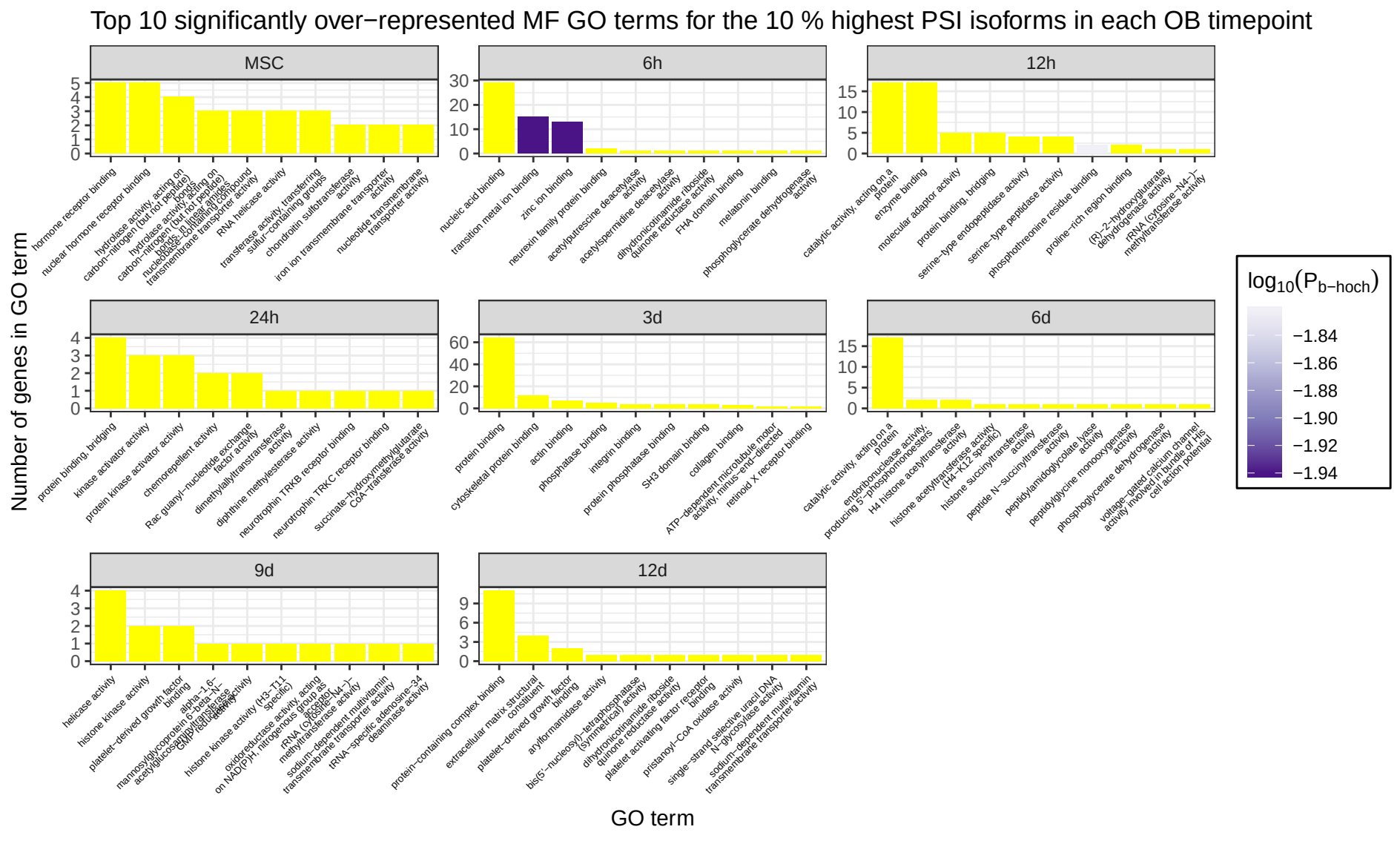

Top 10 significantly over−represented MF GO terms for the 10 % highest PSI isoforms in each OB timepoint
MSC
6h
12h
24h
3d
6d
9d
12d
Number of genes in GO term
GO term
log10(Pb−hoch)
−1.84
−1.86
−1.88
−1.90
−1.92
−1.94
hormone receptor binding
nuclear hormone receptor binding
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds
hydrolase activity, acting on carbon−nitrogen (but not peptide) bonds, in linear amides
nucleobase−containing compound transmembrane transporter activity
RNA helicase activity
transferase activity, transferring sulfur−containing groups
chondroitin sulfotransferase activity
iron ion transmembrane transporter activity
nucleotide transmembrane transporter activity
nucleic acid binding
transition metal ion binding
zinc ion binding
neurexin family protein binding
acetylputrescine deacetylase activity
acetylspermidine deacetylase activity
dihydronicotinamide riboside quinone reductase activity
FHA domain binding
melatonin binding
phosphoglycerate dehydrogenase activity
catalytic activity, acting on a protein
enzyme binding
molecular adaptor activity
protein binding, bridging
serine−type endopeptidase activity
serine−type peptidase activity
phosphothreonine residue binding
proline−rich region binding
(R)−2−hydroxyglutarate dehydrogenase activity
rRNA (cytosine−N4−)−methyltransferase activity
protein binding, bridging
kinase activator activity
protein kinase activator activity
chemorepellent activity
Rac guanyl−nucleotide exchange factor activity
dimethylallyltranstransferase activity
diphthine methylesterase activity
neurotrophin TRKB receptor binding
neurotrophin TRKC receptor binding
succinate−hydroxymethylglutarate CoA−transferase activity
protein binding
cytoskeletal protein binding
actin binding
phosphatase binding
integrin binding
protein phosphatase binding
SH3 domain binding
collagen binding
ATP−dependent microtubule motor activity, minus−end−directed
retinoid X receptor binding
catalytic activity, acting on a protein
endoribonuclease activity, producing 5−phosphomonoesters
H4 histone acetyltransferase activity
histone acetyltransferase activity (H4−K12 specific)
histone succinyltransferase activity
peptide N−succinyltransferase activity
peptidylamidoglycolate lyase activity
peptidylglycine monooxygenase activity
phosphoglycerate dehydrogenase activity
voltage−gated calcium channel activity involved in bundle of His cell action potential
helicase activity
histone kinase activity
platelet−derived growth factor binding
alpha−1,6−mannosylglycoprotein 6−beta−N−acetylglucosaminyltransferase activity
GMP reductase activity
histone kinase activity (H3−T11 specific)
oxidoreductase activity, acting on NAD(P)H, nitrogenous group as acceptor
rRNA (cytosine−N4−)−methyltransferase activity
sodium−dependent multivitamin transmembrane transporter activity
tRNA−specific adenosine−34 deaminase activity
protein−containing complex binding
extracellular matrix structural constituent
platelet−derived growth factor binding
arylformamidase activity
bis(5′−nucleosyl)−tetraphosphatase (symmetrical) activity
dihydronicotinamide riboside quinone reductase activity
platelet activating factor receptor binding
pristanoyl−CoA oxidase activity
single−strand selective uracil DNA N−glycosylase activity
sodium−dependent multivitamin transmembrane transporter activity