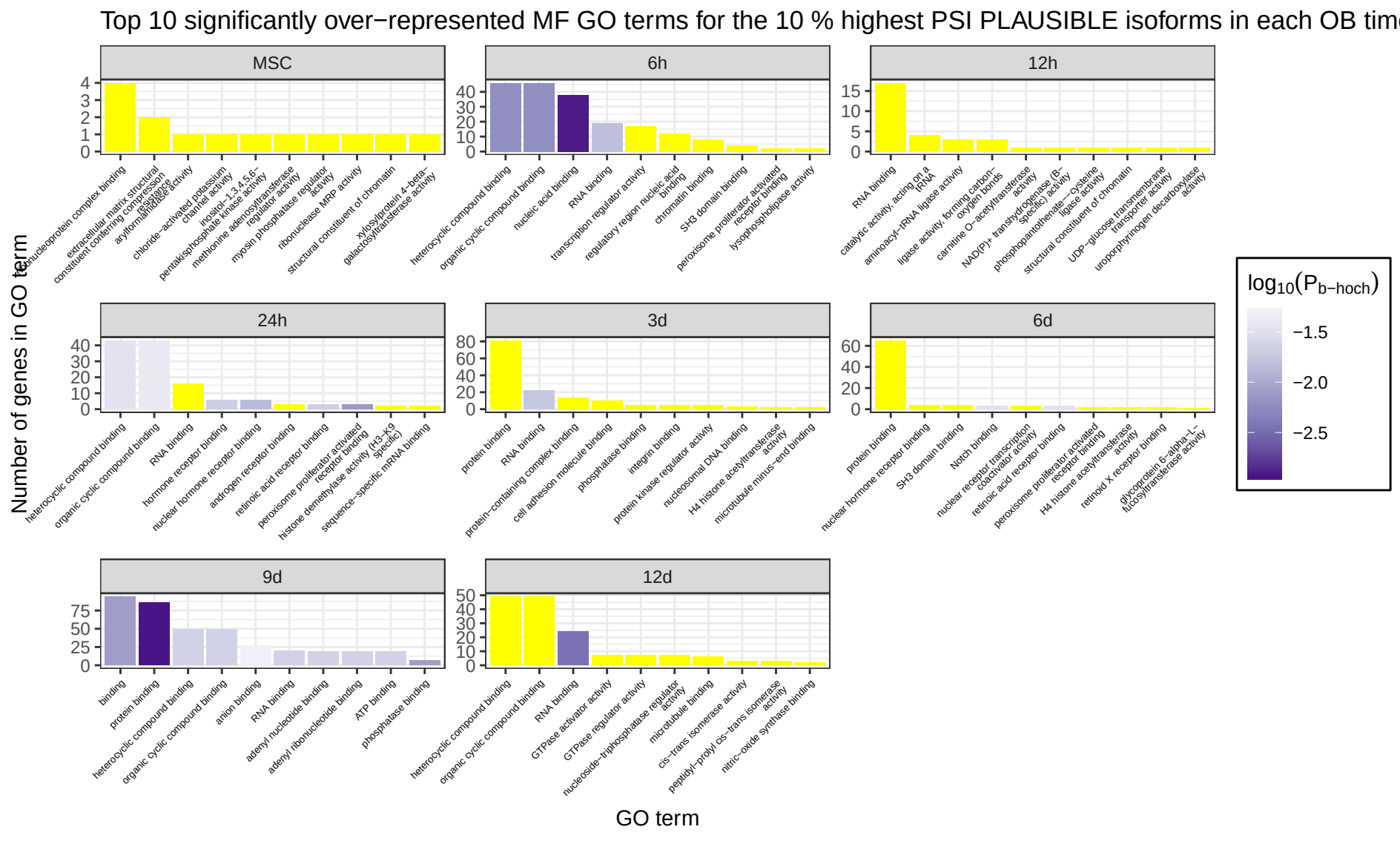
Top 10 significantly over−represented MF GO terms for the 10 % highest PSI PLAUSIBLE isoforms in each OB time
MSC
6h
12h
24h
3d
6d
9d
12d
Number of genes in GO term
GO term
log10(Pb−hoch)
−1.5
−2.0
−2.5
ribonucleoprotein complex binding
extracellular matrix structural constituent conferring compression resistance
aryltransferase activity
chloride−activated potassium channel activity
inositol−1,3,4,5,6−pentakisphosphate kinase activity
methionine adenosyltransferase regulator activity
myosin phosphatase regulator activity
ribonuclease MRP activity
structural constituent of chromatin
xylosylprotein 4−beta−galactosyltransferase activity
heterocyclic compound binding
organic cyclic compound binding
nucleic acid binding
RNA binding
transcription regulator activity
regulatory region nucleic acid binding
chromatin binding
SH3 domain binding
peroxisome proliferator activated receptor binding
lysophospholipase activity
RNA binding
catalytic activity, acting on a tRNA
aminoacyl−tRNA ligase activity
ligase activity, forming carbon−oxygen bonds
carnitine O−acetyltransferase activity
NAD(P)+ transhydrogenase (B−specific) activity
phosphopantothenate—cysteine ligase activity
structural constituent of chromatin
UDP−glucose transmembrane transporter activity
uroporphyrinogen decarboxylase activity
heterocyclic compound binding
organic cyclic compound binding
RNA binding
hormone receptor binding
nuclear hormone receptor binding
androgen receptor binding
retinoic acid receptor binding
peroxisome proliferator activated receptor binding
histone demethylase activity (H3−K9 specific)
sequence−specific mRNA binding
protein binding
RNA binding
protein−containing complex binding
cell adhesion molecule binding
phosphatase binding
integrin binding
protein kinase regulator activity
nucleosomal DNA binding
H4 histone acetyltransferase activity
microtubule minus−end binding
protein binding
nuclear hormone receptor binding
SH3 domain binding
Notch binding
nuclear receptor transcription coactivator activity
retinoic acid receptor binding
peroxisome proliferator activated receptor binding
H4 histone acetyltransferase activity
retinoid X receptor binding
glycoprotein 6−alpha−L−fucosyltransferase activity
binding
protein binding
heterocyclic compound binding
organic cyclic compound binding
anion binding
RNA binding
adenyl nucleotide binding
adenyl ribonucleotide binding
ATP binding
phosphatase binding
heterocyclic compound binding
organic cyclic compound binding
RNA binding
GTPase activator activity
GTPase regulator activity
nucleoside−triphosphatase regulator activity
microtubule binding
cis−trans isomerase activity
peptidyl−prolyl cis−trans isomerase activity
nitric−oxide synthase binding