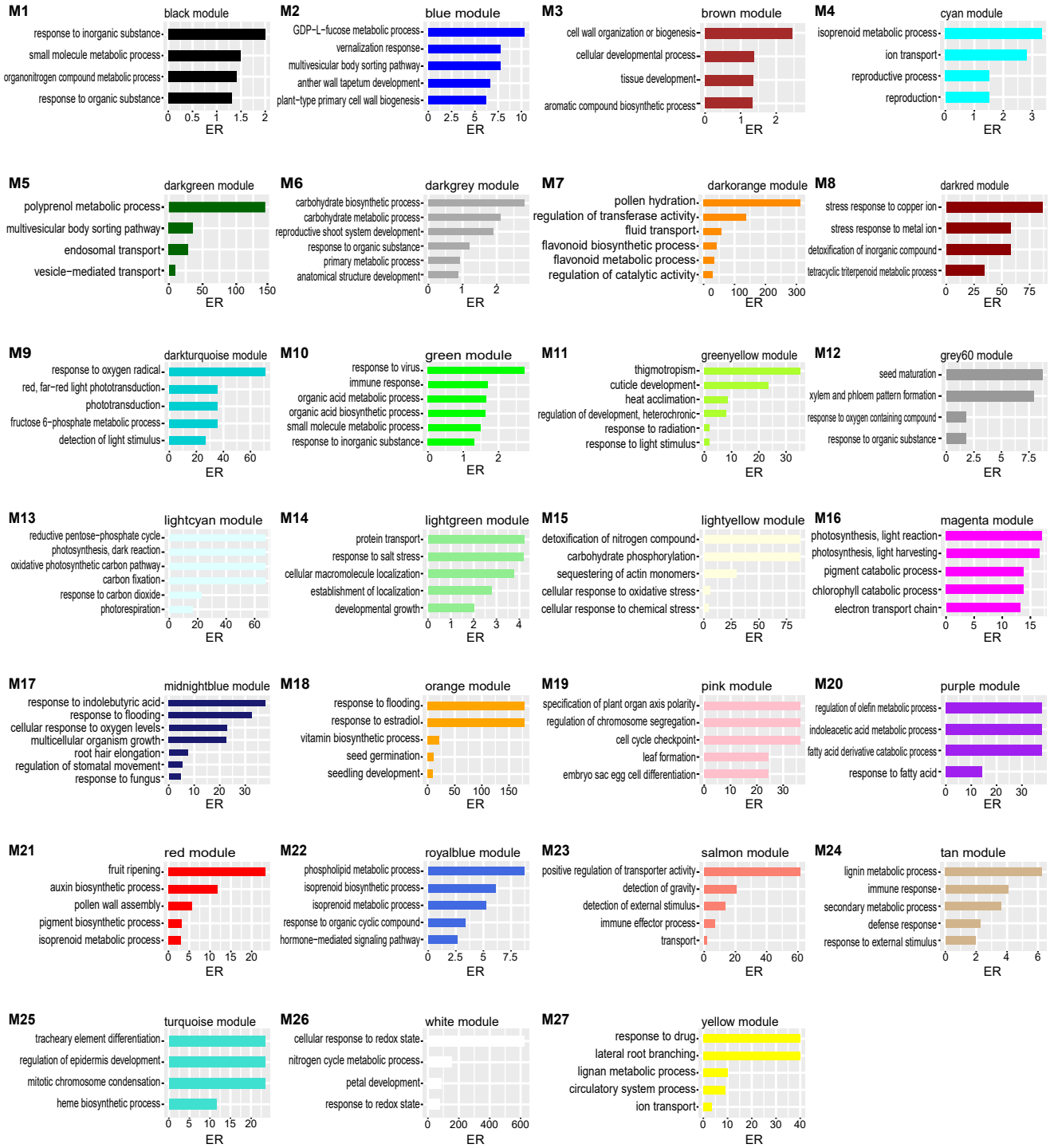
M1
black module
response to inorganic substance
small molecule metabolic process
organonitrogen compound metabolic process
response to organic substance
0 0.5 1 1.5 2
ER
M2
blue module
GDP−L−fucose metabolic process
vernalization response
multivesicular body sorting pathway
anther wall tapetum development
plant−type primary cell wall biogenesis
0 2.5 5 7.5 10
ER
M3
brown module
cell wall organization or biogenesis
cellular developmental process
tissue development
aromatic compound biosynthetic process
0 1 2
ER
M4
cyan module
isoprenoid metabolic process
ion transport
reproductive process
reproduction
0 1 2 3
ER
M5
darkgreen module
polyprenol metabolic process
multivesicular body sorting pathway
endosomal transport
vesicle−mediated transport
0 50 100 150
ER
M6
darkgrey module
carbohydrate biosynthetic process
carbohydrate metabolic process
reproductive shoot system development
response to organic substance
primary metabolic process
anatomical structure development
0 1 2
ER
M7
darkorange module
pollen hydration
regulation of transferase activity
fluid transport
flavonoid biosynthetic process
flavonoid metabolic process
regulation of catalytic activity
0 100 200 300
ER
M8
darkred module
stress response to copper ion
stress response to metal ion
detoxification of inorganic compound
tetracyclic triterpenoid metabolic process
0 25 50 75
ER
M9
darkturquoise module
response to oxygen radical
red, far−red light phototransduction
phototransduction
fructose 6−phosphate metabolic process
detection of light stimulus
0 20 40 60
ER
M10
green module
response to virus
immune response
organic acid metabolic process
organic acid biosynthetic process
small molecule metabolic process
response to inorganic substance
0 1 2
ER
M11
greenyellow module
thigmotropism
cuticle development
heat acclimation
regulation of development, heterochronic
response to radiation
response to light stimulus
0 10 20 30
ER
M12
grey60 module
seed maturation
xylem and phloem pattern formation
response to oxygen containing compound
response to organic substance
0 2.5 5 7.5
ER
M13
lightcyan module
reductive pentose−phosphate cycle
photosynthesis, dark reaction
oxidative photosynthetic carbon pathway
carbon fixation
response to carbon dioxide
photorespiration
0 20 40 60
ER
M14
lightgreen module
protein transport
response to salt stress
cellular macromolecule localization
establishment of localization
developmental growth
0 1 2 3 4
ER
M15
lightyellow module
detoxification of nitrogen compound
carbohydrate phosphorylation
sequestering of actin monomers
cellular response to oxidative stress
cellular response to chemical stress
0 25 50 75
ER
M16
magenta module
photosynthesis, light reaction
photosynthesis, light harvesting
pigment catabolic process
chlorophyll catabolic process
electron transport chain
0 5 10 15
ER
M17
midnightblue module
response to indolebutyric acid
response to flooding
cellular response to oxygen levels
multicellular organism growth
root hair elongation
regulation of stomatal movement
response to fungus
0 10 20 30
ER
M18
orange module
response to flooding
response to estradiol
vitamin biosynthetic process
seed germination
seedling development
0 50 100 150
ER
M19
pink module
specification of plant organ axis polarity
regulation of chromosome segregation
cell cycle checkpoint
leaf formation
embryo sac egg cell differentiation
0 10 20 30
ER
M20
purple module
regulation of olefin metabolic process
indoleacetic acid metabolic process
fatty acid derivative catabolic process
response to fatty acid
0 10 20 30
ER
M21
red module
fruit ripening
auxin biosynthetic process
pollen wall assembly
pigment biosynthetic process
isoprenoid metabolic process
0 5 10 15 20
ER
M22
royalblue module
phospholipid metabolic process
isoprenoid biosynthetic process
isoprenoid metabolic process
response to organic cyclic compound
hormone−mediated signaling pathway
0 2.5 5 7.5
ER
M23
salmon module
positive regulation of transporter activity
detection of gravity
detection of external stimulus
immune effector process
transport
0 20 40 60
ER
M24
tan module
lignin metabolic process
immune response
secondary metabolic process
defense response
response to external stimulus
0 2 4 6
ER
M25
turquoise module
tracheary element differentiation
regulation of epidermis development
mitotic chromosome condensation
heme biosynthetic process
0 5 10 15 20
ER
M26
white module
cellular response to redox state
nitrogen cycle metabolic process
petal development
response to redox state
0 200 400 600
ER
M27
yellow module
response to drug
lateral root branching
lignan metabolic process
circulatory system process
ion transport
0 10 20 30 40
ER