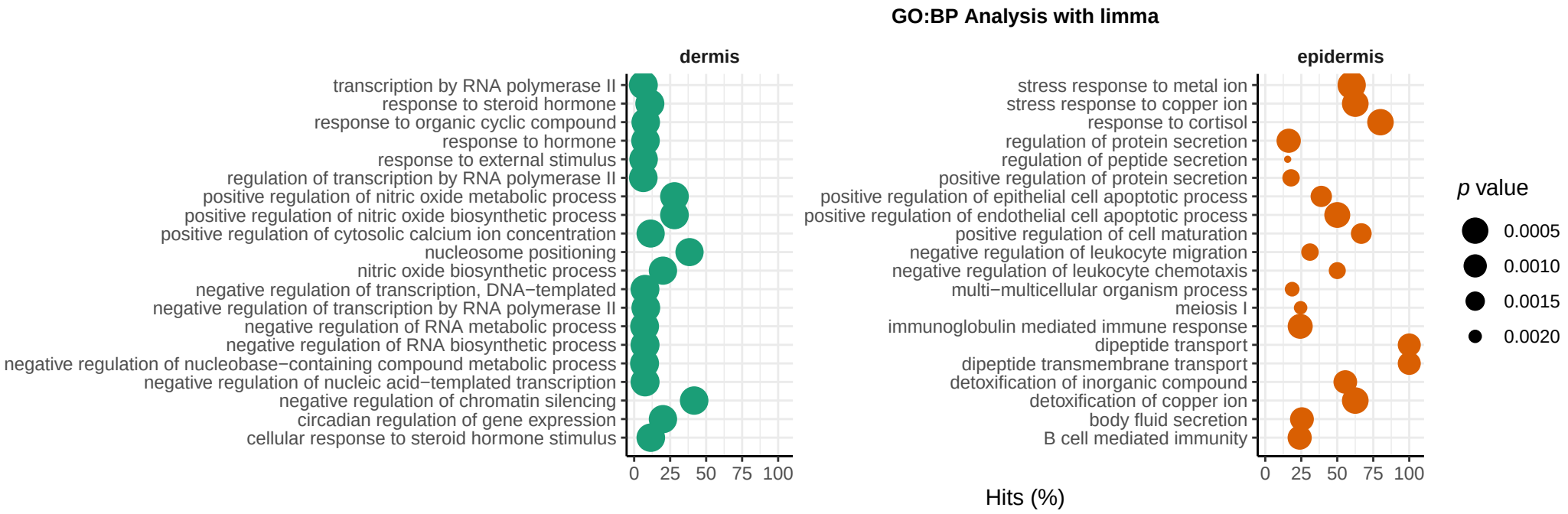
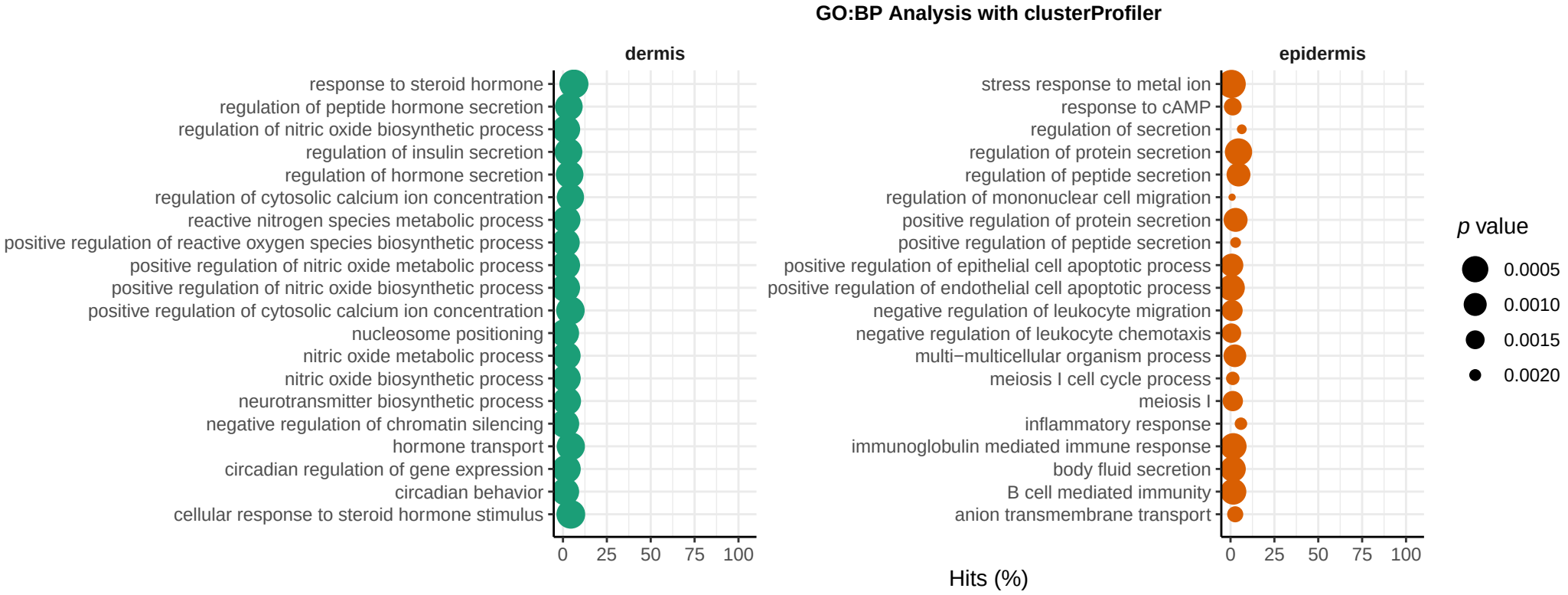
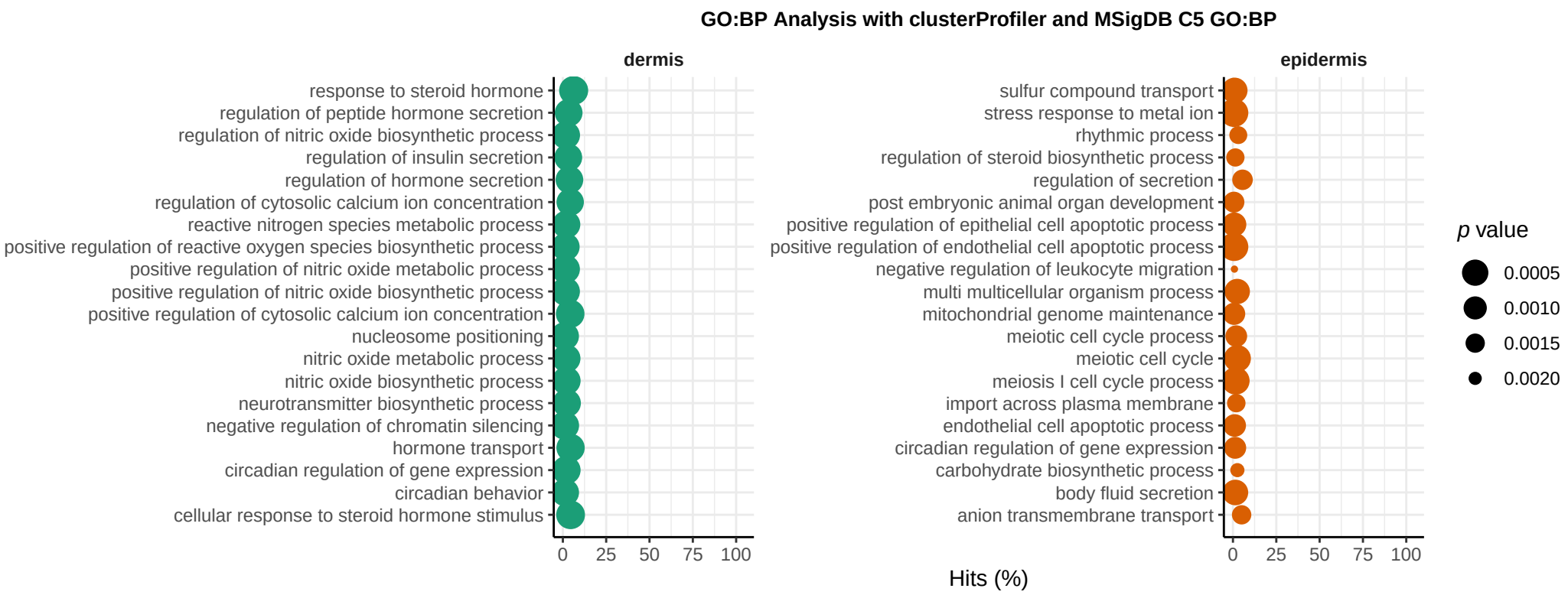
A


GO:BP Analysis with limma
dermis
transcription by RNA polymerase II
response to steroid hormone
response to organic cyclic compound
response to hormone
response to external stimulus
regulation of transcription by RNA polymerase II
positive regulation of nitric oxide metabolic process
positive regulation of nitric oxide biosynthetic process
positive regulation of cytosolic calcium ion concentration
nucleosome positioning
nitric oxide biosynthetic process
negative regulation of transcription, DNA−templated
negative regulation of transcription by RNA polymerase II
negative regulation of RNA metabolic process
negative regulation of RNA biosynthetic process
negative regulation of nucleobase−containing compound metabolic process
negative regulation of nucleic acid−templated transcription
negative regulation of chromatin silencing
circadian regulation of gene expression
cellular response to steroid hormone stimulus
0 25 50 75 100
epidermis
stress response to metal ion
stress response to copper ion
response to cortisol
regulation of protein secretion
regulation of peptide secretion
positive regulation of protein secretion
positive regulation of epithelial cell apoptotic process
positive regulation of endothelial cell apoptotic process
positive regulation of cell maturation
negative regulation of leukocyte migration
negative regulation of leukocyte chemotaxis
multi−multicellular organism process
meiosis I
immunoglobulin mediated immune response
dipeptide transport
dipeptide transmembrane transport
detoxification of inorganic compound
detoxification of copper ion
body fluid secretion
B cell mediated immunity
0 25 50 75 100
GO:BP term
Hits (%)
p value
0.0005
0.0010
0.0015
0.0020

B


GO:BP Analysis with clusterProfiler
dermis
response to steroid hormone
regulation of peptide hormone secretion
regulation of nitric oxide biosynthetic process
regulation of insulin secretion
regulation of hormone secretion
regulation of cytosolic calcium ion concentration
reactive nitrogen species metabolic process
positive regulation of reactive oxygen species biosynthetic process
positive regulation of nitric oxide metabolic process
positive regulation of nitric oxide biosynthetic process
positive regulation of cytosolic calcium ion concentration
nucleosome positioning
nitric oxide metabolic process
nitric oxide biosynthetic process
neurotransmitter biosynthetic process
negative regulation of chromatin silencing
hormone transport
circadian regulation of gene expression
circadian behavior
cellular response to steroid hormone stimulus
0 25 50 75 100
epidermis
stress response to metal ion
response to cAMP
regulation of secretion
regulation of protein secretion
regulation of peptide secretion
regulation of mononuclear cell migration
positive regulation of protein secretion
positive regulation of peptide secretion
positive regulation of epithelial cell apoptotic process
positive regulation of endothelial cell apoptotic process
negative regulation of leukocyte migration
negative regulation of leukocyte chemotaxis
multi−multicellular organism process
meiosis I cell cycle process
meiosis I
inflammatory response
immunoglobulin mediated immune response
body fluid secretion
B cell mediated immunity
anion transmembrane transport
0 25 50 75 100
GO:BP Term
Hits (%)
p value
0.0005
0.0010
0.0015
0.0020

C


GO:BP Analysis with clusterProfiler and MSigDB C5 GO:BP
dermis
response to steroid hormone
regulation of peptide hormone secretion
regulation of nitric oxide biosynthetic process
regulation of insulin secretion
regulation of hormone secretion
regulation of cytosolic calcium ion concentration
reactive nitrogen species metabolic process
positive regulation of reactive oxygen species biosynthetic process
positive regulation of nitric oxide metabolic process
positive regulation of nitric oxide biosynthetic process
positive regulation of cytosolic calcium ion concentration
nucleosome positioning
nitric oxide metabolic process
nitric oxide biosynthetic process
neurotransmitter biosynthetic process
negative regulation of chromatin silencing
hormone transport
circadian regulation of gene expression
circadian behavior
cellular response to steroid hormone stimulus
0 25 50 75 100
epidermis
sulfur compound transport
stress response to metal ion
rhythmic process
regulation of steroid biosynthetic process
regulation of secretion
post embryonic animal organ development
positive regulation of epithelial cell apoptotic process
positive regulation of endothelial cell apoptotic process
negative regulation of leukocyte migration
multi multicellular organism process
mitochondrial genome maintenance
meiotic cell cycle process
meiotic cell cycle
meiosis I cell cycle process
import across plasma membrane
endothelial cell apoptotic process
circadian regulation of gene expression
carbohydrate biosynthetic process
body fluid secretion
anion transmembrane transport
0 25 50 75 100
GO:BP Term
Hits (%)
p value
0.0005
0.0010
0.0015
0.0020