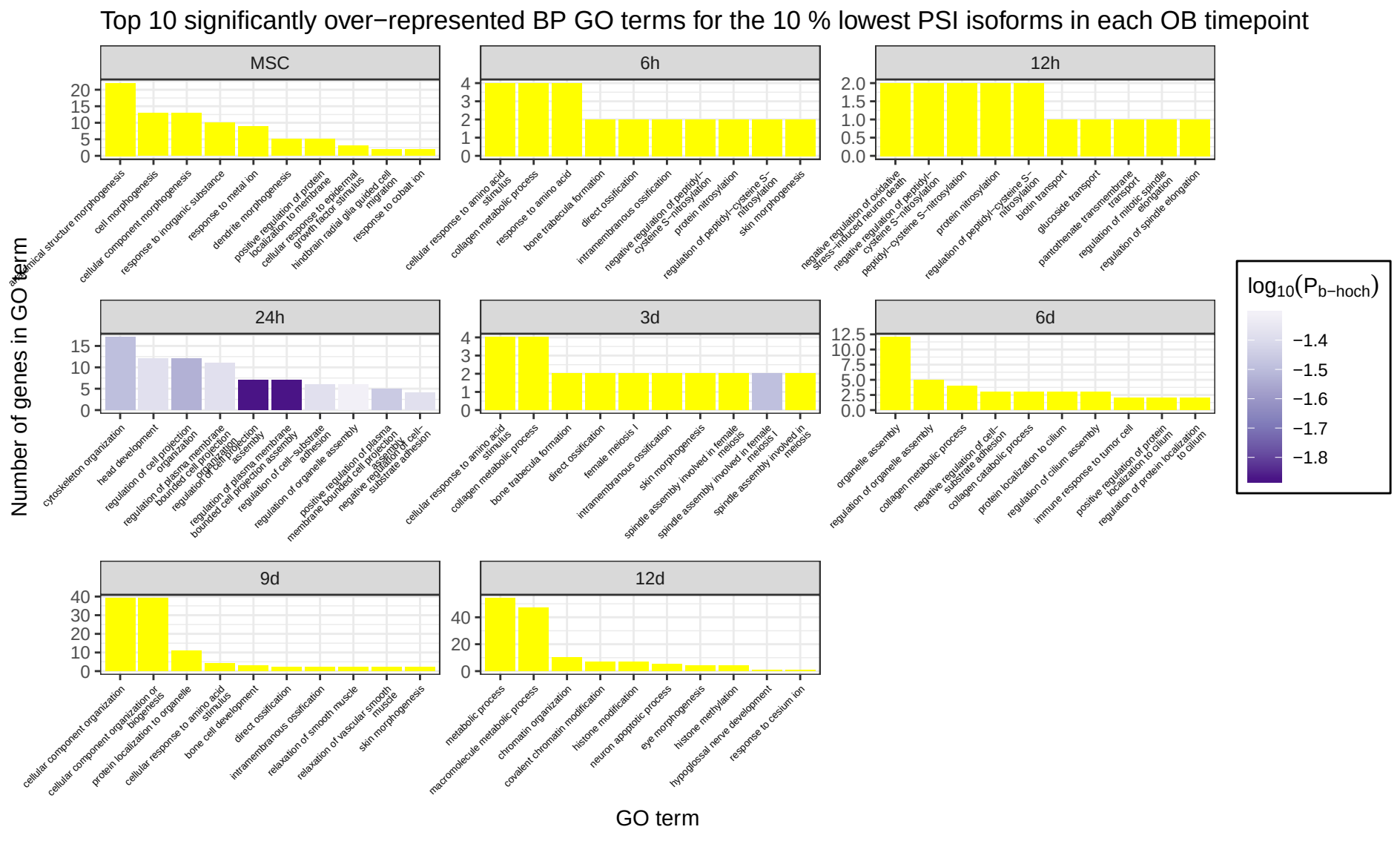
Top 10 significantly over−represented BP GO terms for the 10 % lowest PSI isoforms in each OB timepoint
MSC
6h
12h
24h
3d
6d
9d
12d
Number of genes in GO term
GO term
log10(Pb−hoch)
−1.4
−1.5
−1.6
−1.7
−1.8
anatomical structure morphogenesis
cell morphogenesis
cellular component morphogenesis
response to inorganic substance
response to metal ion
dendrite morphogenesis
positive regulation of protein localization to membrane
cellular response to epidermal growth factor stimulus
hindbrain radial glia guided cell migration
response to cobalt ion
cellular response to amino acid stimulus
collagen metabolic process
response to amino acid
bone trabecula formation
direct ossification
intramembranous ossification
negative regulation of peptidyl−cysteine S−nitrosylation
protein nitrosylation
regulation of peptidyl−cysteine S−nitrosylation
skin morphogenesis
negative regulation of oxidative stress−induced neuron death
negative regulation of peptidyl−cysteine S−nitrosylation
peptidyl−cysteine S−nitrosylation
protein nitrosylation
regulation of peptidyl−cysteine S−nitrosylation
biotin transport
glucoside transport
pantothenate transmembrane transport
regulation of mitotic spindle elongation
regulation of spindle elongation
cytoskeleton organization
head development
regulation of cell projection organization
regulation of plasma membrane bounded cell projection
regulation of cell projection organization
regulation of plasma membrane bounded cell projection assembly
regulation of cell−substrate adhesion
regulation of organelle assembly
positive regulation of plasma membrane bounded cell projection
negative regulation of cell−substrate adhesion
cellular response to amino acid stimulus
collagen metabolic process
bone trabecula formation
direct ossification
female meiosis I
intramembranous ossification
skin morphogenesis
spindle assembly involved in female meiosis
spindle assembly involved in female meiosis I
spindle assembly involved in meiosis
organelle assembly
regulation of organelle assembly
collagen metabolic process
negative regulation of cell−substrate adhesion
collagen catabolic process
protein localization to cilium
regulation of cilium assembly
immune response to tumor cell
positive regulation of protein localization to cilium
regulation of protein localization to cilium
cellular component organization
cellular component organization or biogenesis
protein localization to organelle
cellular response to amino acid stimulus
bone cell development
direct ossification
intramembranous ossification
relaxation of smooth muscle
relaxation of vascular smooth muscle
skin morphogenesis
metabolic process
macromolecule metabolic process
chromatin organization
covalent chromatin modification
histone modification
neuron apoptotic process
eye morphogenesis
histone methylation
hypoglossal nerve development
response to cesium ion