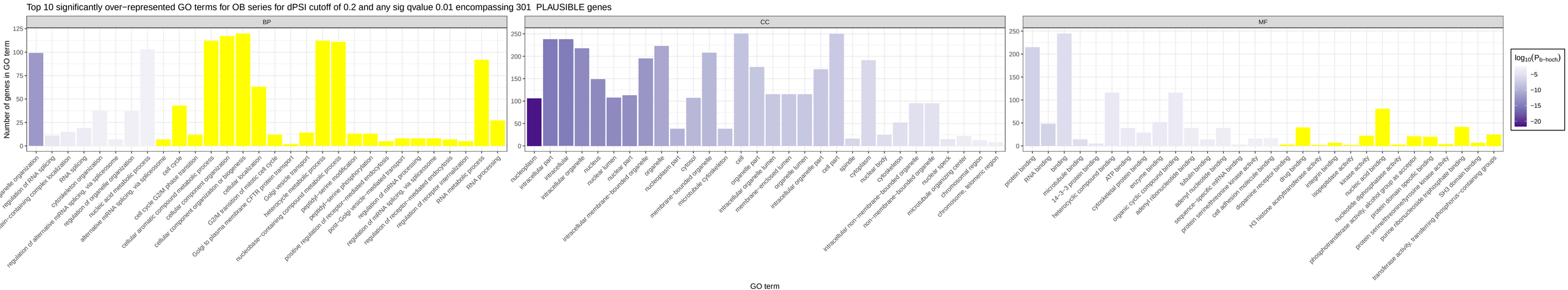
Top 10 significantly over−represented GO terms for OB series for dPSI cutoff of 0.2 and any sig qvalue 0.01 encompassing 301 PLAUSIBLE genes
BP
CC
MF
Number of genes in GO term
GO term
log10(Pb−hoch)
−5
−10
−15
−20
nucleolus organization
regulation of RNA splicing
protein−containing complex localization
RNA splicing
cytoskeleton organization
regulation of alternative mRNA splicing, via spliceosome
nucleic acid metabolic process
regulation of organelle organization
alternative mRNA splicing, via spliceosome
cell cycle
cell cycle G2/M phase transition
cellular aromatic compound metabolic process
cellular component organization
cellular component organization or biogenesis
cellular localization
G2/M transition of mitotic cell cycle
Golgi to plasma membrane CFTR protein transport
Golgi vesicle transport
heterocycle metabolic process
nucleobase−containing compound metabolic process
peptidyl−serine modification
peptidyl−serine phosphorylation
positive regulation of receptor−mediated endocytosis
post−Golgi vesicle−mediated transport
regulation of mRNA processing
regulation of mRNA splicing, via spliceosome
regulation of receptor−mediated endocytosis
regulation of receptor internalization
RNA metabolic process
RNA processing
nucleoplasm
intracellular part
intracellular
intracellular organelle
nucleus
nuclear lumen
nuclear part
intracellular membrane−bounded organelle
organelle
nucleoplasm part
cytosol
membrane−bounded organelle
microtubule cytoskeleton
cell
organelle part
intracellular organelle lumen
membrane−enclosed lumen
organelle lumen
intracellular organelle part
cell part
spindle
cytoplasm
nuclear body
cytoskeleton
intracellular non−membrane−bounded organelle
non−membrane−bounded organelle
microtubule organizing center
nuclear speck
chromosomal region
chromosome, telomeric region
protein binding
RNA binding
binding
microtubule binding
14−3−3 protein binding
heterocyclic compound binding
ATP binding
cytoskeletal protein binding
enzyme binding
organic cyclic compound binding
adenyl ribonucleotide binding
tubulin binding
adenyl nucleotide binding
sequence−specific mRNA binding
protein serine/threonine kinase activity
cell adhesion molecule binding
dopamine receptor binding
drug binding
H3 histone acetyltransferase activity
integrin binding
isopeptidase activity
kinase activity
nucleic acid binding
nucleotide diphosphatase activity
phosphotransferase activity, alcohol group as acceptor
protein domain specific binding
protein serine/threonine/tyrosine kinase activity
purine ribonucleoside triphosphate binding
SH3 domain binding
transferase activity, transferring phosphorus−containing groups