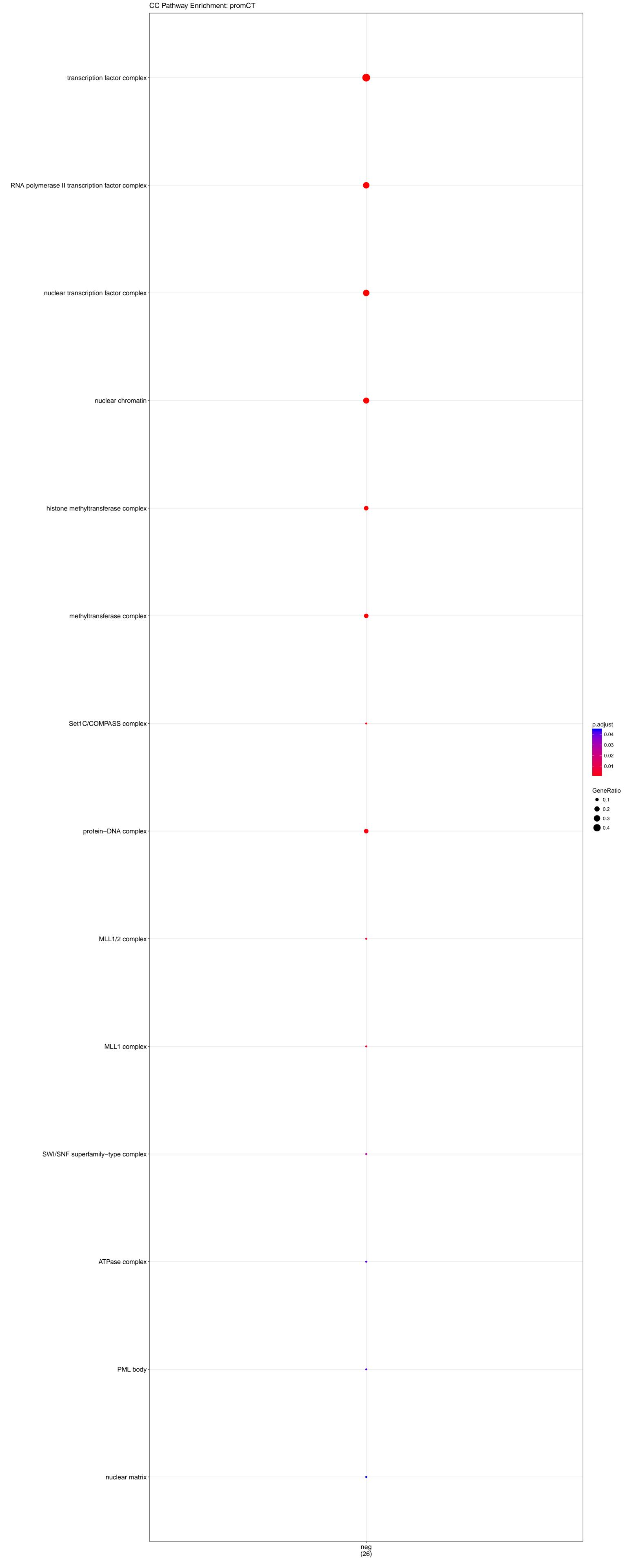
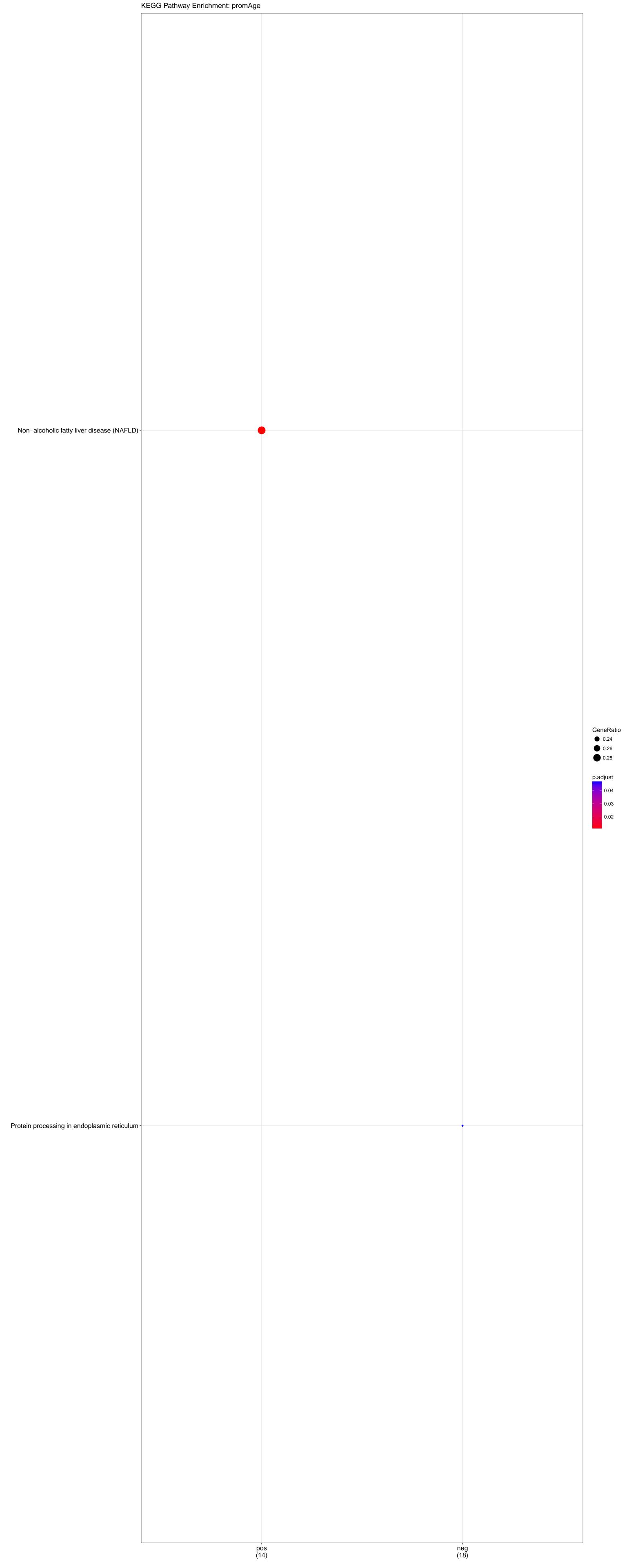


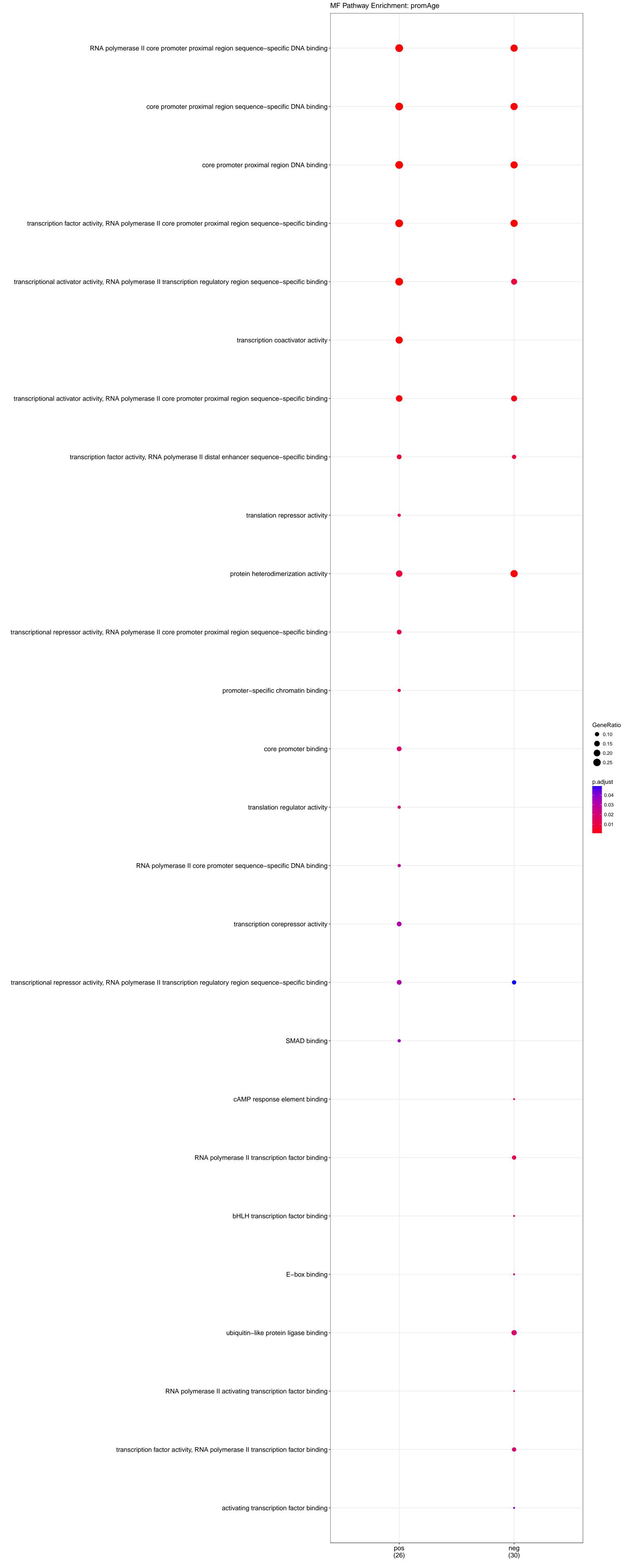
0.04 0.03 0.02 0.01

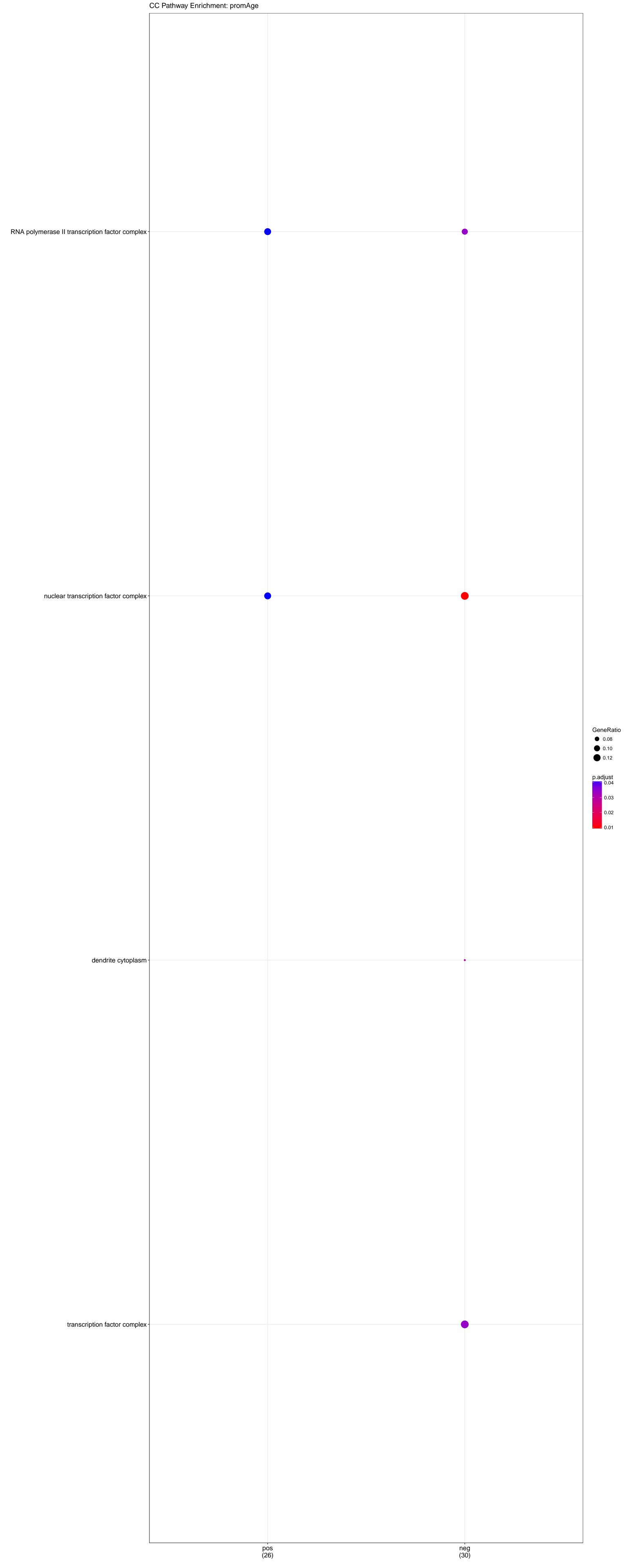


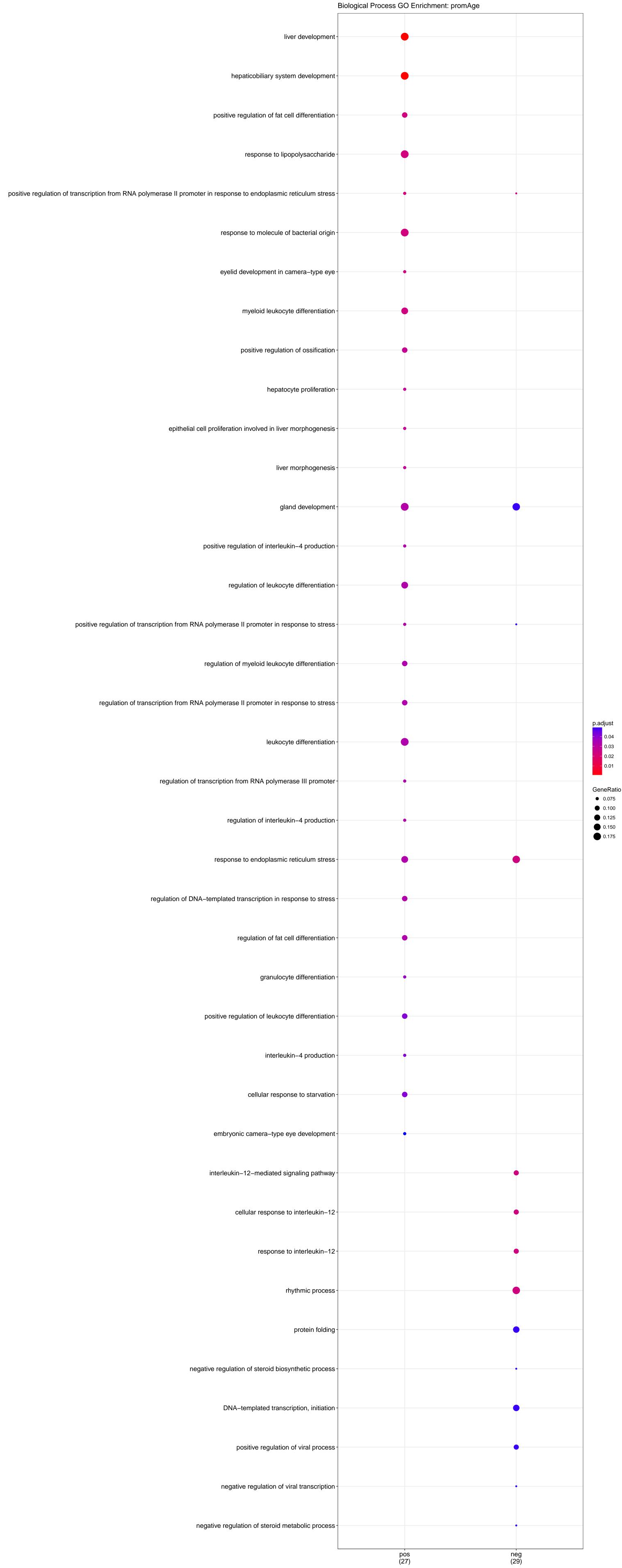


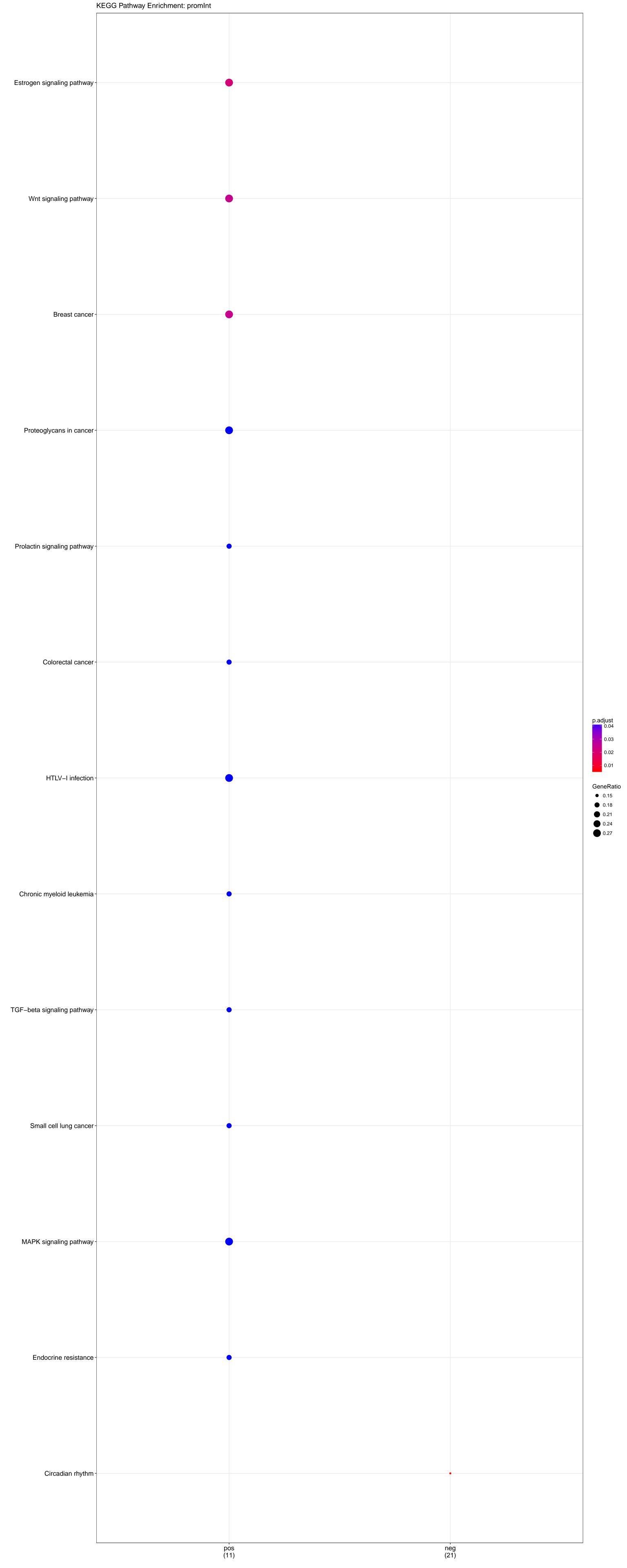
Biological Process GO Enrichment: promCT negative regulation of fibrinolysis positive regulation of transcription from RNA polymerase II promoter in response to endoplasmic reticulum stress response to unfolded protein negative regulation of wound healing response to topologically incorrect protein regulation of fibrinolysis negative regulation of response to wounding positive regulation of transcription from RNA polymerase II promoter in response to stress positive regulation of blood coagulation positive regulation of hemostasis positive regulation of coagulation response to endoplasmic reticulum stress fibrinolysis positive regulation of transcription from RNA polymerase II promoter involved in cellular response to chemical stimulus regulation of viral entry into host cell endoplasmic reticulum unfolded protein response placenta blood vessel development response to radiation skeletal muscle cell differentiation positive regulation of DNA-templated transcription, initiation response to cAMP striated muscle tissue development pri-miRNA transcription from RNA polymerase II promoter multi-multicellular organism process muscle tissue development muscle organ development myeloid cell differentiation regulation of DNA-templated transcription, initiation regulation of myeloid cell differentiation DNA-templated transcription, initiation response to organophosphorus regulation of striated muscle tissue development regulation of muscle tissue development response to purine-containing compound regulation of muscle organ development aging response to light stimulus cellular response to metal ion cellular response to calcium ion skeletal muscle tissue development response to gravity skeletal muscle organ development cellular response to inorganic substance transcription initiation from RNA polymerase II promoter positive regulation of striated muscle tissue development positive regulation of muscle organ development positive regulation of muscle tissue development GeneRatio • 0.10 response to mechanical stimulus 0.15 0.20 cellular response to extracellular stimulus 0.25 positive regulation of myeloid cell differentiation p.adjust parturition osteoclast differentiation 0.03 0.02 response to peptide hormone 0.01 response to drug response to corticosterone type B pancreatic cell development positive regulation of transcription initiation from RNA polymerase II promoter regulation of hemopoiesis glandular epithelial cell development positive regulation of osteoclast differentiation response to peptide type B pancreatic cell differentiation response to calcium ion enteroendocrine cell differentiation positive regulation of skeletal muscle tissue development regulation of transcription initiation from RNA polymerase II promoter response to mineralocorticoid cellular response to external stimulus regulation of pri-miRNA transcription from RNA polymerase II promoter endocrine system development cellular response to peptide hormone stimulus learning in utero embryonic development rhythmic process response to metal ion placenta development cellular response to peptide positive regulation of hemopoiesis endocrine pancreas development response to progesterone glandular epithelial cell differentiation histone H3–K4 methylation positive regulation of myeloid leukocyte differentiation regulation of protein complex assembly response to steroid hormone regulation of skeletal muscle tissue development myeloid leukocyte differentiation female pregnancy columnar/cuboidal epithelial cell development circadian rhythm response to oxidative stress fat cell differentiation regulation of osteoclast differentiation response to extracellular stimulus termination of RNA polymerase II transcription **RNA** localization positive regulation of protein complex assembly learning or memory associative learning regulation of DNA recombination pos (26) neg (26)

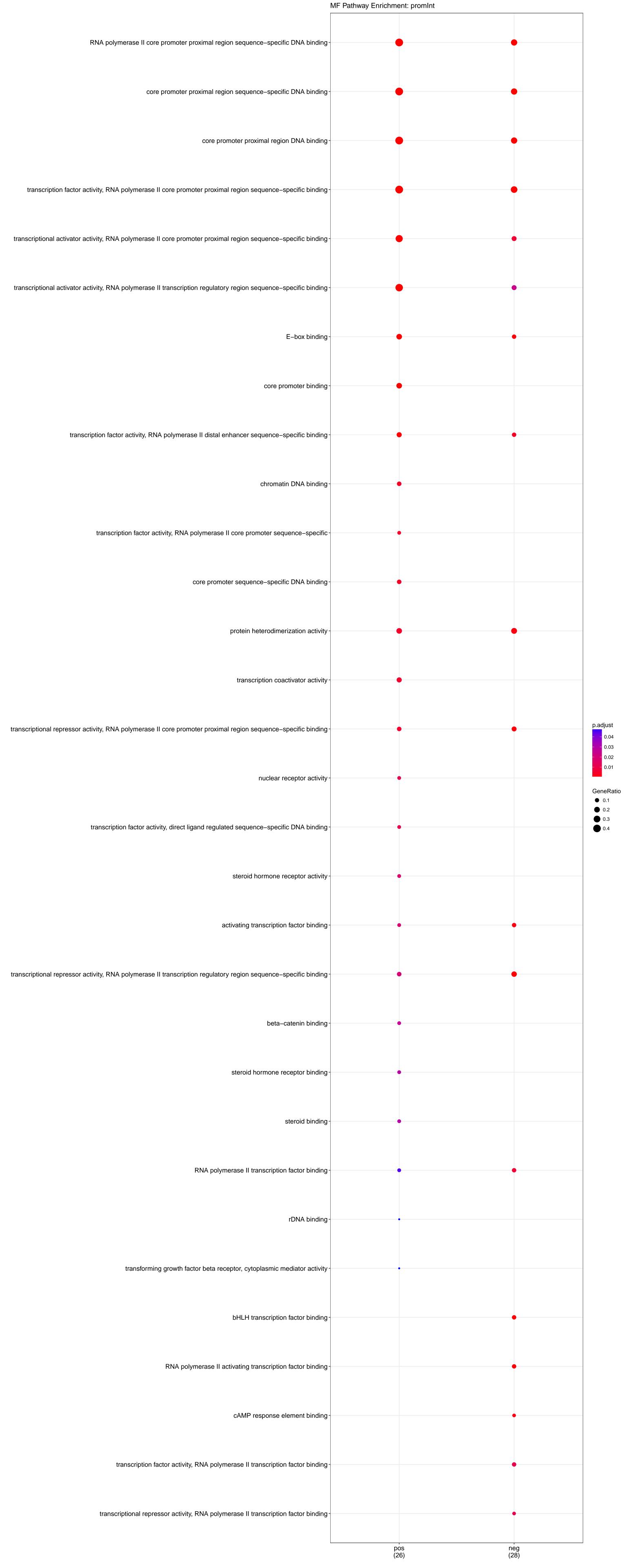


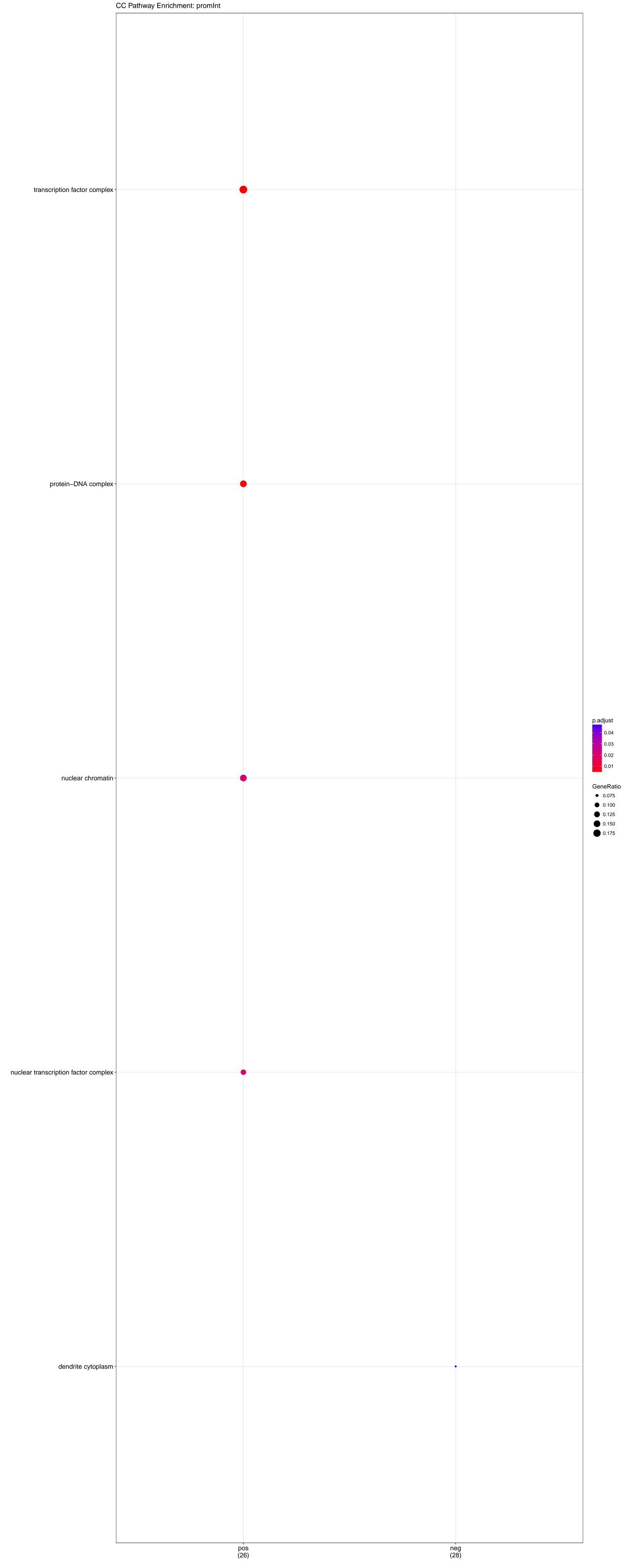




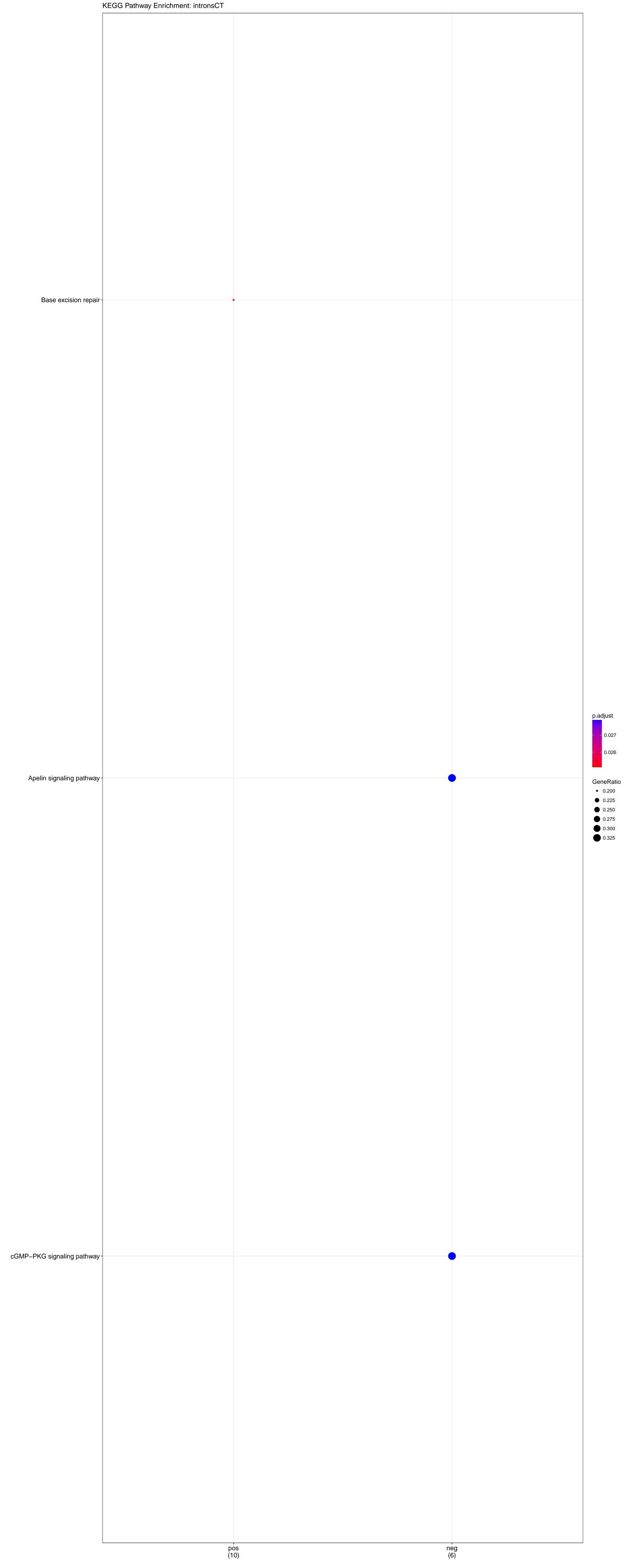


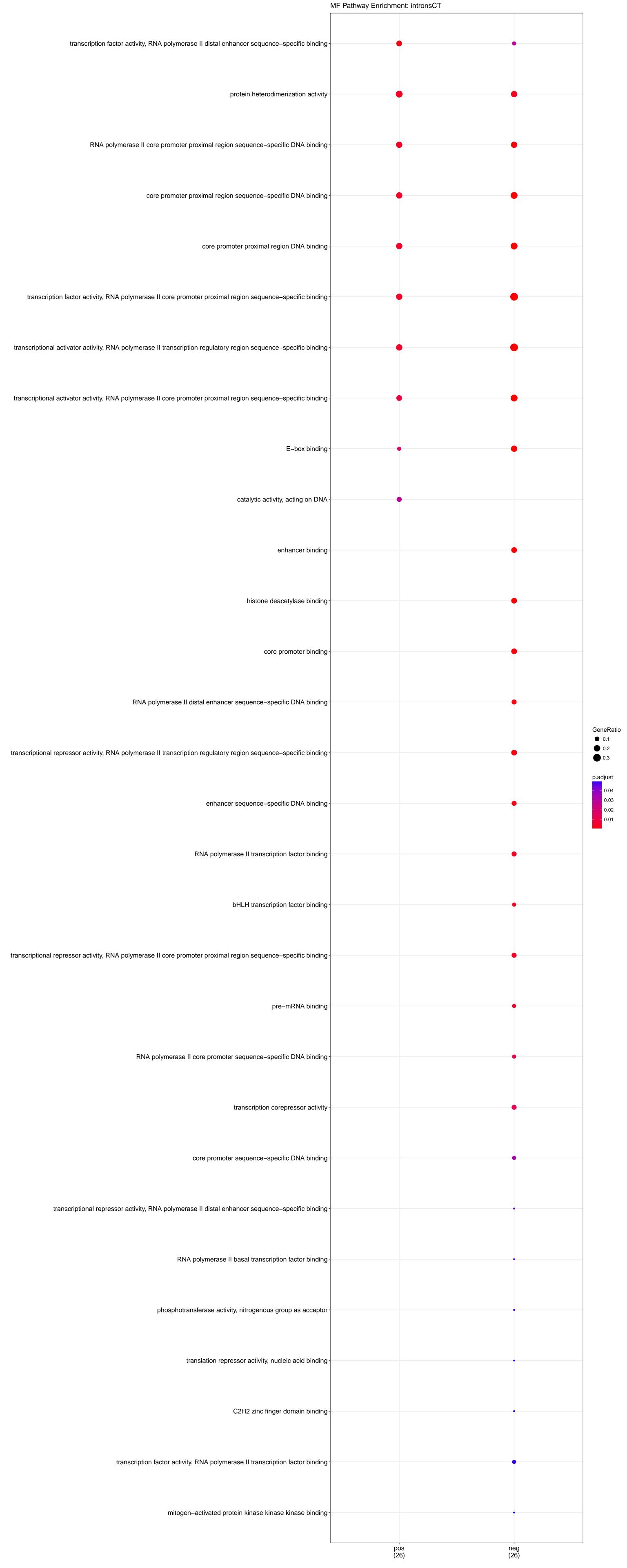


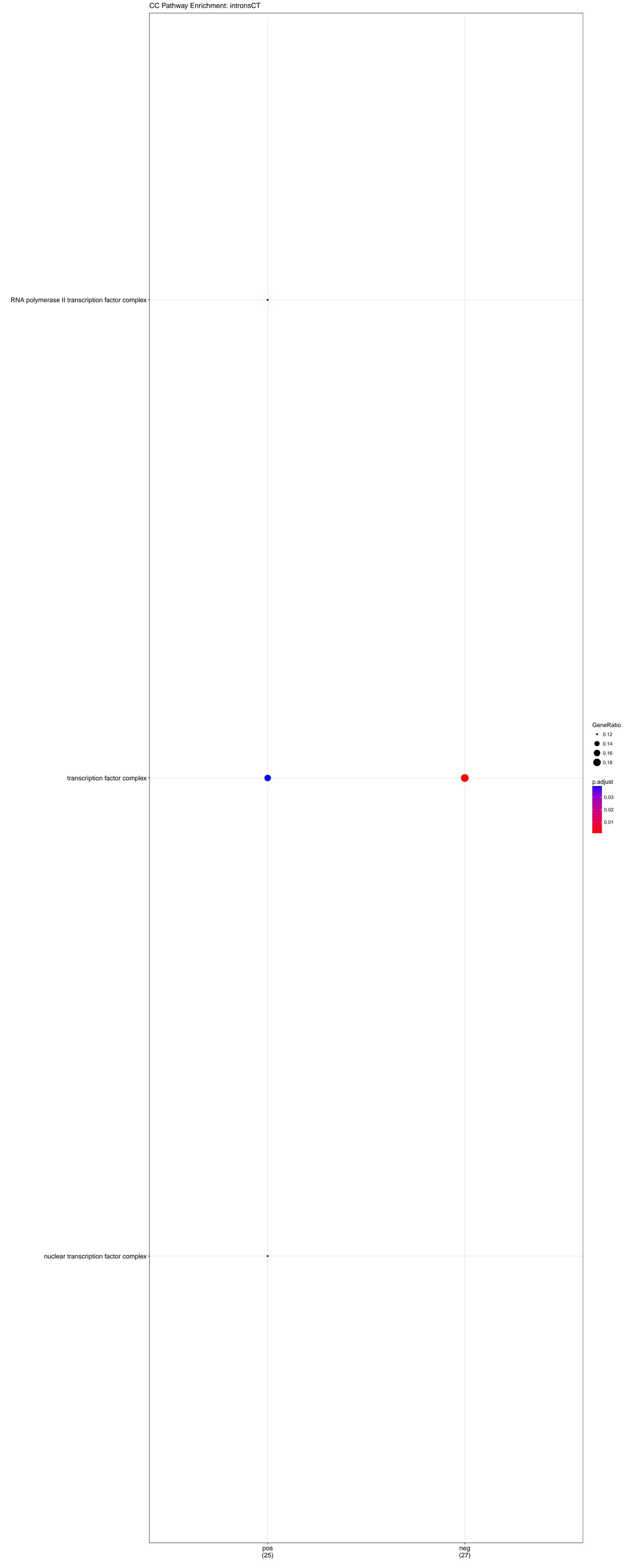


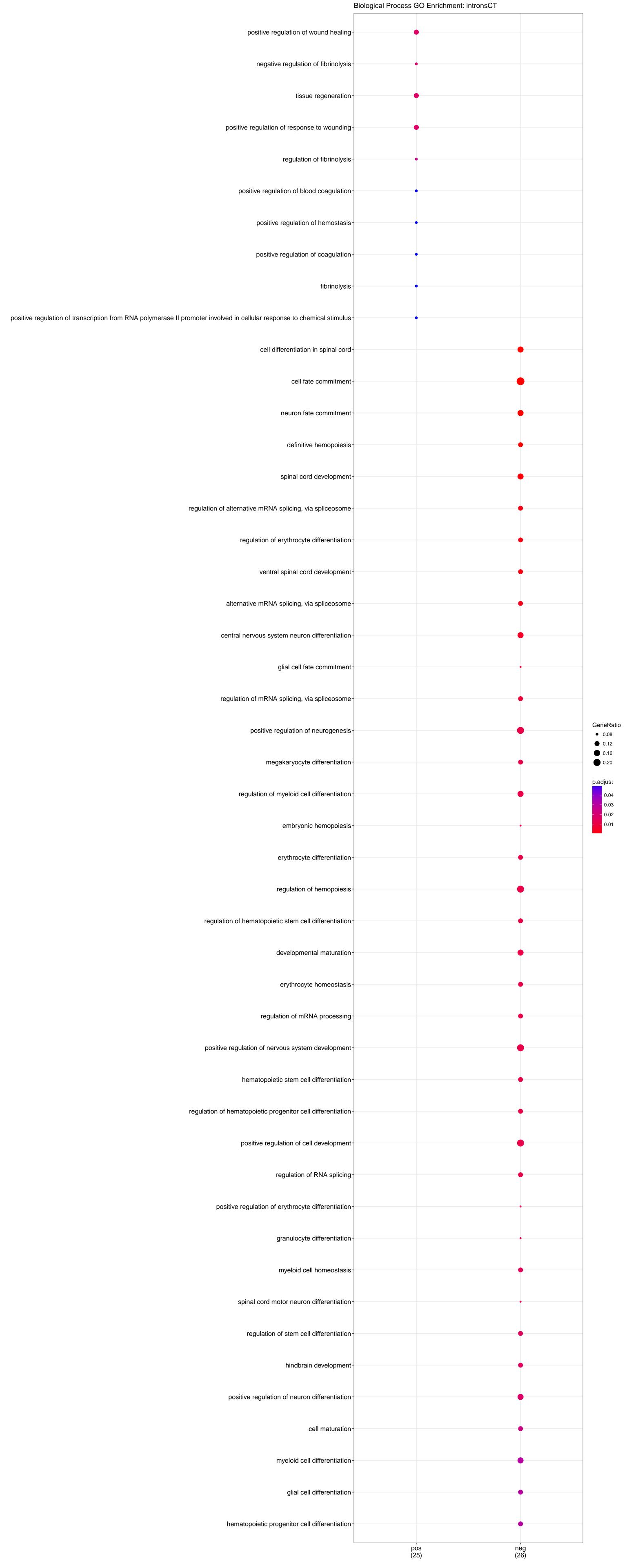


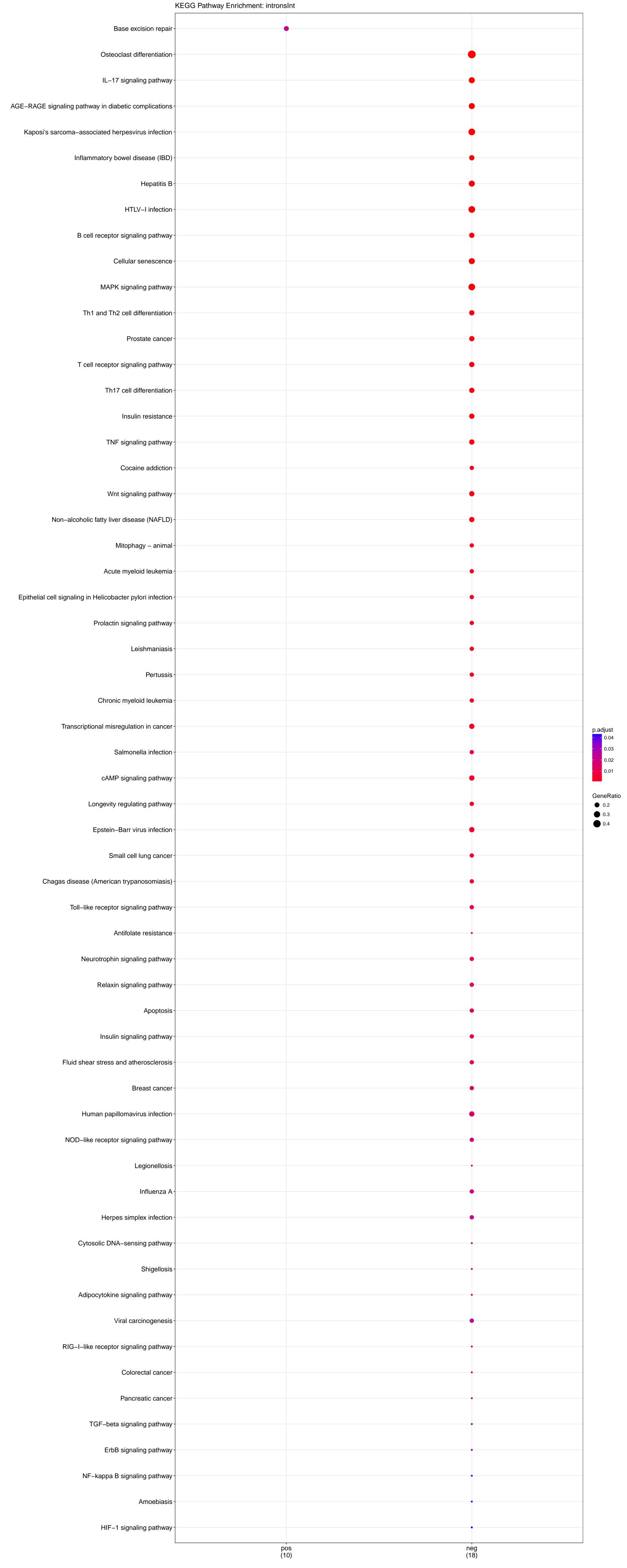


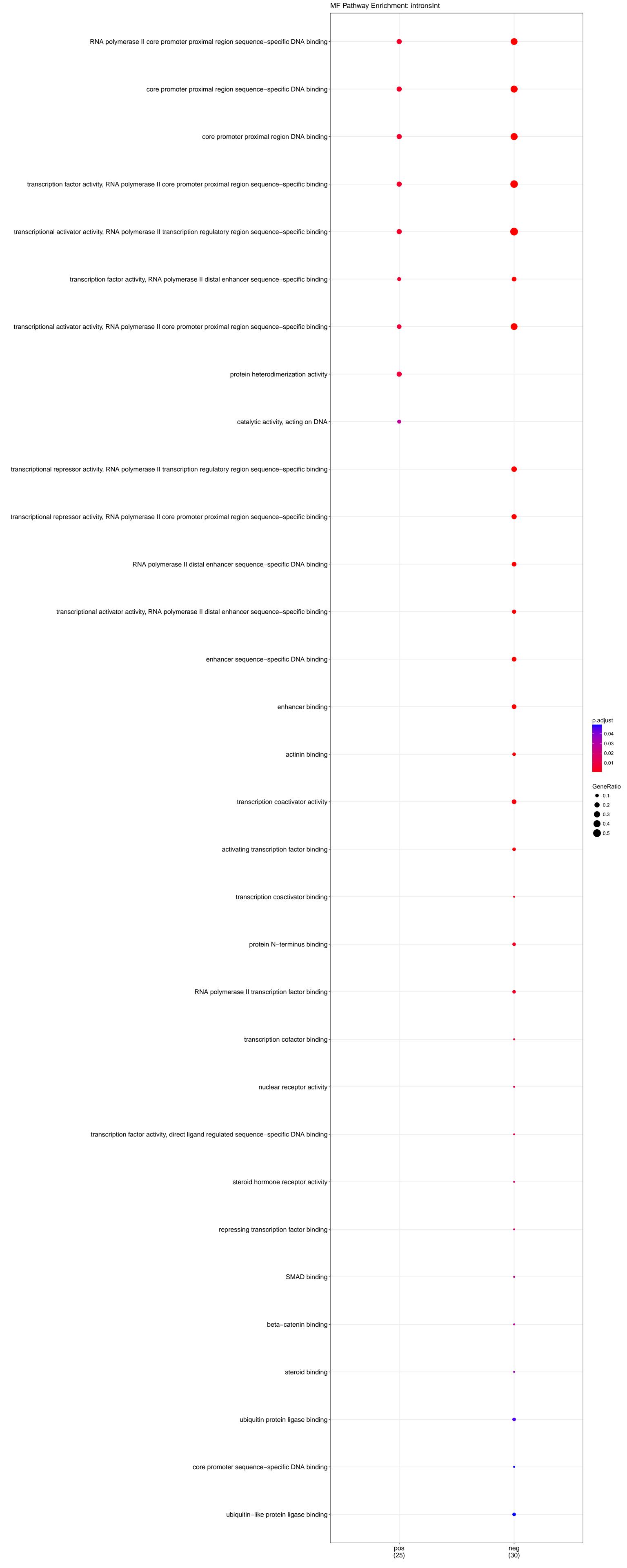


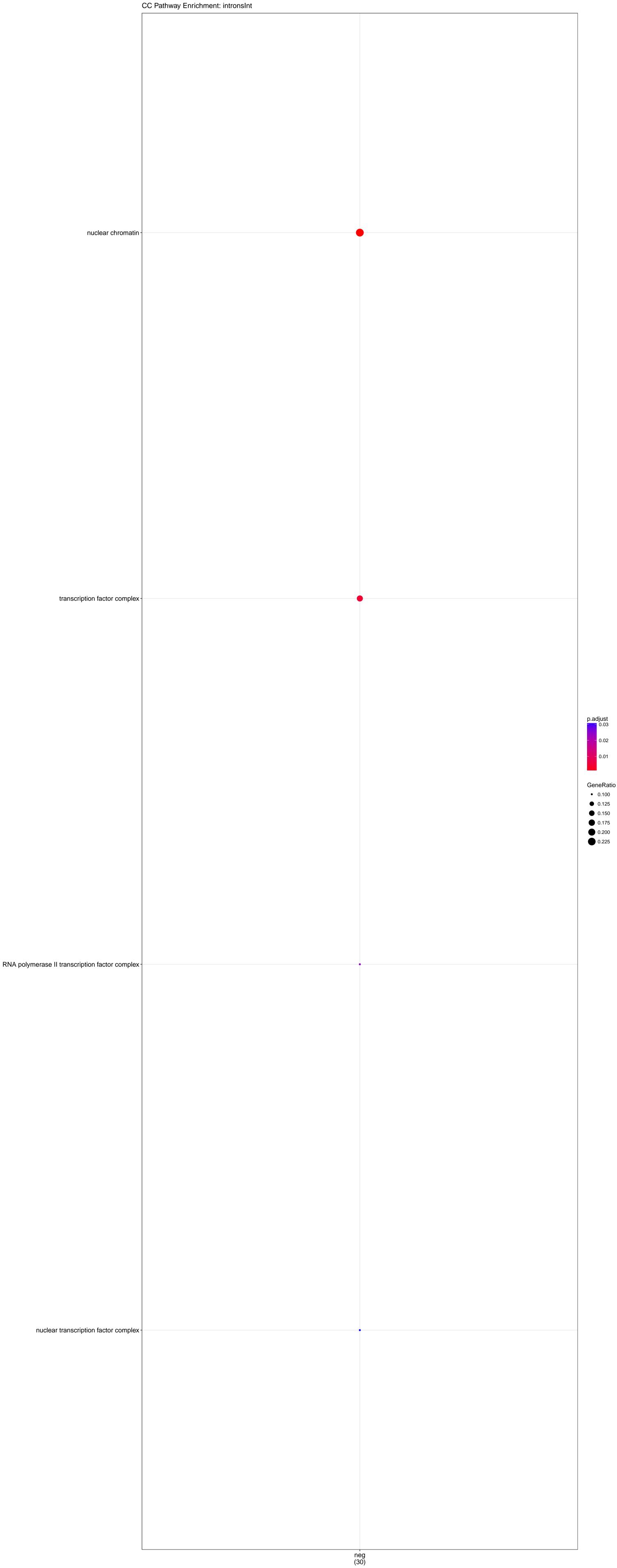




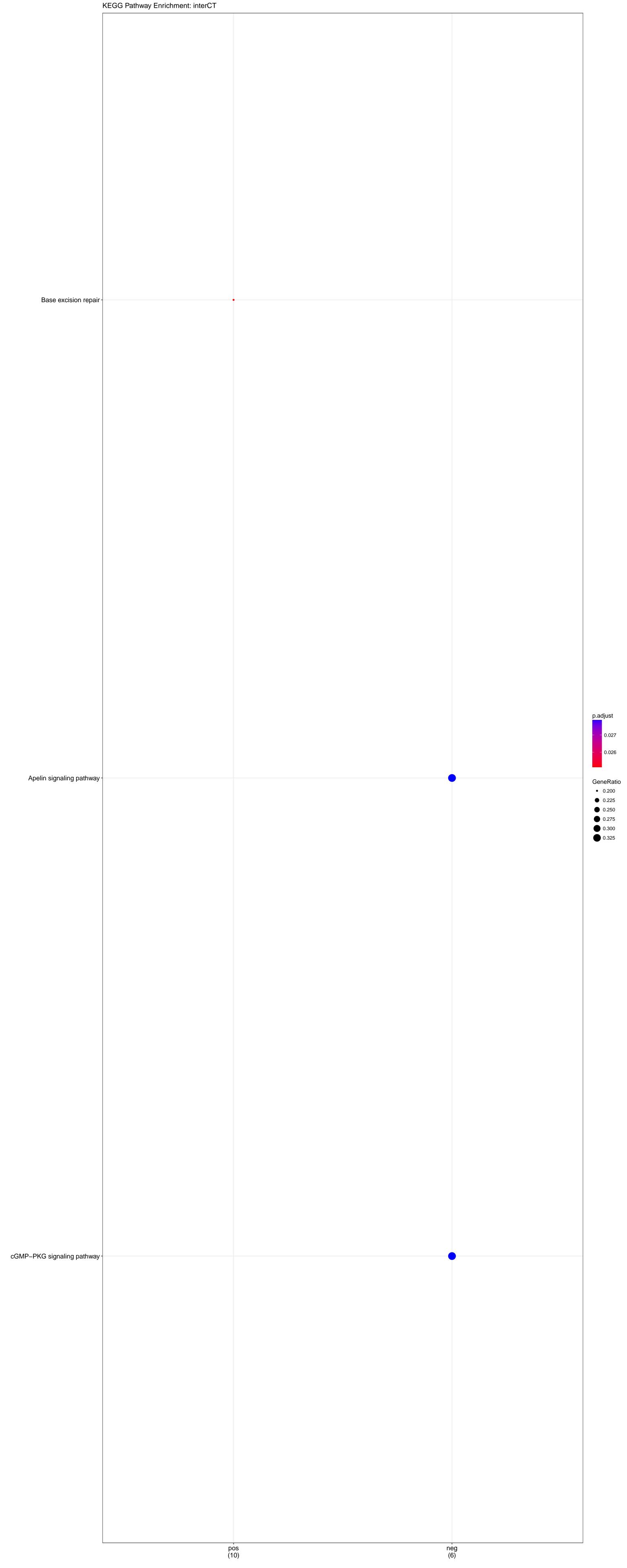




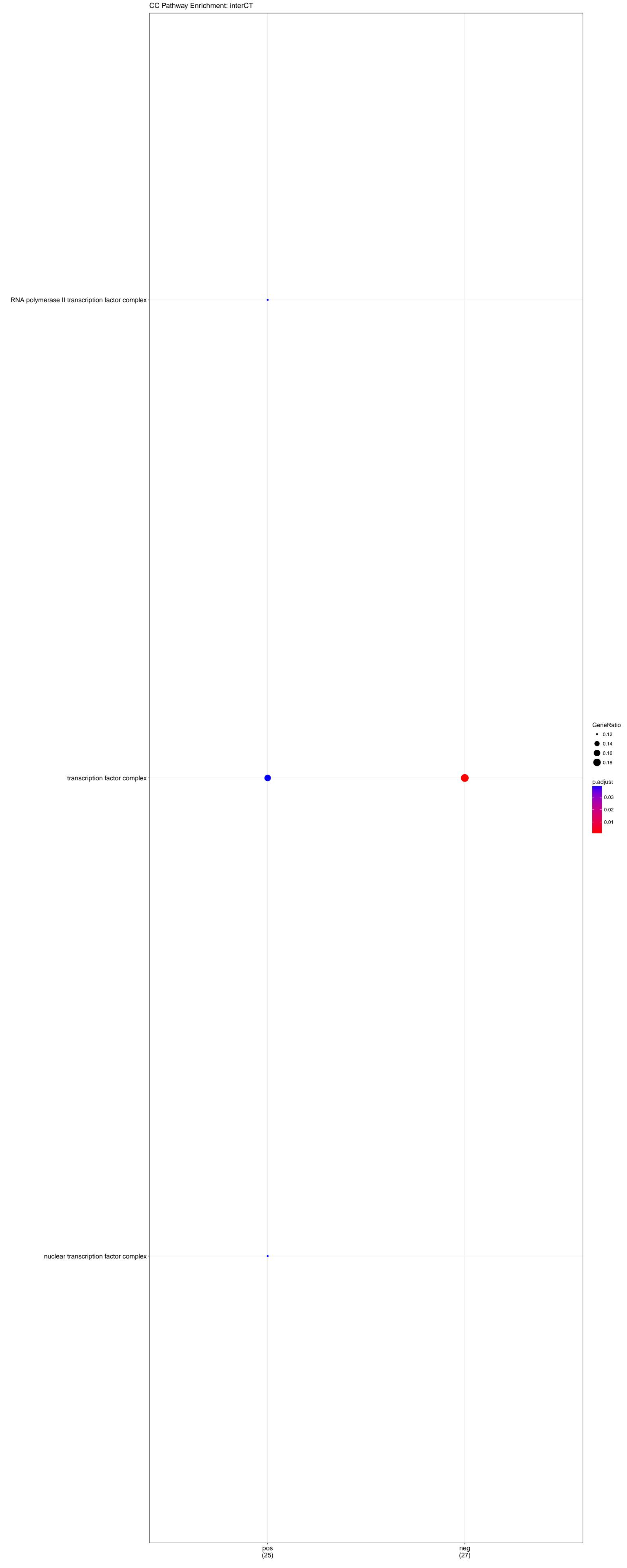


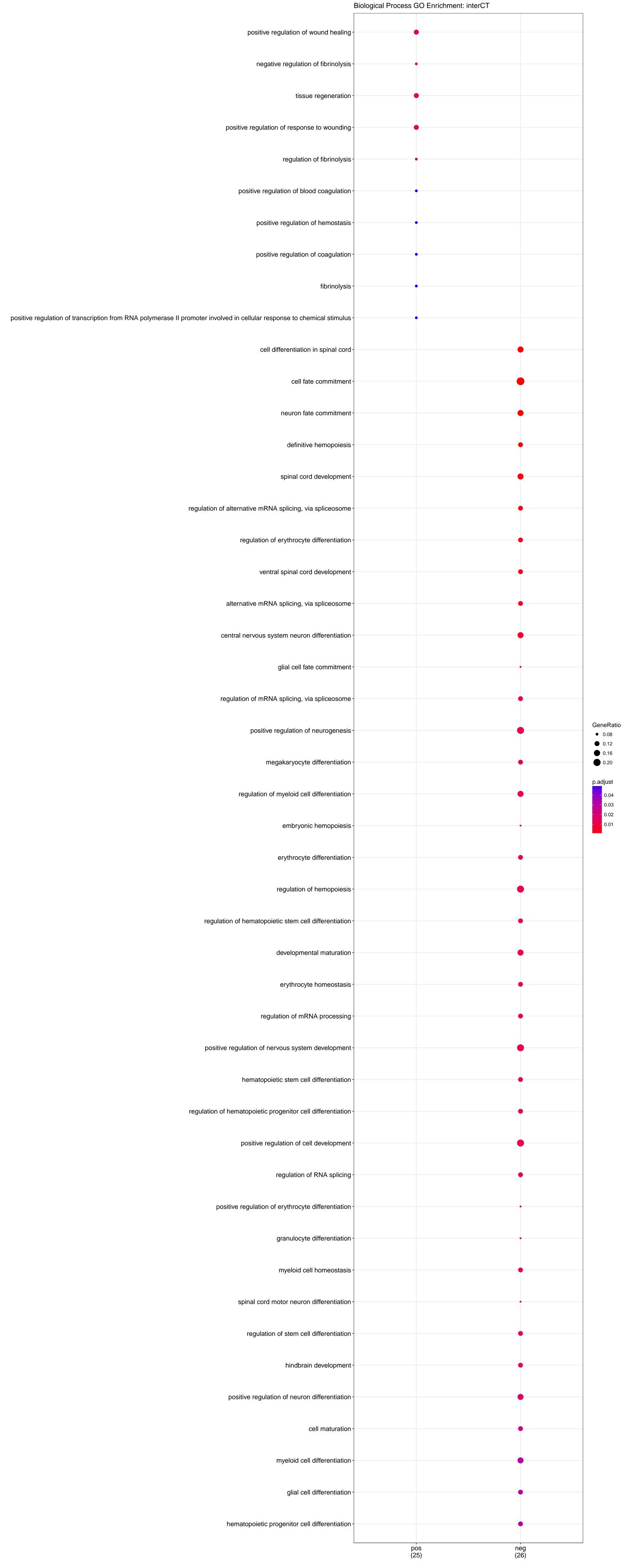


Biological Process GO Enrichment: intronsInt positive regulation of wound healing negative regulation of fibrinolysis tissue regeneration positive regulation of response to wounding regulation of fibrinolysis positive regulation of blood coagulation positive regulation of hemostasis positive regulation of coagulation fibrinolysis positive regulation of transcription from RNA polymerase II promoter involved in cellular response to chemical stimulus skeletal muscle tissue regeneration response to hydrogen peroxide placenta blood vessel development regulation of wound healing response to cAMP response to organophosphorus response to purine-containing compound response to drug response to mechanical stimulus response to steroid hormone response to muscle stretch cellular response to inorganic substance Fc-epsilon receptor signaling pathway response to ketone pri-miRNA transcription from RNA polymerase II promoter regulation of DNA binding transcription factor activity response to calcium ion Fc receptor signaling pathway positive regulation of DNA binding transcription factor activity response to progesterone positive regulation of NF-kappaB transcription factor activity positive regulation of fibroblast proliferation intracellular receptor signaling pathway cellular response to external stimulus cellular response to calcium ion cellular response to metal ion regulation of epithelial cell proliferation response to lipopolysaccharide positive regulation of epithelial cell proliferation response to metal ion eyelid development in camera-type eye response to molecule of bacterial origin epithelial cell proliferation membrane protein intracellular domain proteolysis regulation of monocyte differentiation regulation of fibroblast proliferation cellular response to extracellular stimulus fibroblast proliferation p.adjust response to reactive oxygen species 0.04 protein-DNA complex disassembly 0.03 positive regulation of pri-miRNA transcription from RNA polymerase II promoter 0.02 0.01 response to peptide hormone neuronal stem cell population maintenance GeneRatio miRNA metabolic process 0.15 tooth mineralization 0.20 0.25 DNA-templated transcription, initiation response to radiation regulation of organ morphogenesis cellular response to interleukin-6 regulation of hemopoiesis cellular response to steroid hormone stimulus positive regulation of DNA-templated transcription, initiation stress-activated MAPK cascade response to extracellular stimulus immune response-regulating cell surface receptor signaling pathway regulation of DNA-templated transcription in response to stress regulation of pri-miRNA transcription from RNA polymerase II promoter insulin receptor signaling pathway response to interleukin-6 stimulatory C-type lectin receptor signaling pathway response to peptide Wnt signaling pathway regulation of type I interferon production cell-cell signaling by wnt innate immune response activating cell surface receptor signaling pathway type I interferon production NIK/NF-kappaB signaling stress-activated protein kinase signaling cascade monocyte differentiation mononuclear cell differentiation aging cellular response to starvation canonical Wnt signaling pathway cellular response to peptide hormone stimulus regulation of DNA-templated transcription, initiation nucleotide-binding oligomerization domain containing signaling pathway nucleotide-binding domain, leucine rich repeat containing receptor signaling pathway in utero embryonic development urogenital system development placenta development morphogenesis of embryonic epithelium regulation of Wnt signaling pathway cellular response to reactive oxygen species negative regulation of stress-activated MAPK cascade negative regulation of epidermal growth factor receptor signaling pathway negative regulation of stress-activated protein kinase signaling cascade cellular response to peptide response to nicotine Notch signaling pathway response to starvation positive regulation of neuron apoptotic process T cell receptor signaling pathway regulation of interleukin-12 production interleukin-12 production pos (24) neg (30)

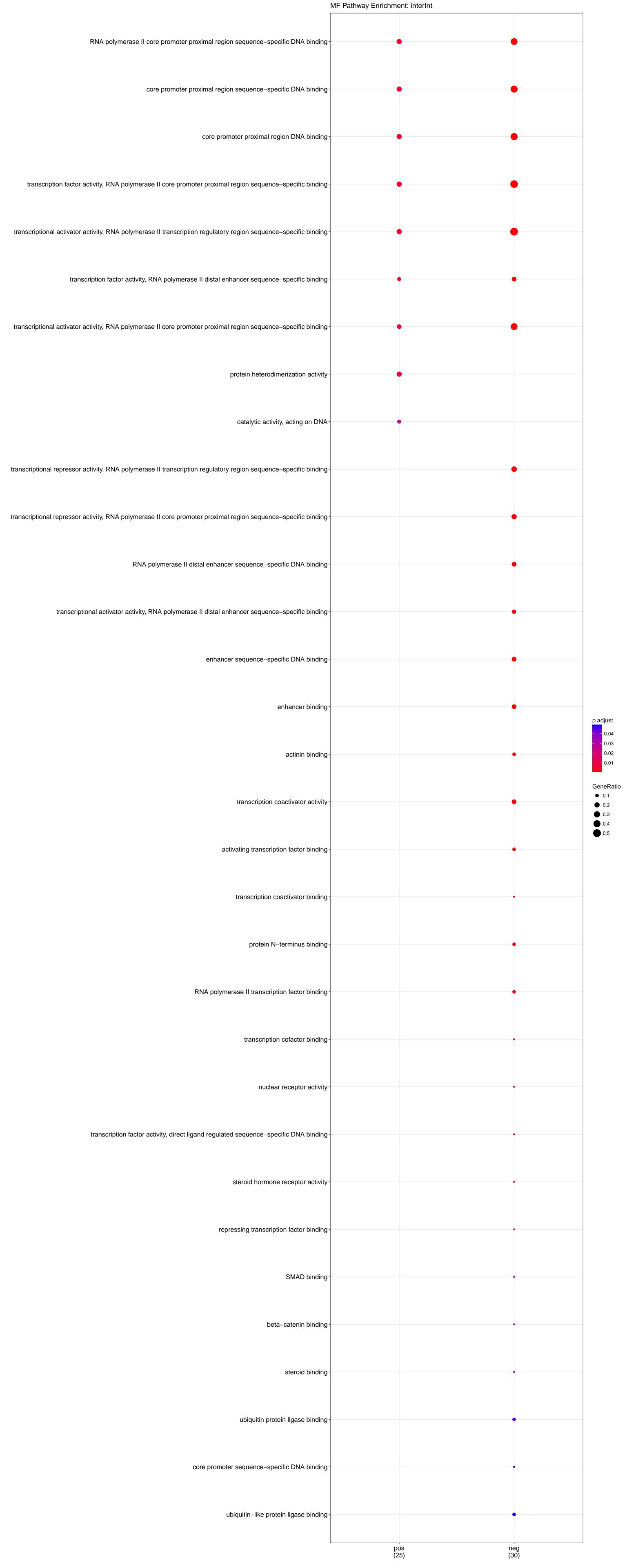


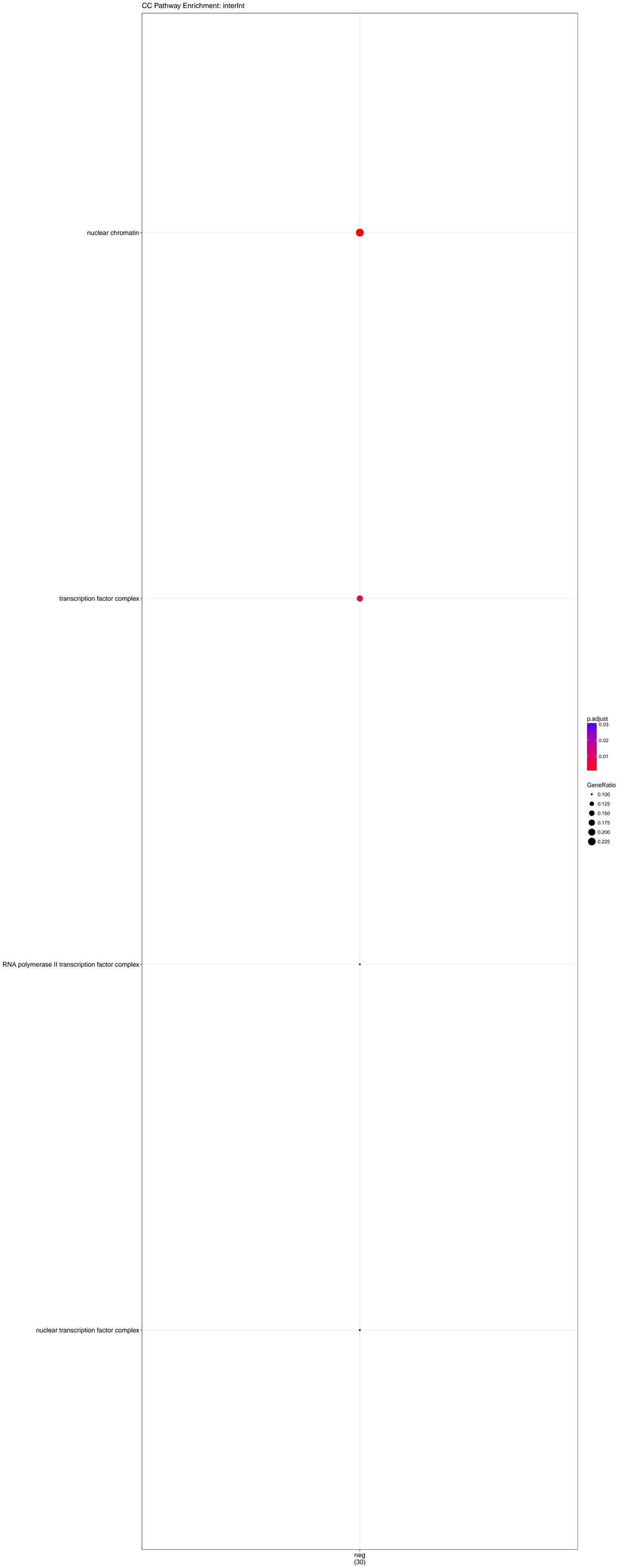












Biological Process GO Enrichment: interInt positive regulation of wound healing negative regulation of fibrinolysis tissue regeneration positive regulation of response to wounding regulation of fibrinolysis positive regulation of blood coagulation positive regulation of hemostasis positive regulation of coagulation fibrinolysis positive regulation of transcription from RNA polymerase II promoter involved in cellular response to chemical stimulus skeletal muscle tissue regeneration response to hydrogen peroxide placenta blood vessel development regulation of wound healing response to cAMP response to organophosphorus response to purine-containing compound response to drug response to mechanical stimulus response to steroid hormone response to muscle stretch cellular response to inorganic substance Fc-epsilon receptor signaling pathway response to ketone pri-miRNA transcription from RNA polymerase II promoter regulation of DNA binding transcription factor activity response to calcium ion Fc receptor signaling pathway positive regulation of DNA binding transcription factor activity response to progesterone positive regulation of NF-kappaB transcription factor activity positive regulation of fibroblast proliferation intracellular receptor signaling pathway cellular response to external stimulus cellular response to calcium ion cellular response to metal ion regulation of epithelial cell proliferation response to lipopolysaccharide positive regulation of epithelial cell proliferation response to metal ion eyelid development in camera-type eye response to molecule of bacterial origin epithelial cell proliferation membrane protein intracellular domain proteolysis regulation of monocyte differentiation regulation of fibroblast proliferation cellular response to extracellular stimulus fibroblast proliferation p.adjust response to reactive oxygen species 0.04 protein-DNA complex disassembly 0.03 positive regulation of pri-miRNA transcription from RNA polymerase II promoter 0.02 0.01 response to peptide hormone neuronal stem cell population maintenance GeneRatio miRNA metabolic process 0.15 tooth mineralization 0.20 0.25 DNA-templated transcription, initiation response to radiation regulation of organ morphogenesis cellular response to interleukin-6 regulation of hemopoiesis cellular response to steroid hormone stimulus positive regulation of DNA-templated transcription, initiation stress-activated MAPK cascade response to extracellular stimulus immune response-regulating cell surface receptor signaling pathway regulation of DNA-templated transcription in response to stress regulation of pri-miRNA transcription from RNA polymerase II promoter insulin receptor signaling pathway response to interleukin-6 stimulatory C-type lectin receptor signaling pathway response to peptide Wnt signaling pathway regulation of type I interferon production cell-cell signaling by wnt innate immune response activating cell surface receptor signaling pathway type I interferon production NIK/NF-kappaB signaling stress-activated protein kinase signaling cascade monocyte differentiation mononuclear cell differentiation aging cellular response to starvation canonical Wnt signaling pathway cellular response to peptide hormone stimulus regulation of DNA-templated transcription, initiation nucleotide-binding oligomerization domain containing signaling pathway nucleotide-binding domain, leucine rich repeat containing receptor signaling pathway in utero embryonic development urogenital system development placenta development morphogenesis of embryonic epithelium regulation of Wnt signaling pathway cellular response to reactive oxygen species negative regulation of stress-activated MAPK cascade negative regulation of epidermal growth factor receptor signaling pathway negative regulation of stress-activated protein kinase signaling cascade cellular response to peptide response to nicotine Notch signaling pathway response to starvation positive regulation of neuron apoptotic process T cell receptor signaling pathway regulation of interleukin-12 production interleukin-12 production pos (24) neg (30)