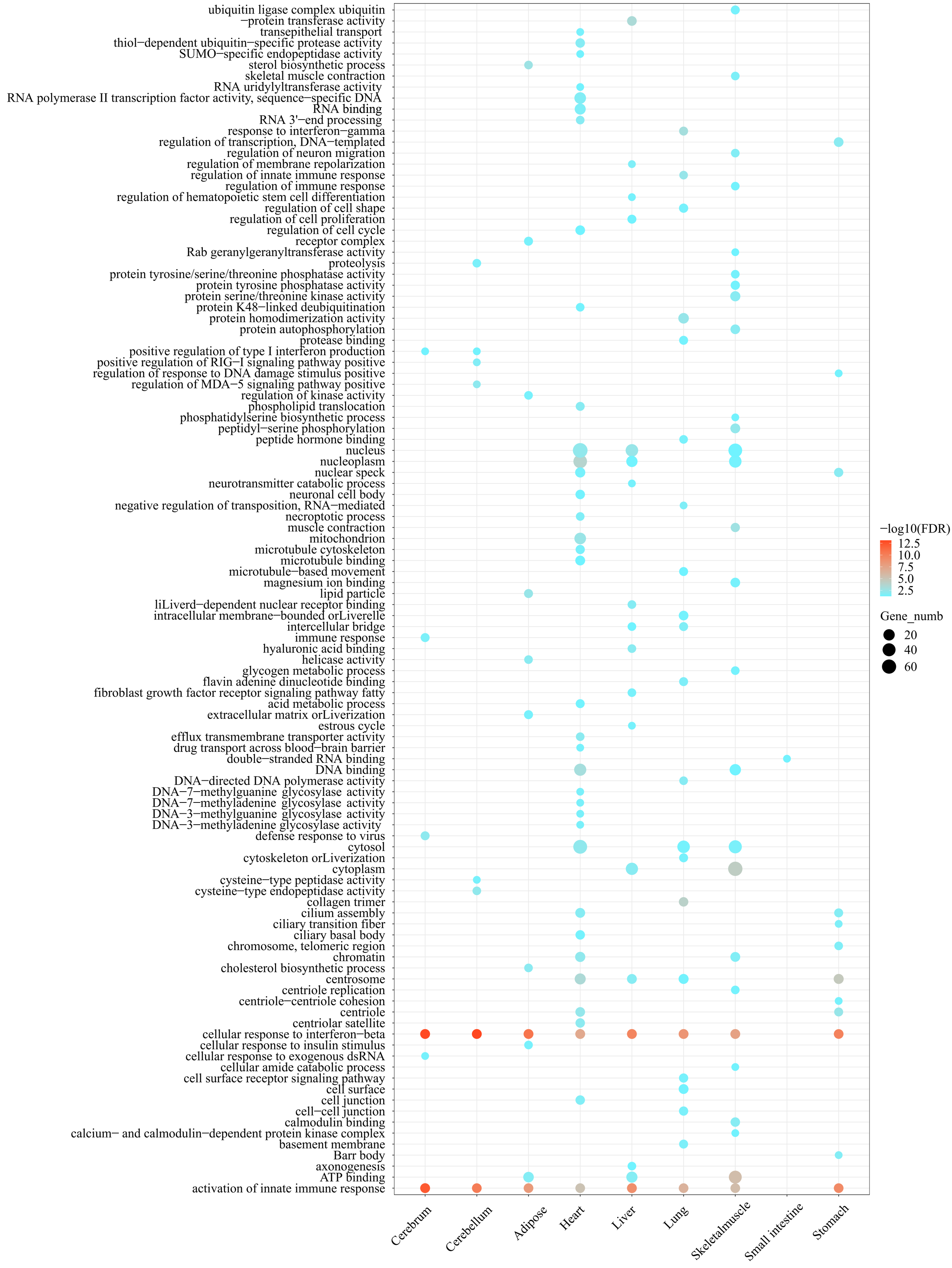
ubiquitin ligase complex ubiquitin
−protein transferase activity
transepithelial transport
thiol−dependent ubiquitin−specific protease activity
SUMO−specific endopeptidase activity
sterol biosynthetic process
skeletal muscle contraction
RNA uridylyltransferase activity
RNA polymerase II transcription factor activity, sequence−specific DNA
RNA binding
RNA 3'−end processing
response to interferon−gamma
regulation of transcription, DNA−templated
regulation of neuron migration
regulation of membrane repolarization
regulation of innate immune response
regulation of immune response
regulation of hematopoietic stem cell differentiation
regulation of cell shape
regulation of cell proliferation
regulation of cell cycle
receptor complex
Rab geranylgeranyltransferase activity
proteolysis
protein tyrosine/serine/threonine phosphatase activity
protein tyrosine phosphatase activity
protein serine/threonine kinase activity
protein K48−linked deubiquitination
protein homodimerization activity
protein autophosphorylation
protease binding
positive regulation of type I interferon production
positive regulation of RIG−I signaling pathway positive
regulation of response to DNA damage stimulus positive
regulation of MDA−5 signaling pathway positive
regulation of kinase activity
phospholipid translocation
phosphatidylserine biosynthetic process
peptidyl−serine phosphorylation
peptide hormone binding
nucleus
nucleoplasm
nuclear speck
neurotransmitter catabolic process
neuronal cell body
negative regulation of transposition, RNA−mediated
necroptotic process
muscle contraction
mitochondrion
microtubule cytoskeleton
microtubule binding
microtubule−based movement
magnesium ion binding
lipid particle
liLiverd−dependent nuclear receptor binding
intracellular membrane−bounded orLiverelle
intercellular bridge
immune response
hyaluronic acid binding
helicase activity
glycogen metabolic process
flavin adenine dinucleotide binding
fibroblast growth factor receptor signaling pathway fatty
acid metabolic process
extracellular matrix orLiverization
estrous cycle
efflux transmembrane transporter activity
drug transport across blood−brain barrier
double−stranded RNA binding
DNA binding
DNA−directed DNA polymerase activity
DNA−7−methylguanine glycosylase activity
DNA−7−methyladenine glycosylase activity
DNA−3−methylguanine glycosylase activity
DNA−3−methyladenine glycosylase activity
defense response to virus
cytosol
cytoskeleton orLiverization
cytoplasm
cysteine−type peptidase activity
cysteine−type endopeptidase activity
collagen trimer
cilium assembly
ciliary transition fiber
ciliary basal body
chromosome, telomeric region
chromatin
cholesterol biosynthetic process
centrosome
centriole replication
centriole−centriole cohesion
centriole
centriolar satellite
cellular response to interferon−beta
cellular response to insulin stimulus
cellular response to exogenous dsRNA
cellular amide catabolic process
cell surface receptor signaling pathway
cell surface
cell junction
cell−cell junction
calmodulin binding
calcium− and calmodulin−dependent protein kinase complex
basement membrane
Barr body
axonogenesis
ATP binding
activation of innate immune response
−log10(FDR)
12.5
10.0
7.5
5.0
2.5
Gene_numb
20
40
60
Cerebrum
Cerebellum
Adipose
Heart
Liver
Lung
Skeletalmuscle
Small intestine
Stomach