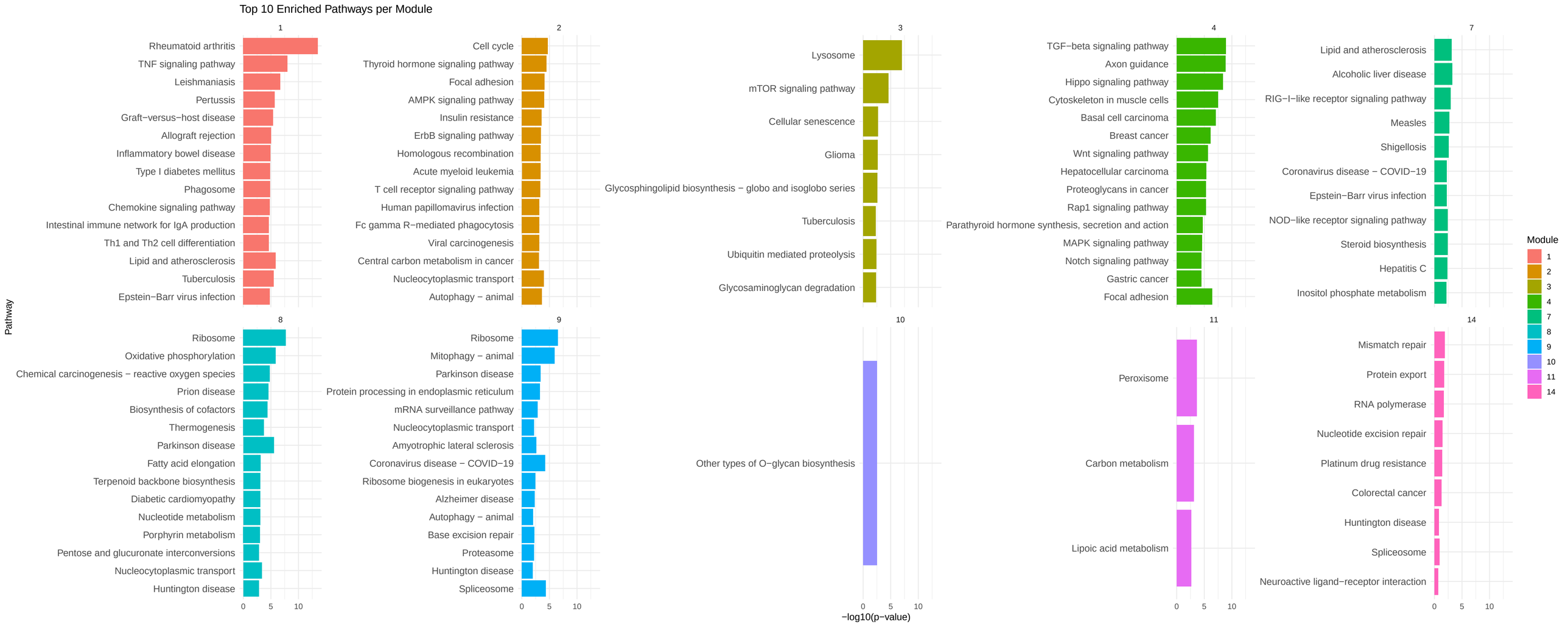
Top 10 Enriched Pathways per Module
1
Rheumatoid arthritis
TNF signaling pathway
Leishmaniasis
Pertussis
Graft−versus−host disease
Allograft rejection
Inflammatory bowel disease
Type I diabetes mellitus
Phagosome
Chemokine signaling pathway
Intestinal immune network for IgA production
Th1 and Th2 cell differentiation
Lipid and atherosclerosis
Tuberculosis
Epstein−Barr virus infection
2
Cell cycle
Thyroid hormone signaling pathway
Focal adhesion
AMPK signaling pathway
Insulin resistance
ErbB signaling pathway
Homologous recombination
Acute myeloid leukemia
T cell receptor signaling pathway
Human papillomavirus infection
Fc gamma R−mediated phagocytosis
Viral carcinogenesis
Central carbon metabolism in cancer
Nucleocytoplasmic transport
Autophagy − animal
3
Lysosome
mTOR signaling pathway
Cellular senescence
Glioma
Glycosphingolipid biosynthesis − globo and isoglobo series
Tuberculosis
Ubiquitin mediated proteolysis
Glycosaminoglycan degradation
4
TGF−beta signaling pathway
Axon guidance
Hippo signaling pathway
Cytoskeleton in muscle cells
Basal cell carcinoma
Breast cancer
Wnt signaling pathway
Hepatocellular carcinoma
Proteoglycans in cancer
Rap1 signaling pathway
Parathyroid hormone synthesis, secretion and action
MAPK signaling pathway
Notch signaling pathway
Gastric cancer
Focal adhesion
7
Lipid and atherosclerosis
Alcoholic liver disease
RIG−I−like receptor signaling pathway
Measles
Shigellosis
Coronavirus disease − COVID−19
Epstein−Barr virus infection
NOD−like receptor signaling pathway
Steroid biosynthesis
Hepatitis C
Inositol phosphate metabolism
8
Ribosome
Oxidative phosphorylation
Chemical carcinogenesis − reactive oxygen species
Prion disease
Biosynthesis of cofactors
Thermogenesis
Parkinson disease
Fatty acid elongation
Terpenoid backbone biosynthesis
Diabetic cardiomyopathy
Nucleotide metabolism
Porphyrin metabolism
Pentose and glucuronate interconversions
Nucleocytoplasmic transport
Huntington disease
9
Ribosome
Mitophagy − animal
Parkinson disease
Protein processing in endoplasmic reticulum
mRNA surveillance pathway
Nucleocytoplasmic transport
Amyotrophic lateral sclerosis
Coronavirus disease − COVID−19
Ribosome biogenesis in eukaryotes
Alzheimer disease
Autophagy − animal
Base excision repair
Proteasome
Huntington disease
Spliceosome
10
Other types of O−glycan biosynthesis
11
Peroxisome
Carbon metabolism
Lipoic acid metabolism
14
Mismatch repair
Protein export
RNA polymerase
Nucleotide excision repair
Platinum drug resistance
Colorectal cancer
Huntington disease
Spliceosome
Neuroactive ligand−receptor interaction
0
5
10
Pathway
−log10(p−value)
Module
1
2
3
4
7
8
9
10
11
14