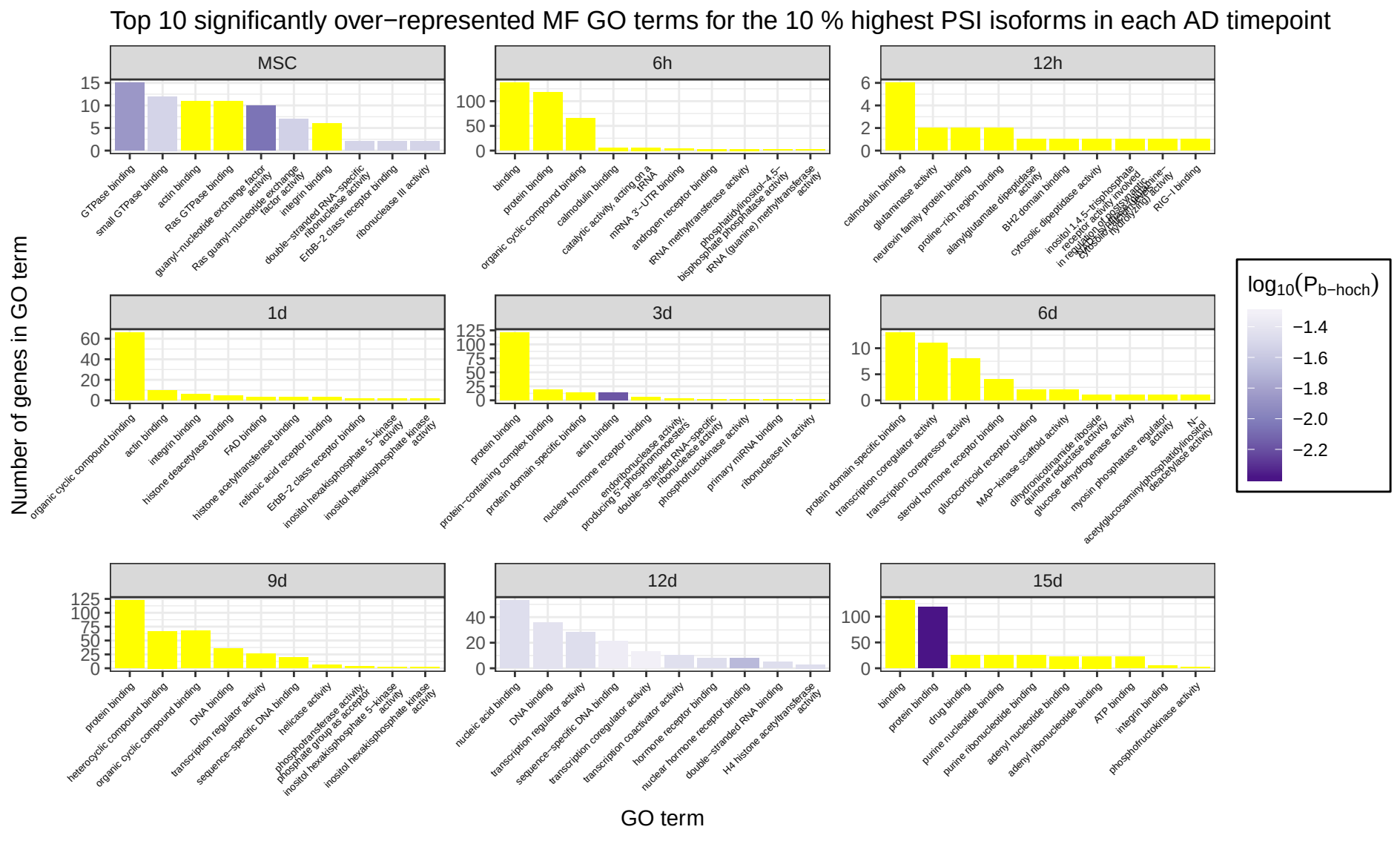
Top 10 significantly over−represented MF GO terms for the 10 % highest PSI isoforms in each AD timepoint
MSC
6h
12h
1d
3d
6d
9d
12d
15d
Number of genes in GO term
GO term
log10(Pb−hoch)
−1.4
−1.6
−1.8
−2.0
−2.2
GTPase binding
small GTPase binding
actin binding
Ras GTPase binding
guanyl−nucleotide exchange factor activity
Ras guanyl−nucleotide exchange factor activity
integrin binding
double−stranded RNA−specific ribonuclease activity
ErbB−2 class receptor binding
ribonuclease III activity
binding
protein binding
organic cyclic compound binding
calmodulin binding
catalytic activity, acting on a tRNA
mRNA 3'−UTR binding
androgen receptor binding
tRNA methyltransferase activity
phosphatidylinositol−4,5−bisphosphate phosphatase activity
tRNA (guanine) methyltransferase activity
calmodulin binding
glutaminase activity
neurexin family protein binding
proline−rich region binding
alanylglutamate dipeptidase activity
BH2 domain binding
cytosolic dipeptidase activity
inositol 1,4,5−trisphosphate
receptor activity involved
in regulation of postsynaptic
cytosolic ryanodine
RIG−I binding
organic cyclic compound binding
actin binding
integrin binding
histone deacetylase binding
FAD binding
histone acetyltransferase binding
retinoic acid receptor binding
ErbB−2 class receptor binding
inositol hexakisphosphate 5−kinase activity
inositol hexakisphosphate kinase activity
protein binding
protein−containing complex binding
protein domain specific binding
actin binding
nuclear hormone receptor binding
endoribonuclease activity, producing 5'−phosphomonoesters
double−stranded RNA−specific ribonuclease activity
phosphofructokinase activity
primary miRNA binding
ribonuclease III activity
protein domain specific binding
transcription coregulator activity
transcription corepressor activity
steroid hormone receptor binding
glucocorticoid receptor binding
MAP−kinase scaffold activity
dihydronicotinamide riboside quinone reductase activity
glucose dehydrogenase activity
myosin phosphatase regulator activity
N−acetylglucosaminylphosphatidylinositol deacetylase activity
protein binding
heterocyclic compound binding
organic cyclic compound binding
DNA binding
transcription regulator activity
sequence−specific DNA binding
helicase activity
phosphotransferase activity, phosphate group as acceptor
inositol hexakisphosphate 5−kinase activity
inositol hexakisphosphate kinase activity
nucleic acid binding
DNA binding
transcription regulator activity
sequence−specific DNA binding
transcription coregulator activity
transcription coactivator activity
hormone receptor binding
nuclear hormone receptor binding
double−stranded RNA binding
H4 histone acetyltransferase activity
binding
protein binding
drug binding
purine nucleotide binding
purine ribonucleotide binding
adenyl nucleotide binding
adenyl ribonucleotide binding
ATP binding
integrin binding
phosphofructokinase activity