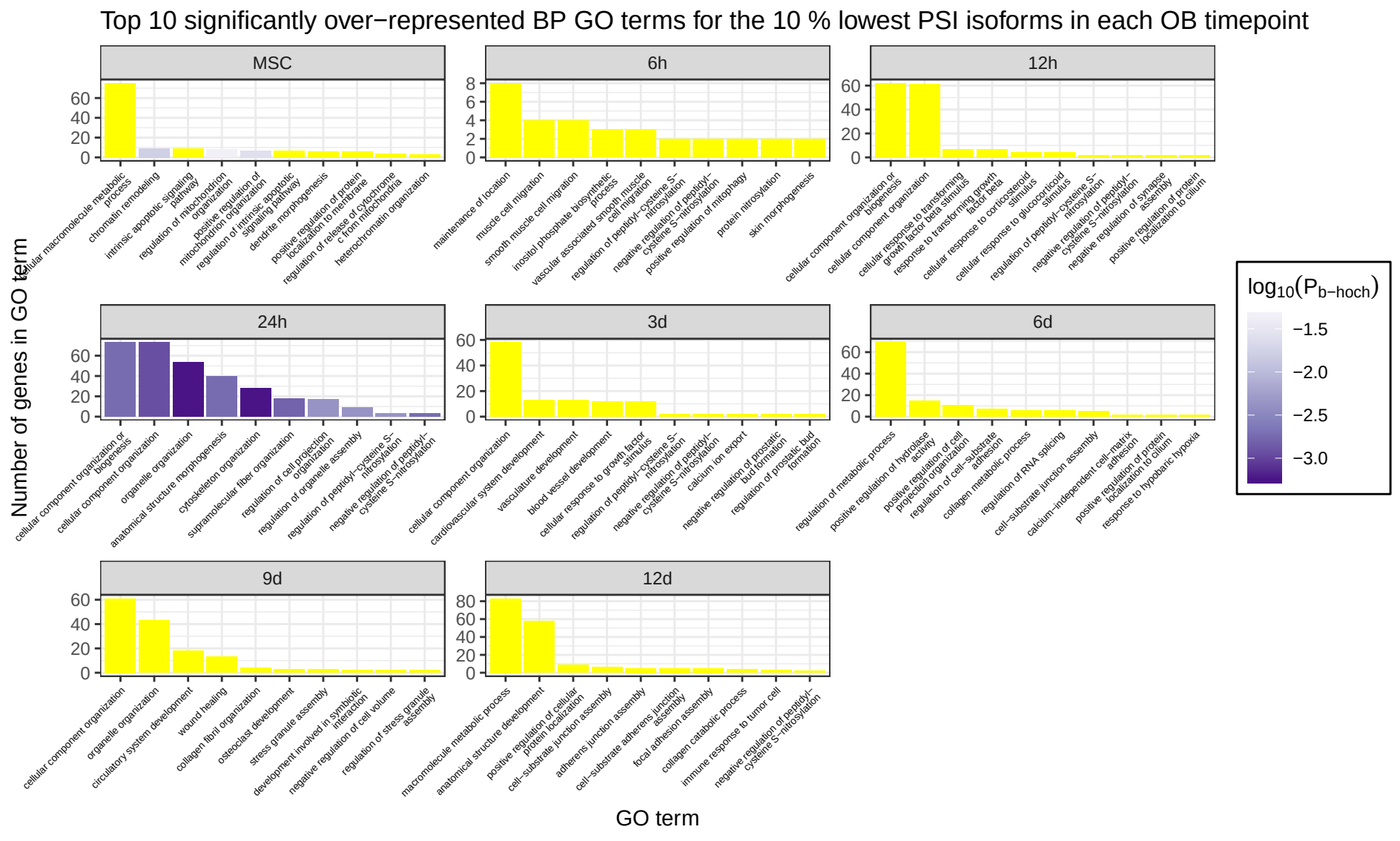
Top 10 significantly over−represented BP GO terms for the 10 % lowest PSI isoforms in each OB timepoint
MSC
6h
12h
24h
3d
6d
9d
12d
Number of genes in GO term
GO term
log10(Pb−hoch)
−1.5
−2.0
−2.5
−3.0
cellular macromolecule metabolic process
chromatin remodeling
intrinsic apoptotic signaling pathway
regulation of mitochondrion organization
positive regulation of mitochondrion organization
regulation of intrinsic apoptotic signaling pathway
dendrite morphogenesis
positive regulation of protein localization to membrane
regulation of release of cytochrome c from mitochondria
heterochromatin organization
maintenance of location
muscle cell migration
smooth muscle cell migration
inositol phosphate biosynthetic process
vascular associated smooth muscle cell migration
regulation of peptidyl−cysteine S−nitrosylation
negative regulation of peptidyl−cysteine S−nitrosylation
positive regulation of mitophagy
protein nitrosylation
skin morphogenesis
cellular component organization or biogenesis
cellular component organization
cellular response to transforming growth factor beta stimulus
response to transforming growth factor beta
cellular response to corticosteroid stimulus
cellular response to glucocorticoid stimulus
regulation of peptidyl−cysteine S−nitrosylation
negative regulation of peptidyl−cysteine S−nitrosylation
negative regulation of synapse assembly
positive regulation of protein localization to cilium
cellular component organization or biogenesis
cellular component organization
organelle organization
anatomical structure morphogenesis
cytoskeleton organization
supramolecular fiber organization
regulation of cell projection organization
regulation of organelle assembly
regulation of peptidyl−cysteine S−nitrosylation
negative regulation of peptidyl−cysteine S−nitrosylation
cellular component organization
cardiovascular system development
vasculature development
blood vessel development
cellular response to growth factor stimulus
regulation of peptidyl−cysteine S−nitrosylation
negative regulation of peptidyl−cysteine S−nitrosylation
calcium ion export
negative regulation of prostatic bud formation
regulation of prostatic bud formation
regulation of metabolic process
positive regulation of hydrolase activity
positive regulation of cell projection organization
regulation of cell−substrate adhesion
collagen metabolic process
regulation of RNA splicing
cell−substrate junction assembly
calcium−independent cell−matrix adhesion
positive regulation of protein localization to cilium
response to hypobaric hypoxia
cellular component organization
organelle organization
circulatory system development
wound healing
collagen fibril organization
osteoclast development
stress granule assembly
development involved in symbiotic interaction
negative regulation of cell volume
regulation of stress granule assembly
macromolecule metabolic process
anatomical structure development
positive regulation of cellular protein localization
cell−substrate junction assembly
adherens junction assembly
cell−substrate adherens junction assembly
focal adhesion assembly
collagen catabolic process
immune response to tumor cell
negative regulation of peptidyl−cysteine S−nitrosylation