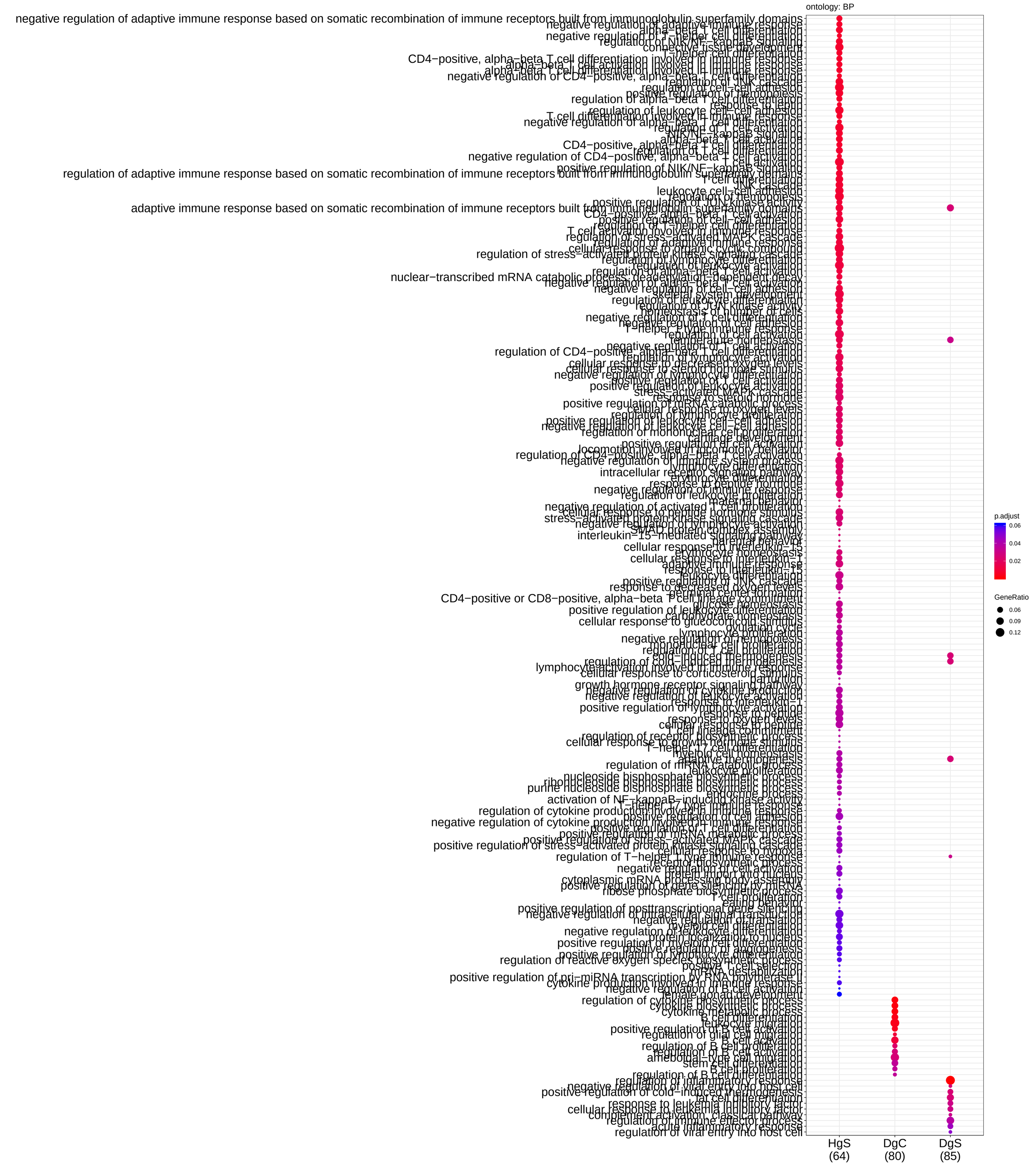
ontology: BP
negative regulation of adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains
negative regulation of adaptive immune response
alpha−beta T cell differentiation
negative regulation of T−helper cell differentiation
regulation of NIK/NF−kappaB signaling
connective tissue development
T−helper cell differentiation
CD4−positive, alpha−beta T cell differentiation involved in immune response
alpha−beta T cell activation involved in immune response
alpha−beta T cell differentiation involved in immune response
negative regulation of CD4−positive, alpha−beta T cell differentiation
regulation of JNK cascade
regulation of cell−cell adhesion
positive regulation of hemopoiesis
regulation of alpha−beta T cell differentiation
response to leptin
regulation of leukocyte cell−cell adhesion
T cell differentiation involved in immune response
negative regulation of alpha−beta T cell differentiation
regulation of T cell activation
NIK/NF−kappaB signaling
alpha−beta T cell activation
CD4−positive, alpha−beta T cell differentiation
regulation of T cell differentiation
negative regulation of CD4−positive, alpha−beta T cell activation
T cell activation
positive regulation of NIK/NF−kappaB signaling
regulation of adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains
T cell differentiation
JNK cascade
leukocyte cell−cell adhesion
regulation of hemopoiesis
positive regulation of JUN kinase activity
adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains
CD4−positive, alpha−beta T cell activation
positive regulation of cell−cell adhesion
regulation of T−helper cell differentiation
T cell activation involved in immune response
regulation of stress−activated MAPK cascade
regulation of adaptive immune response
cellular response to organic cyclic compound
regulation of stress−activated protein kinase signaling cascade
regulation of lymphocyte differentiation
regulation of leukocyte activation
regulation of alpha−beta T cell activation
nuclear−transcribed mRNA catabolic process, deadenylation−dependent decay
negative regulation of alpha−beta T cell activation
negative regulation of cell−cell adhesion
skeletal system development
regulation of leukocyte differentiation
regulation of JUN kinase activity
homeostasis of number of cells
negative regulation of T cell differentiation
negative regulation of cell adhesion
T−helper 1 type immune response
regulation of cell activation
temperature homeostasis
negative regulation of T cell activation
regulation of CD4−positive, alpha−beta T cell differentiation
regulation of lymphocyte activation
cellular response to decreased oxygen levels
cellular response to steroid hormone stimulus
negative regulation of lymphocyte differentiation
positive regulation of T cell activation
positive regulation of leukocyte activation
stress−activated MAPK cascade
response to steroid hormone
positive regulation of mRNA catabolic process
cellular response to oxygen levels
regulation of lymphocyte proliferation
positive regulation of leukocyte cell−cell adhesion
negative regulation of leukocyte cell−cell adhesion
regulation of mononuclear cell proliferation
cartilage development
positive regulation of cell activation
locomotion involved in locomotory behavior
regulation of CD4−positive, alpha−beta T cell activation
negative regulation of immune system process
lymphocyte differentiation
intracellular receptor signaling pathway
erythrocyte differentiation
response to peptide hormone
negative regulation of immune response
regulation of leukocyte proliferation
maternal behavior
negative regulation of activated T cell proliferation
cellular response to peptide hormone stimulus
stress−activated protein kinase signaling cascade
negative regulation of lymphocyte activation
SMAD protein complex assembly
interleukin−15−mediated signaling pathway
parental behavior
cellular response to interleukin−15
erythrocyte homeostasis
cellular response to interleukin−1
adaptive immune response
response to interleukin−15
leukocyte differentiation
positive regulation of JNK cascade
response to decreased oxygen levels
germinal center formation
CD4−positive or CD8−positive, alpha−beta T cell lineage commitment
glucose homeostasis
positive regulation of leukocyte differentiation
carbohydrate homeostasis
cellular response to glucocorticoid stimulus
ovulation cycle
lymphocyte proliferation
negative regulation of hemopoiesis
mononuclear cell proliferation
regulation of T cell proliferation
cold−induced thermogenesis
regulation of cold−induced thermogenesis
lymphocyte activation involved in immune response
cellular response to corticosteroid stimulus
parturition
growth hormone receptor signaling pathway
negative regulation of cytokine production
negative regulation of leukocyte activation
response to interleukin−1
positive regulation of lymphocyte activation
response to peptide
response to oxygen levels
cellular response to peptide
T cell lineage commitment
regulation of receptor biosynthetic process
cellular response to growth hormone stimulus
T−helper 17 cell differentiation
myeloid cell homeostasis
adaptive thermogenesis
regulation of mRNA catabolic process
leukocyte proliferation
nucleoside bisphosphate biosynthetic process
ribonucleoside bisphosphate biosynthetic process
purine nucleoside bisphosphate biosynthetic process
endocrine process
activation of NF−kappaB−inducing kinase activity
T−helper 17 type immune response
regulation of cytokine production involved in immune response
positive regulation of cell adhesion
negative regulation of cytokine production involved in immune response
positive regulation of T cell differentiation
positive regulation of mRNA metabolic process
positive regulation of stress−activated MAPK cascade
positive regulation of stress−activated protein kinase signaling cascade
cellular response to hypoxia
regulation of T−helper 1 type immune response
receptor biosynthetic process
negative regulation of cell activation
protein import into nucleus
cytoplasmic mRNA processing body assembly
positive regulation of gene silencing by miRNA
ribose phosphate biosynthetic process
T cell proliferation
eating behavior
positive regulation of posttranscriptional gene silencing
negative regulation of intracellular signal transduction
negative regulation of translation
myeloid cell differentiation
negative regulation of leukocyte differentiation
protein localization to nucleus
positive regulation of myeloid cell differentiation
positive regulation of angiogenesis
positive regulation of lymphocyte differentiation
regulation of reactive oxygen species biosynthetic process
positive T cell selection
mRNA destabilization
positive regulation of pri−miRNA transcription by RNA polymerase II
cytokine production involved in immune response
negative regulation of B cell activation
female gonad development
regulation of cytokine biosynthetic process
cytokine biosynthetic process
cytokine metabolic process
B cell differentiation
leukocyte migration
positive regulation of B cell activation
regulation of glial cell migration
B cell activation
regulation of B cell proliferation
regulation of B cell activation
ameboidal−type cell migration
stem cell differentiation
B cell proliferation
regulation of B cell differentiation
regulation of inflammatory response
negative regulation of viral entry into host cell
positive regulation of cold−induced thermogenesis
fat cell differentiation
response to leukemia inhibitory factor
cellular response to leukemia inhibitory factor
complement activation, classical pathway
regulation of immune effector process
acute inflammatory response
regulation of viral entry into host cell
HgS
(64)
DgC
(80)
DgS
(85)
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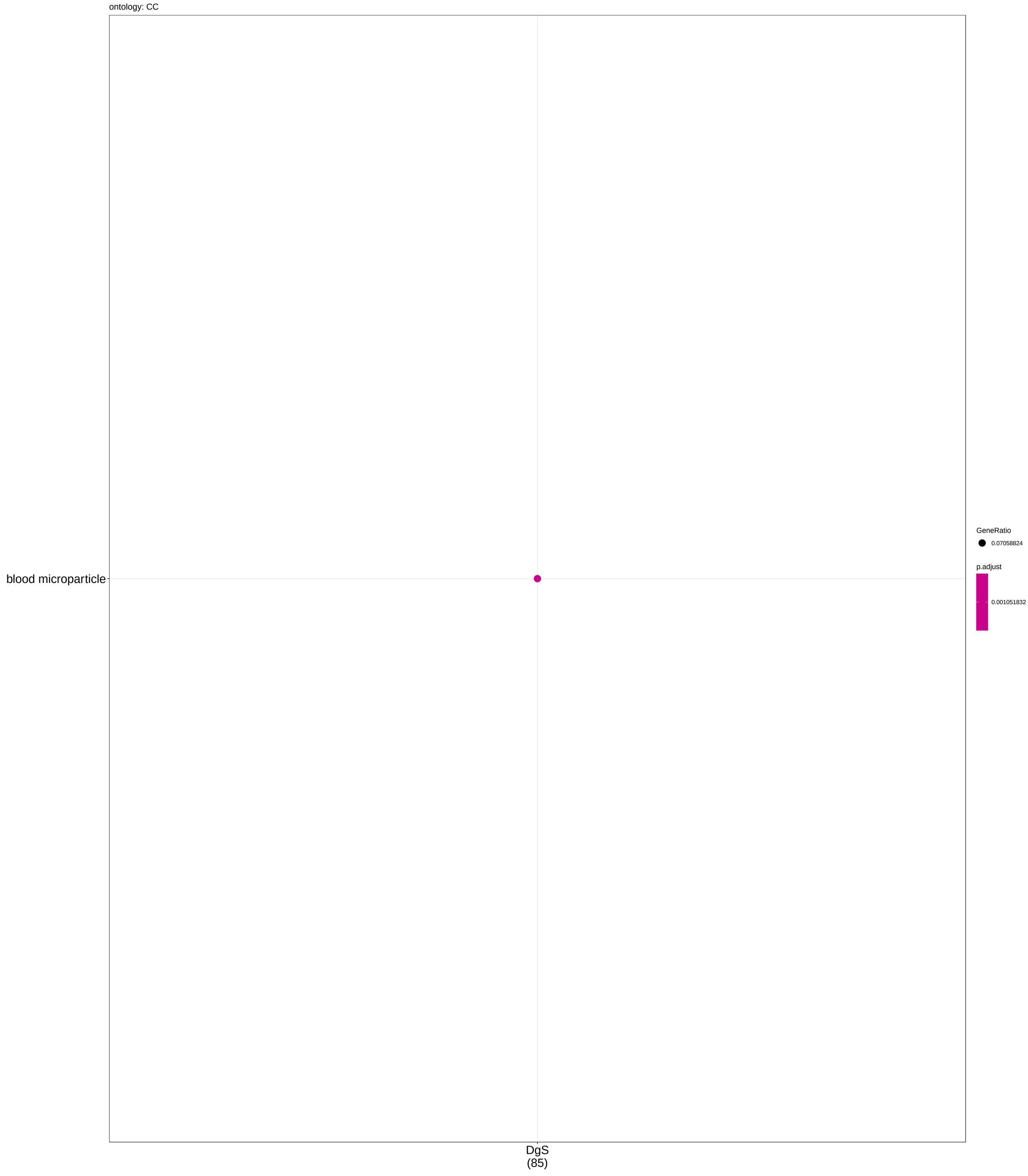
0.04
0.02
GeneRatio
0.06
0.09
0.12


ontology: CC
blood microparticle
DgS
(85)
GeneRatio
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p.adjust
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ontology: KEGG
Signaling pathways regulating pluripotency of stem cells
B cell receptor signaling pathway
NF−kappa B signaling pathway
JAK−STAT signaling pathway
Cytokine−cytokine receptor interaction
HgS
(34)
DgC
(48)
DgS
(52)
GeneRatio
0.11
0.12
0.13
0.14
0.15
p.adjust
0.04
0.03
0.02
0.01