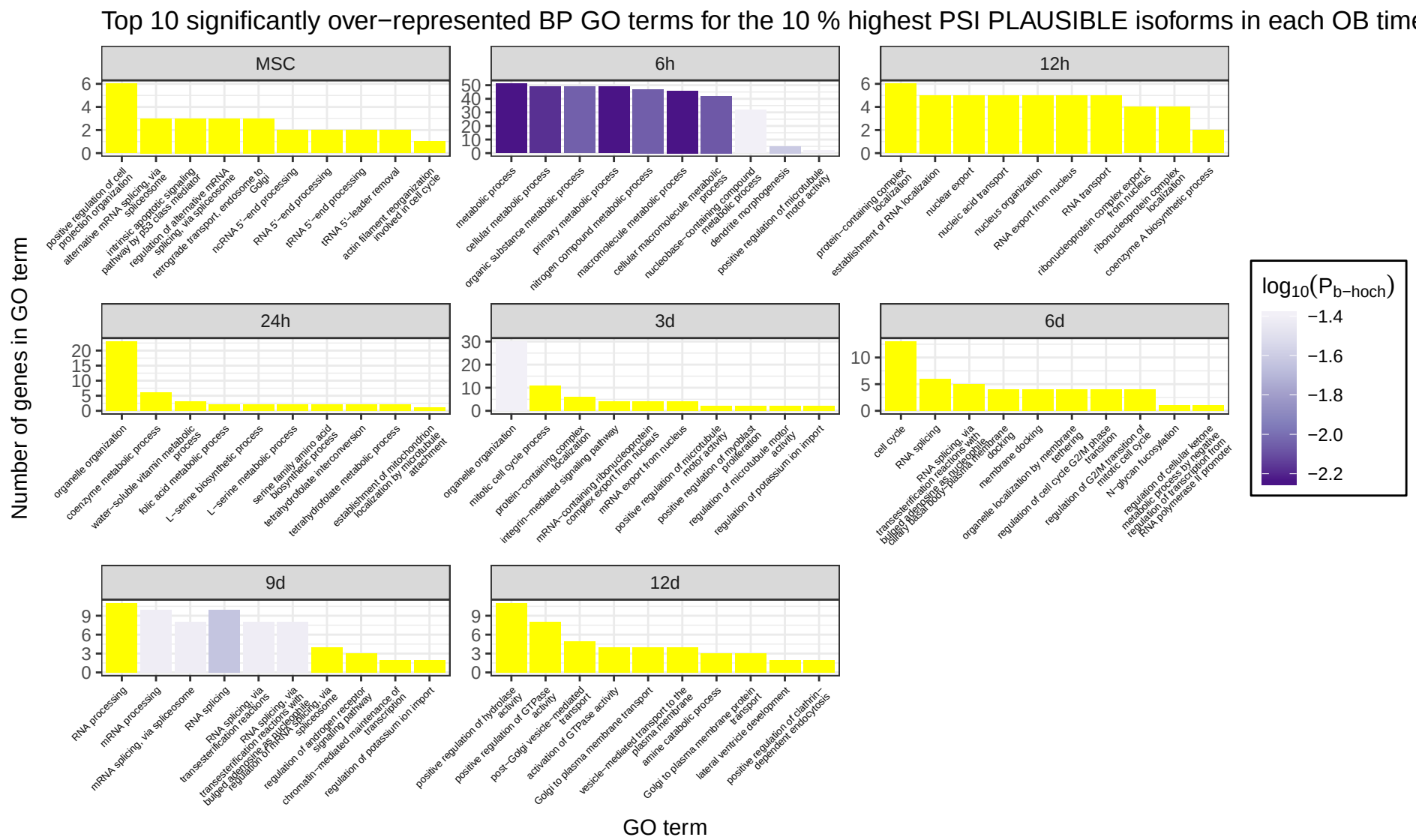
Top 10 significantly over−represented BP GO terms for the 10 % highest PSI PLAUSIBLE isoforms in each OB time
MSC
positive regulation of cell projection organization
alternative mRNA splicing, via spliceosome
intrinsic apoptotic signaling pathway by p53 class mediator
regulation of alternative mRNA splicing, via spliceosome
retrograde transport, endosome to Golgi
ncRNA 5'−end processing
RNA 5'−end processing
tRNA 5'−end processing
tRNA 5'−leader removal
actin filament reorganization involved in cell cycle
6h
metabolic process
cellular metabolic process
organic substance metabolic process
primary metabolic process
nitrogen compound metabolic process
macromolecule metabolic process
cellular macromolecule metabolic process
nucleobase−containing compound metabolic process
dendrite morphogenesis
positive regulation of microtubule motor activity
12h
protein−containing complex localization
establishment of RNA localization
nuclear export
nucleic acid transport
nucleus organization
RNA export from nucleus
RNA transport
ribonucleoprotein complex export from nucleus
ribonucleoprotein complex localization
coenzyme A biosynthetic process
24h
organelle organization
coenzyme metabolic process
water−soluble vitamin metabolic process
folic acid metabolic process
L−serine biosynthetic process
L−serine metabolic process
serine family amino acid biosynthetic process
tetrahydrofolate metabolic process
establishment of mitochondrion localization by microtubule attachment
3d
organelle organization
mitotic cell cycle process
protein−containing complex localization
integrin−mediated signaling pathway
mRNA−containing ribonucleoprotein complex export from nucleus
mRNA export from nucleus
positive regulation of microtubule motor activity
positive regulation of myoblast proliferation
regulation of microtubule motor activity
regulation of potassium ion import
6d
cell cycle
RNA splicing
RNA splicing, via transesterification reactions with bulged adenosine as nucleophile
ciliary basal body−plasma membrane docking
membrane docking
organelle localization by membrane tethering
regulation of cell cycle G2/M phase transition
regulation of G2/M transition of mitotic cell cycle
N−glycan fucosylation
regulation of cellular ketone metabolic process by negative regulation of transcription from RNA polymerase II promoter
9d
RNA processing
mRNA processing
mRNA splicing, via spliceosome
RNA splicing
RNA splicing, via transesterification reactions
RNA splicing, via transesterification reactions with bulged adenosine as nucleophile
regulation of mRNA splicing, via spliceosome
regulation of androgen receptor signaling pathway
chromatin−mediated maintenance of transcription
regulation of potassium ion import
12d
positive regulation of hydrolase activity
positive regulation of GTPase activity
post−Golgi vesicle−mediated transport
activation of GTPase activity
Golgi to plasma membrane transport
vesicle−mediated transport to the plasma membrane
amine catabolic process
Golgi to plasma membrane protein transport
lateral ventricle development
positive regulation of clathrin−dependent endocytosis
Number of genes in GO term
GO term
log10(Pb−hoch)
−1.4
−1.6
−1.8
−2.0
−2.2