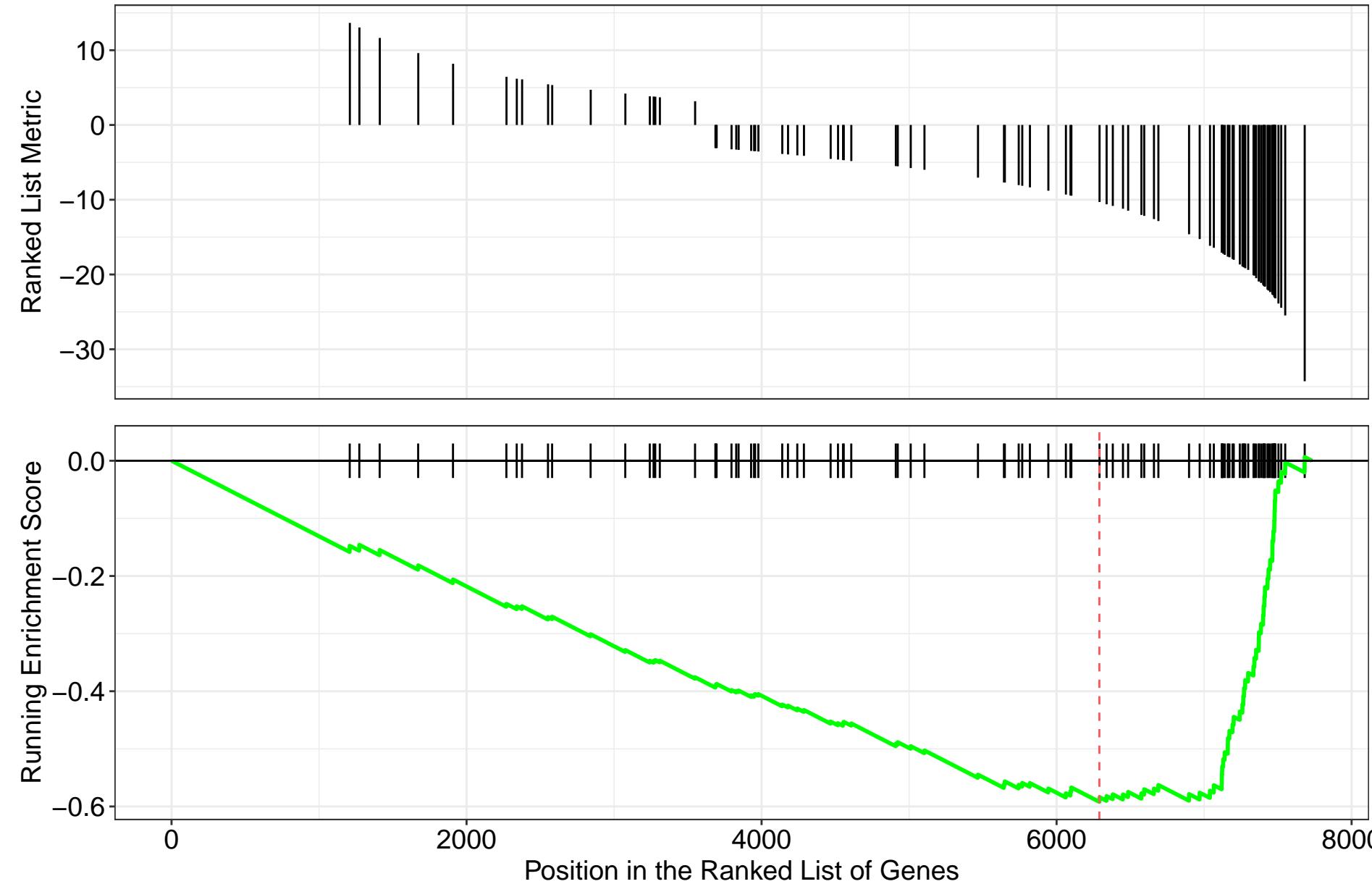
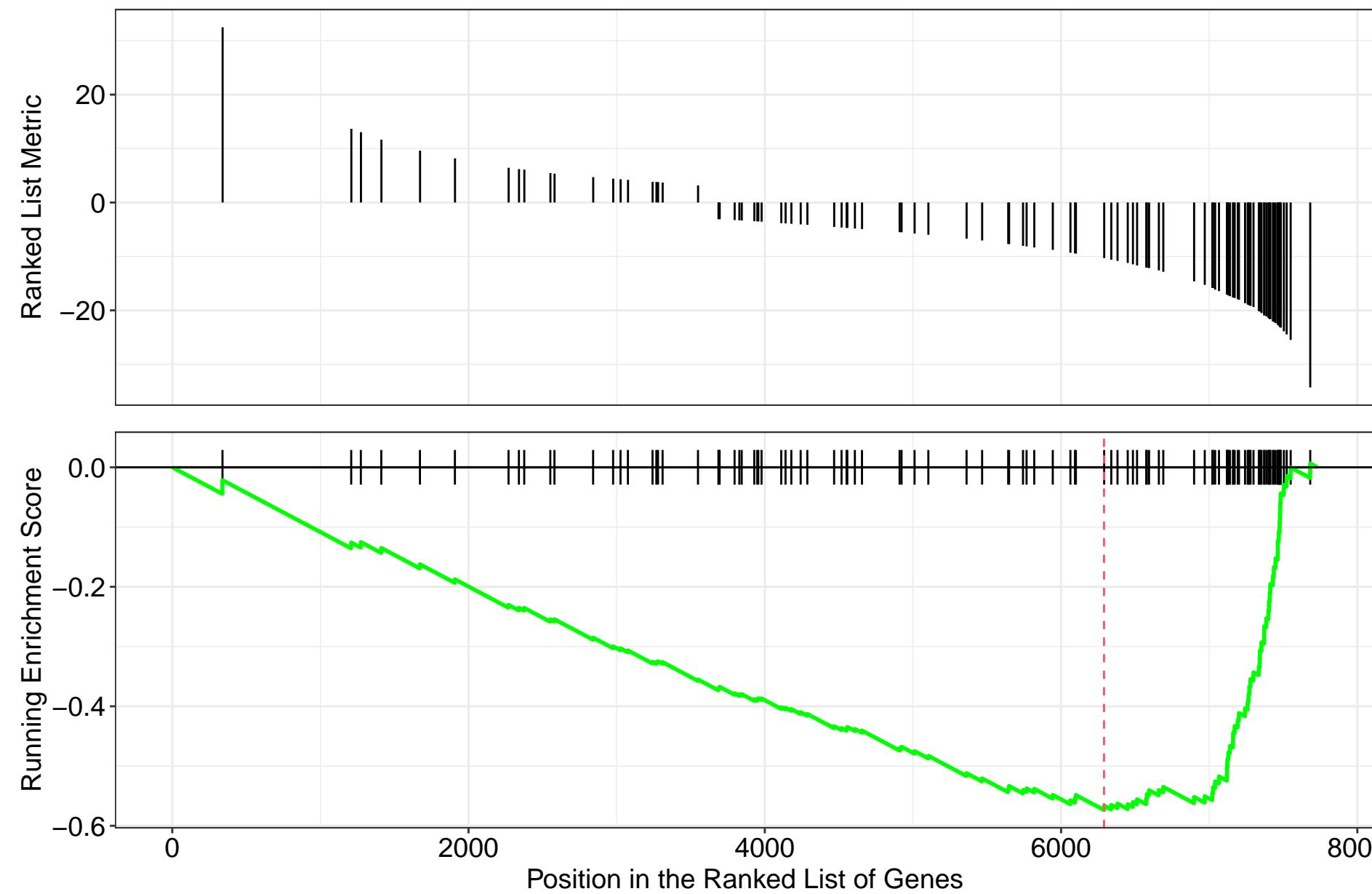


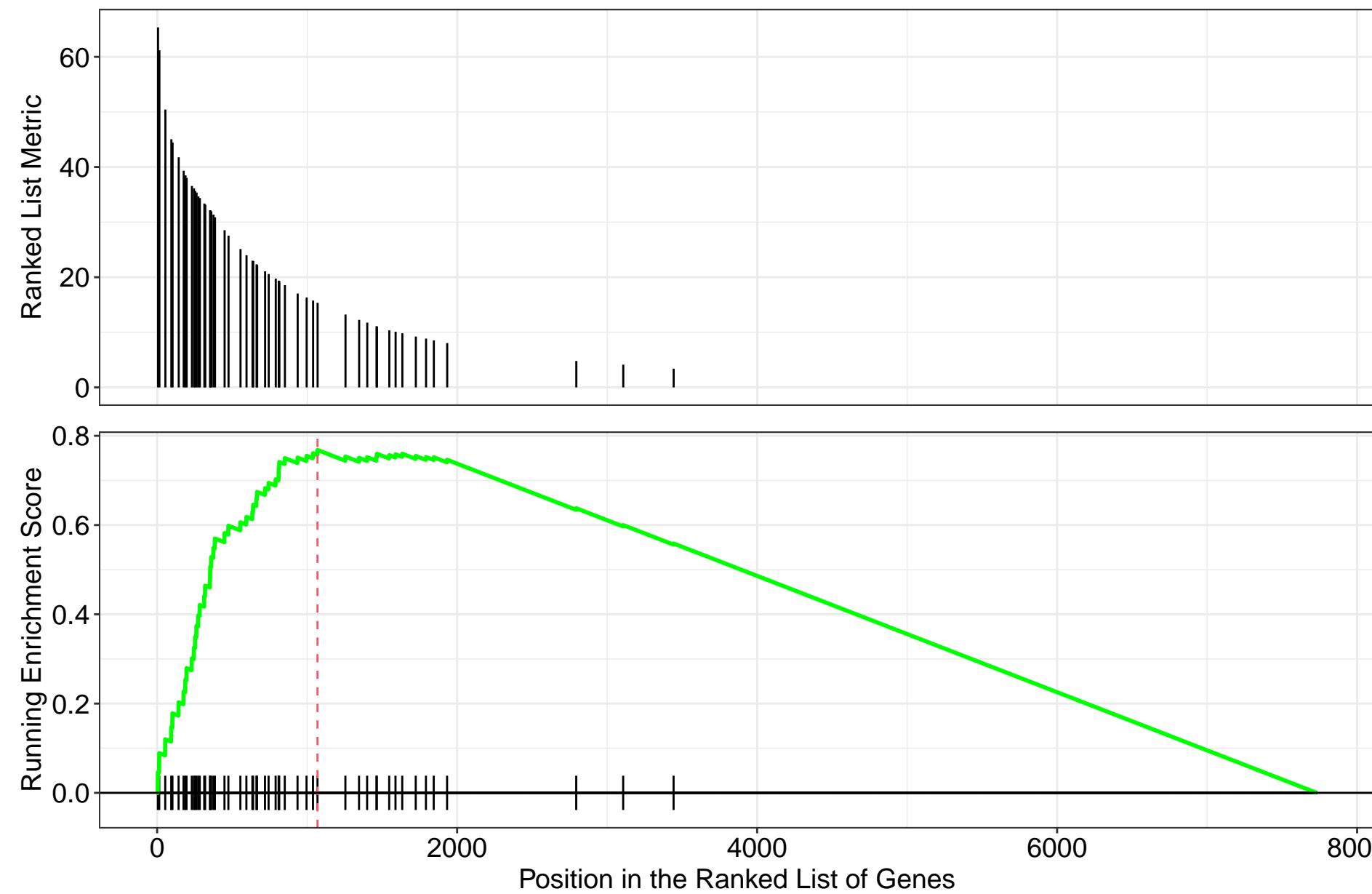
# mitotic sister chromatid segregation



# sister chromatid segregation

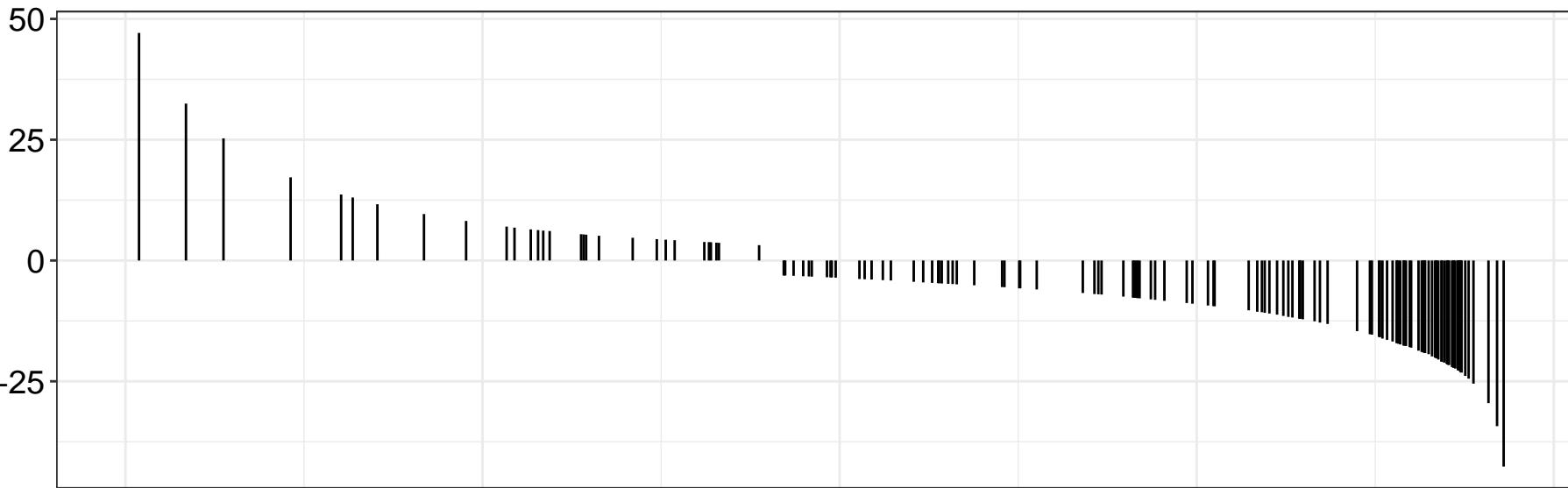


# response to interferon–beta



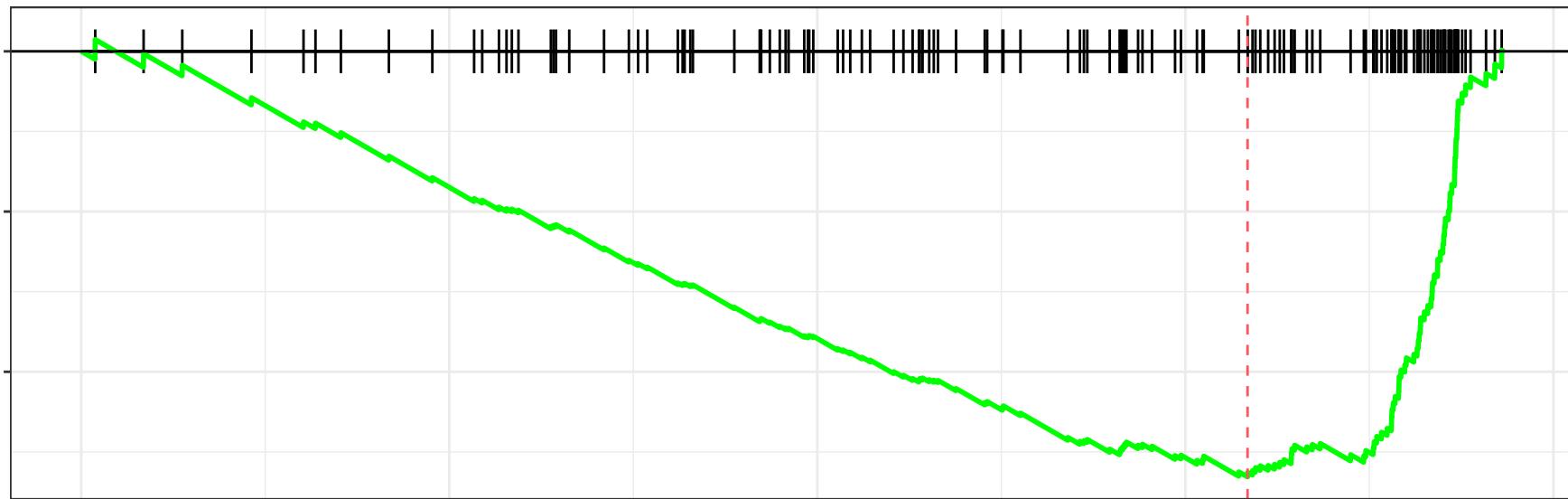
# nuclear chromosome segregation

Ranked List Metric

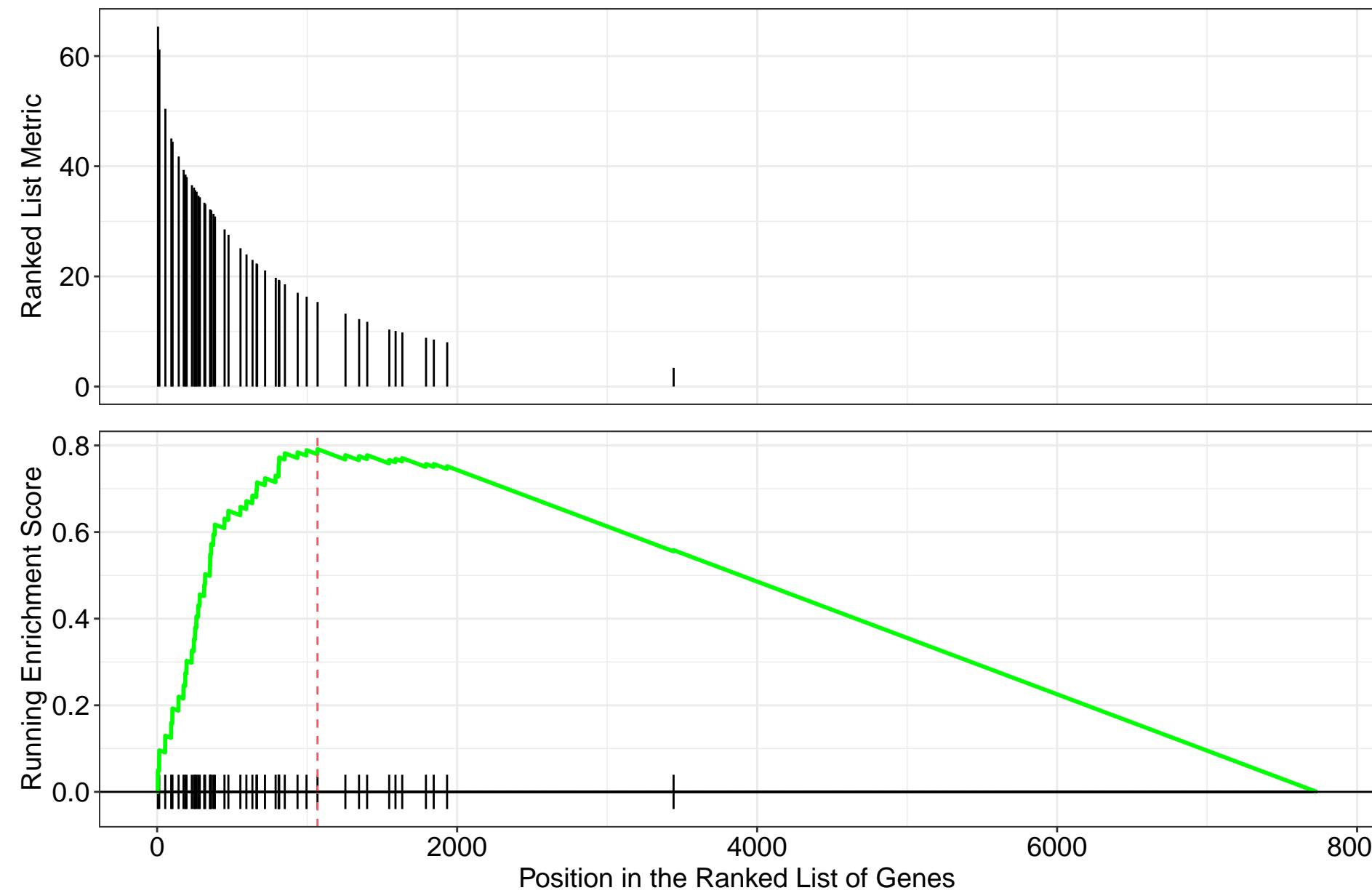


Running Enrichment Score

Position in the Ranked List of Genes

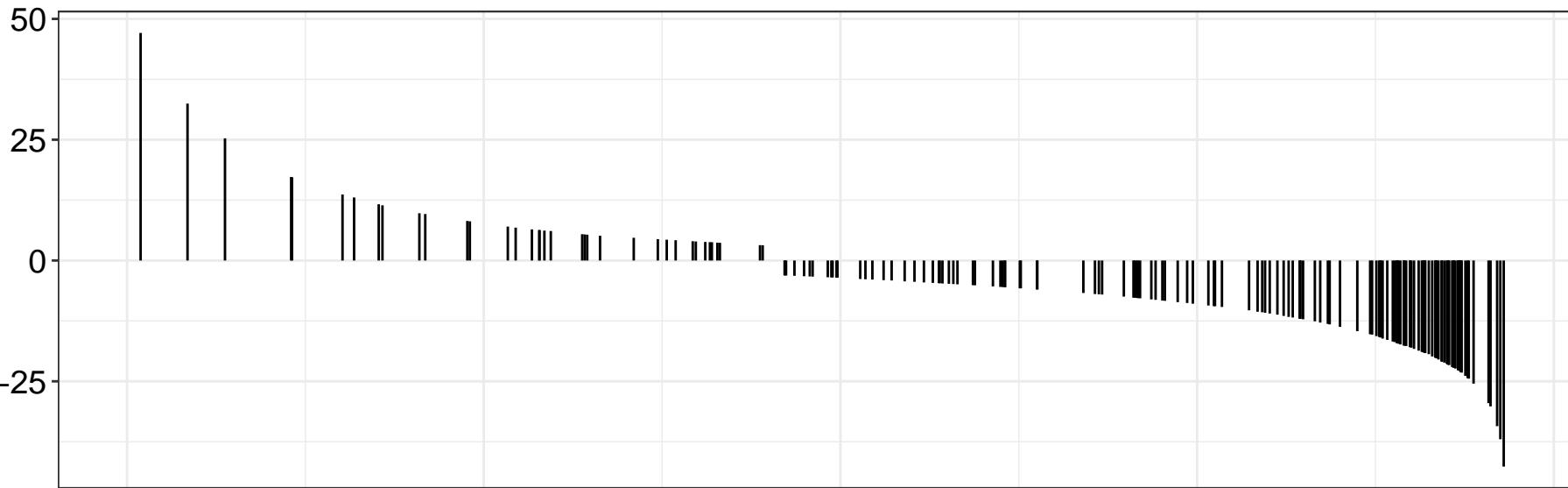


# cellular response to interferon–beta



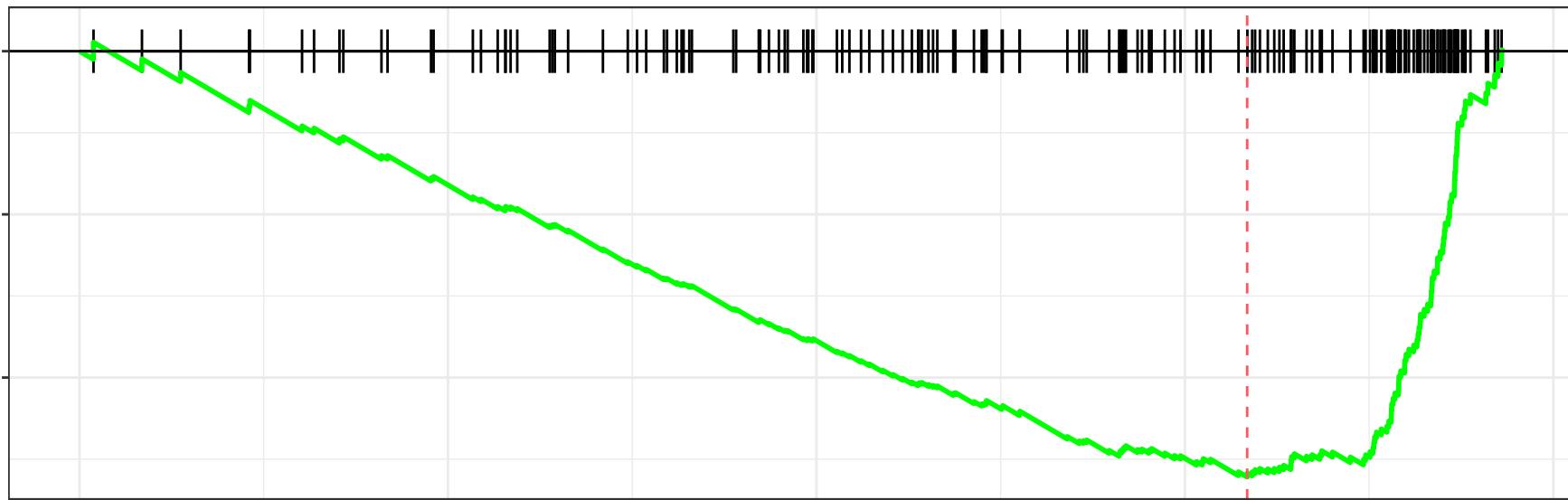
# chromosome segregation

Ranked List Metric

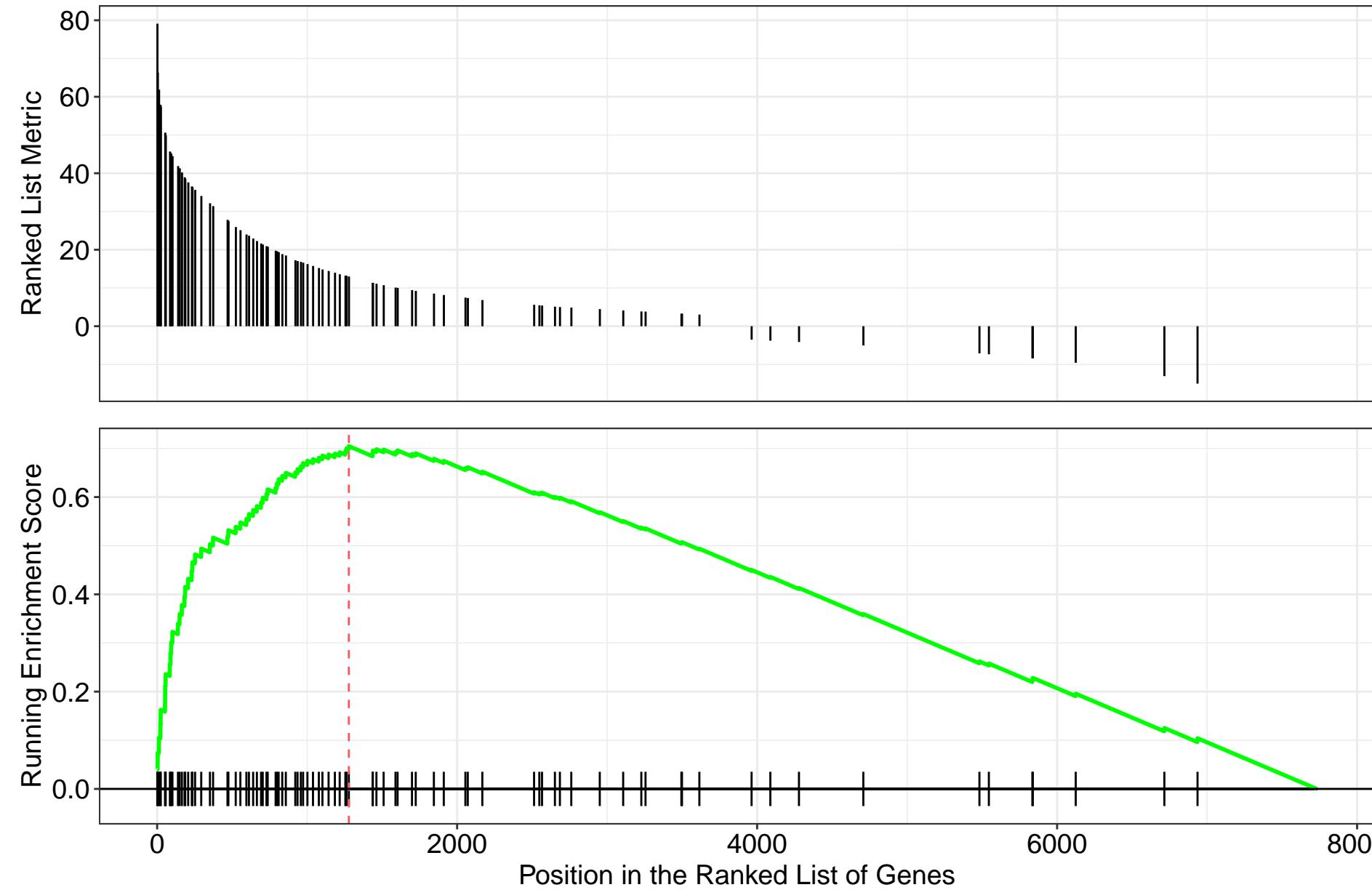


Running Enrichment Score

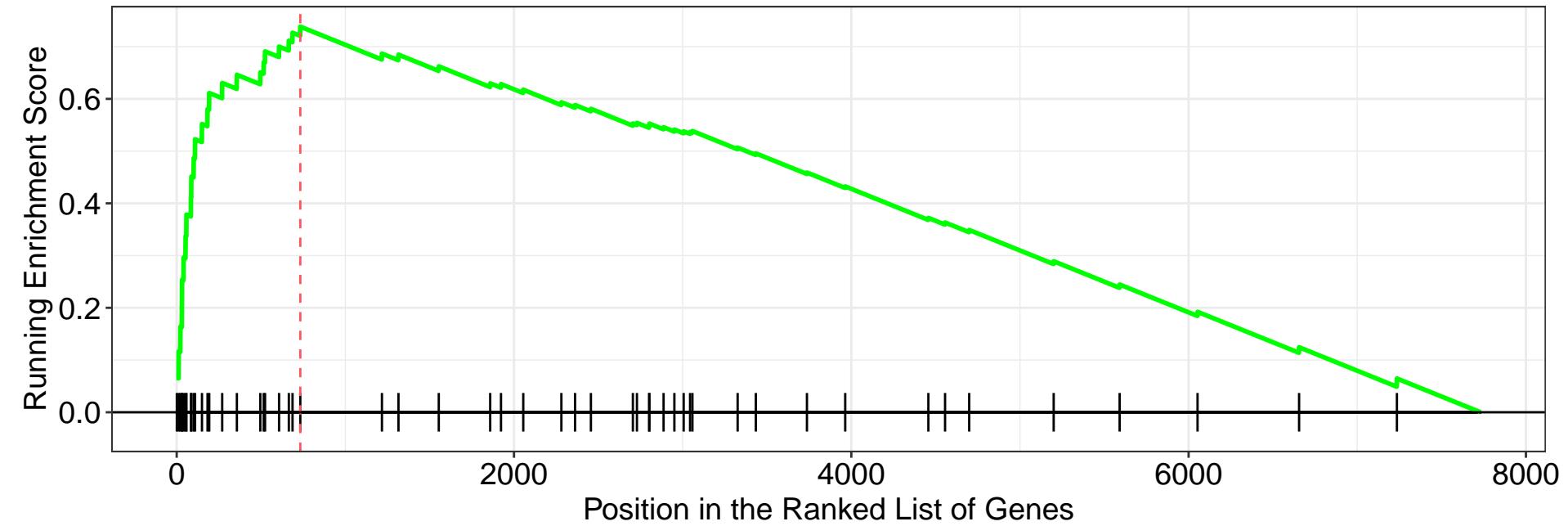
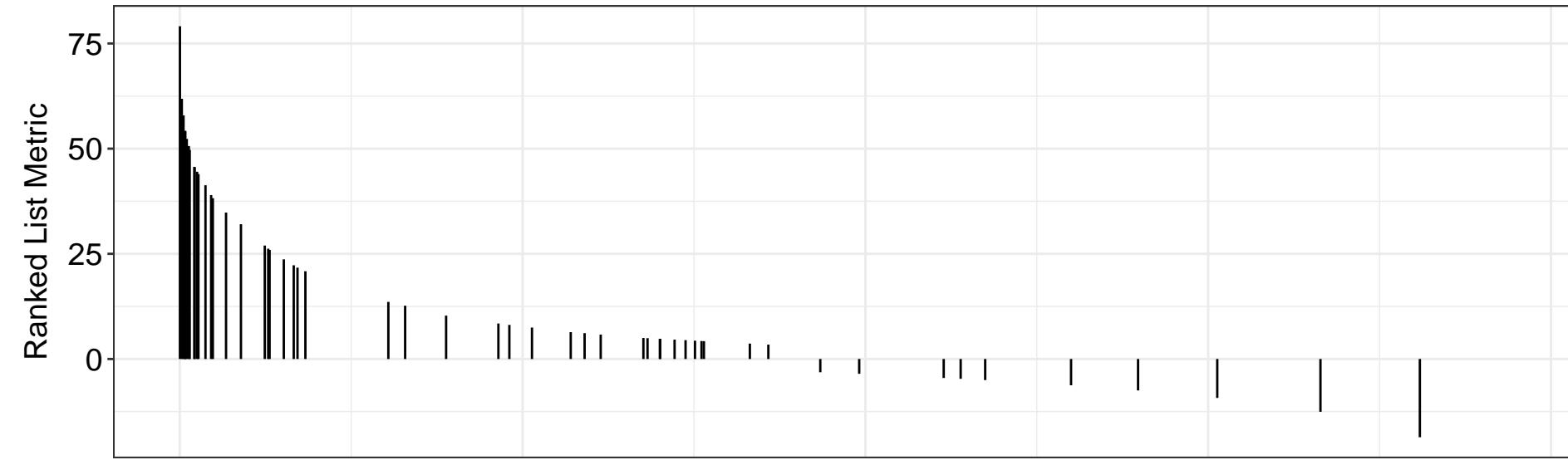
Position in the Ranked List of Genes



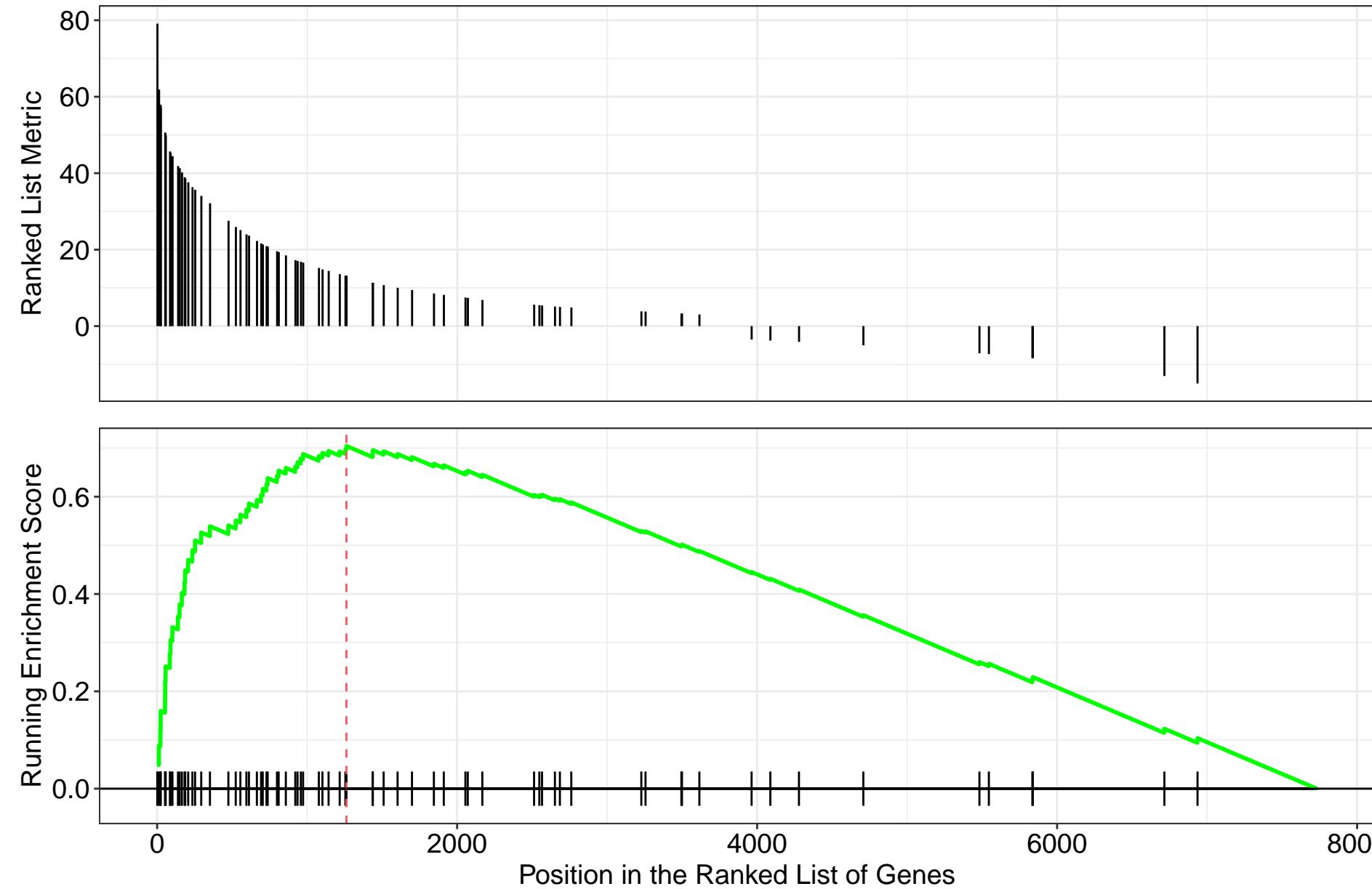
# response to interferon-gamma



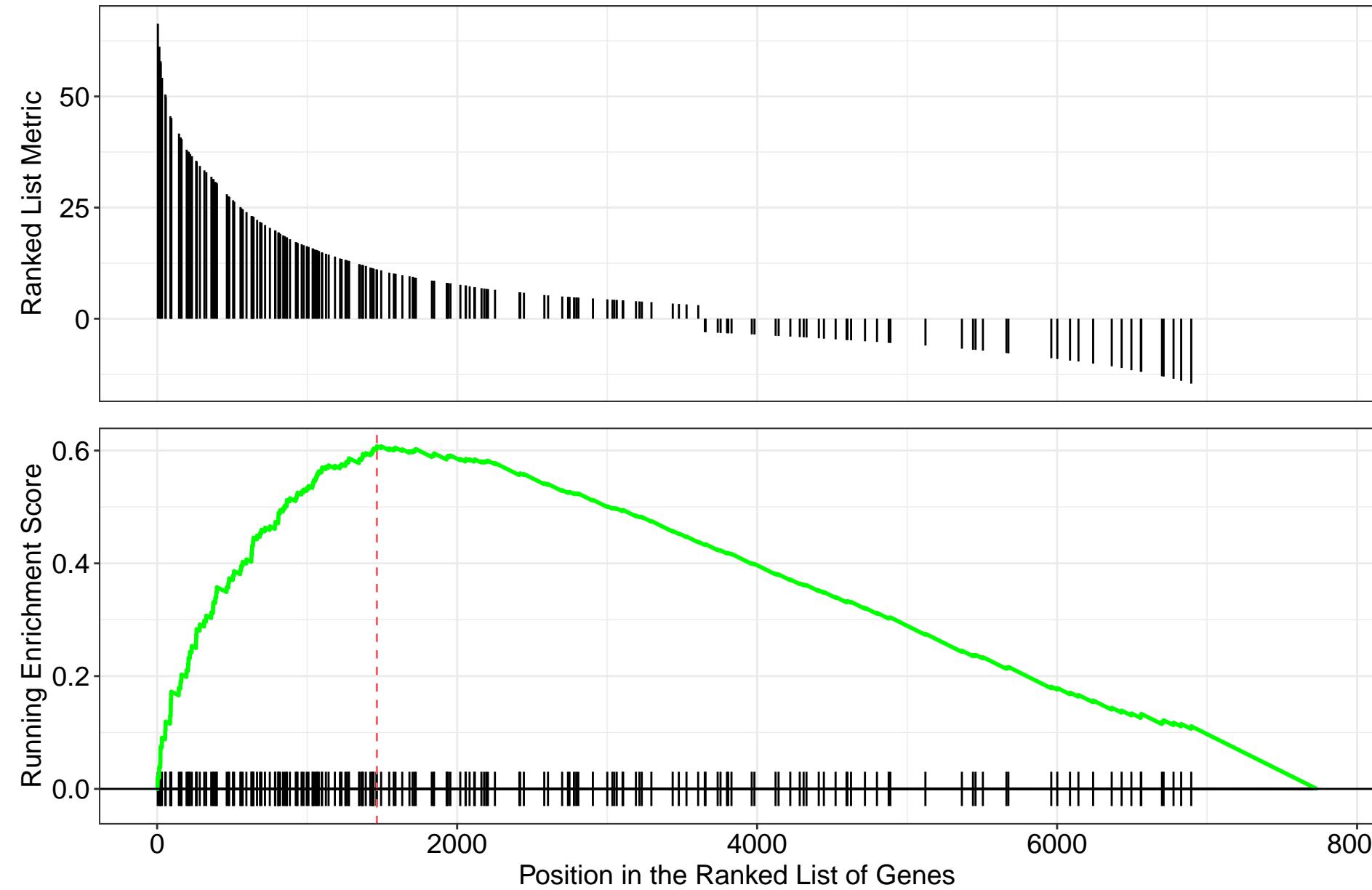
# neutrophil chemotaxis



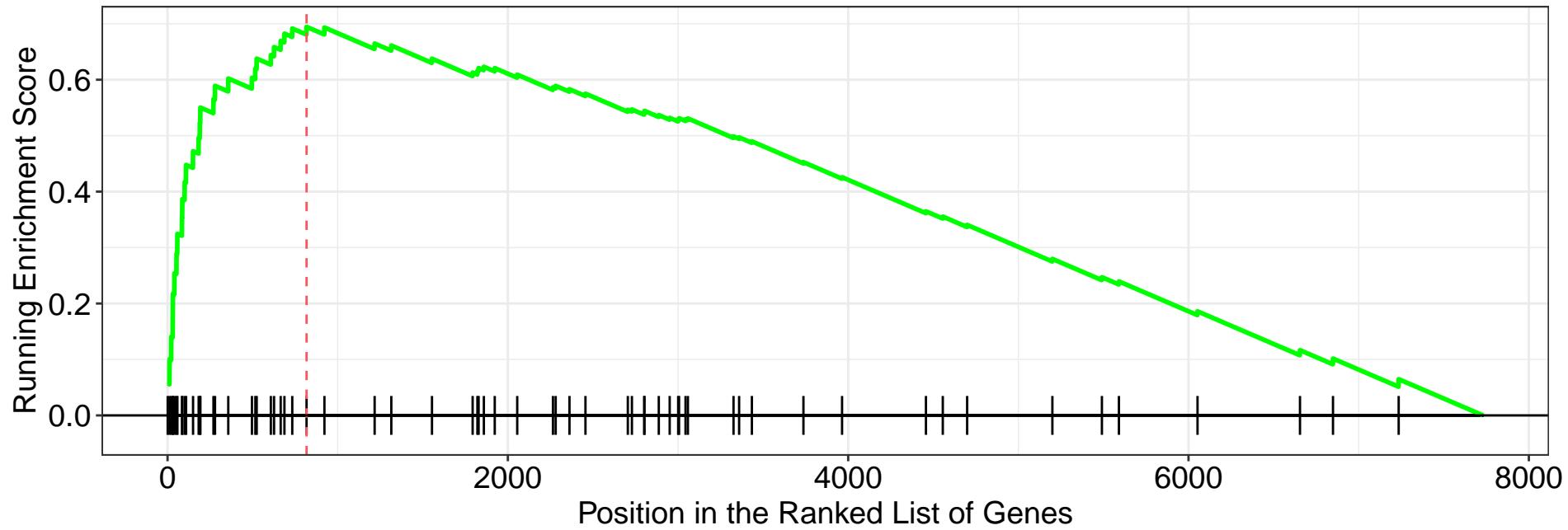
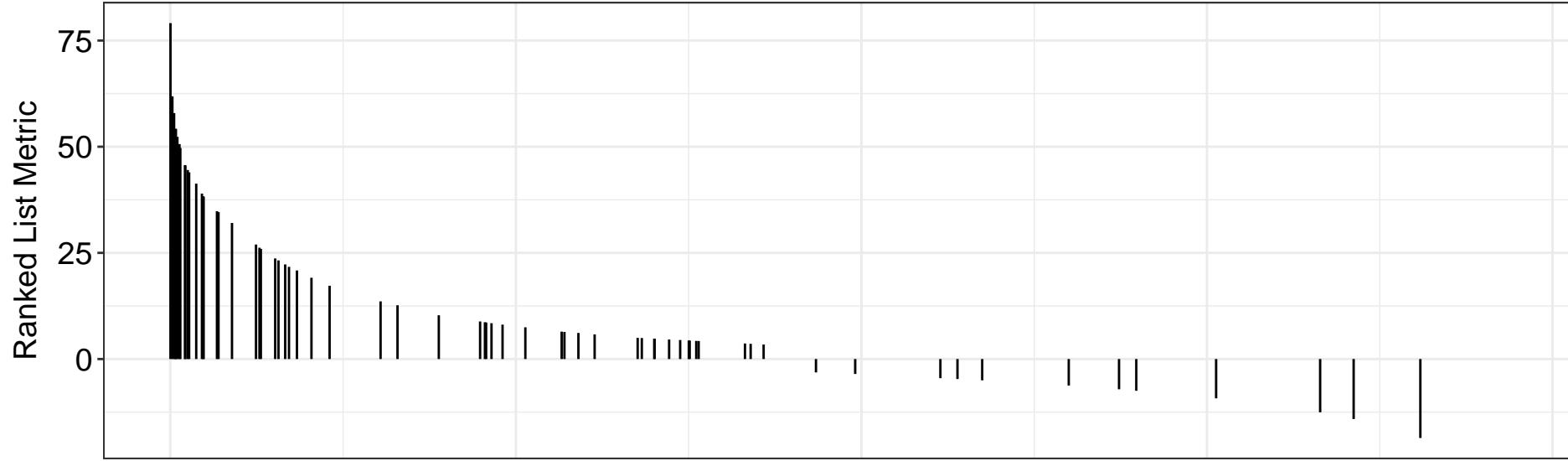
# cellular response to interferon-gamma



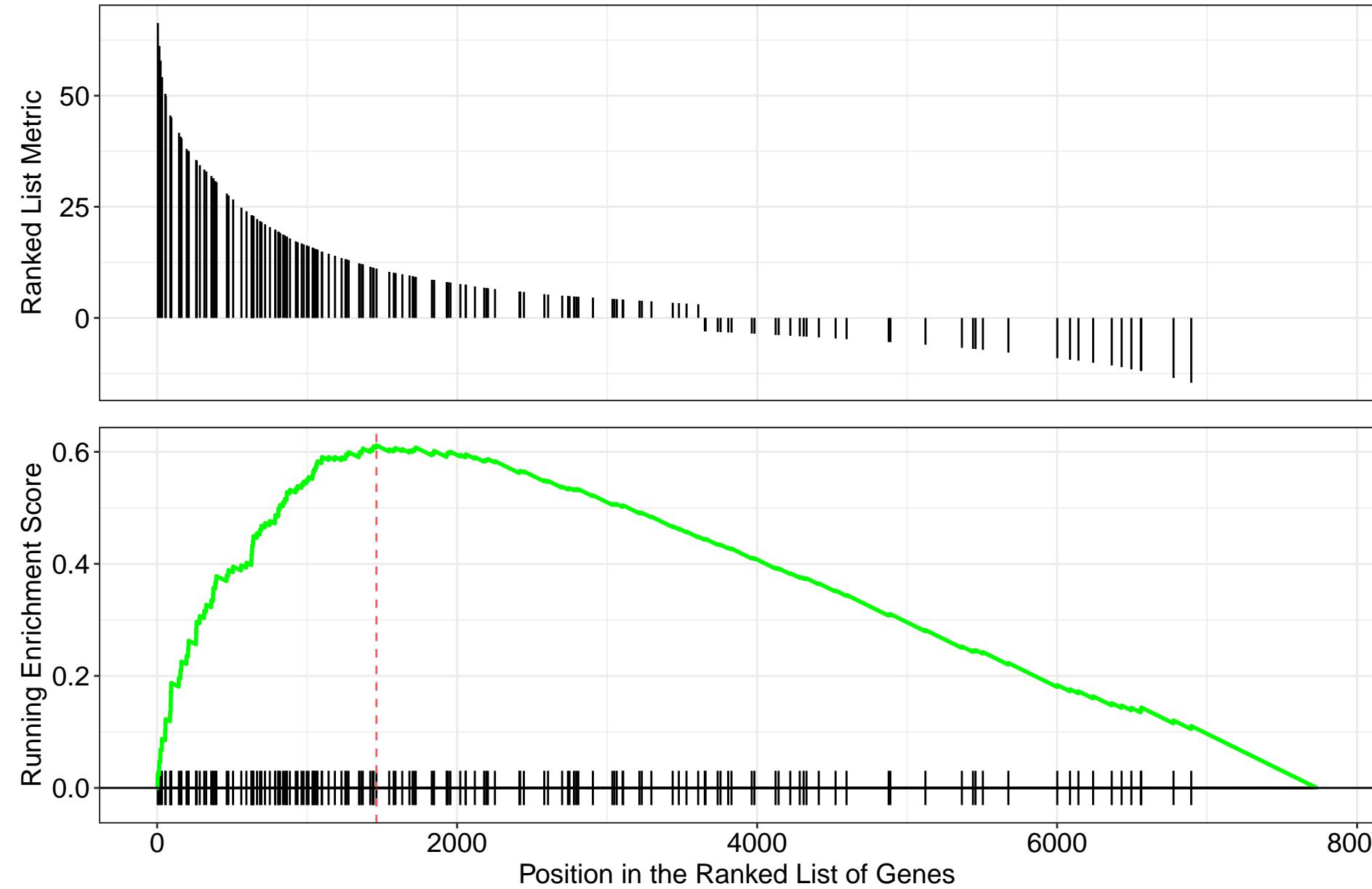
# response to virus



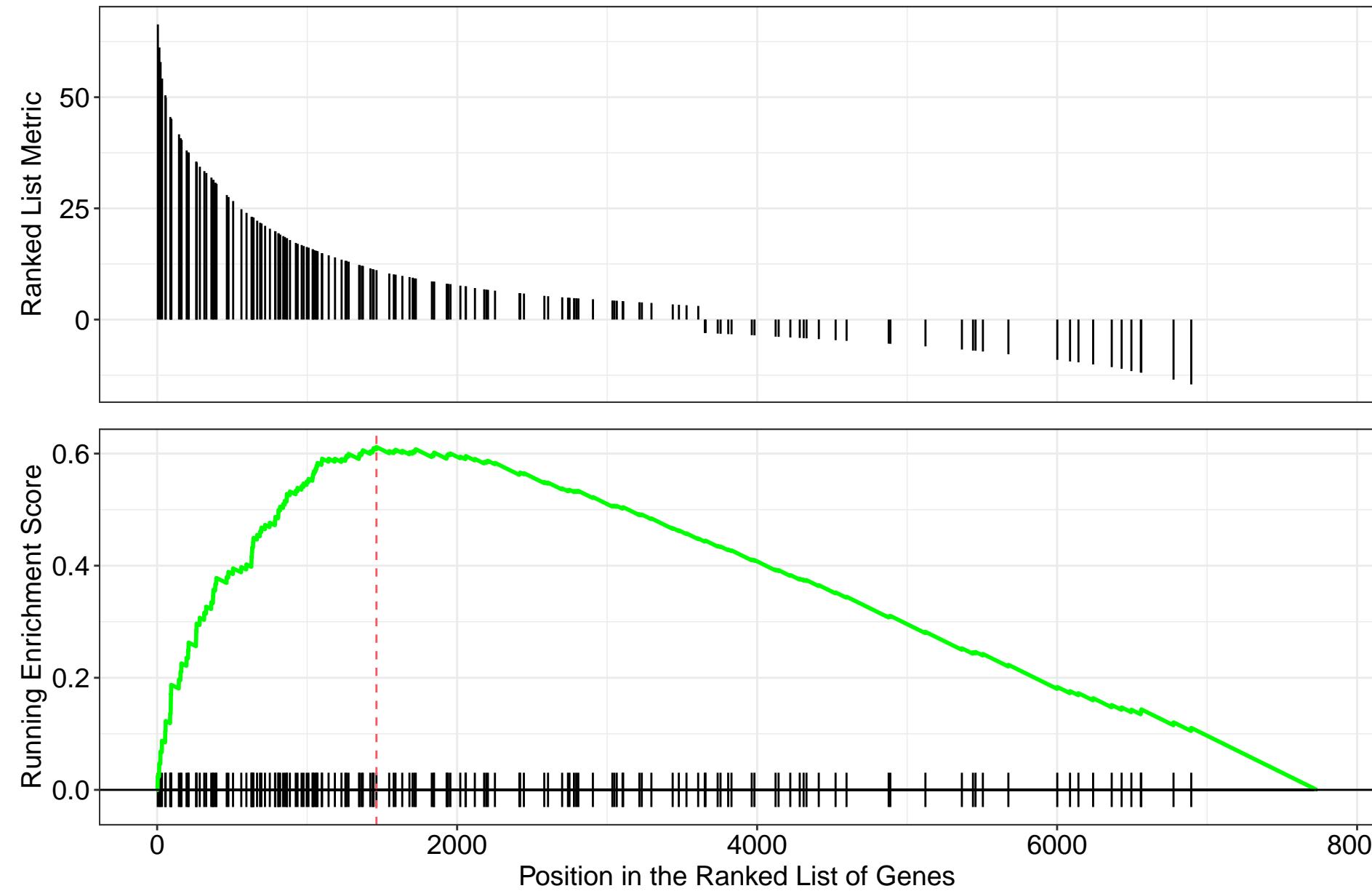
# granulocyte chemotaxis



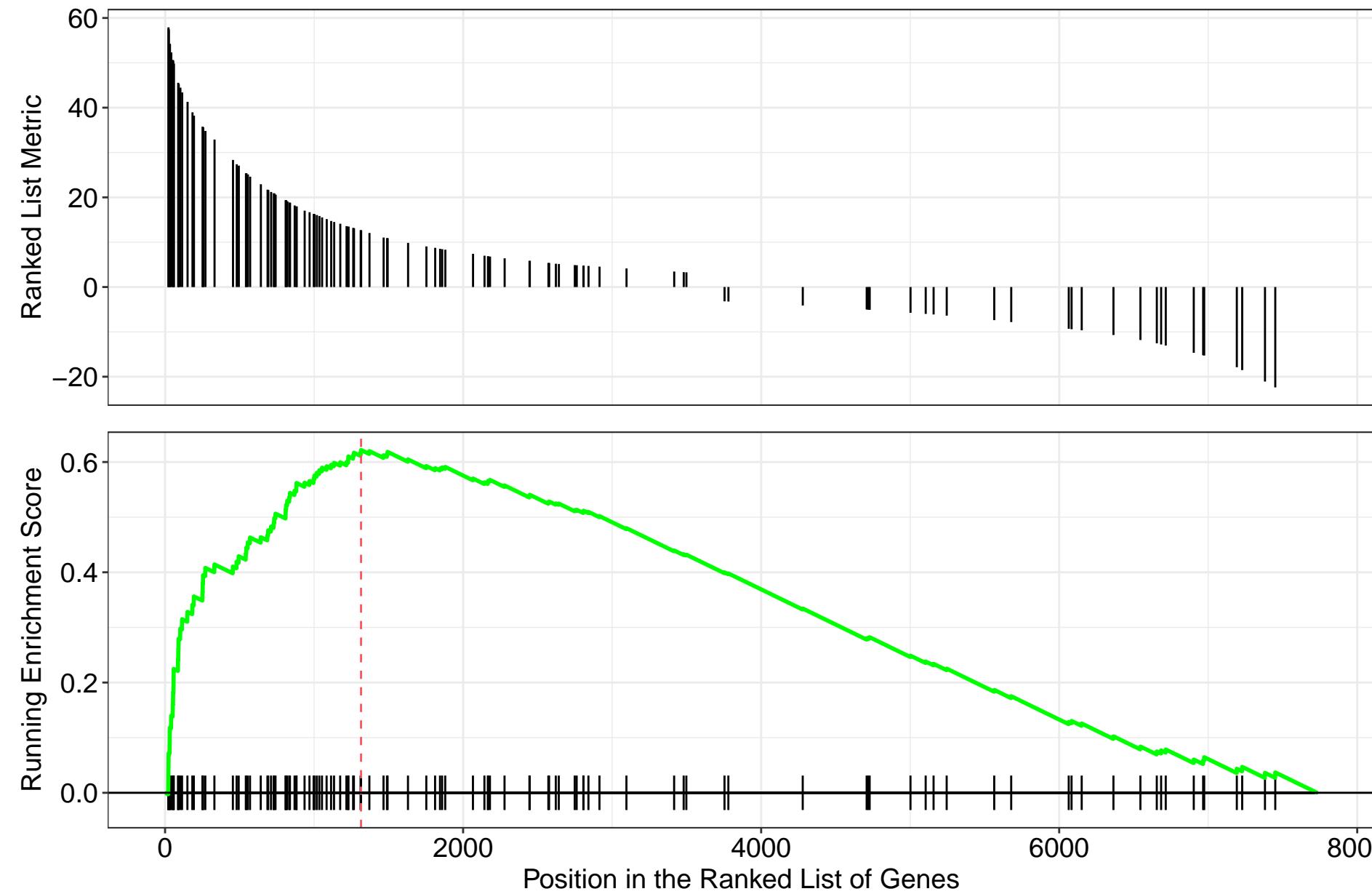
# defense response to virus



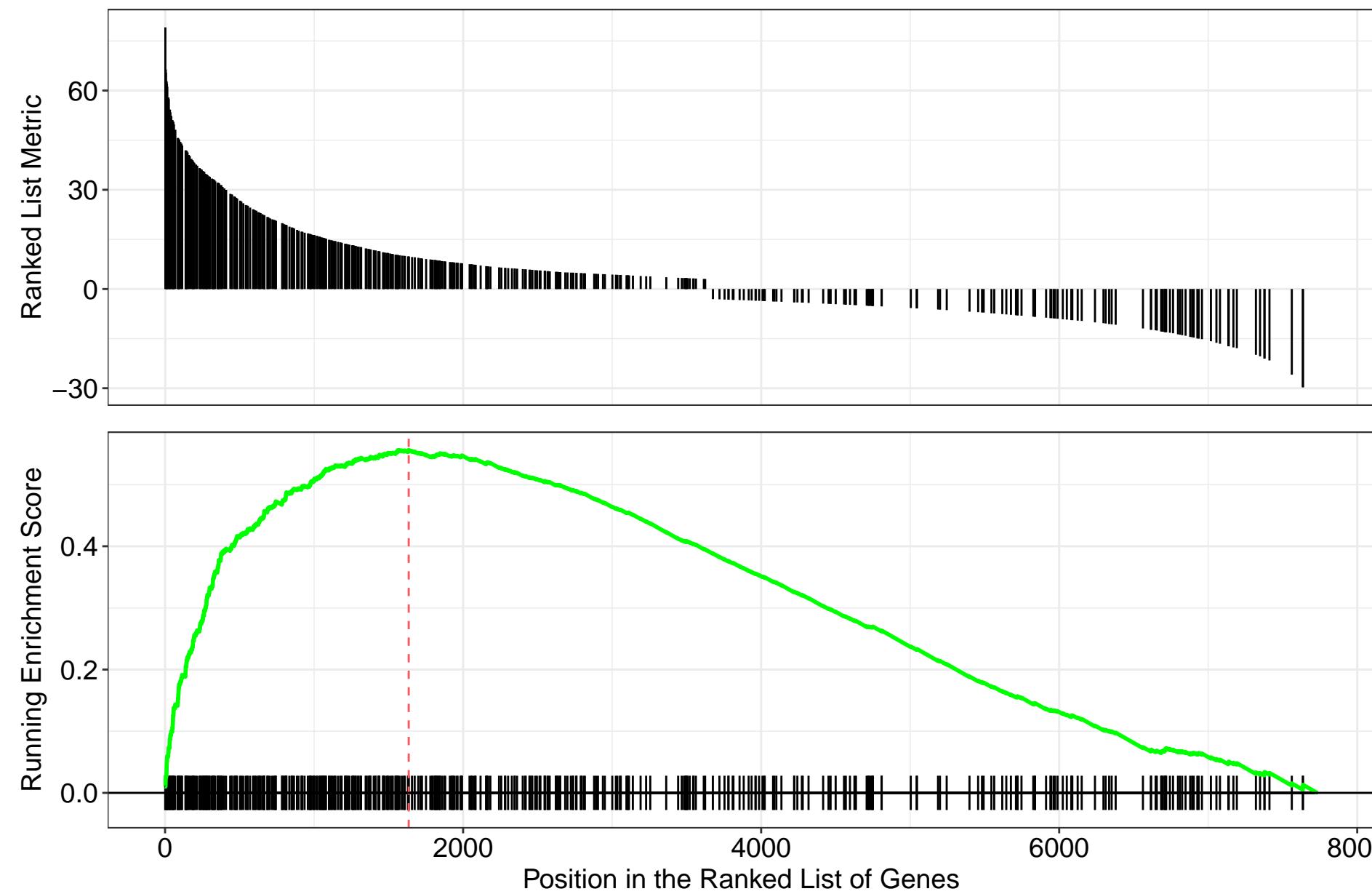
# defense response to symbiont



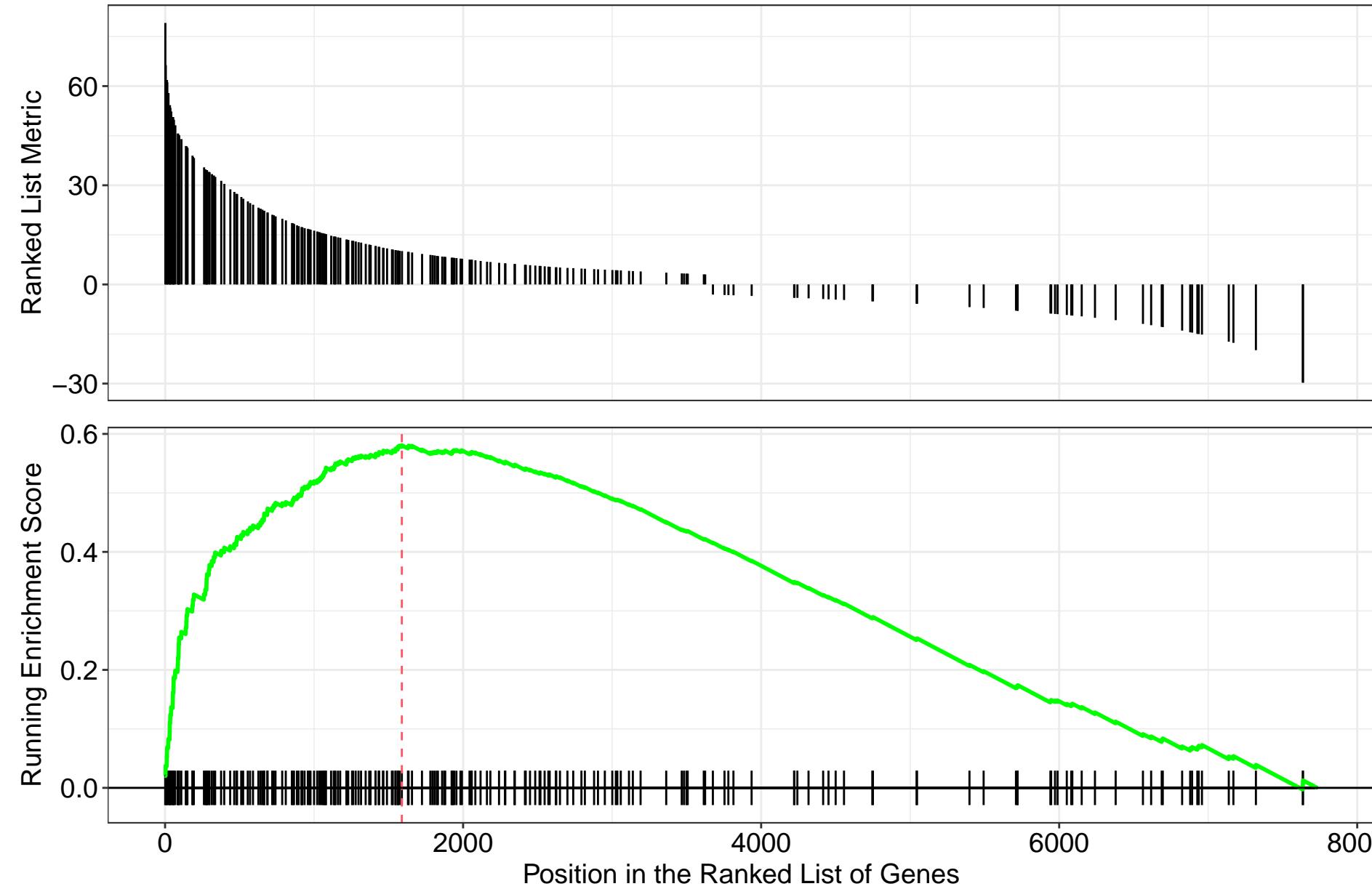
# cellular response to lipopolysaccharide



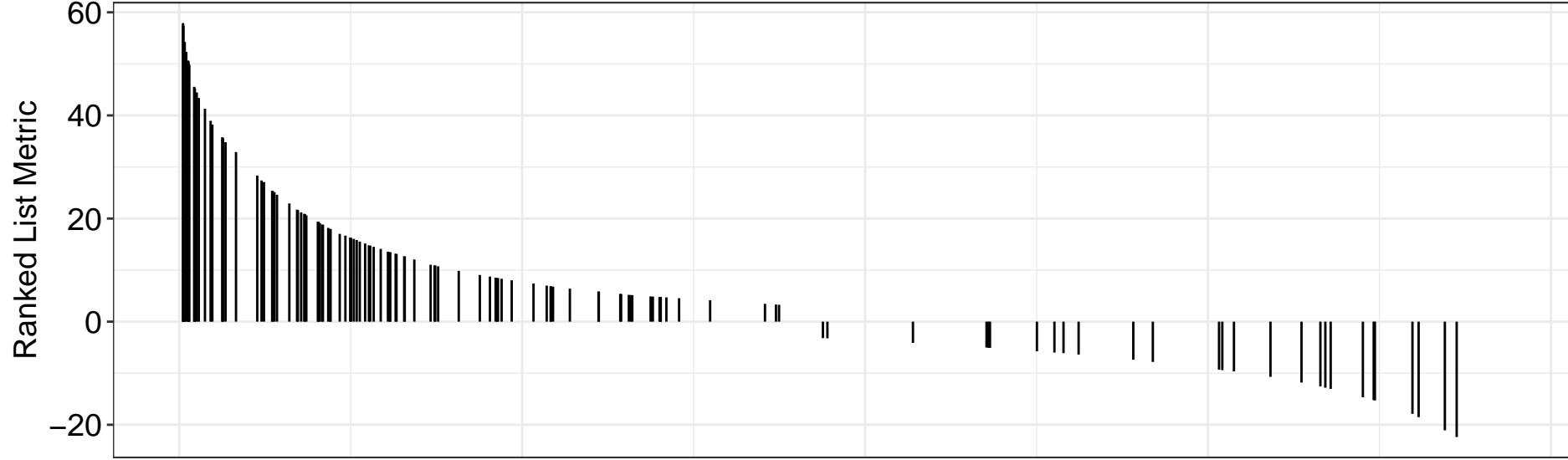
# response to cytokine



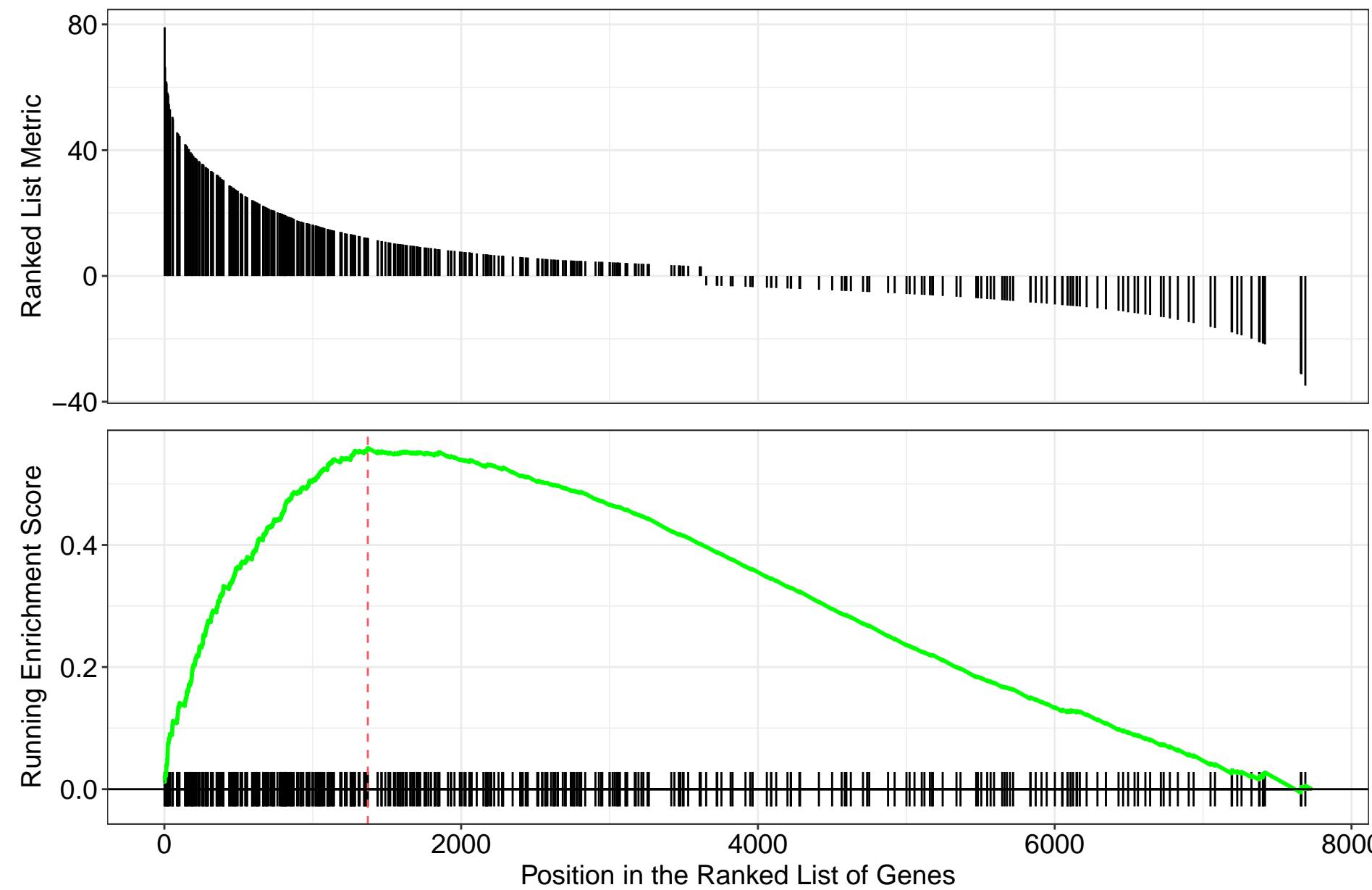
# cytokine-mediated signaling pathway



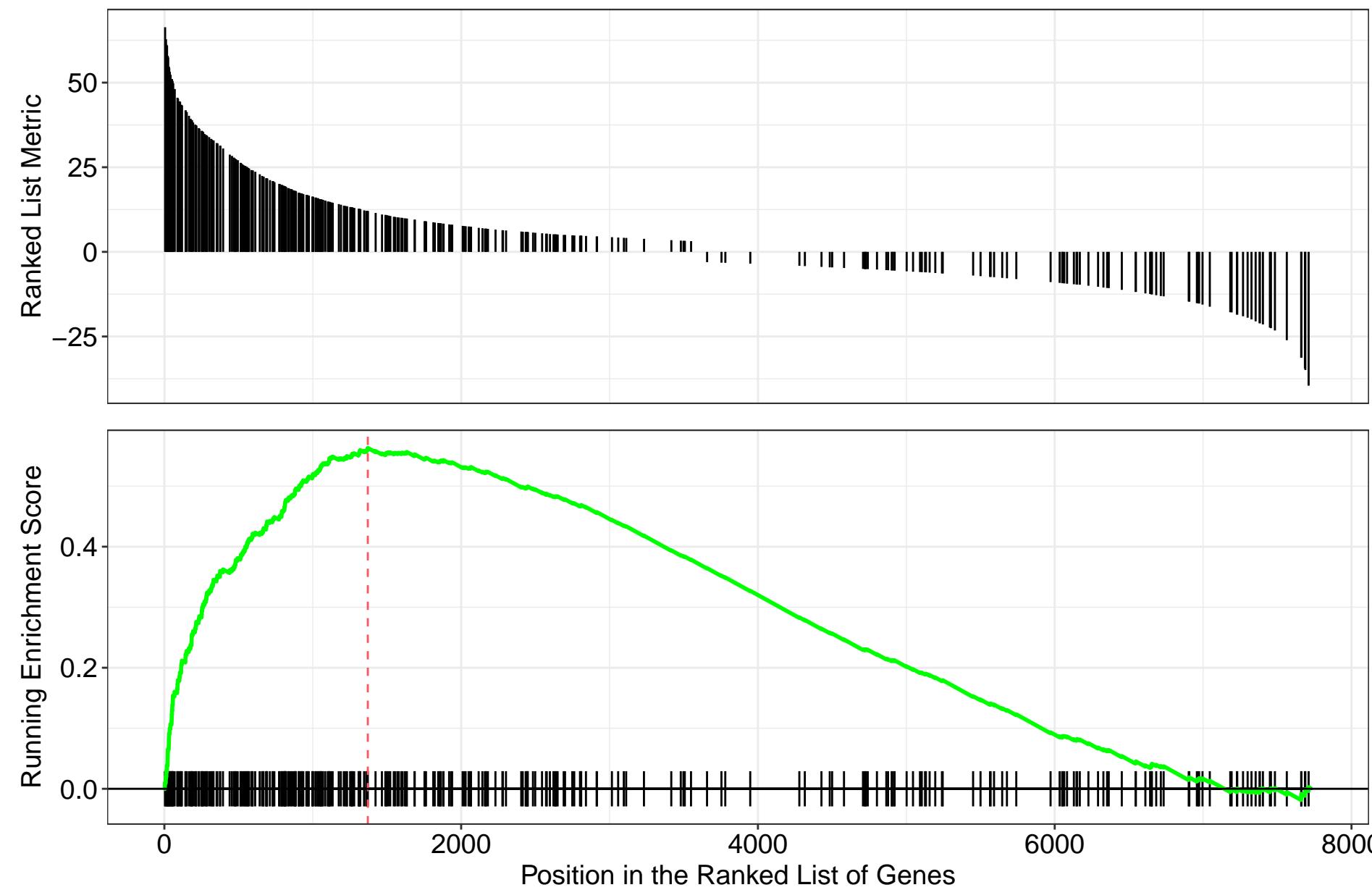
# cellular response to molecule of bacterial origin



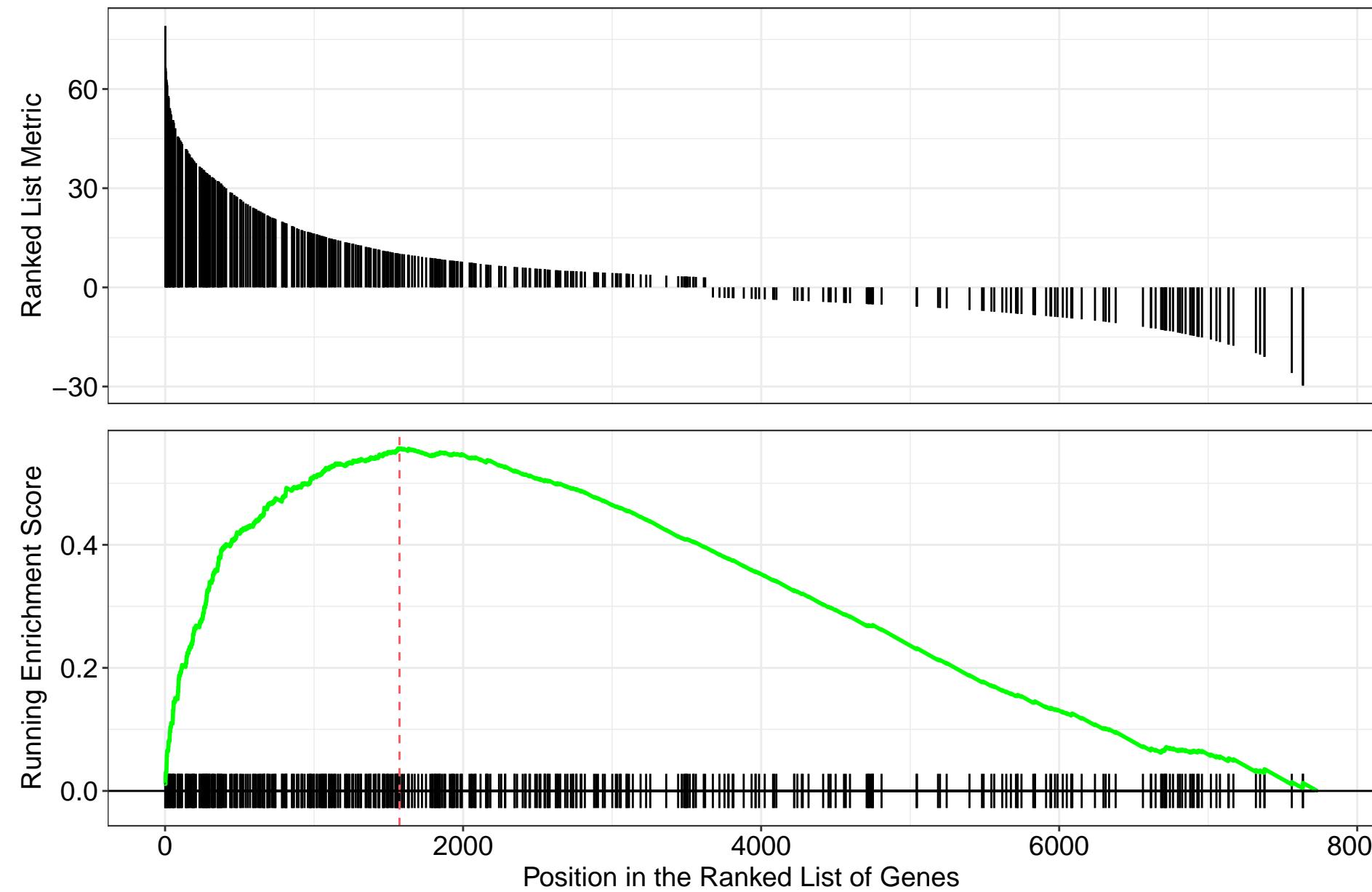
# innate immune response



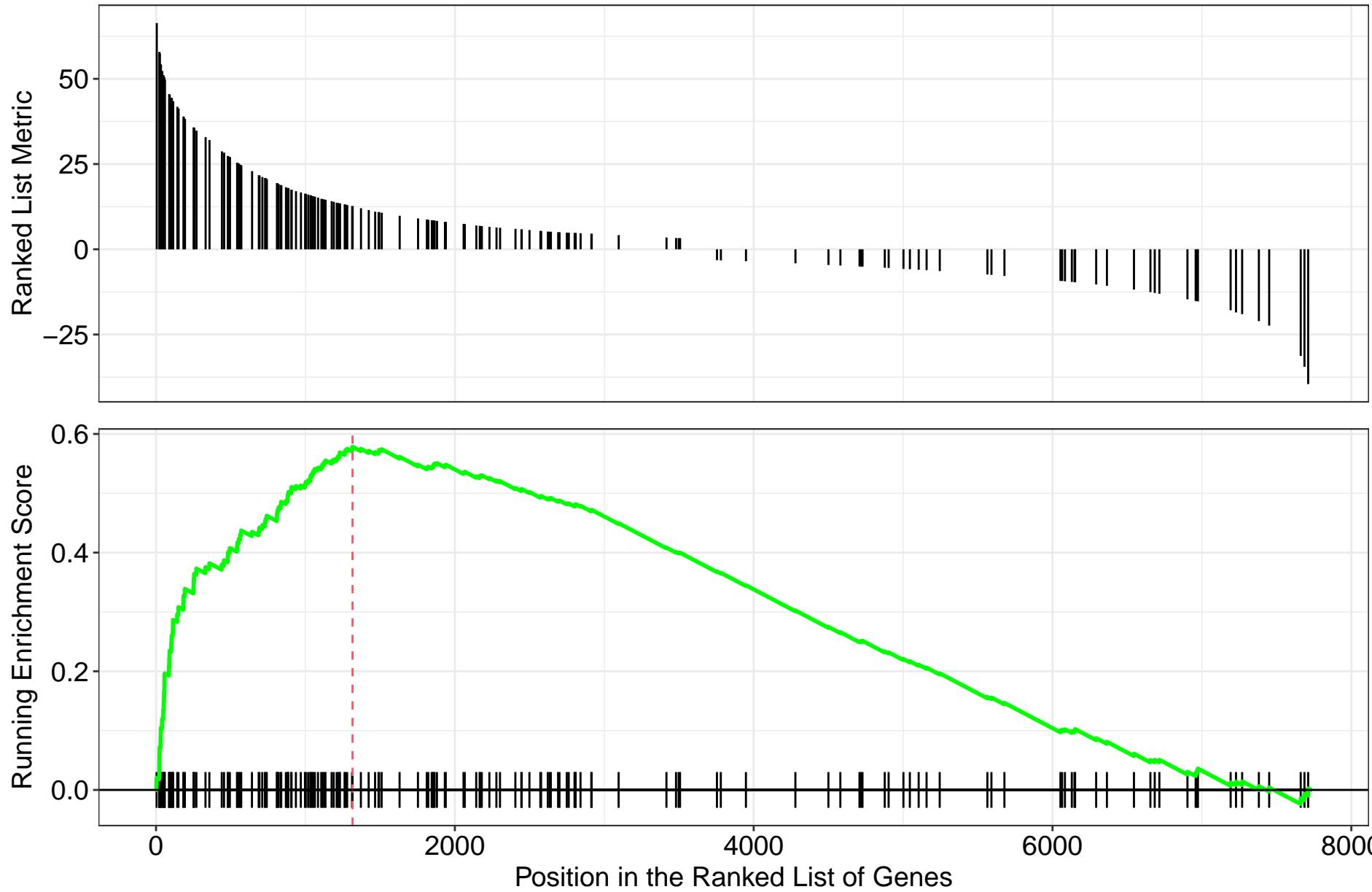
# response to bacterium



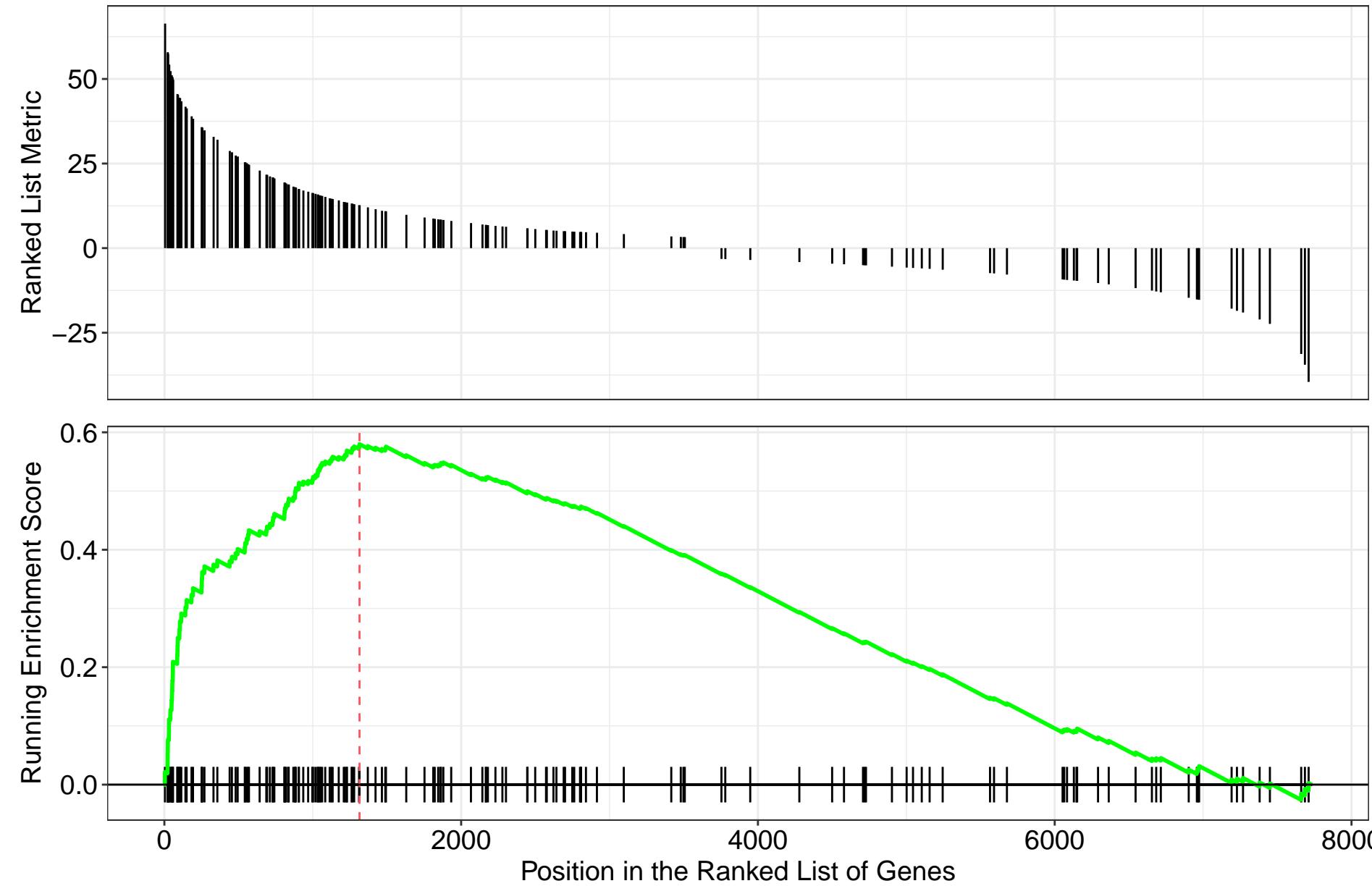
# cellular response to cytokine stimulus



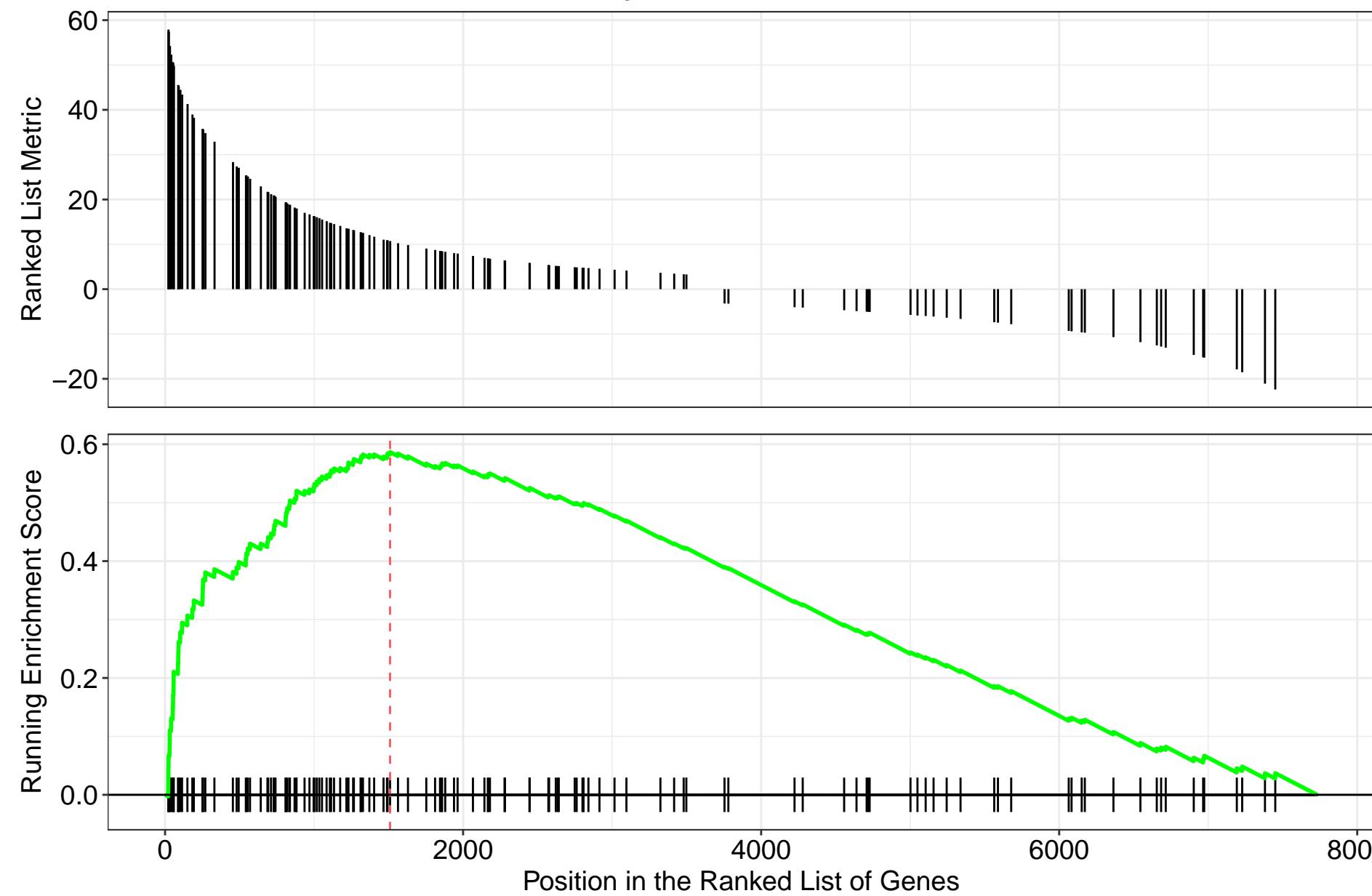
# response to molecule of bacterial origin



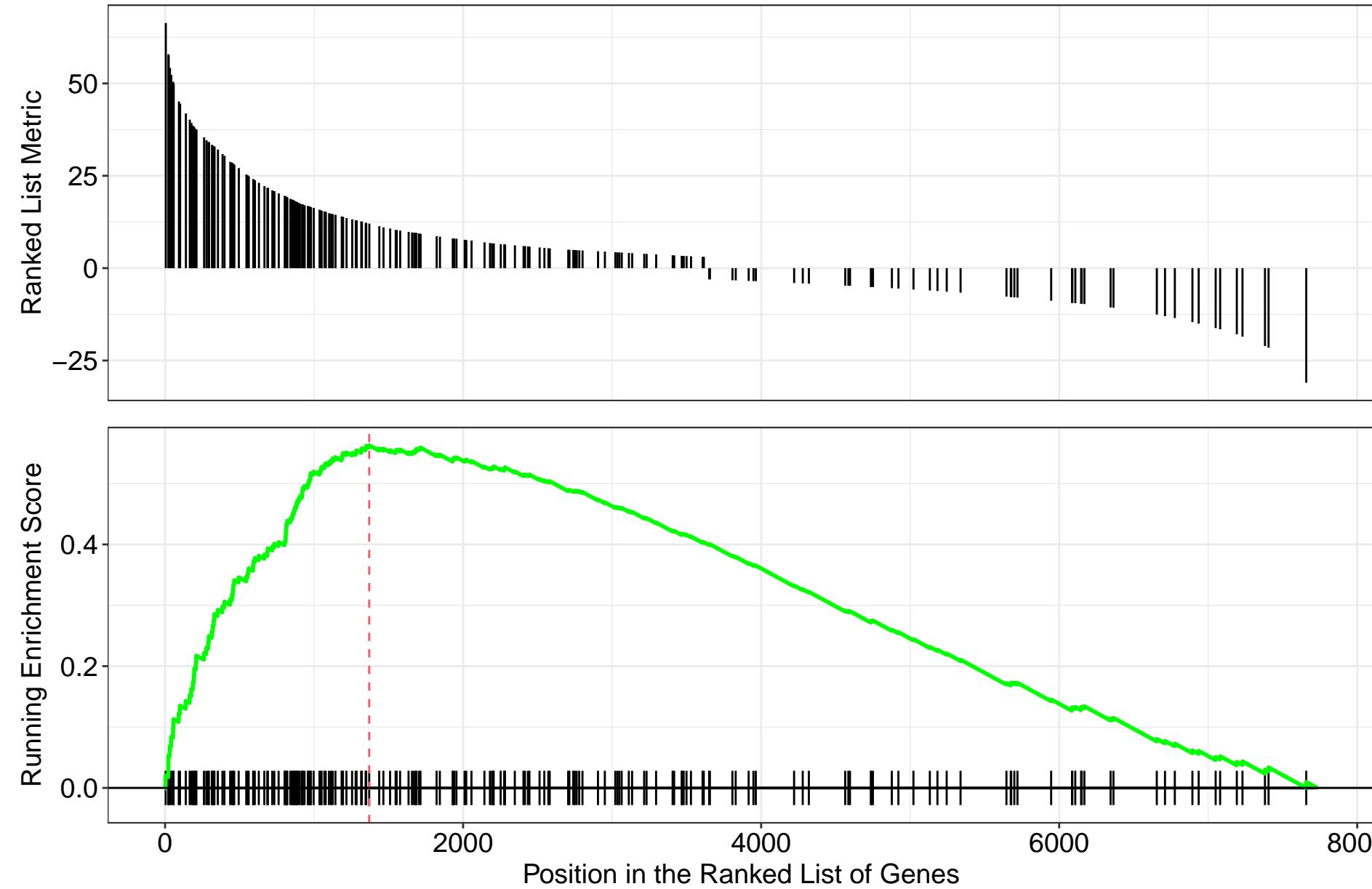
# response to lipopolysaccharide



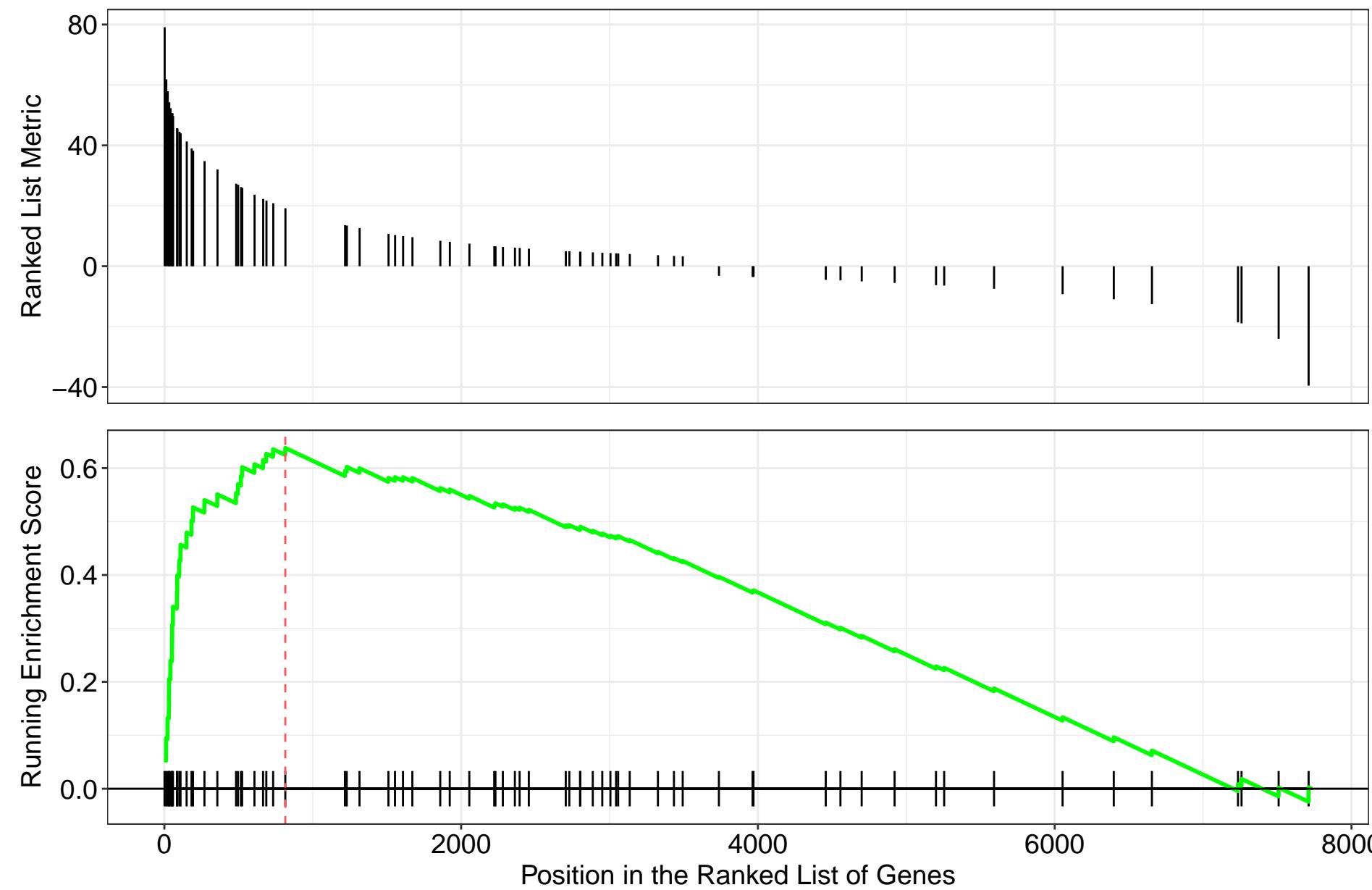
# cellular response to biotic stimulus



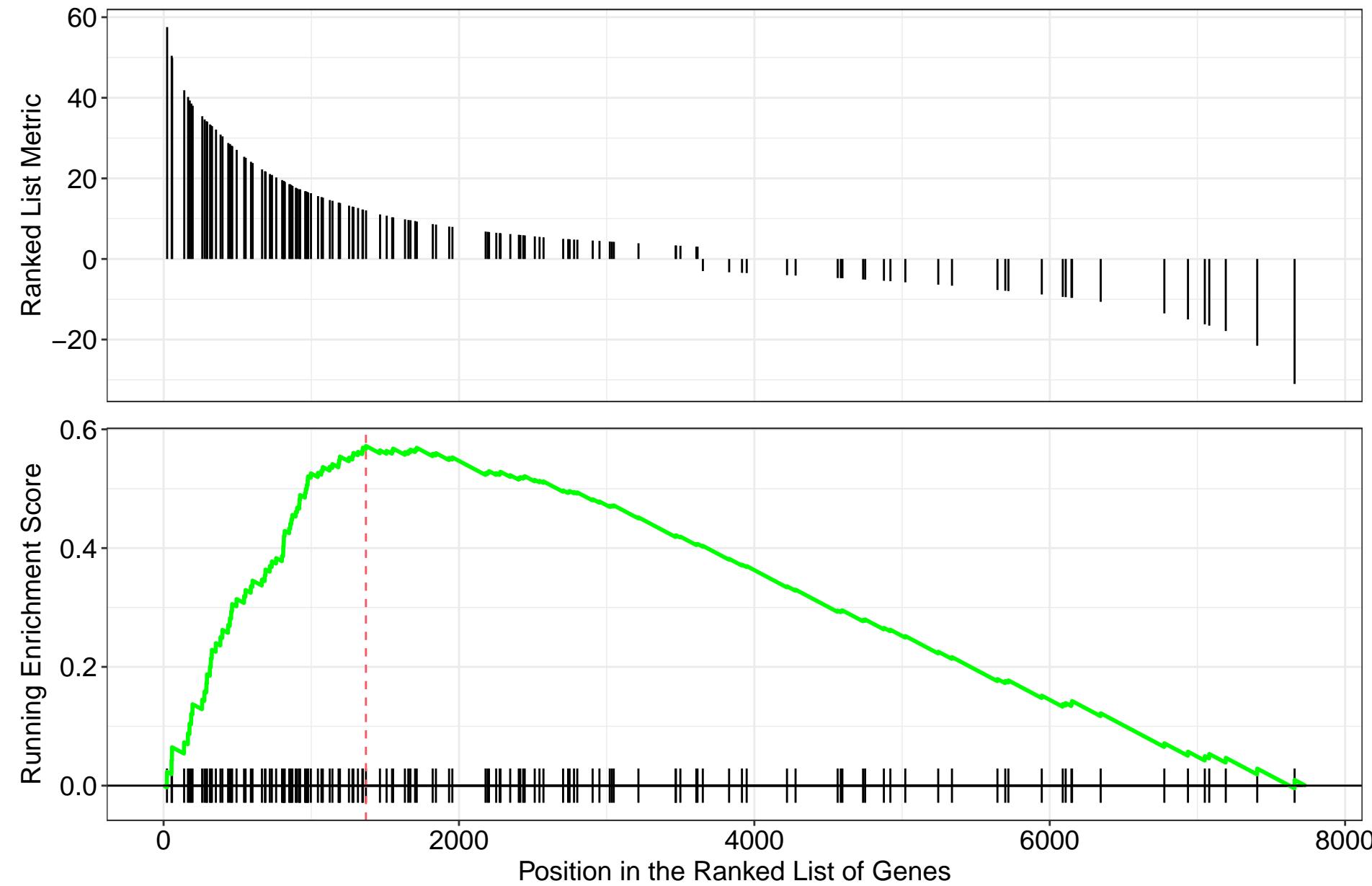
# regulation of response to biotic stimulus



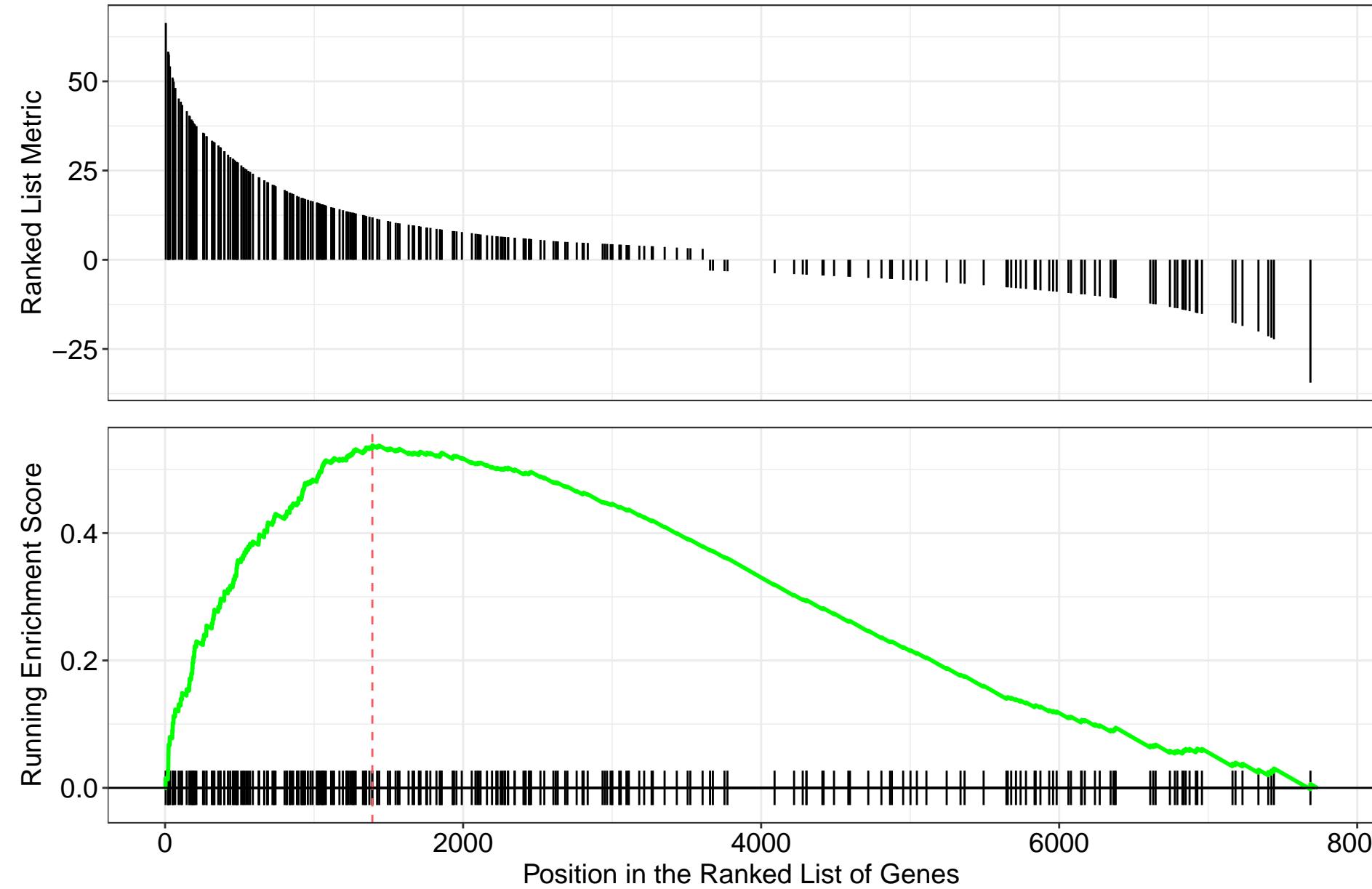
# neutrophil migration



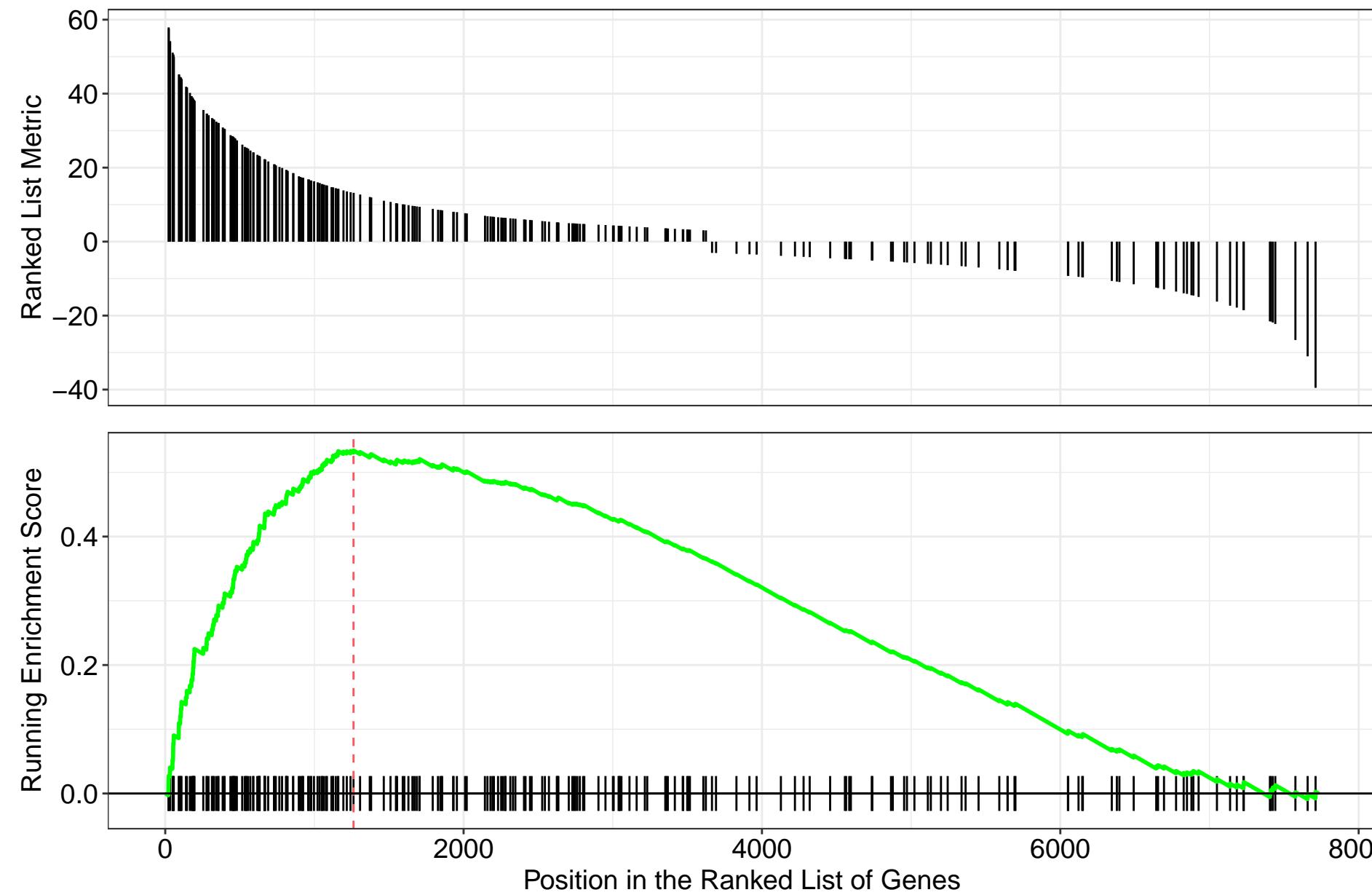
# regulation of innate immune response



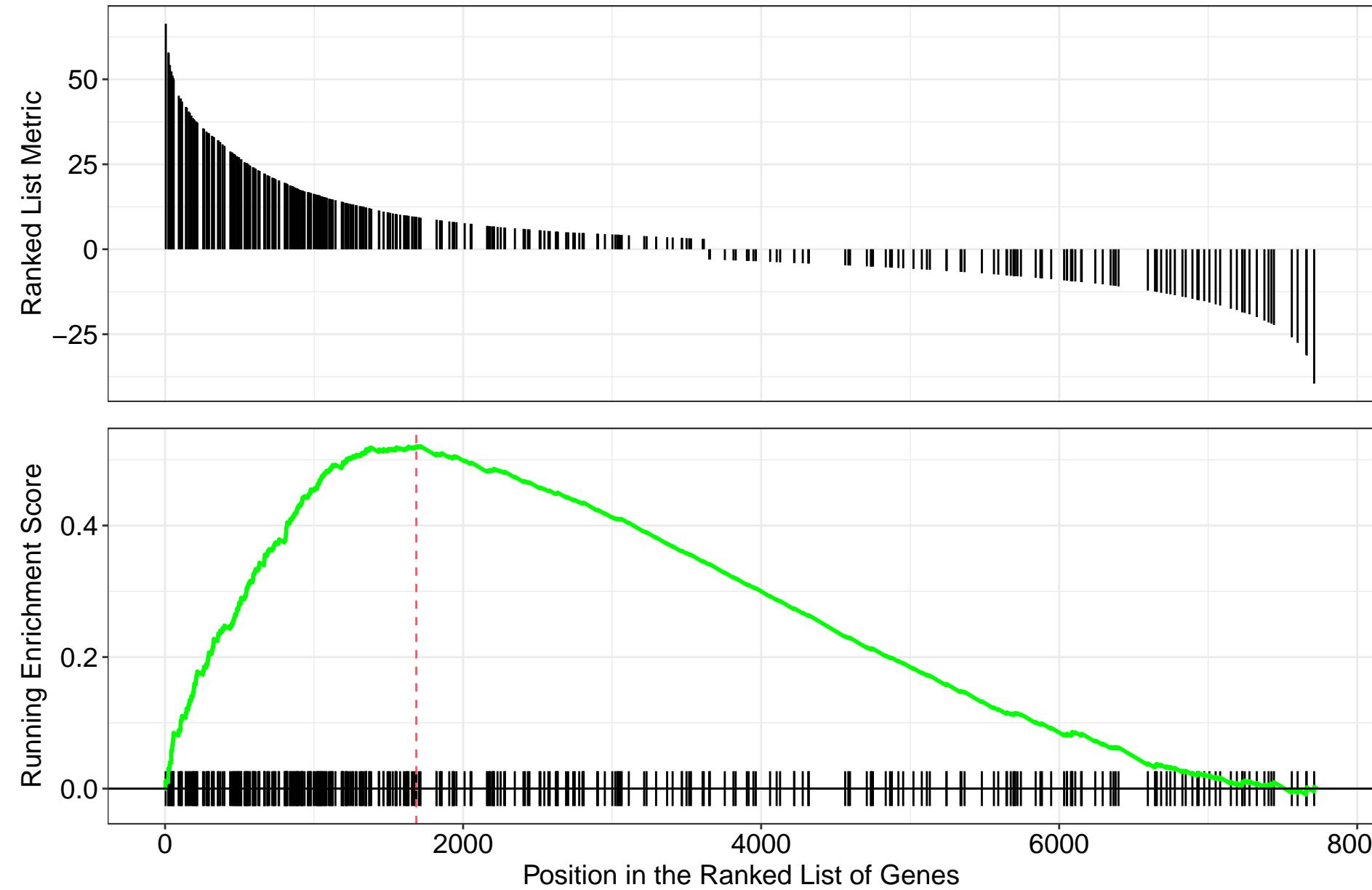
# positive regulation of cytokine production



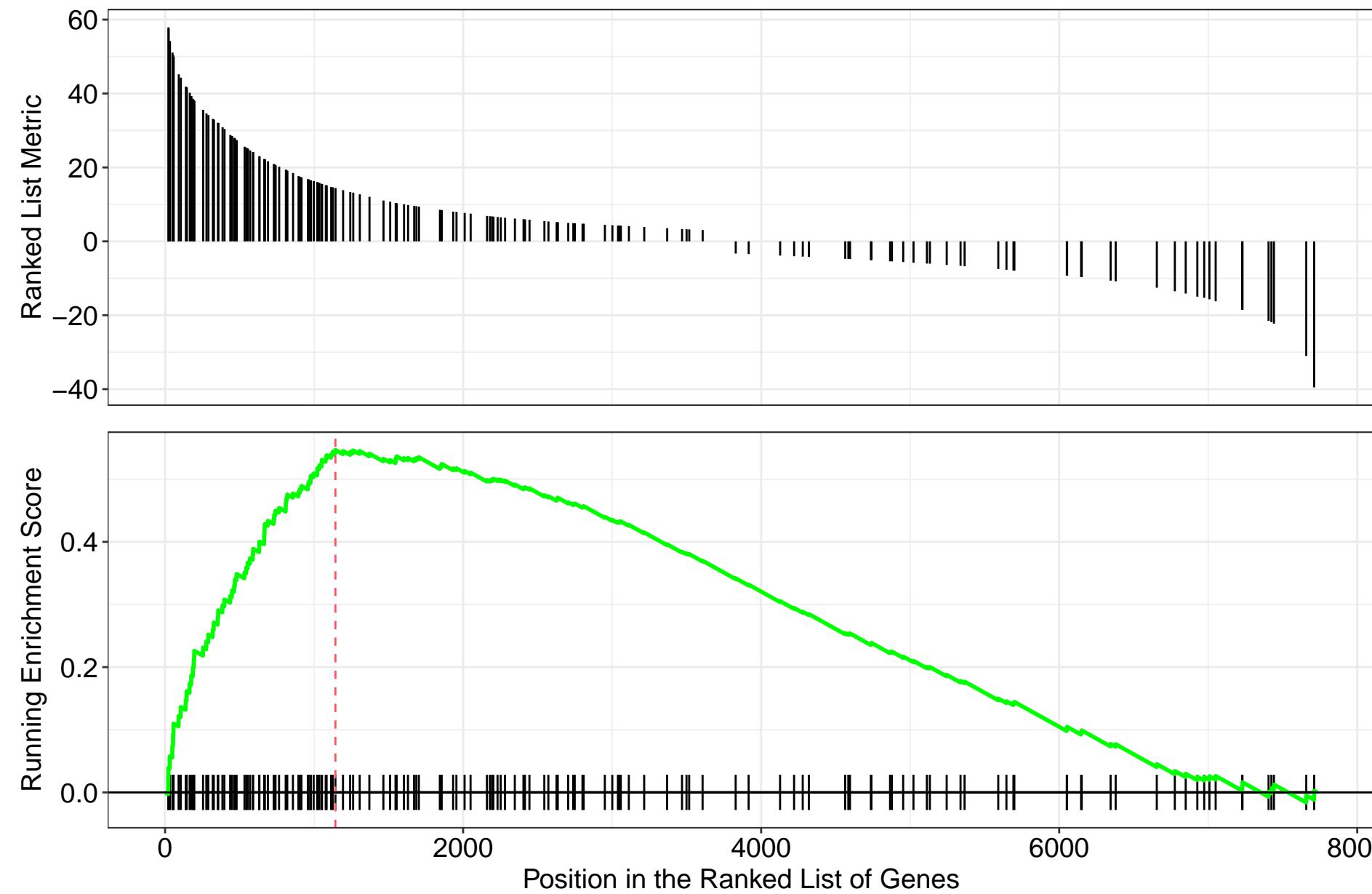
# positive regulation of response to external stimulus



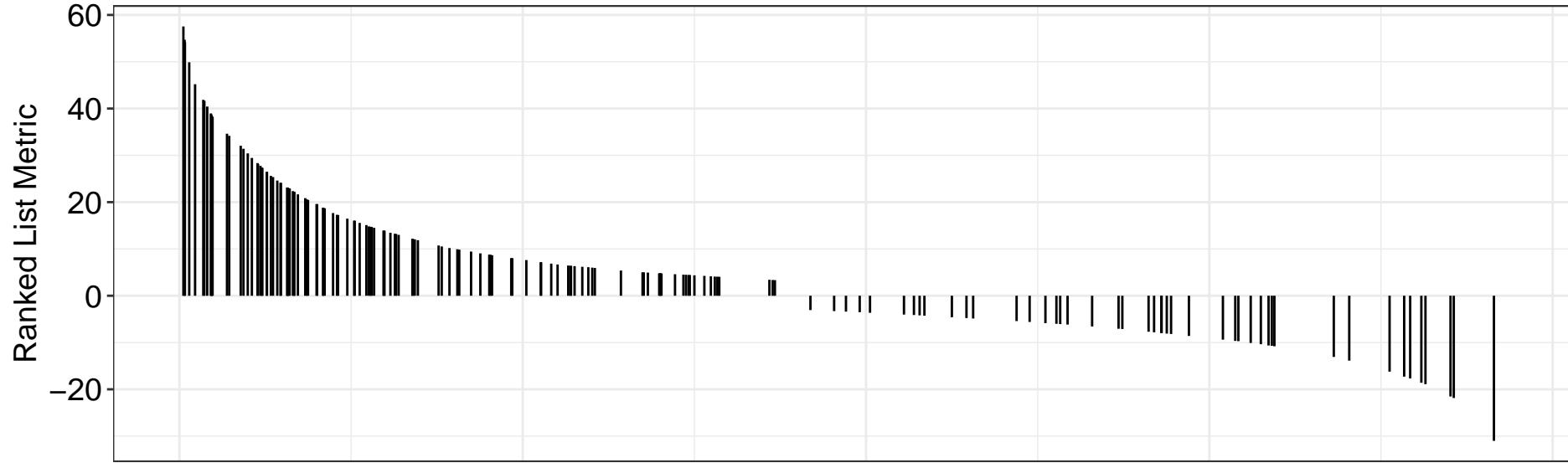
# regulation of defense response



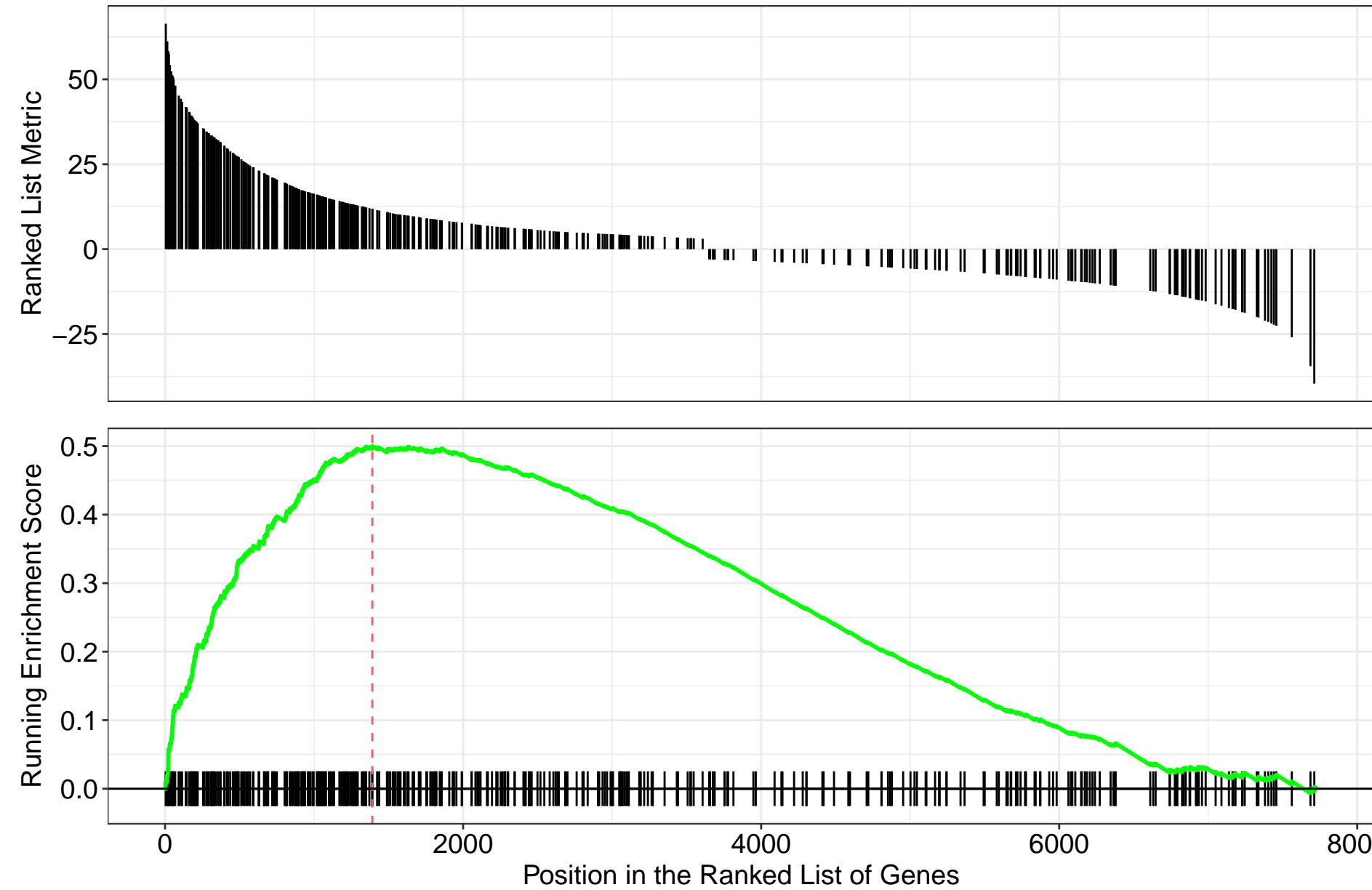
# positive regulation of defense response



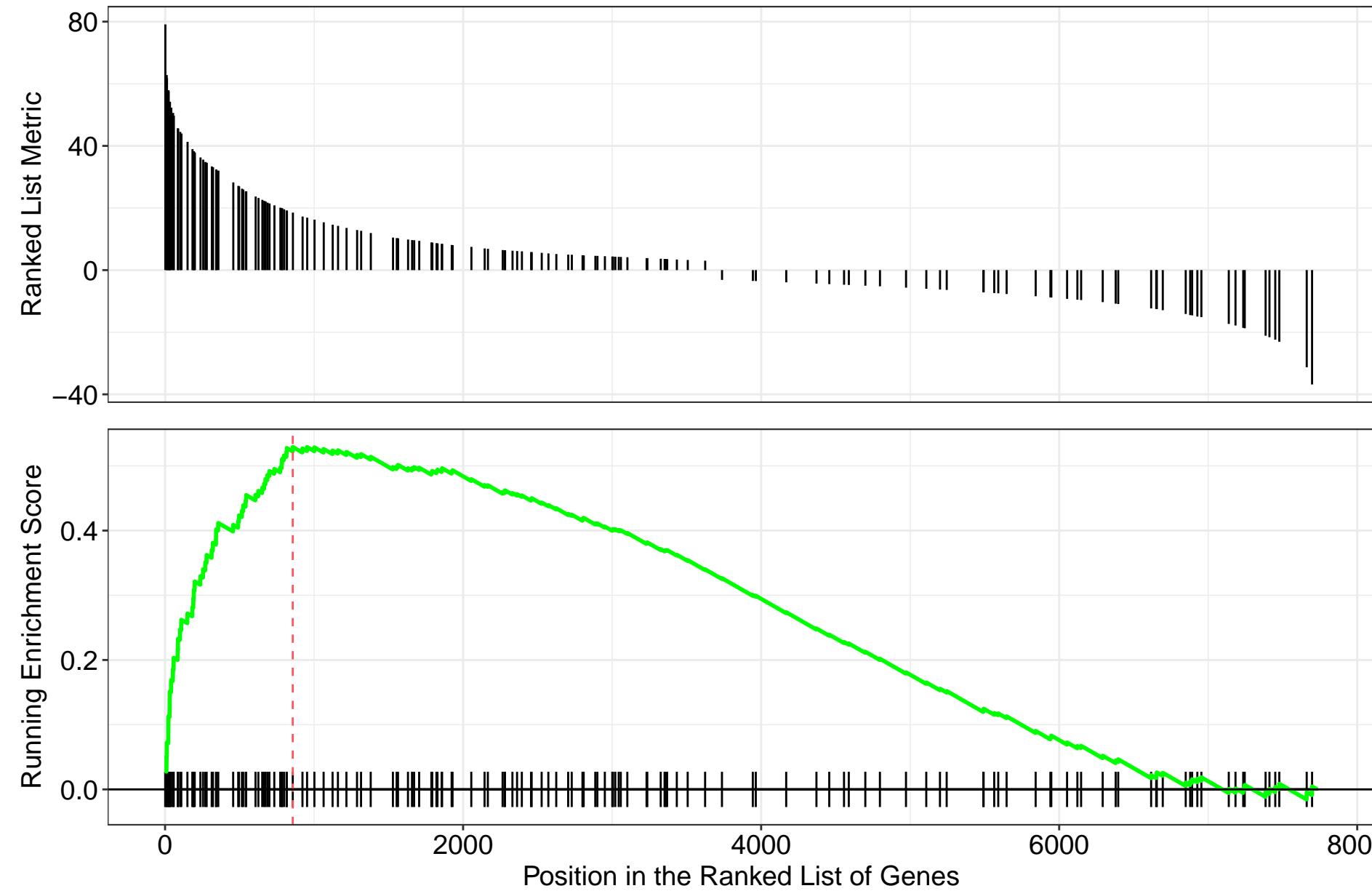
# positive regulation of immune effector process



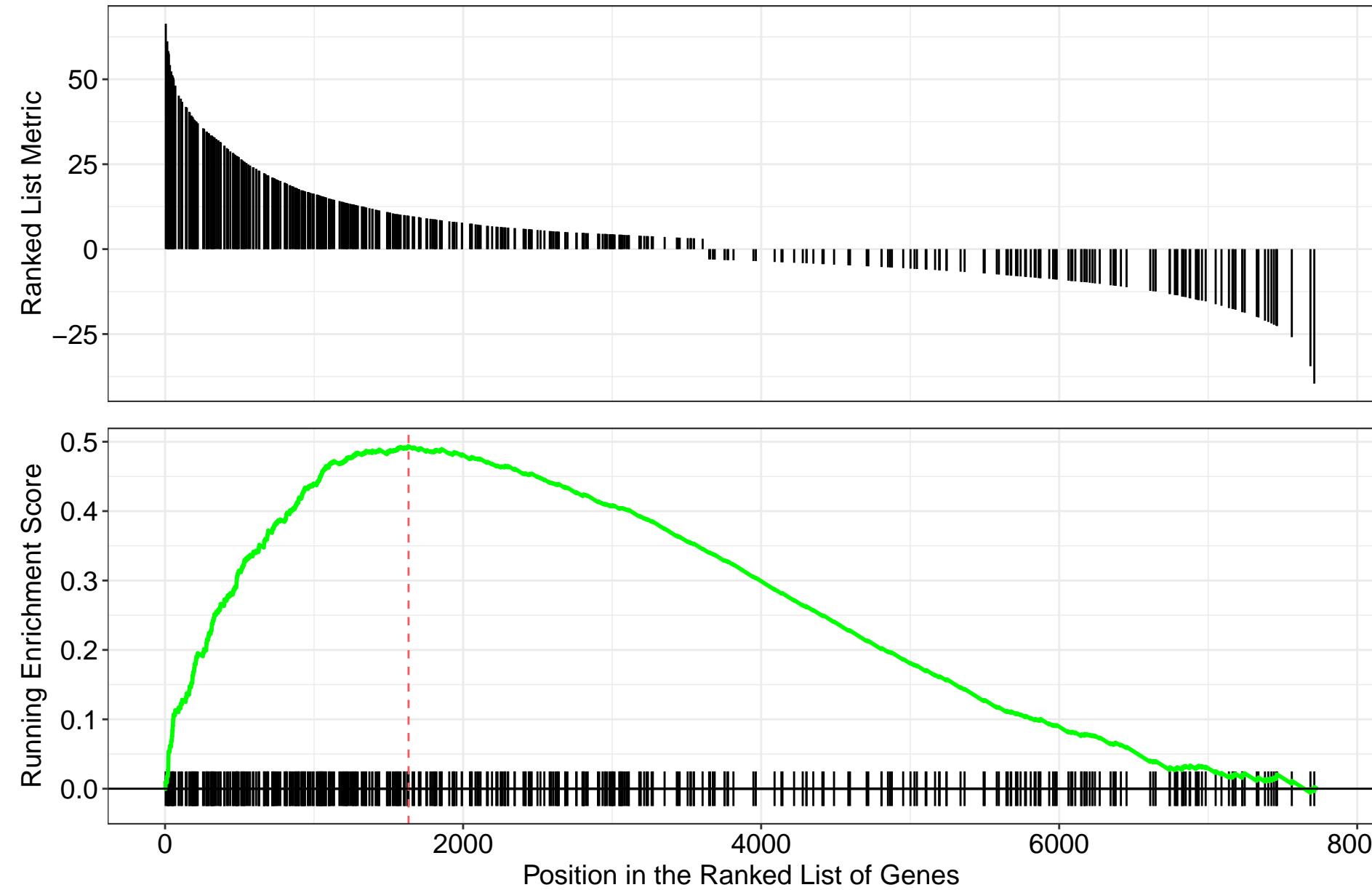
# regulation of cytokine production



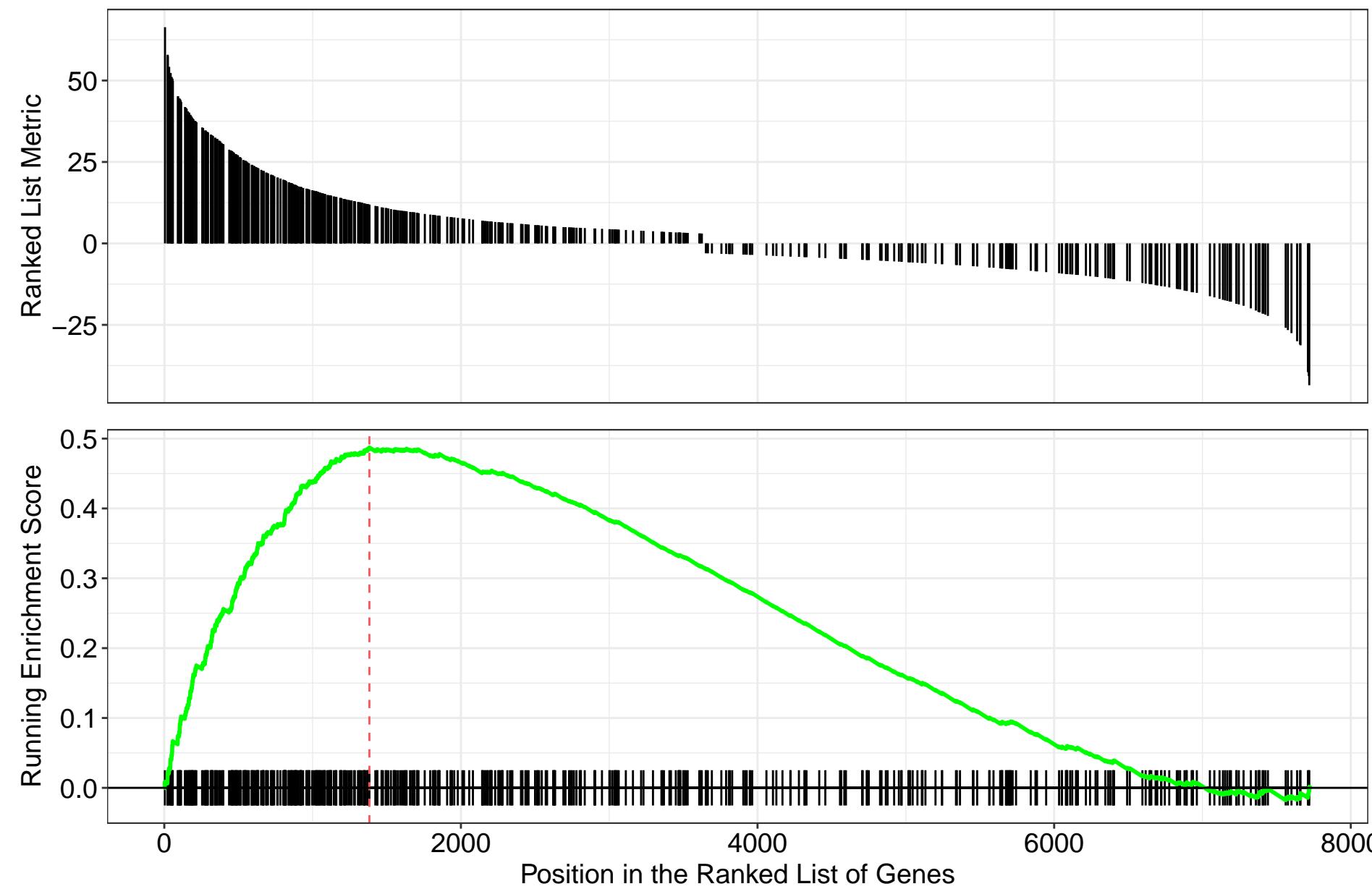
# cell chemotaxis



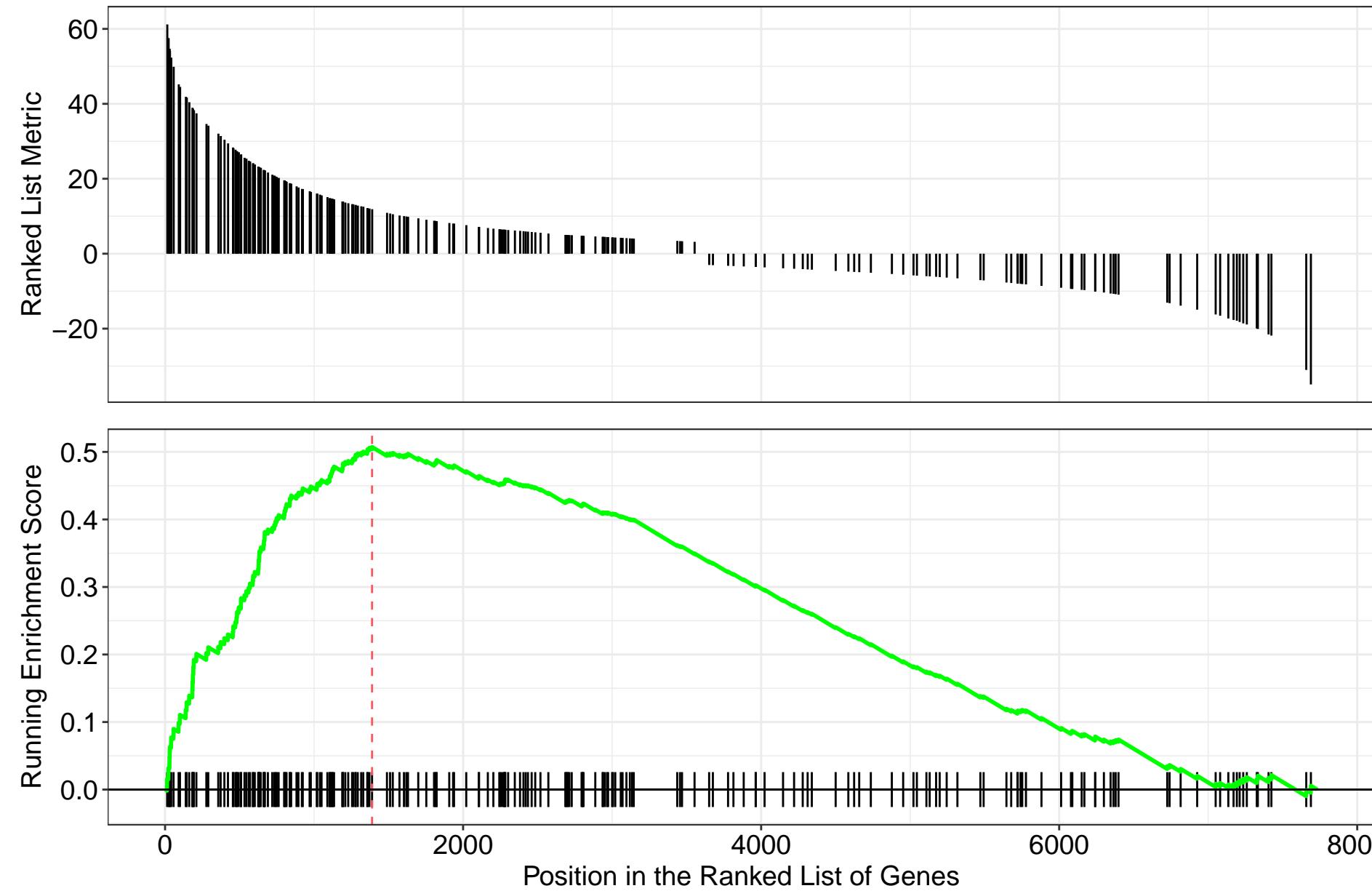
# cytokine production



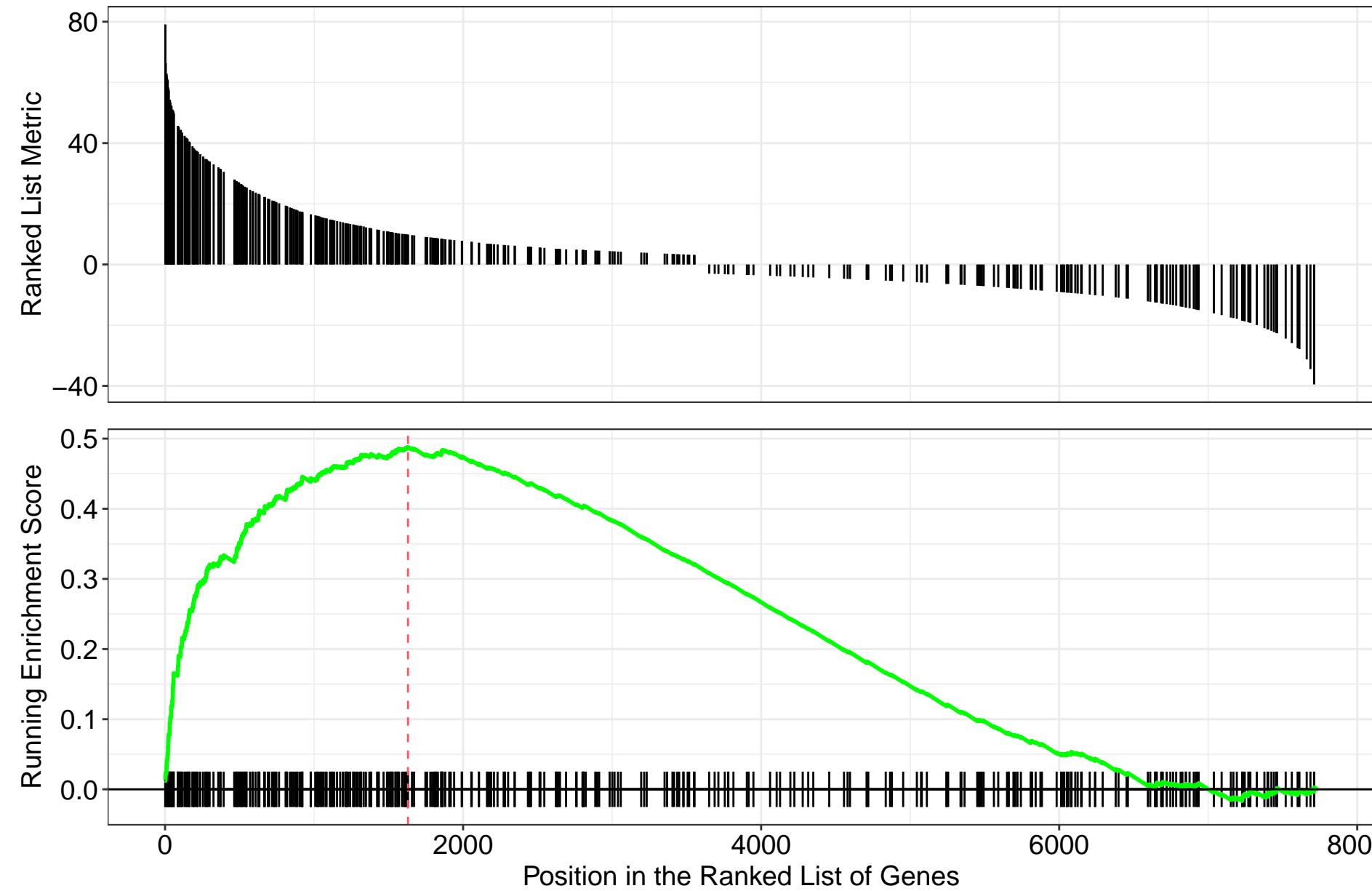
# regulation of response to external stimulus



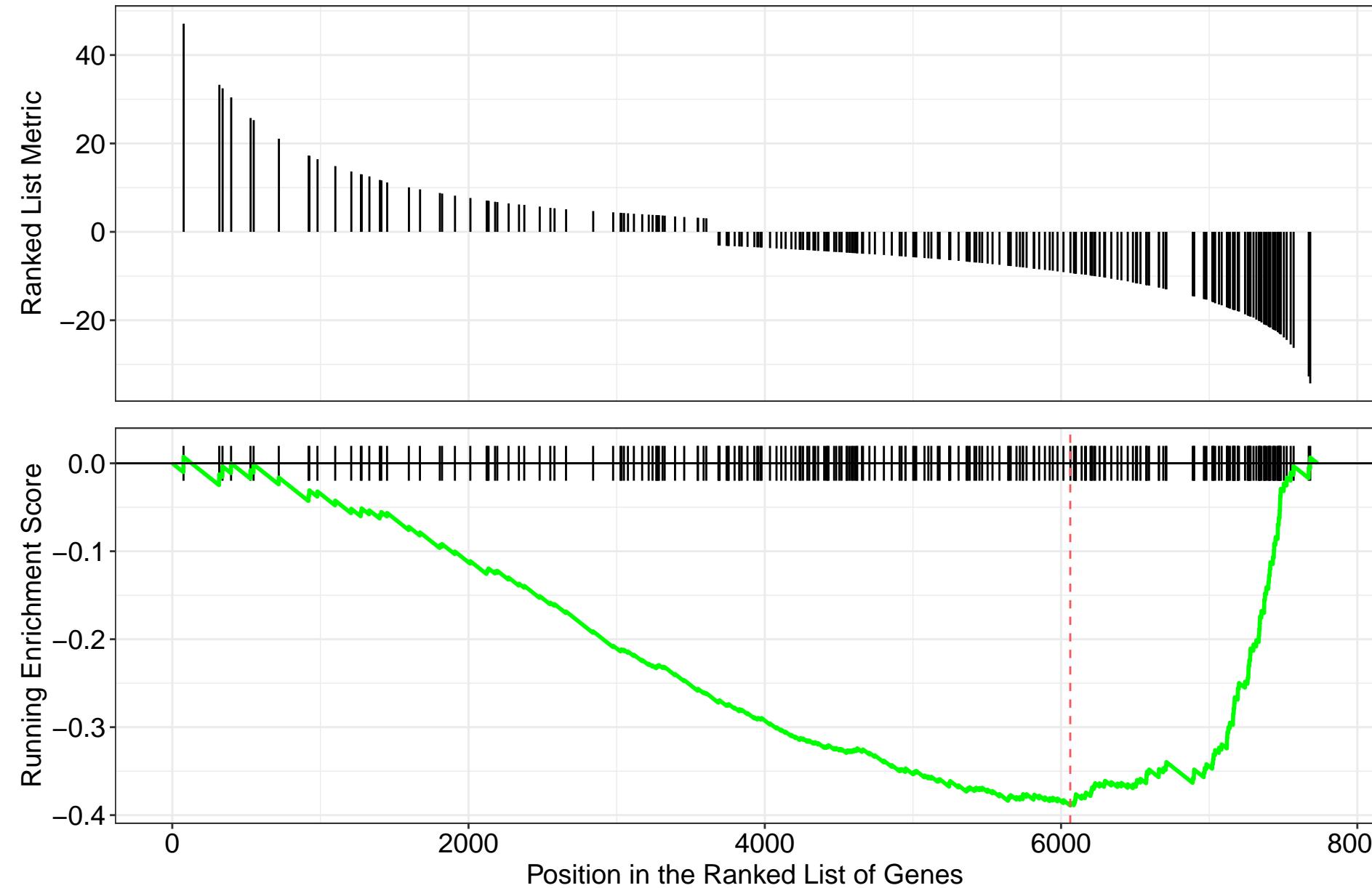
# regulation of immune effector process



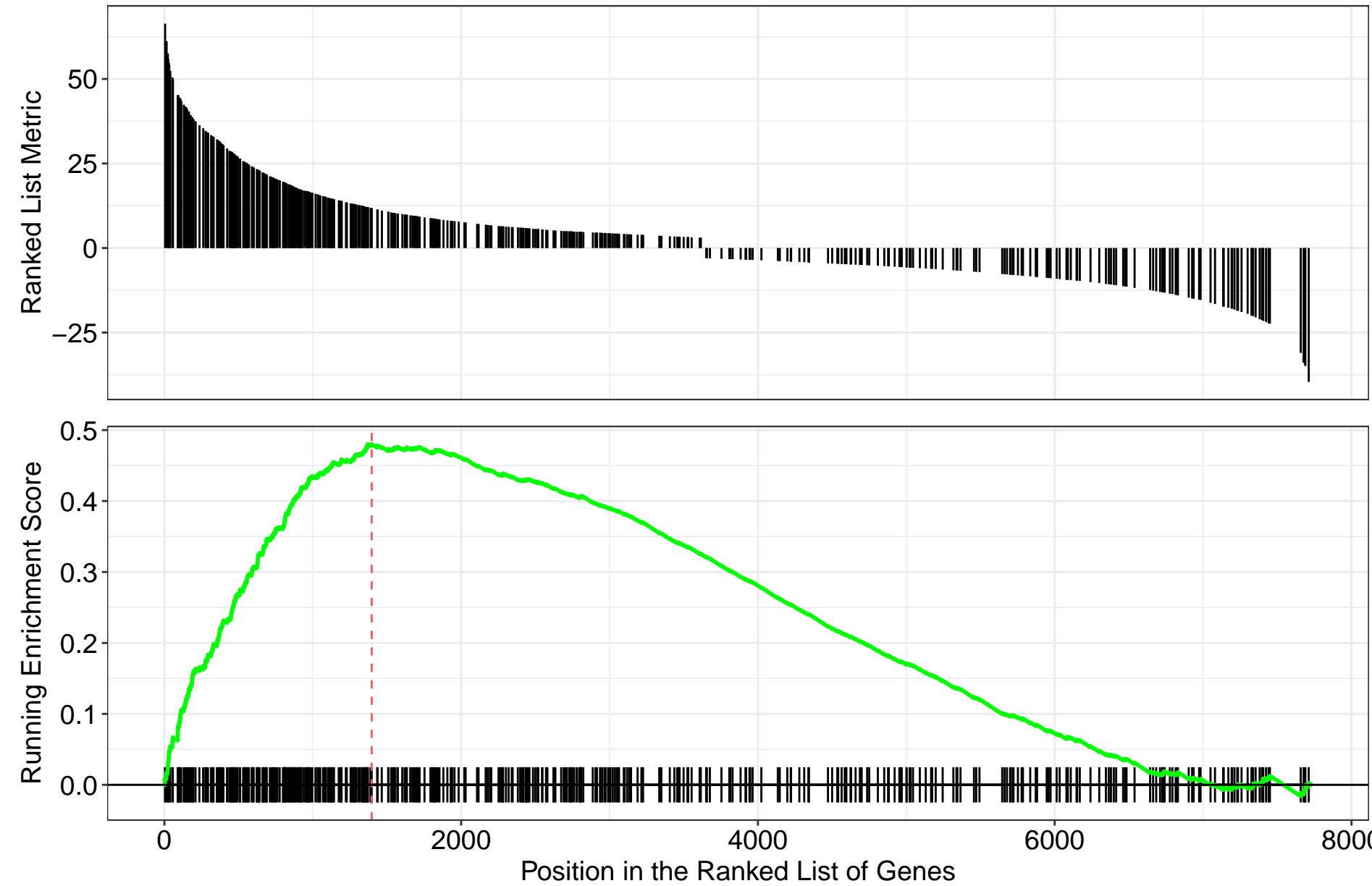
# inflammatory response



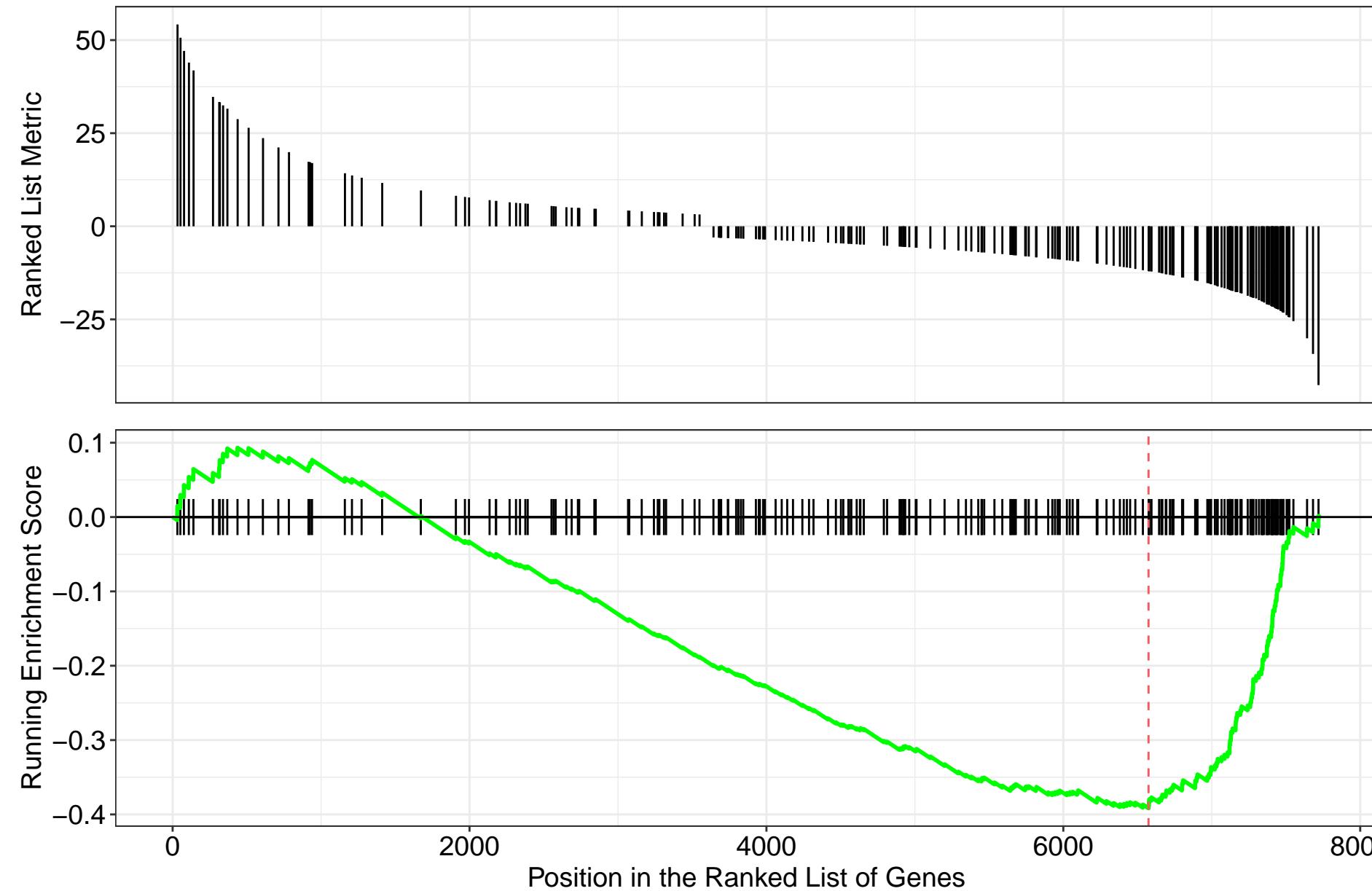
# chromosome organization



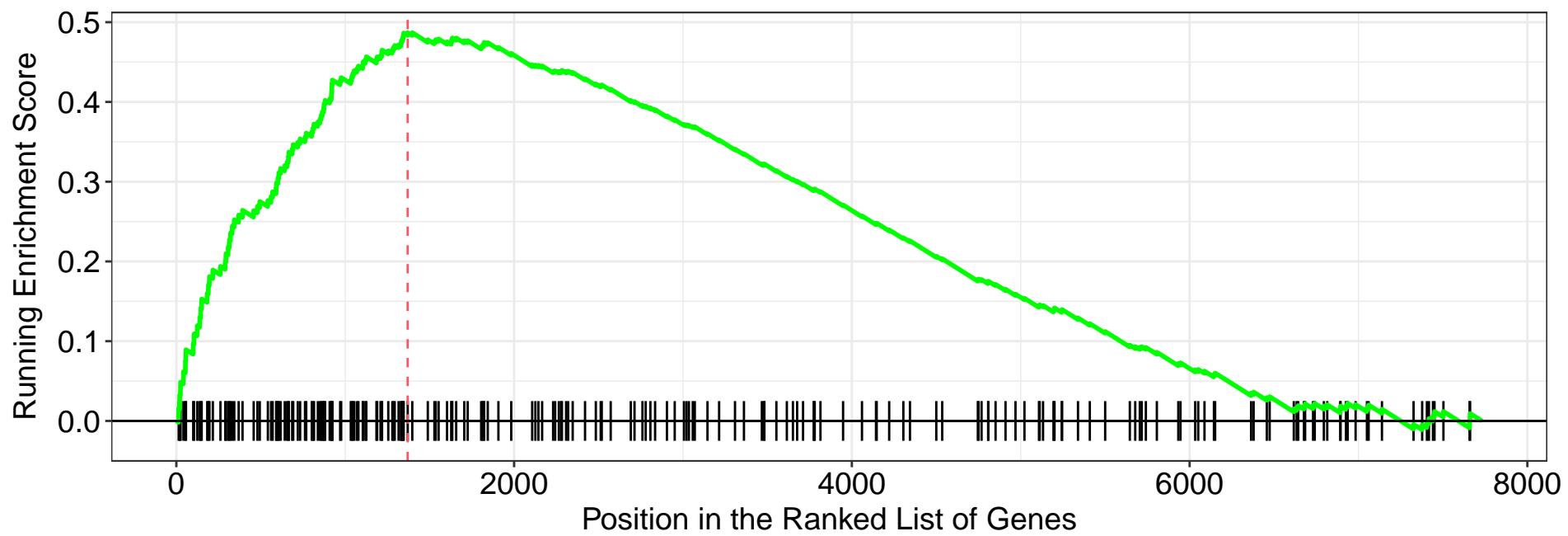
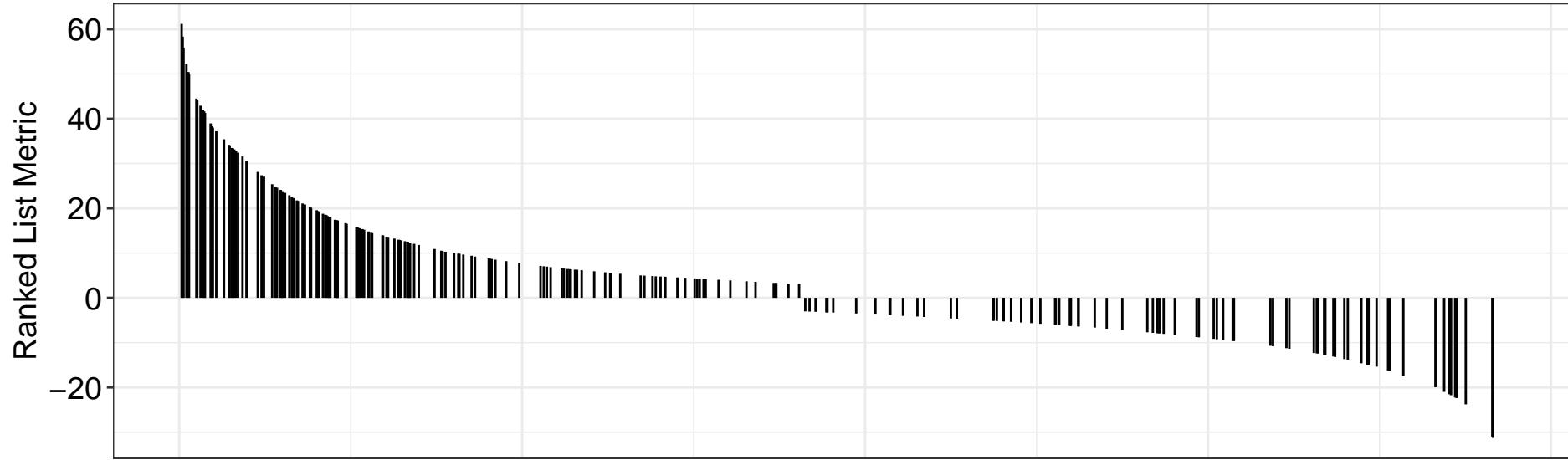
# regulation of immune response



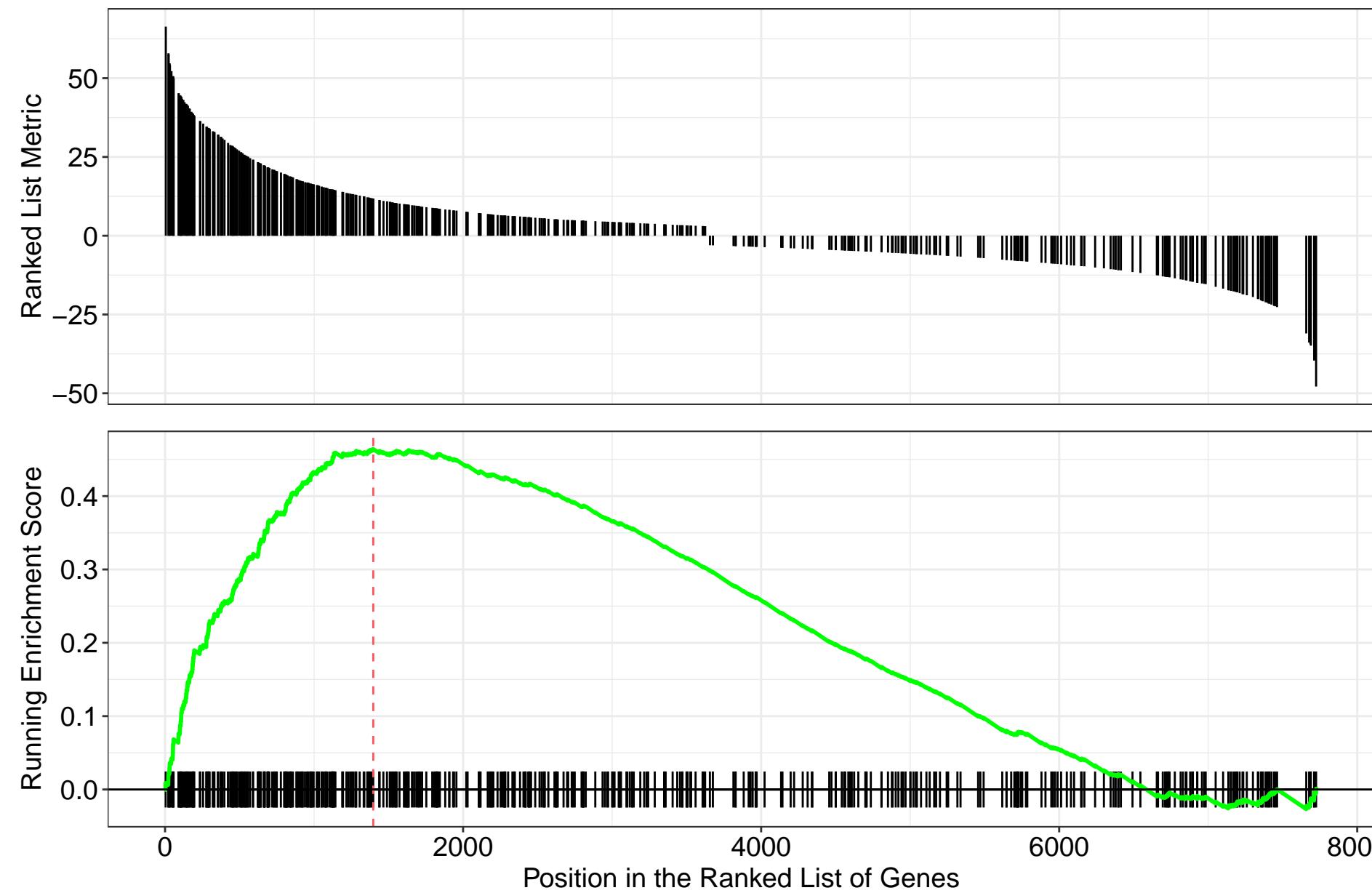
# nuclear division



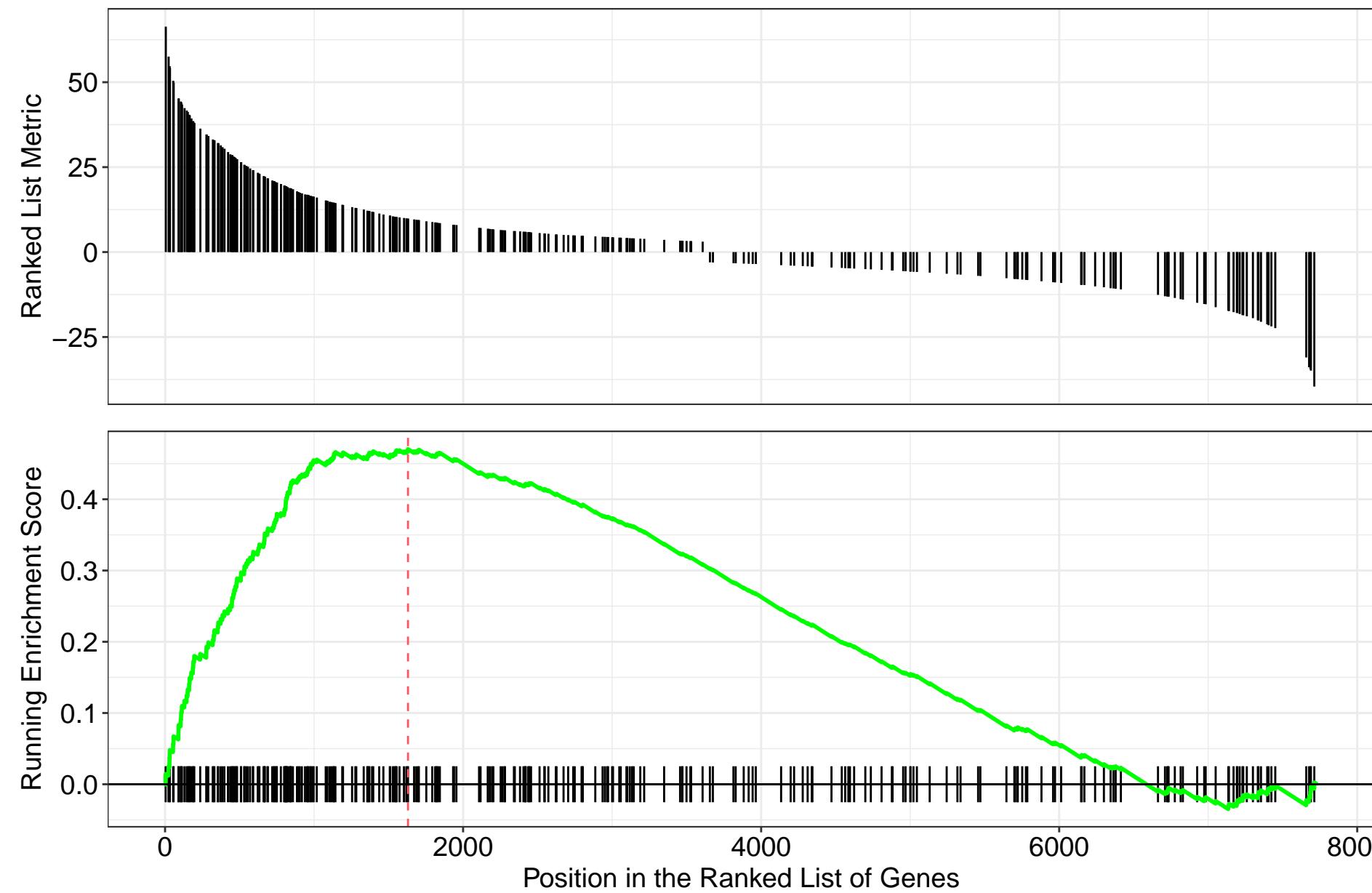
# negative regulation of immune system process



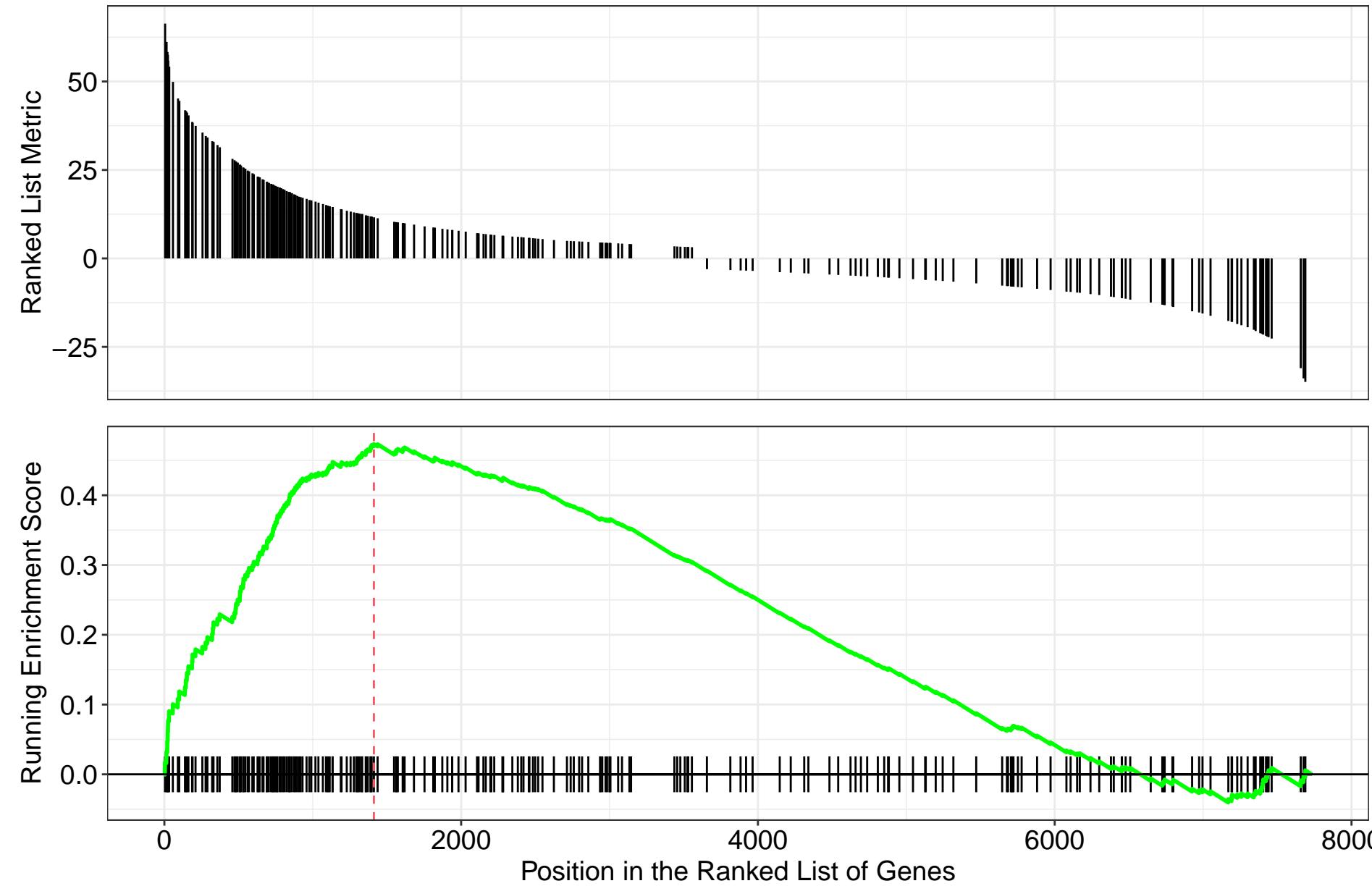
# positive regulation of immune system process



# positive regulation of immune response

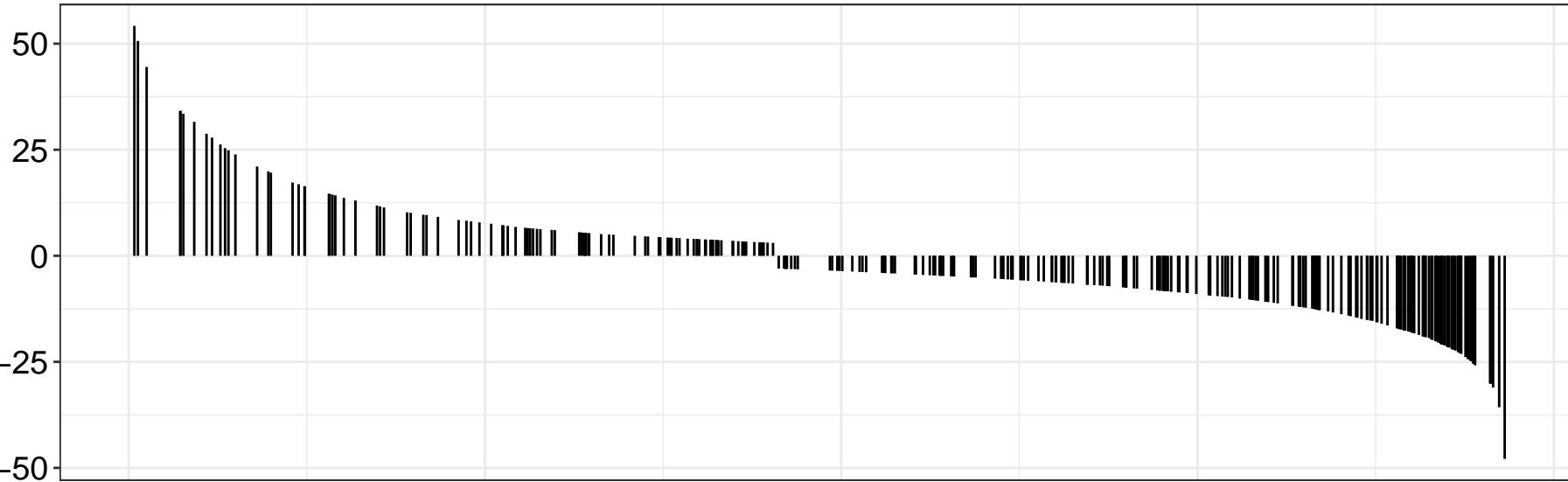


# adaptive immune response

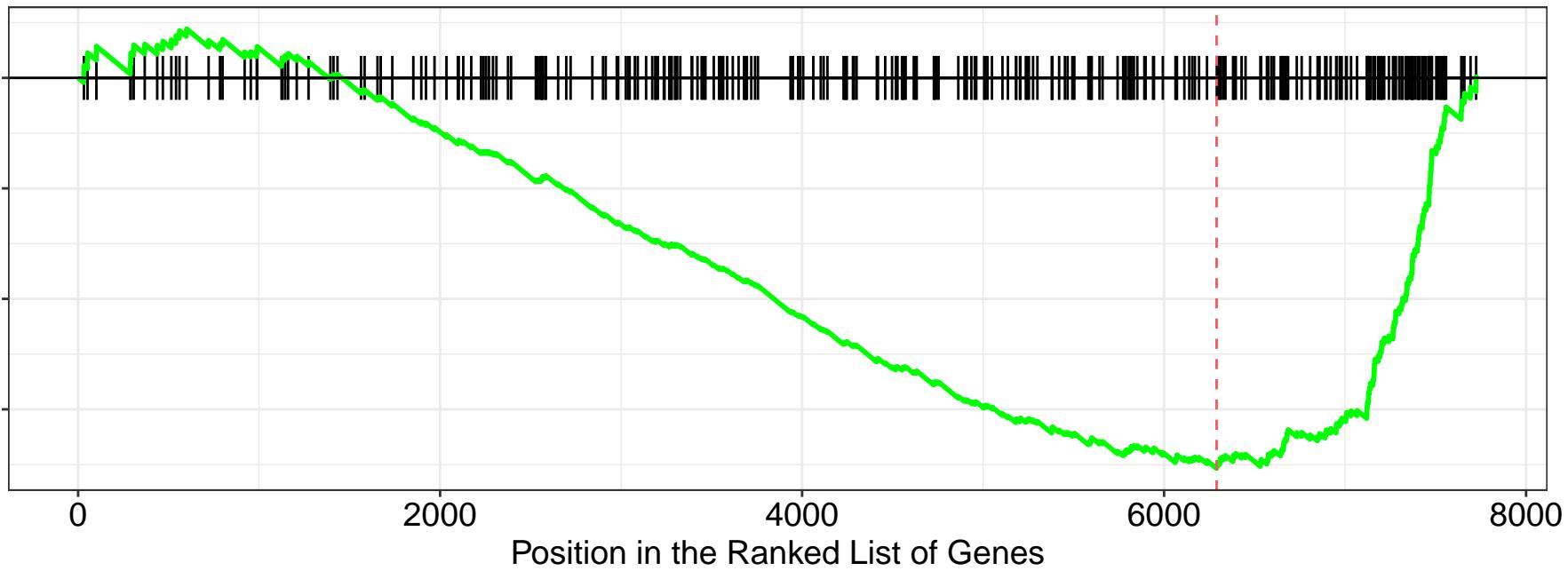


# cell division

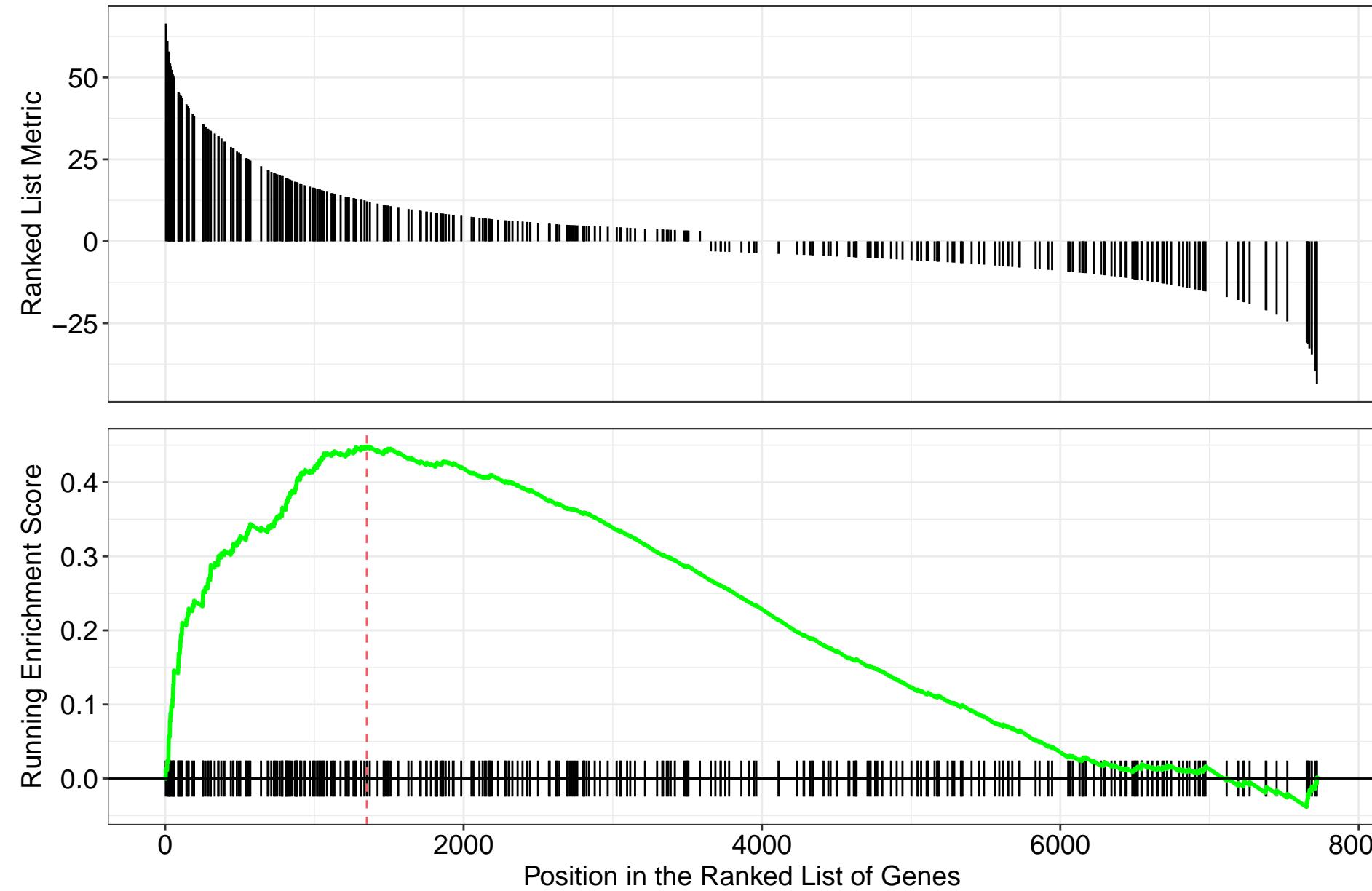
Ranked List Metric



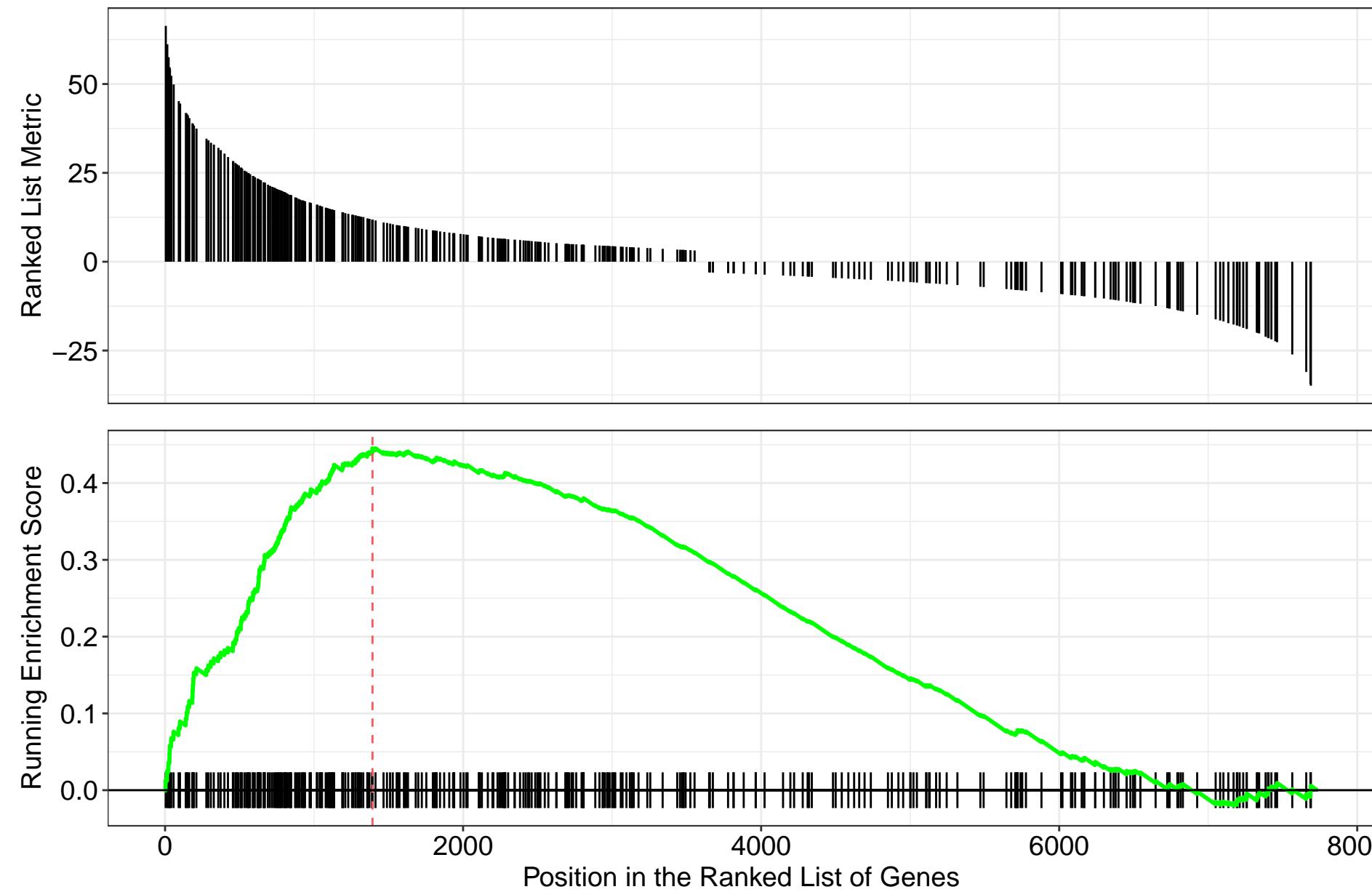
Running Enrichment Score



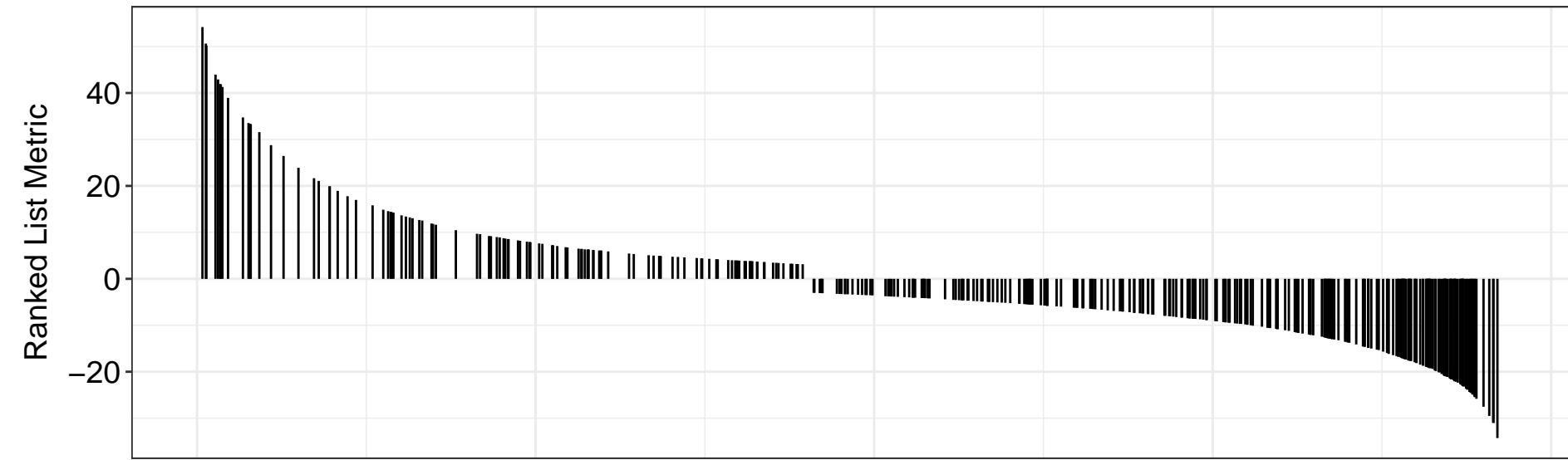
# response to lipid



# immune effector process

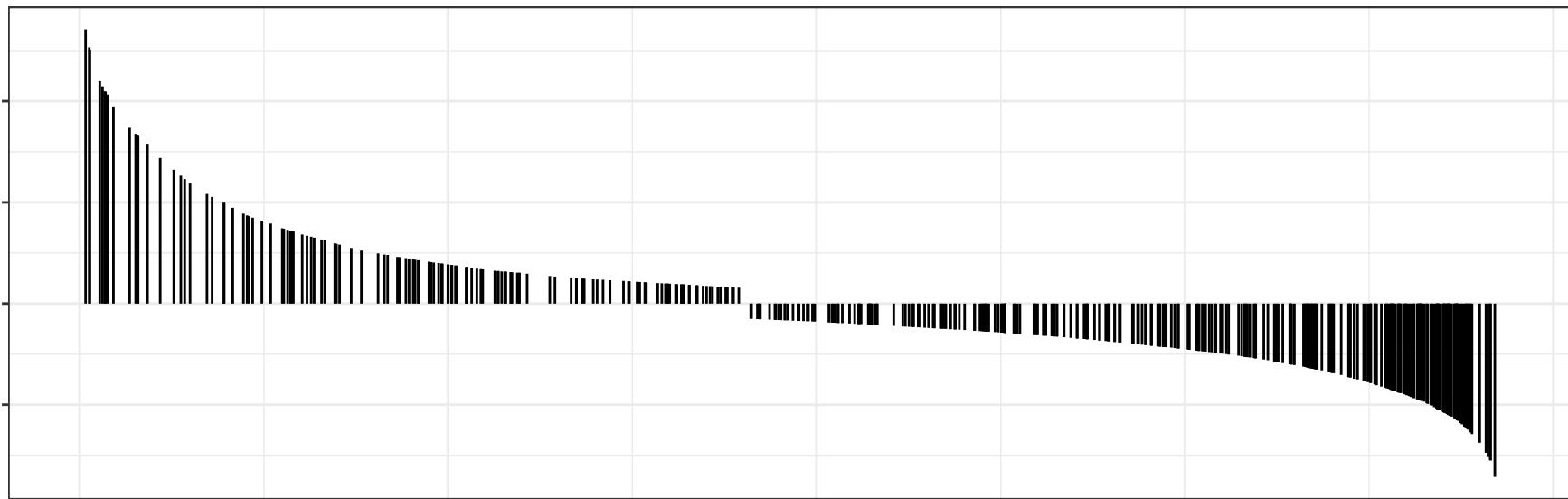


# mitotic cell cycle process



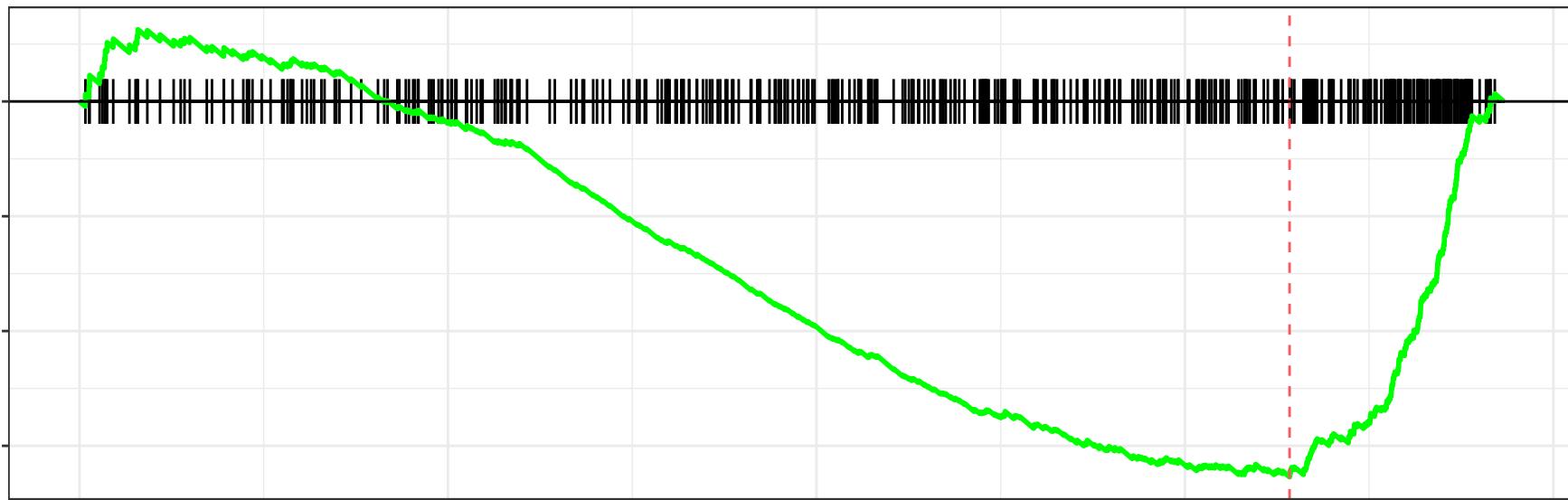
# mitotic cell cycle

Ranked List Metric

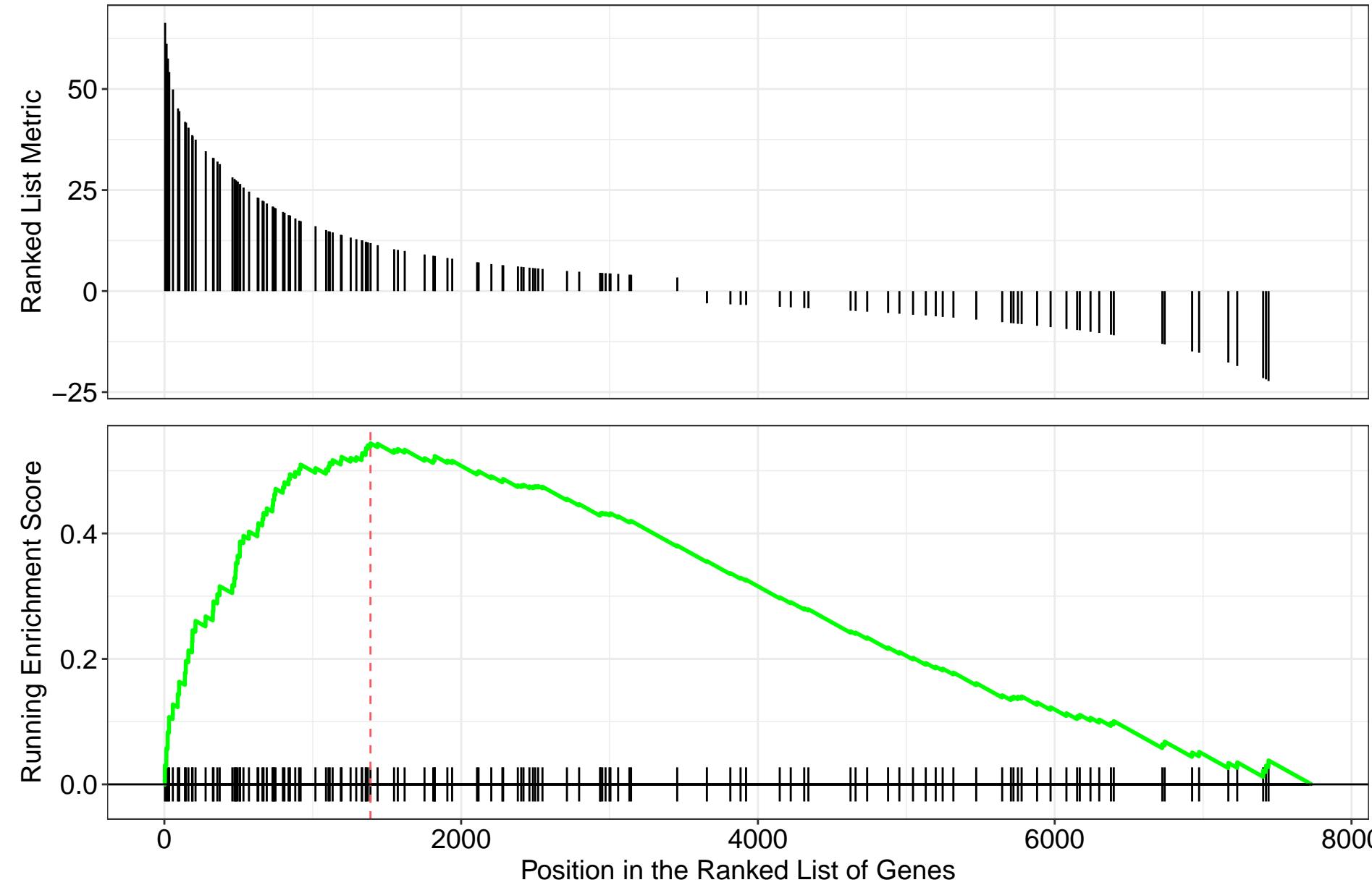


Running Enrichment Score

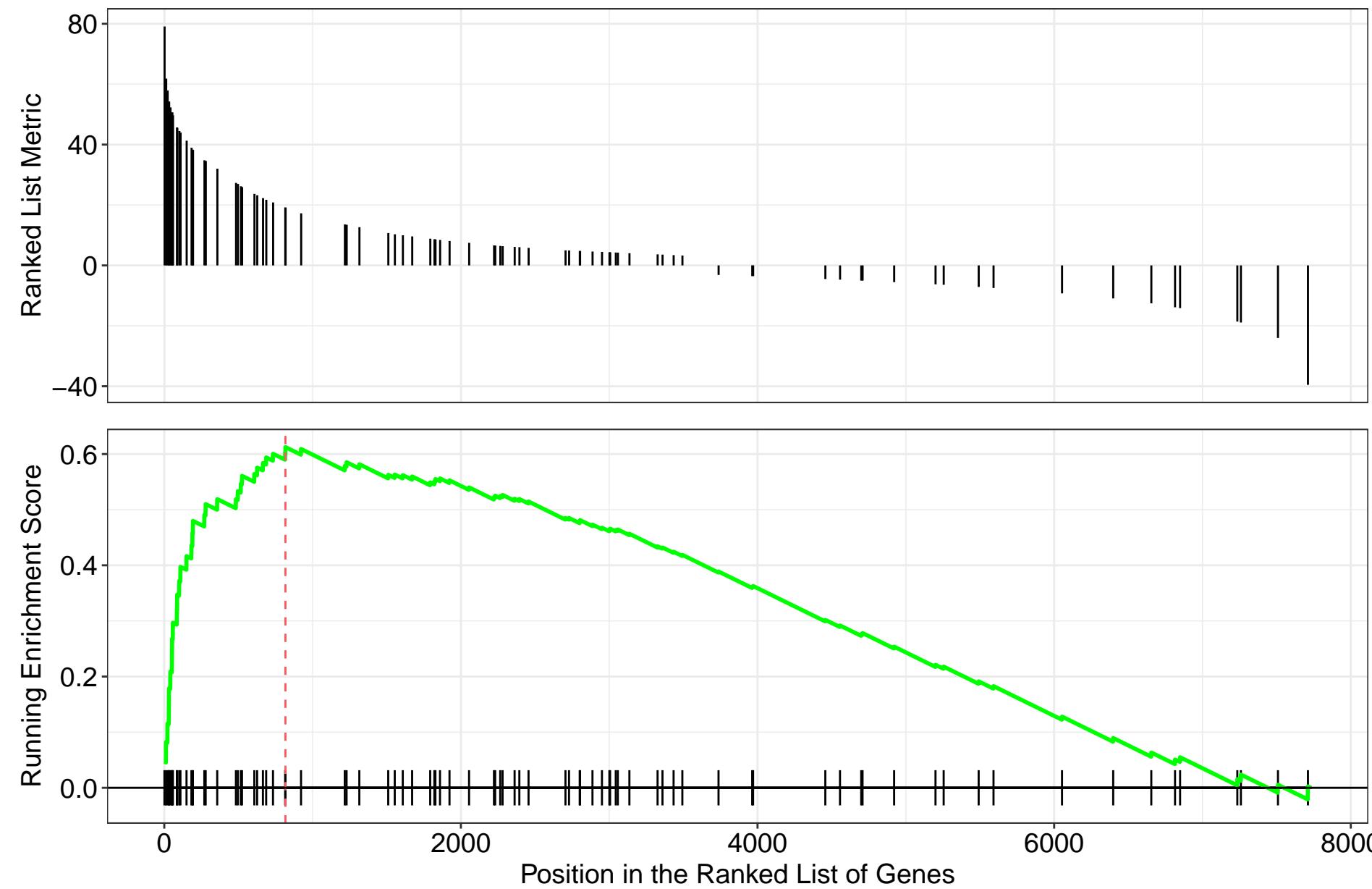
Position in the Ranked List of Genes



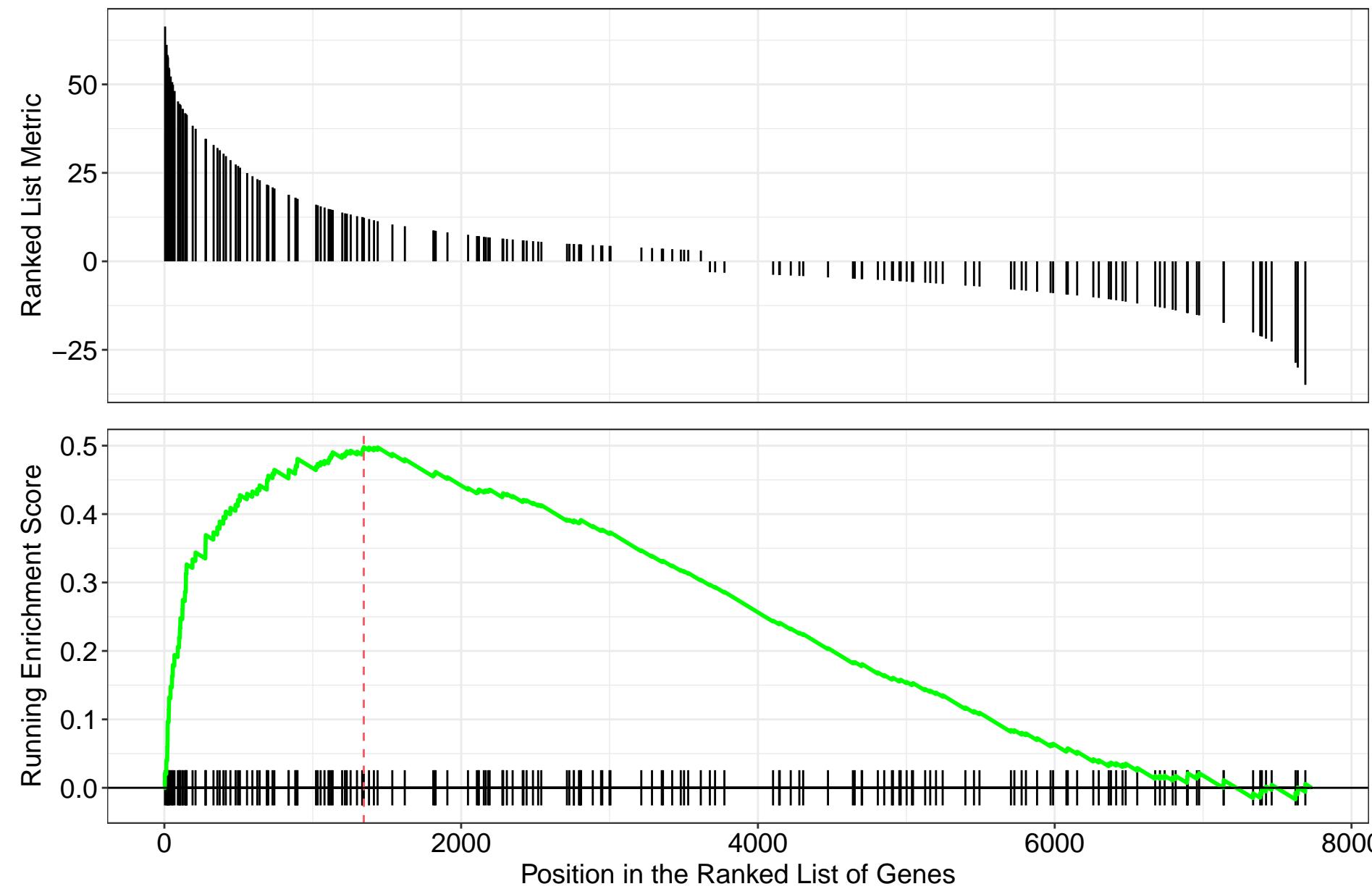
# regulation of adaptive immune response



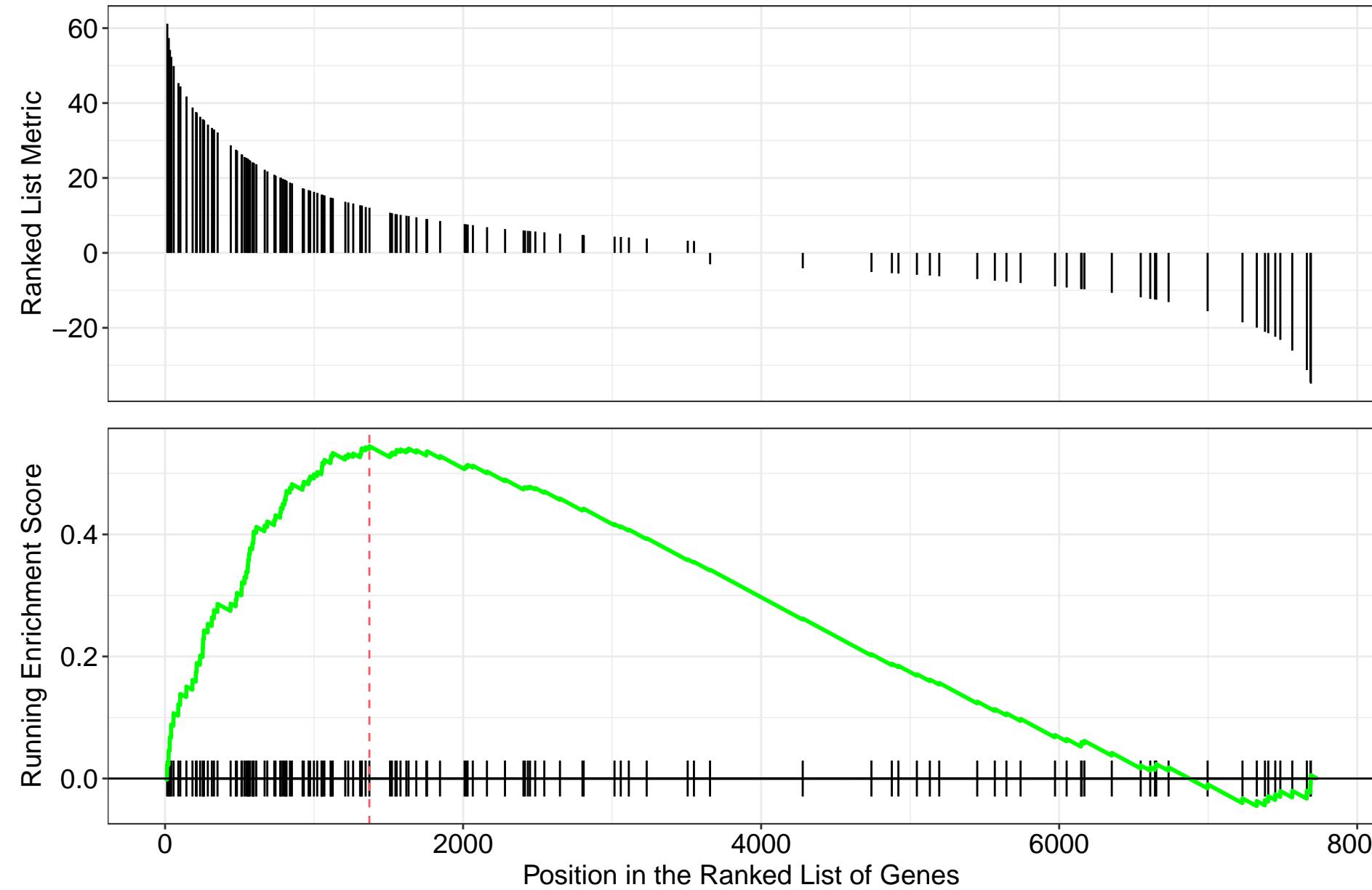
# granulocyte migration



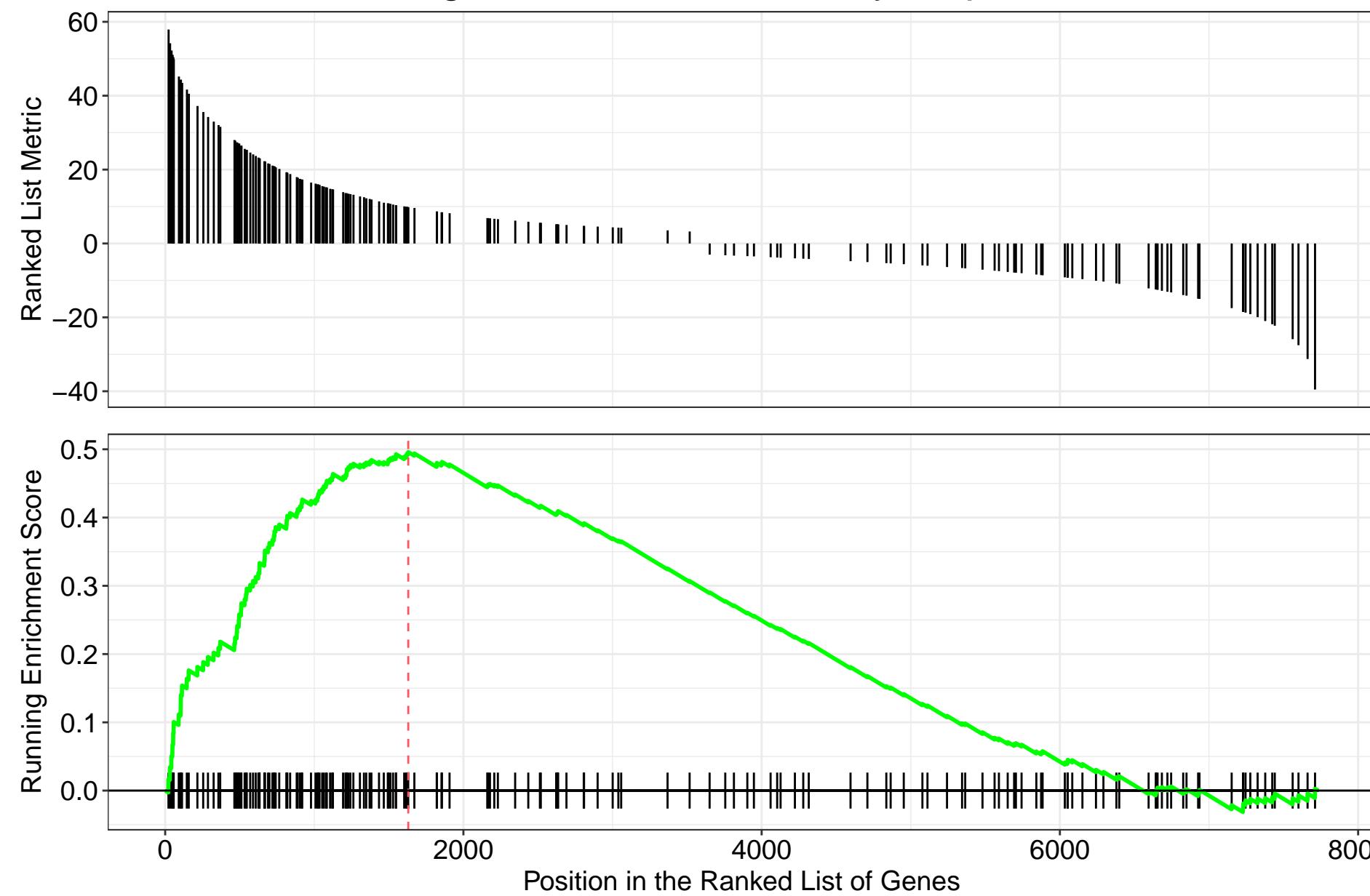
# leukocyte proliferation



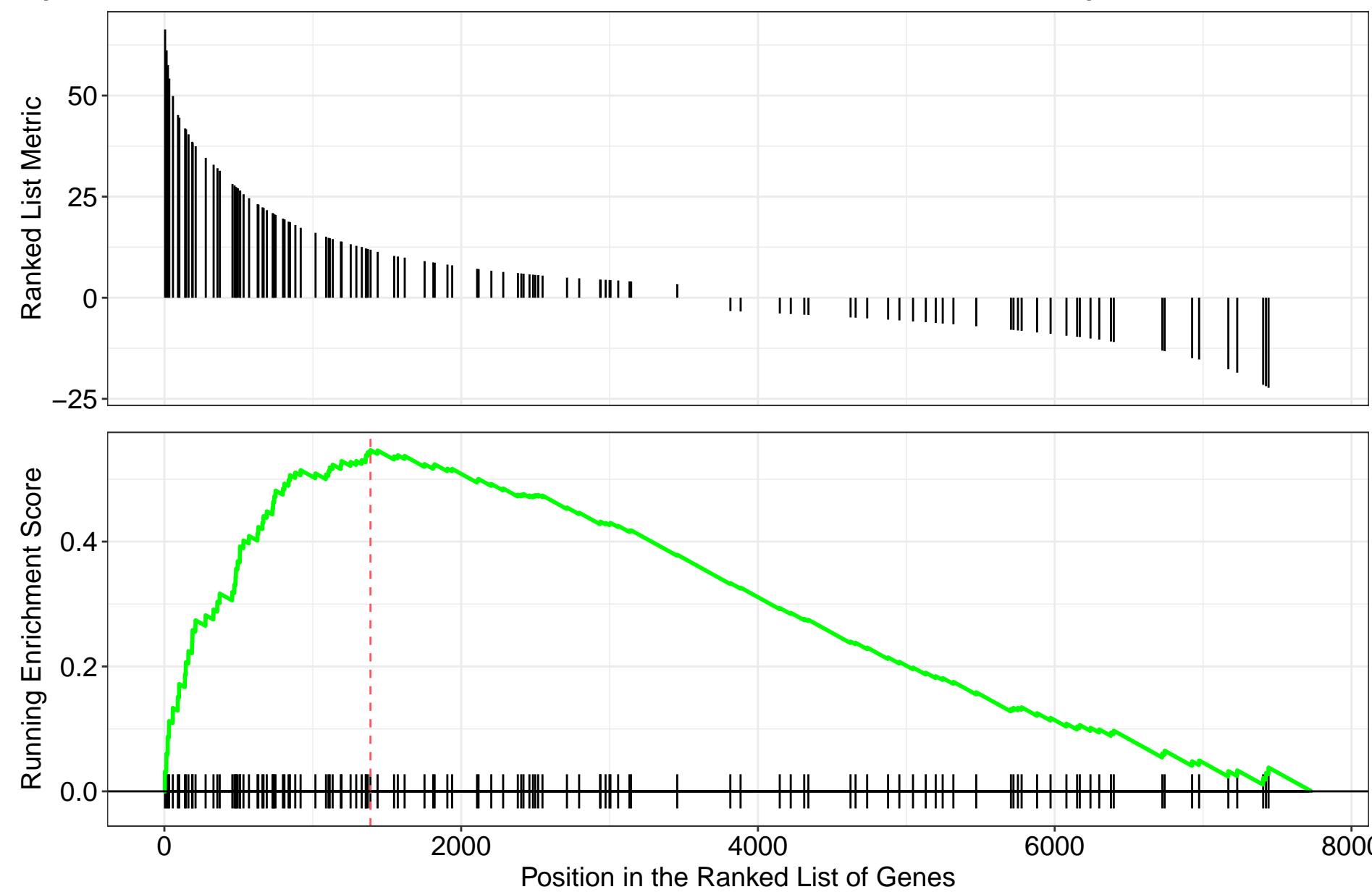
# defense response to bacterium



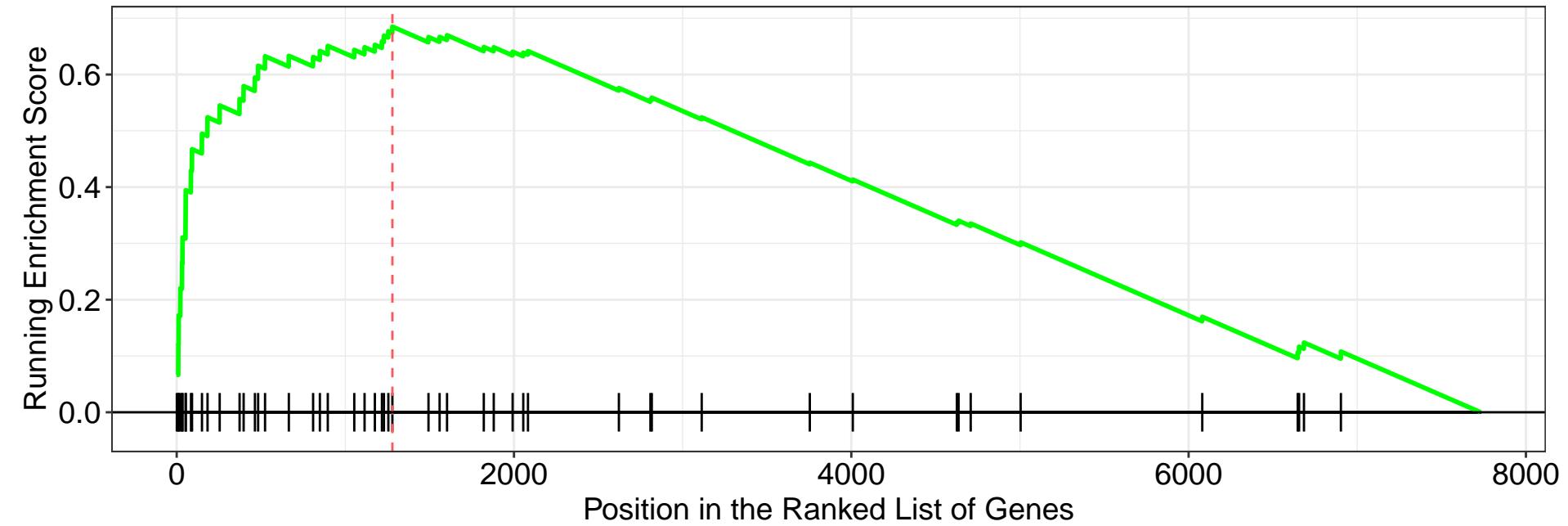
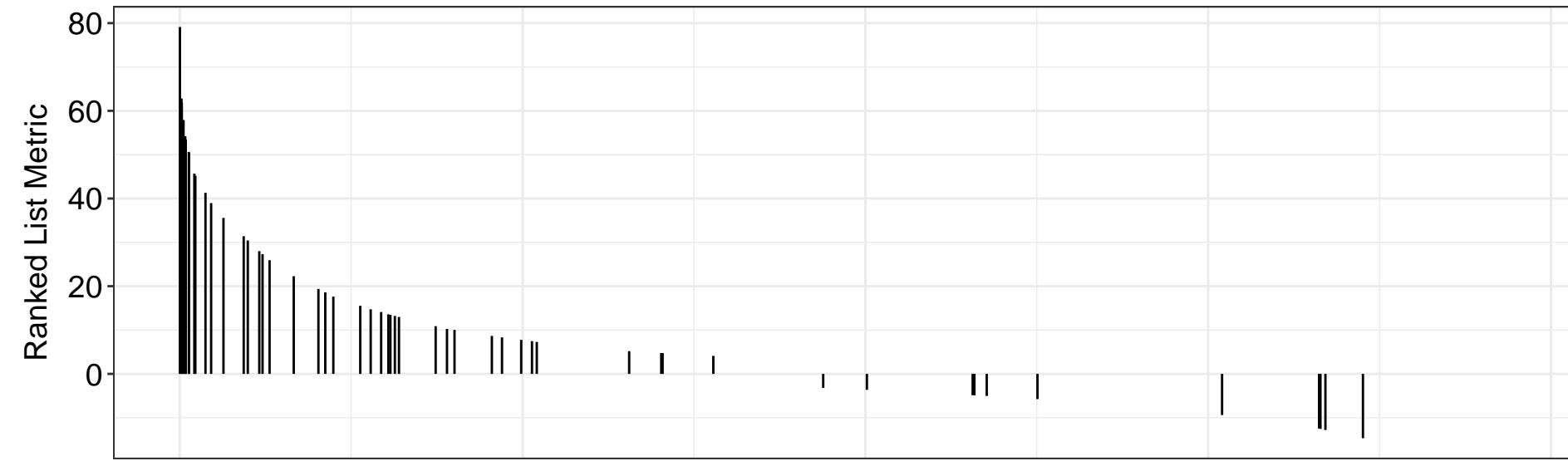
# regulation of inflammatory response



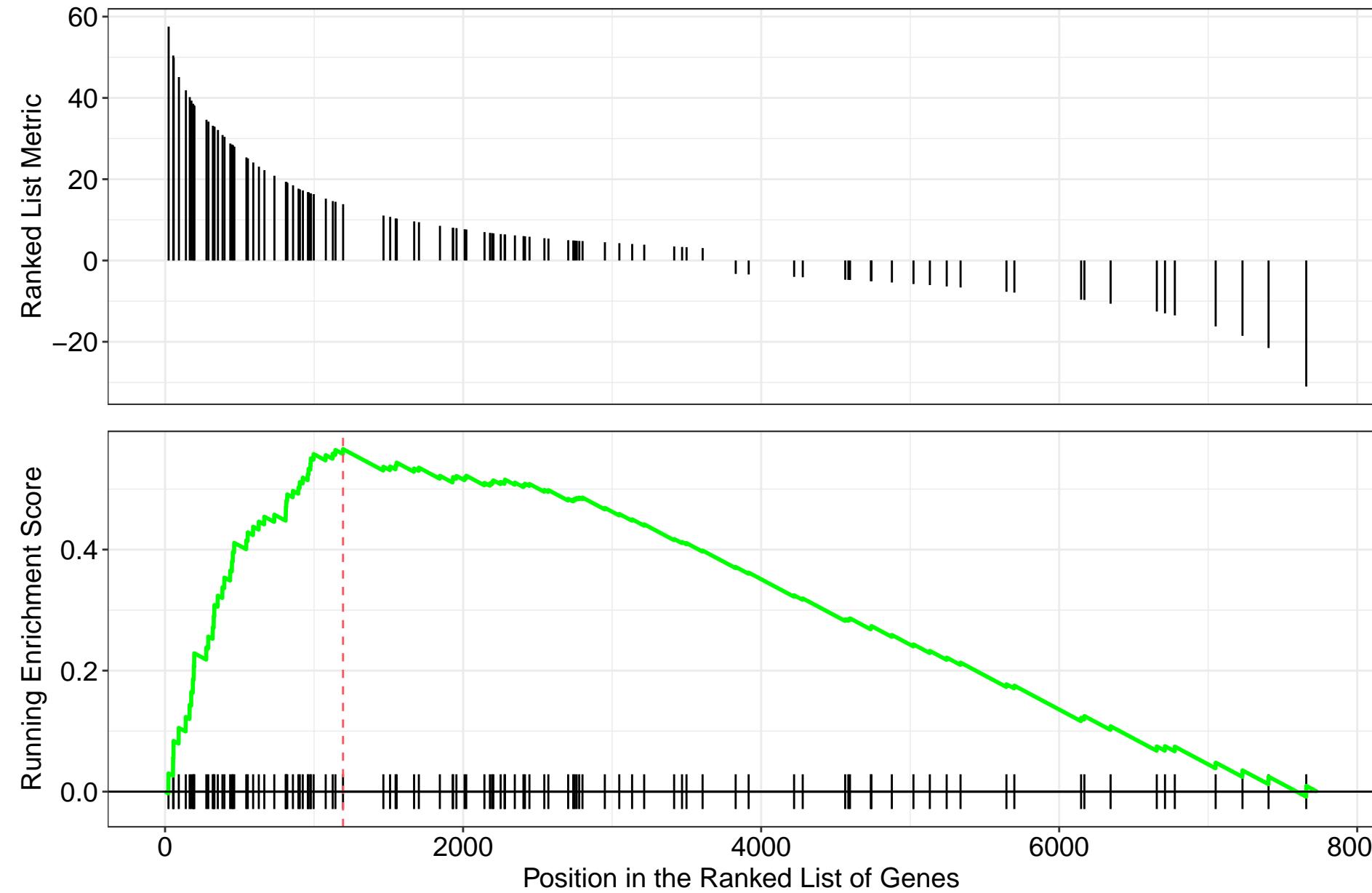
response based on somatic recombination of immune receptors built from i



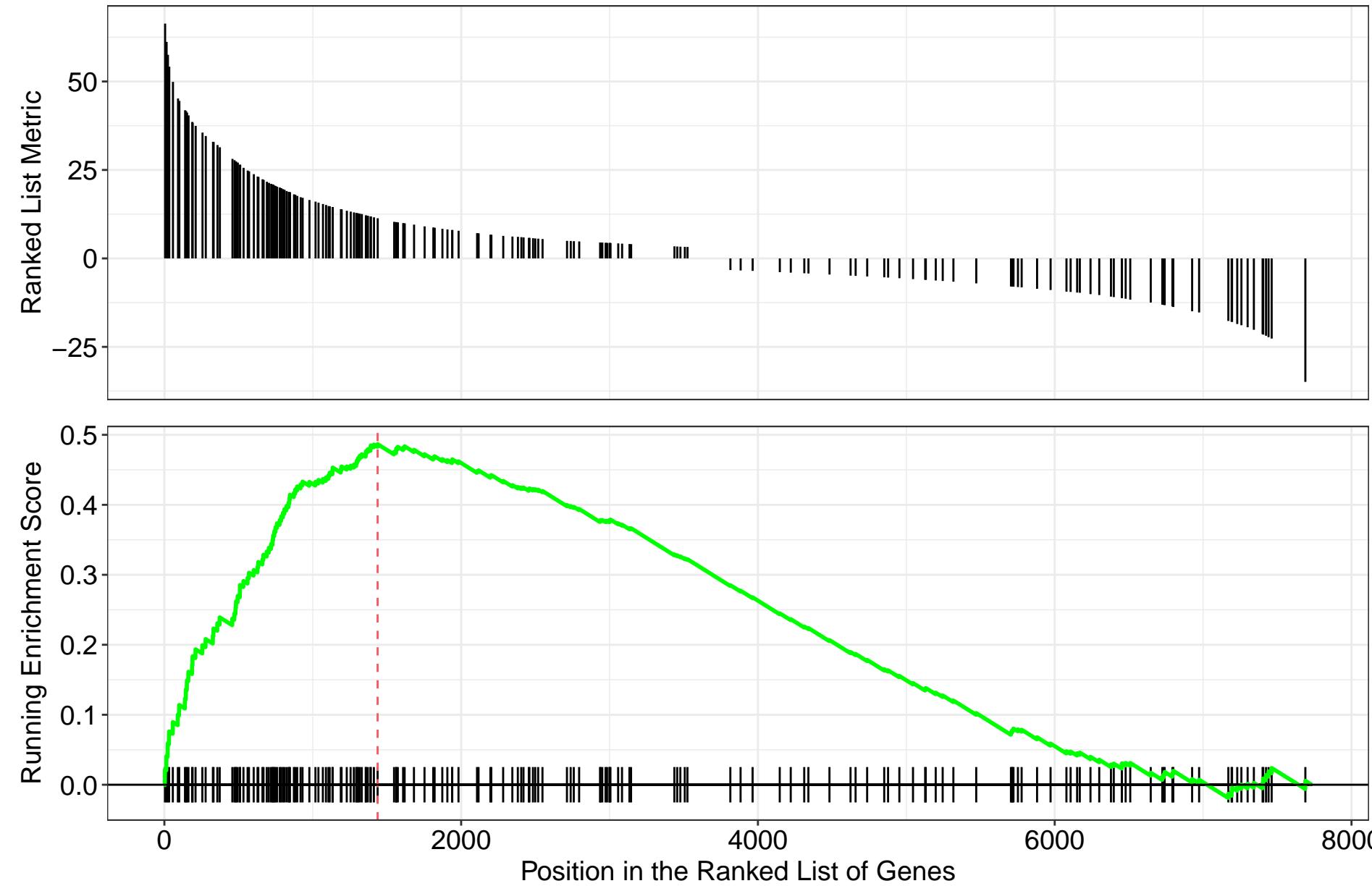
# response to interleukin-1



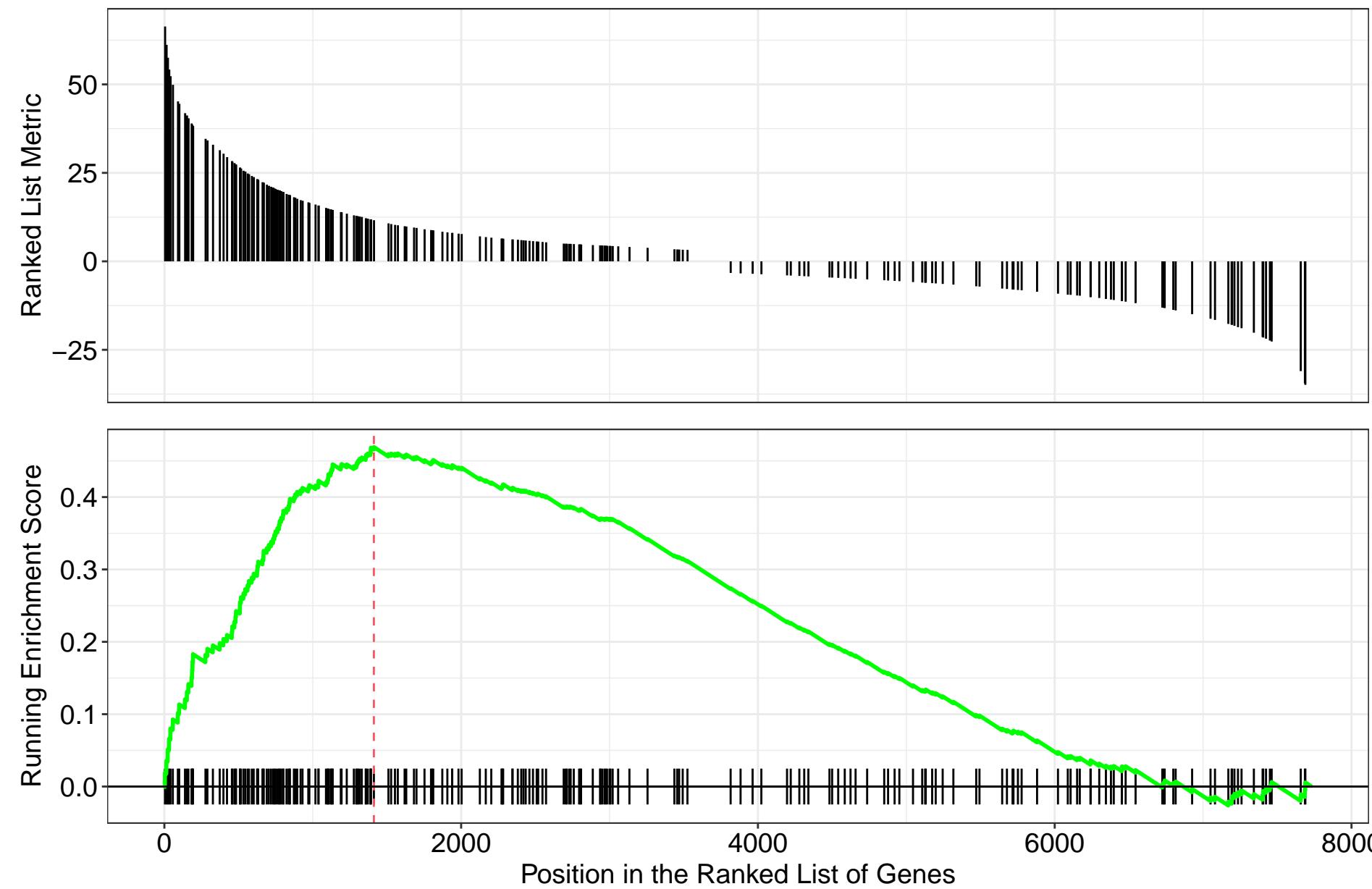
# positive regulation of response to biotic stimulus



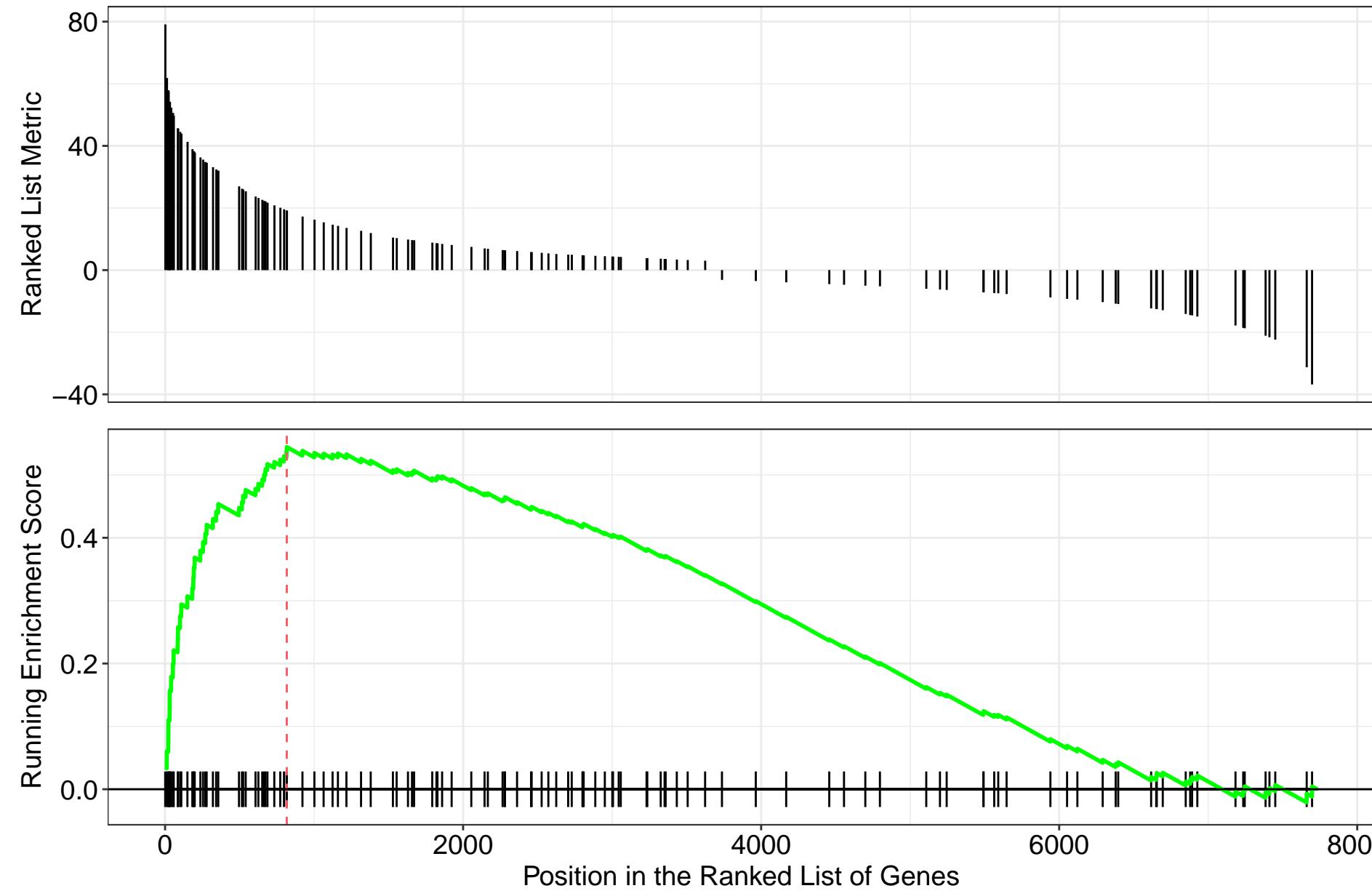
use based on somatic recombination of immune receptors built from immun



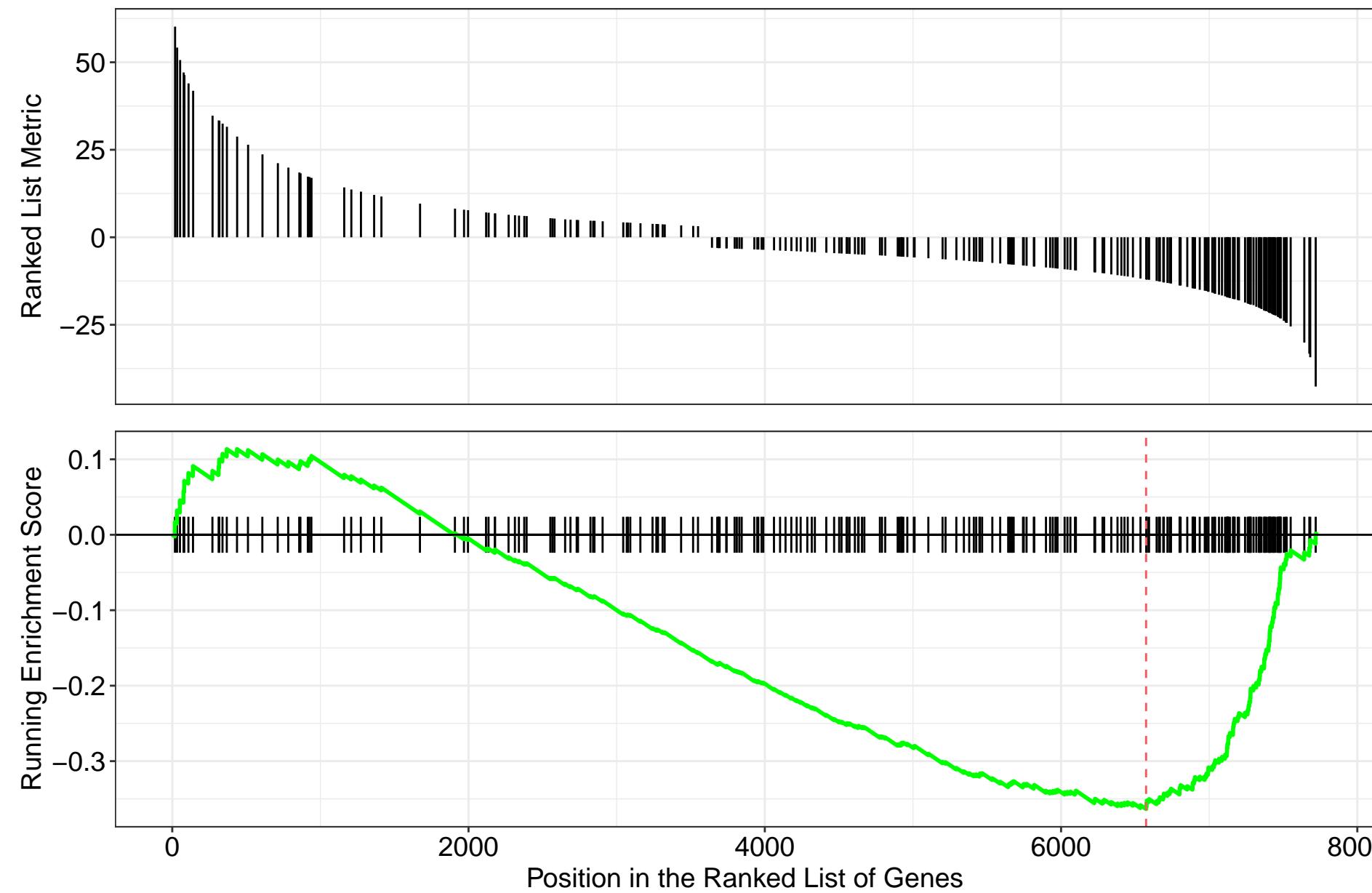
# leukocyte mediated immunity



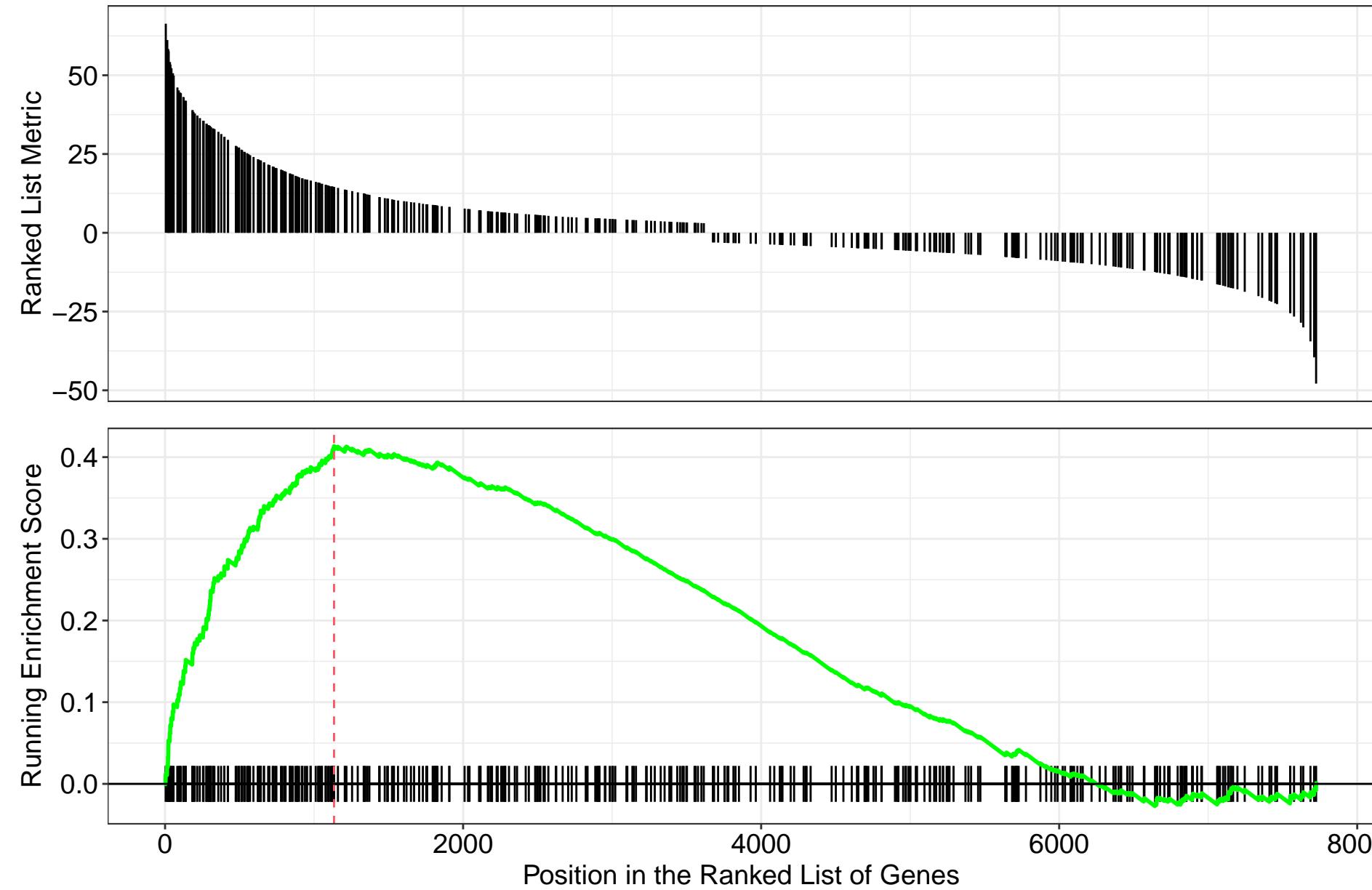
# leukocyte chemotaxis



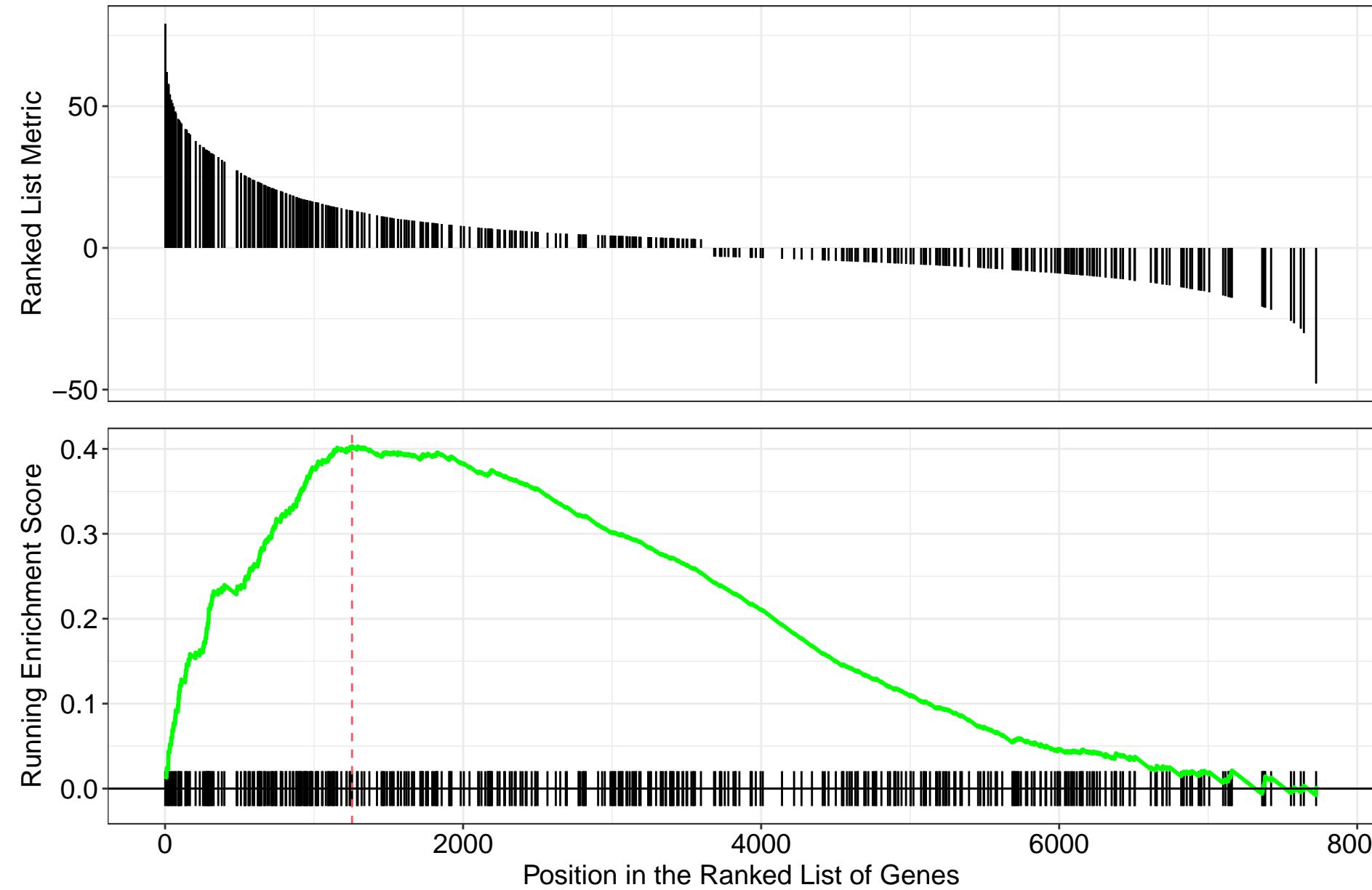
# organelle fission



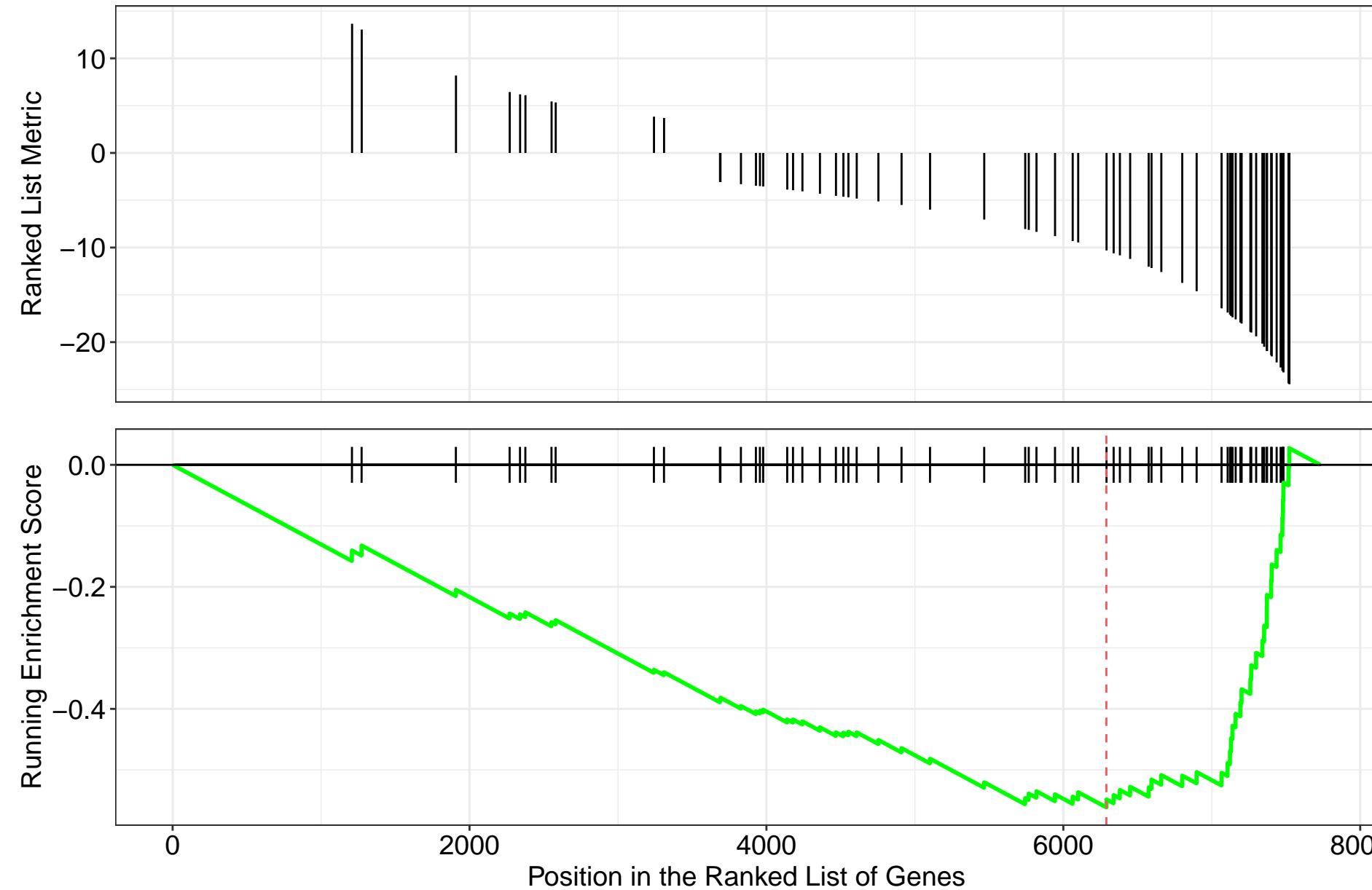
# regulation of cell adhesion



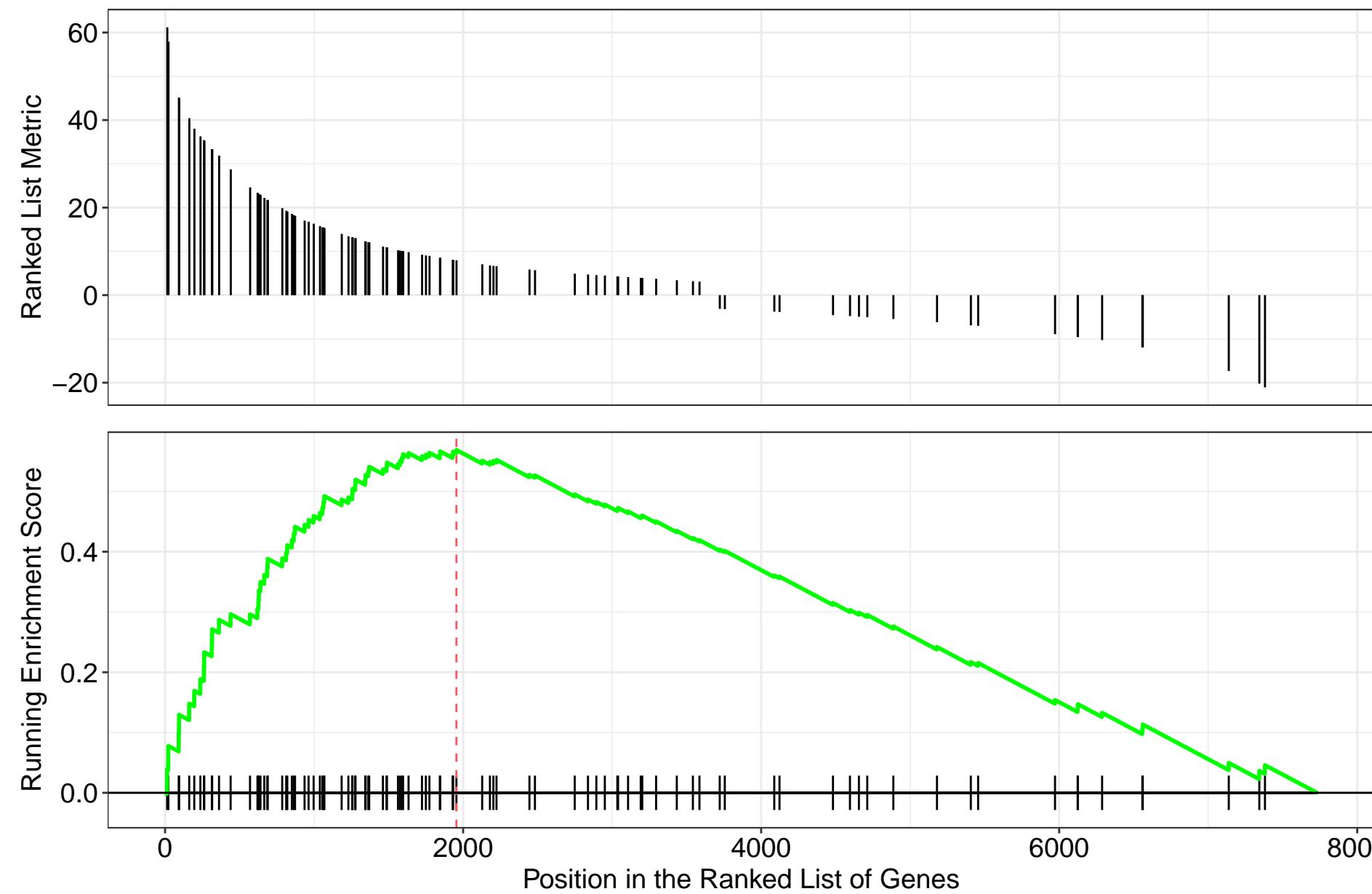
# positive regulation of cell differentiation



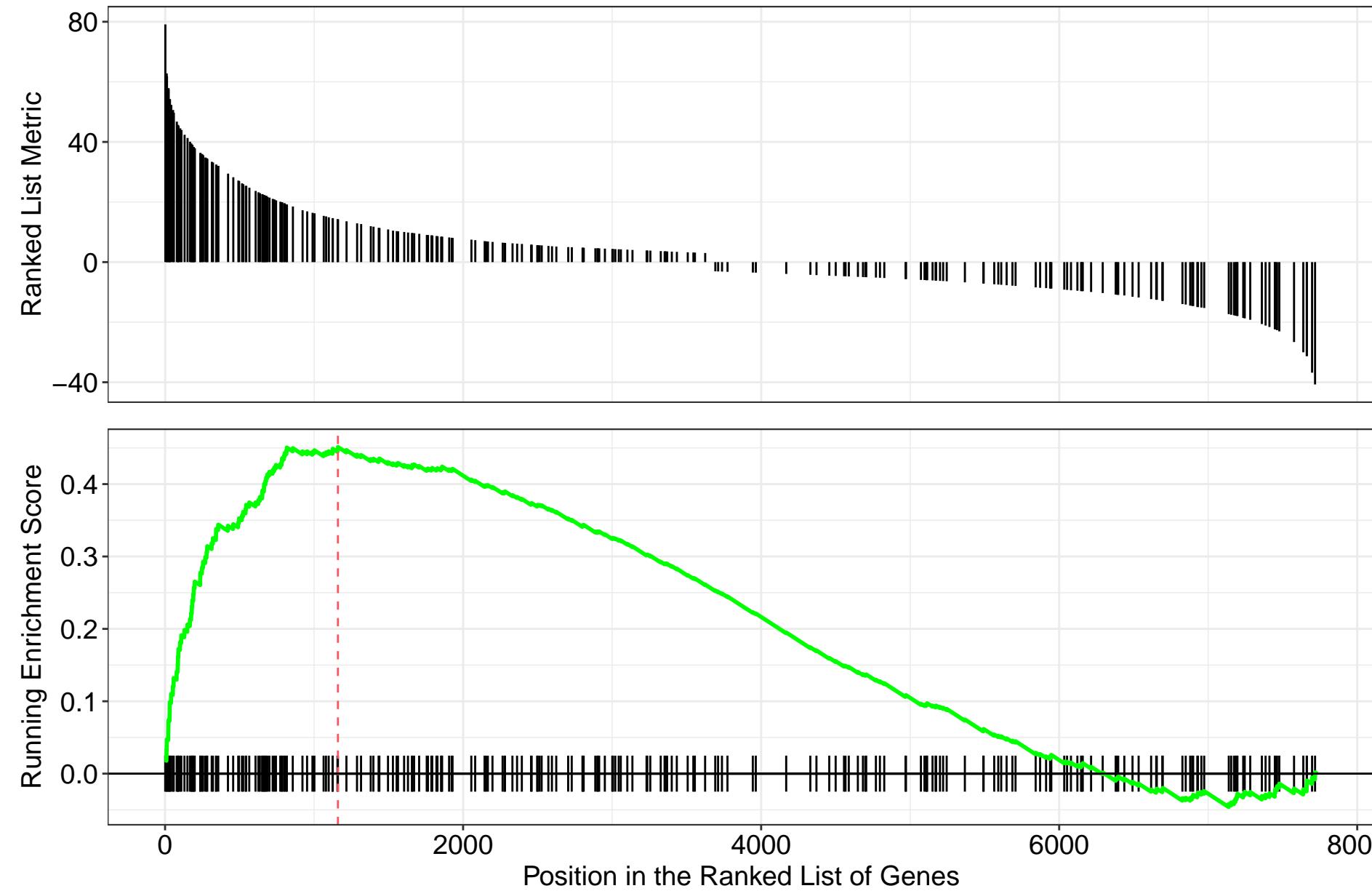
# regulation of chromosome segregation



# regulation of viral process

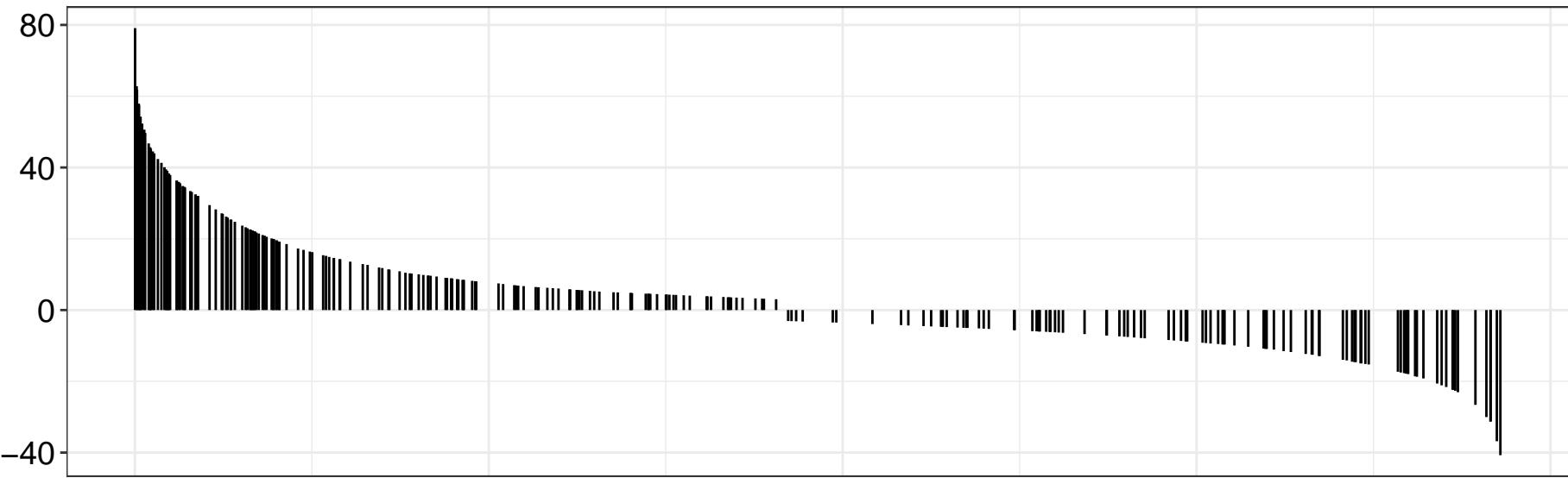


# chemotaxis



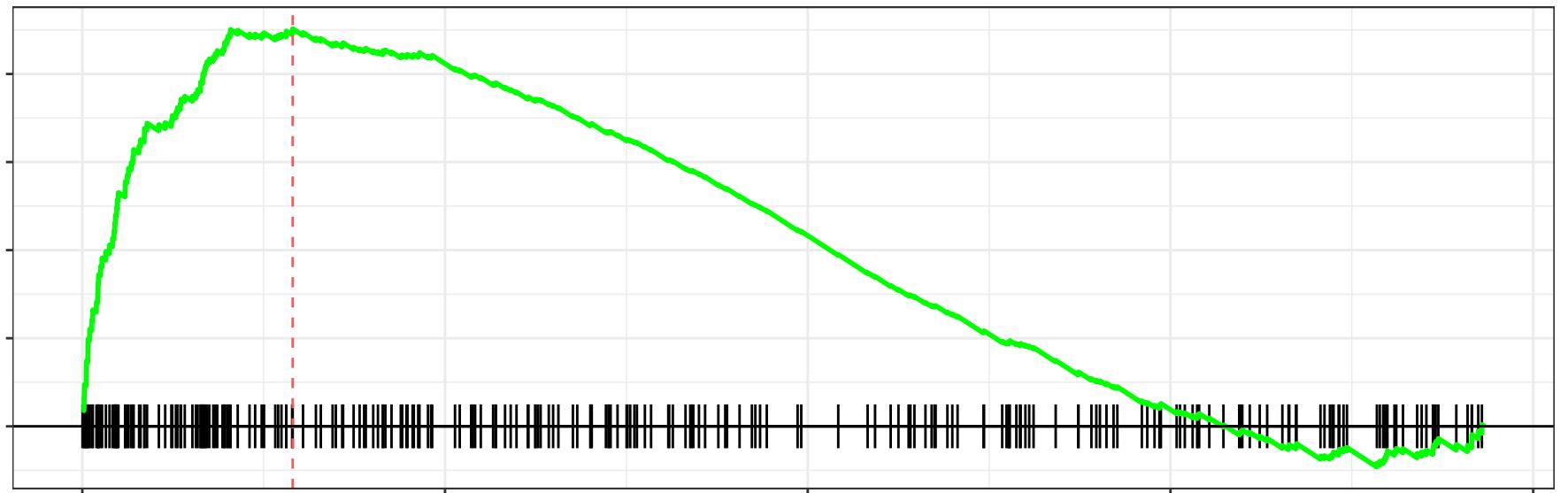
taxis

Ranked List Metric

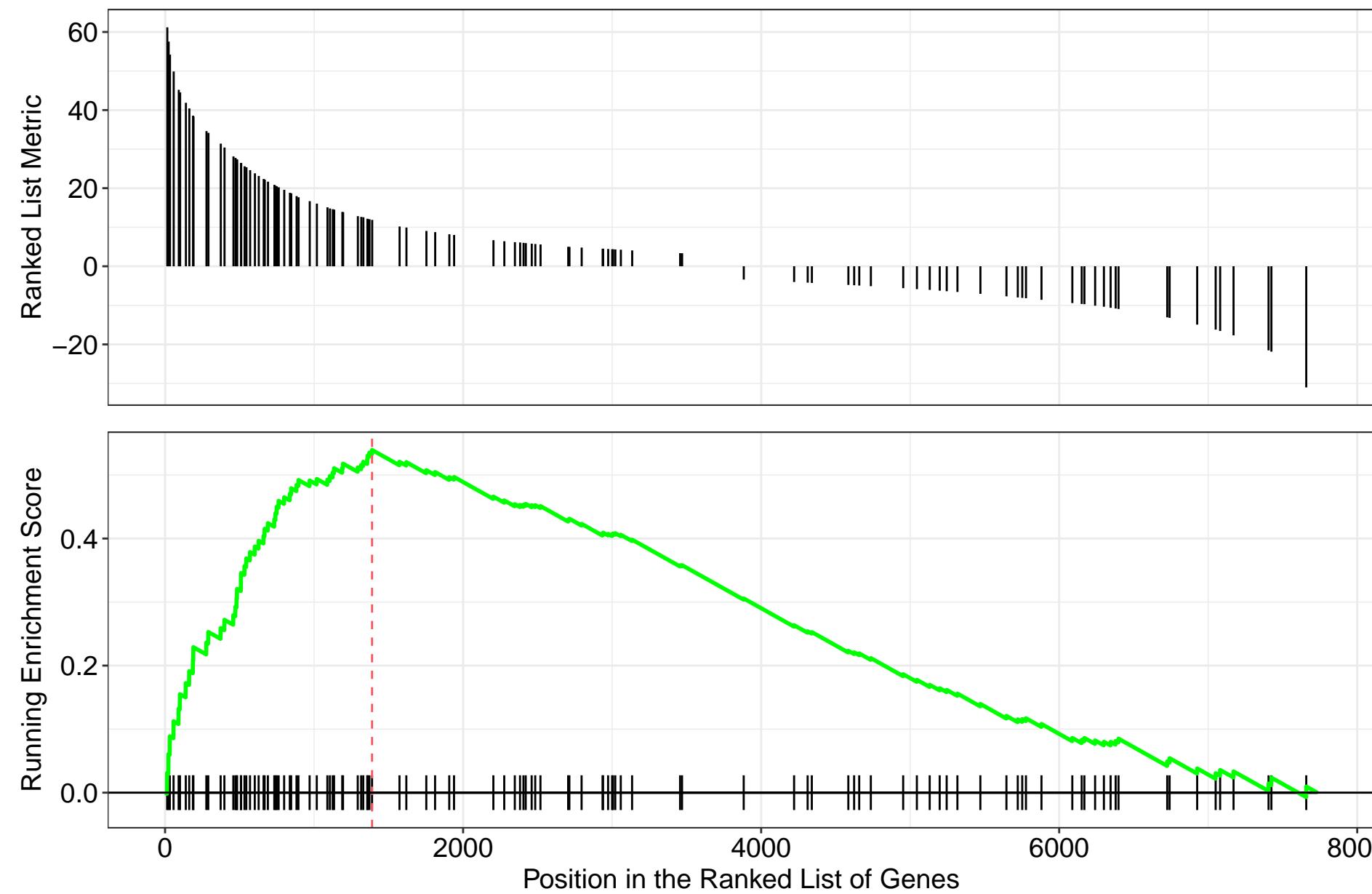


Running Enrichment Score

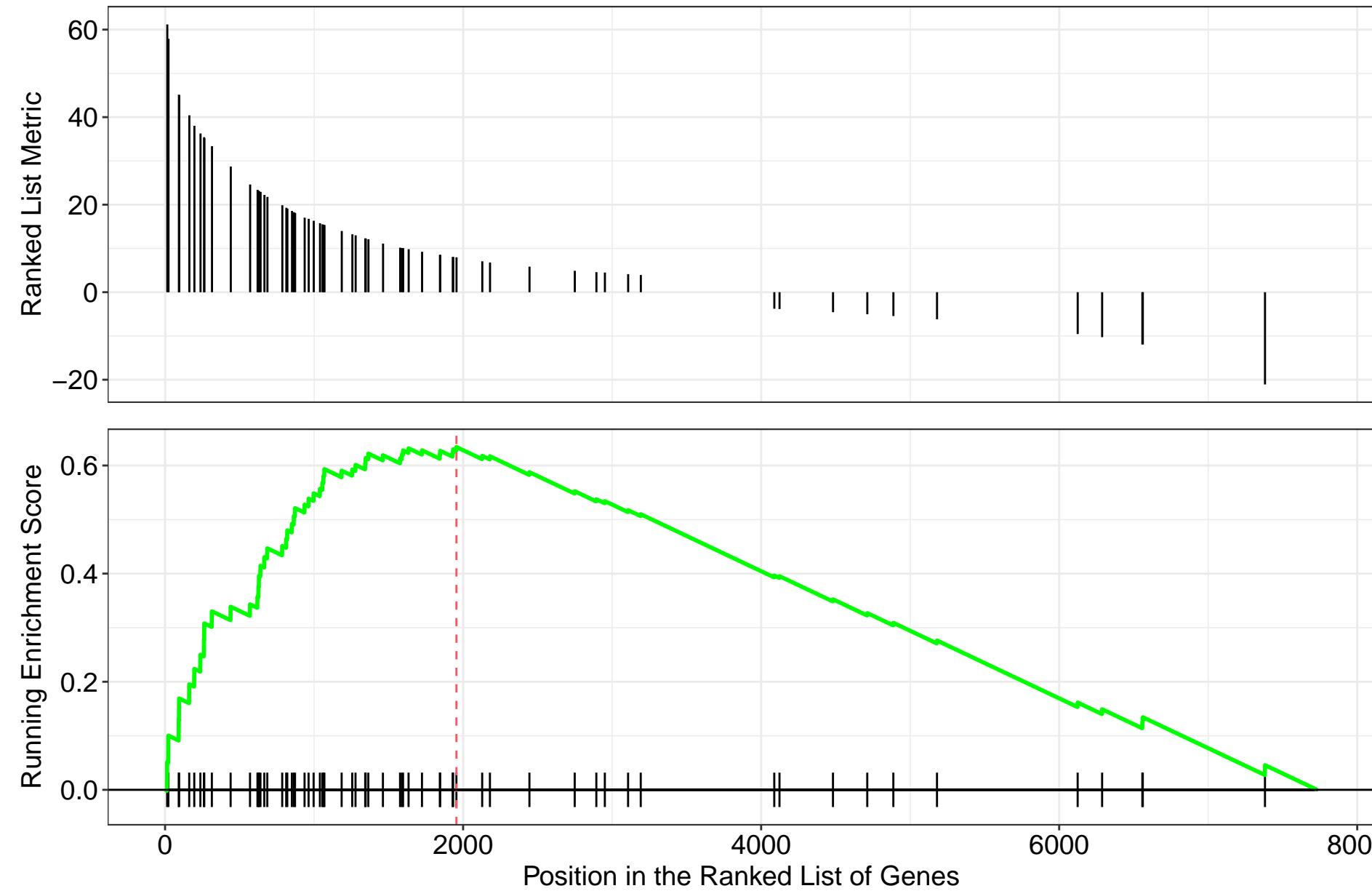
Position in the Ranked List of Genes



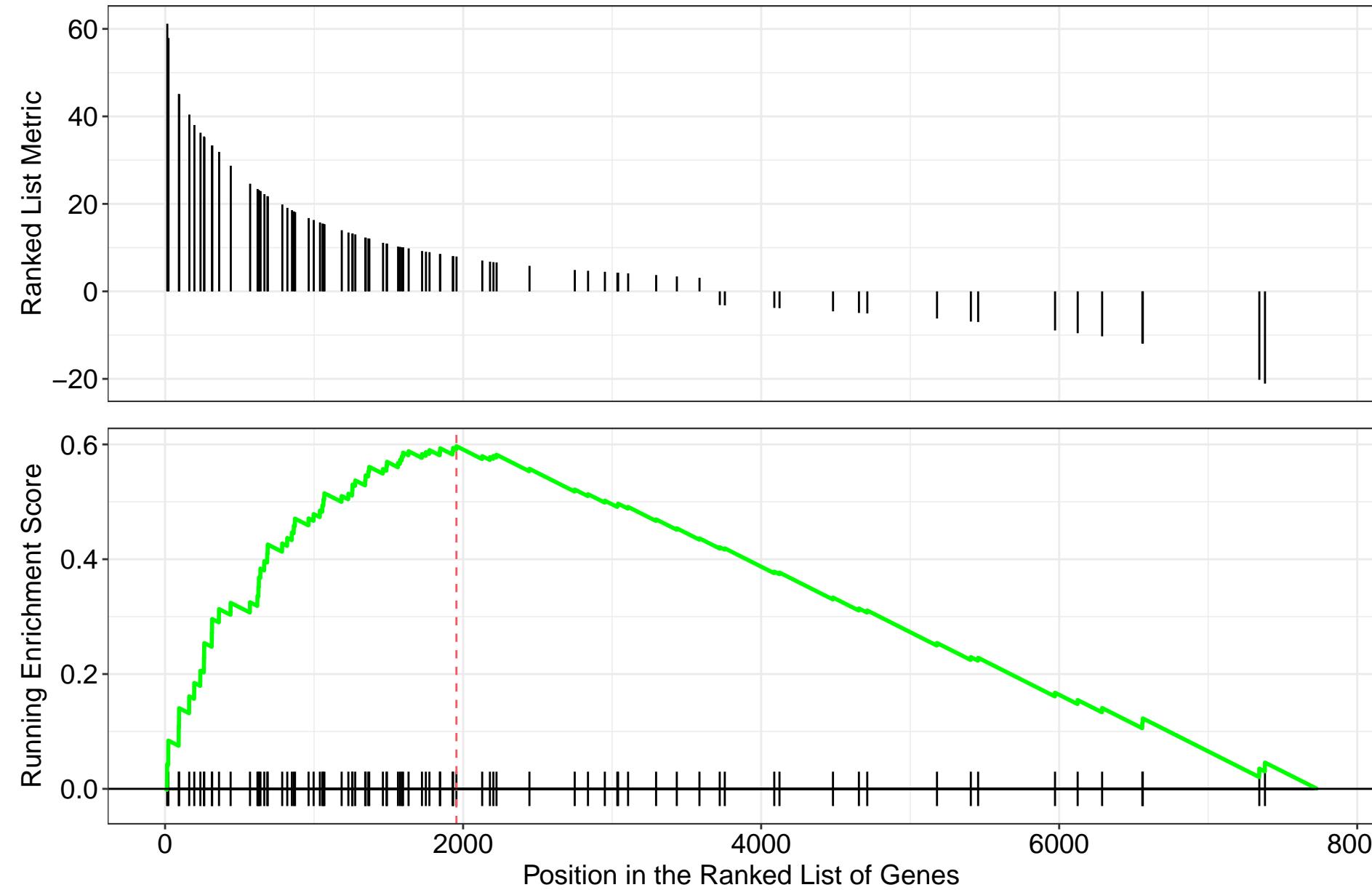
# regulation of lymphocyte mediated immunity



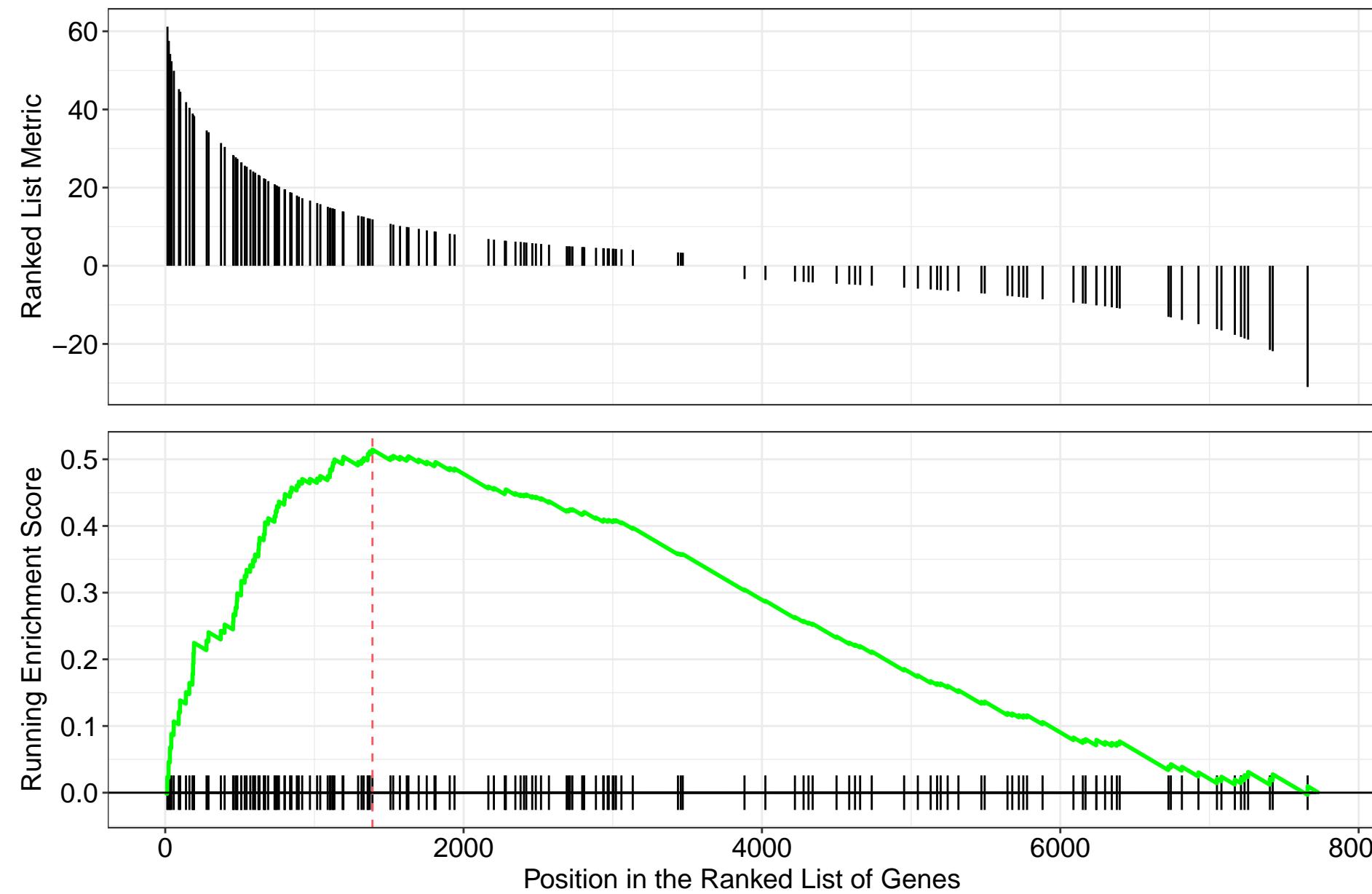
# negative regulation of viral process



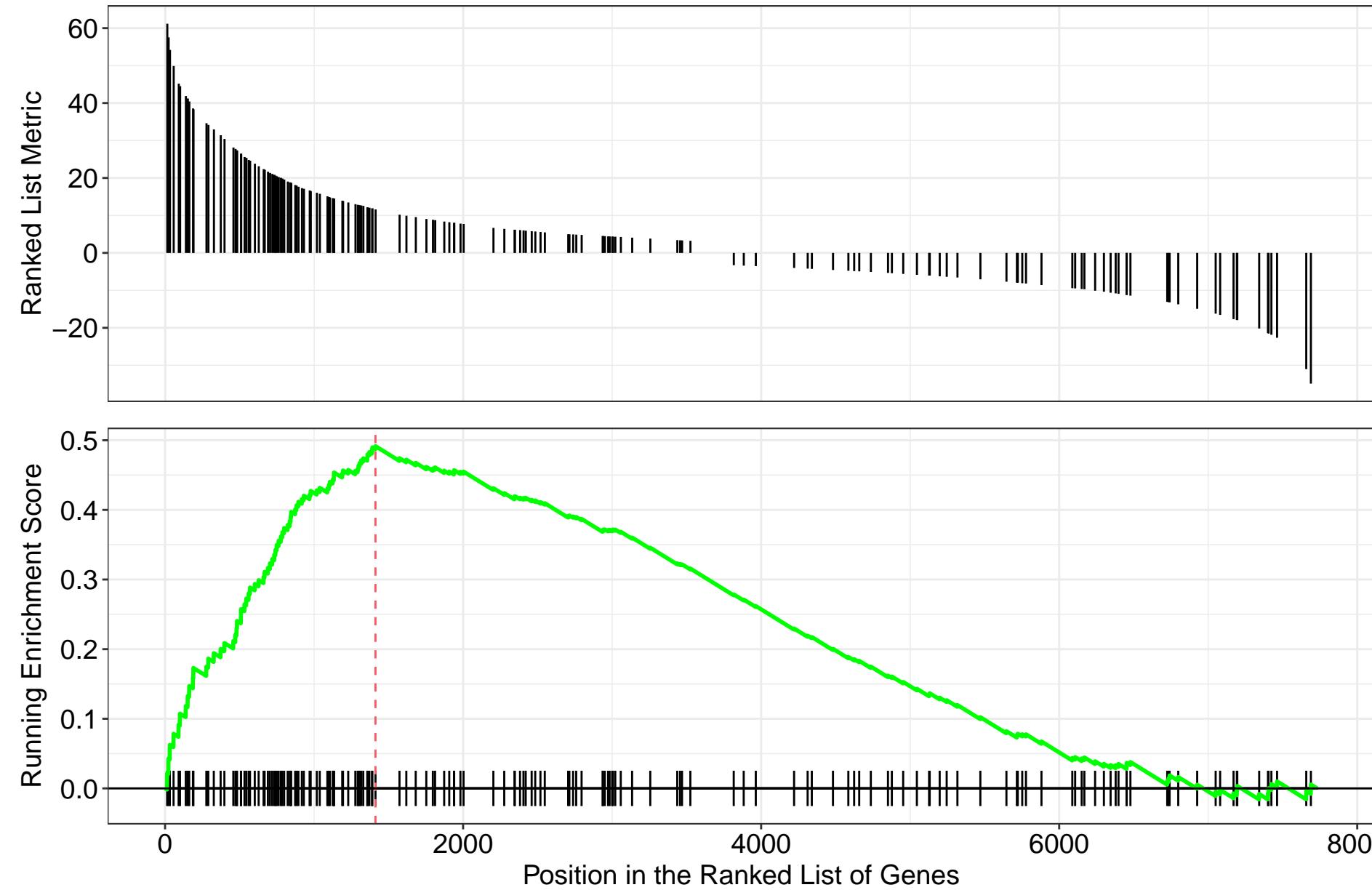
# regulation of viral life cycle



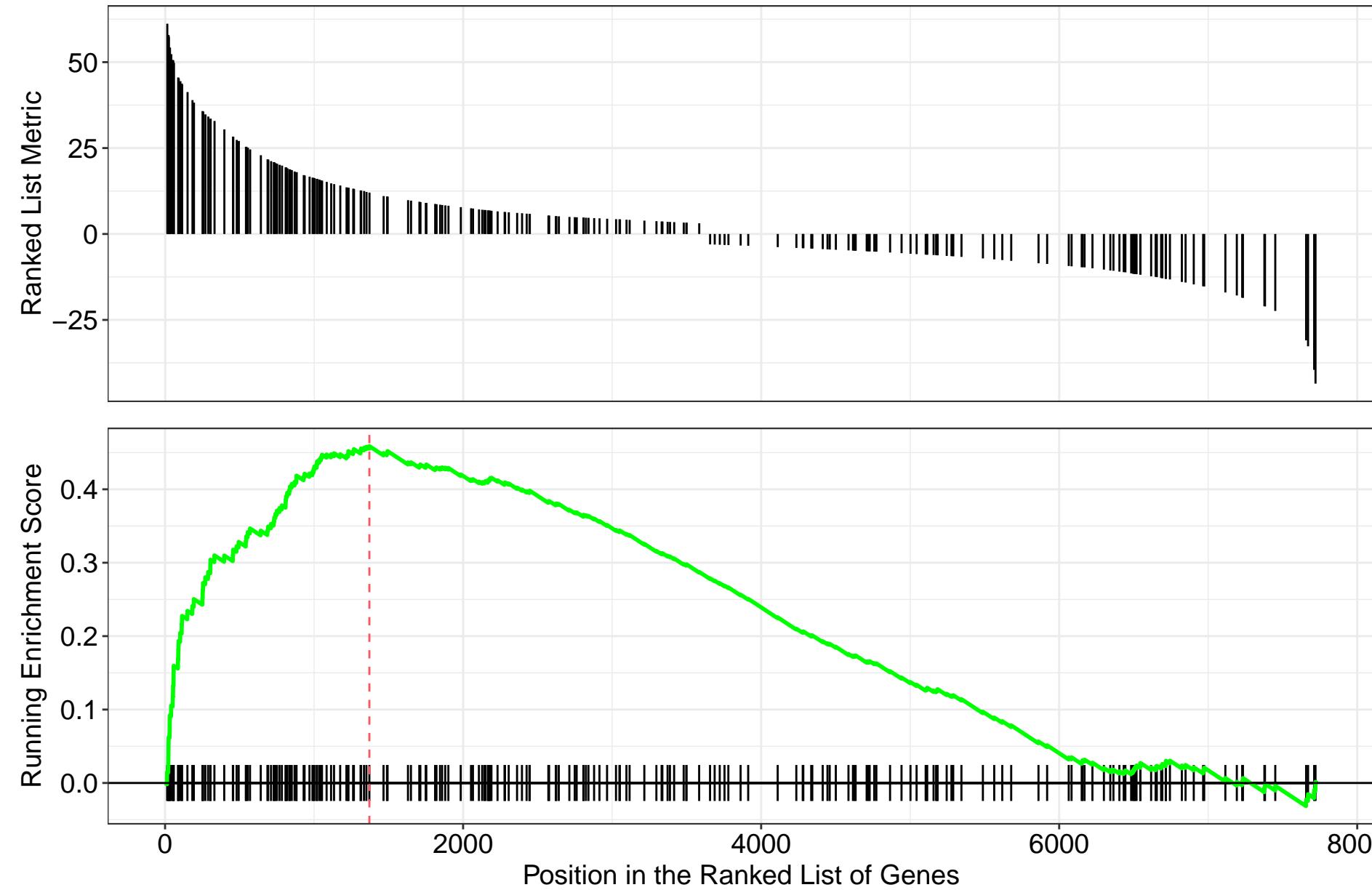
# regulation of leukocyte mediated immunity



# lymphocyte mediated immunity

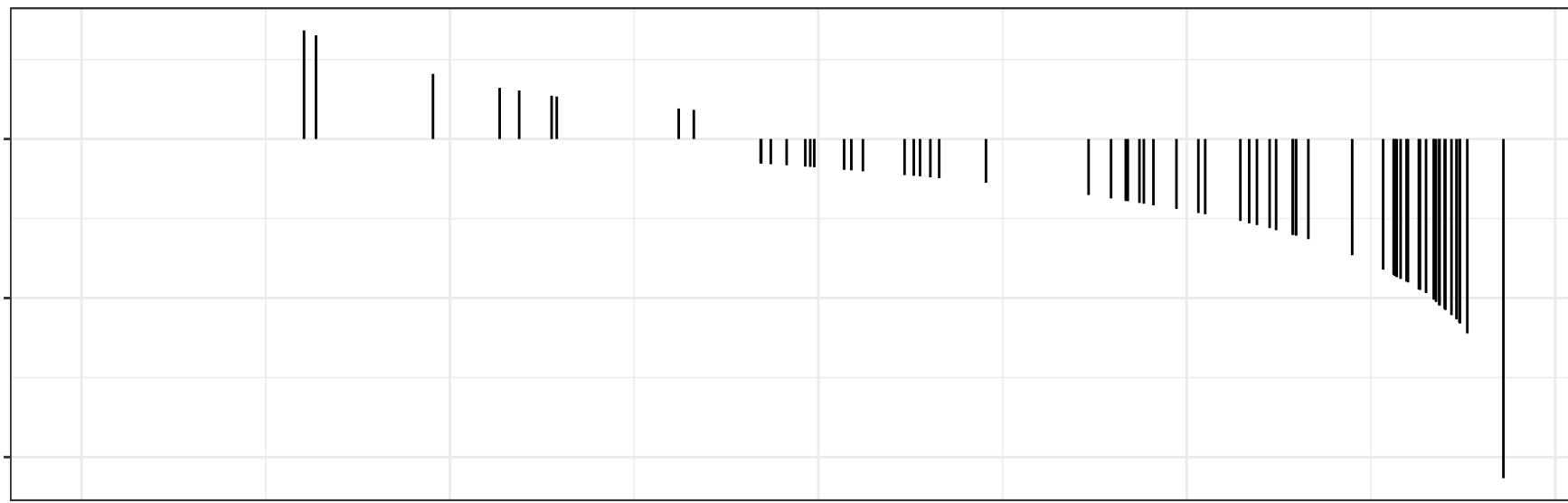


# cellular response to lipid



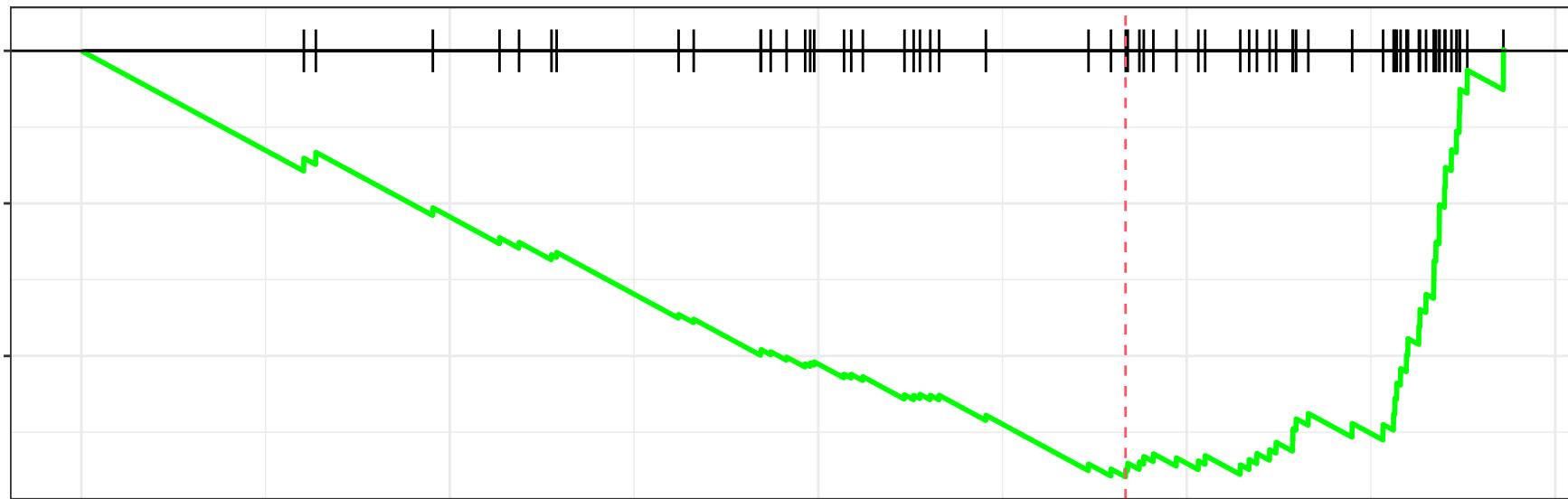
# chromosome separation

Ranked List Metric

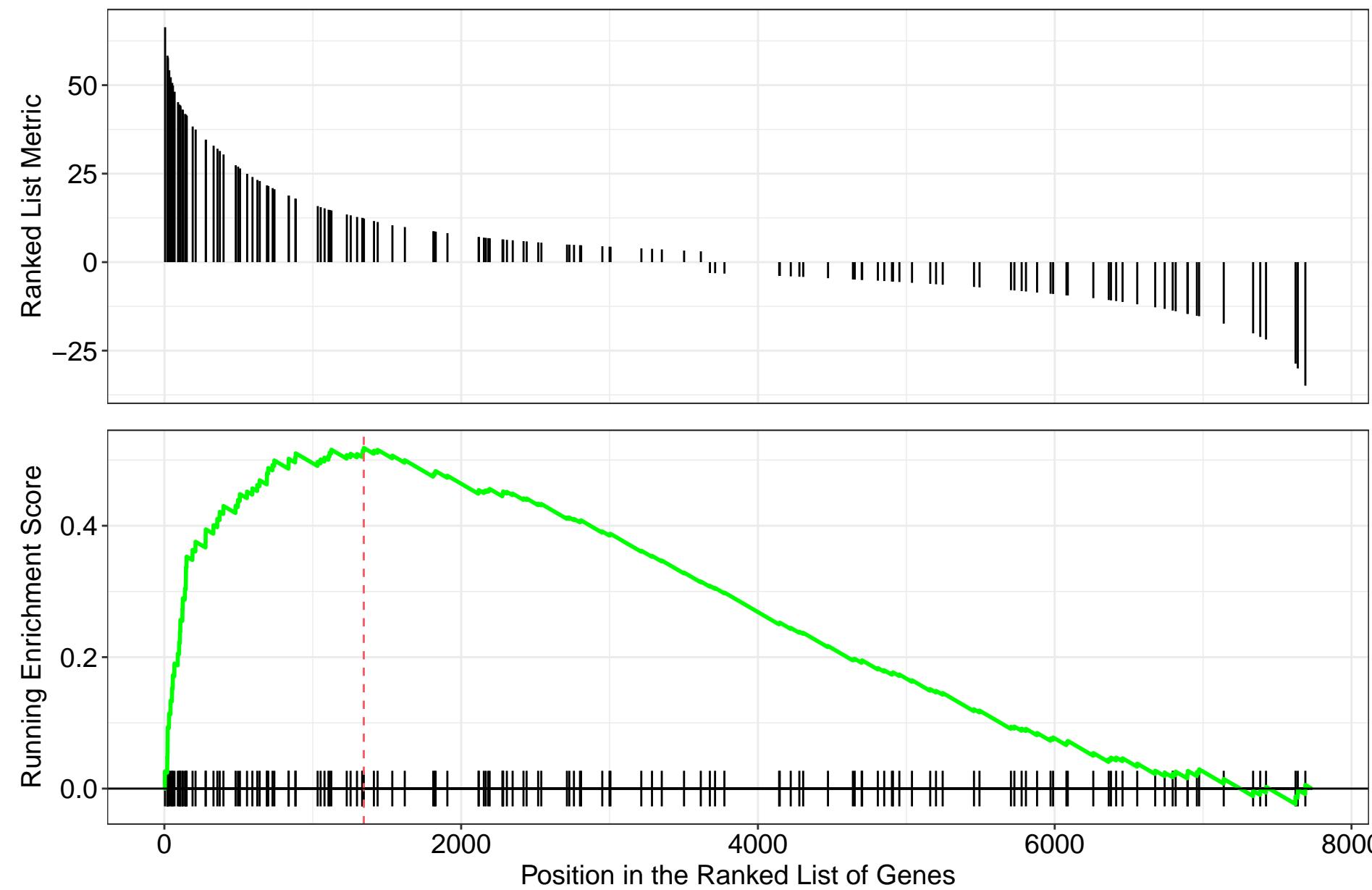


Running Enrichment Score

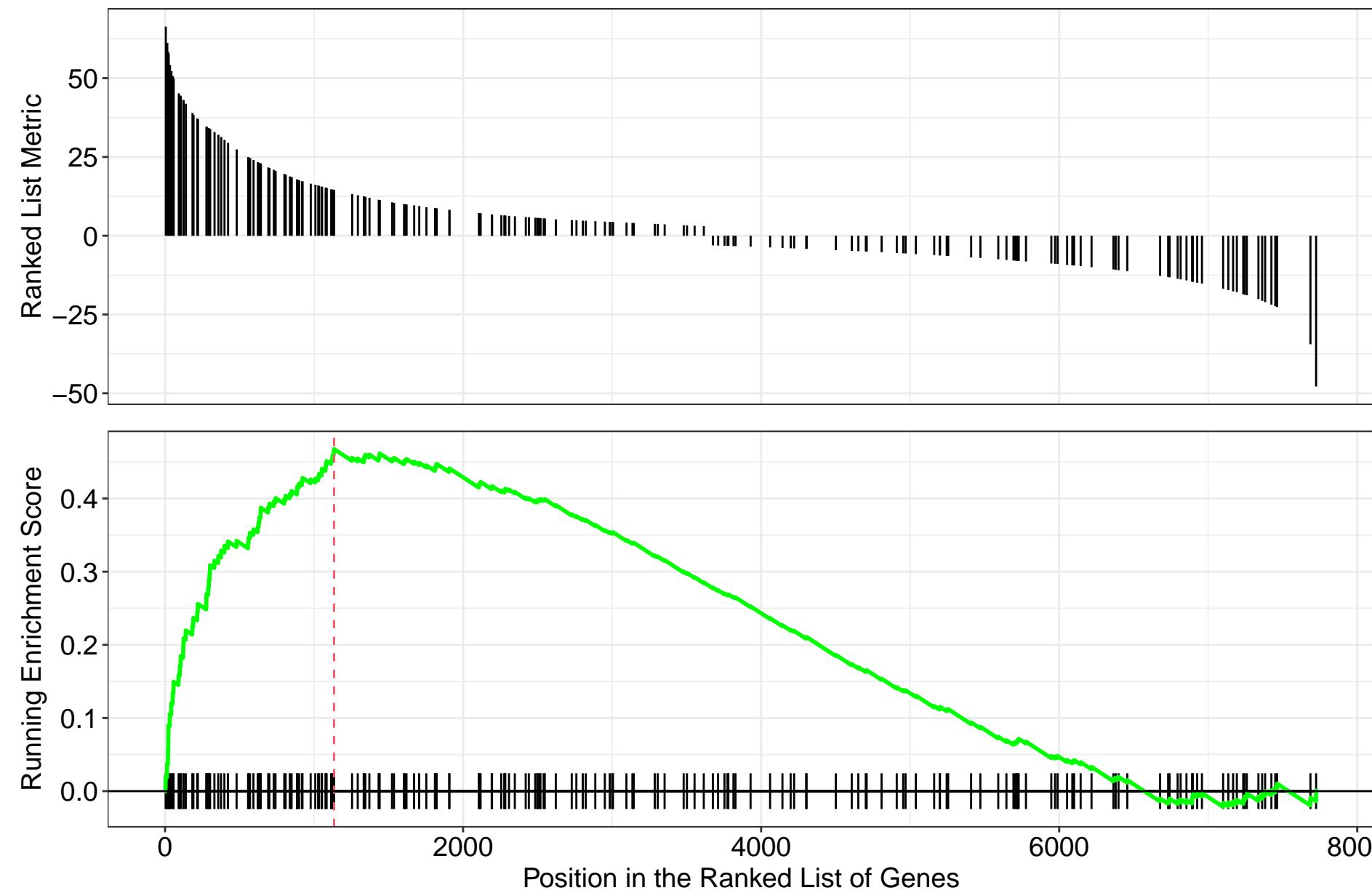
Position in the Ranked List of Genes



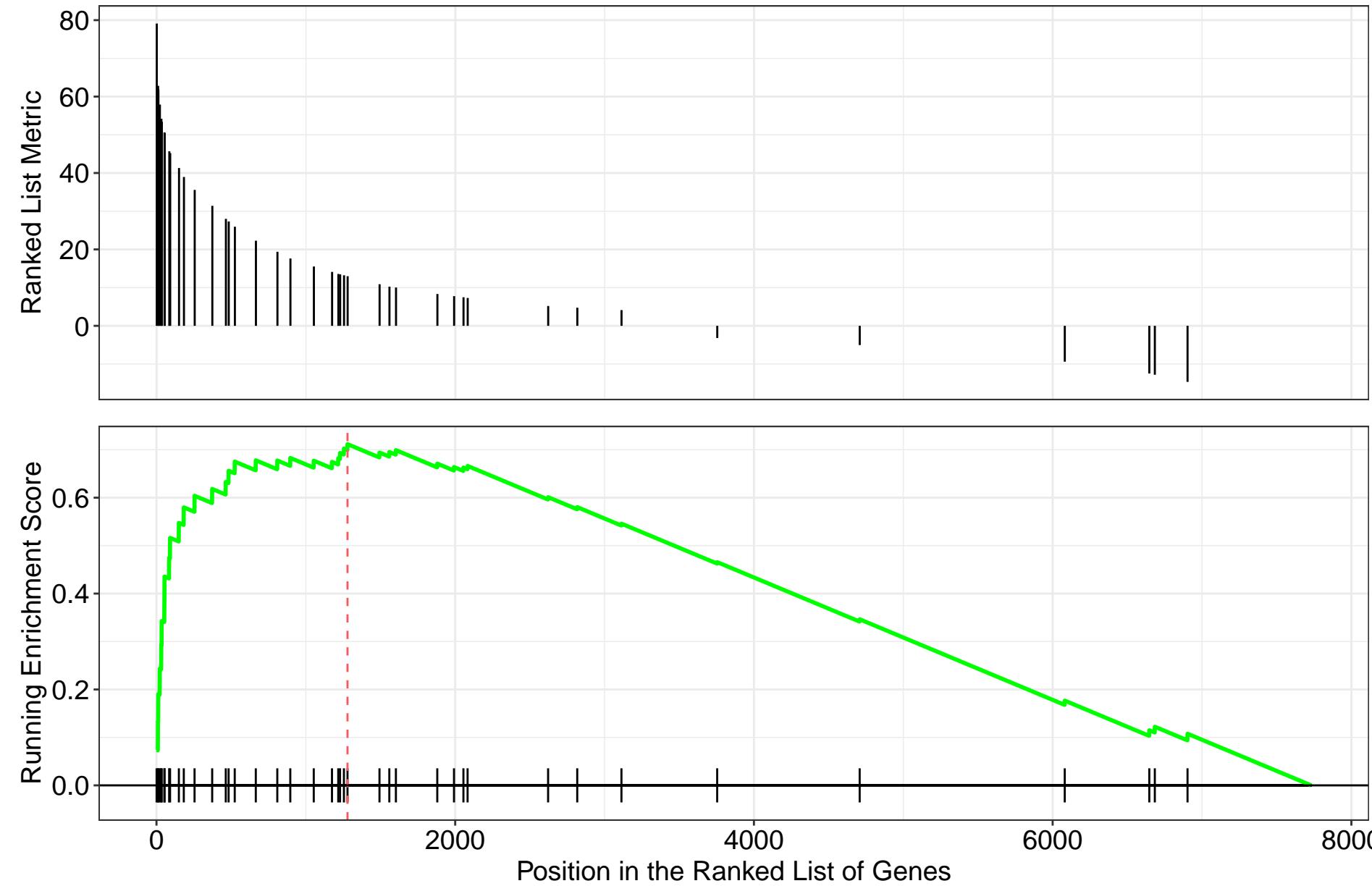
# regulation of leukocyte proliferation



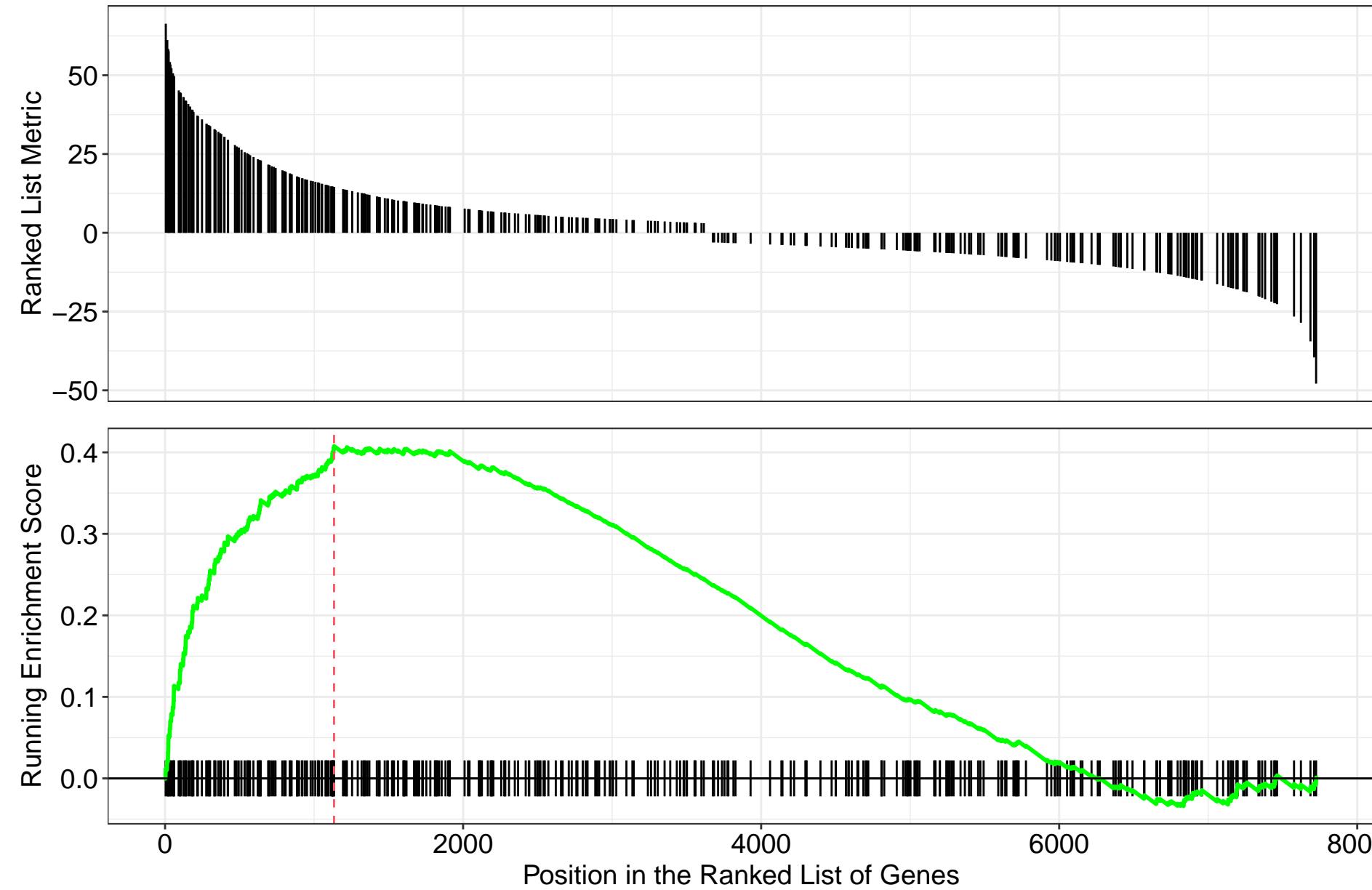
# leukocyte cell–cell adhesion



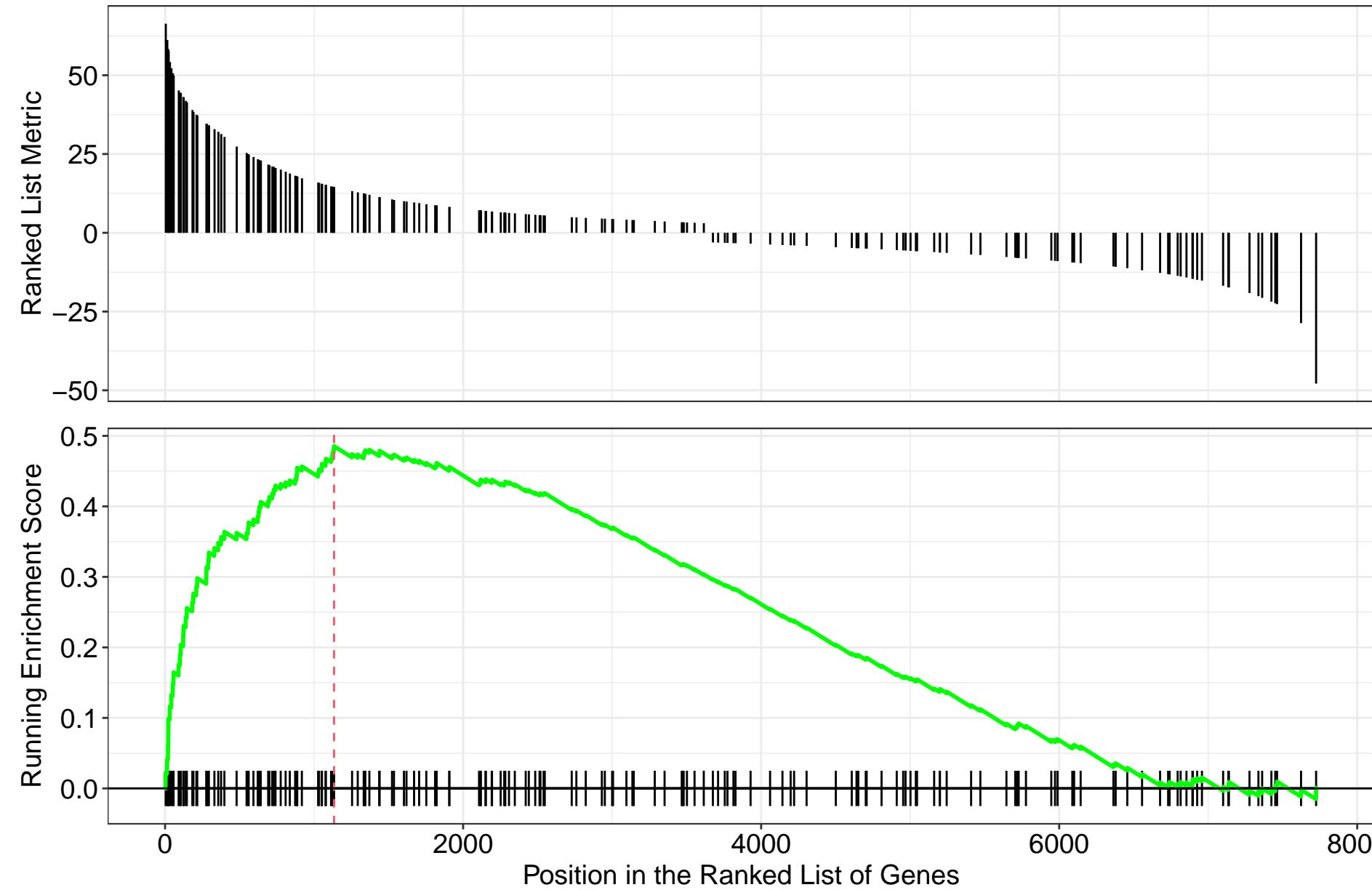
# cellular response to interleukin-1



# cell–cell adhesion

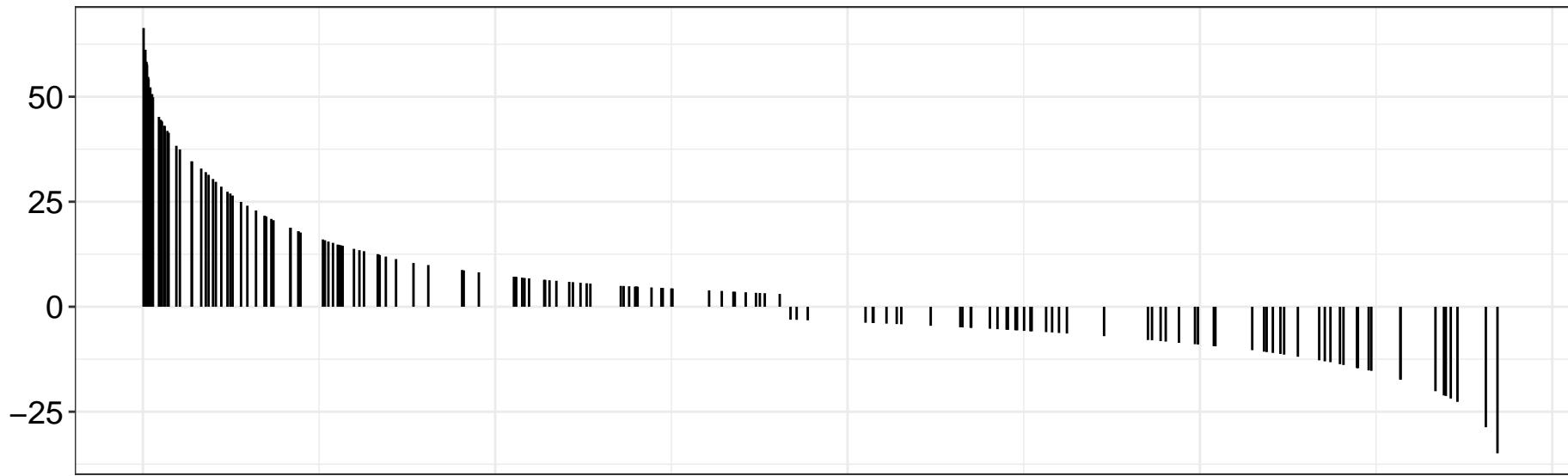


# regulation of T cell activation

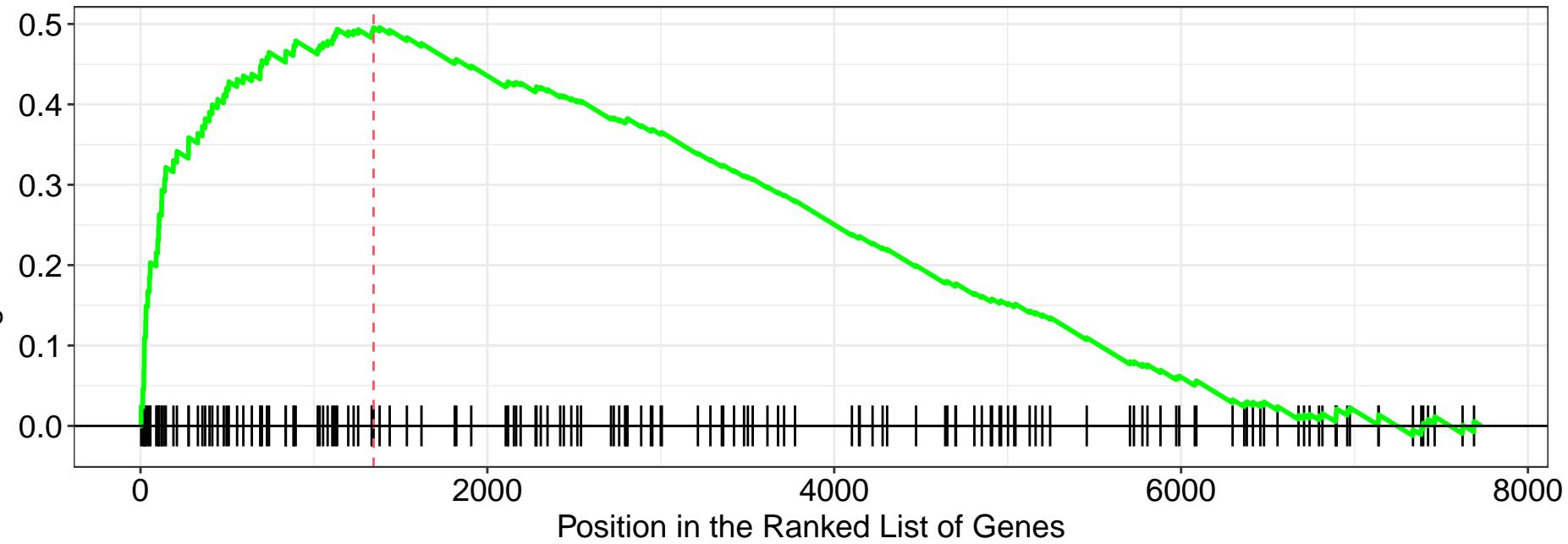


# lymphocyte proliferation

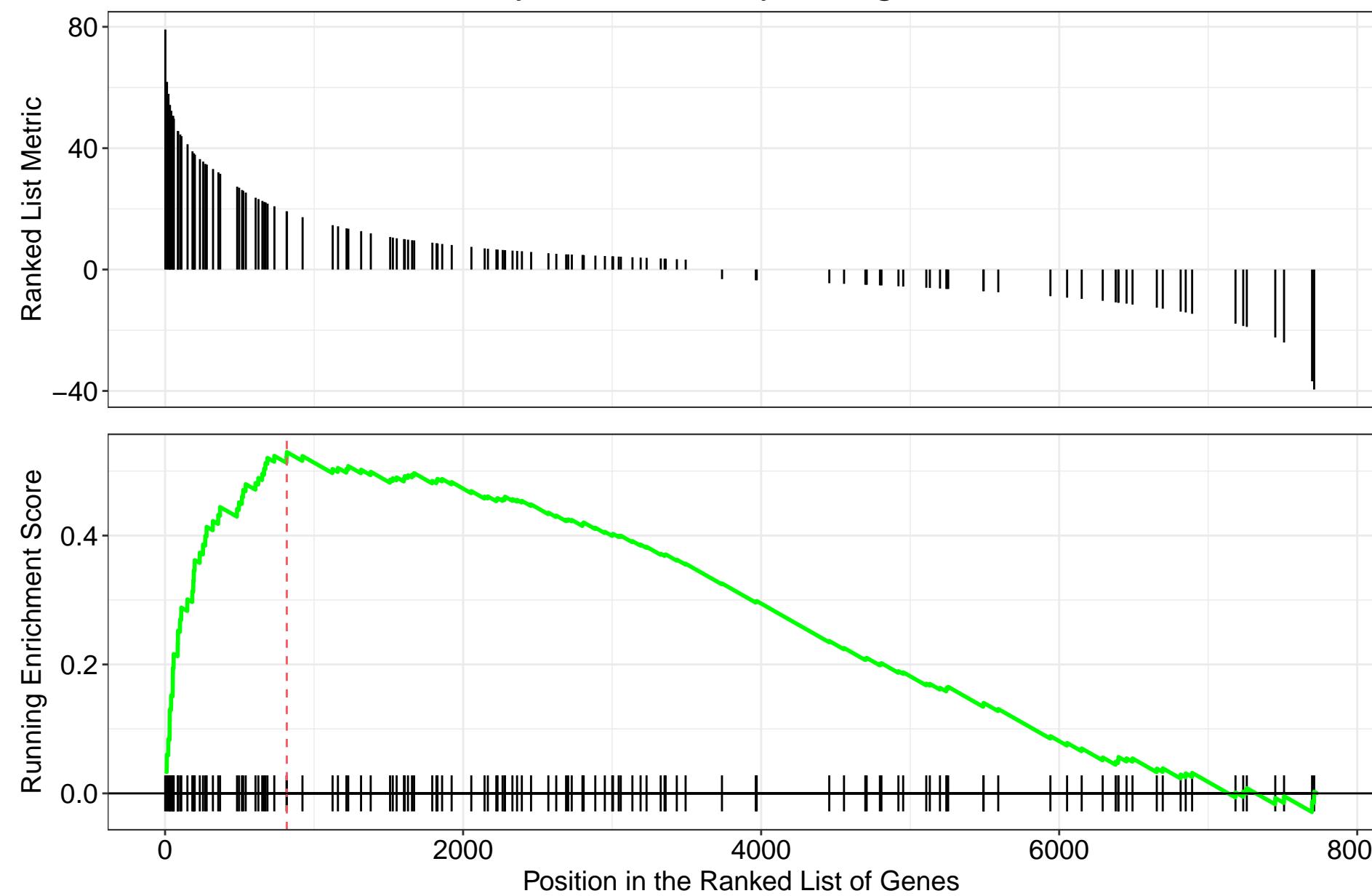
Ranked List Metric



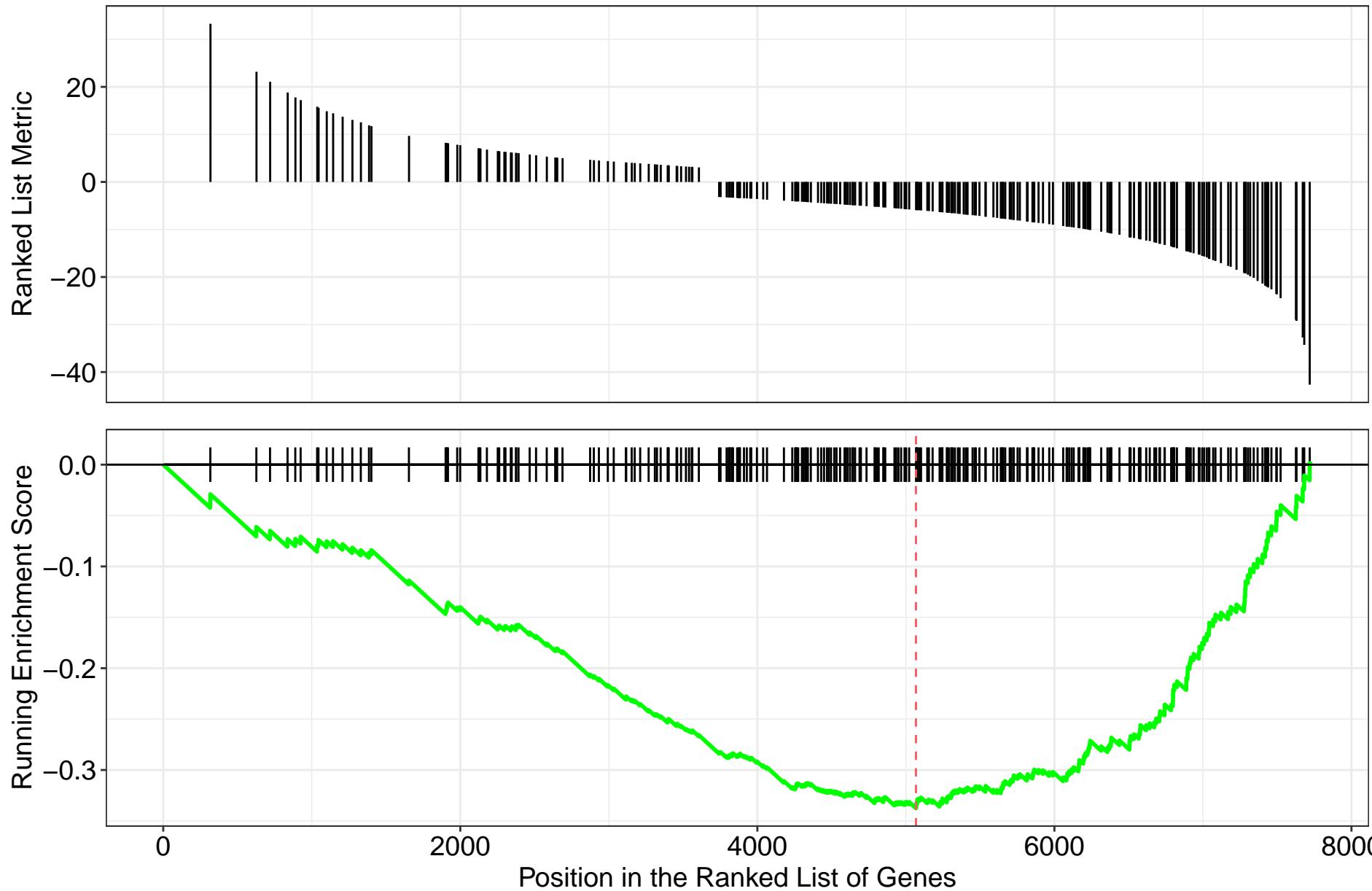
Running Enrichment Score



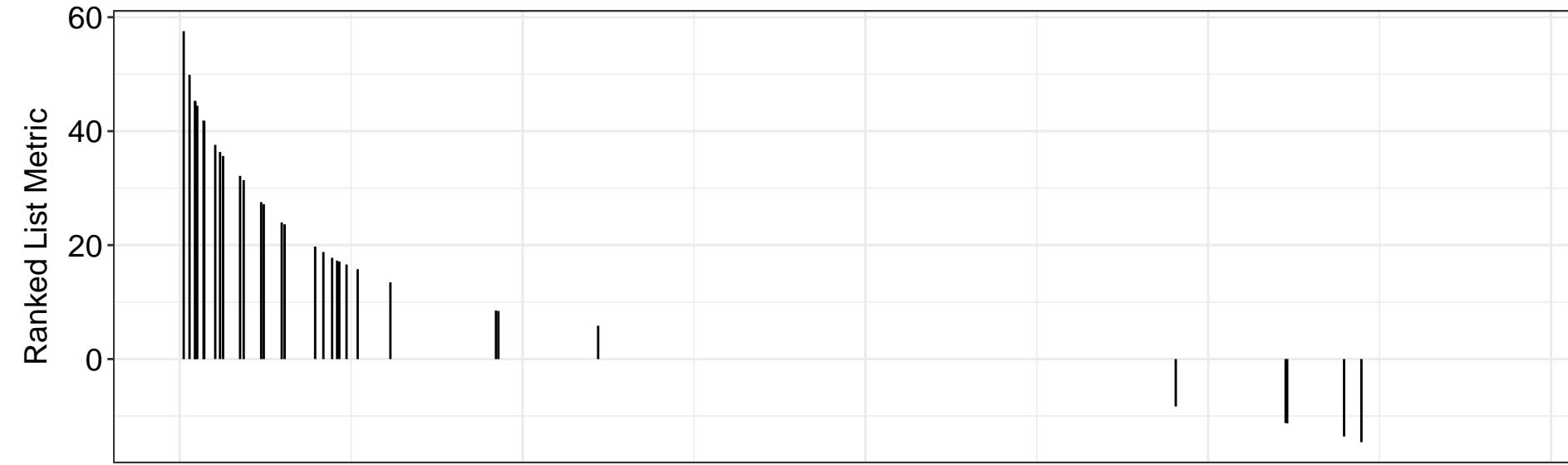
# myeloid leukocyte migration



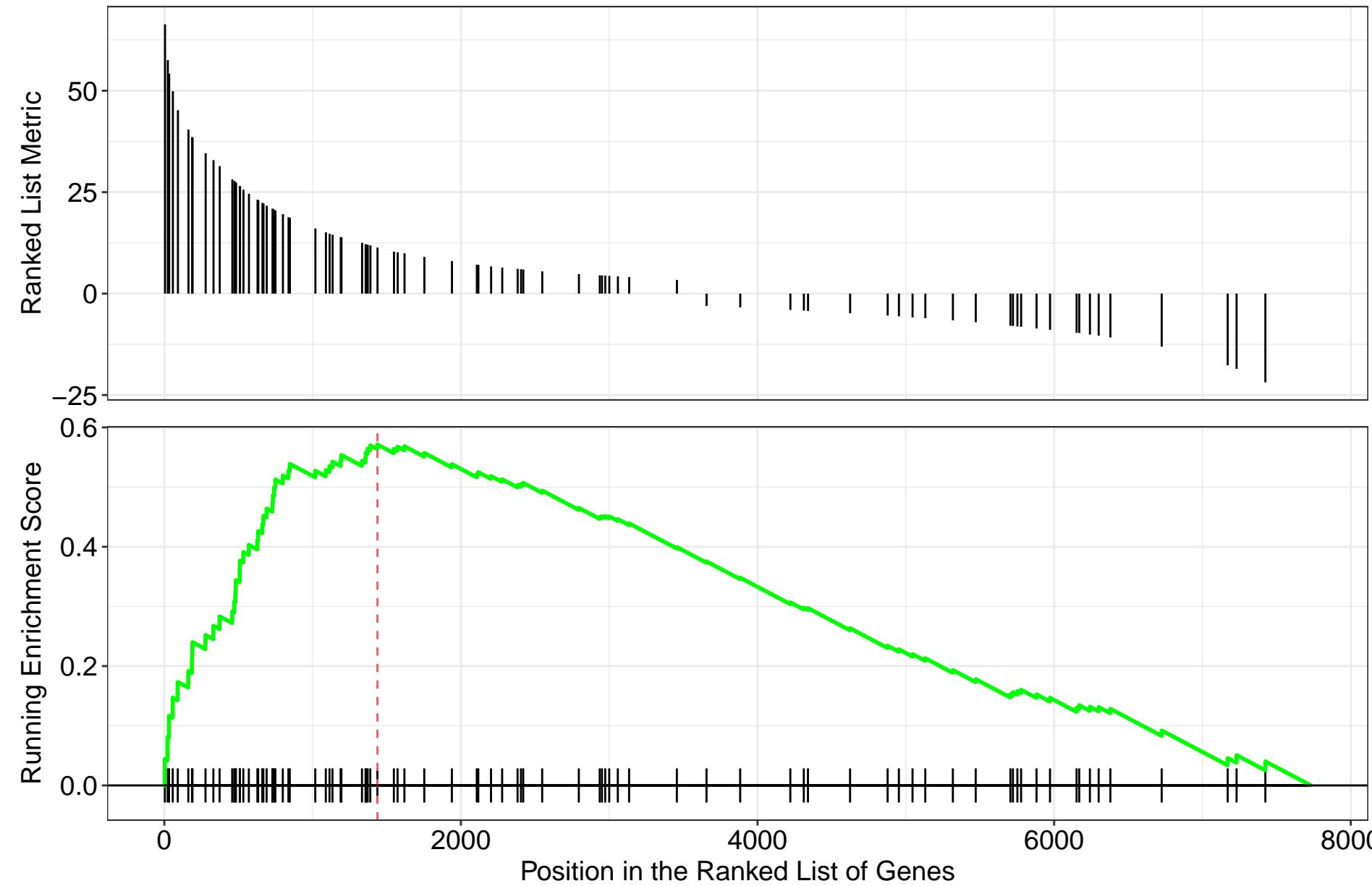
# DNA repair



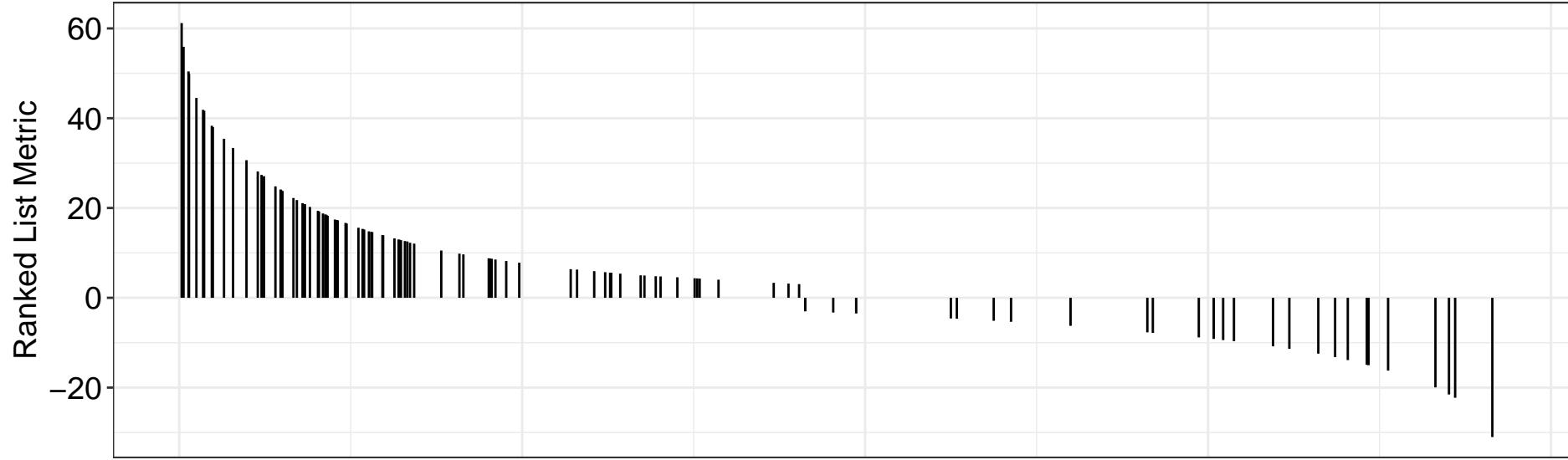
# response to protozoan



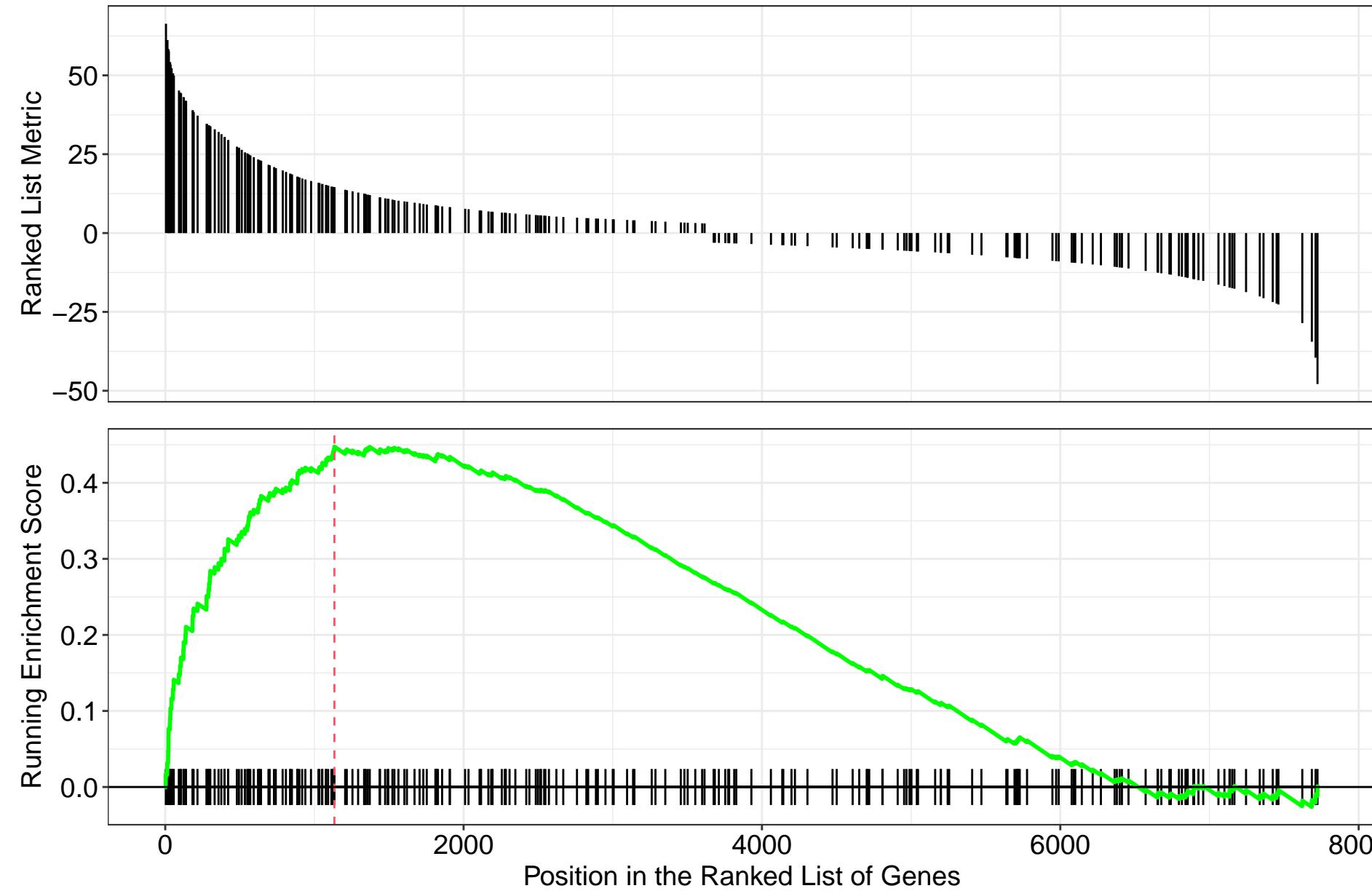
# positive regulation of adaptive immune response



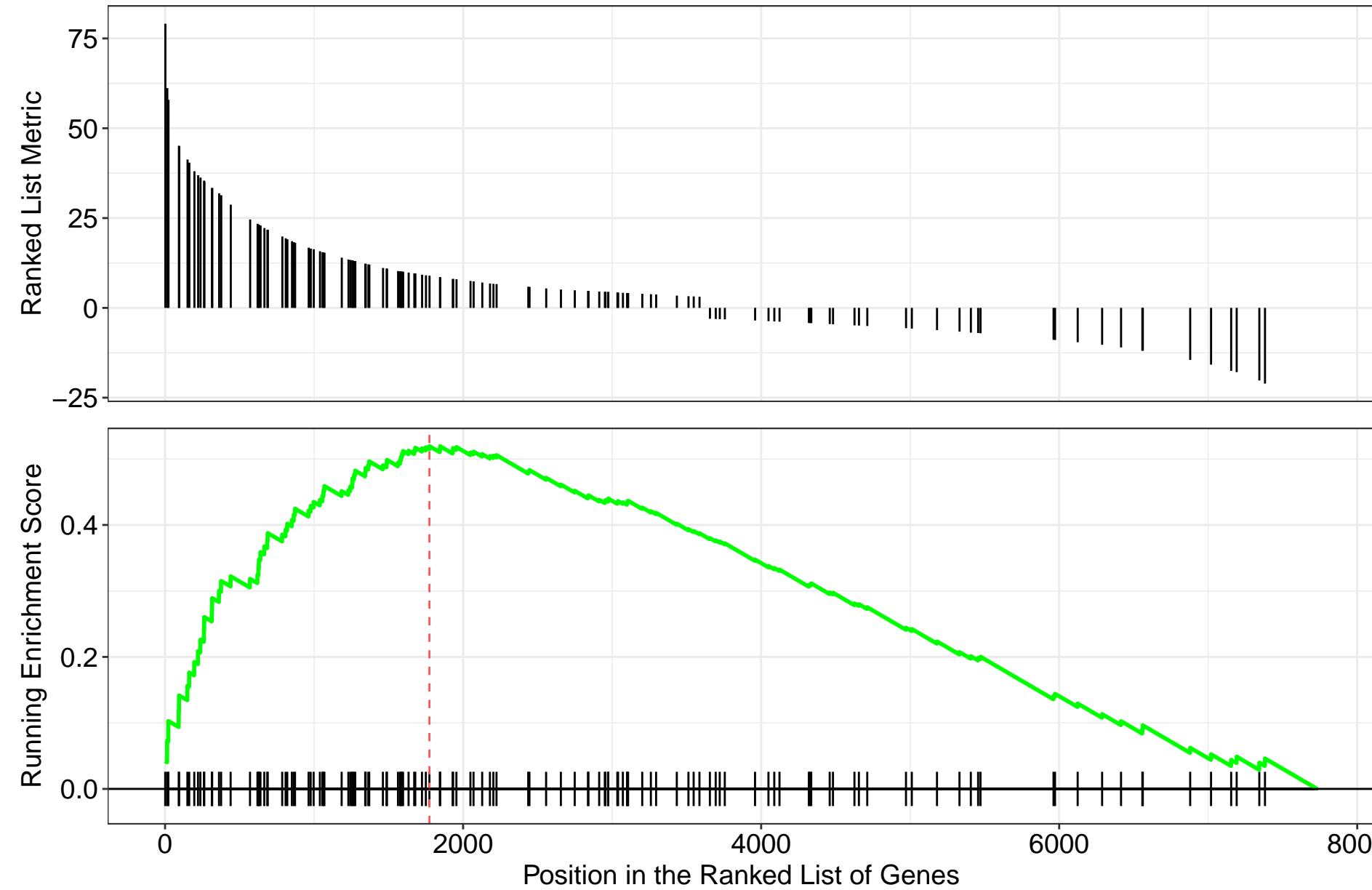
# negative regulation of immune response



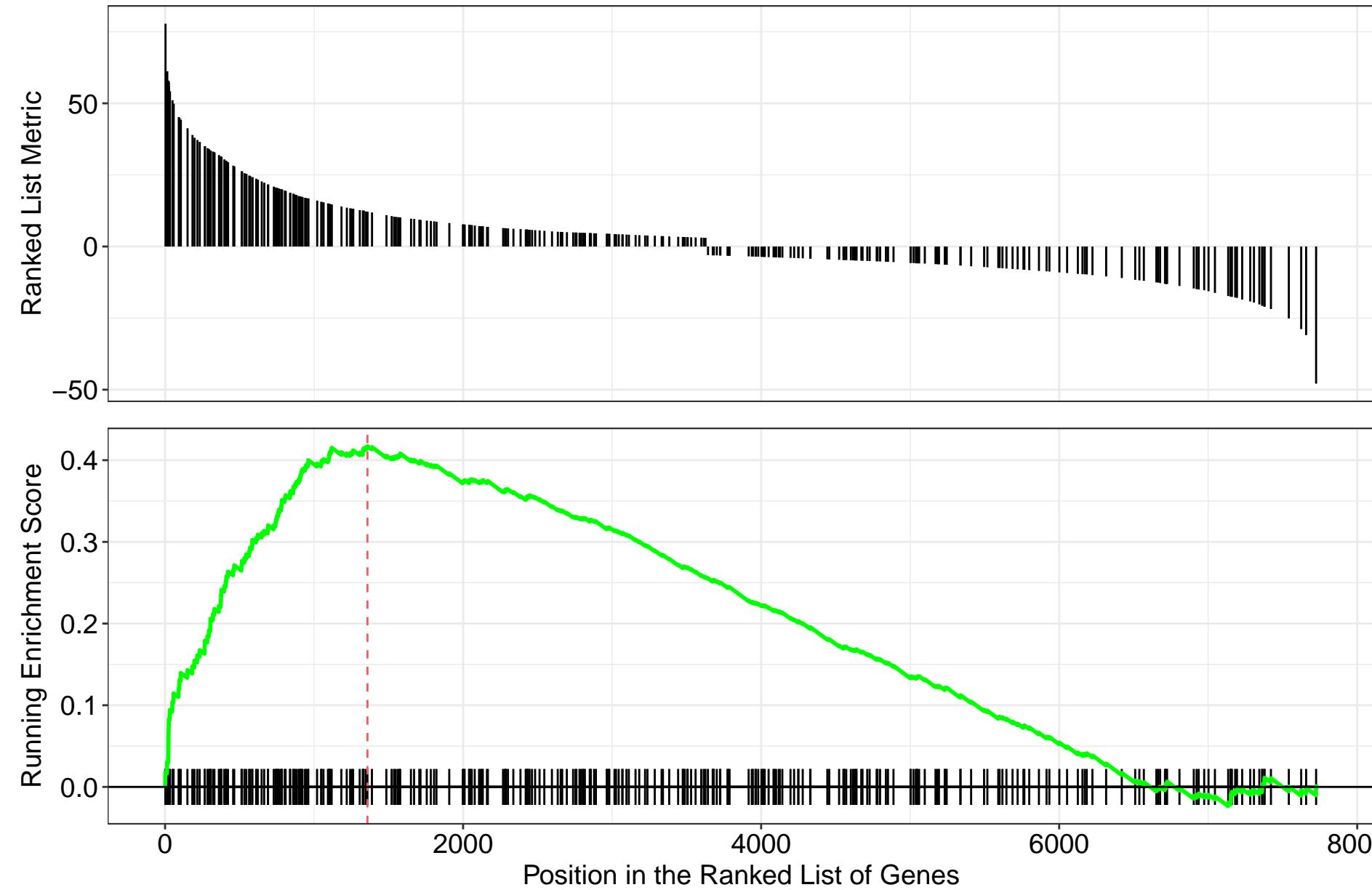
# regulation of cell–cell adhesion



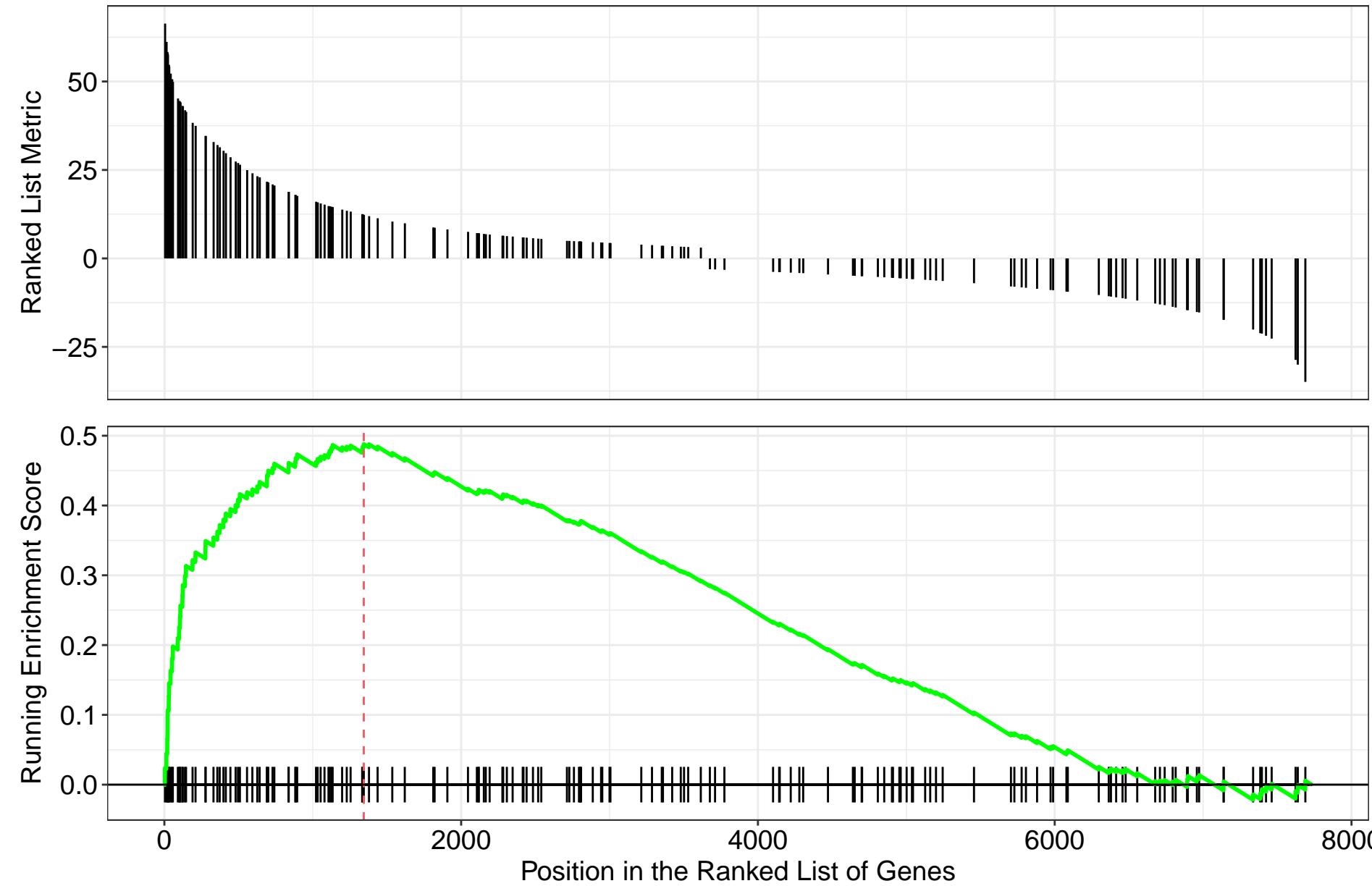
# viral life cycle



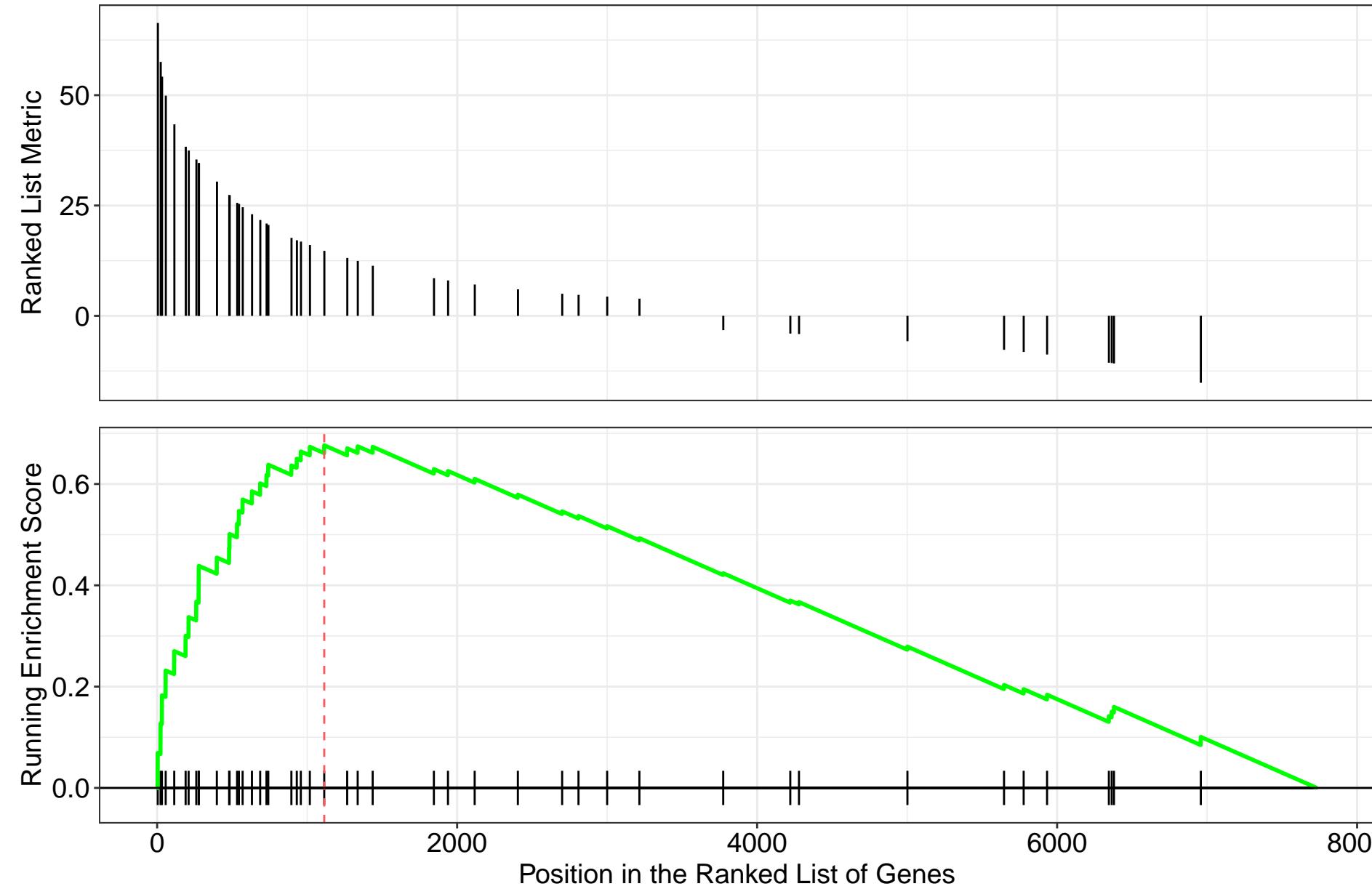
# positive regulation of cell death



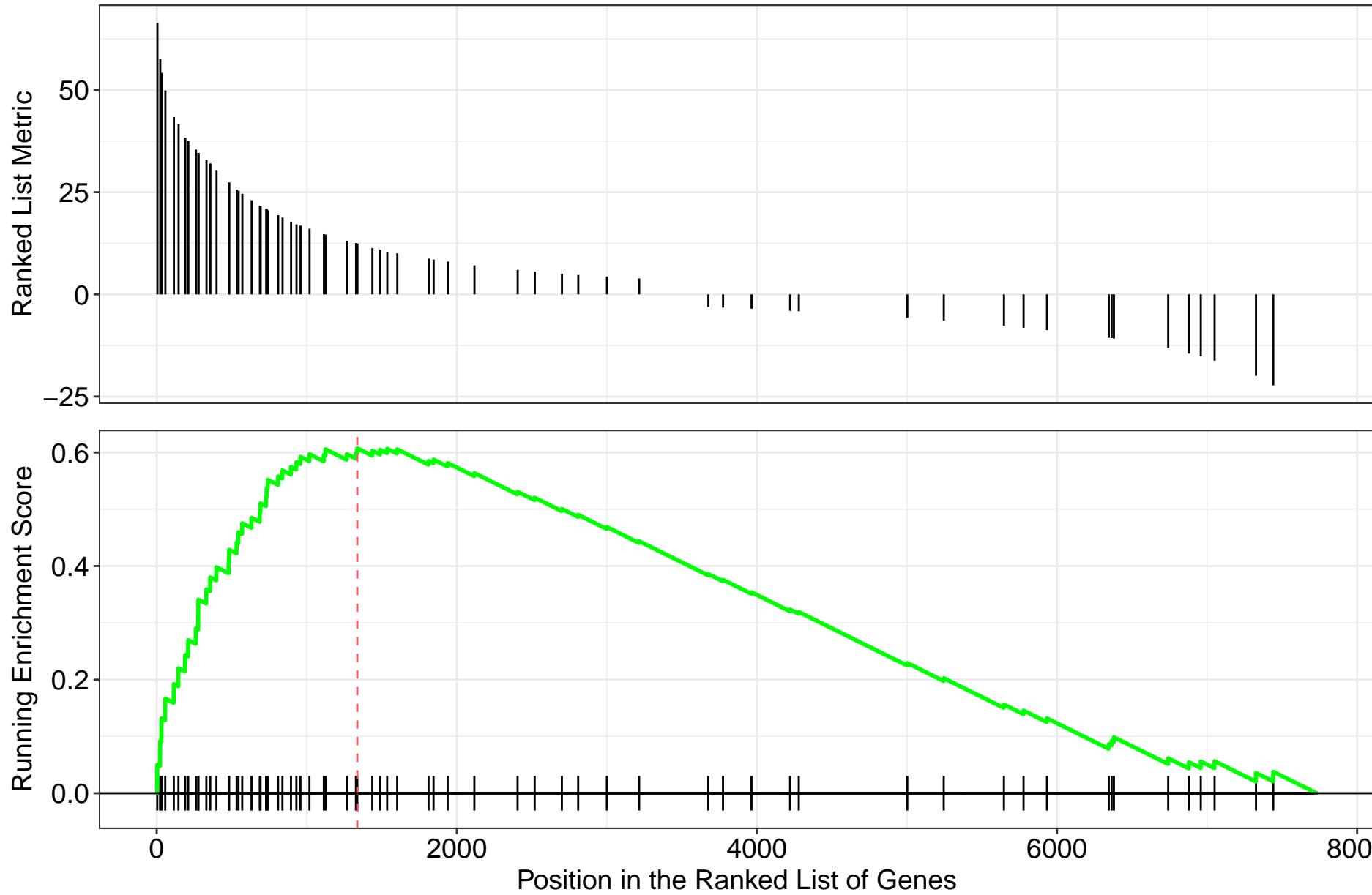
# mononuclear cell proliferation



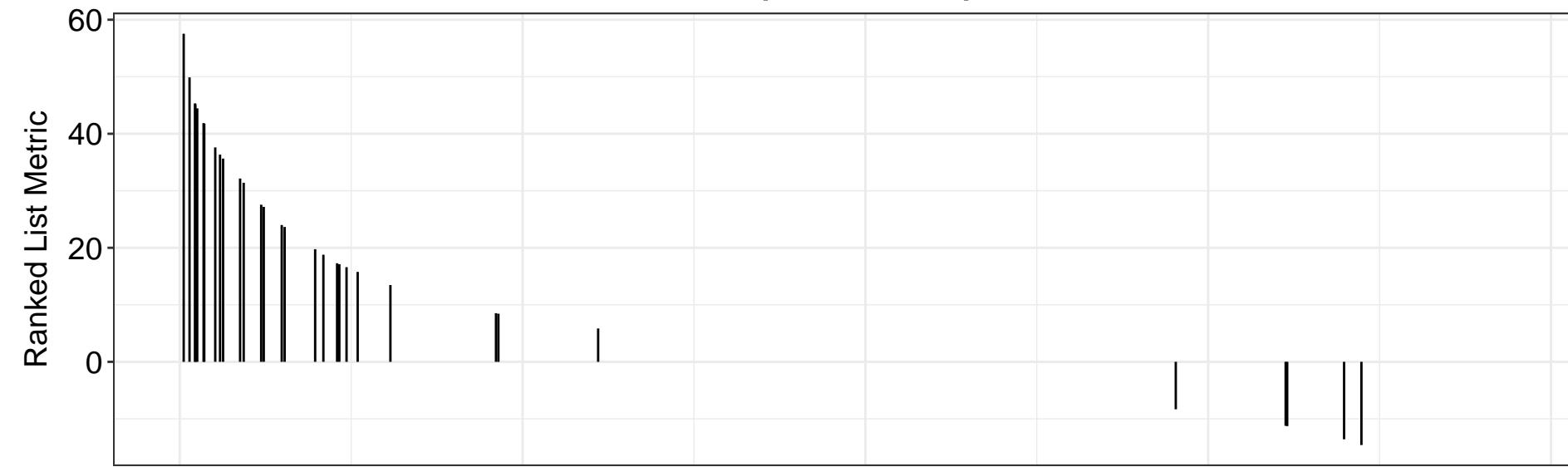
# positive regulation of interferon-gamma production



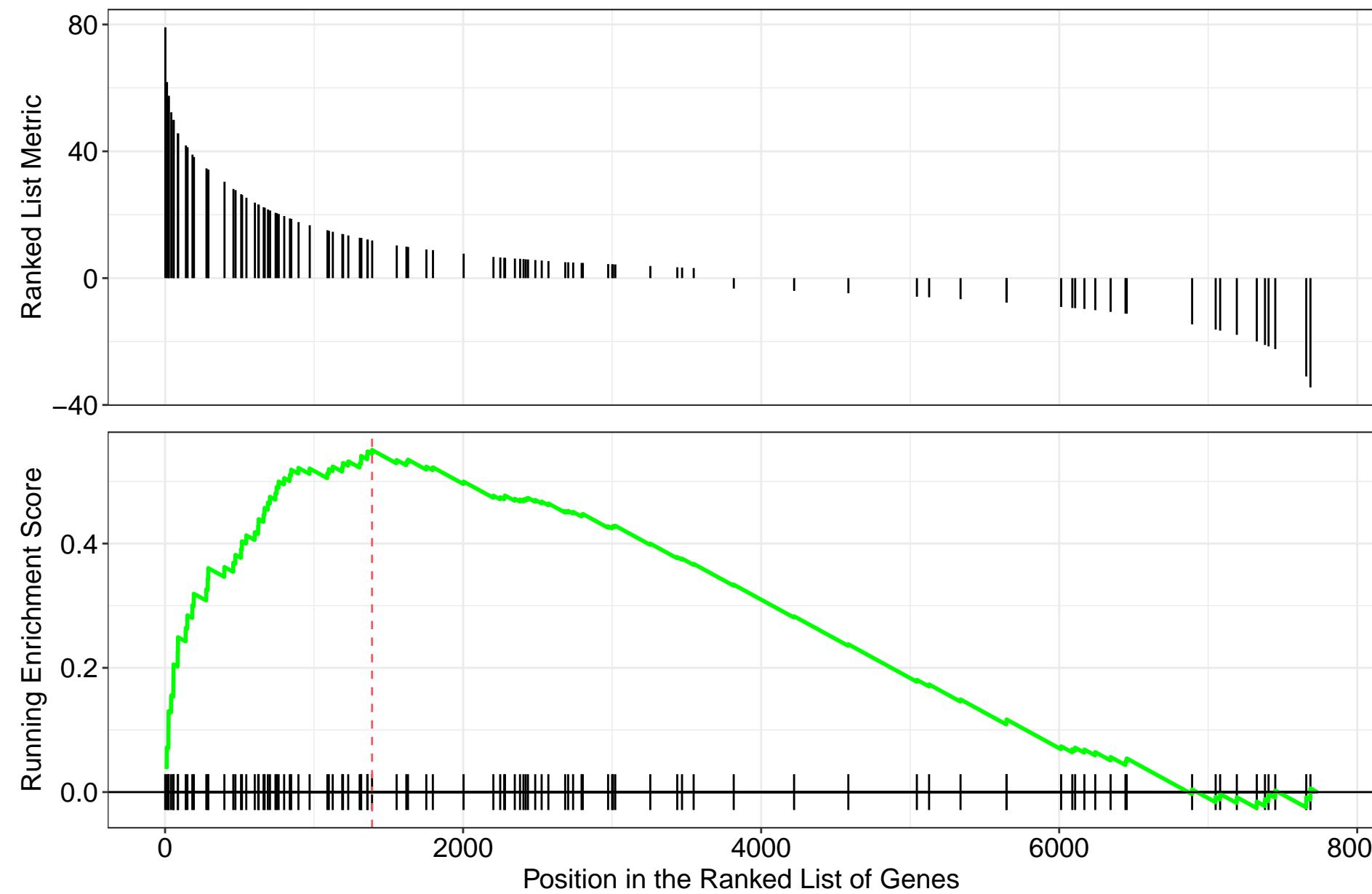
# regulation of interferon-gamma production



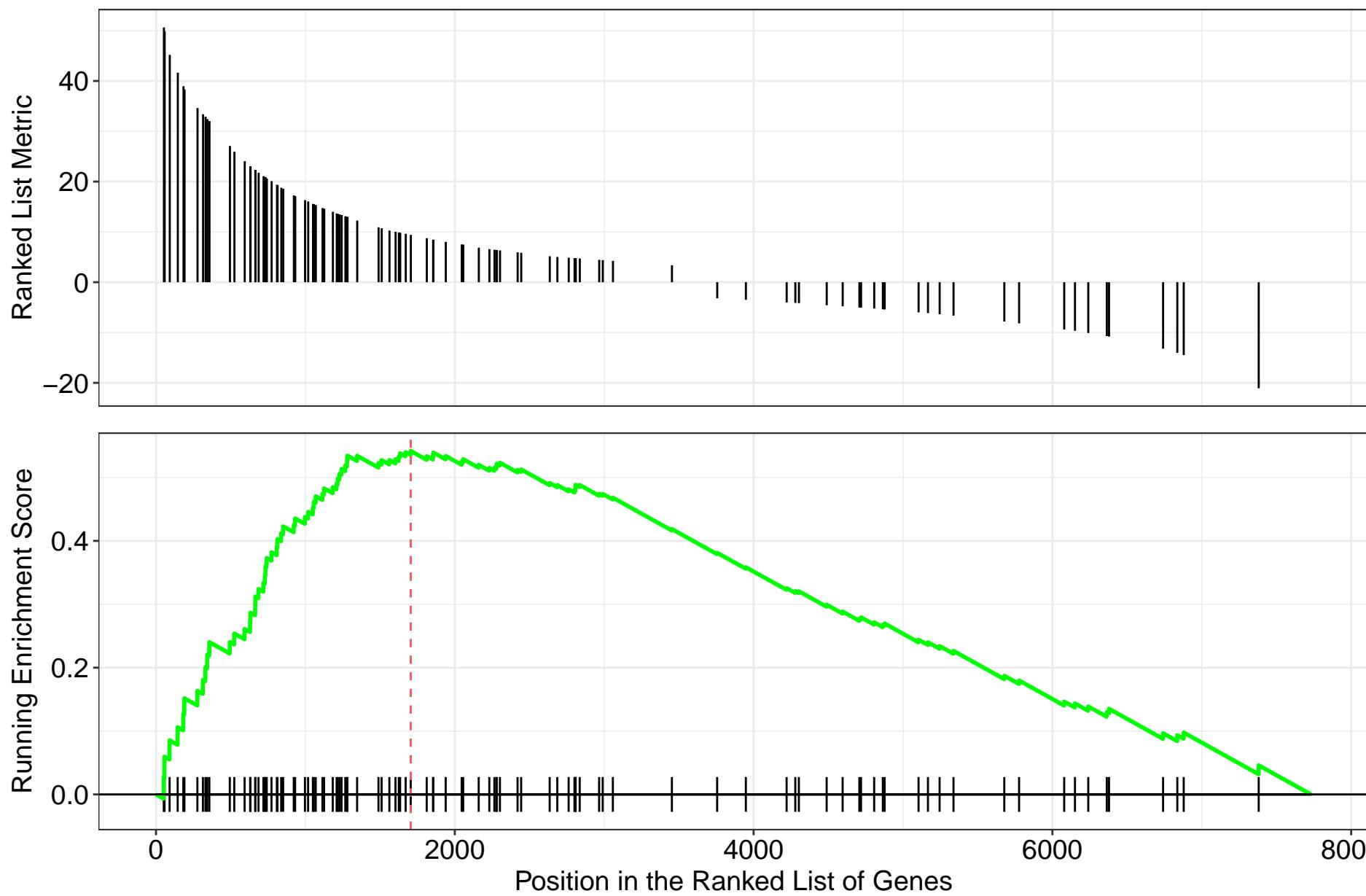
# defense response to protozoan



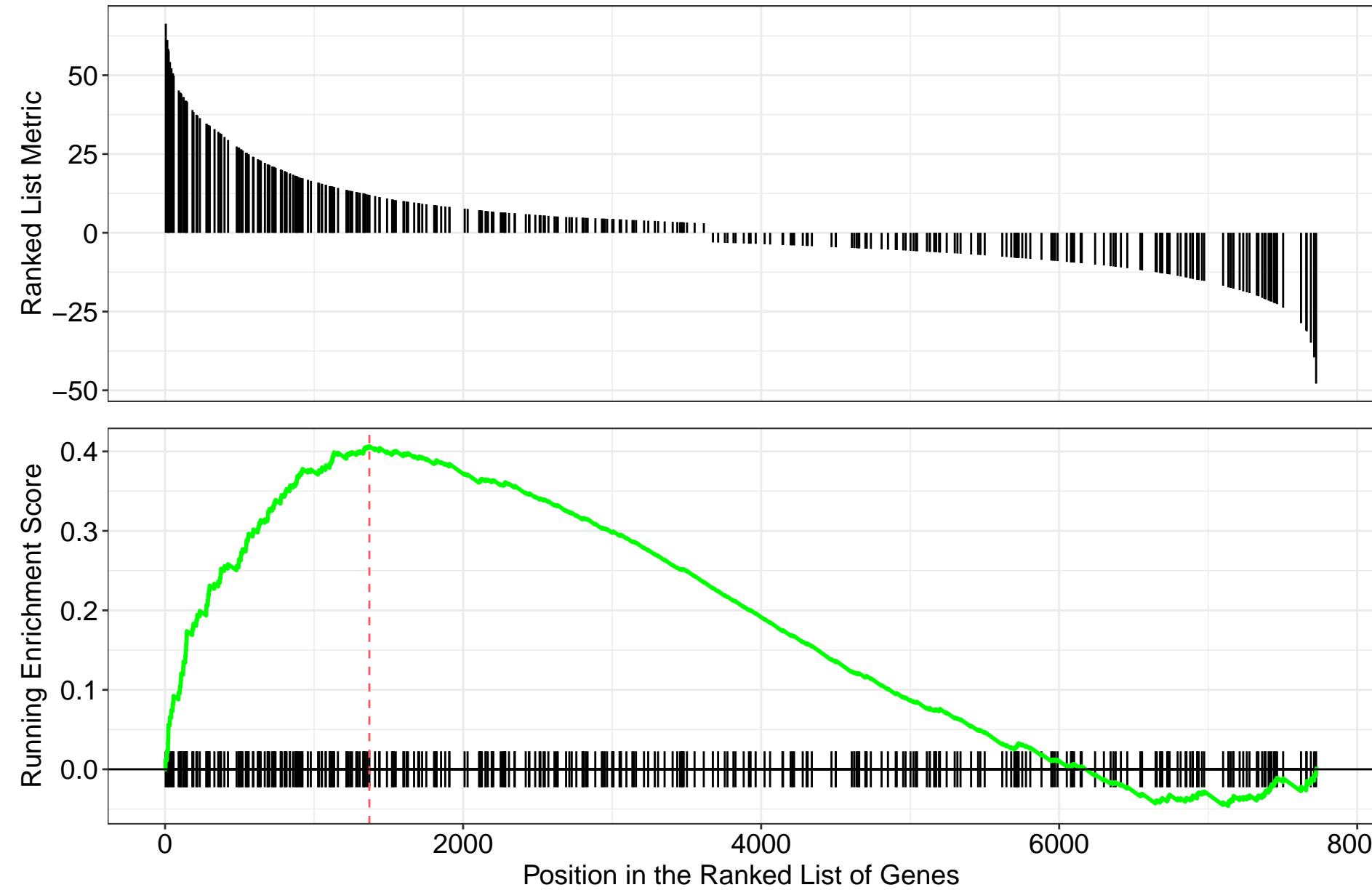
# cell killing



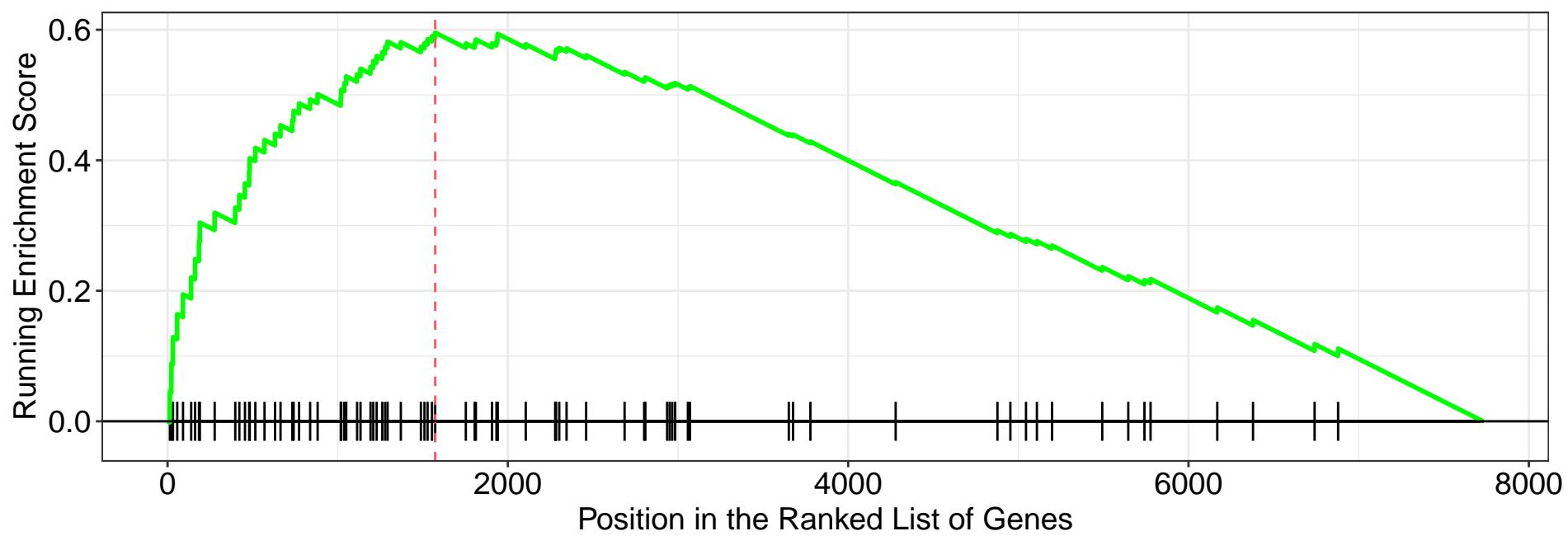
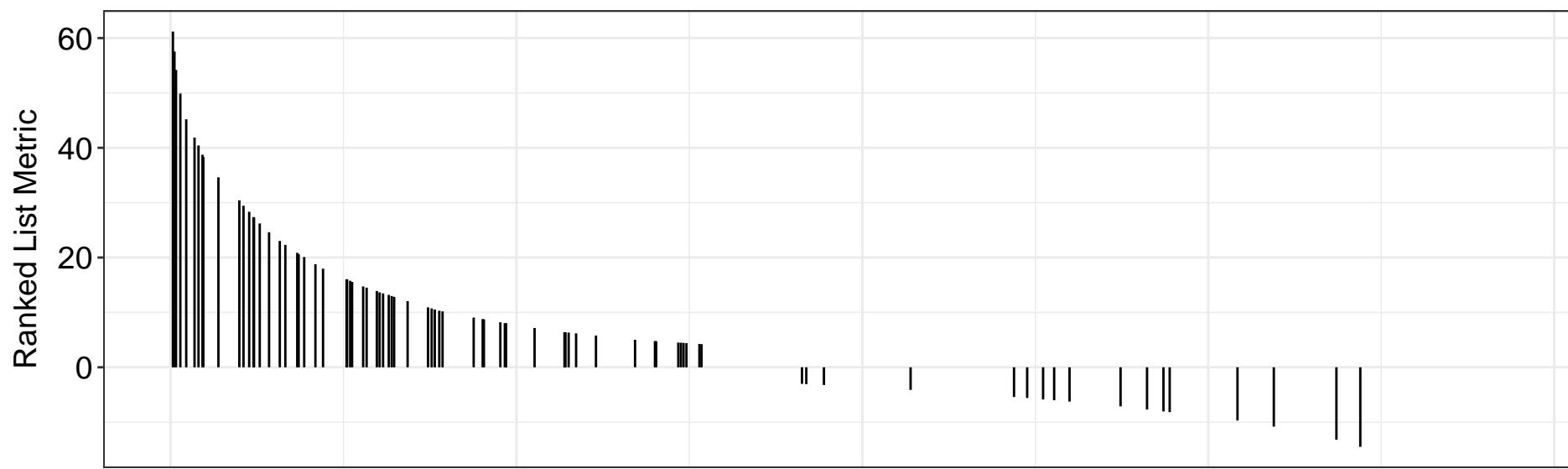
# tumor necrosis factor superfamily cytokine production



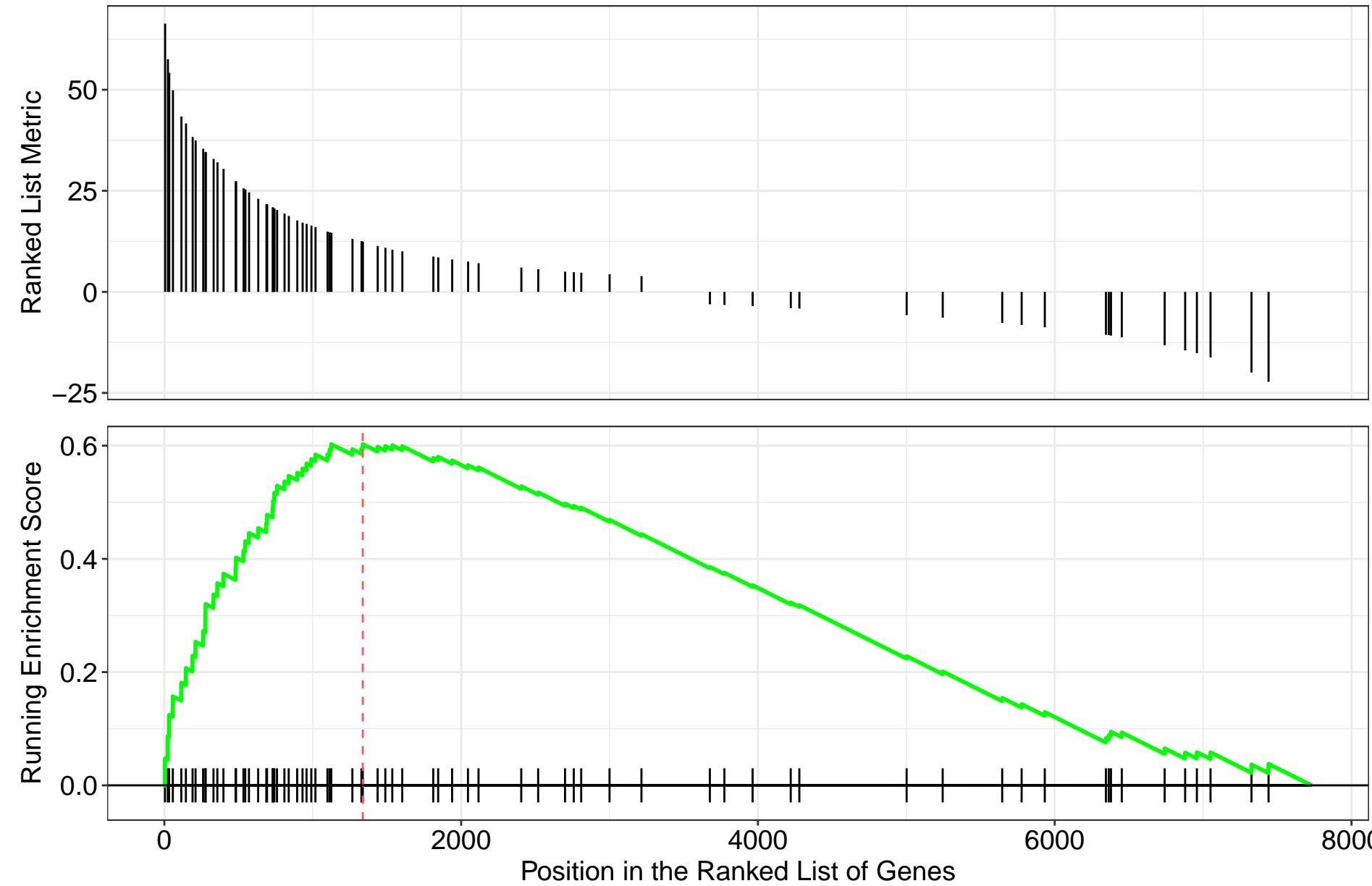
# regulation of cell activation



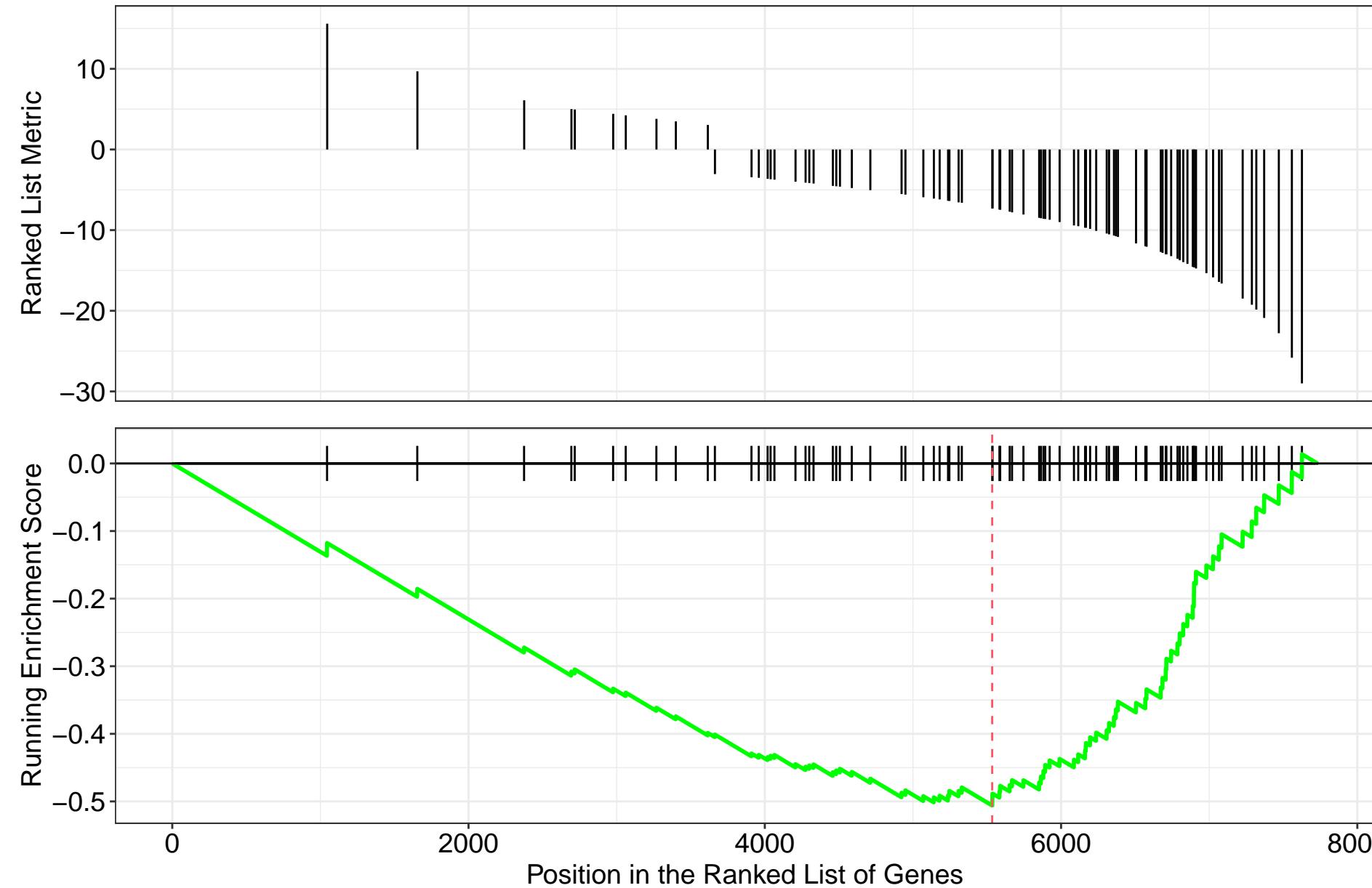
# cytokine production involved in immune response



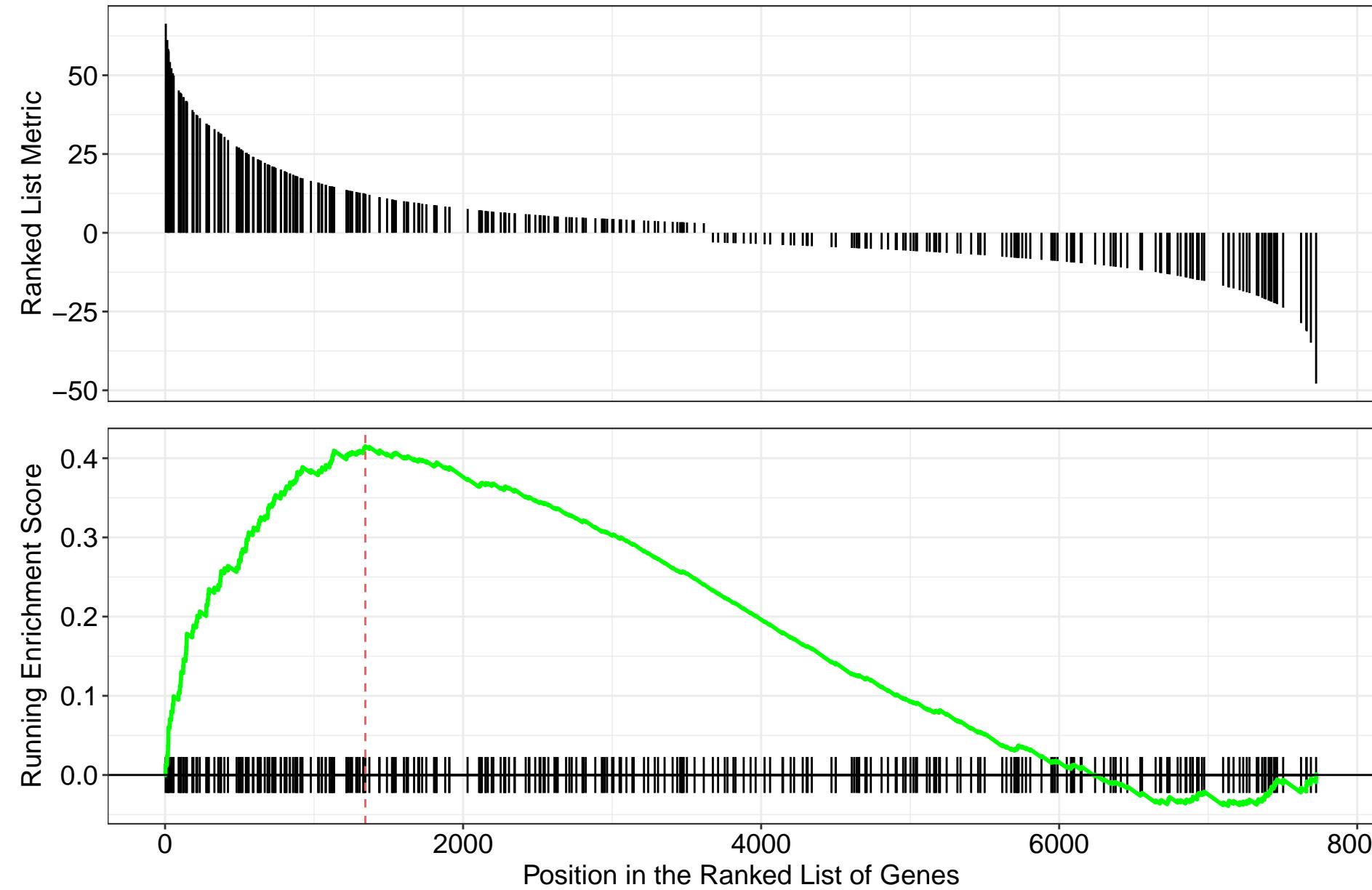
# interferon–gamma production



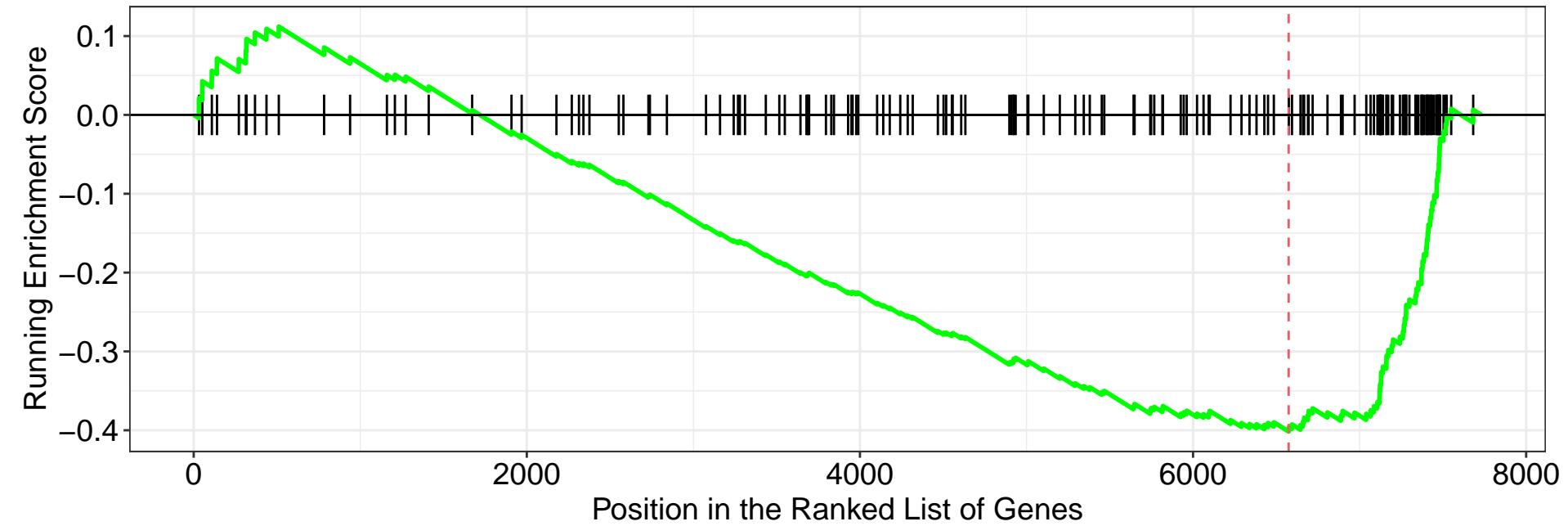
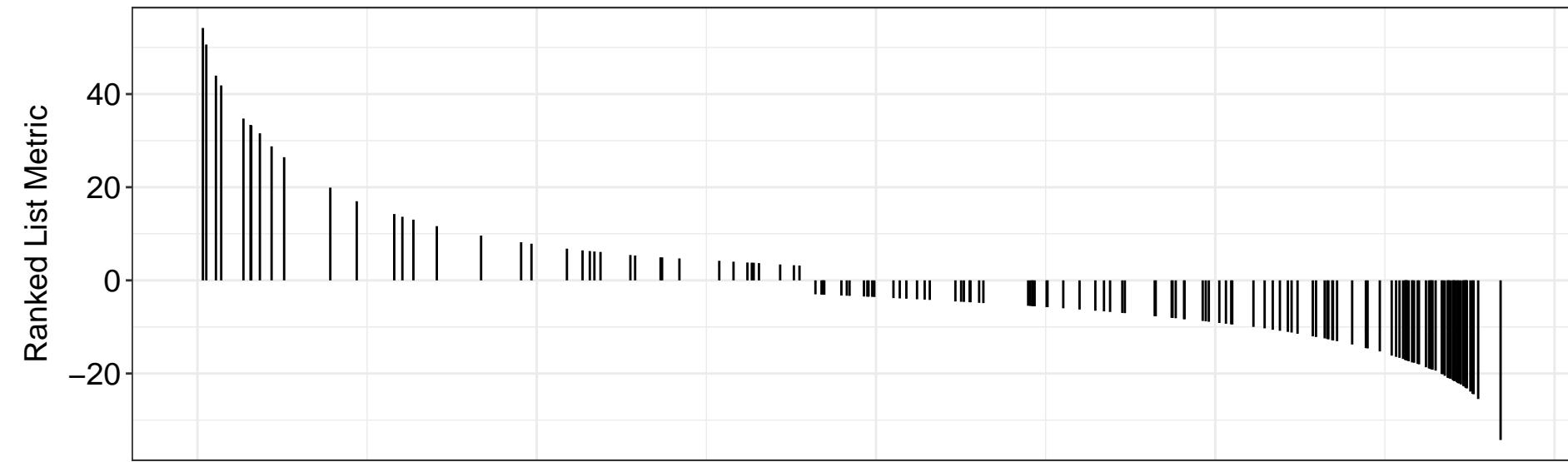
# DNA–templated DNA replication



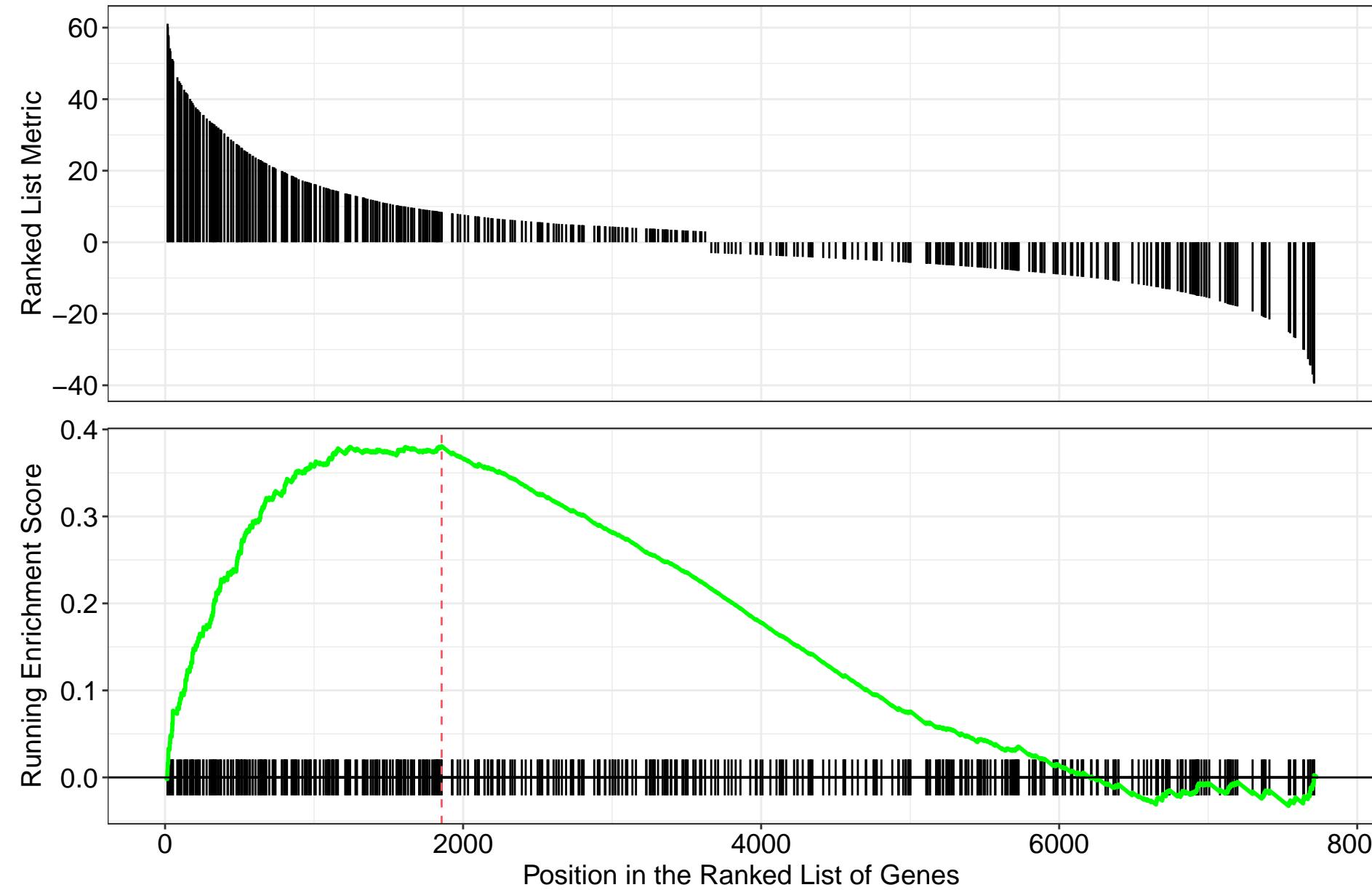
# regulation of leukocyte activation



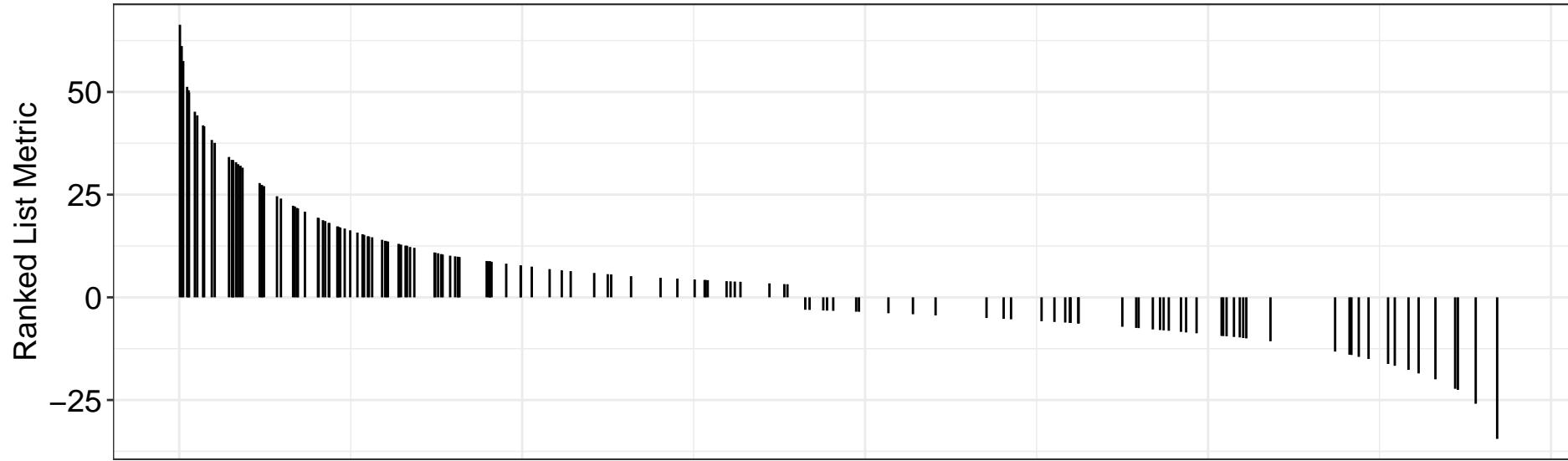
# mitotic nuclear division



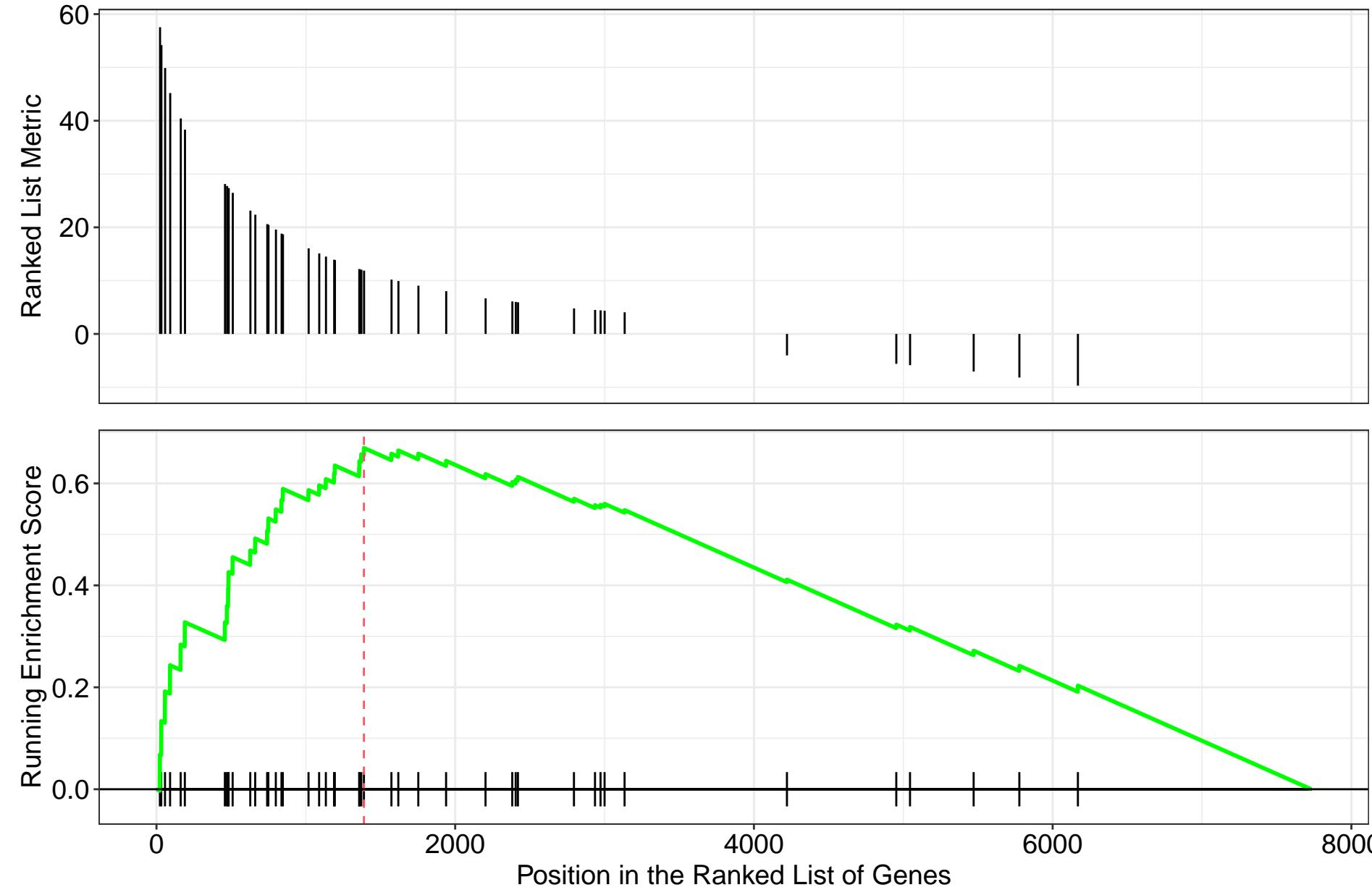
# regulation of locomotion



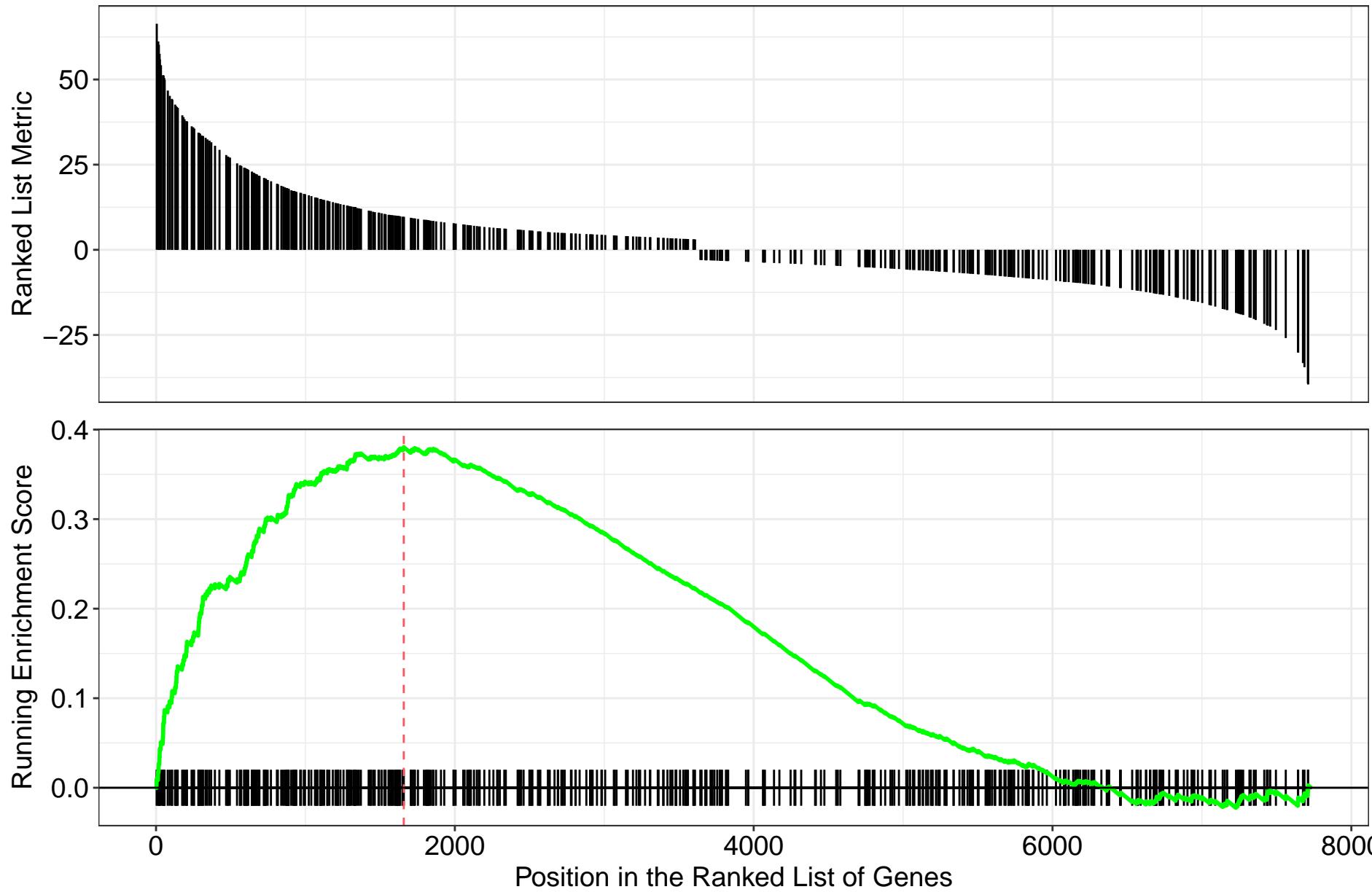
# negative regulation of cytokine production



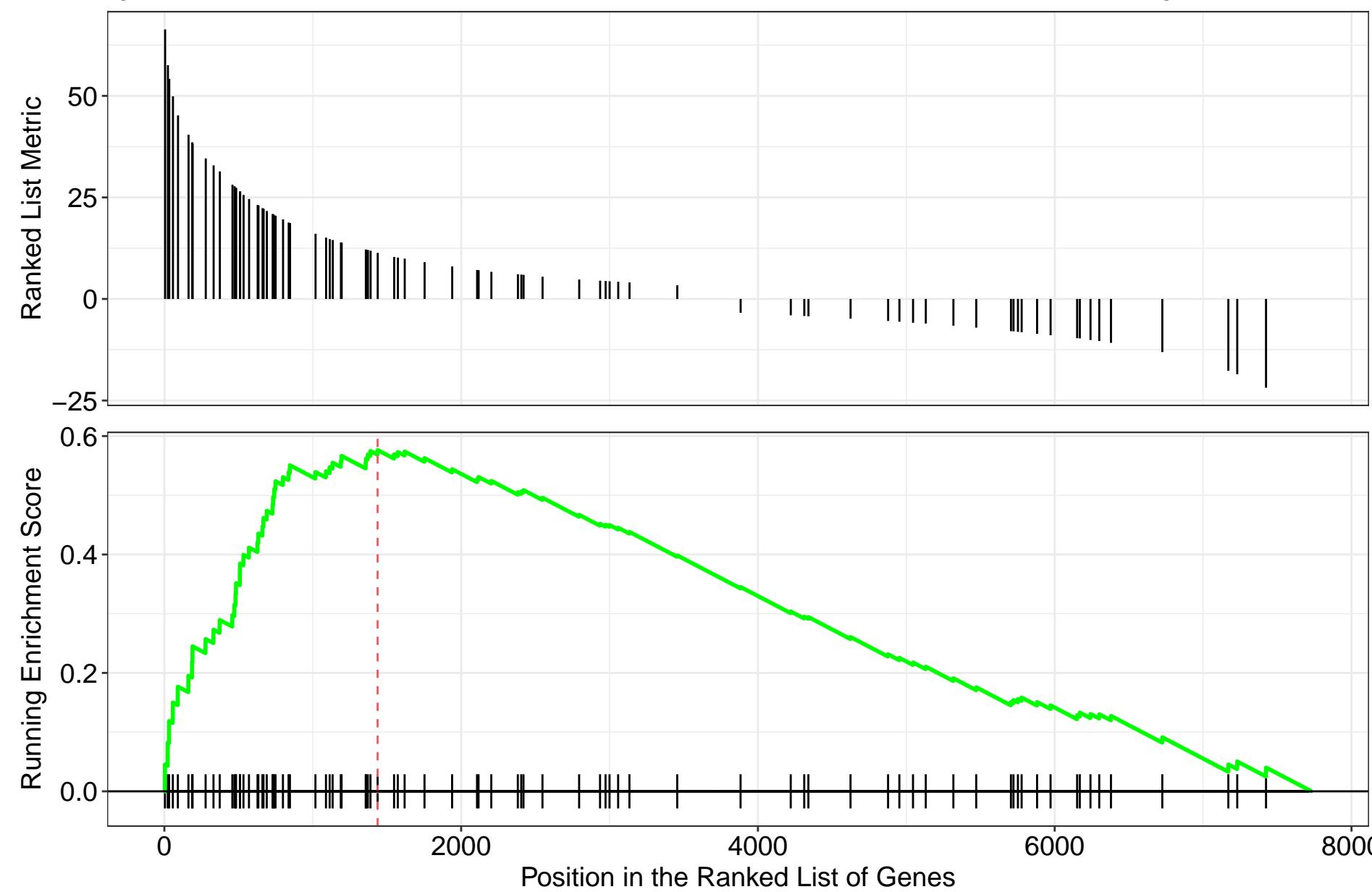
# positive regulation of T cell mediated immunity



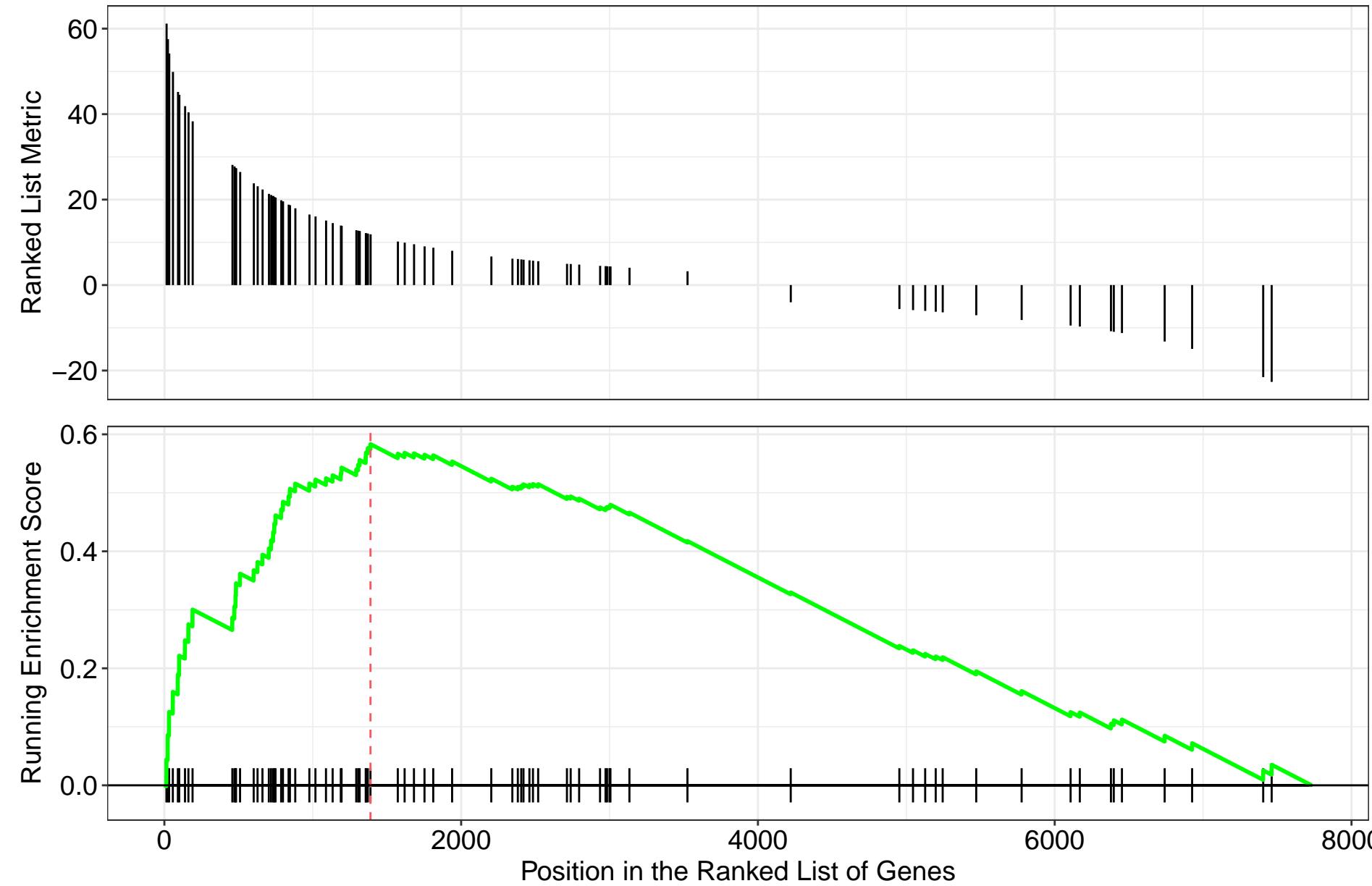
# negative regulation of multicellular organismal process



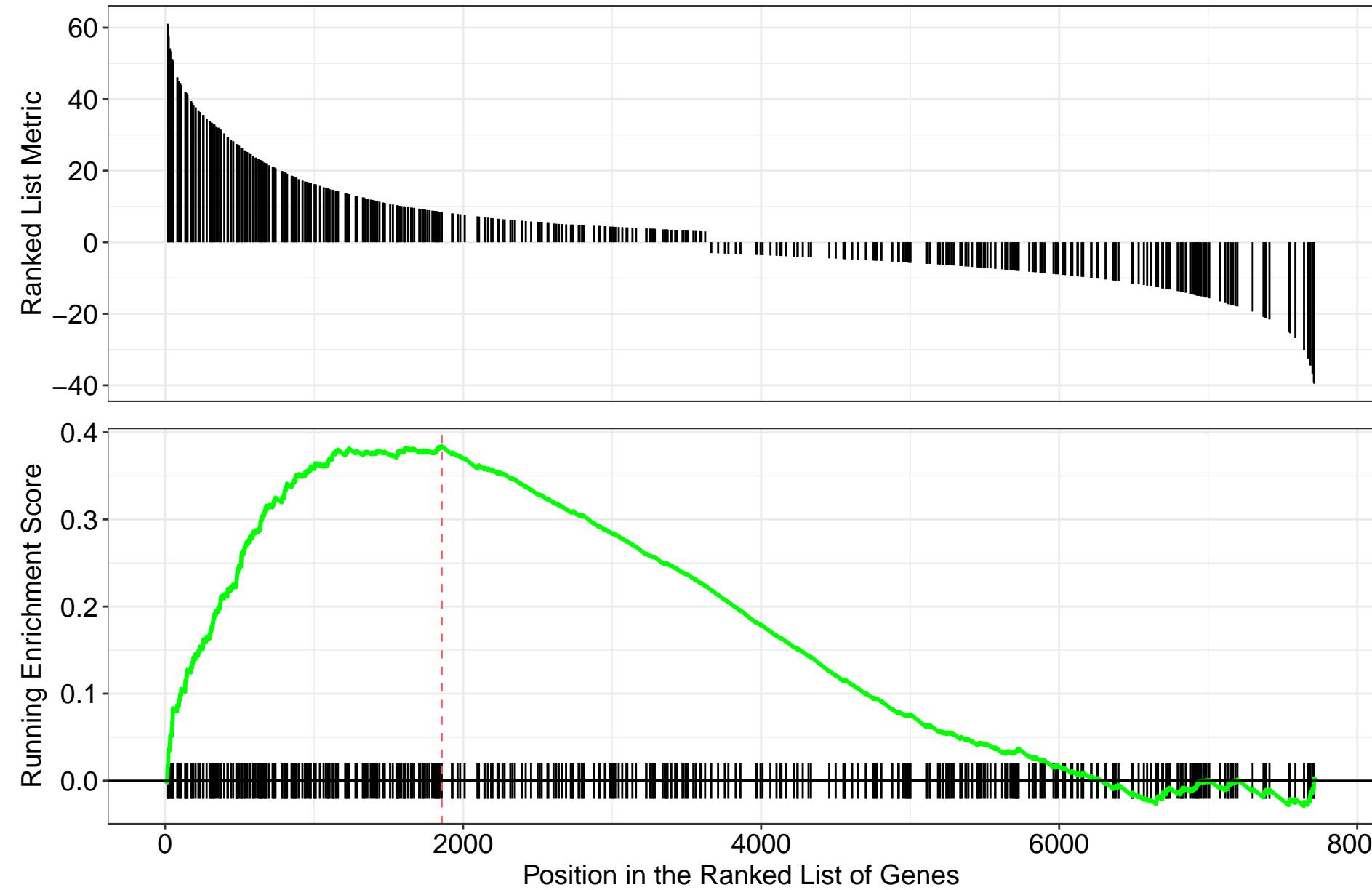
The response based on somatic recombination of immune receptors built fro



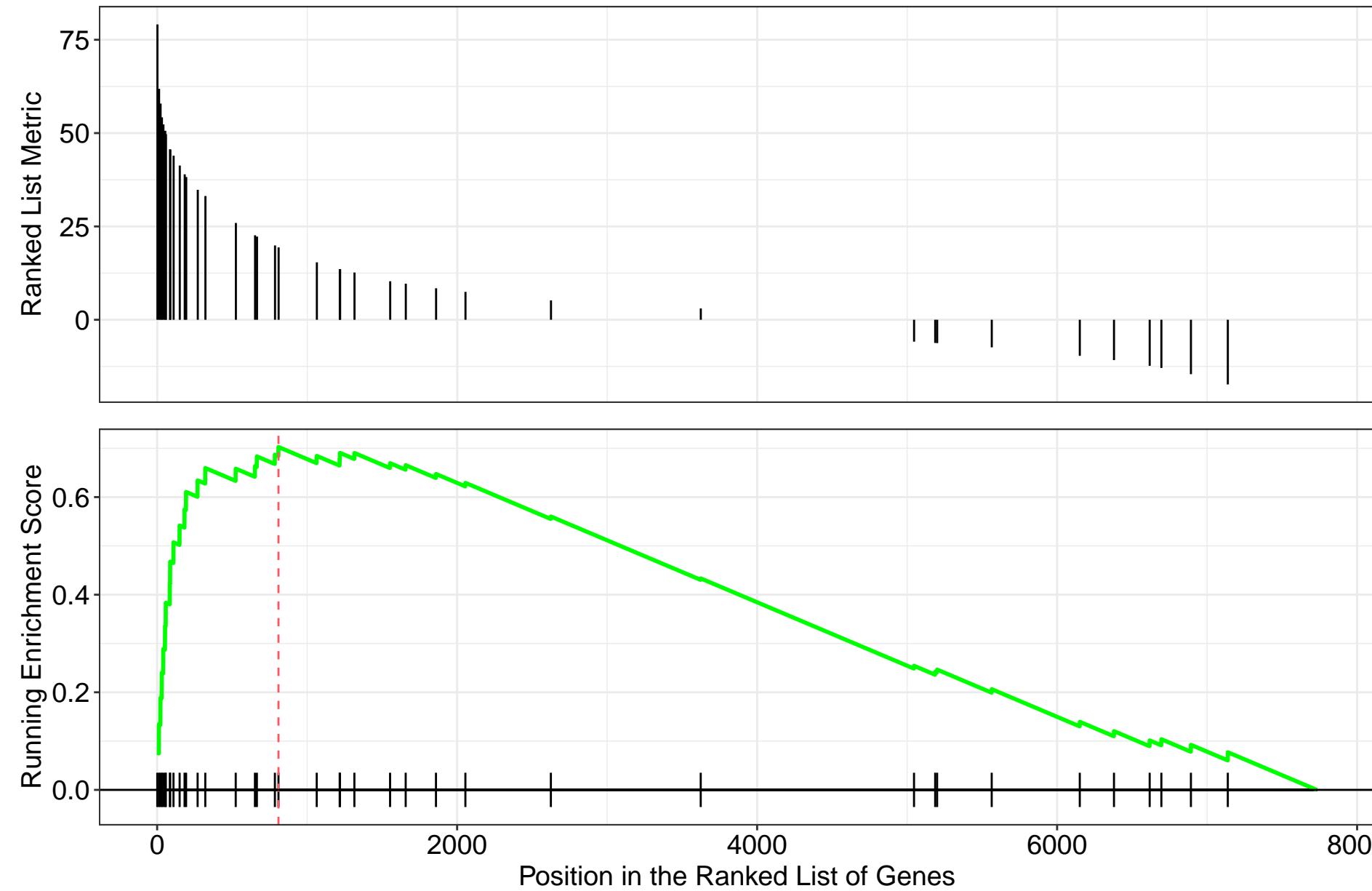
# T cell mediated immunity



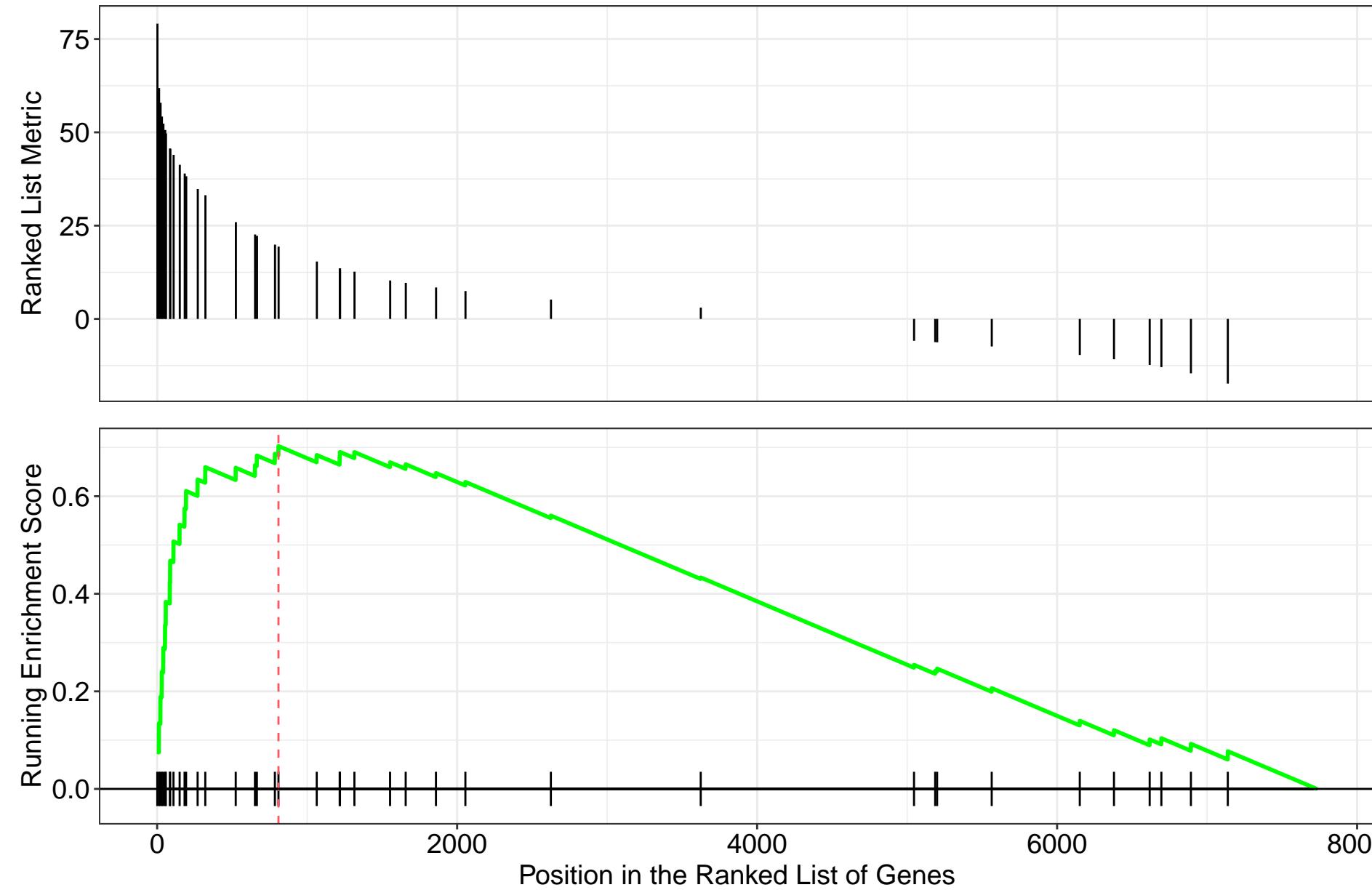
# regulation of cell migration



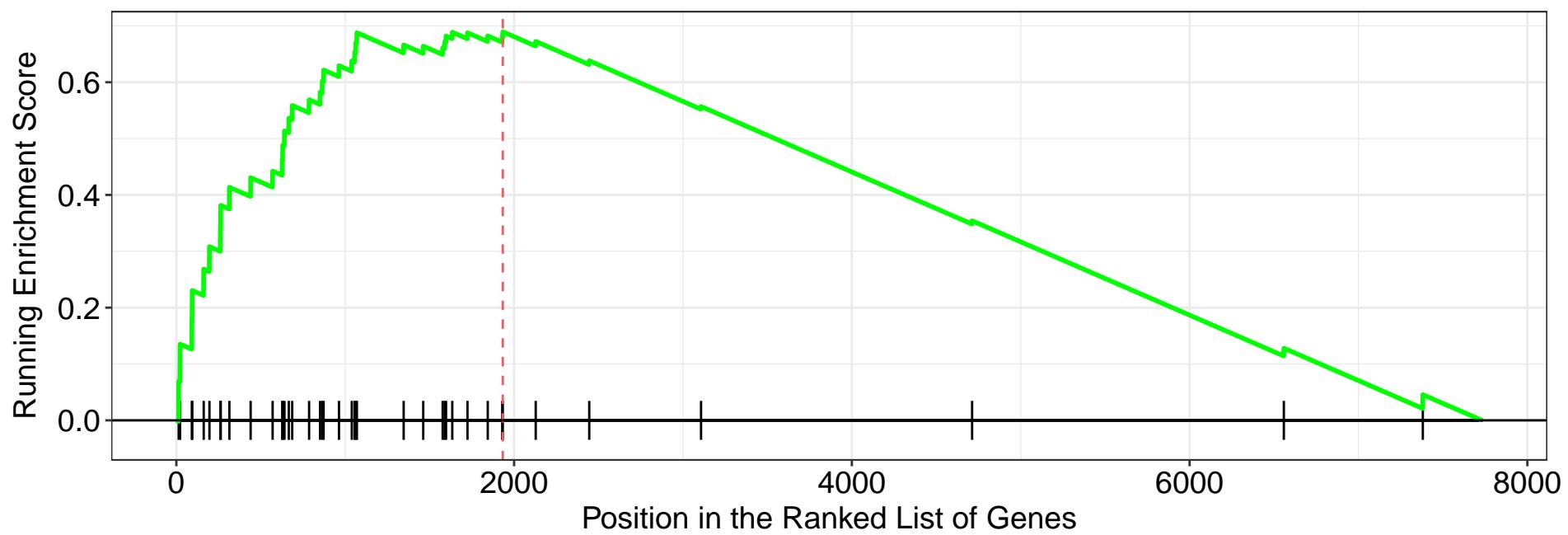
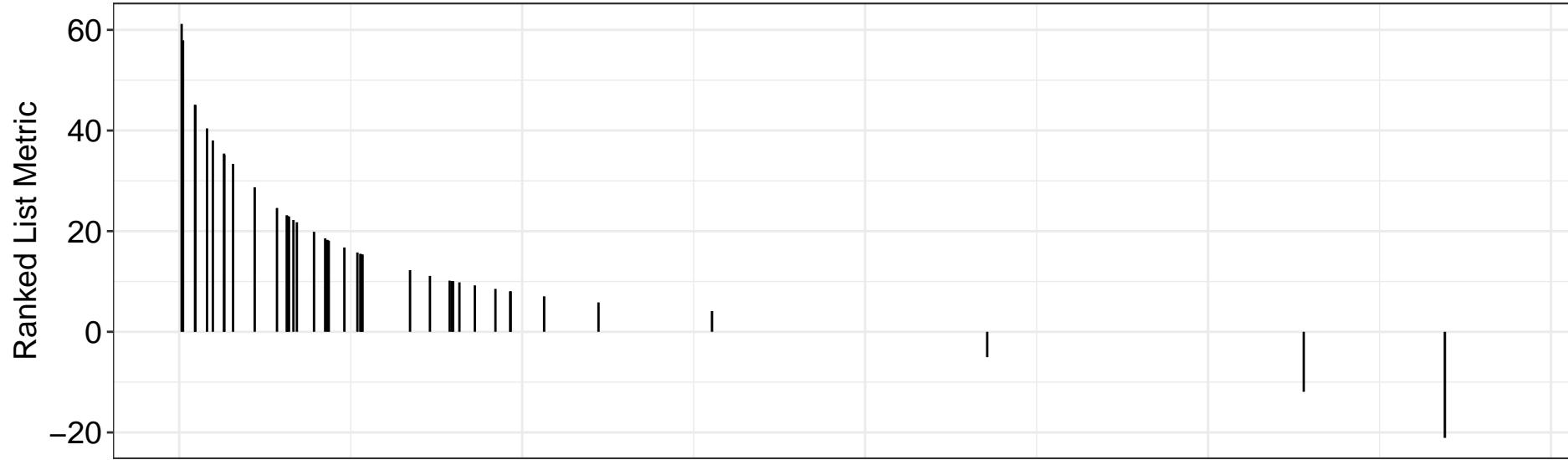
# response to chemokine



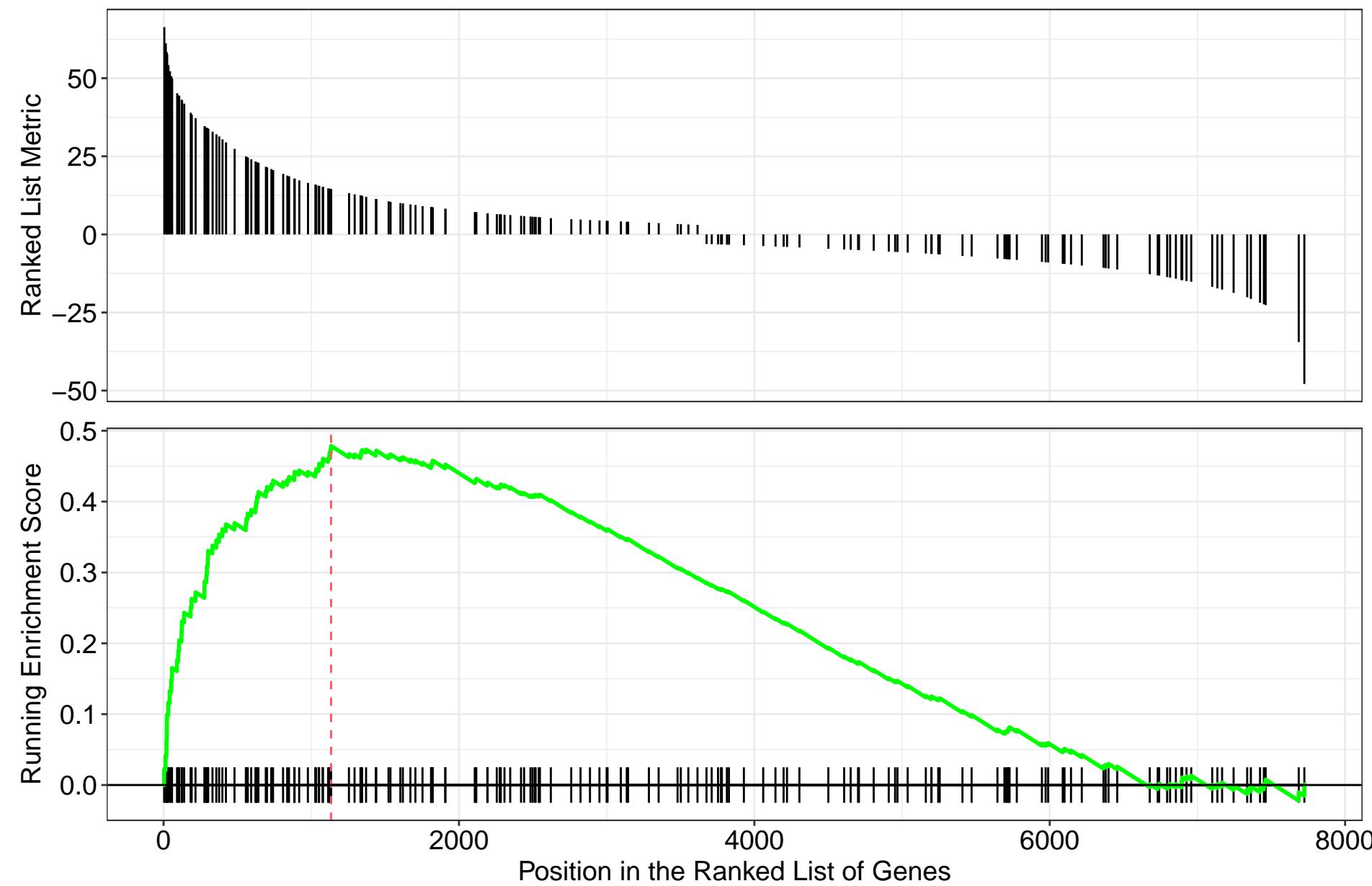
# cellular response to chemokine



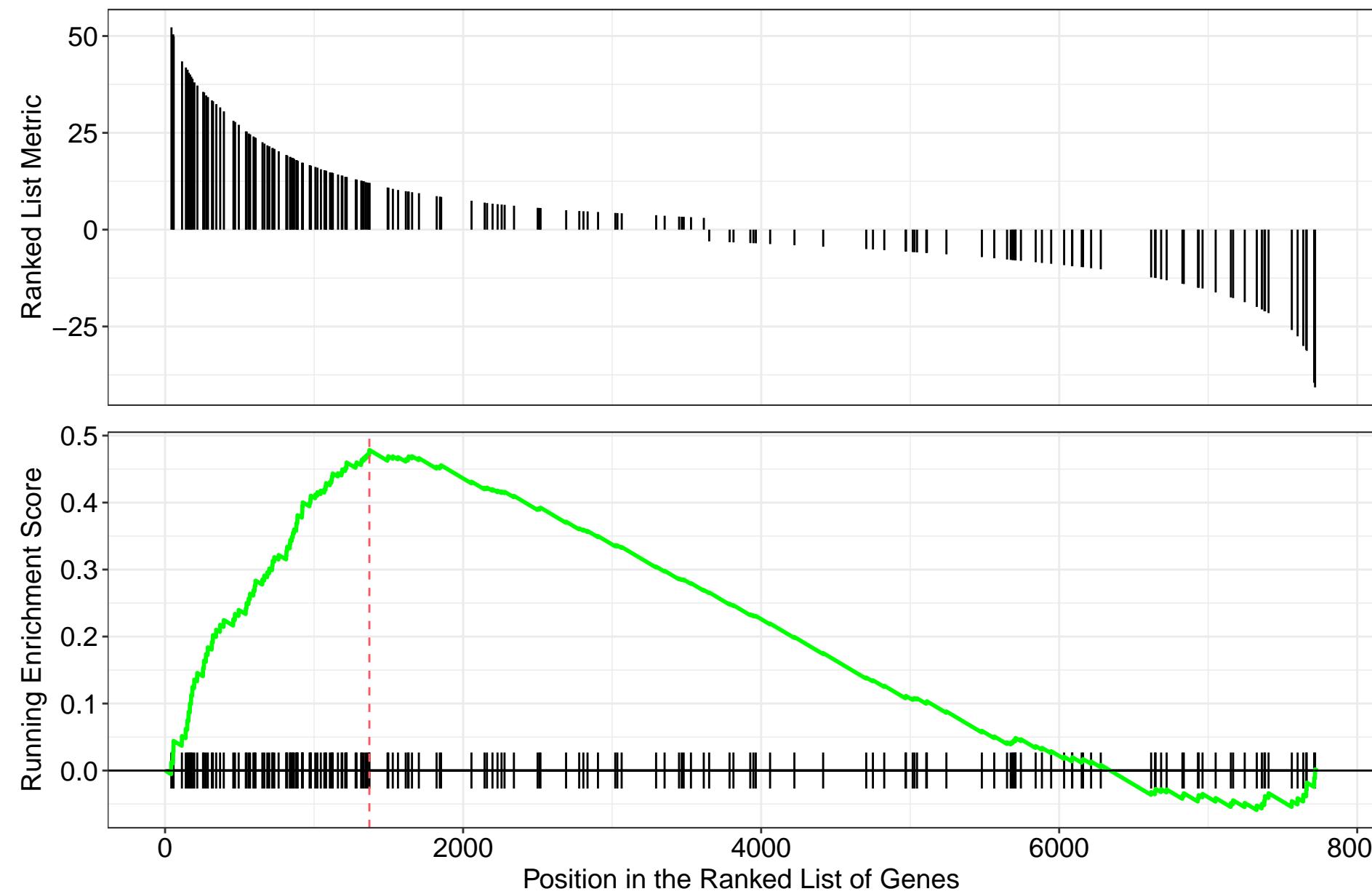
# negative regulation of viral genome replication



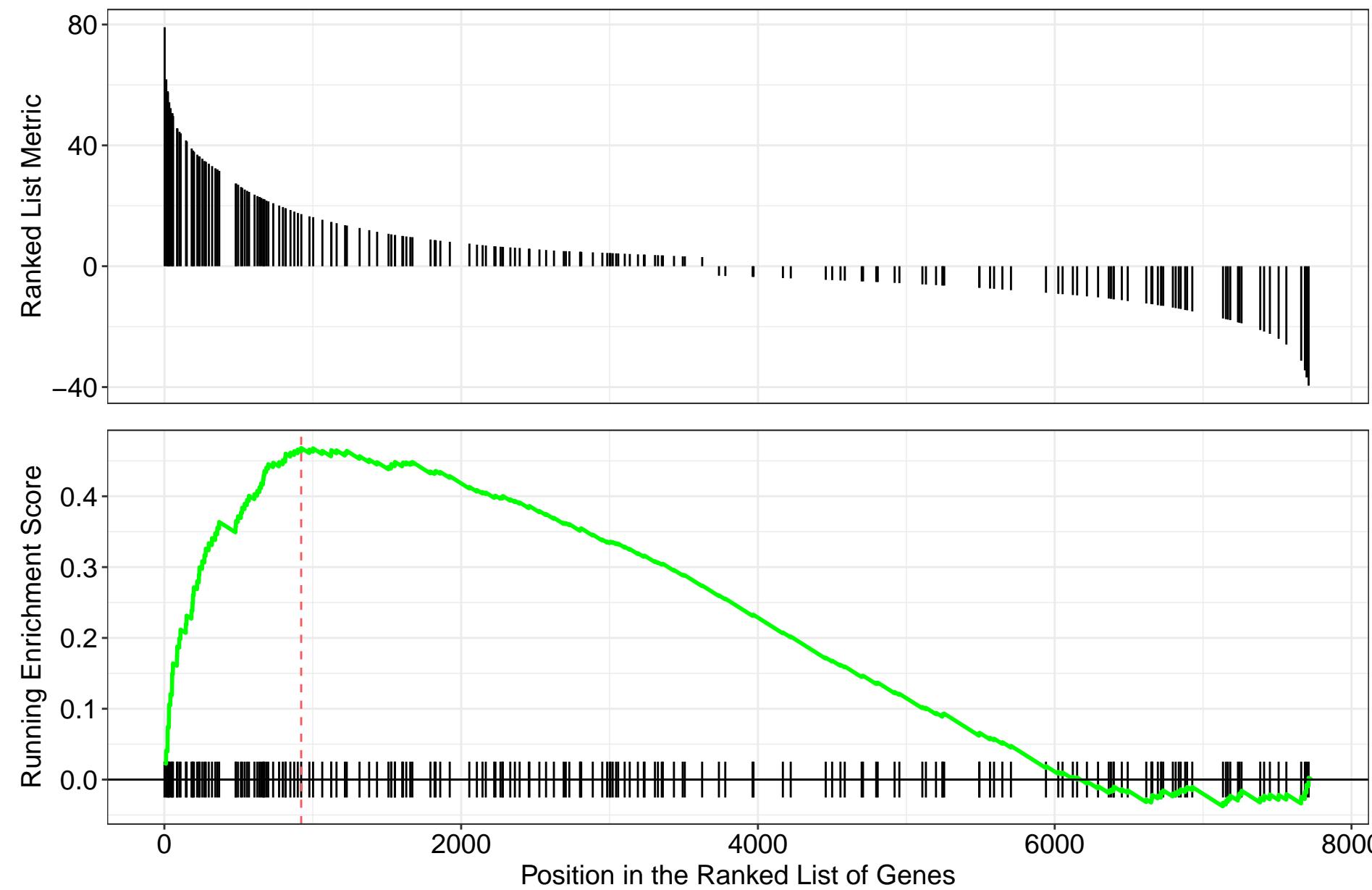
# regulation of leukocyte cell–cell adhesion



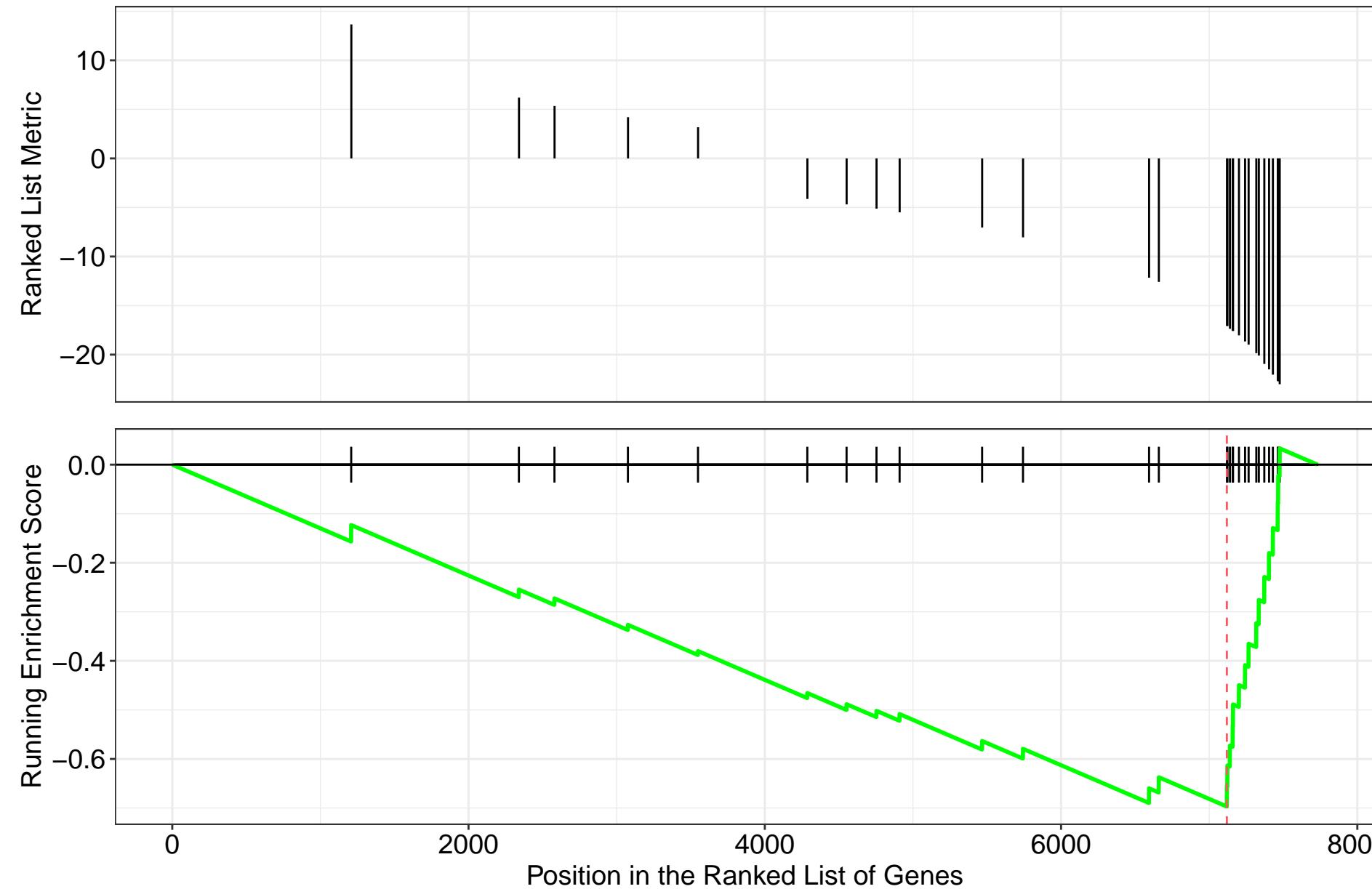
# negative regulation of response to external stimulus



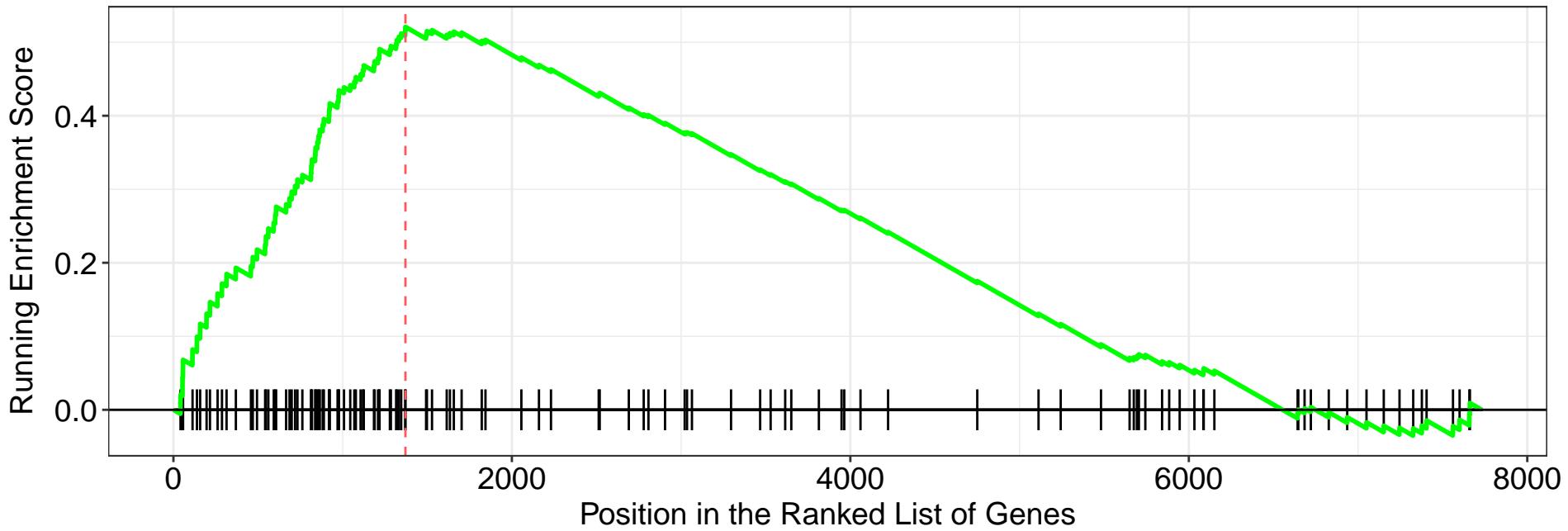
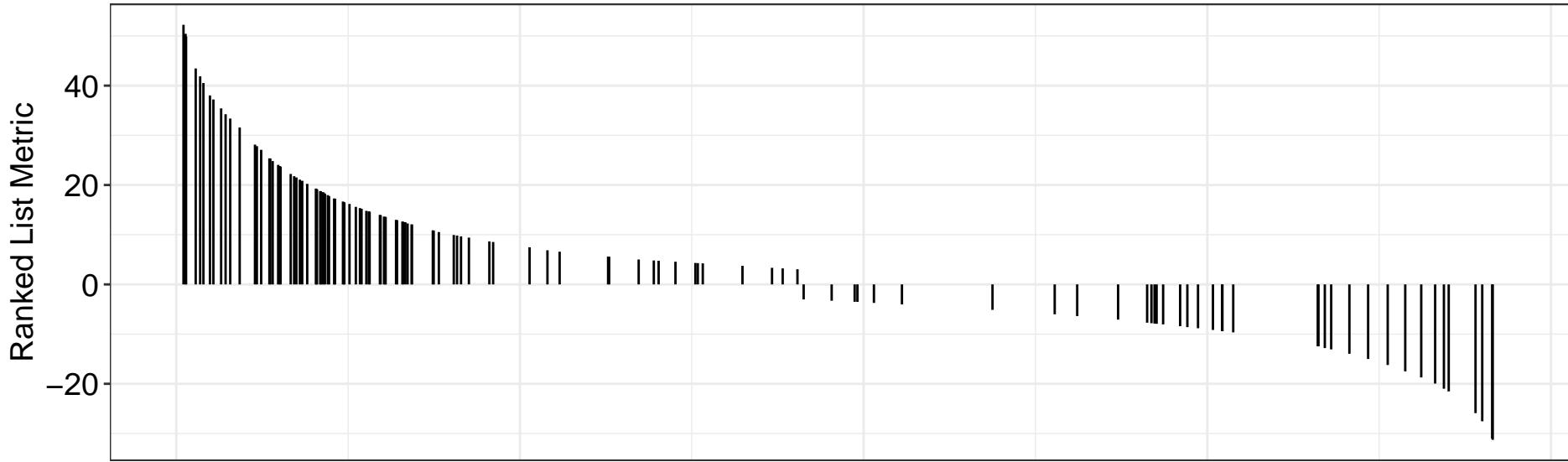
# leukocyte migration



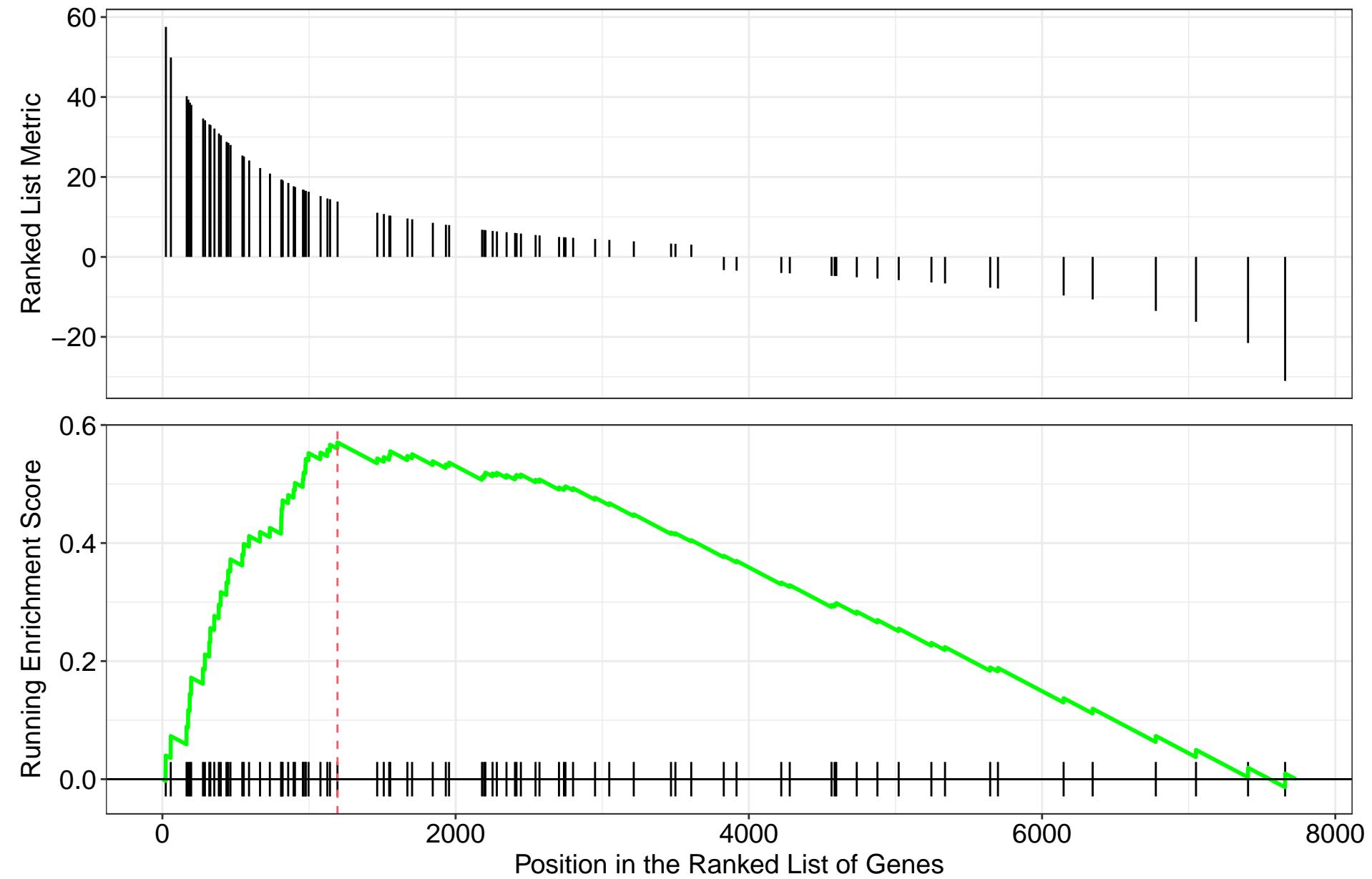
# attachment of spindle microtubules to kinetochore



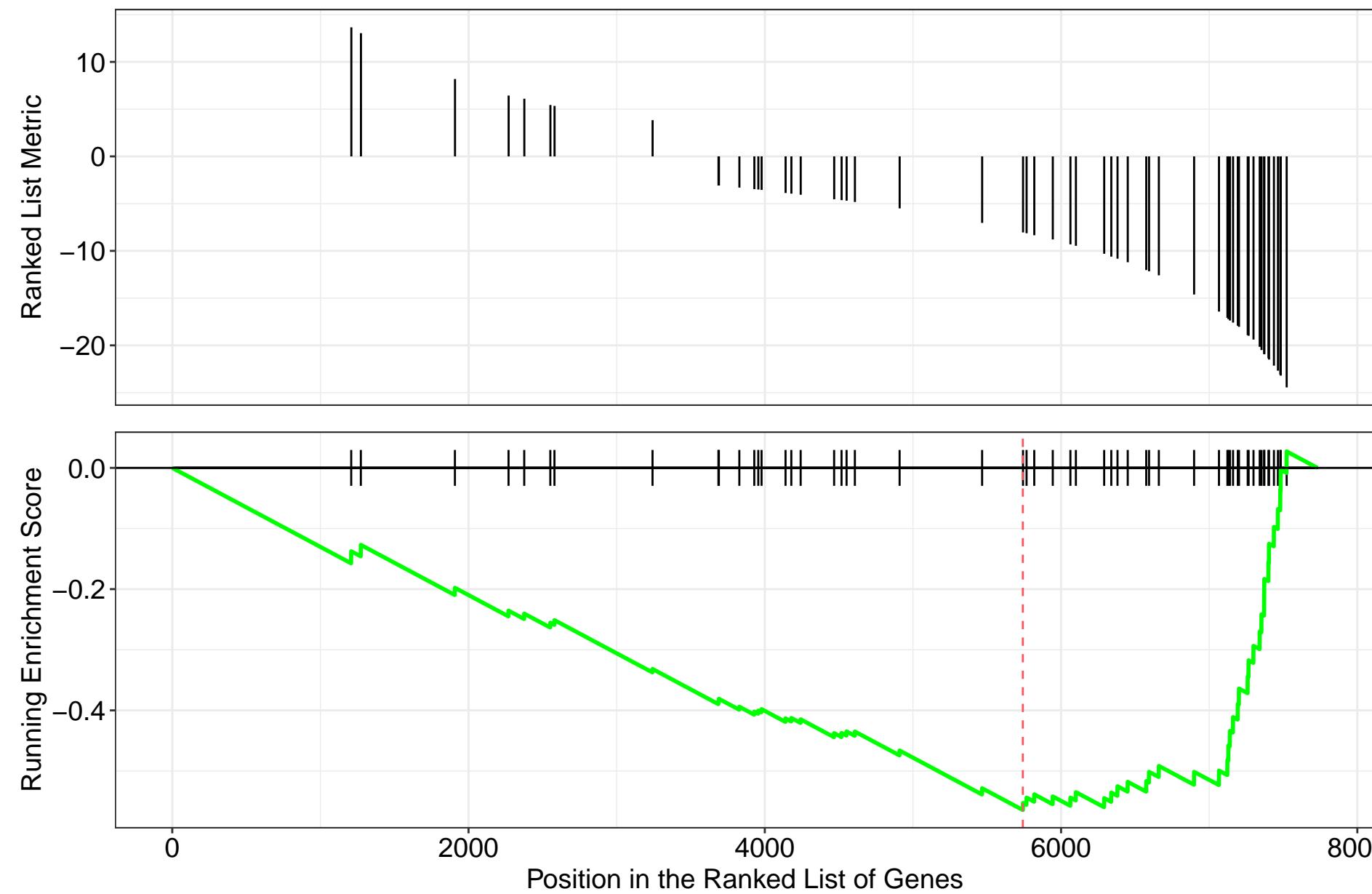
# negative regulation of defense response



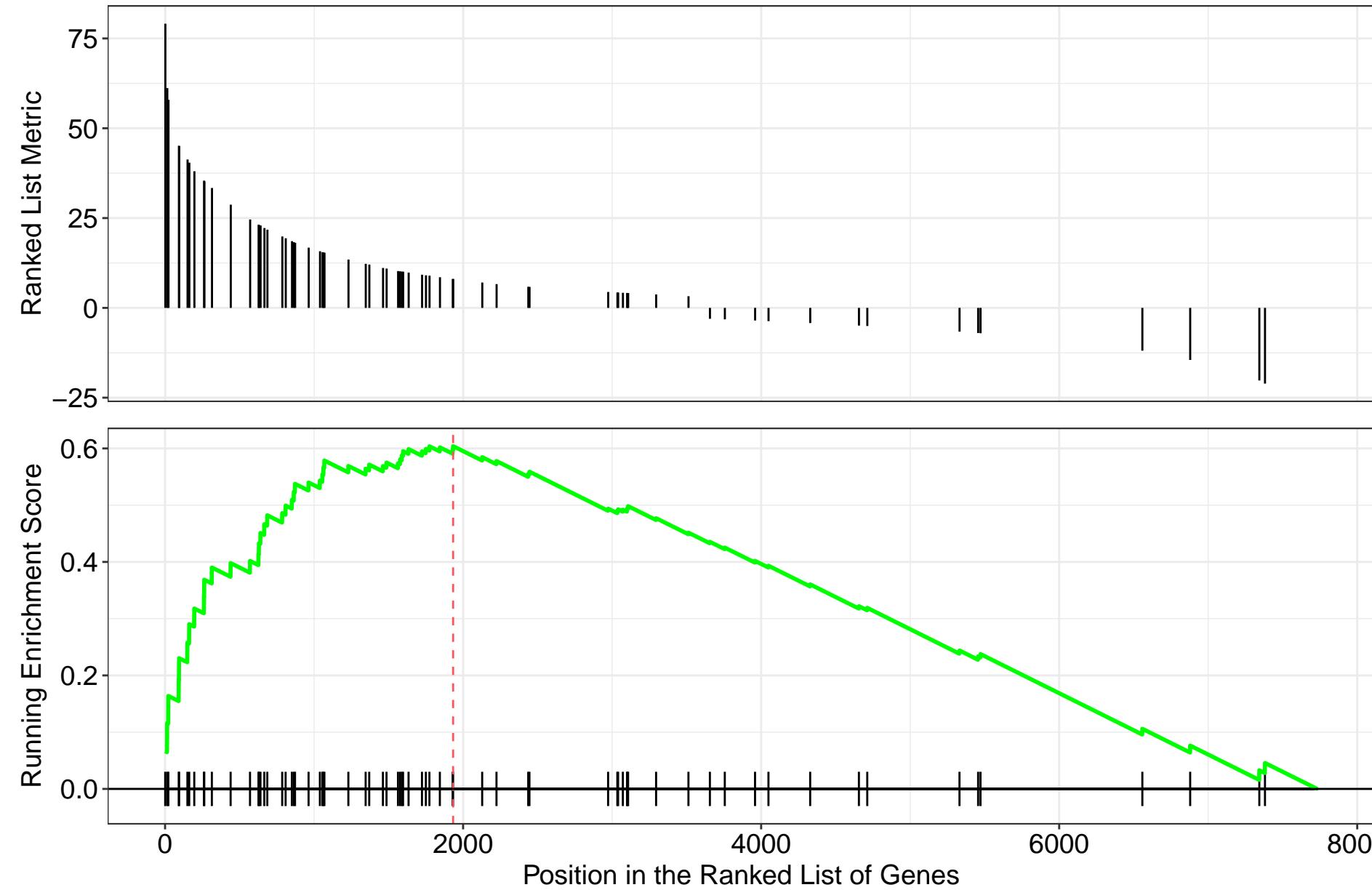
# positive regulation of innate immune response



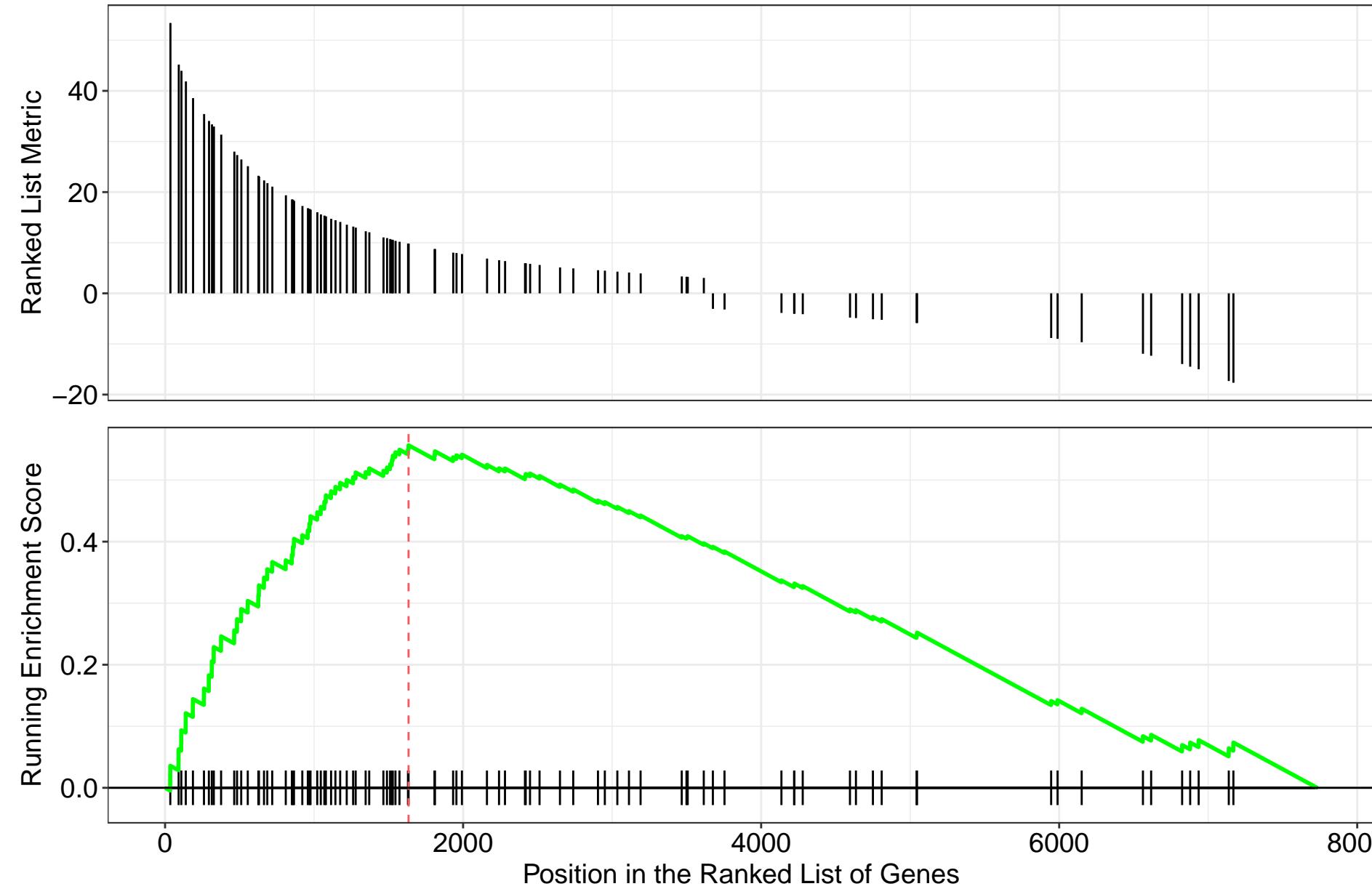
# regulation of chromosome separation



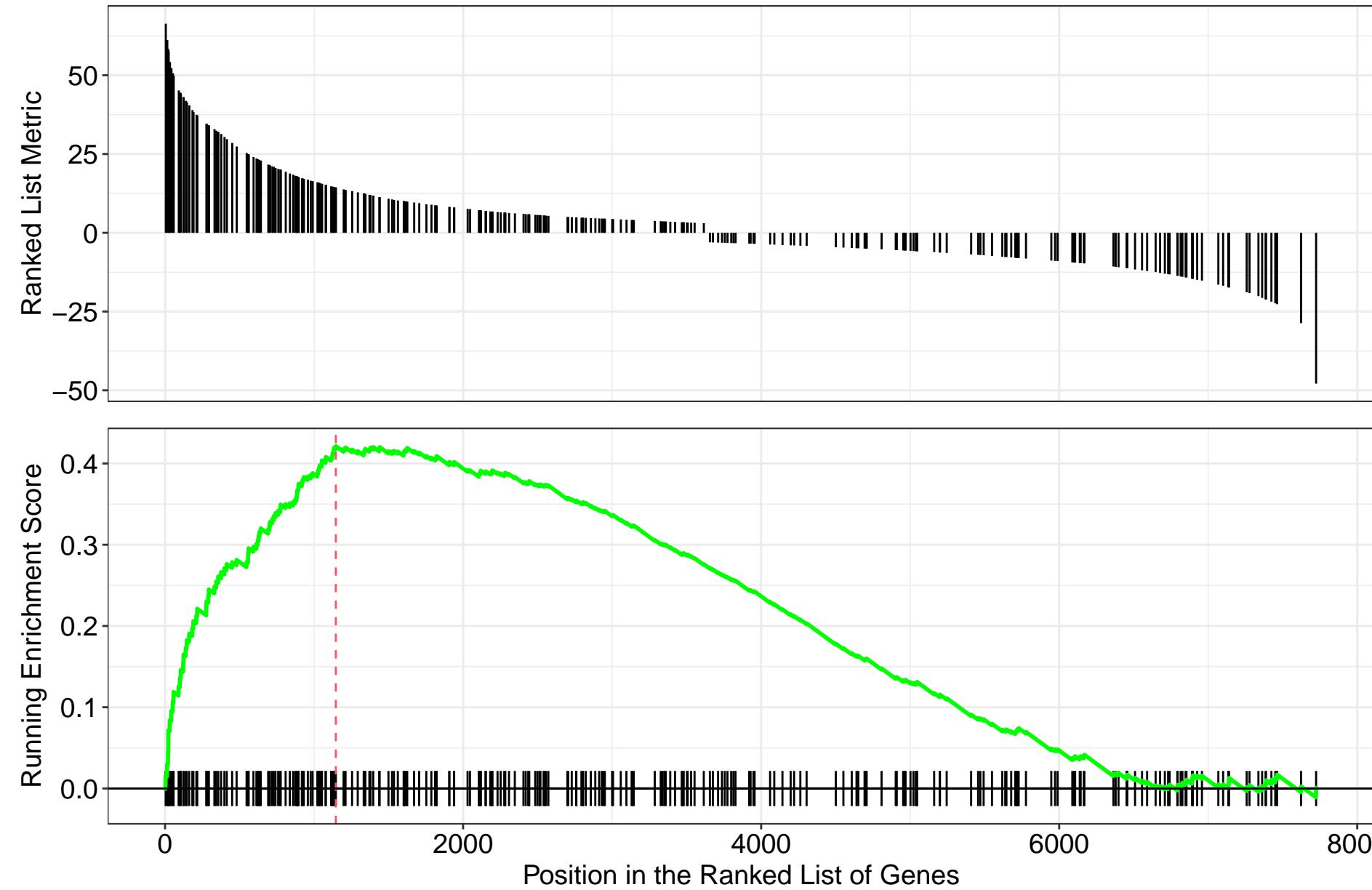
# viral genome replication



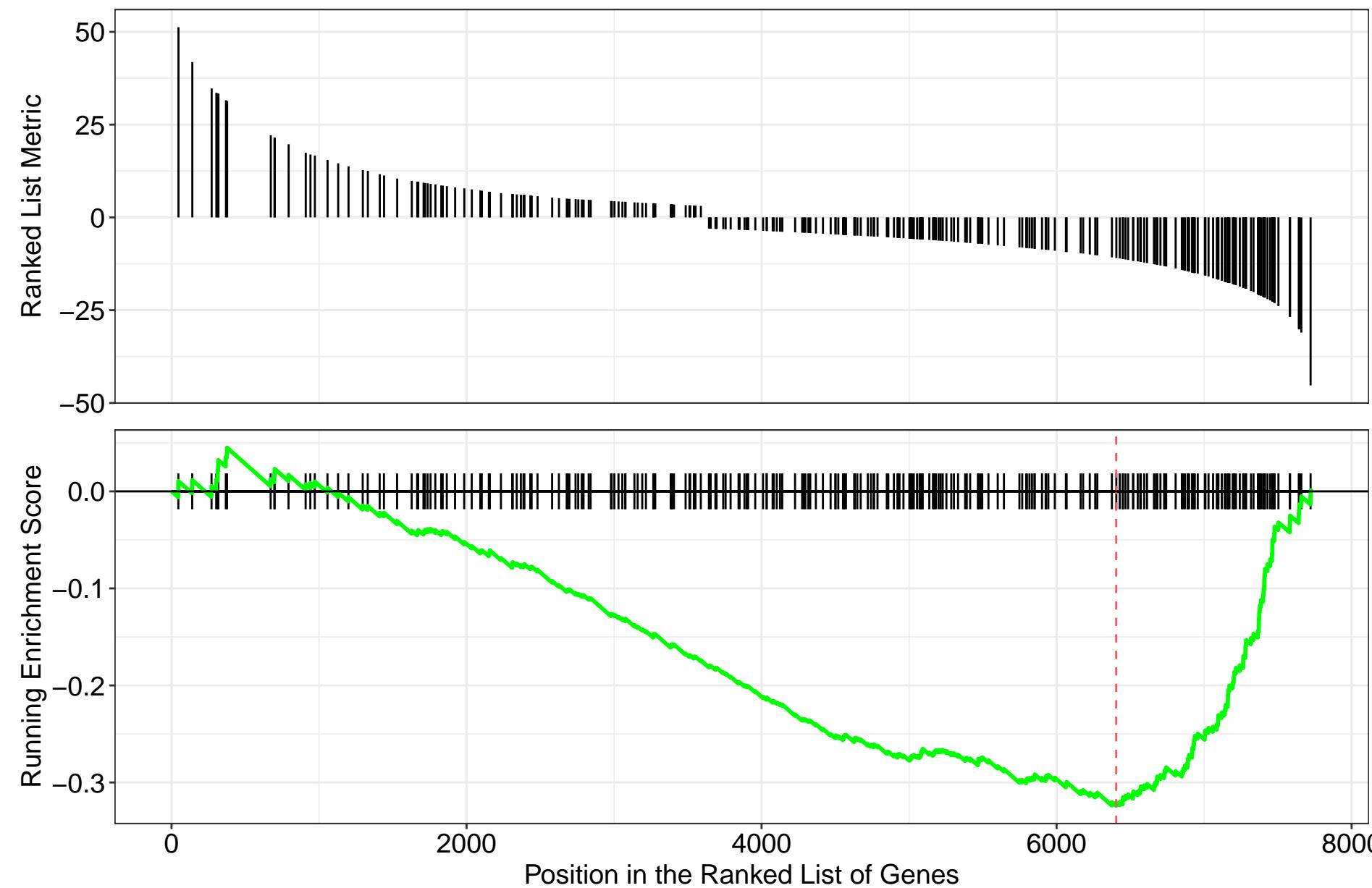
# regulation of response to cytokine stimulus



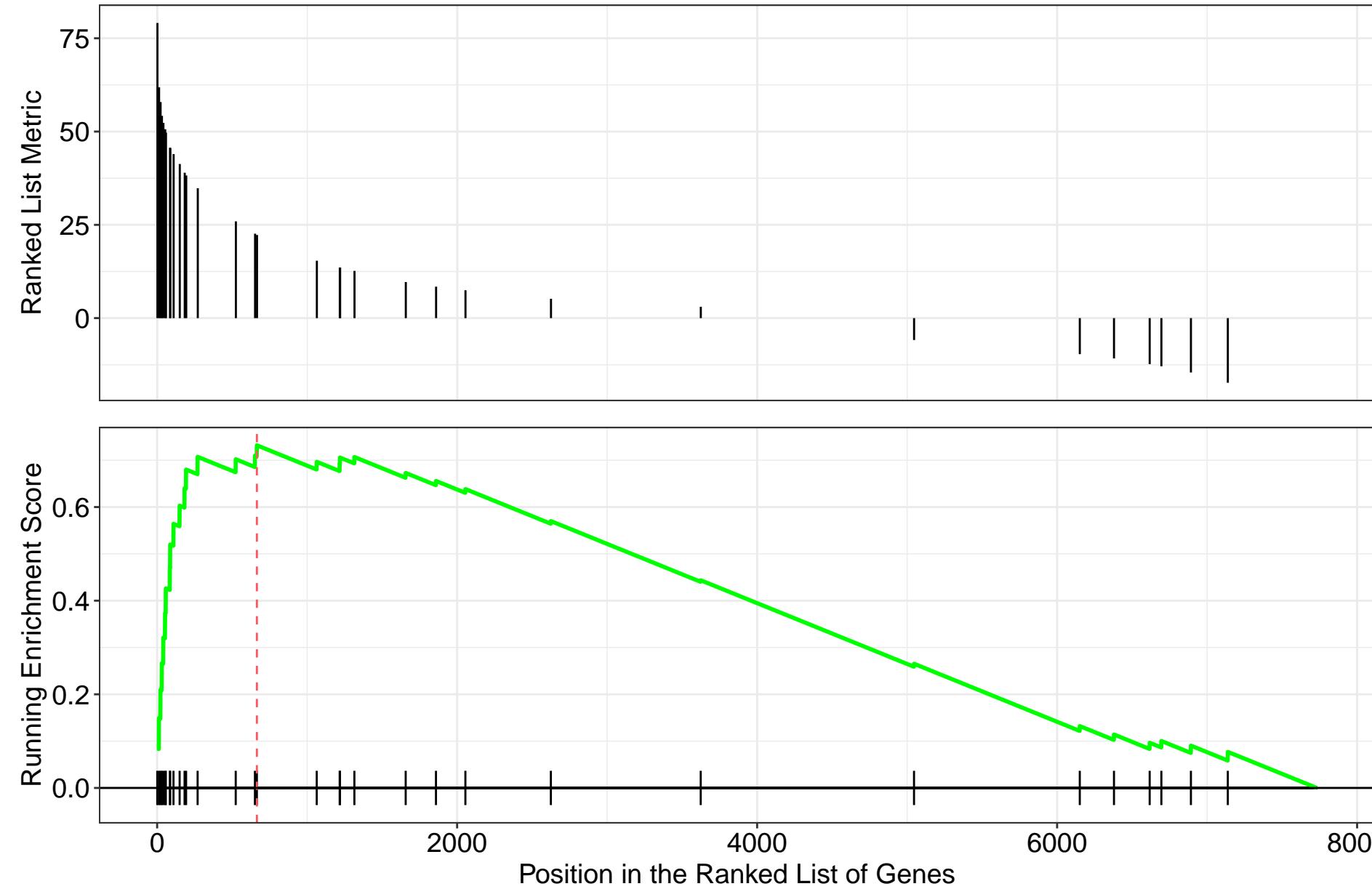
# T cell activation



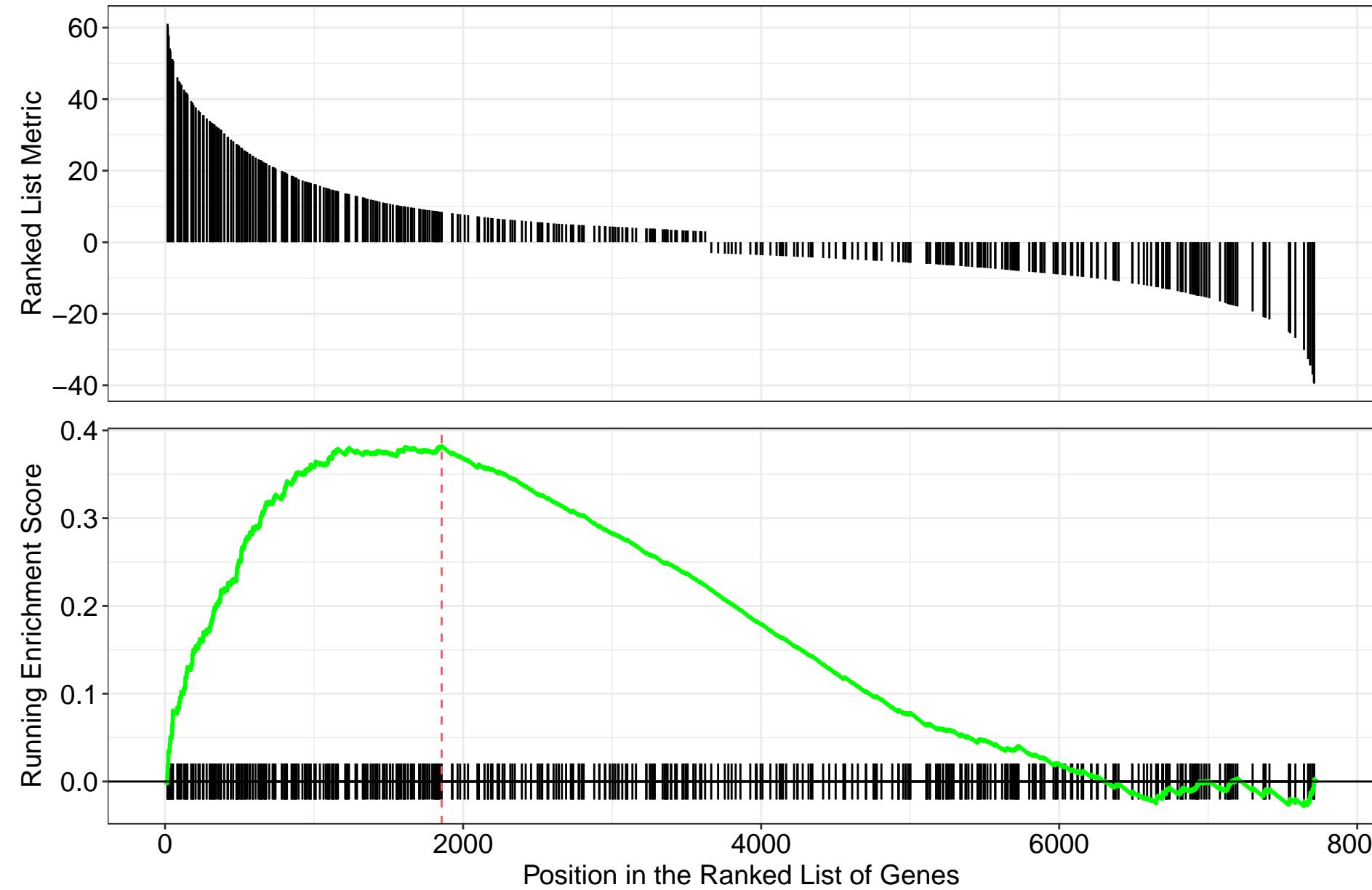
# microtubule cytoskeleton organization



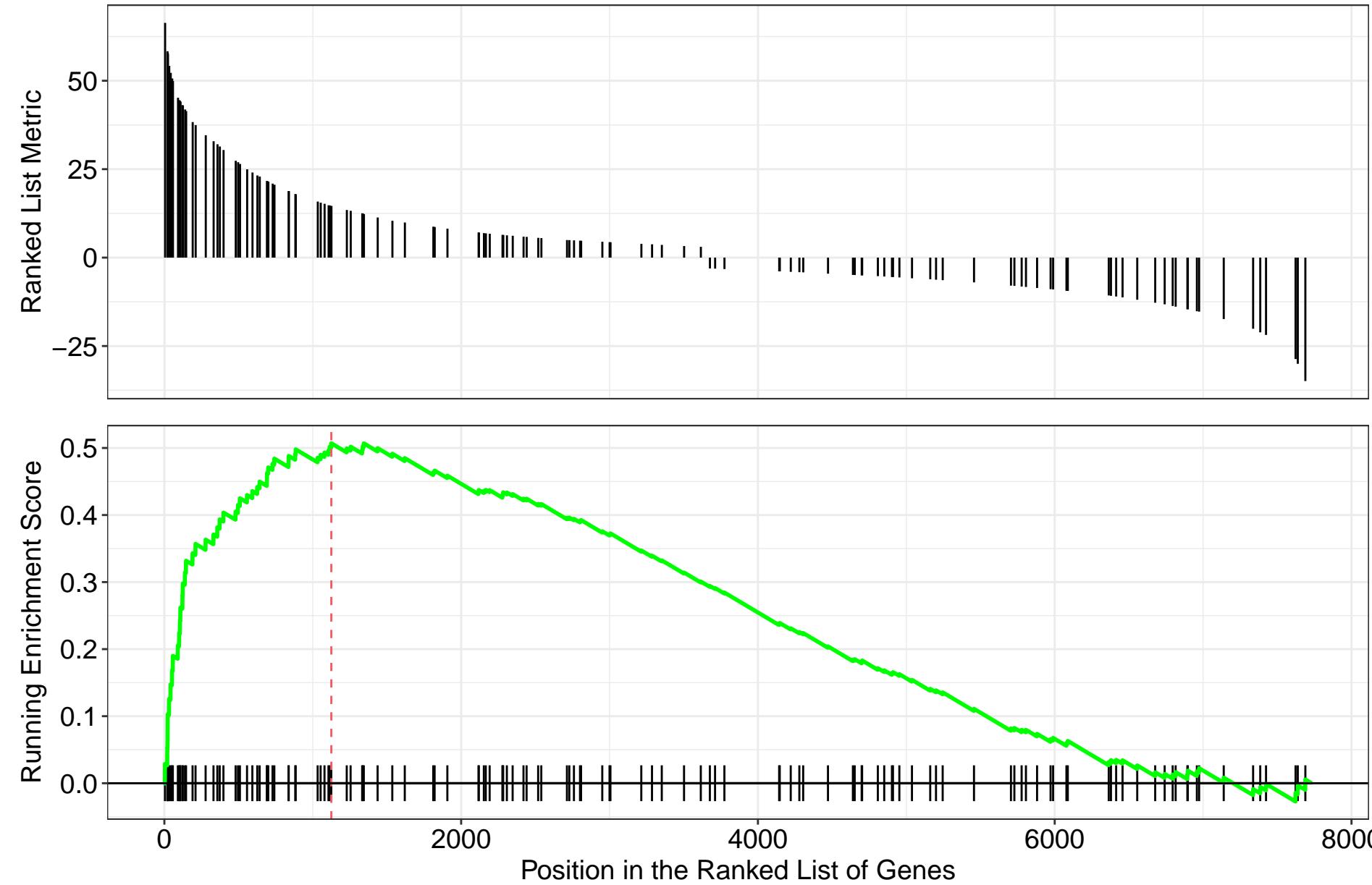
# chemokine-mediated signaling pathway



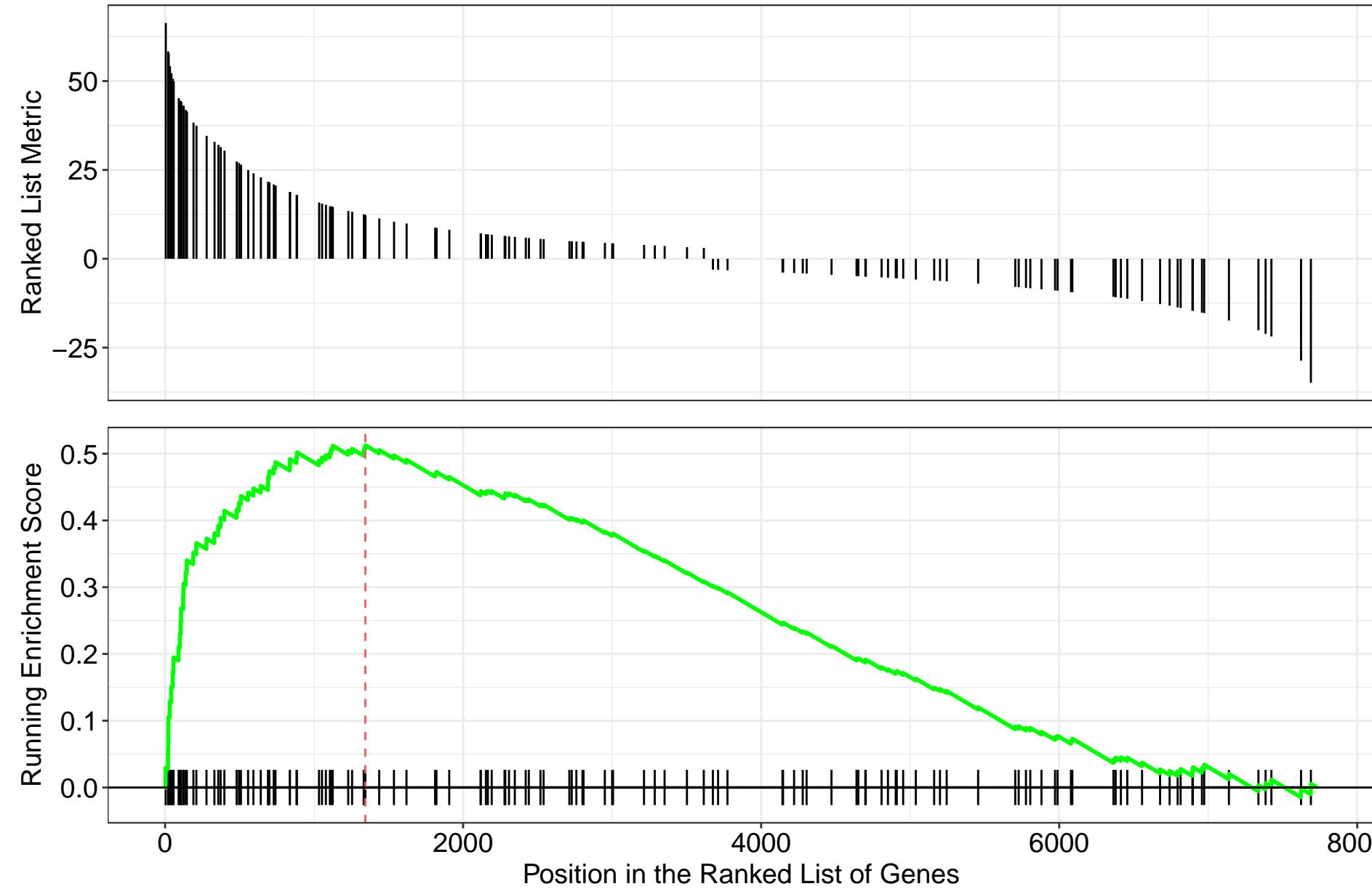
# regulation of cell motility



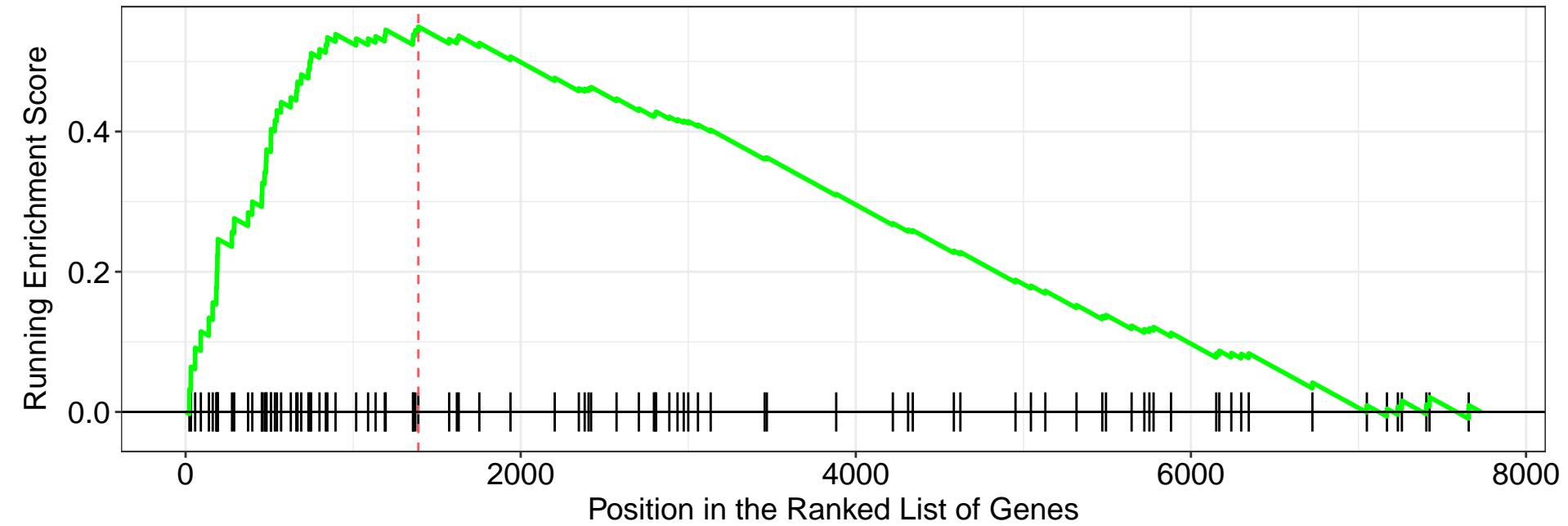
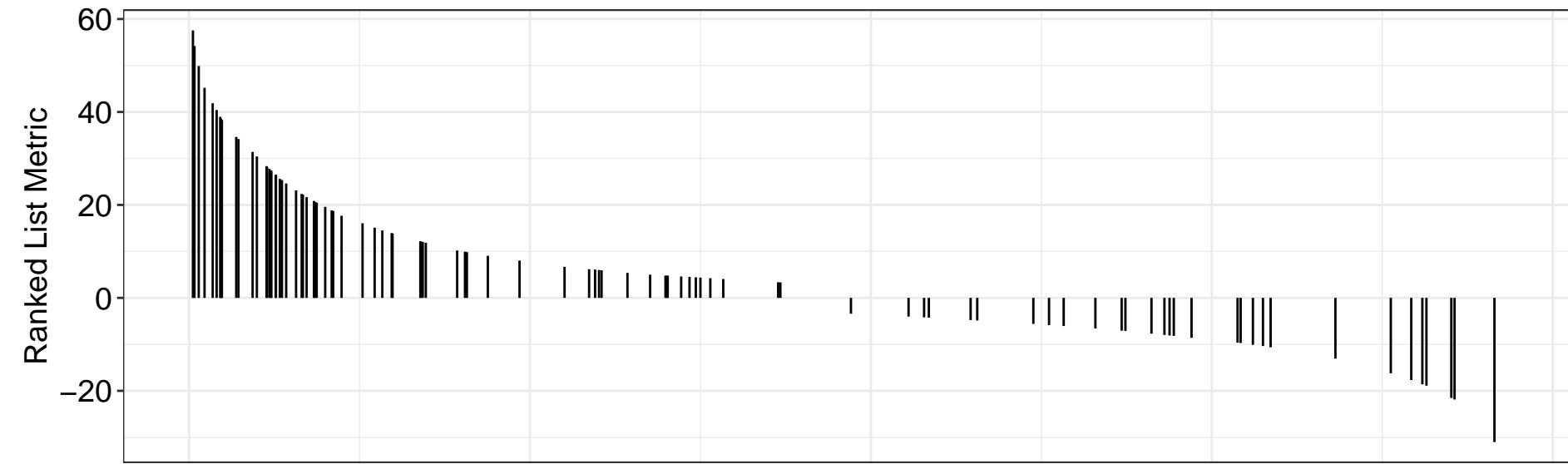
# regulation of mononuclear cell proliferation



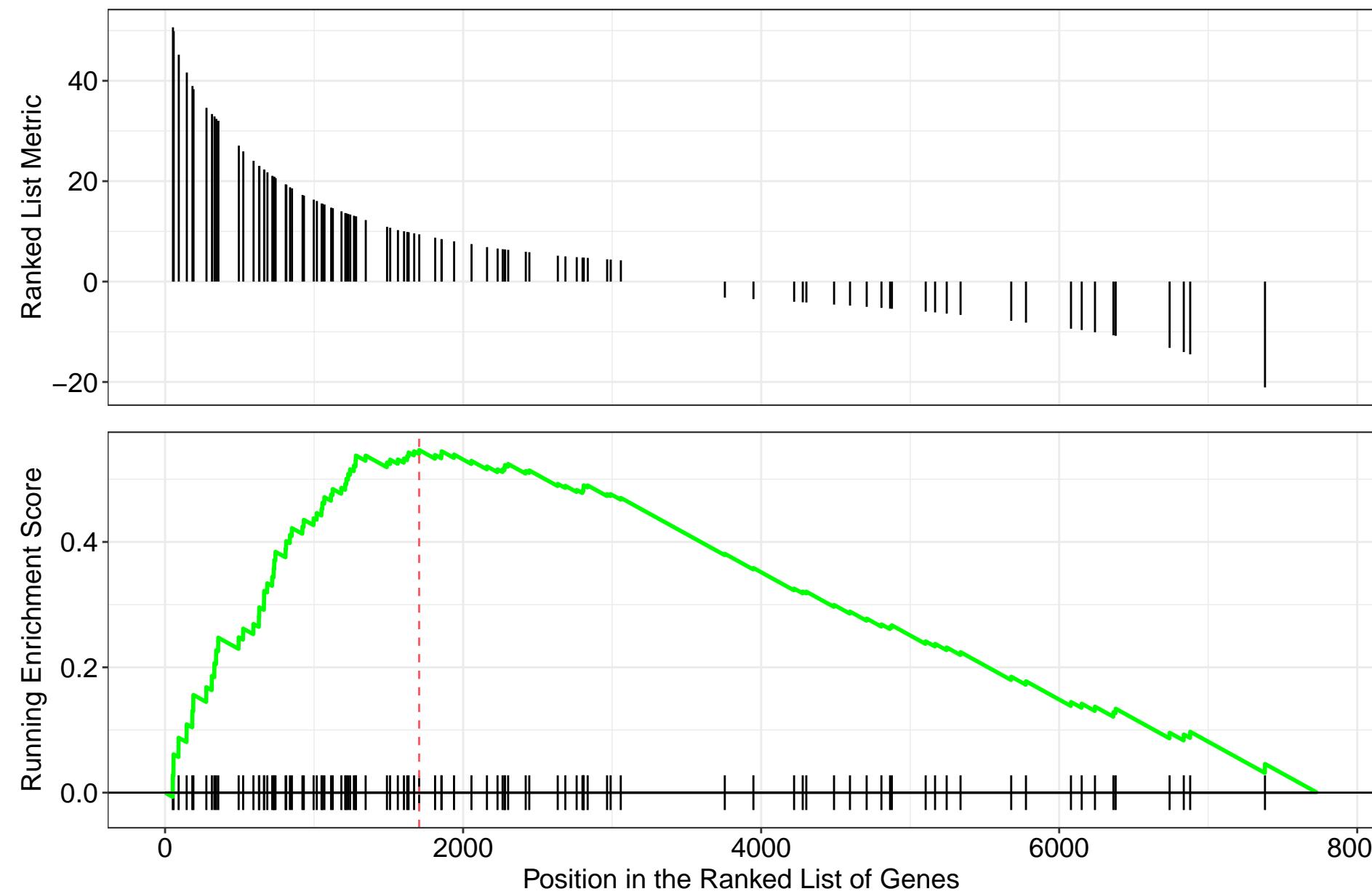
# regulation of lymphocyte proliferation



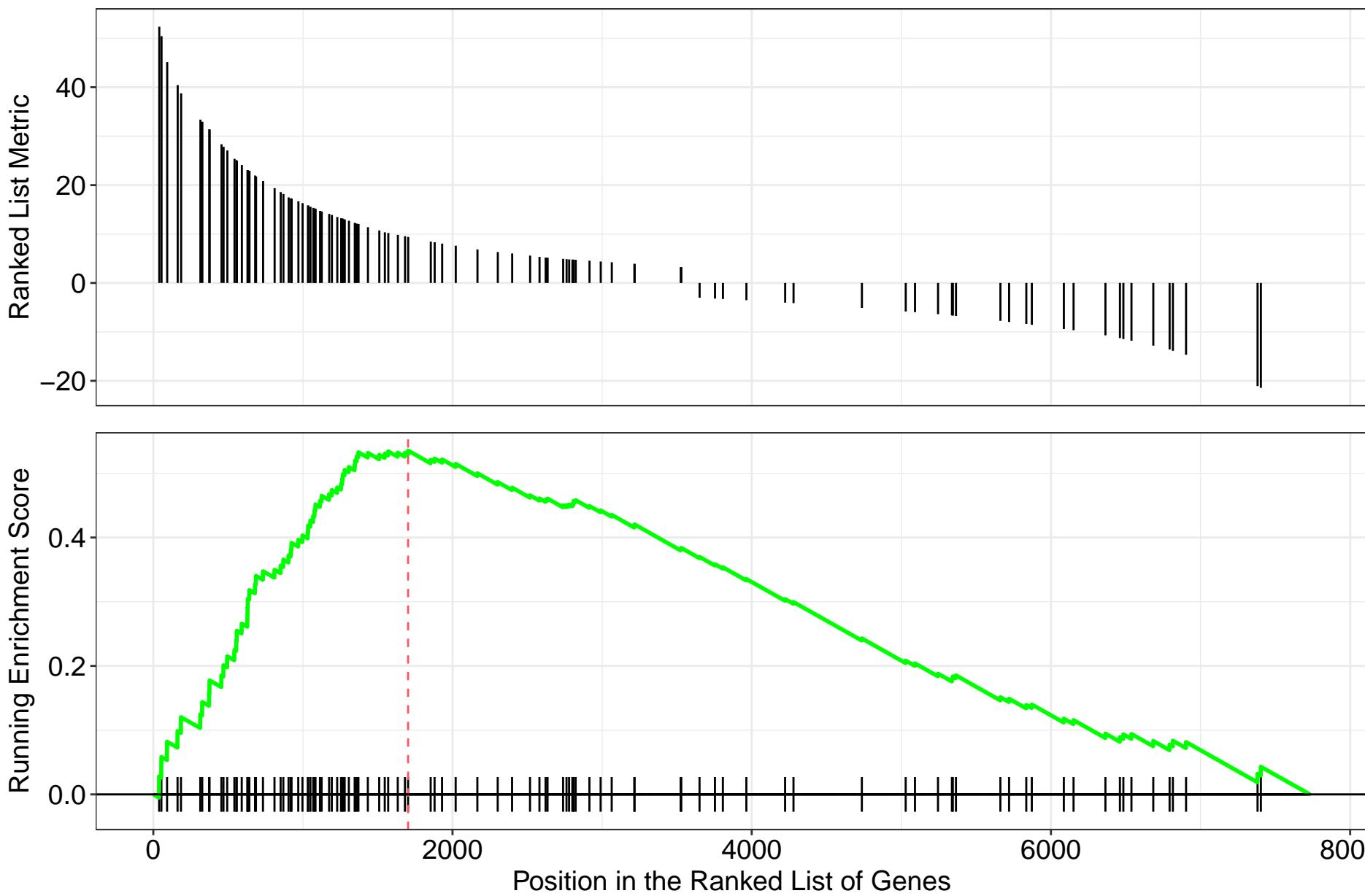
# positive regulation of leukocyte mediated immunity



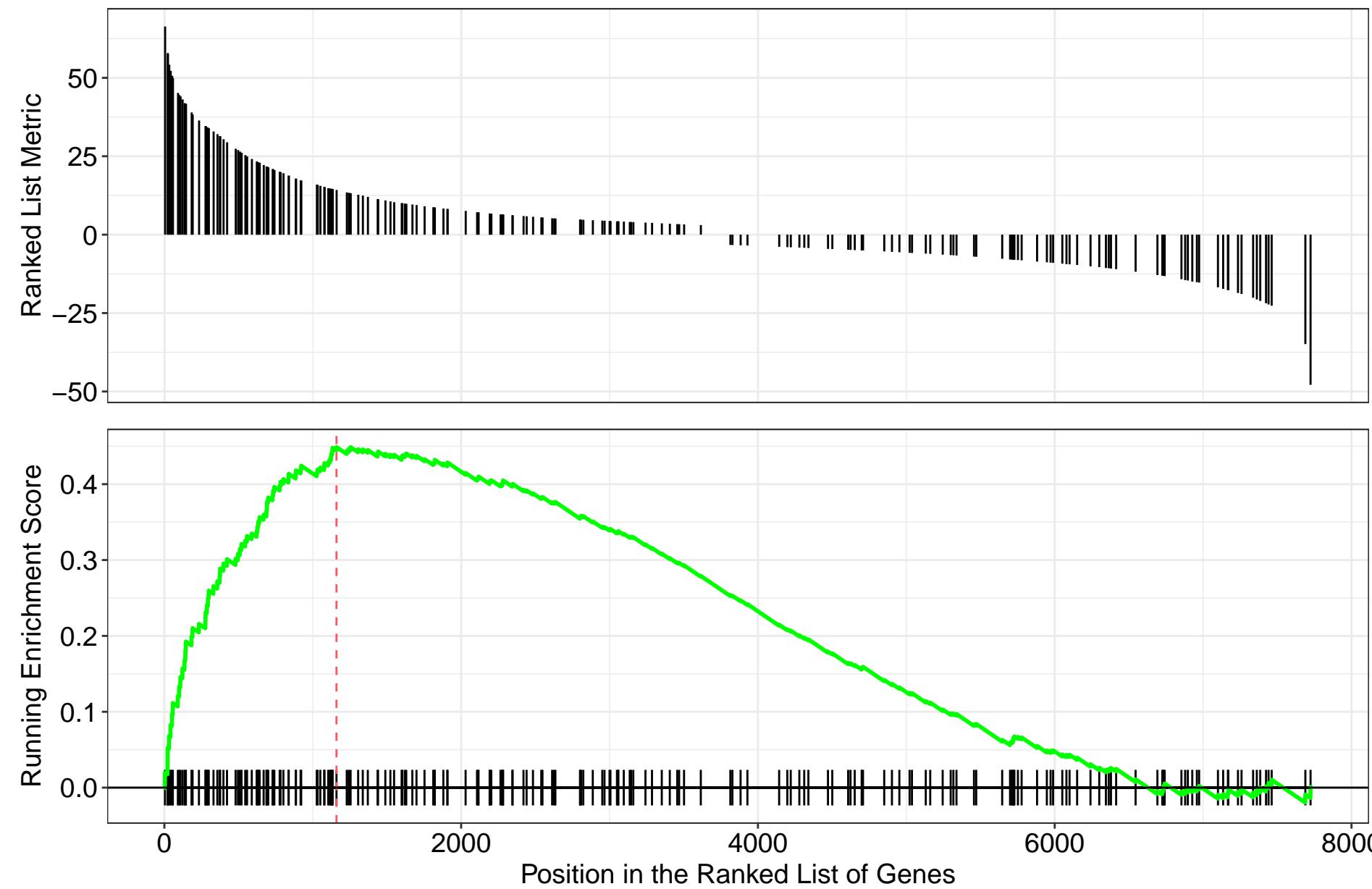
# regulation of tumor necrosis factor superfamily cytokine production



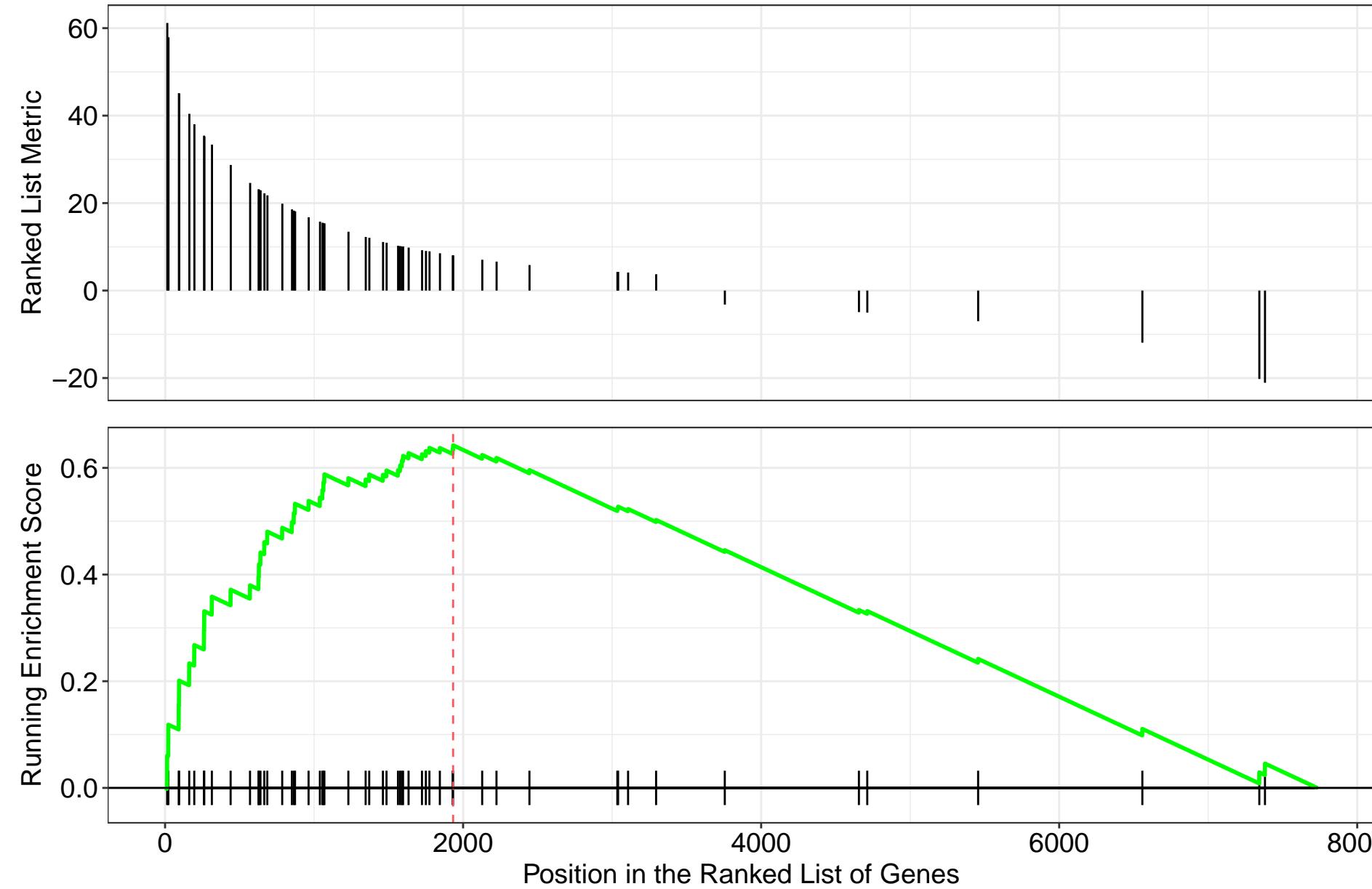
# pattern recognition receptor signaling pathway



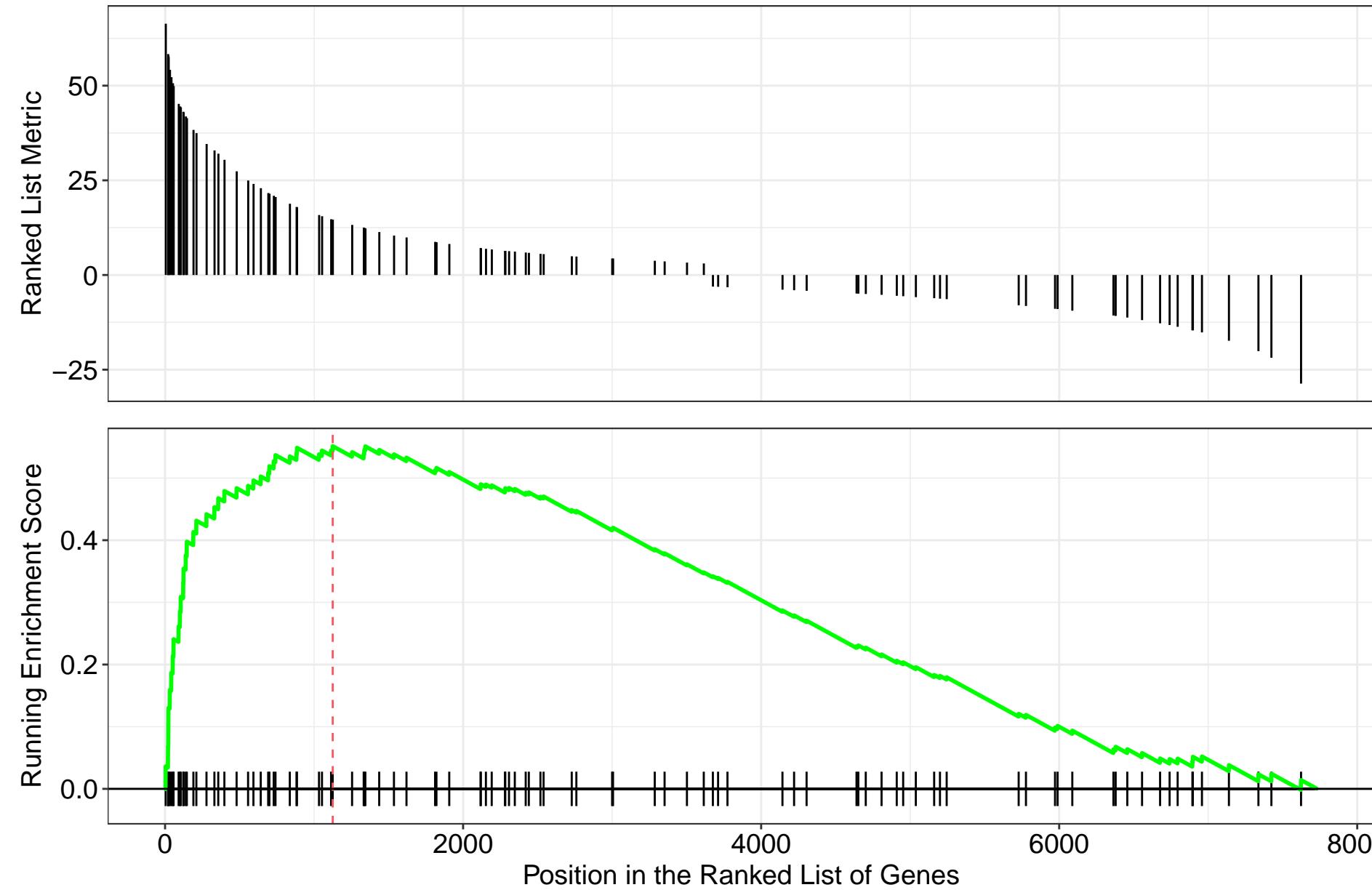
# positive regulation of cell activation



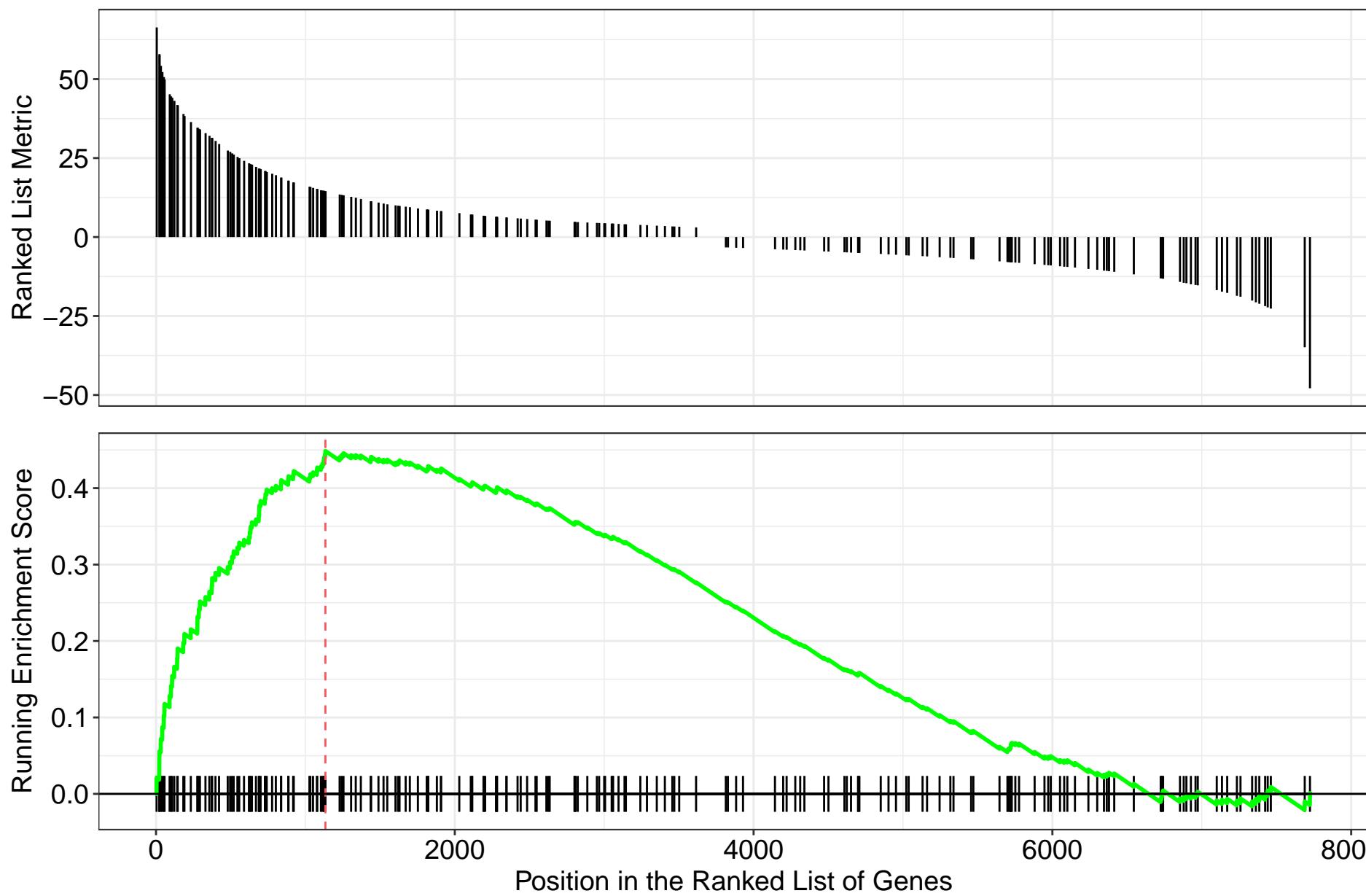
# regulation of viral genome replication



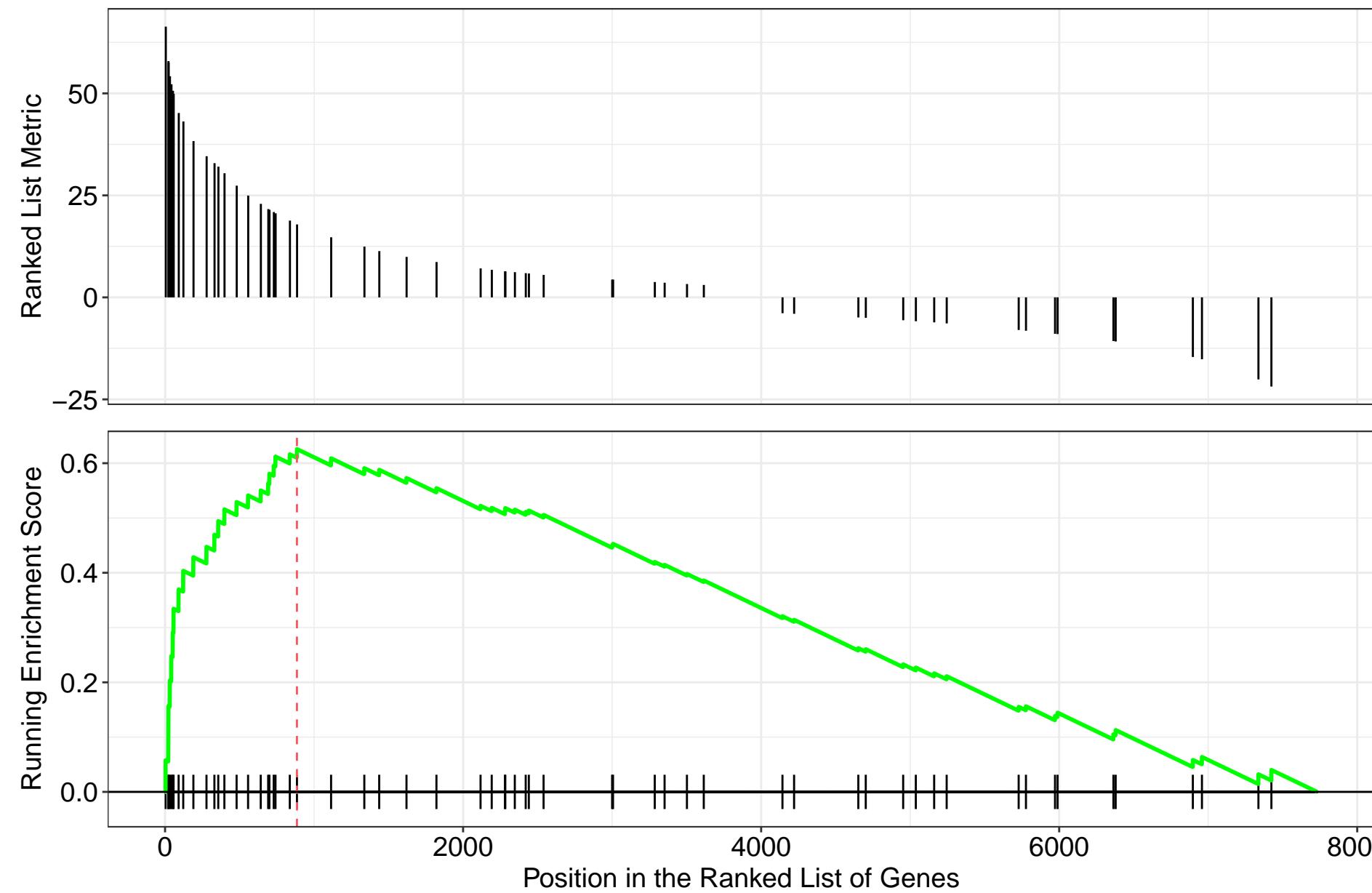
# regulation of T cell proliferation



# positive regulation of leukocyte activation

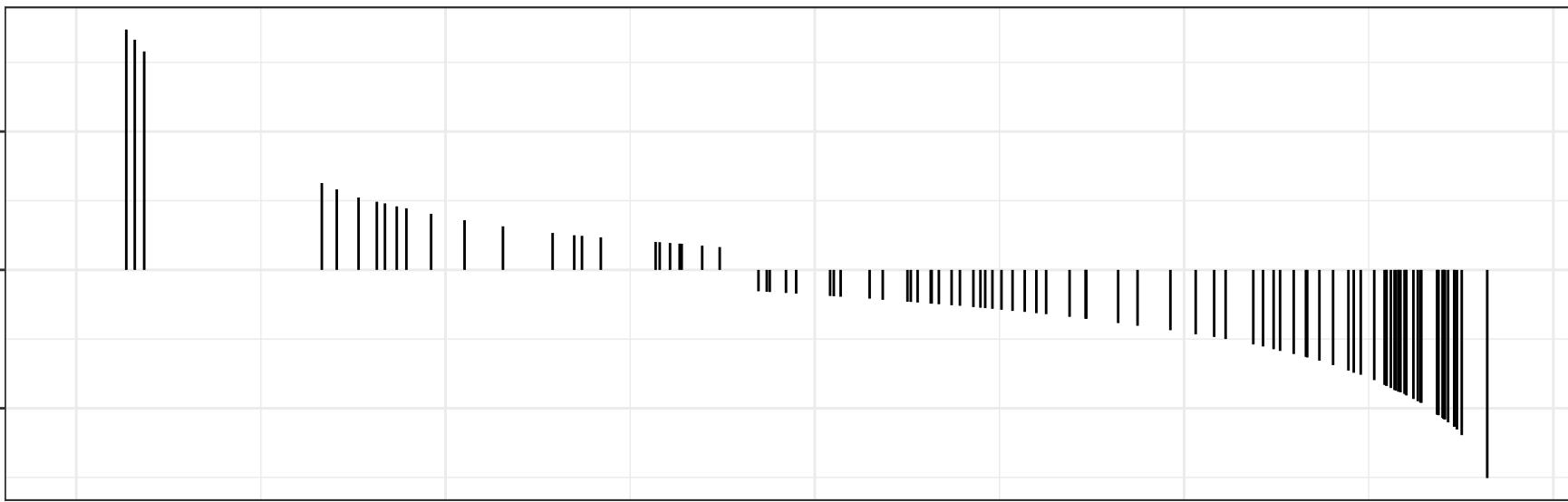


# positive regulation of T cell proliferation

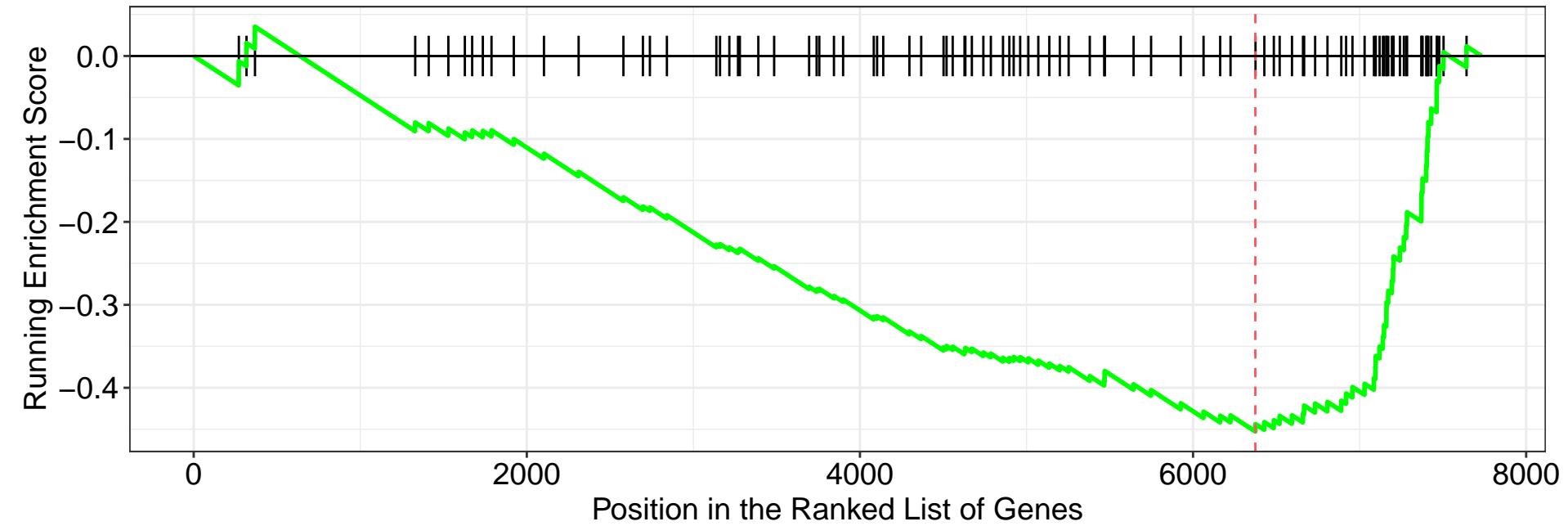


# spindle organization

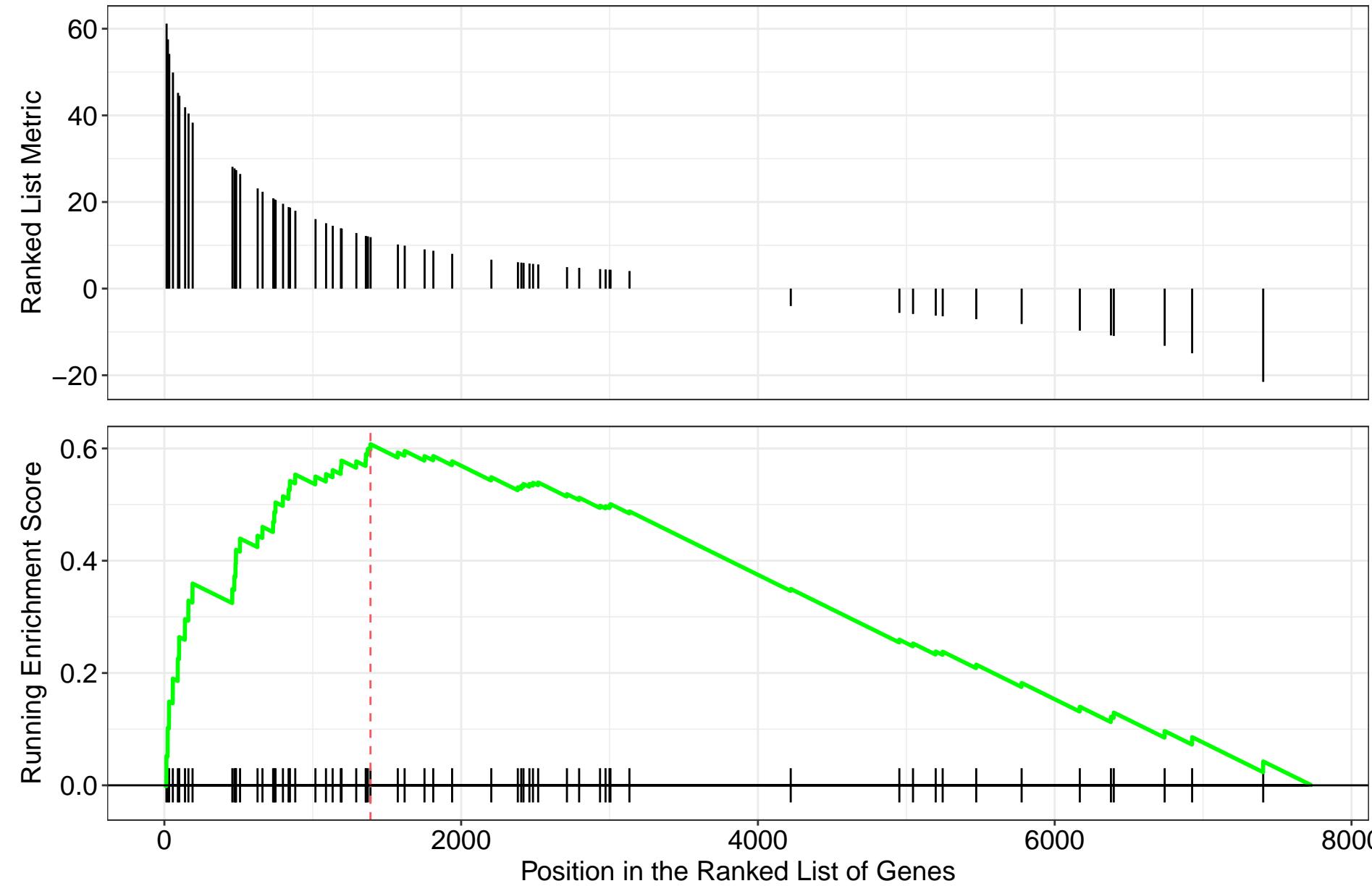
Ranked List Metric



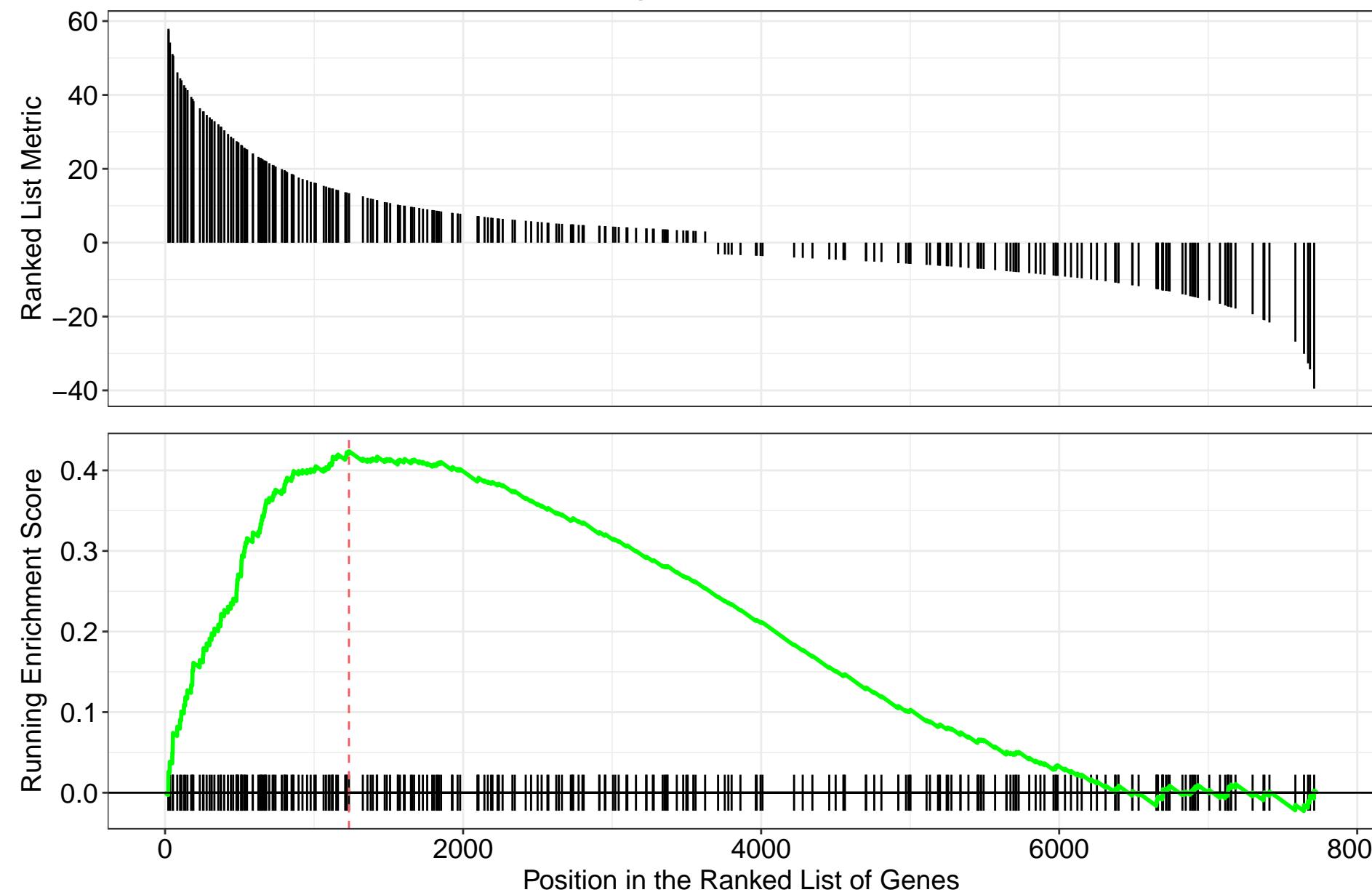
Running Enrichment Score



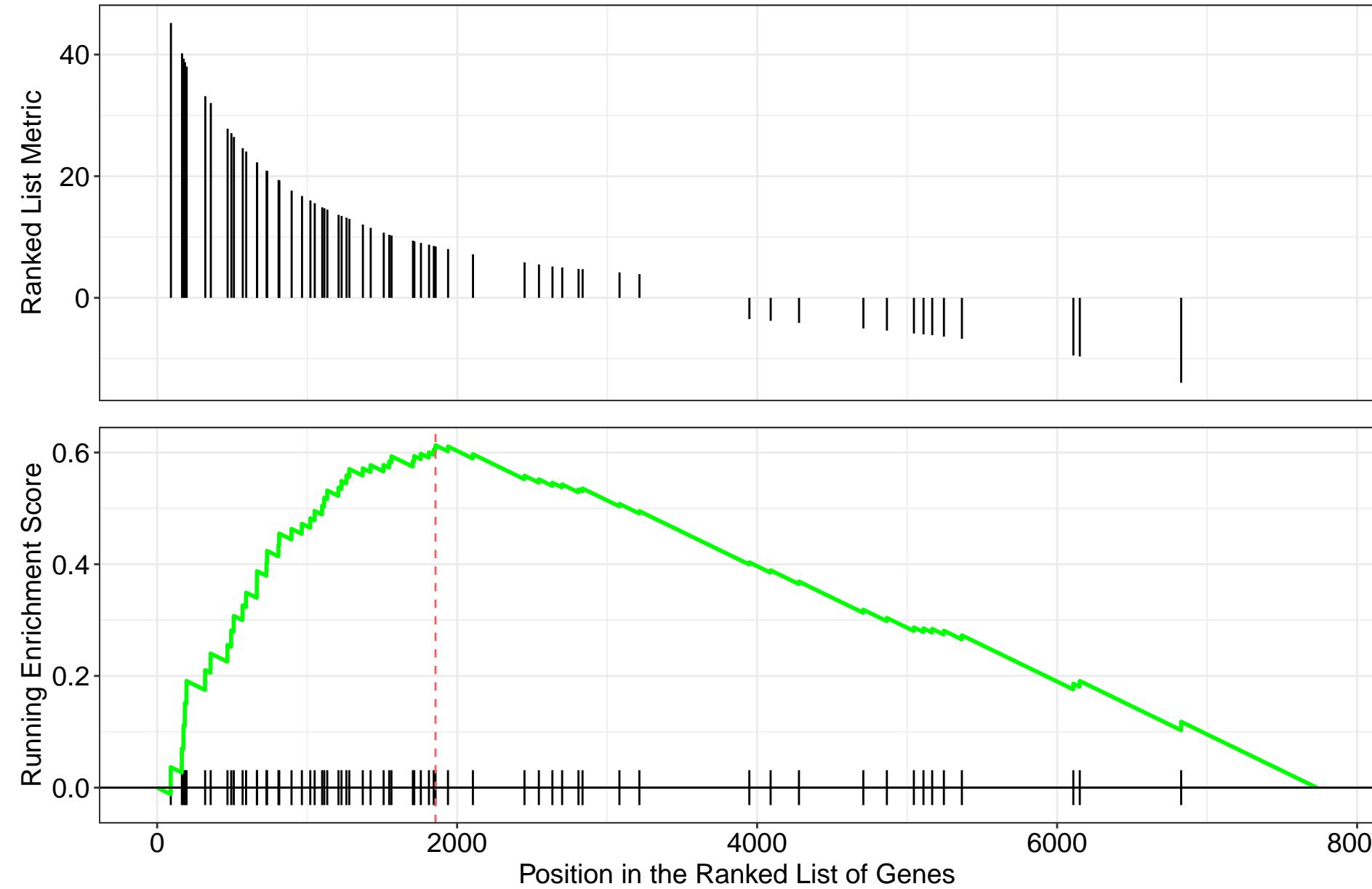
# regulation of T cell mediated immunity



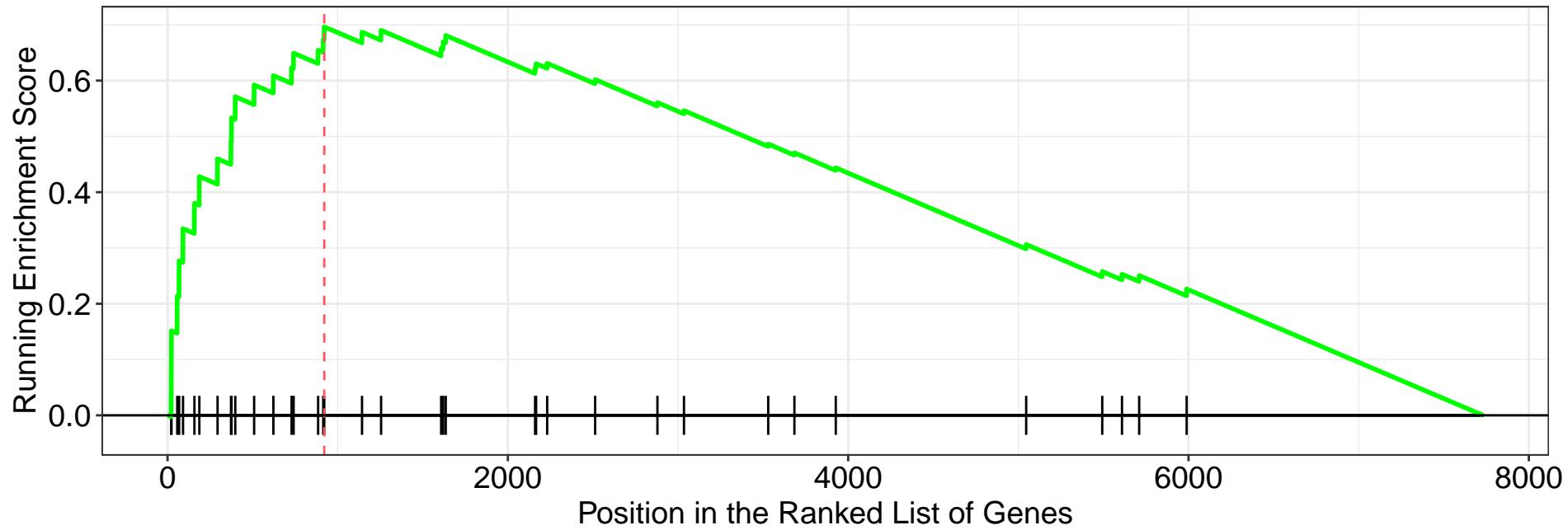
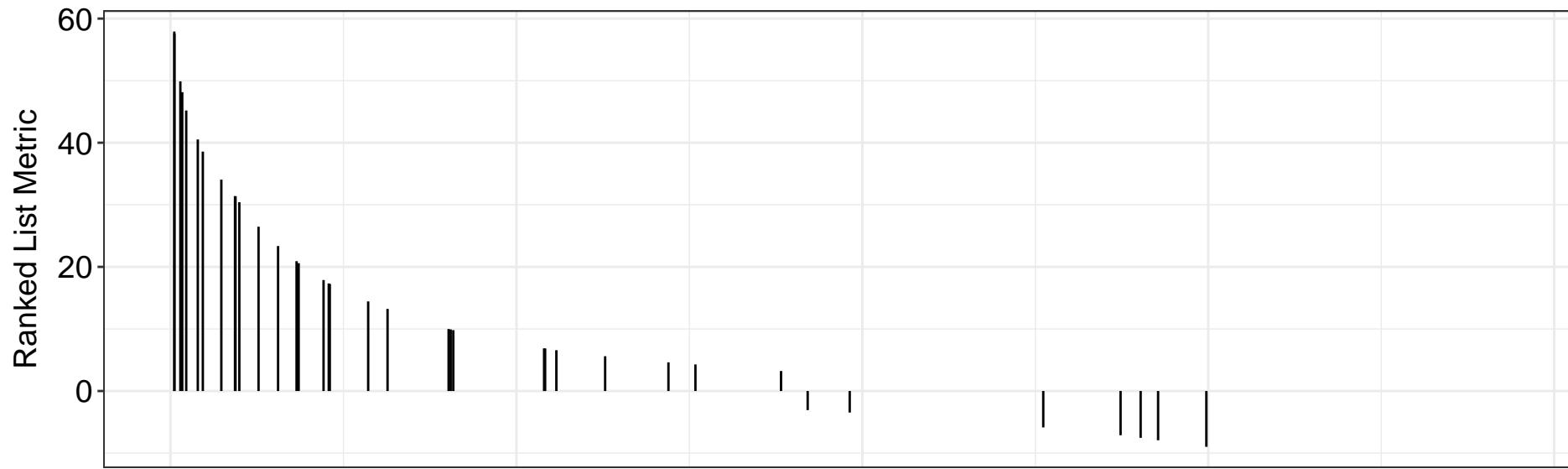
# positive regulation of cell motility



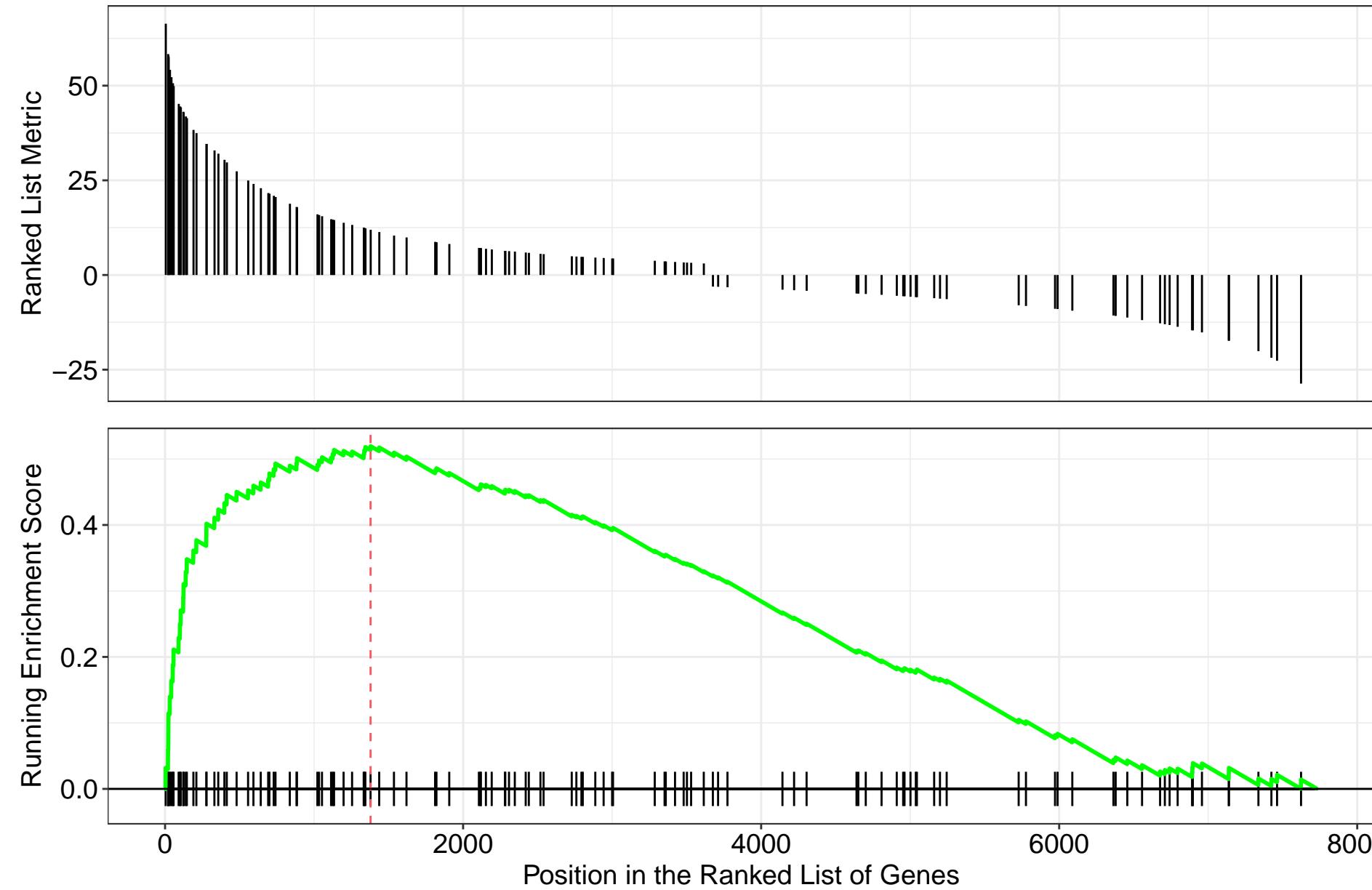
# regulation of interleukin–1 beta production



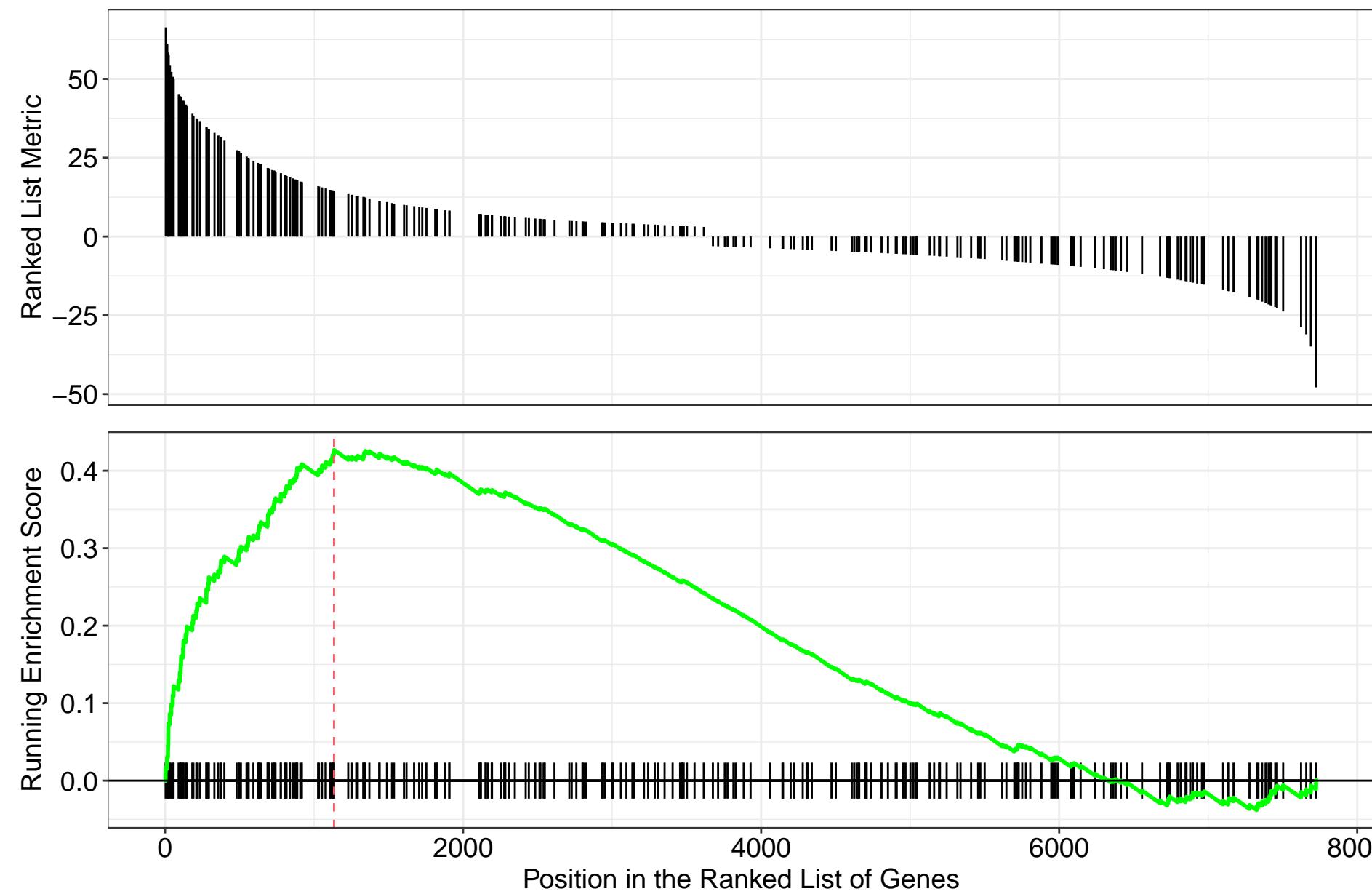
# regulation of tyrosine phosphorylation of STAT protein



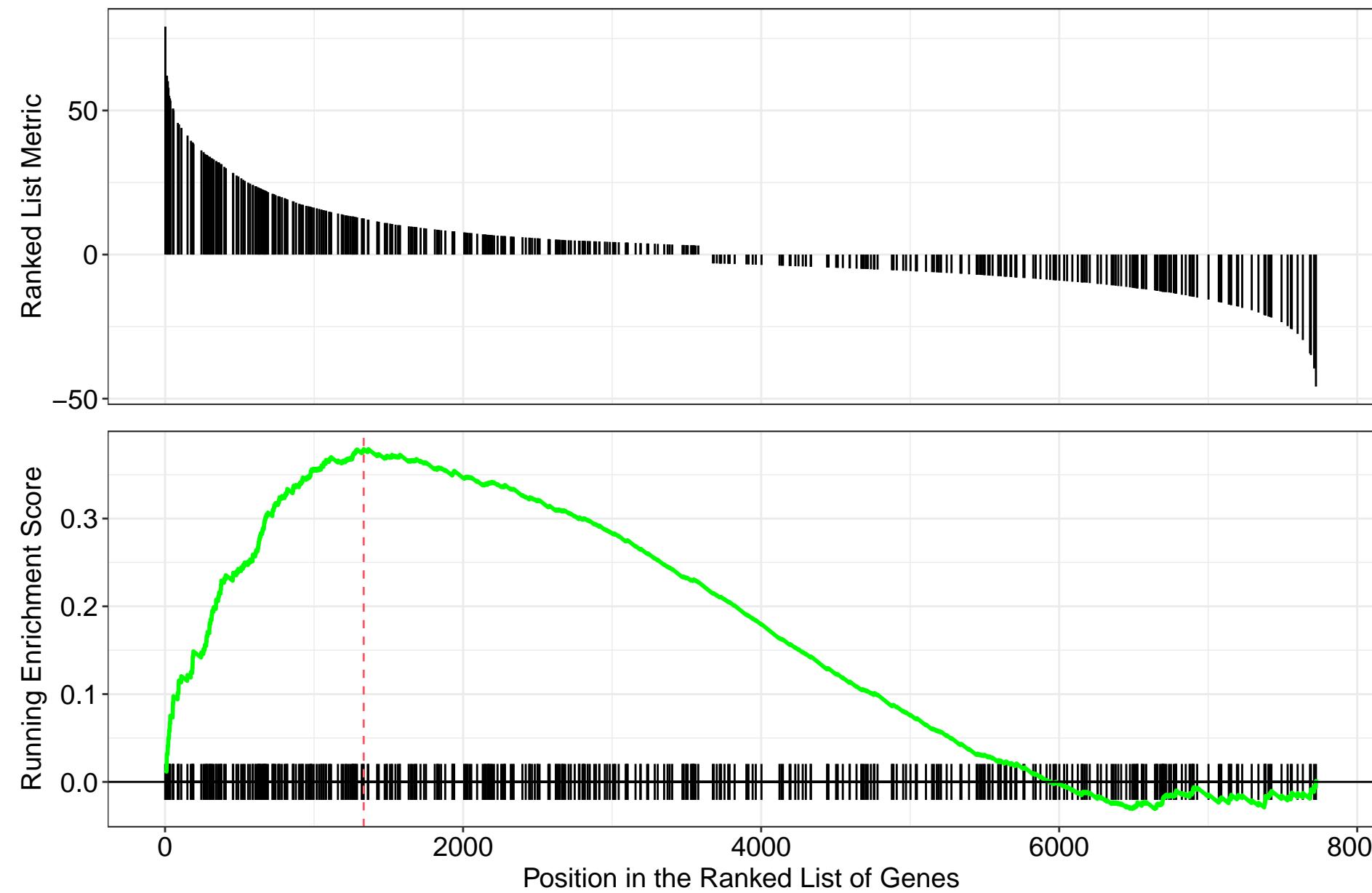
# T cell proliferation



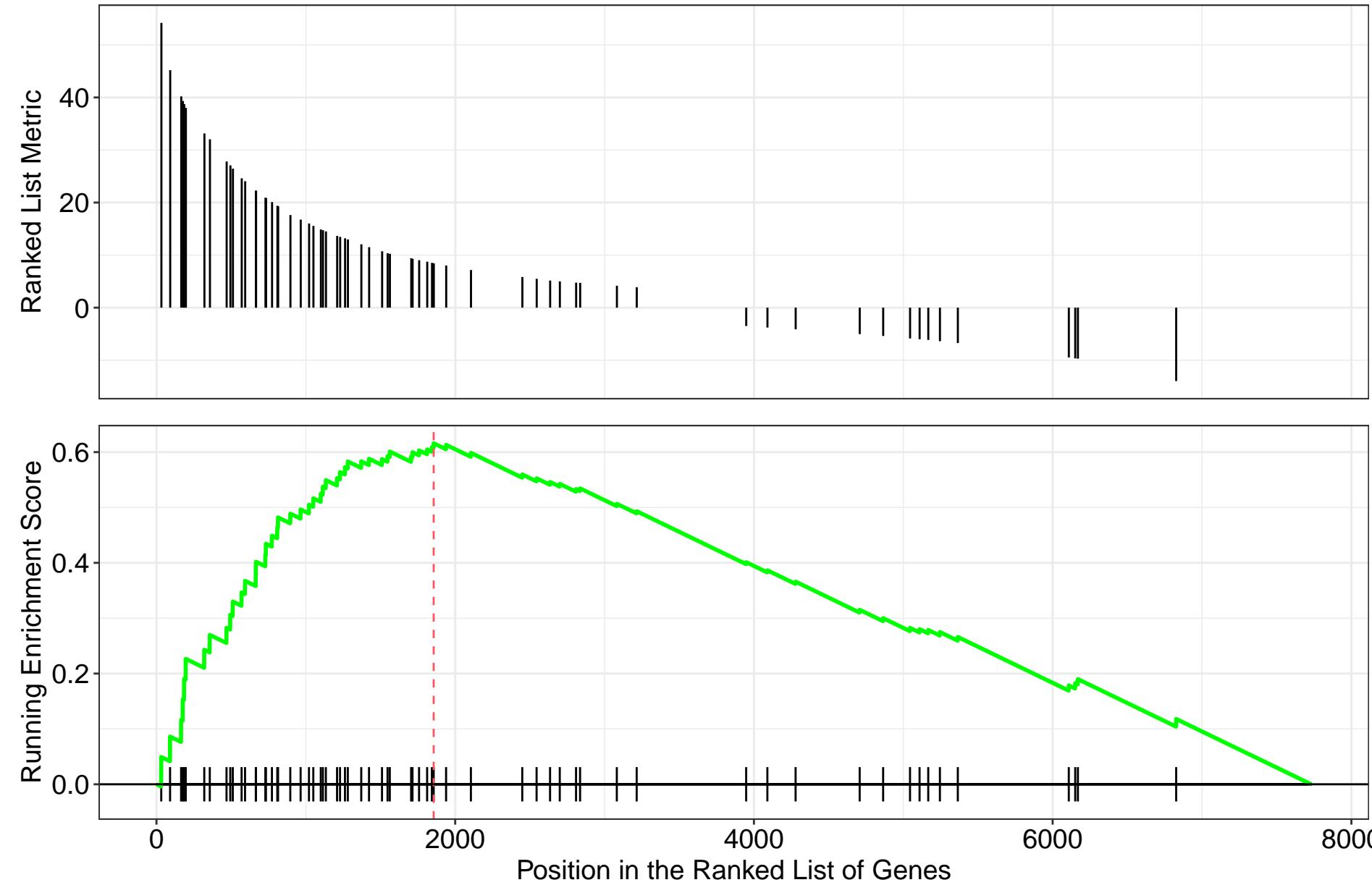
# regulation of lymphocyte activation



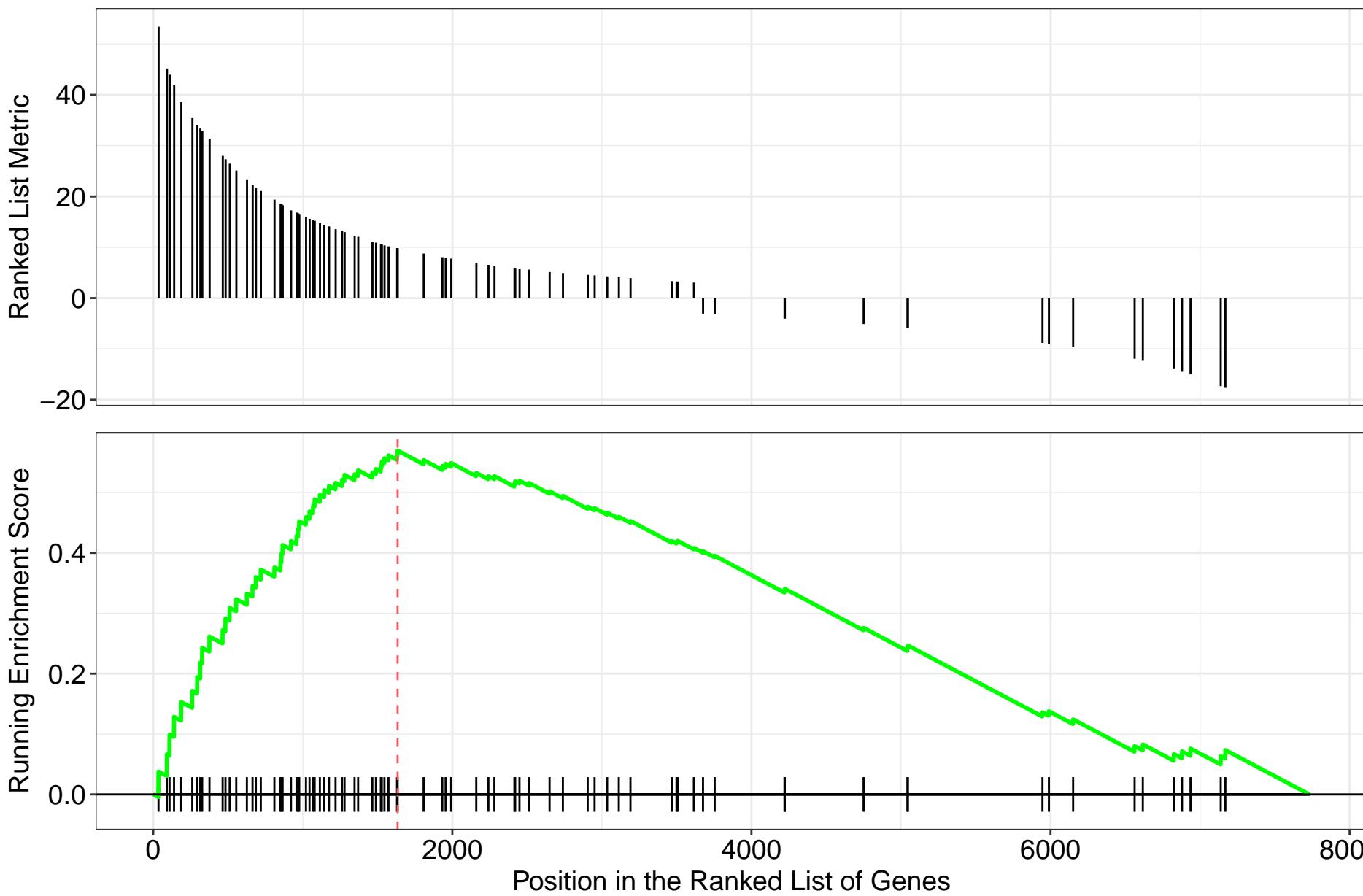
# positive regulation of intracellular signal transduction



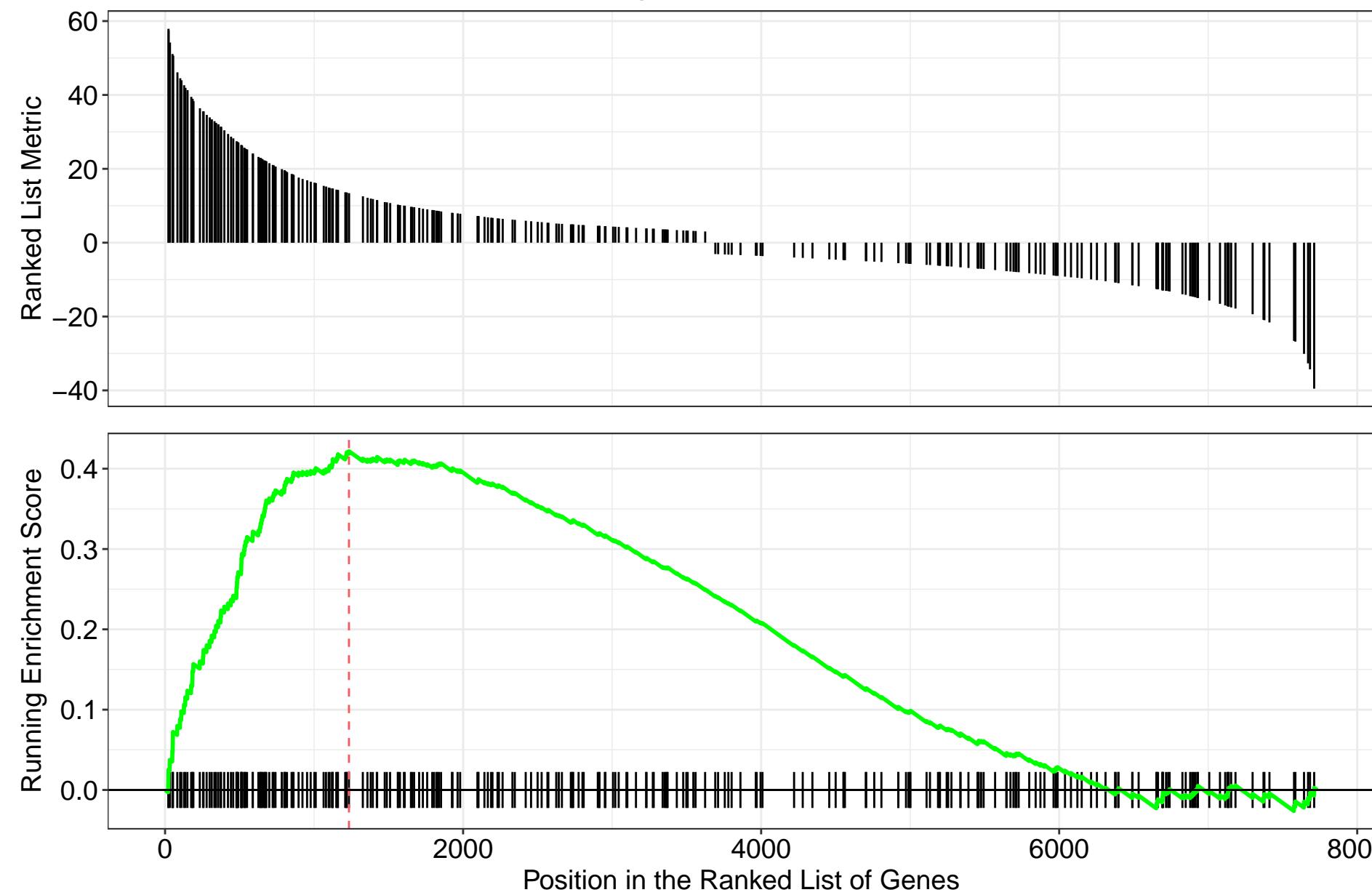
# interleukin-1 beta production



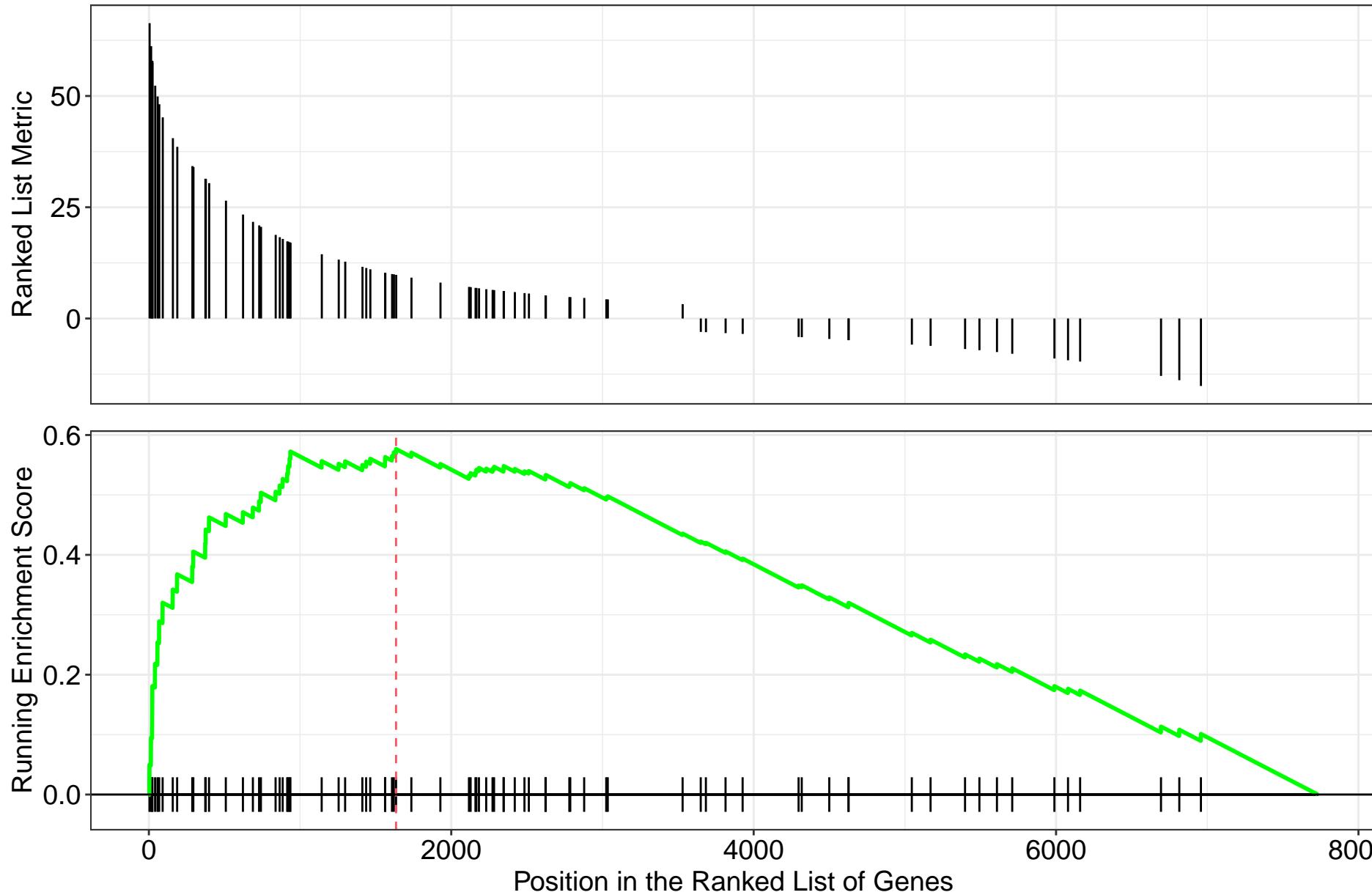
# regulation of cytokine-mediated signaling pathway



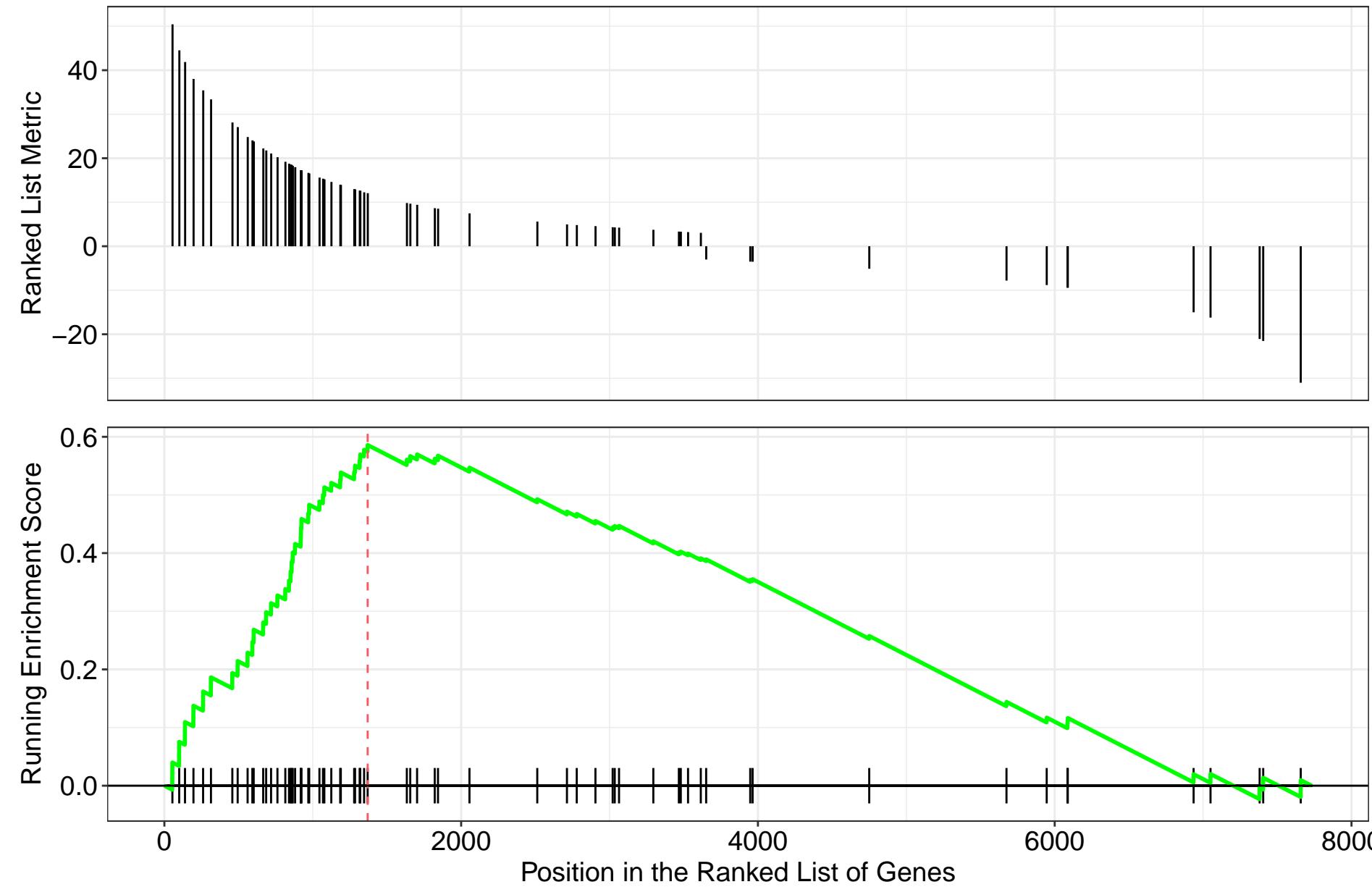
# positive regulation of locomotion



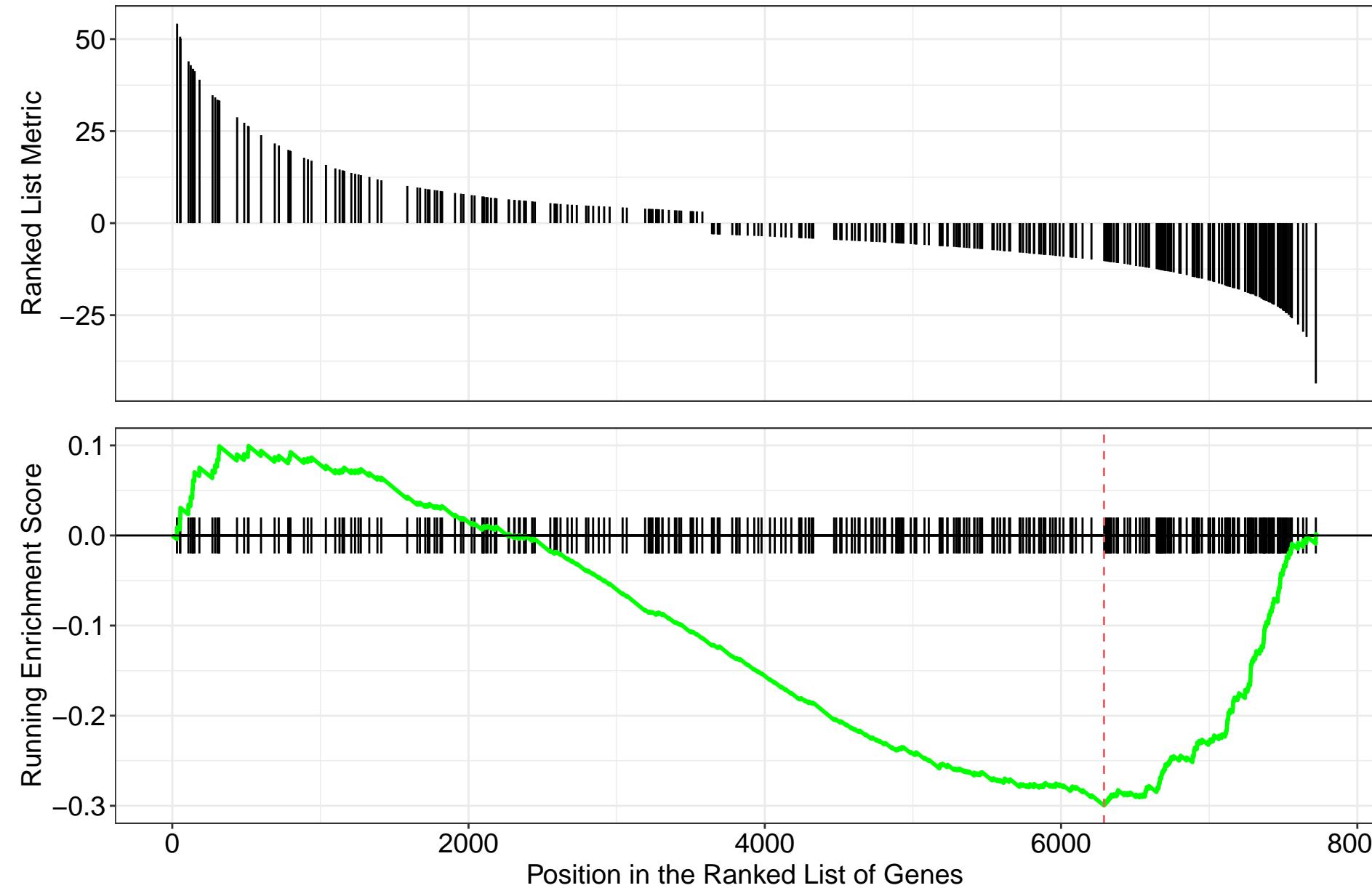
# receptor signaling pathway via JAK–STAT



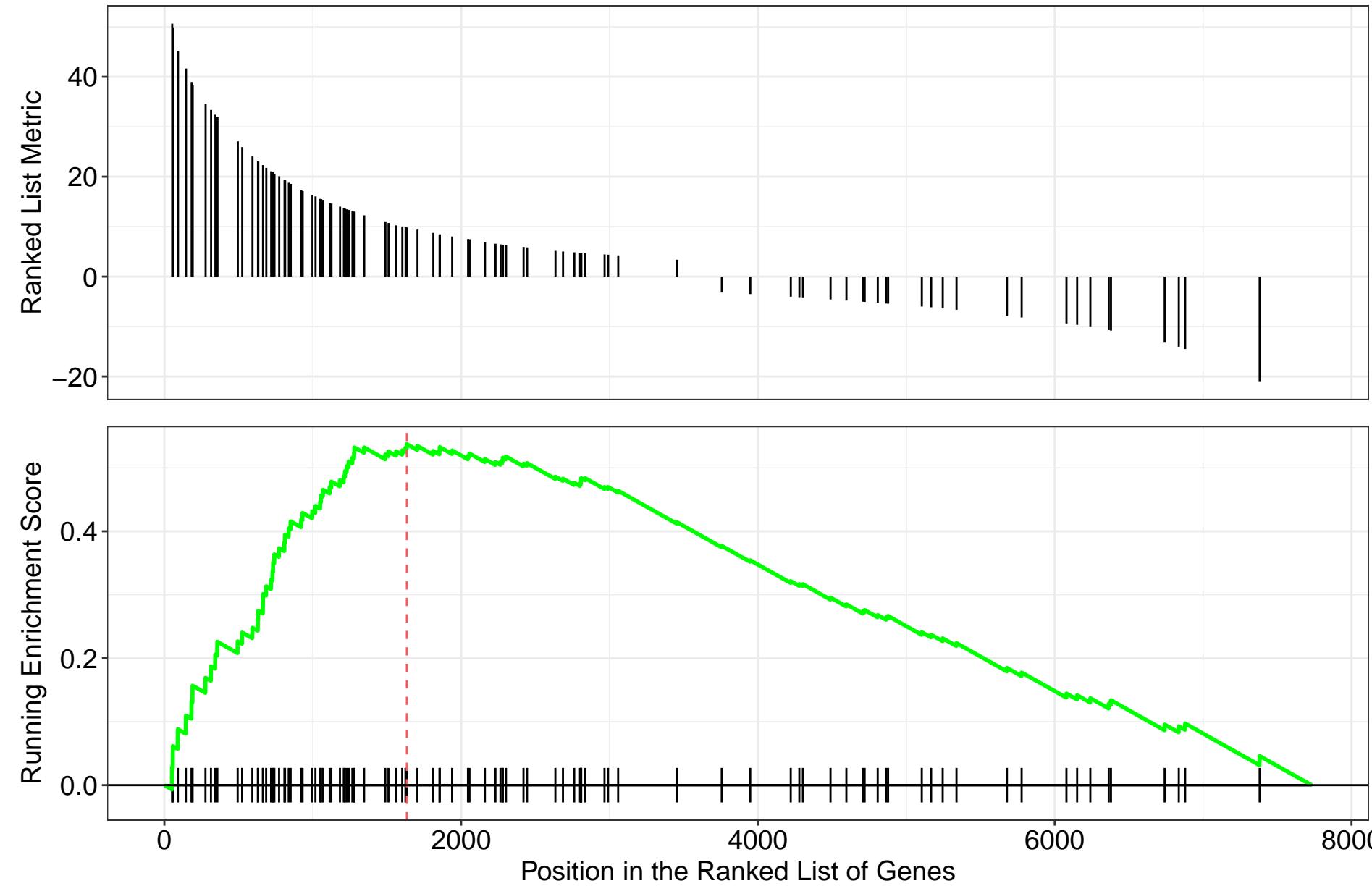
# negative regulation of response to biotic stimulus



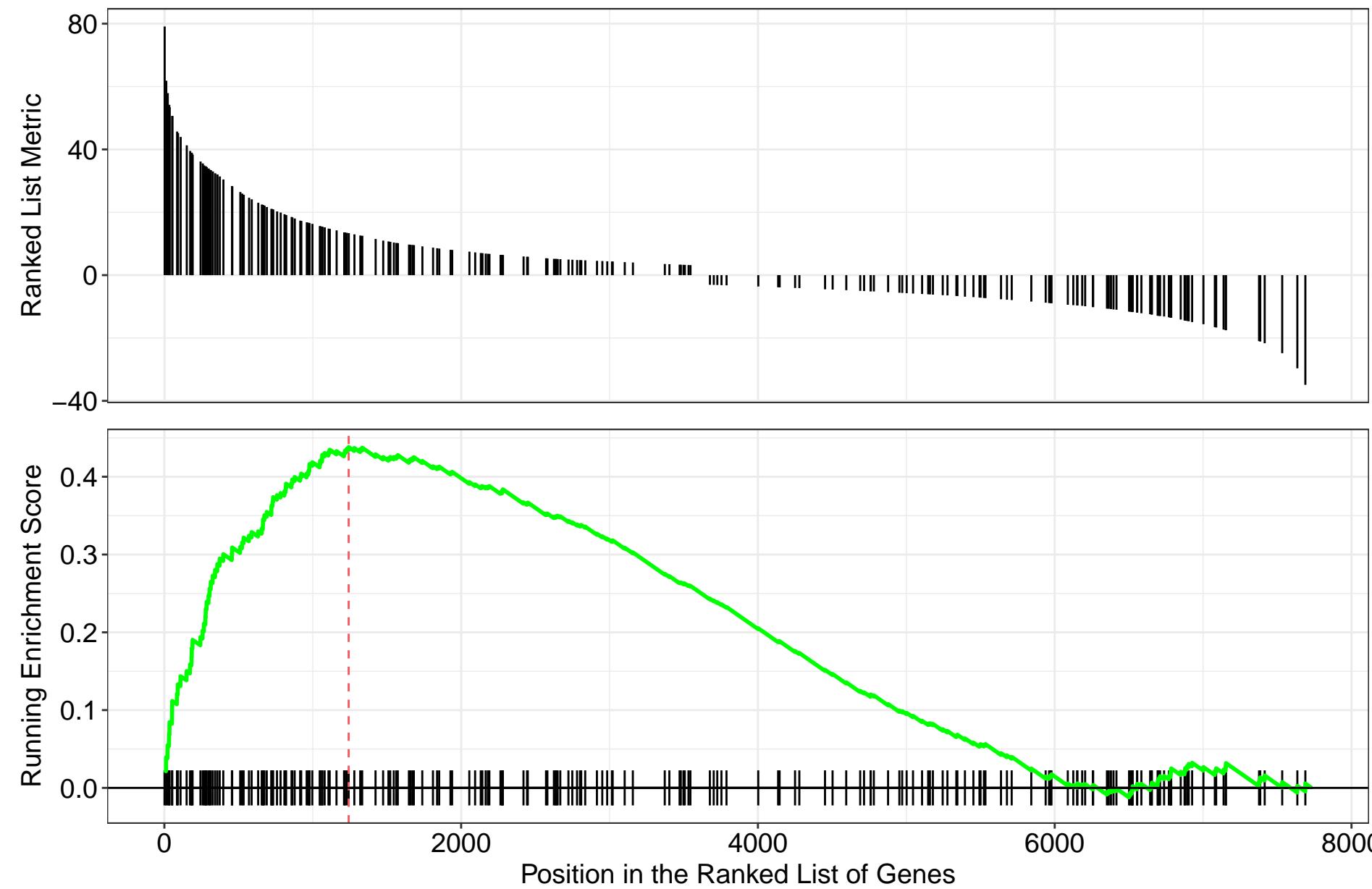
# regulation of cell cycle process



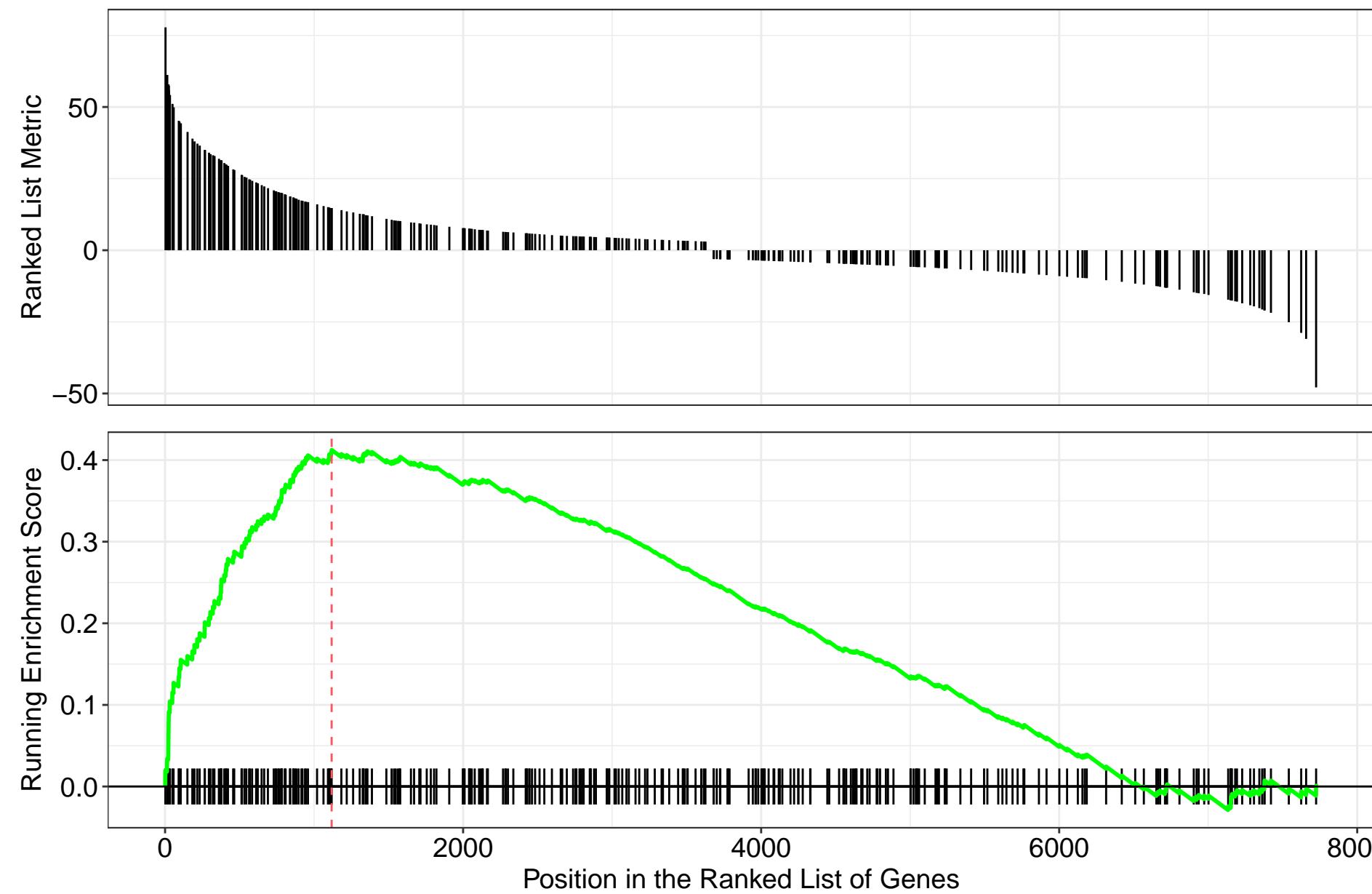
# tumor necrosis factor production



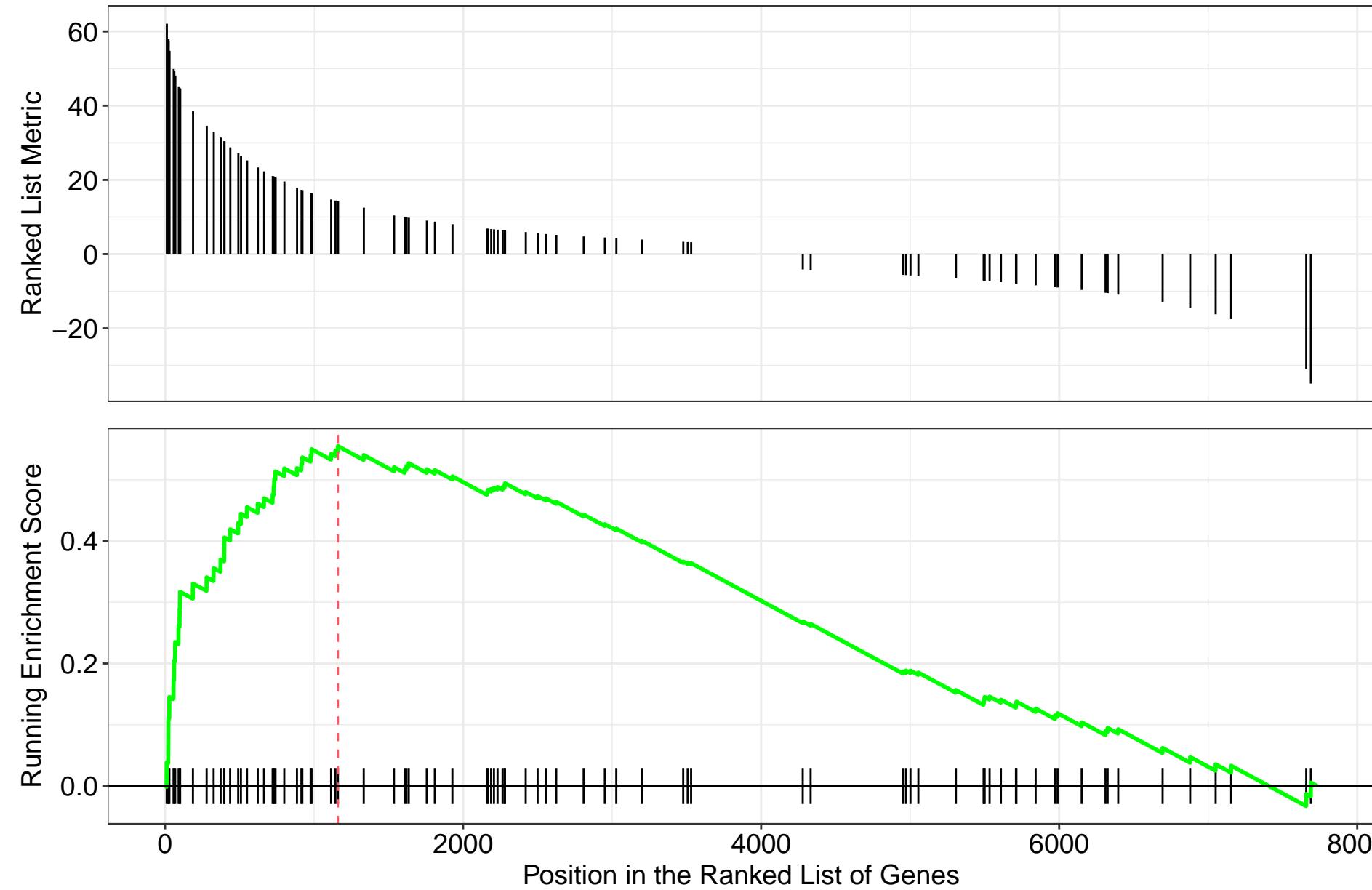
# positive regulation of MAPK cascade



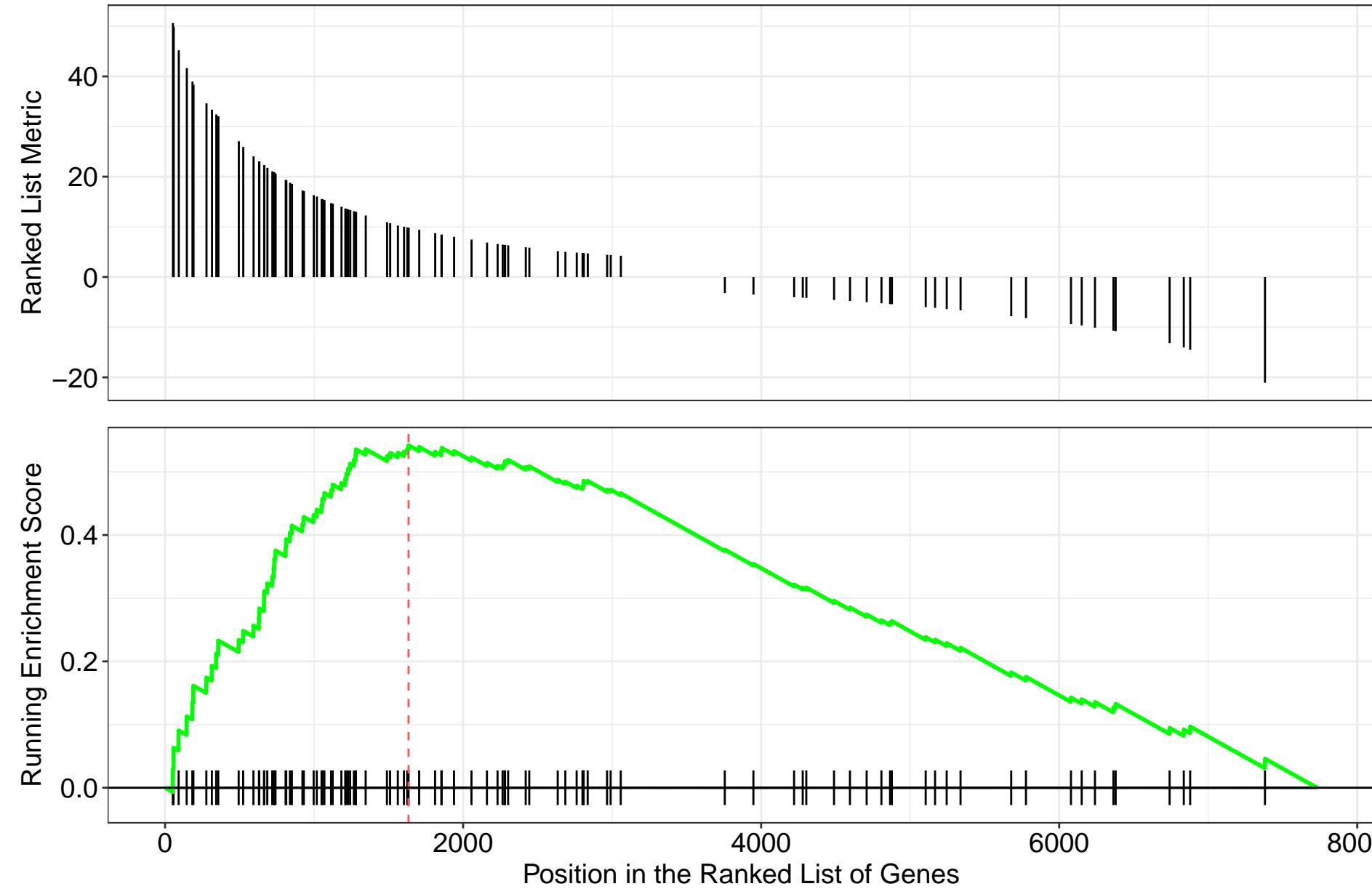
# positive regulation of apoptotic process



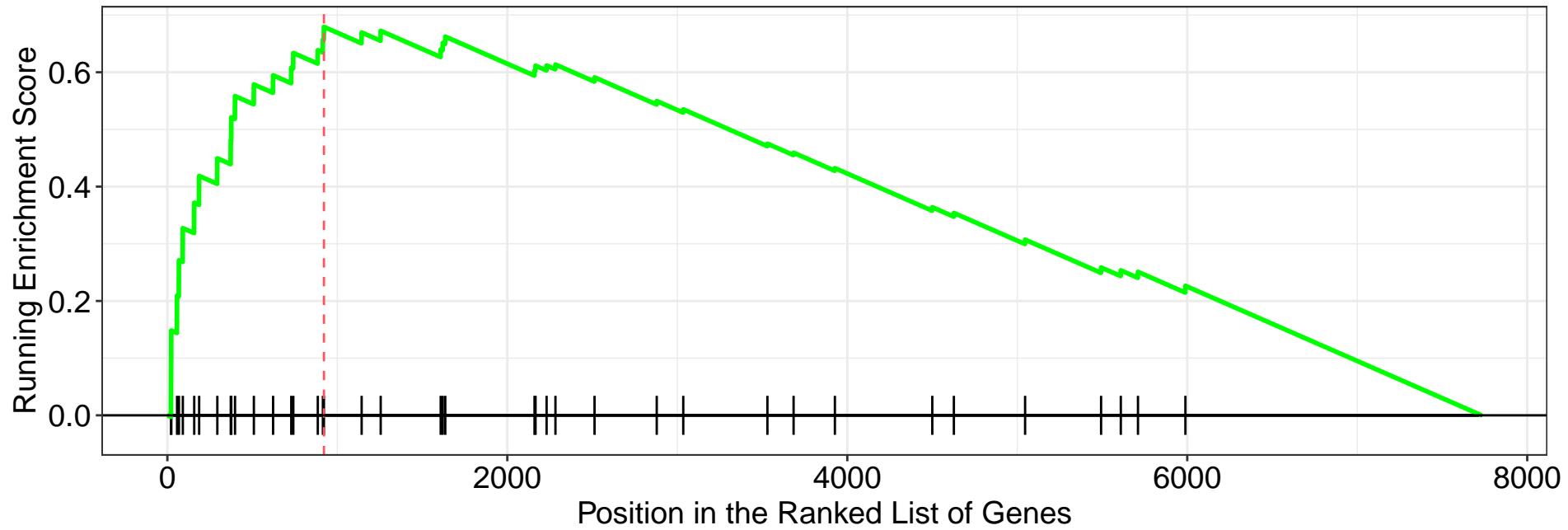
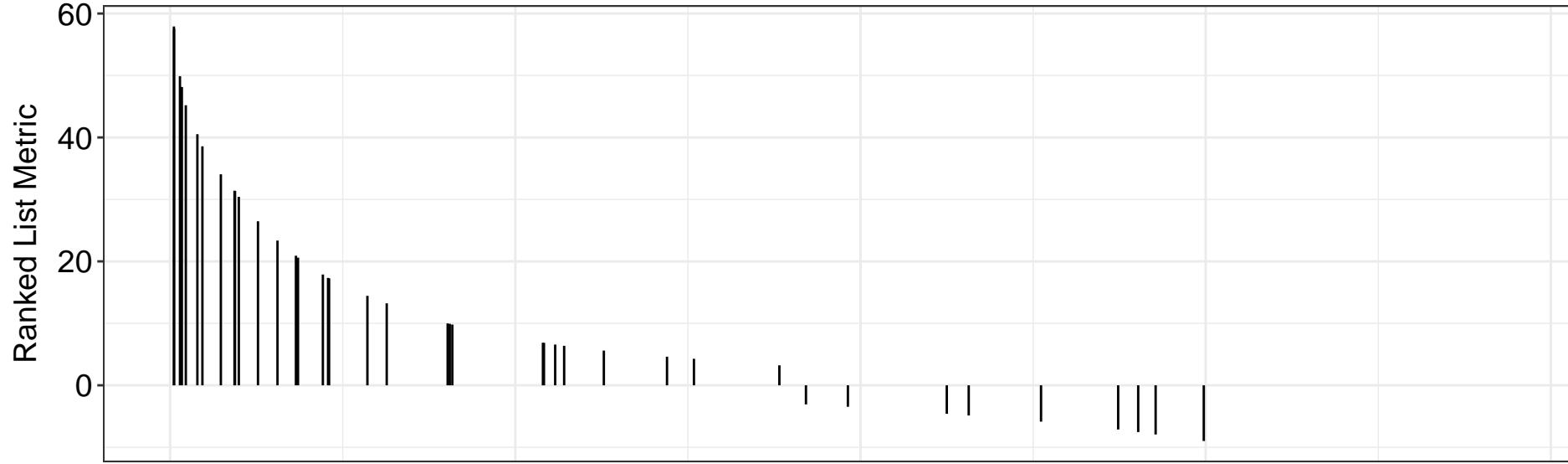
# positive regulation of peptidyl–tyrosine phosphorylation



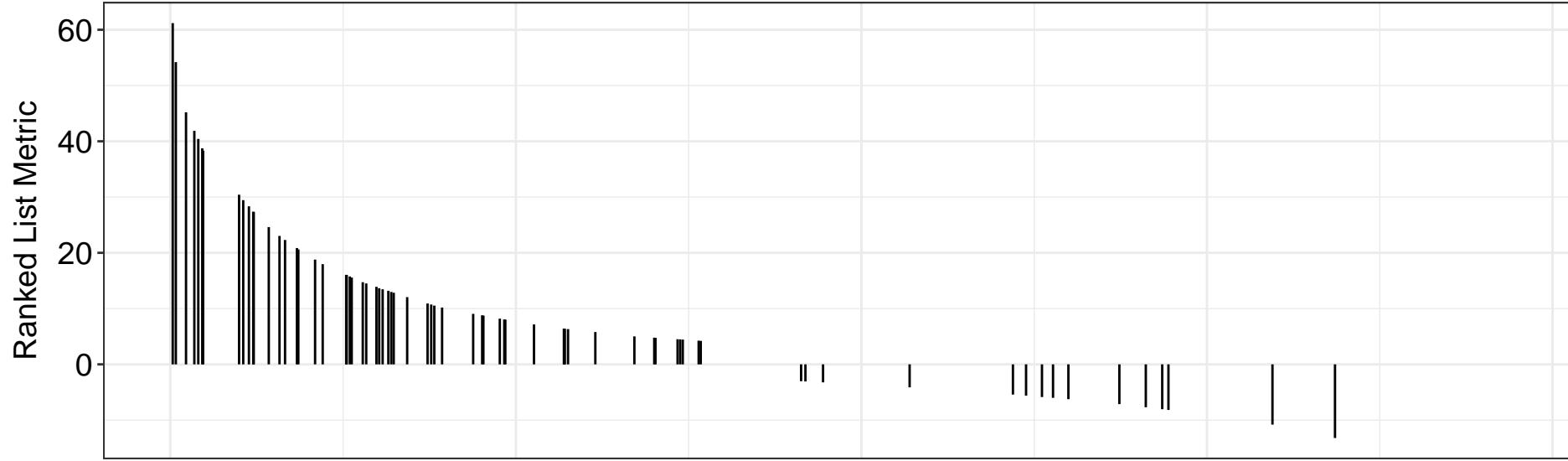
# regulation of tumor necrosis factor production



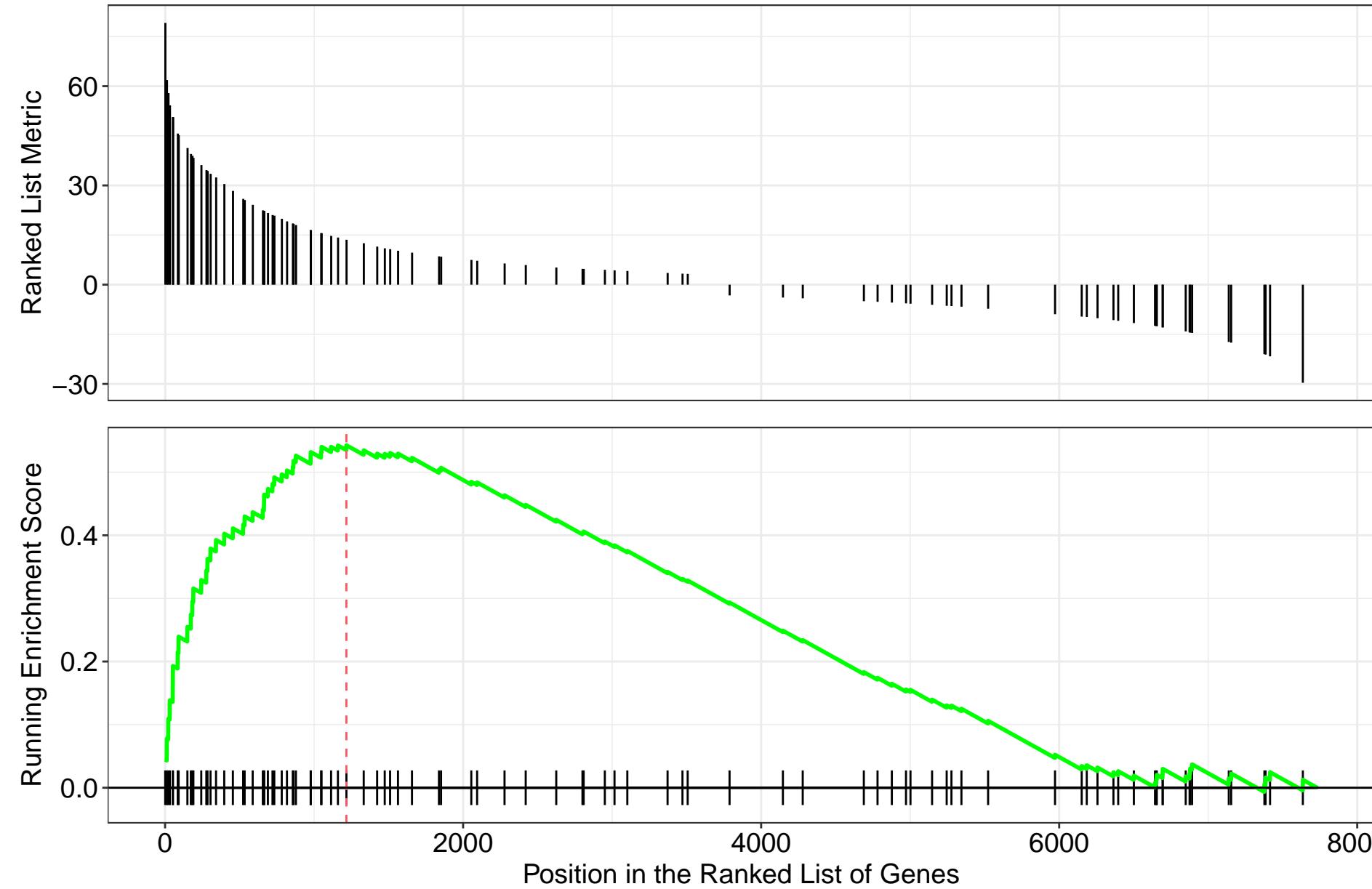
# tyrosine phosphorylation of STAT protein



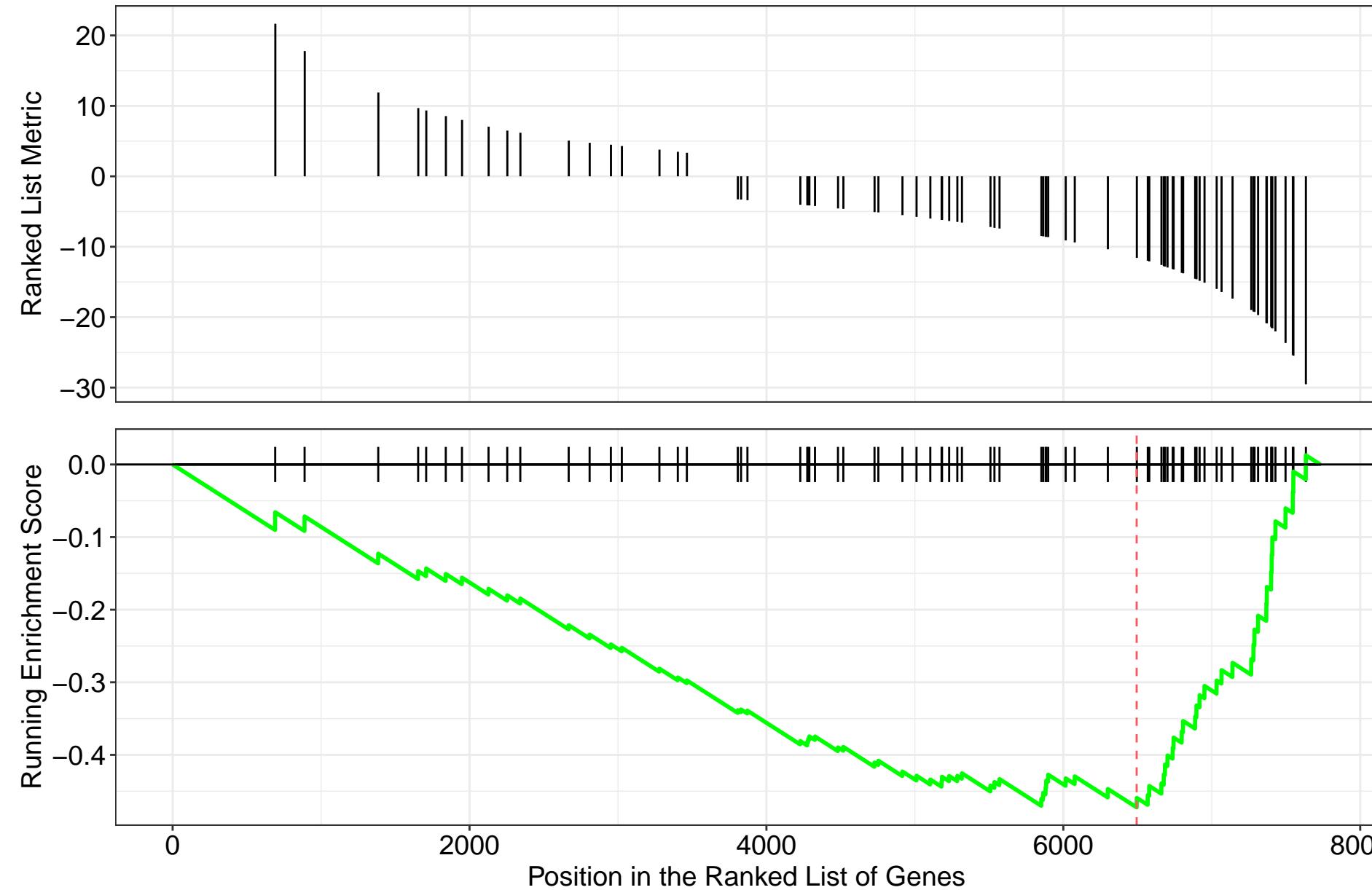
# regulation of cytokine production involved in immune response



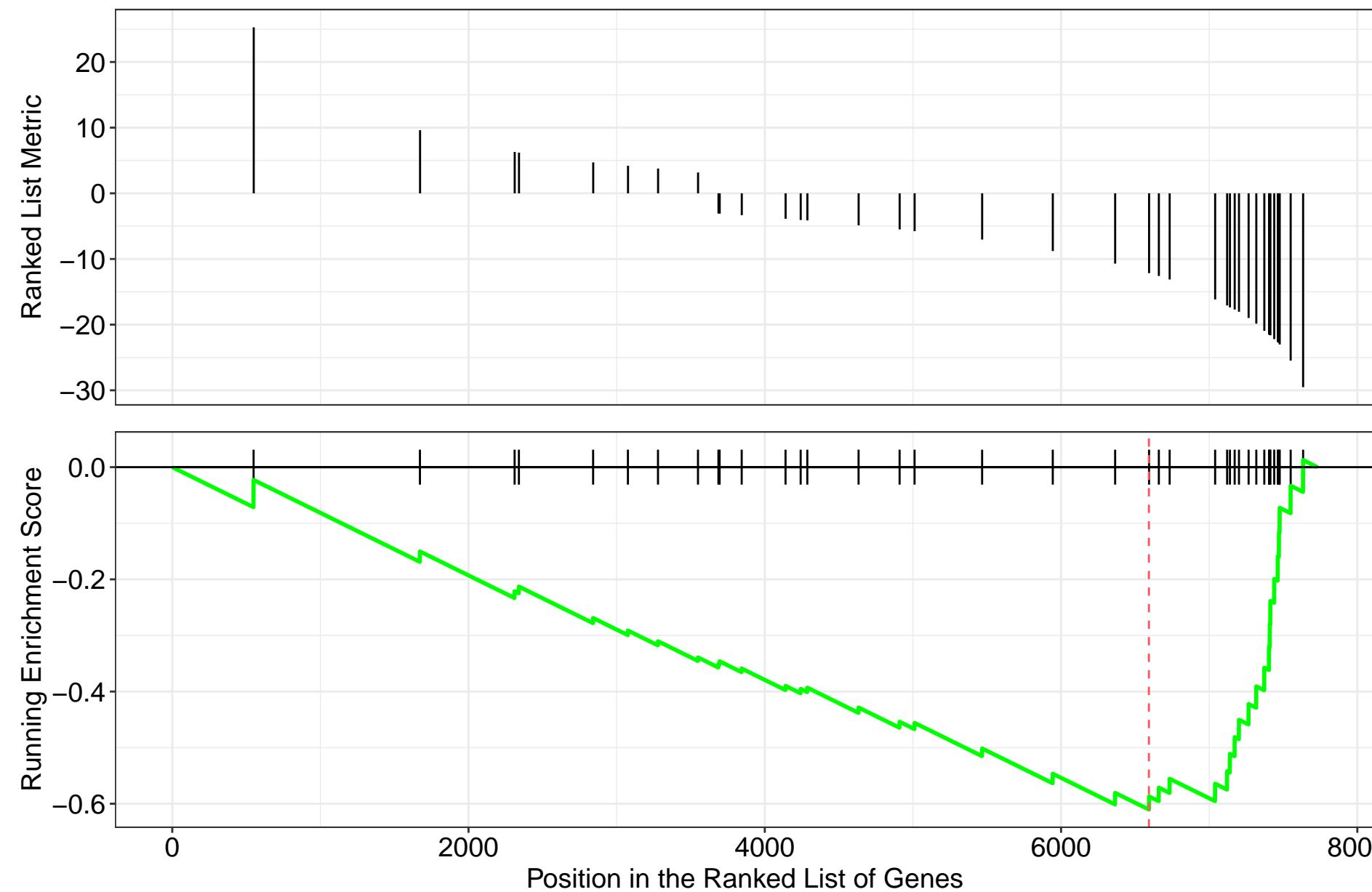
# positive regulation of ERK1 and ERK2 cascade



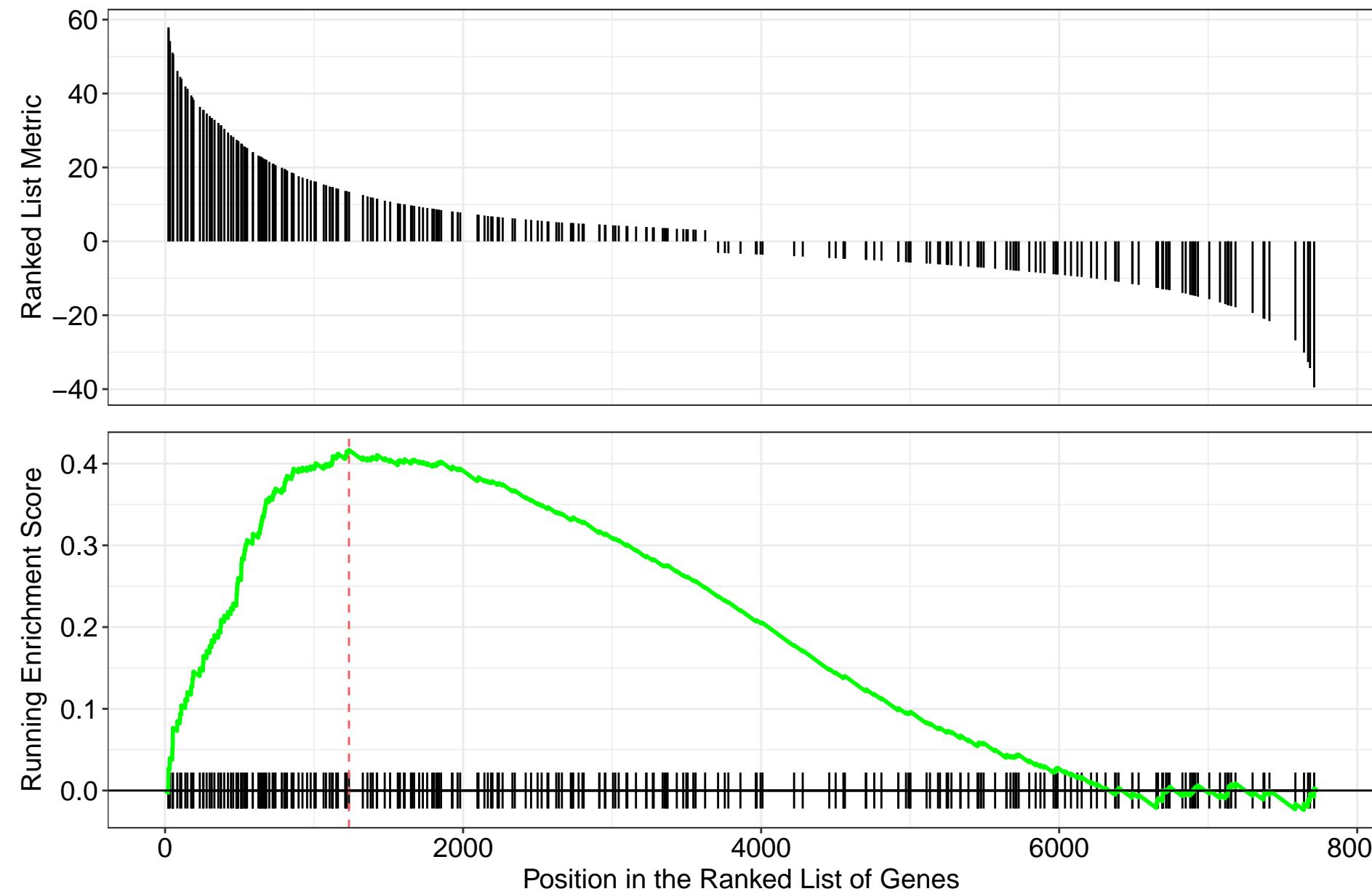
# cell cycle G2/M phase transition



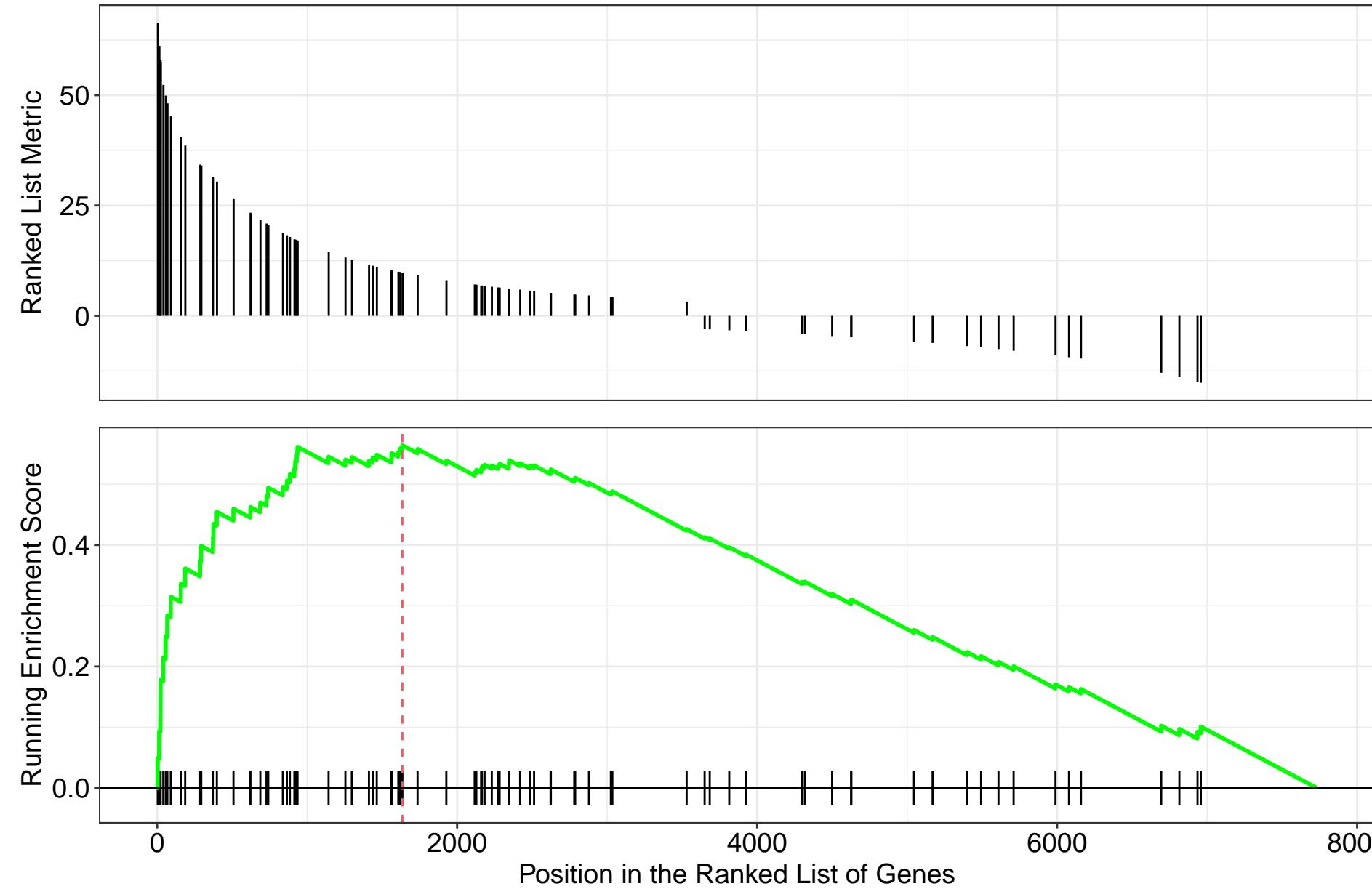
# metaphase plate congression



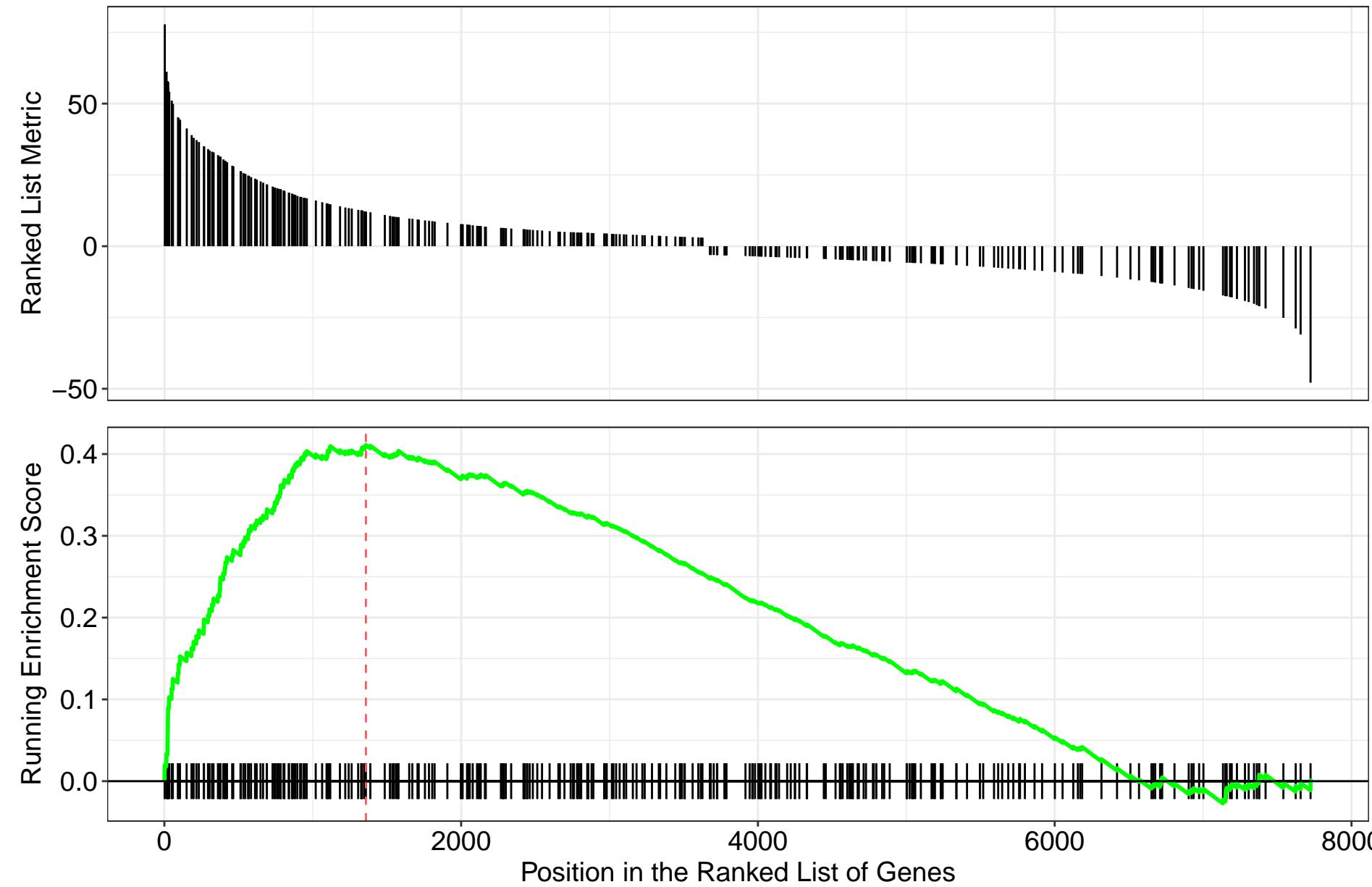
# positive regulation of cell migration



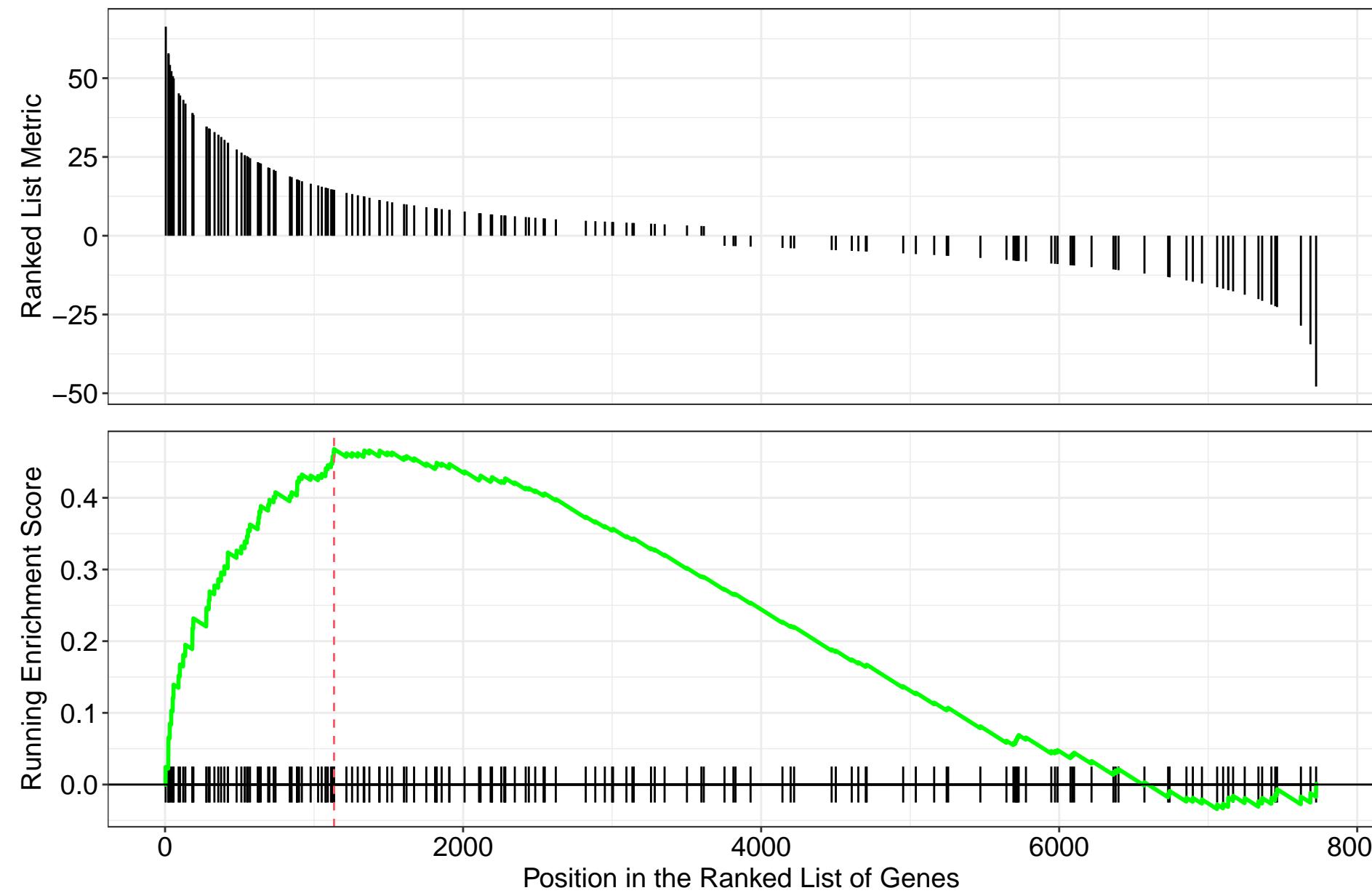
# receptor signaling pathway via STAT



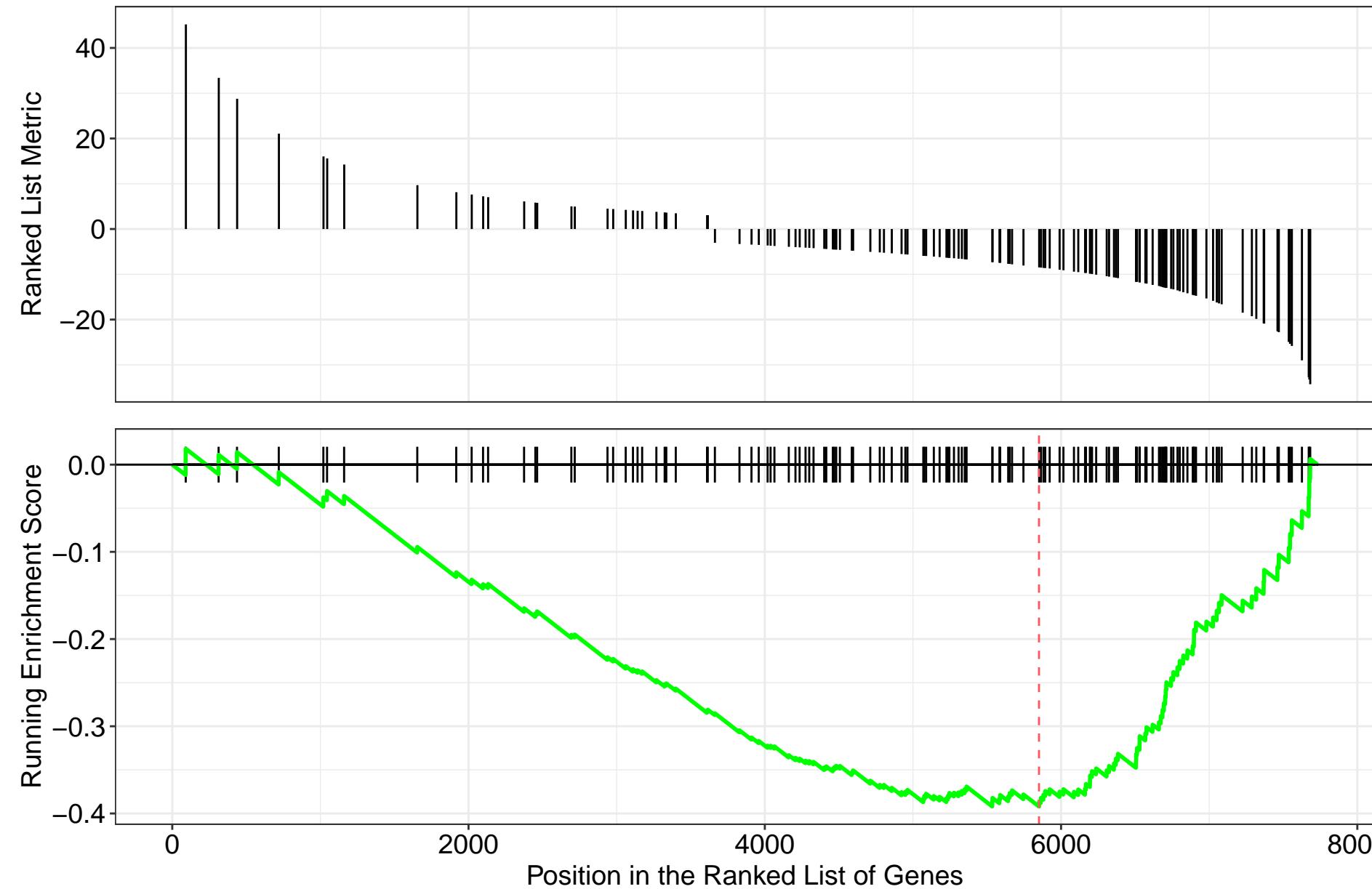
# positive regulation of programmed cell death



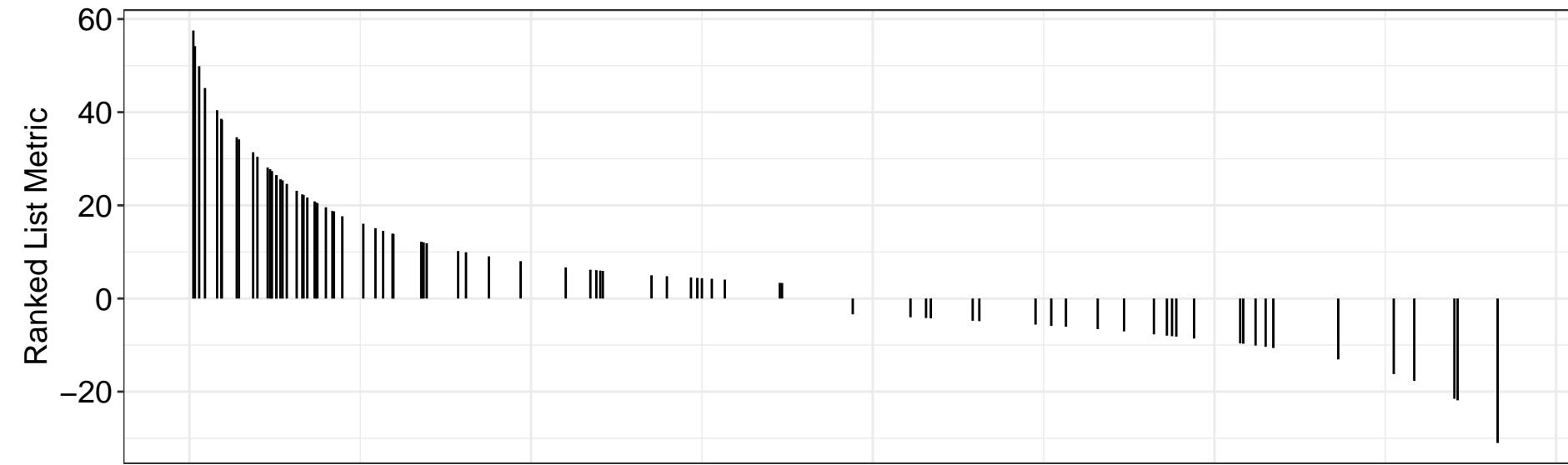
# positive regulation of cell–cell adhesion



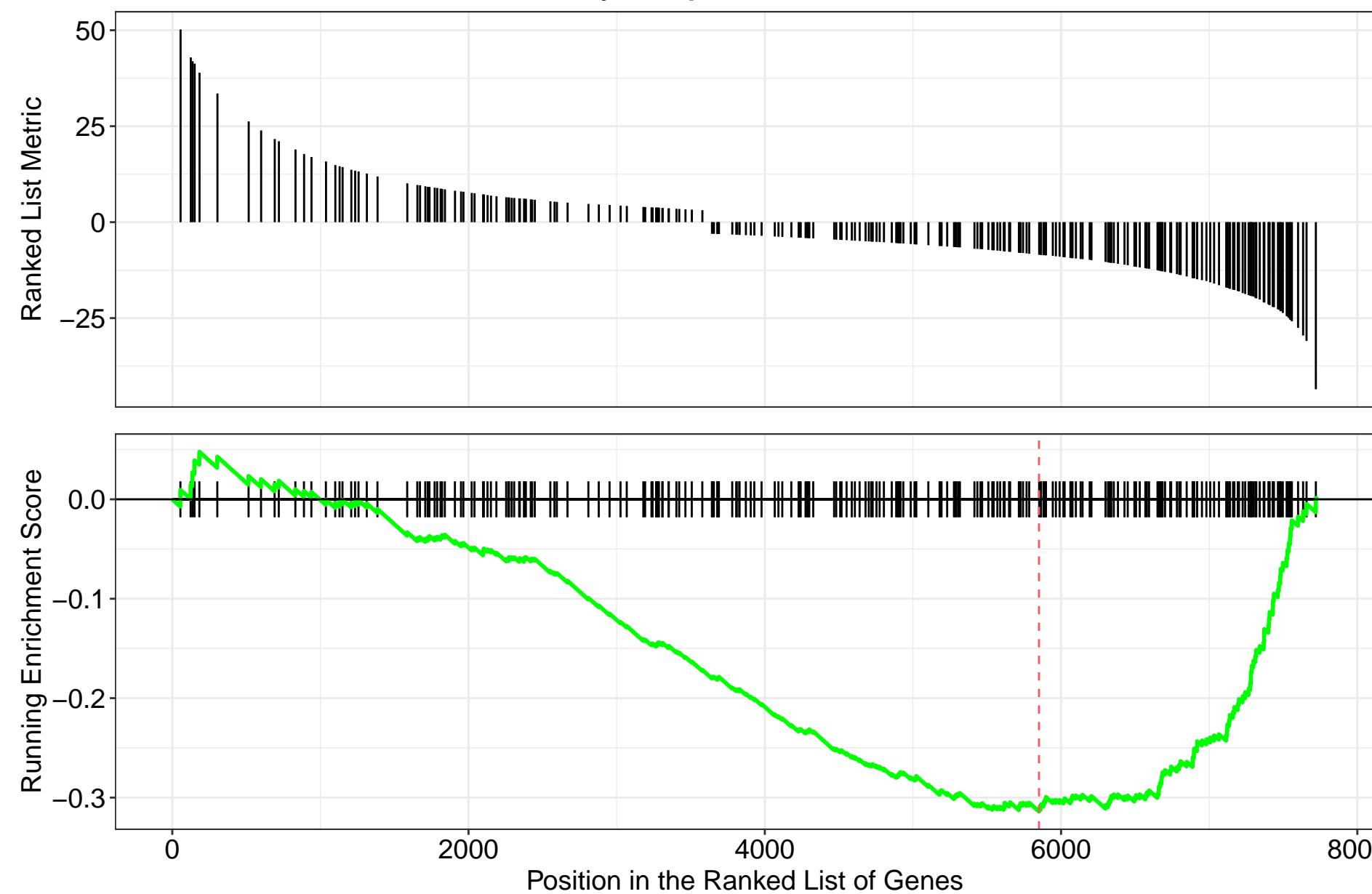
# DNA replication



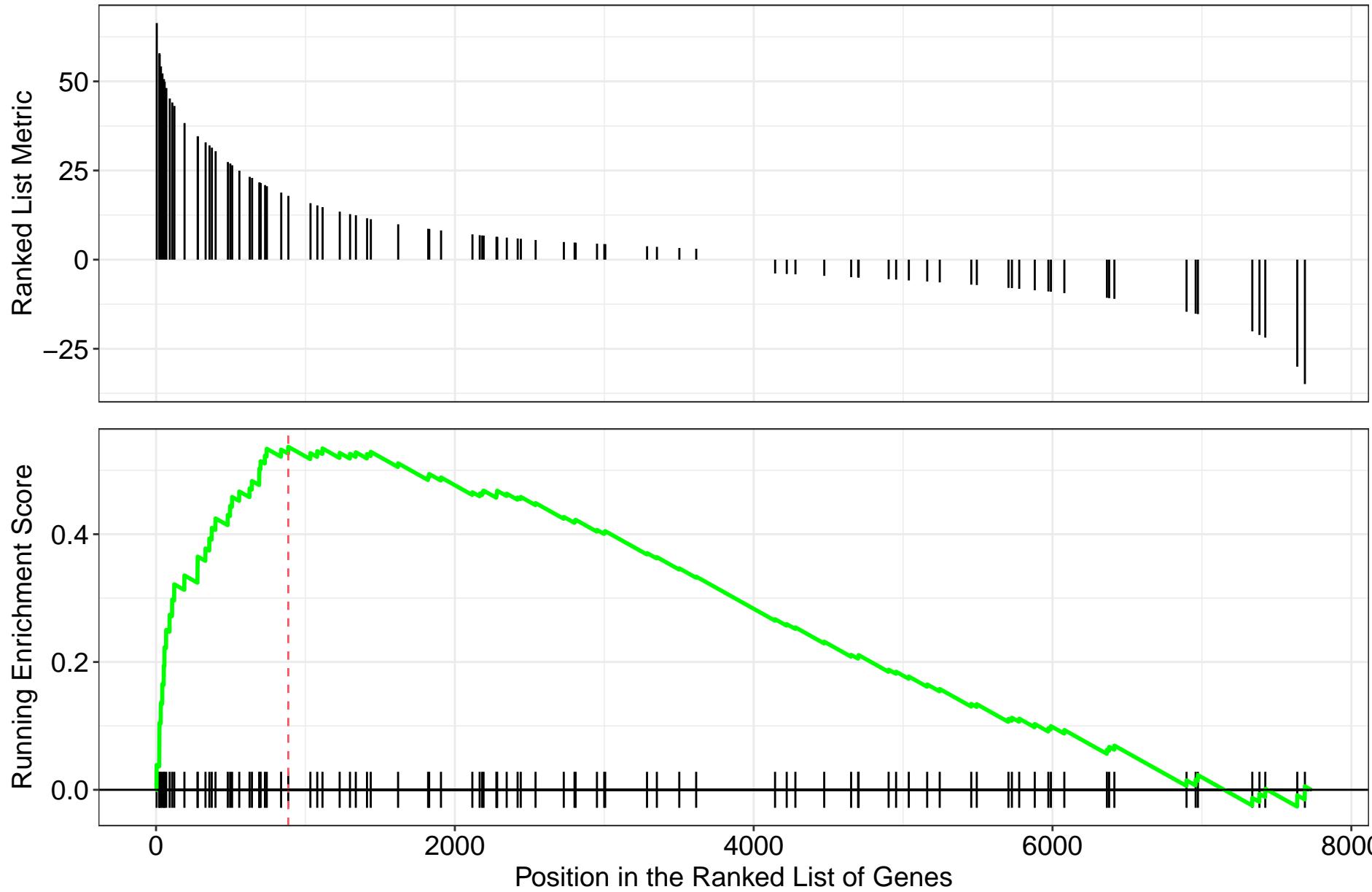
# positive regulation of lymphocyte mediated immunity



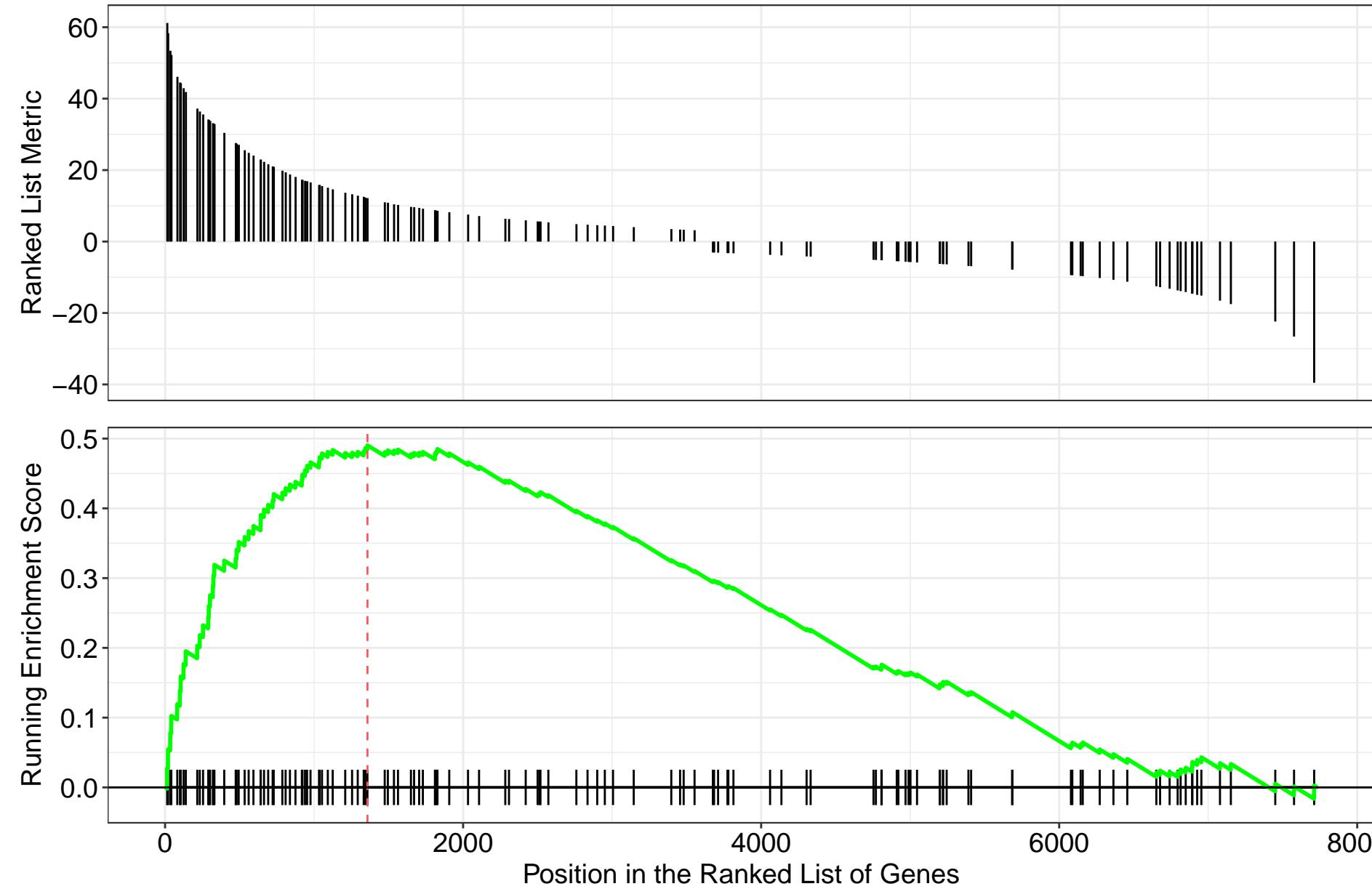
# cell cycle phase transition



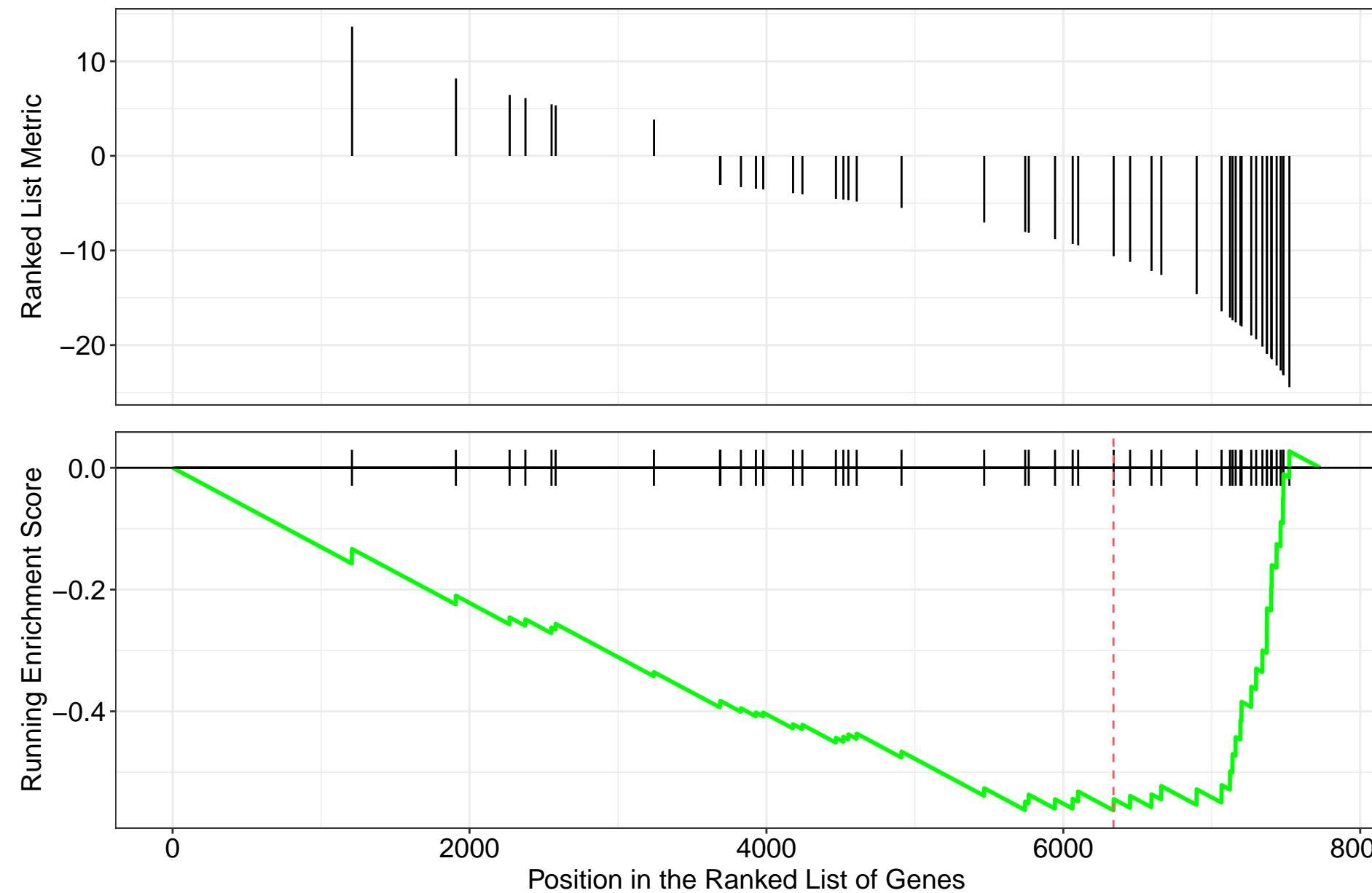
# positive regulation of leukocyte proliferation



# negative regulation of cell adhesion

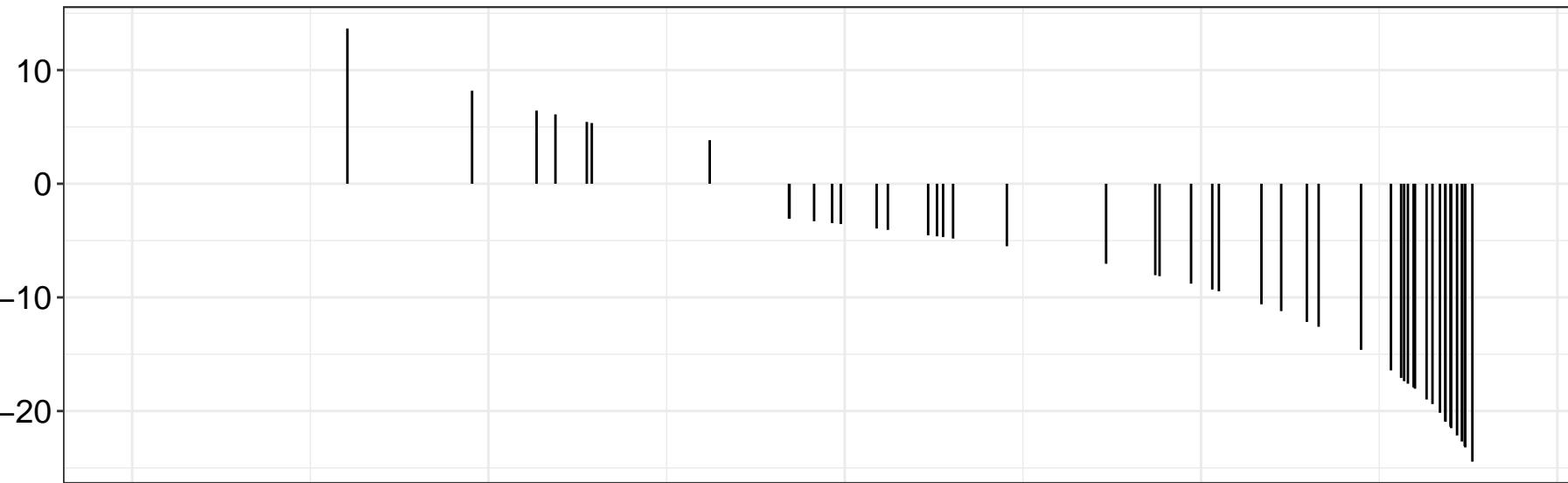


# metaphase/anaphase transition of mitotic cell cycle

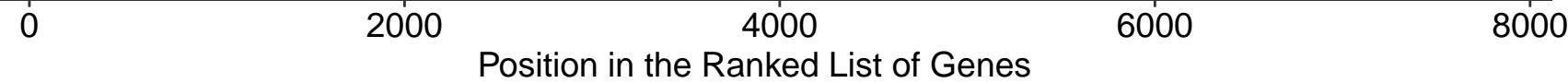


# metaphase/anaphase transition of cell cycle

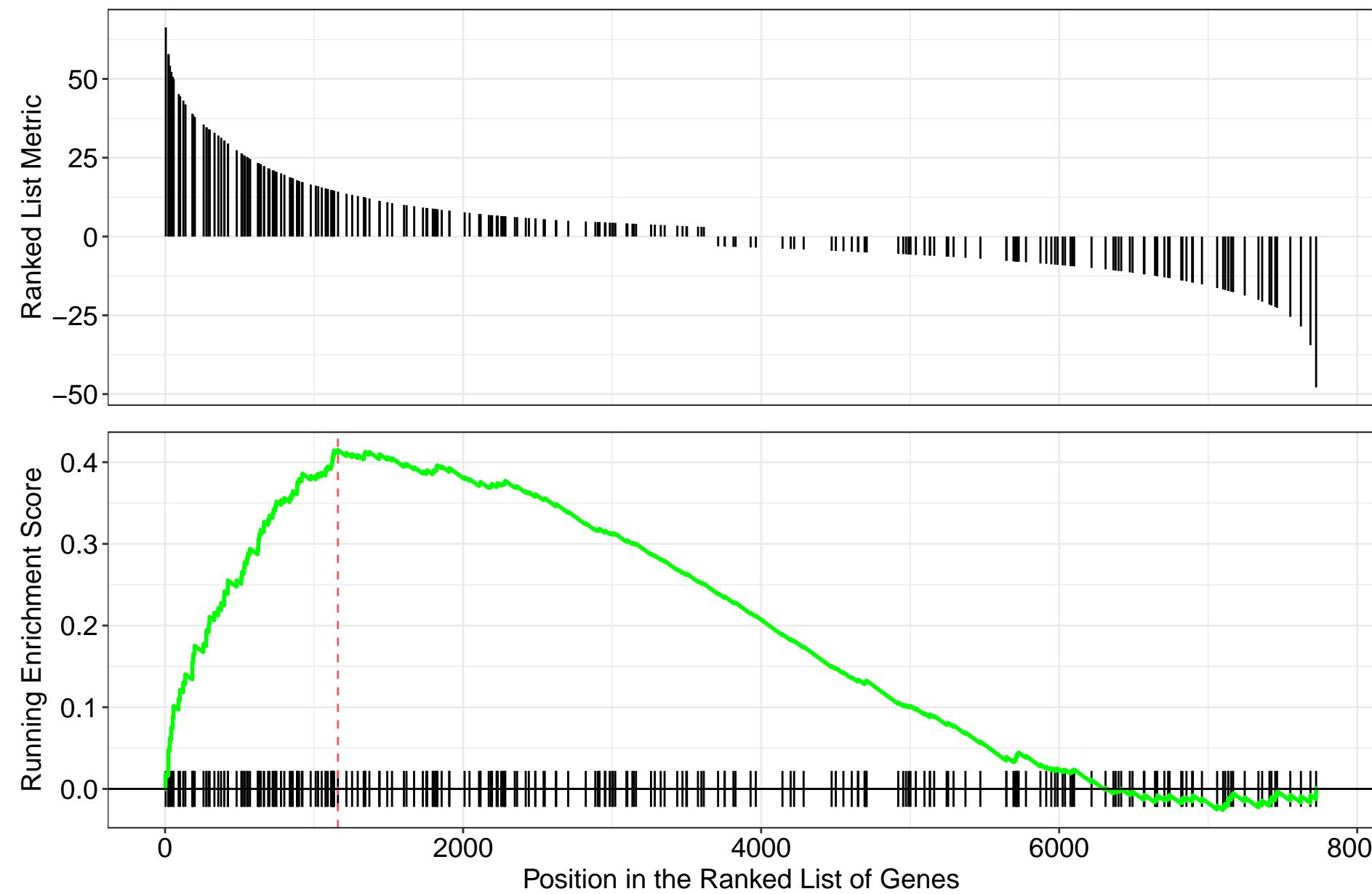
Ranked List Metric



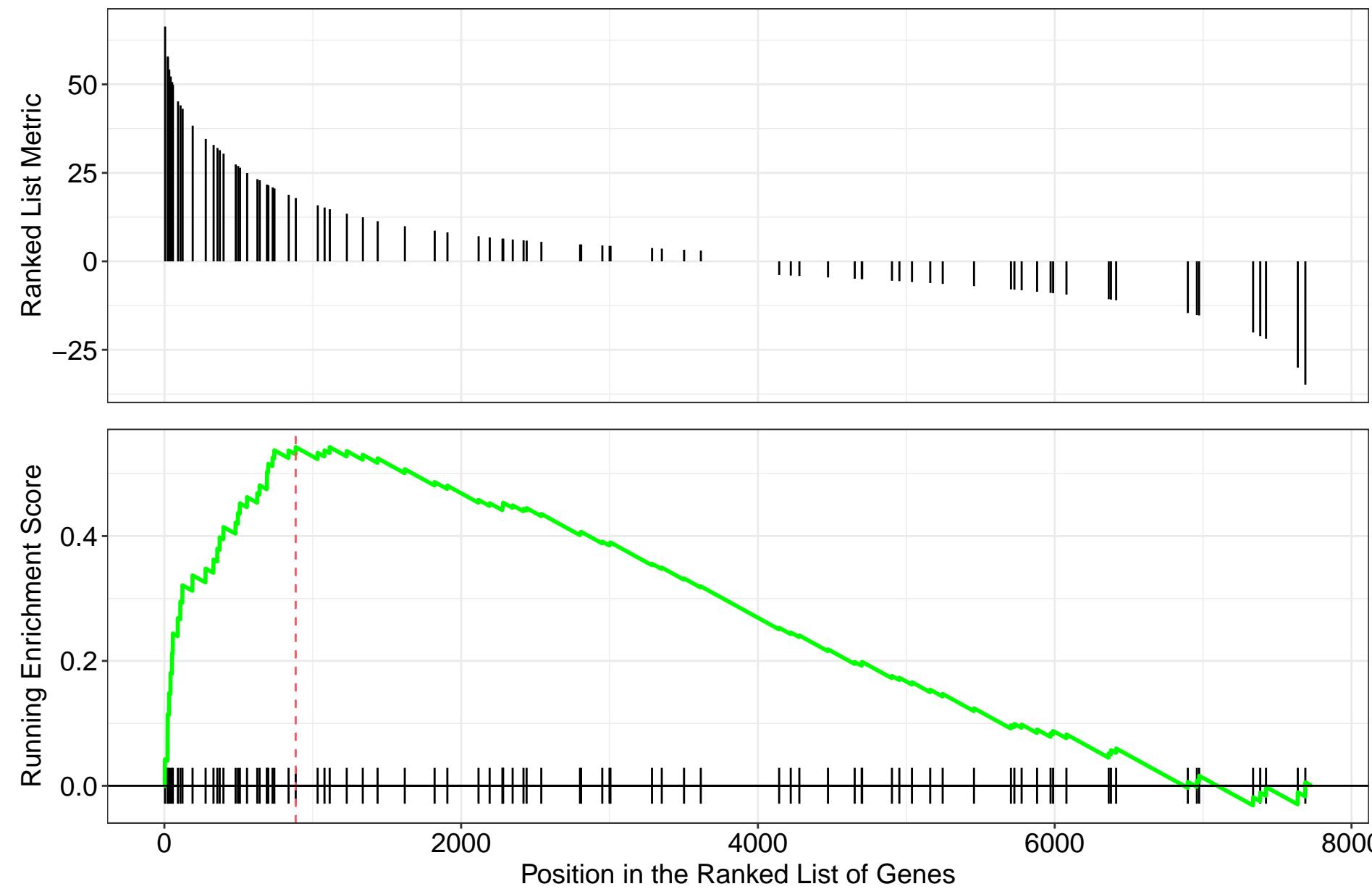
Running Enrichment Score



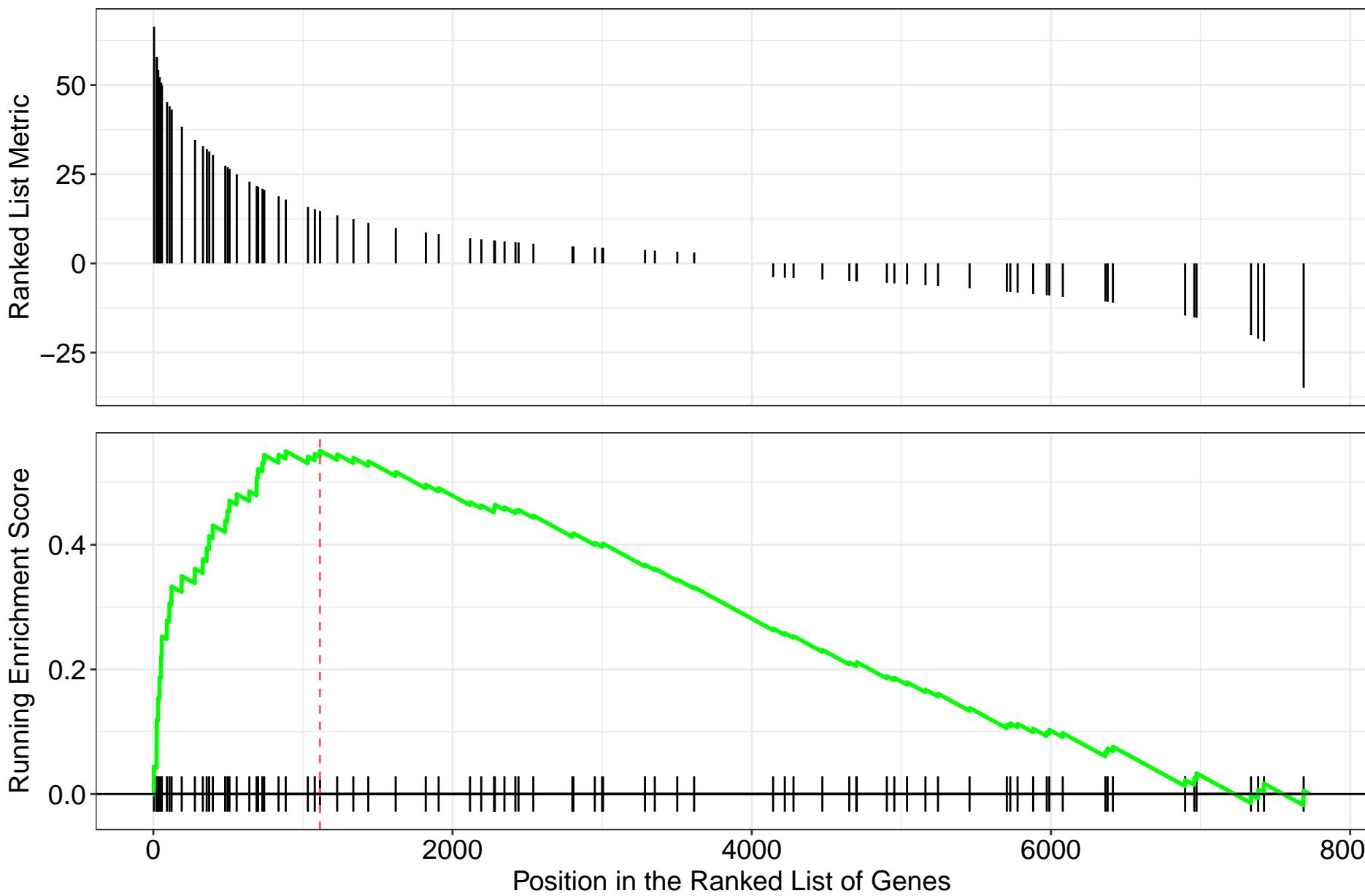
# positive regulation of cell adhesion



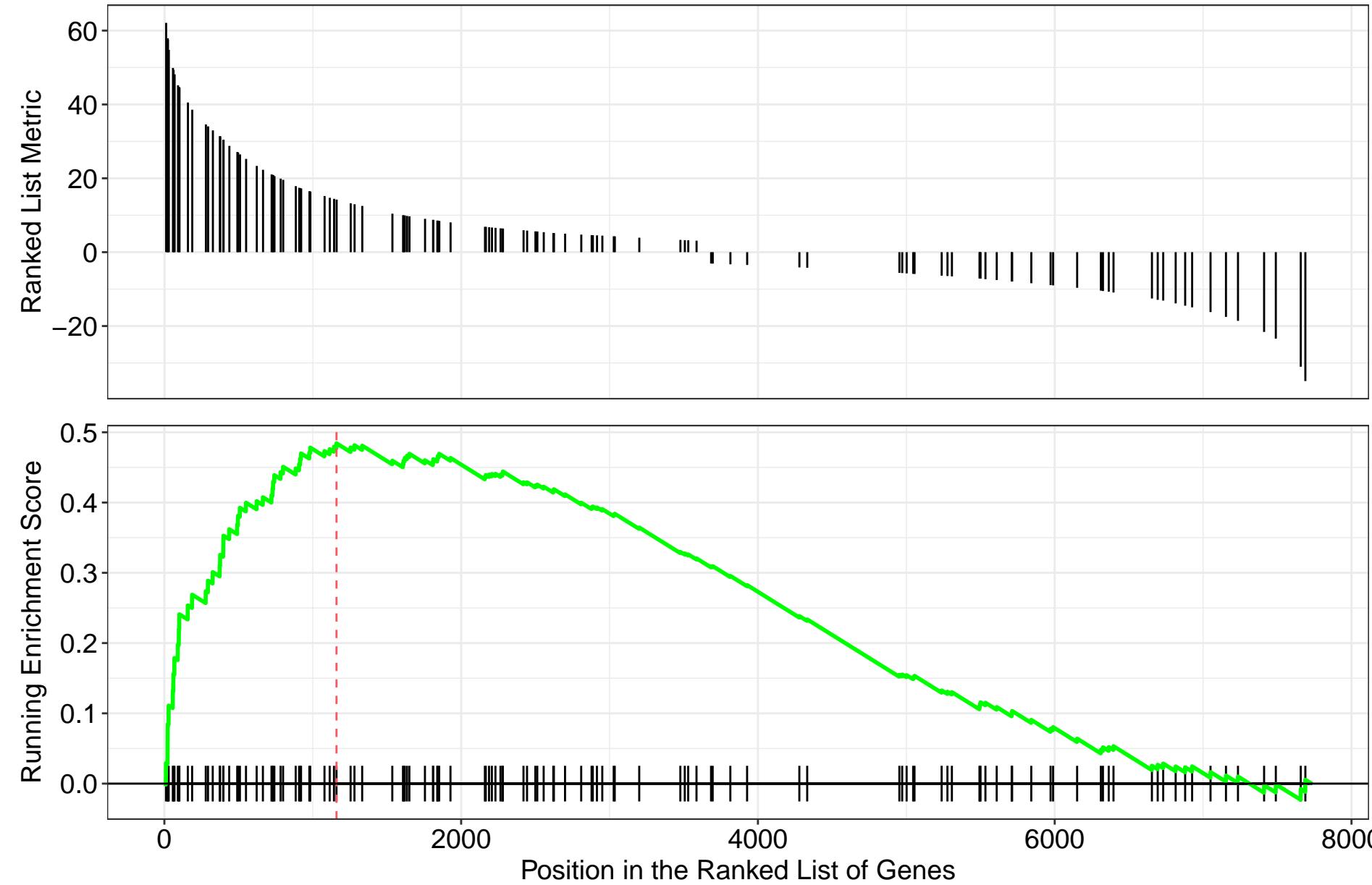
# positive regulation of mononuclear cell proliferation



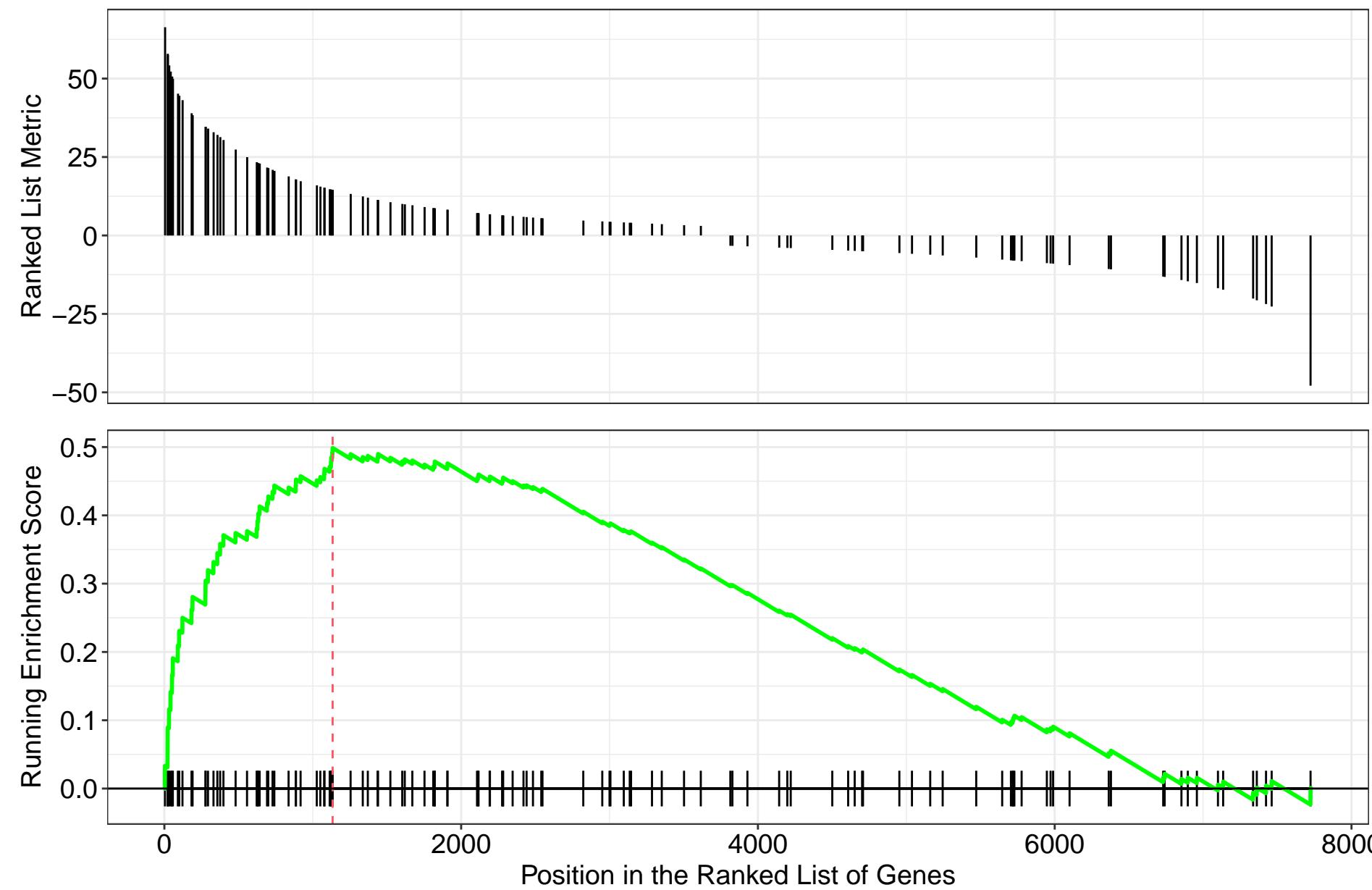
# positive regulation of lymphocyte proliferation



# regulation of peptidyl–tyrosine phosphorylation

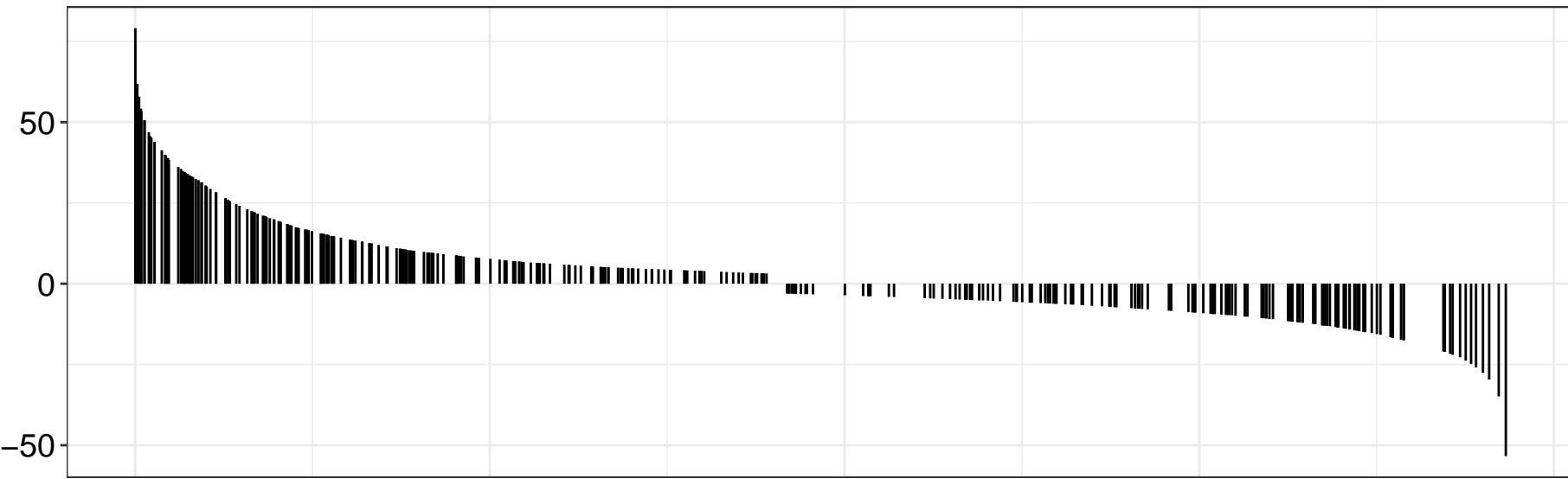


# positive regulation of T cell activation



# MAPK cascade

Ranked List Metric

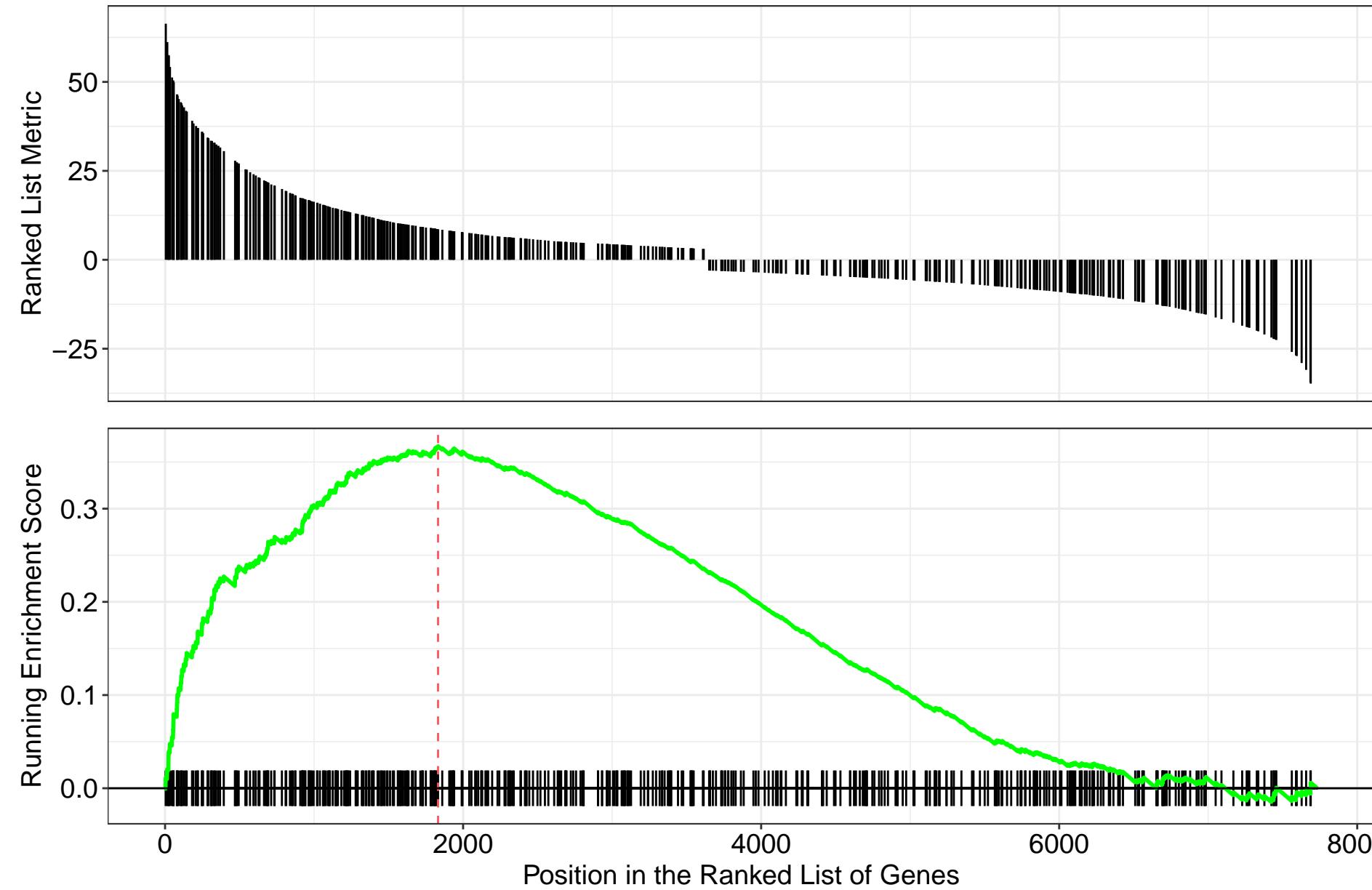


Running Enrichment Score

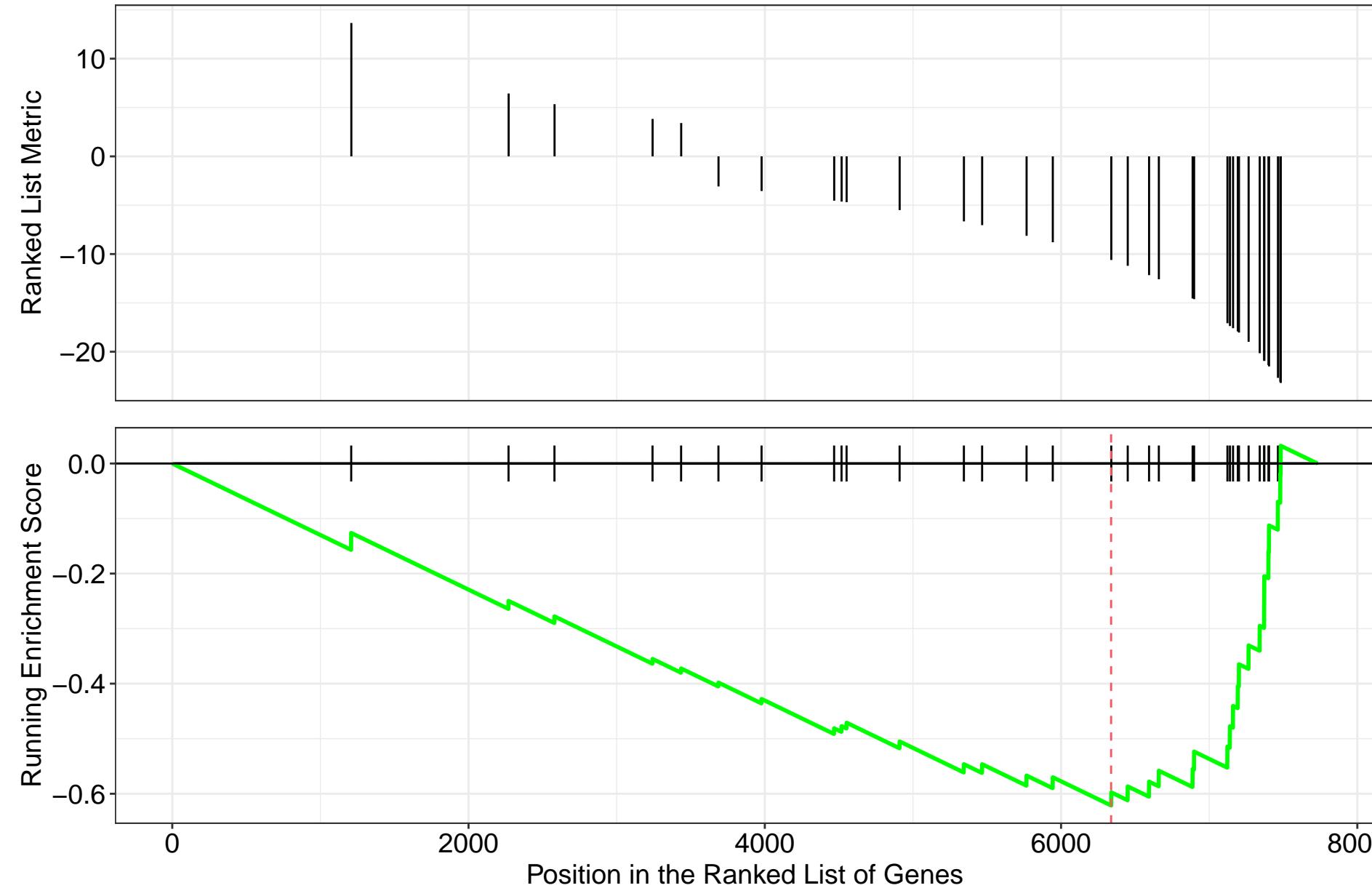
Position in the Ranked List of Genes



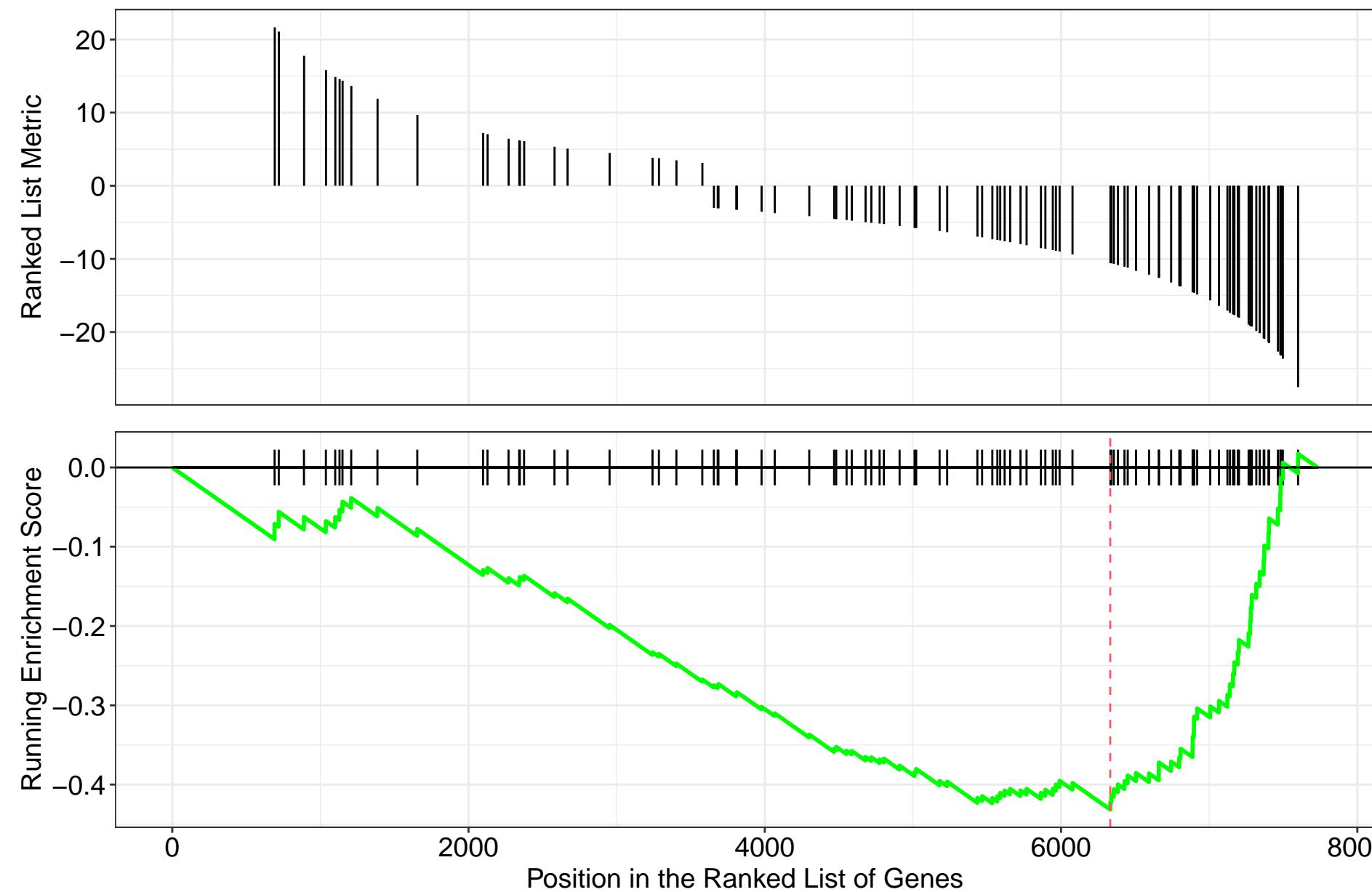
# negative regulation of gene expression



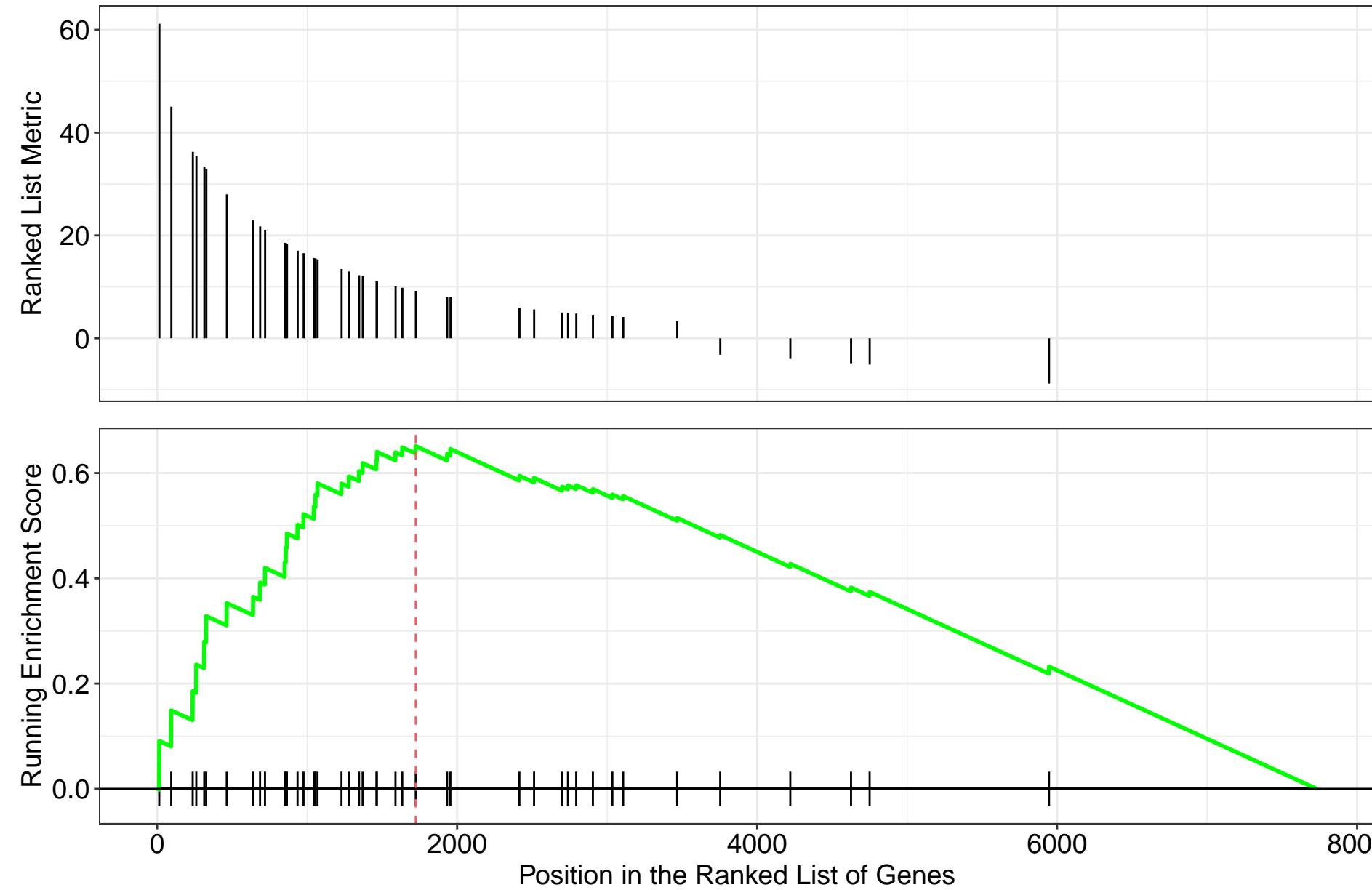
# negative regulation of mitotic nuclear division



# cell cycle checkpoint signaling

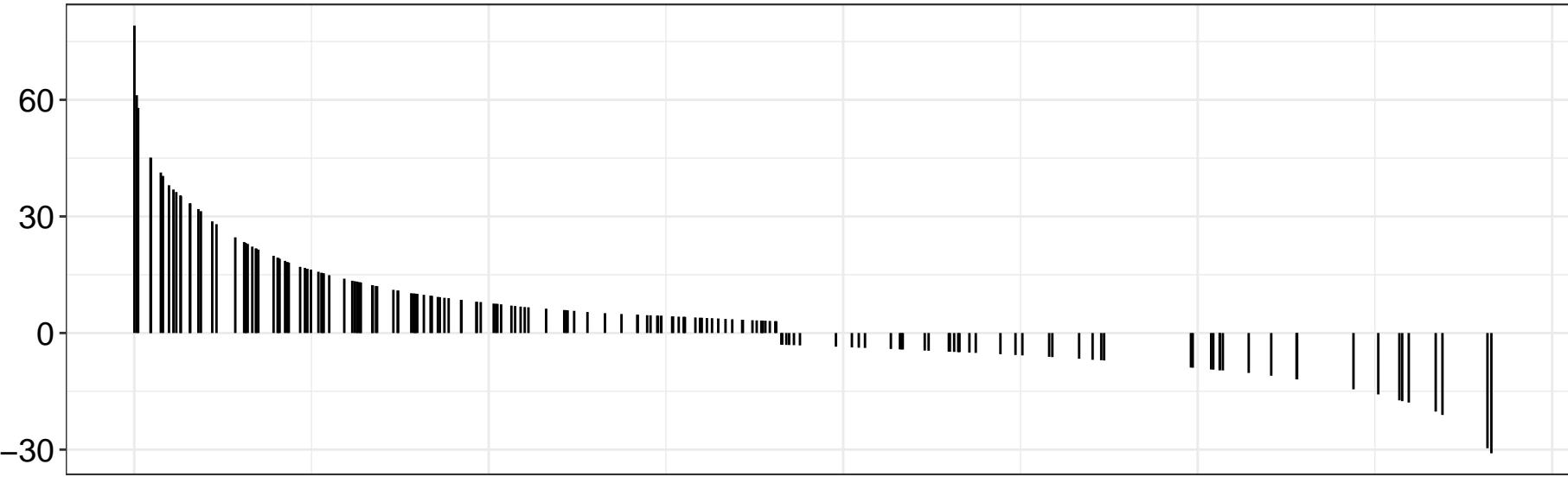


# response to type I interferon



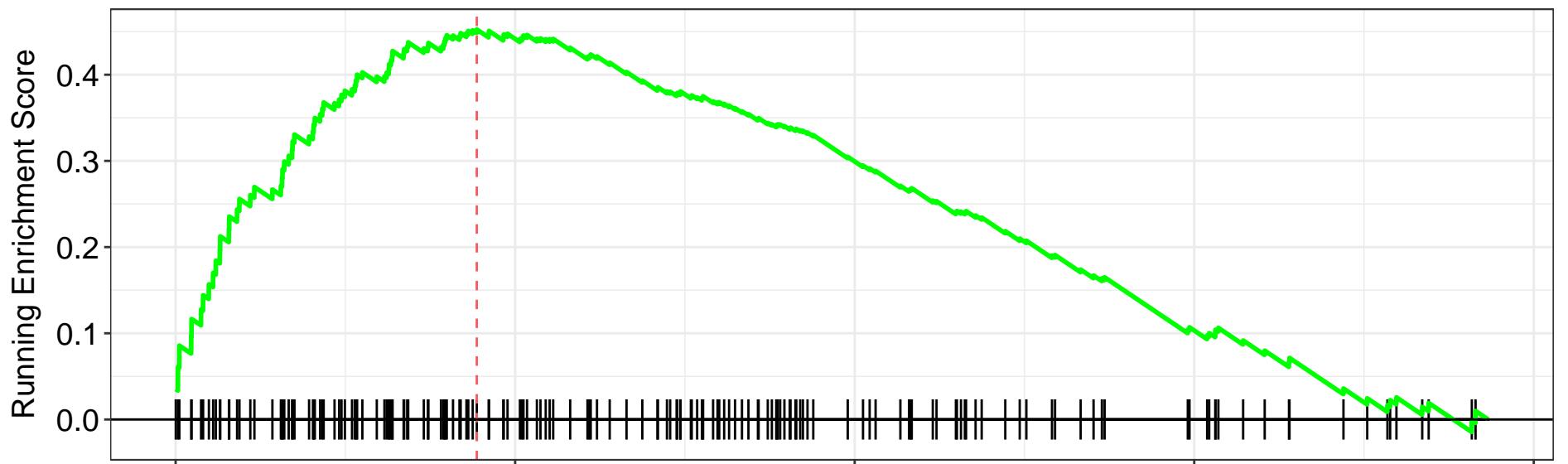
# viral process

Ranked List Metric

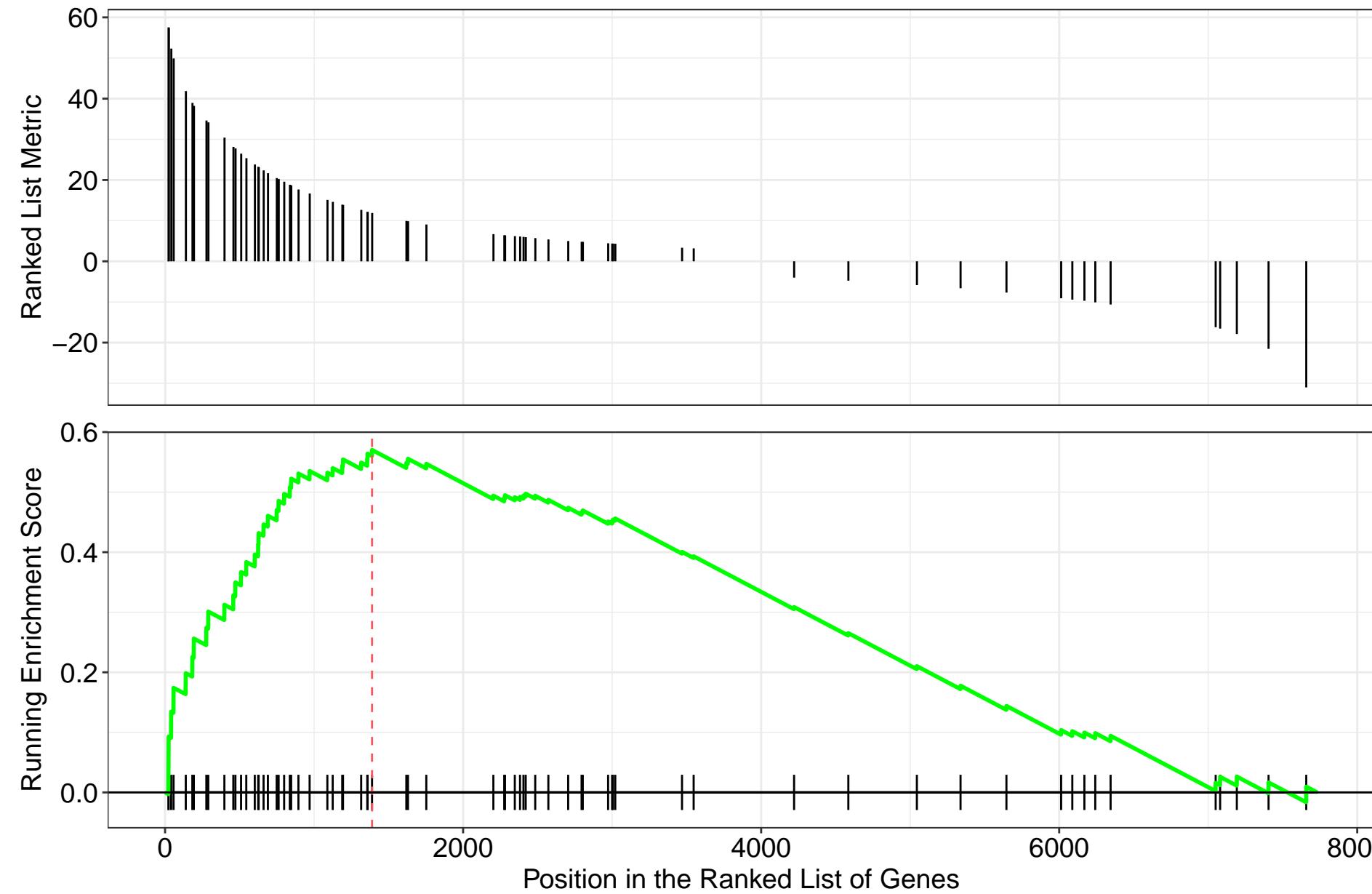


Running Enrichment Score

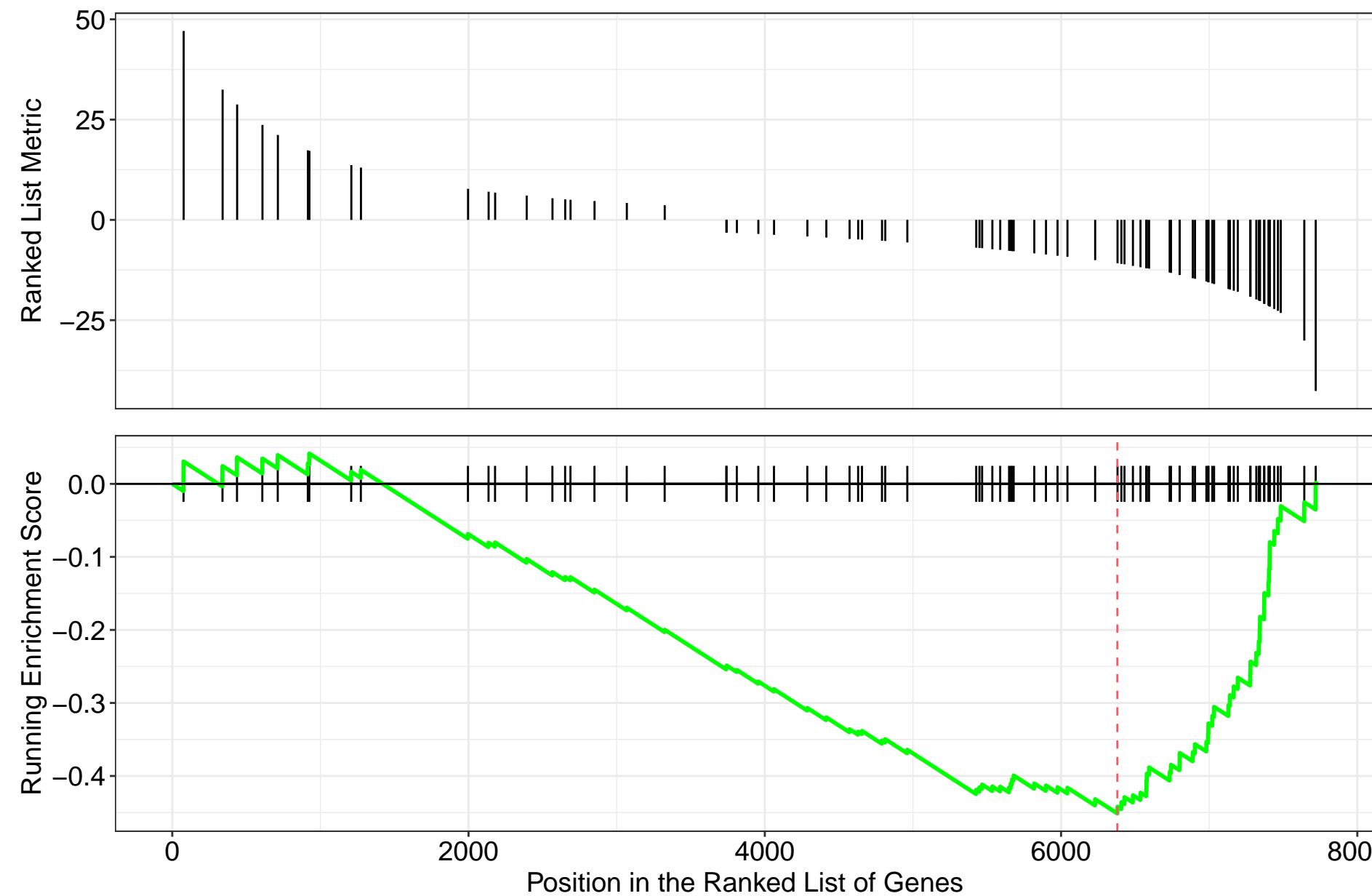
Position in the Ranked List of Genes



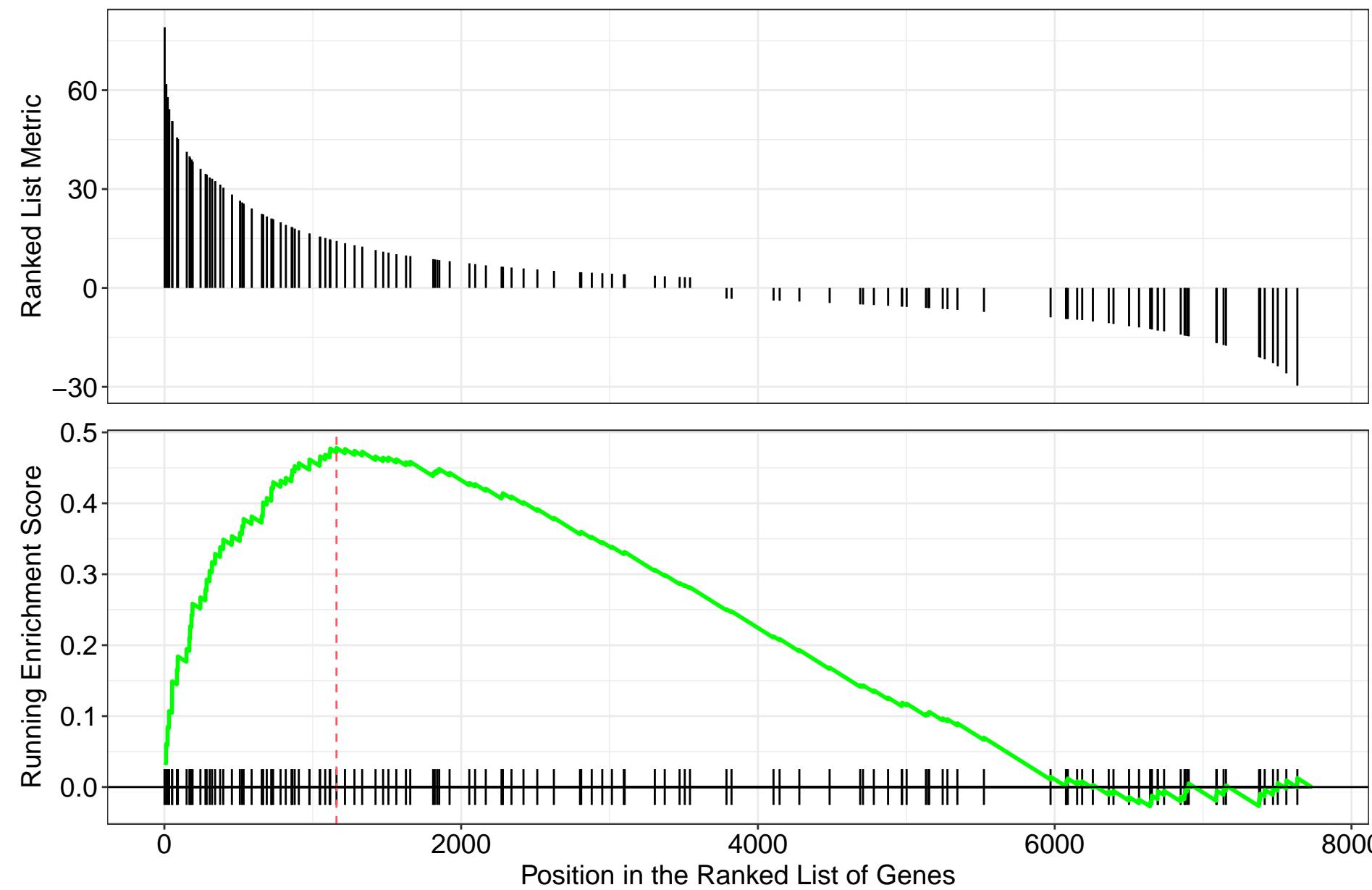
# regulation of cell killing



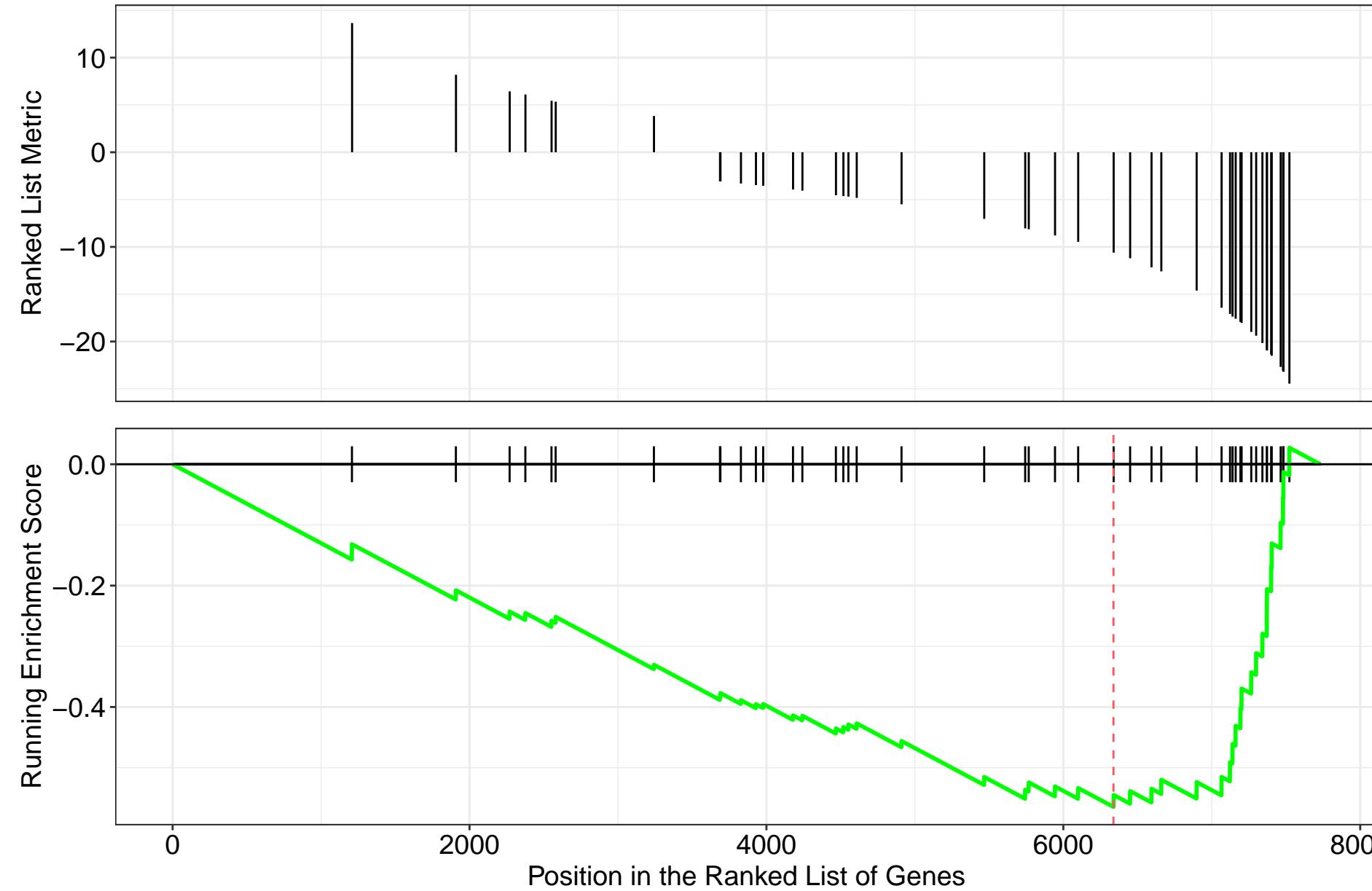
# meiotic nuclear division



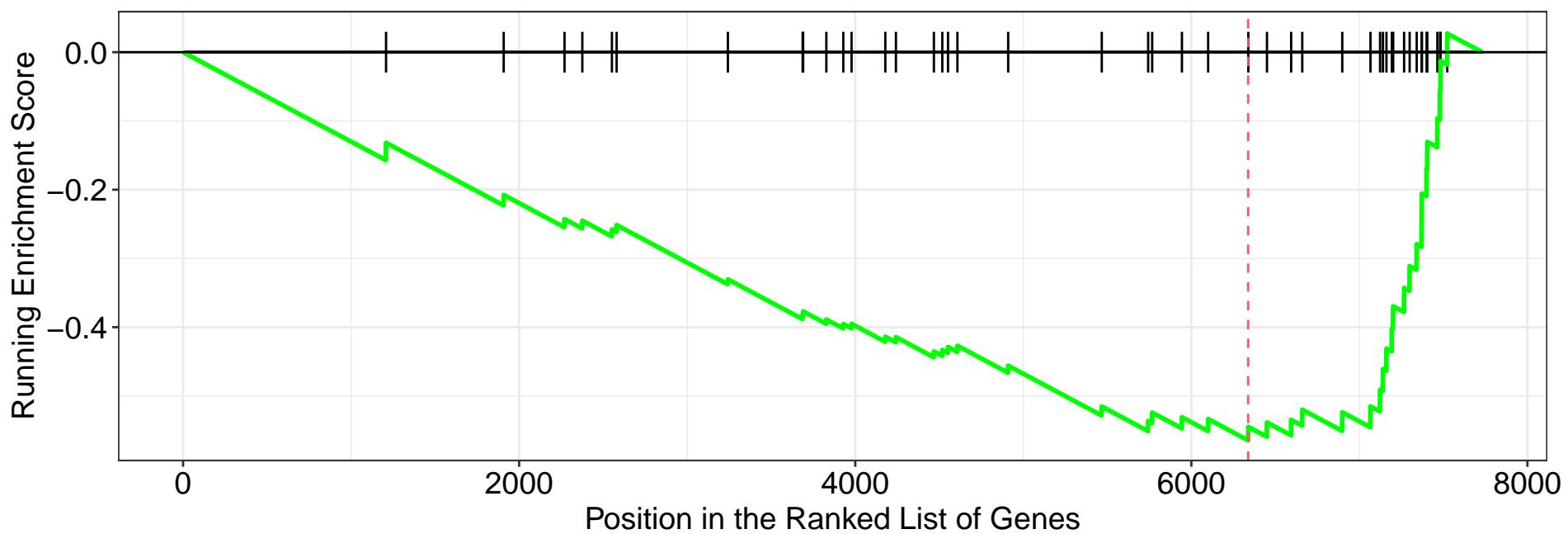
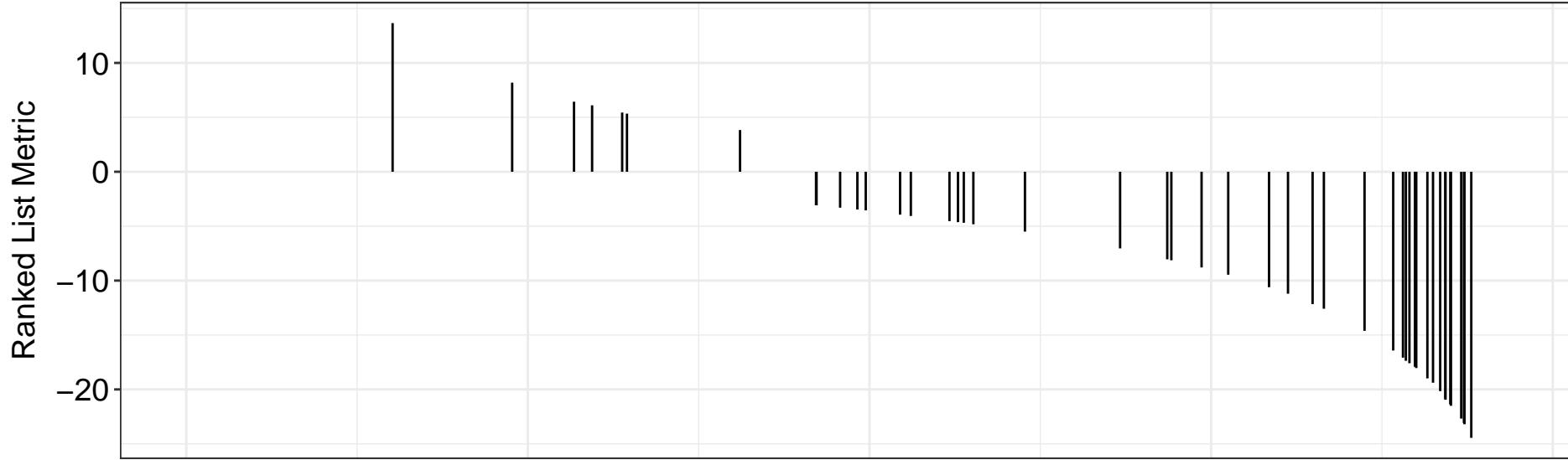
# regulation of ERK1 and ERK2 cascade



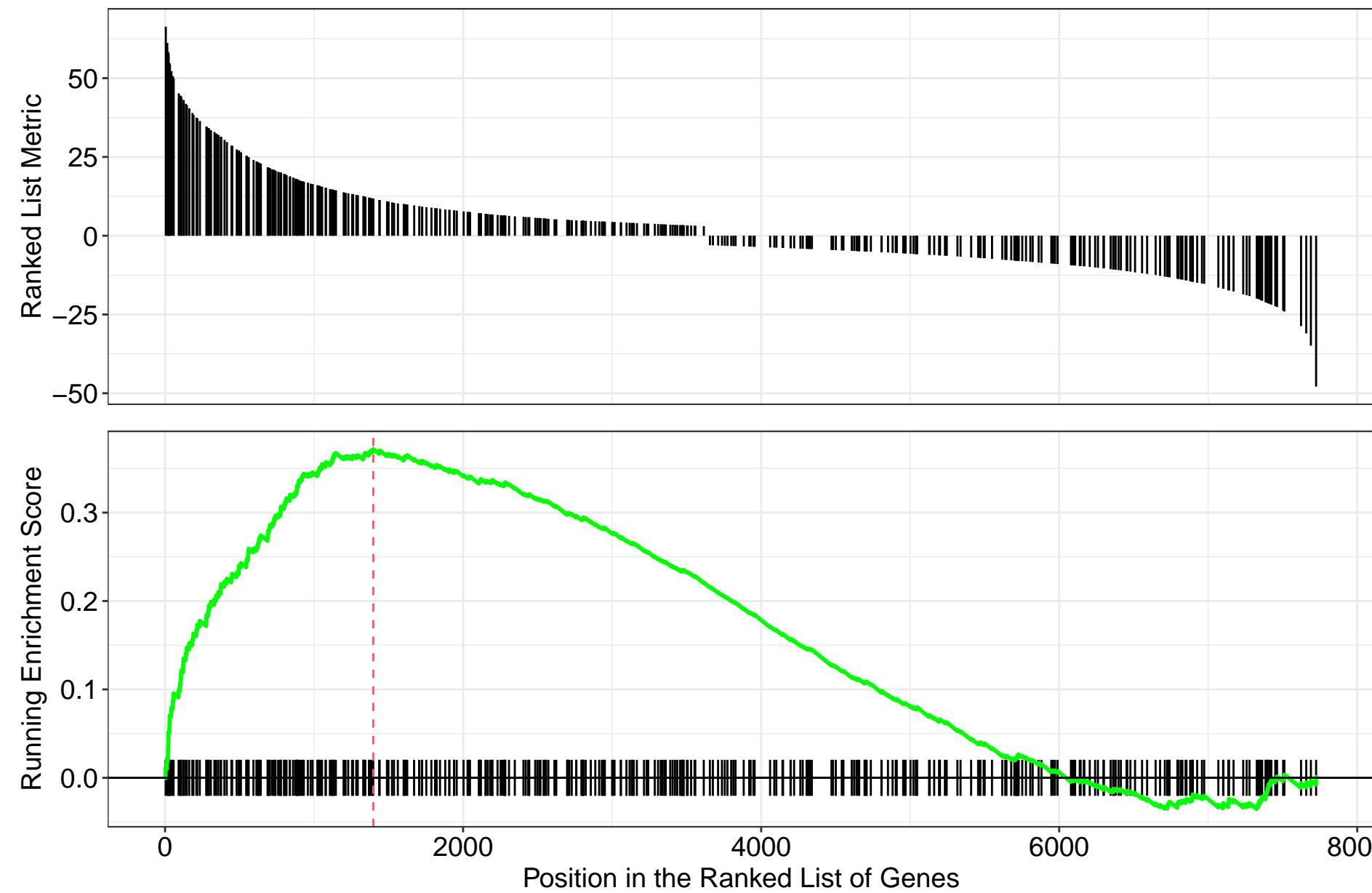
# regulation of mitotic metaphase/anaphase transition



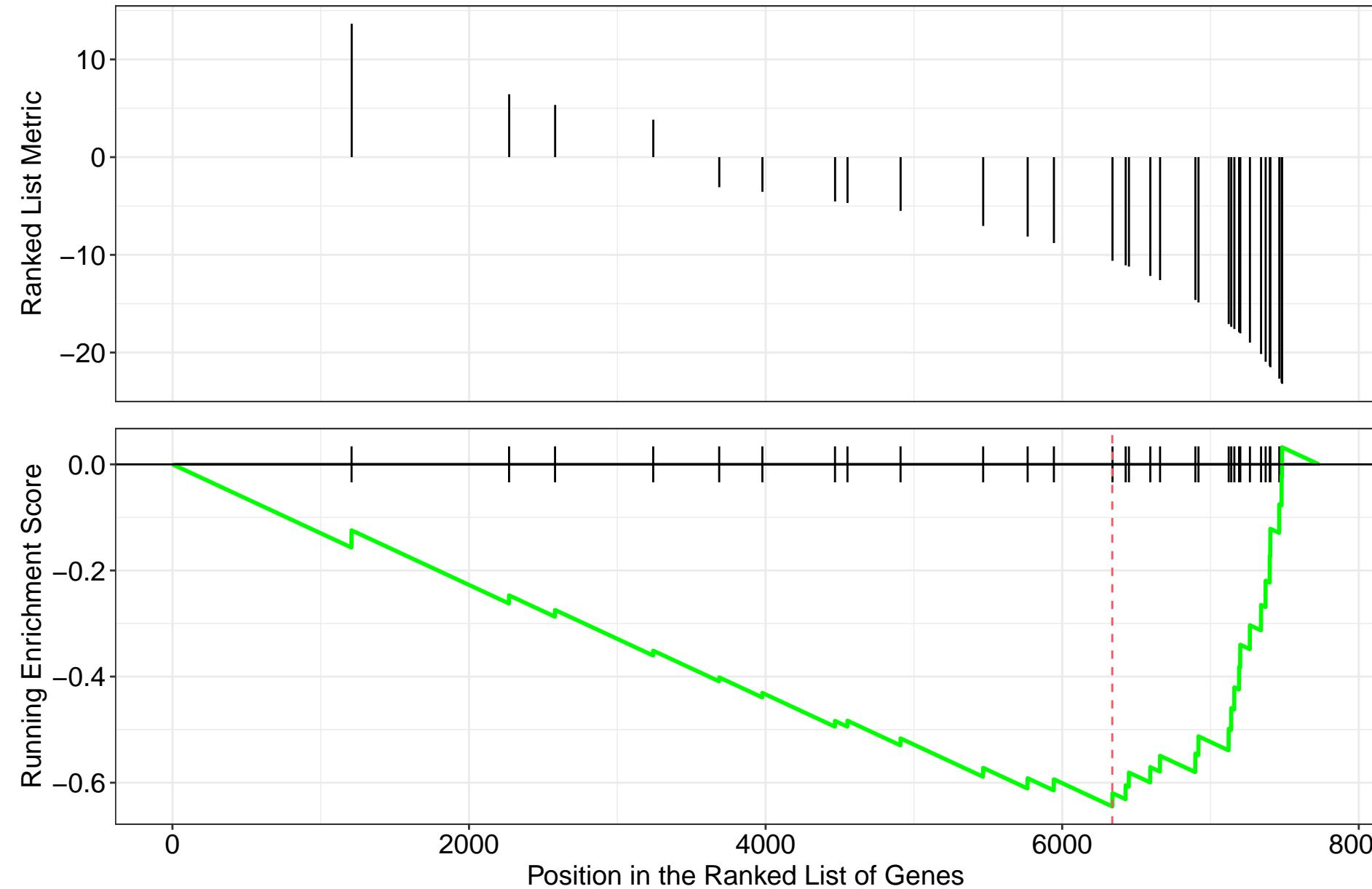
# regulation of metaphase/anaphase transition of cell cycle



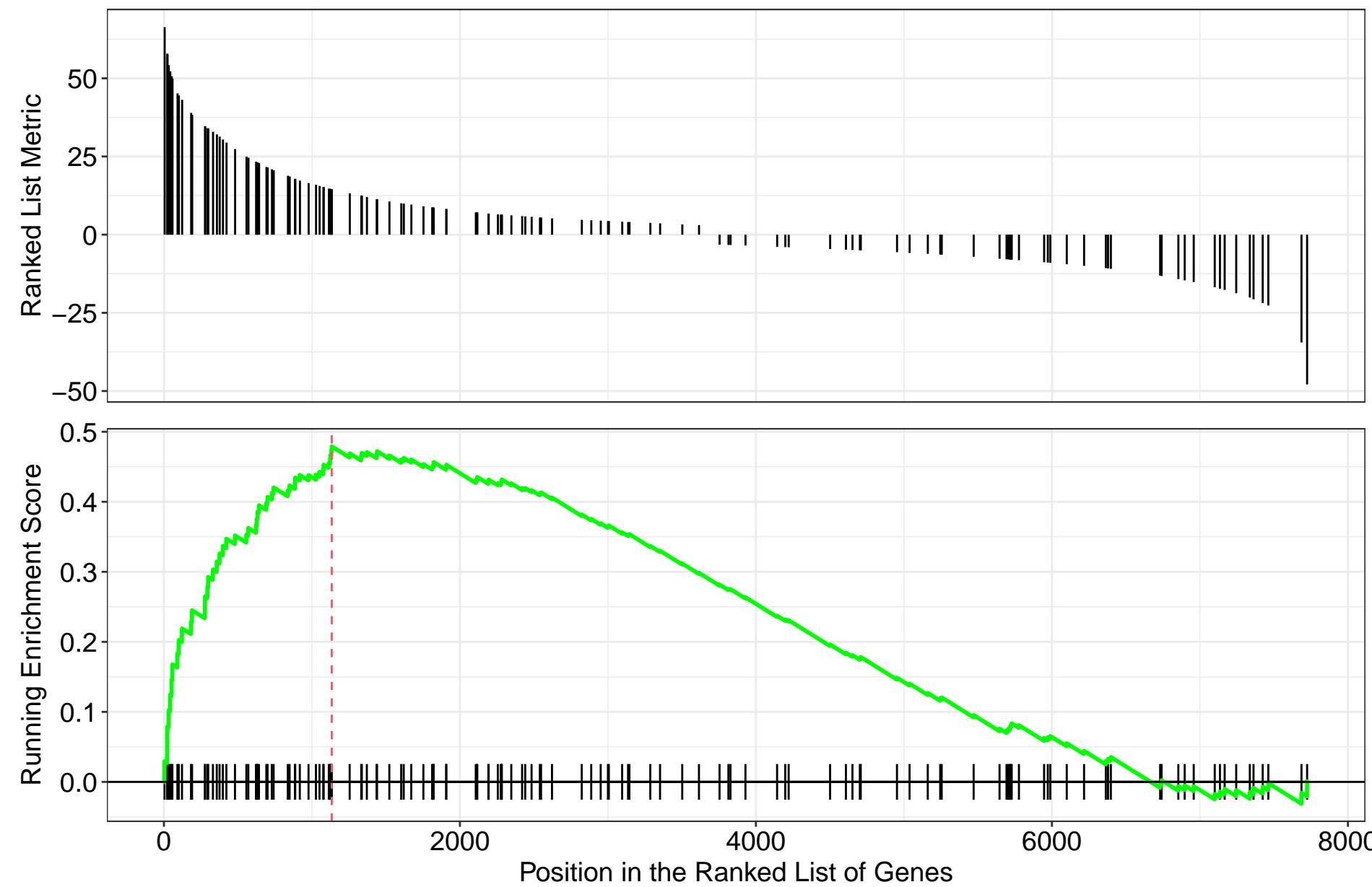
# lymphocyte activation



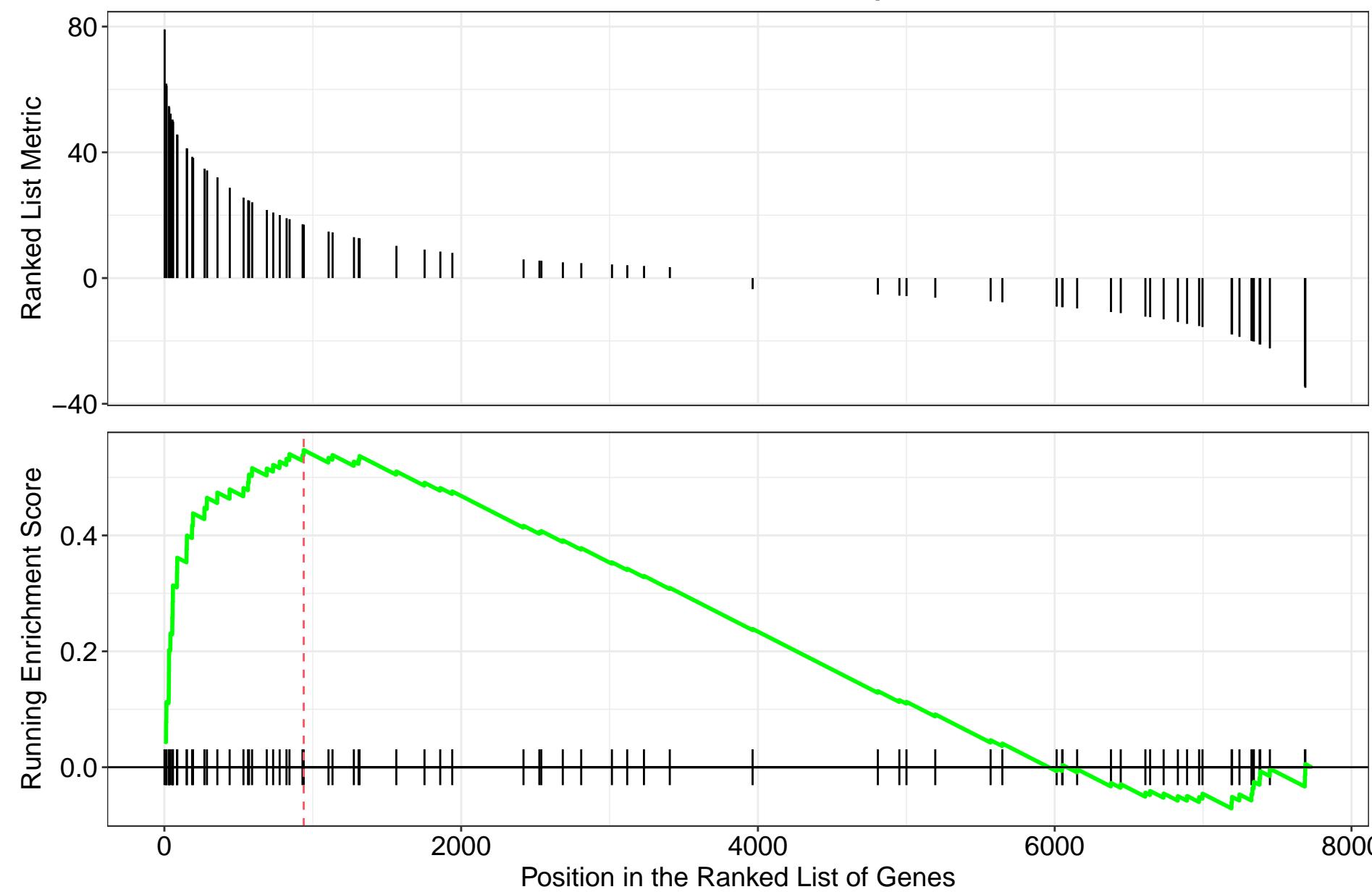
# spindle checkpoint signaling



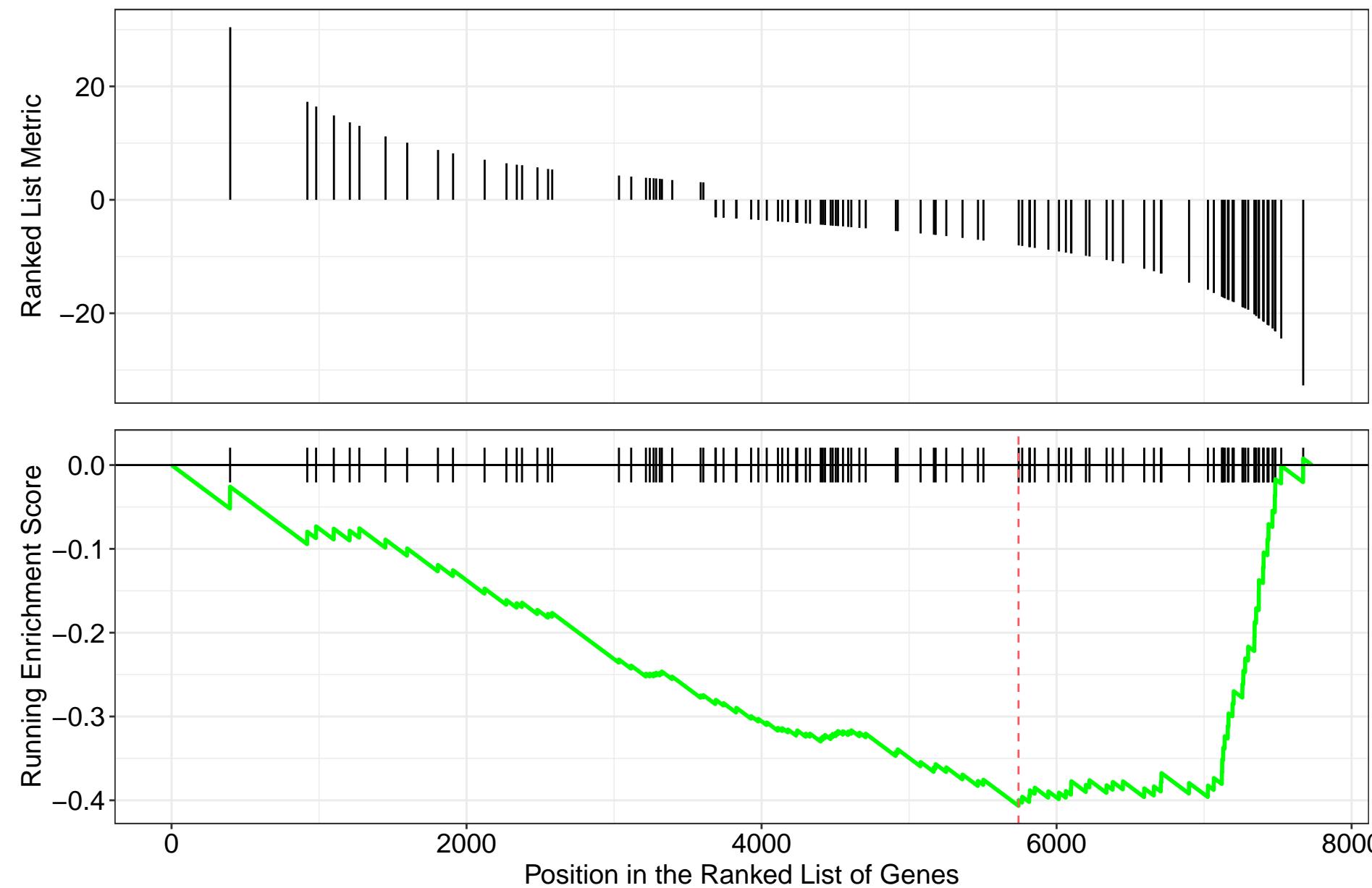
# positive regulation of leukocyte cell–cell adhesion



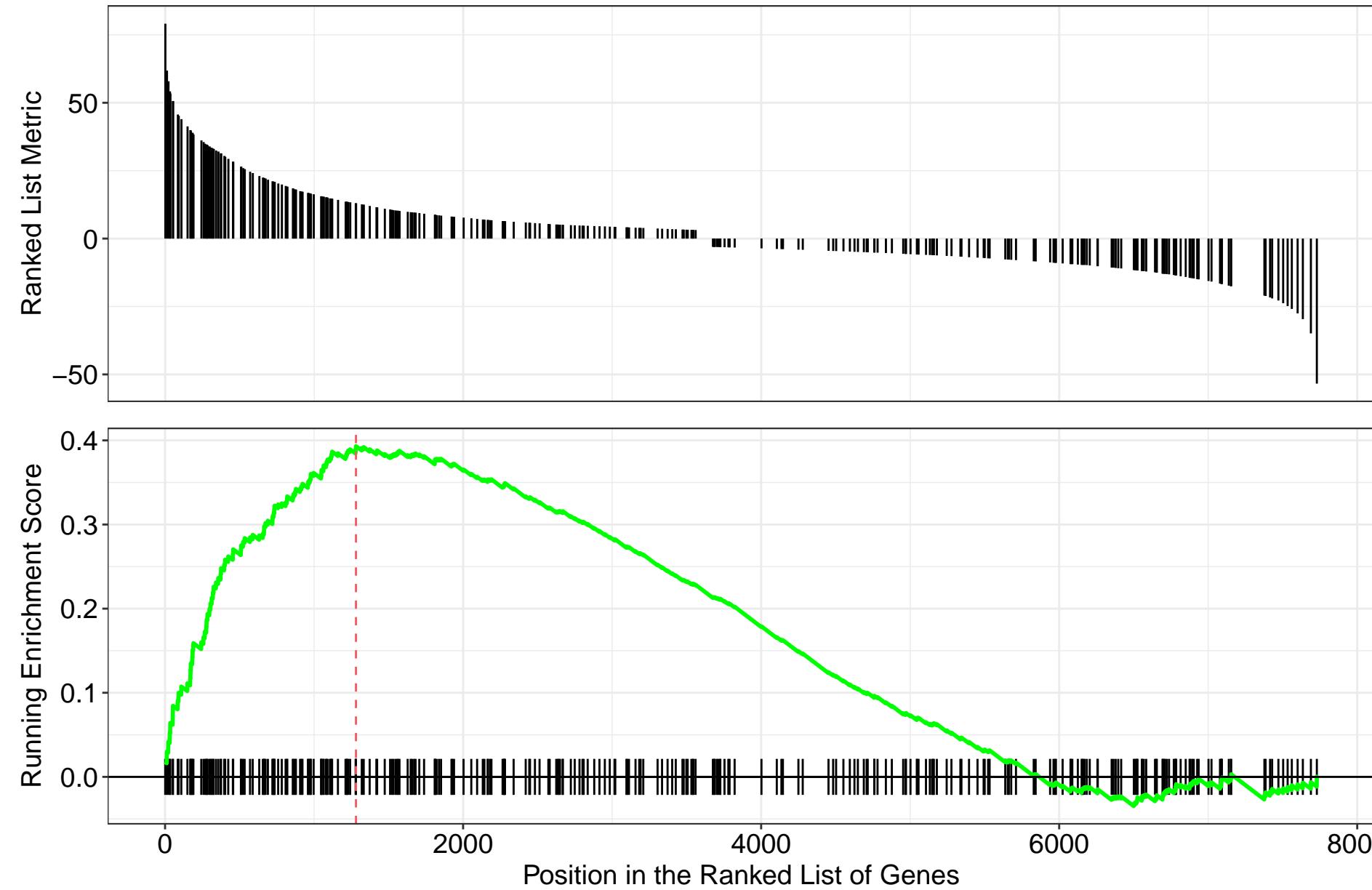
# humoral immune response



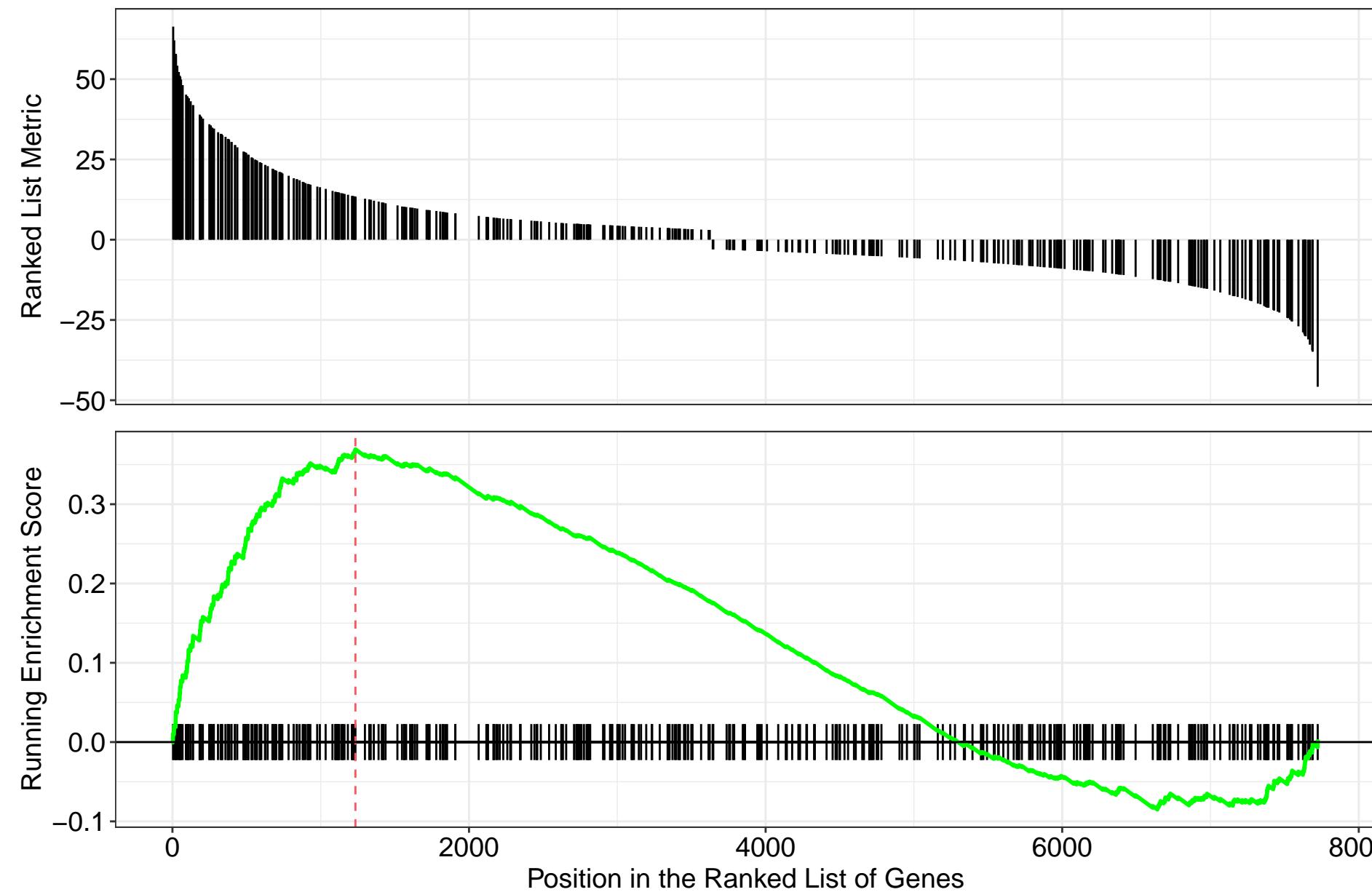
# regulation of chromosome organization



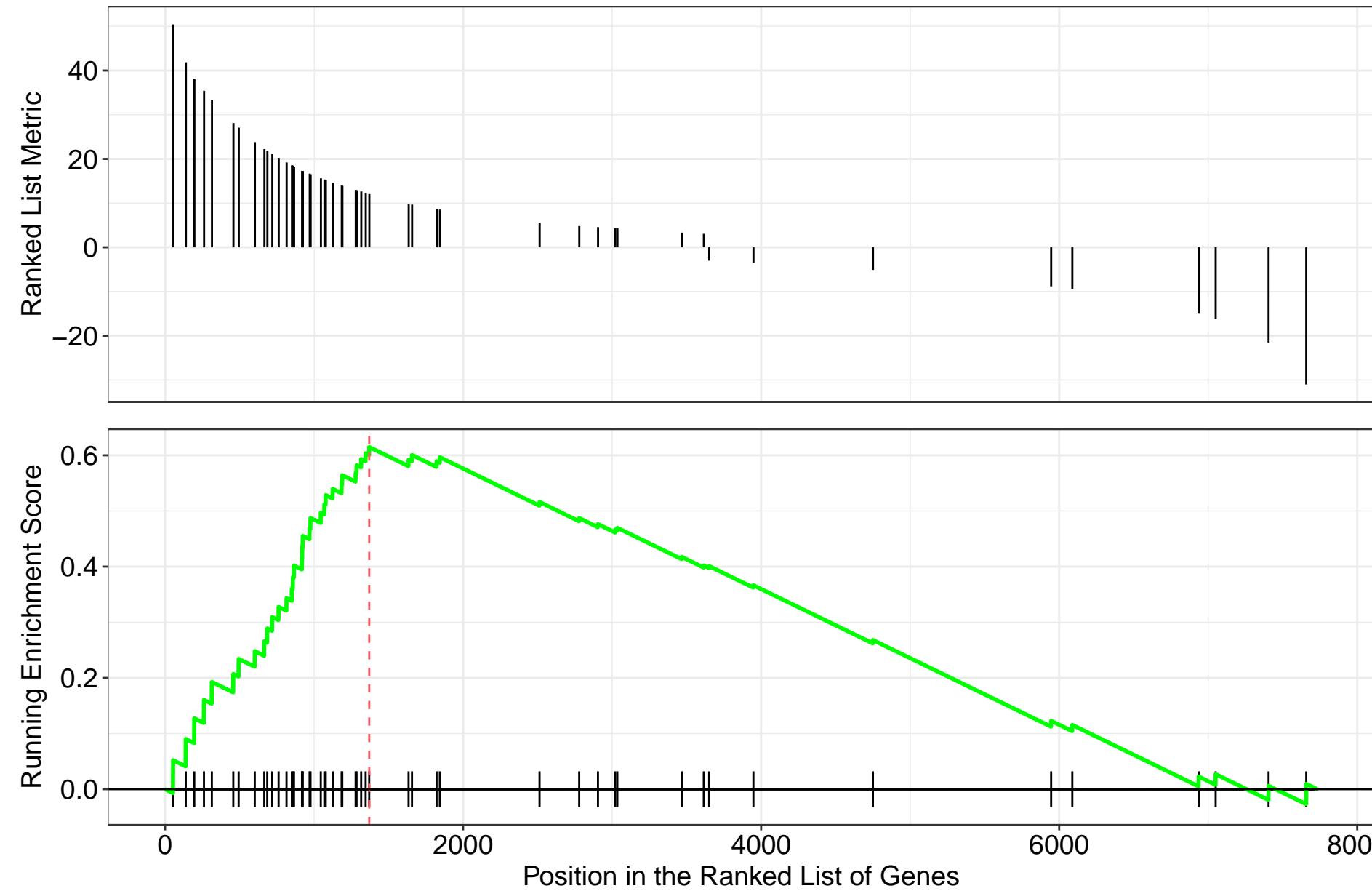
# regulation of MAPK cascade



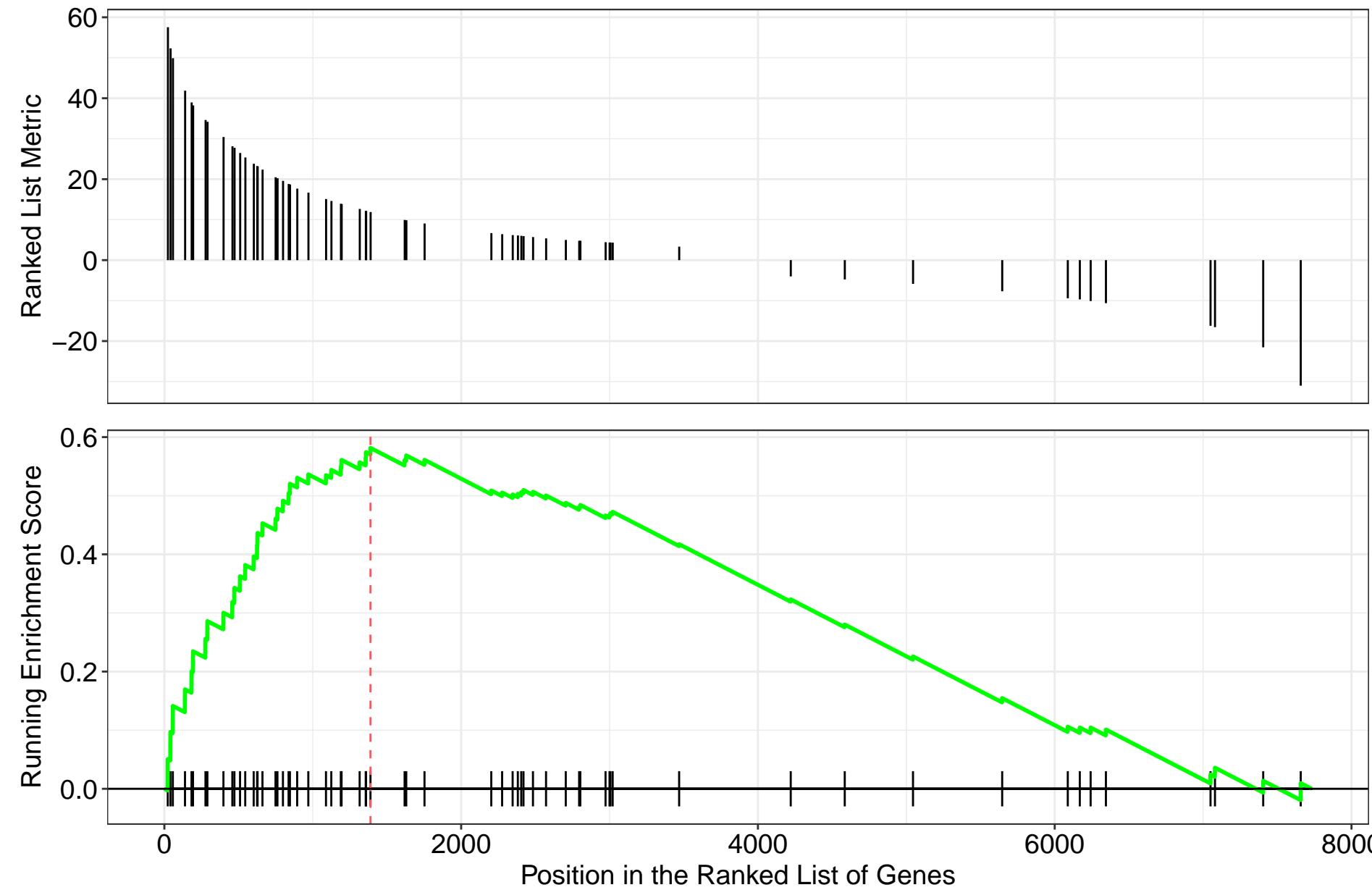
# positive regulation of cell population proliferation



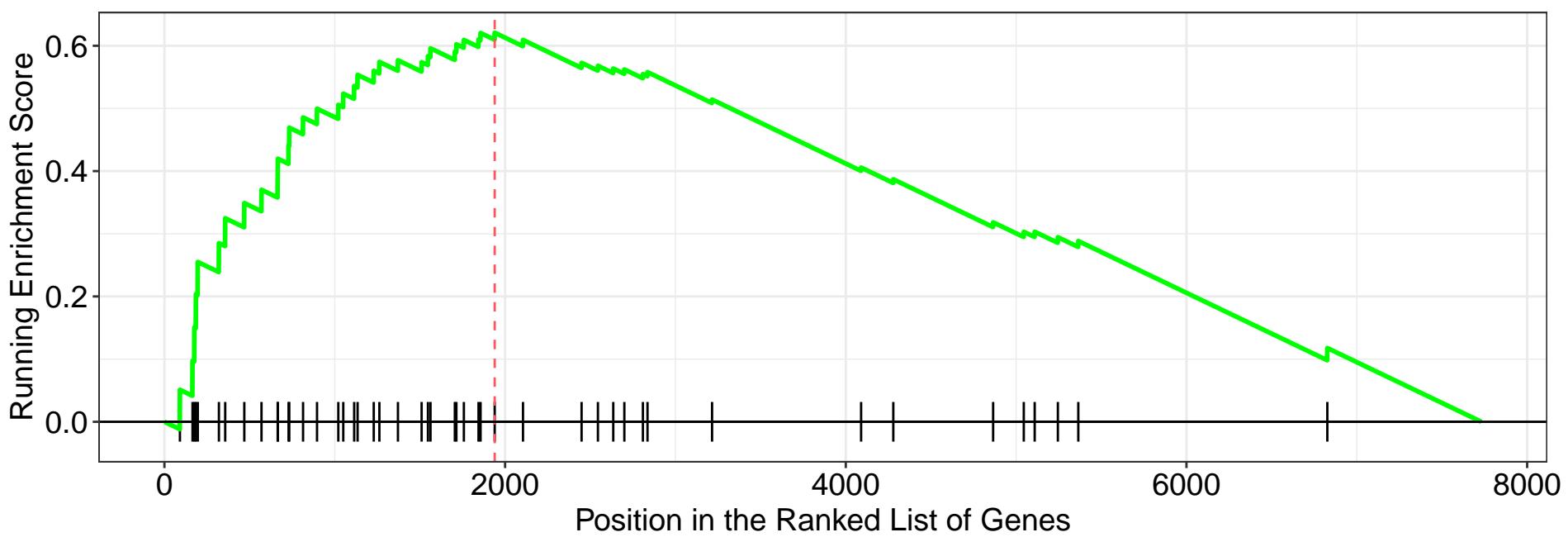
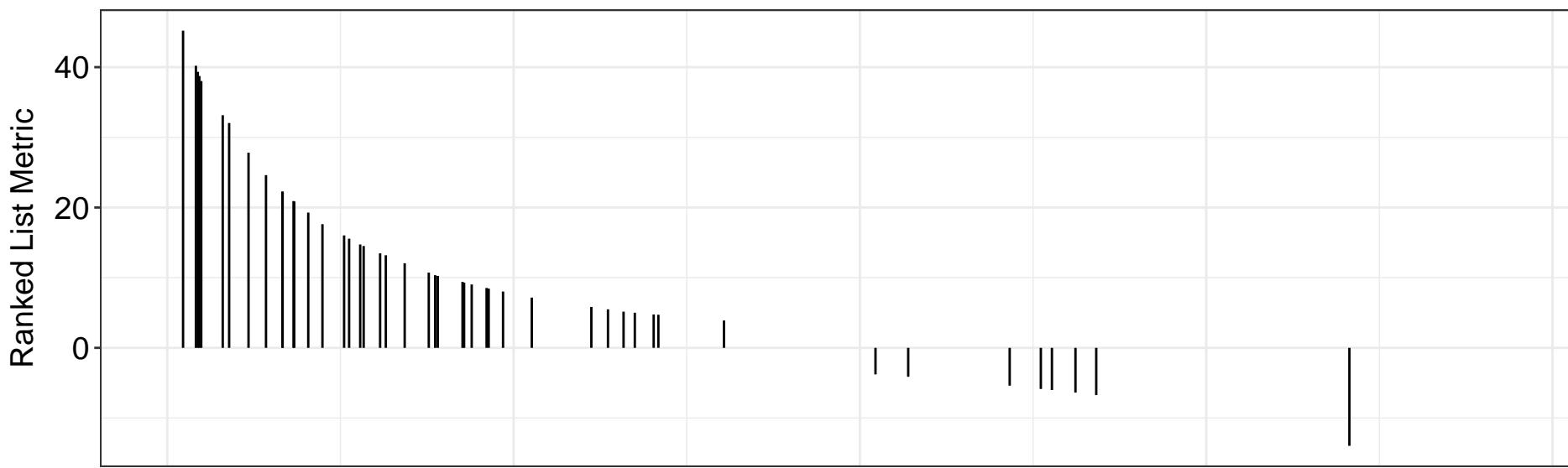
# negative regulation of innate immune response



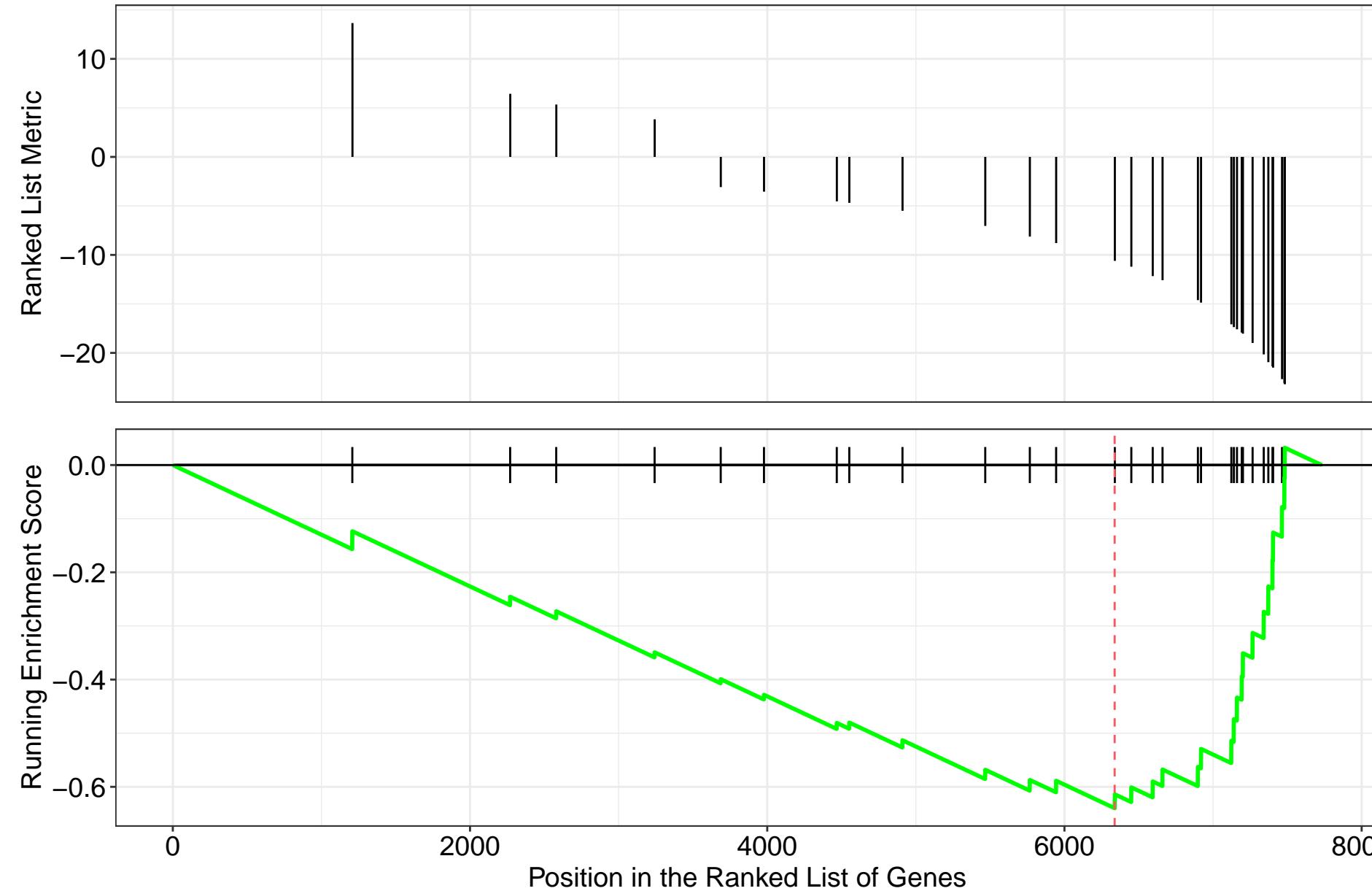
# regulation of leukocyte mediated cytotoxicity



# positive regulation of interleukin–1 beta production

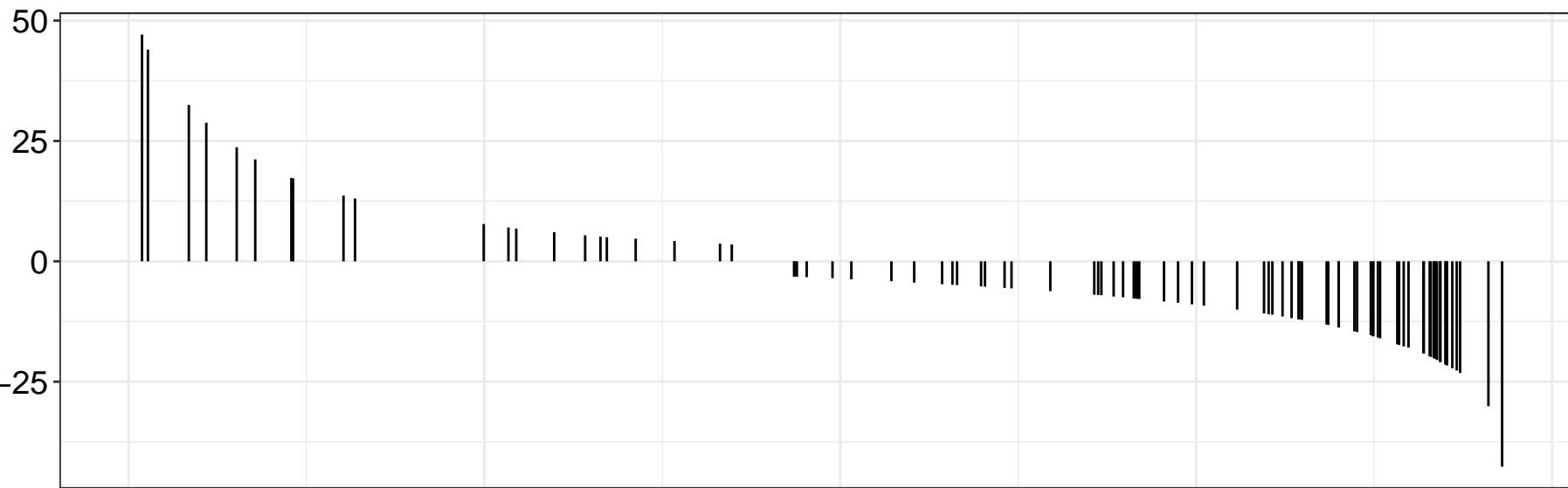


# mitotic spindle checkpoint signaling



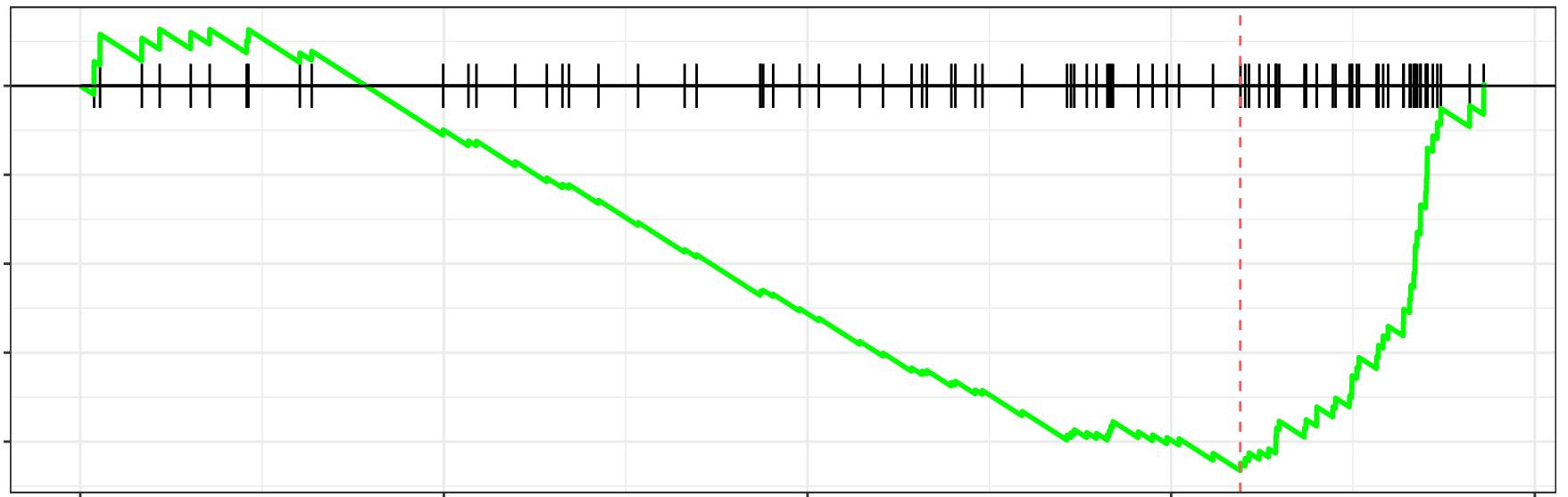
# meiotic cell cycle process

Ranked List Metric

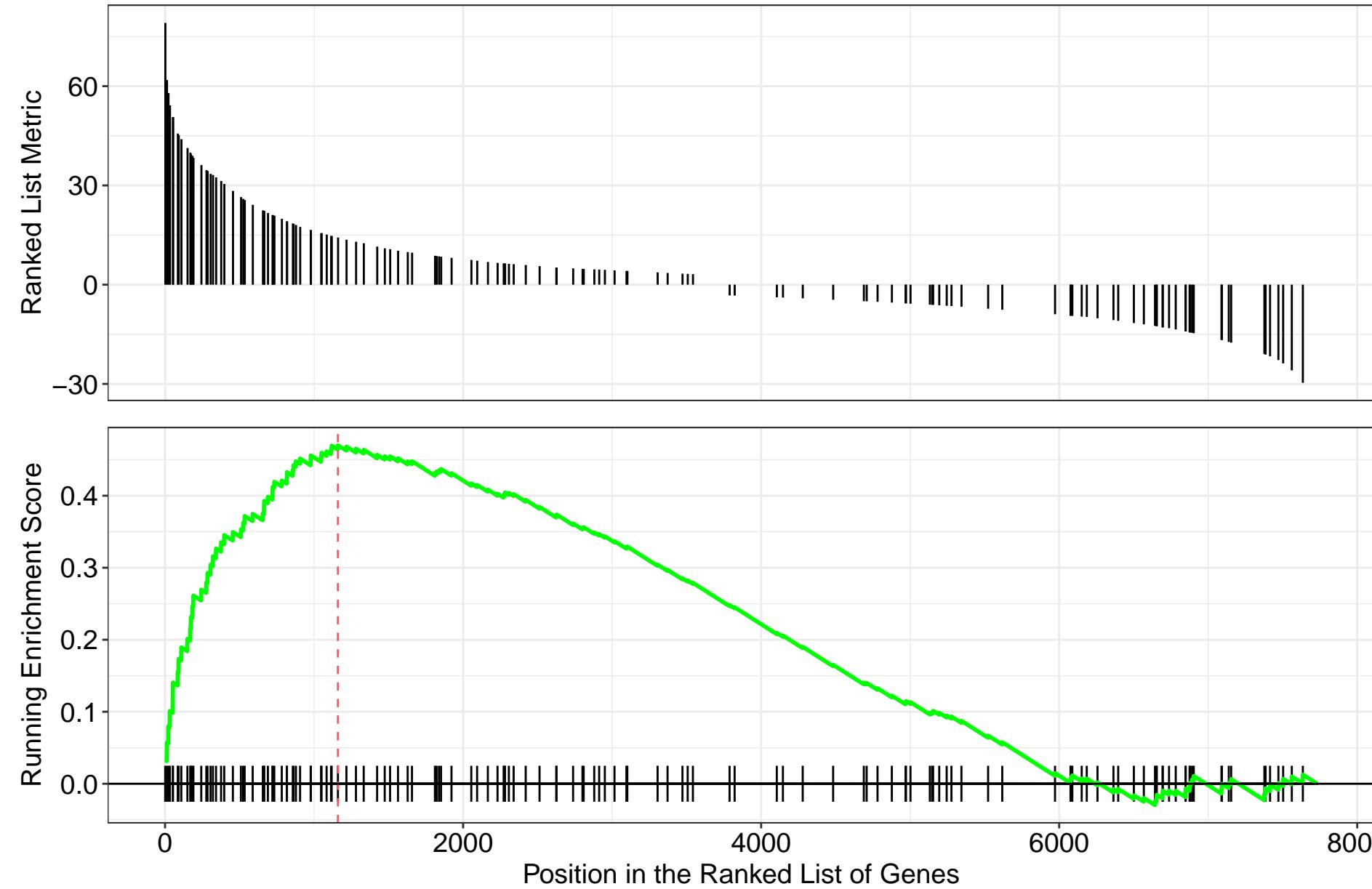


Running Enrichment Score

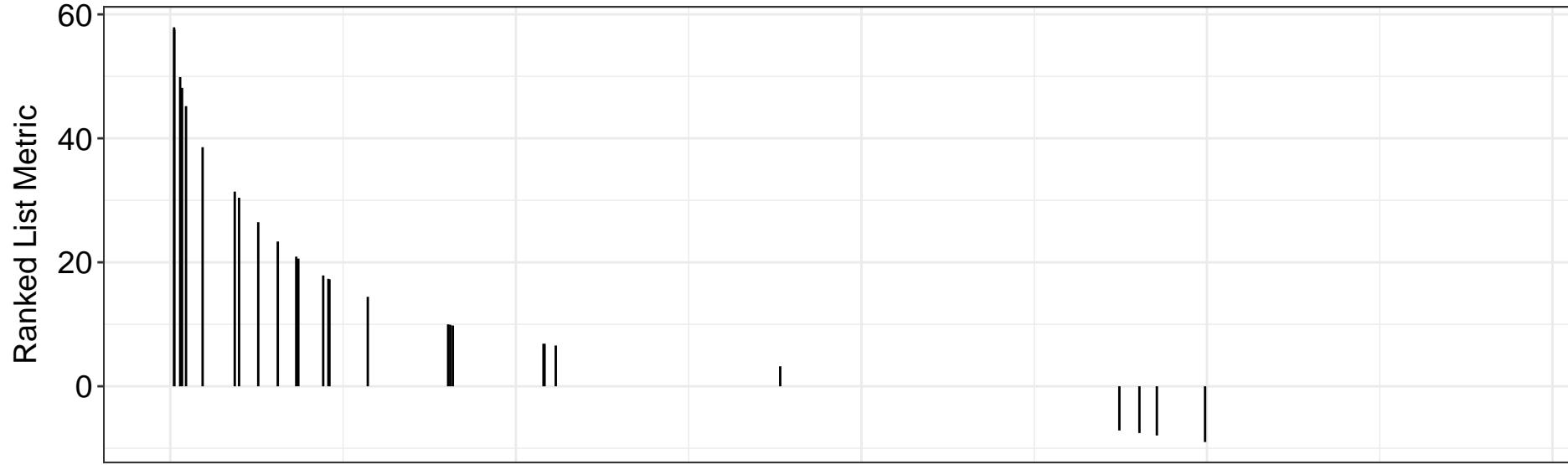
Position in the Ranked List of Genes



# ERK1 and ERK2 cascade

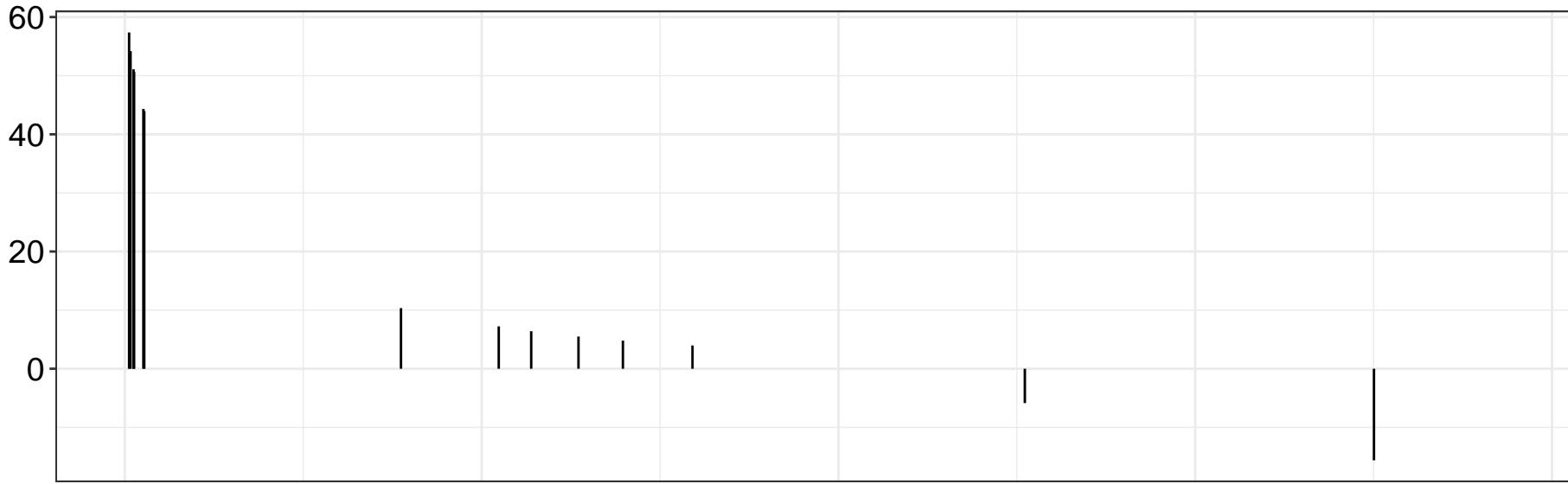


# positive regulation of tyrosine phosphorylation of STAT protein

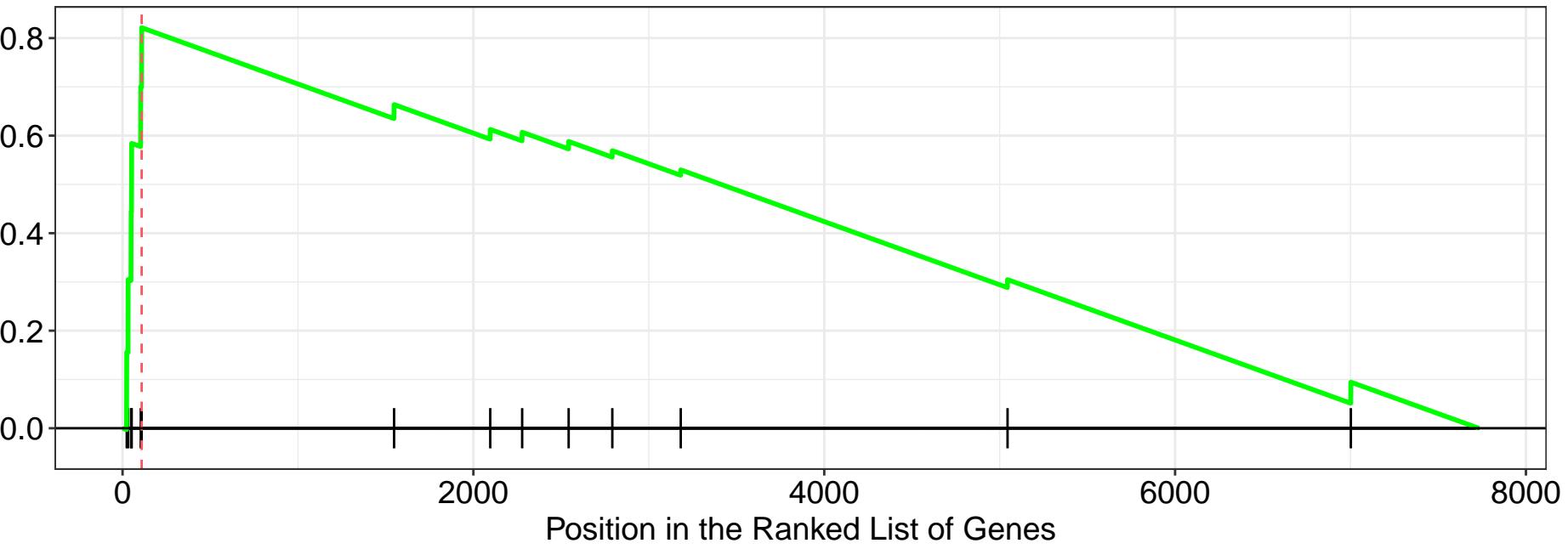


# prostaglandin secretion

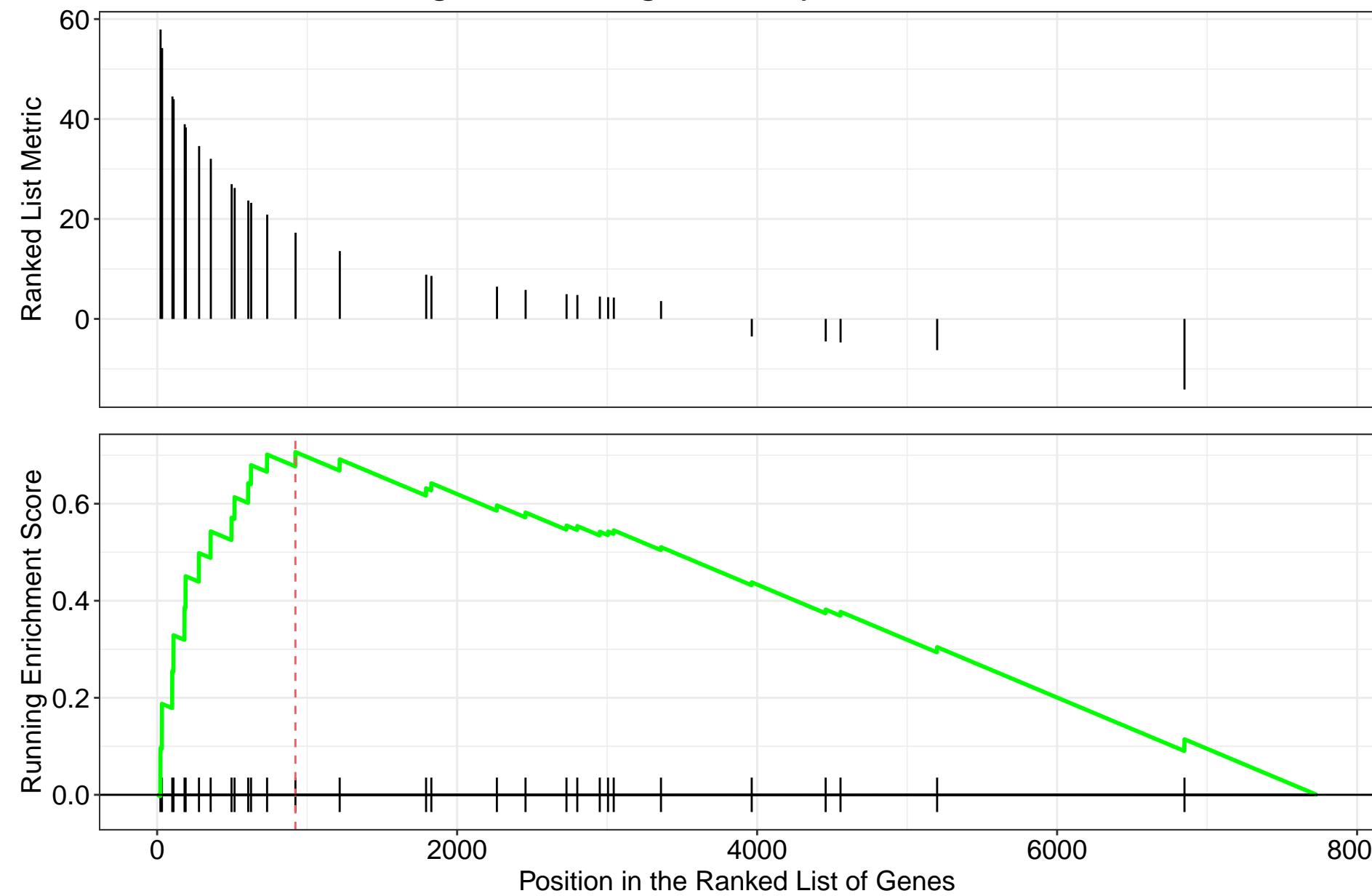
Ranked List Metric



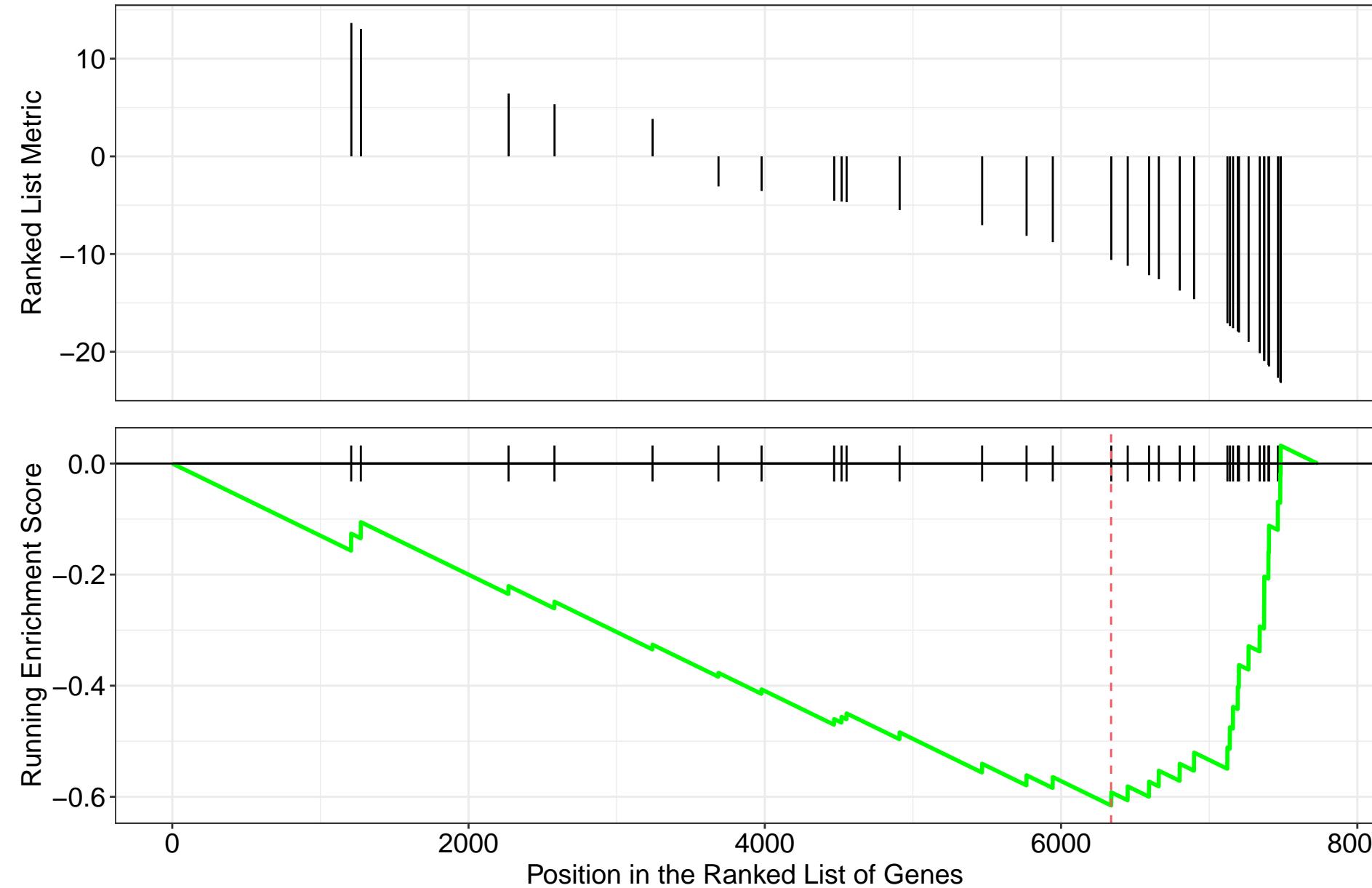
Running Enrichment Score



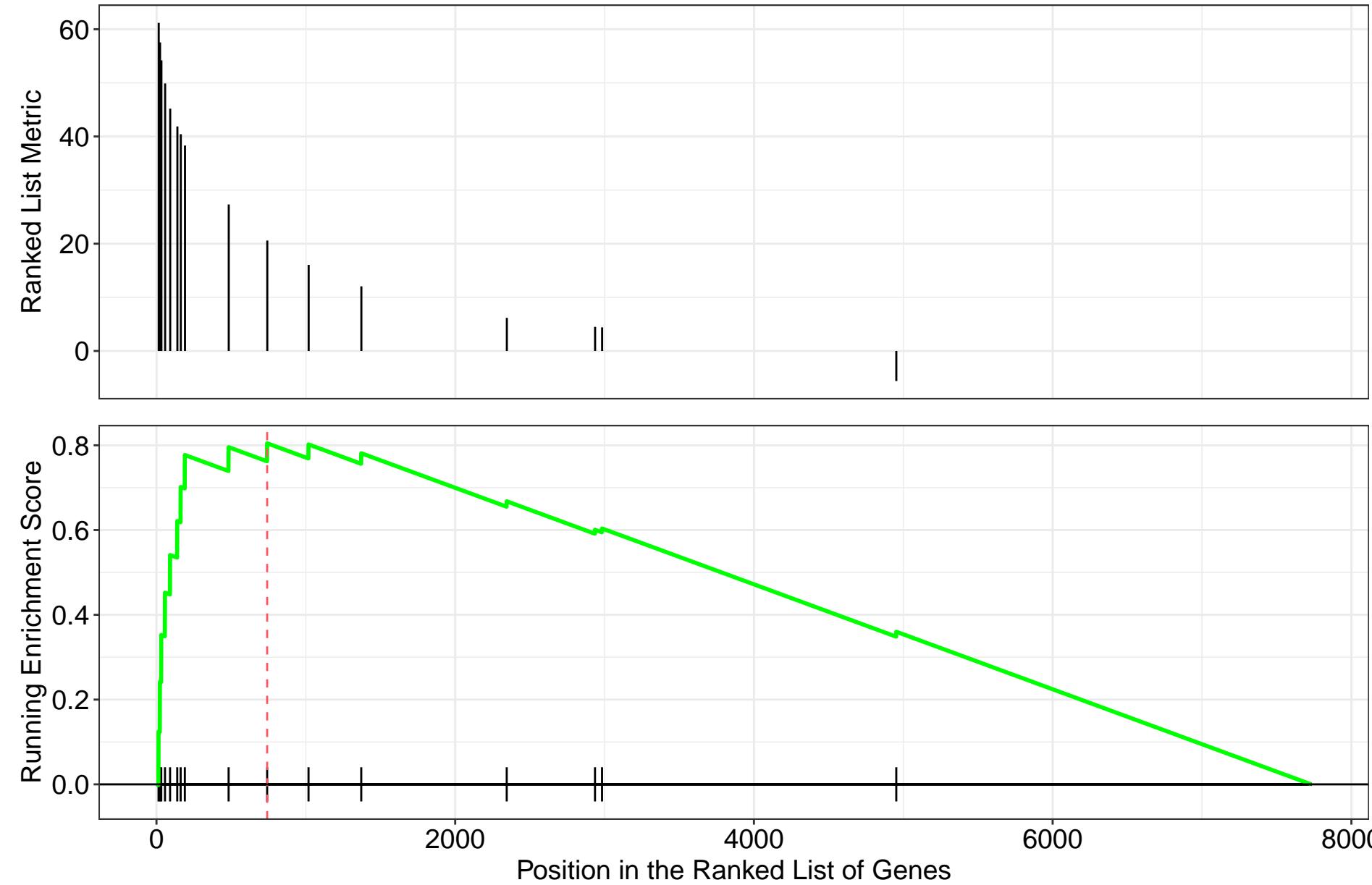
# regulation of granulocyte chemotaxis



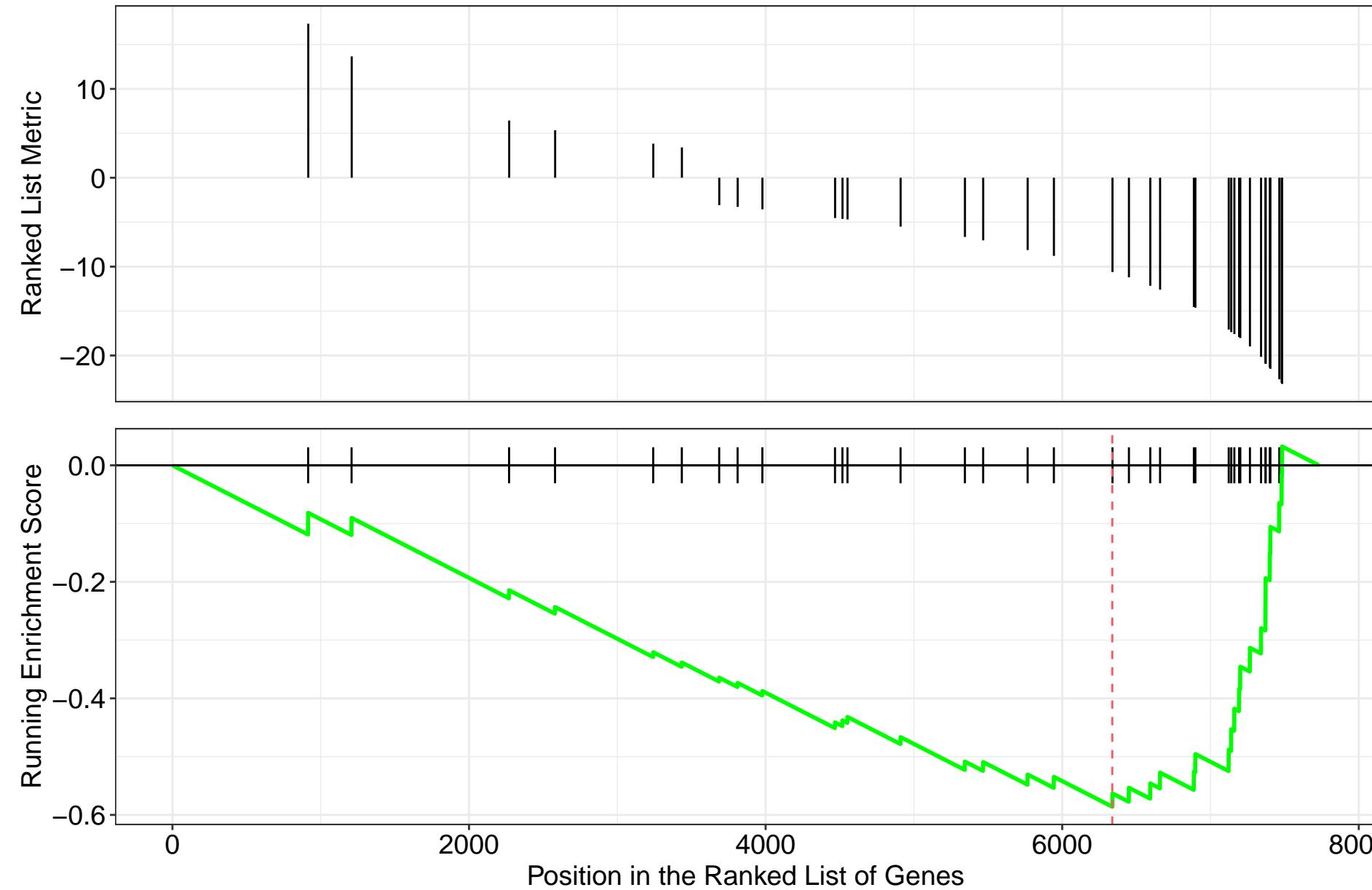
# negative regulation of chromosome segregation



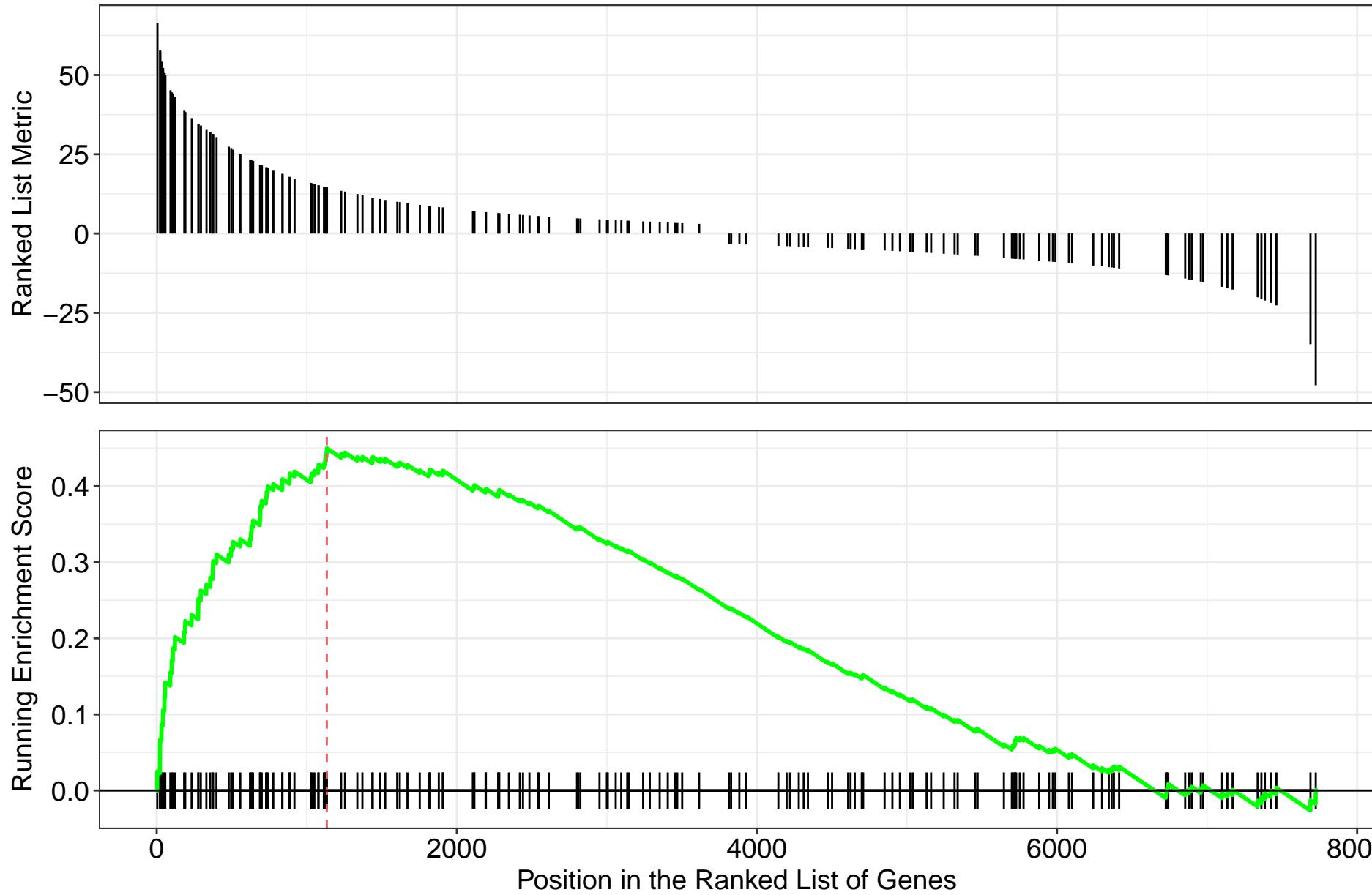
# CD4-positive, alpha-beta T cell cytokine production



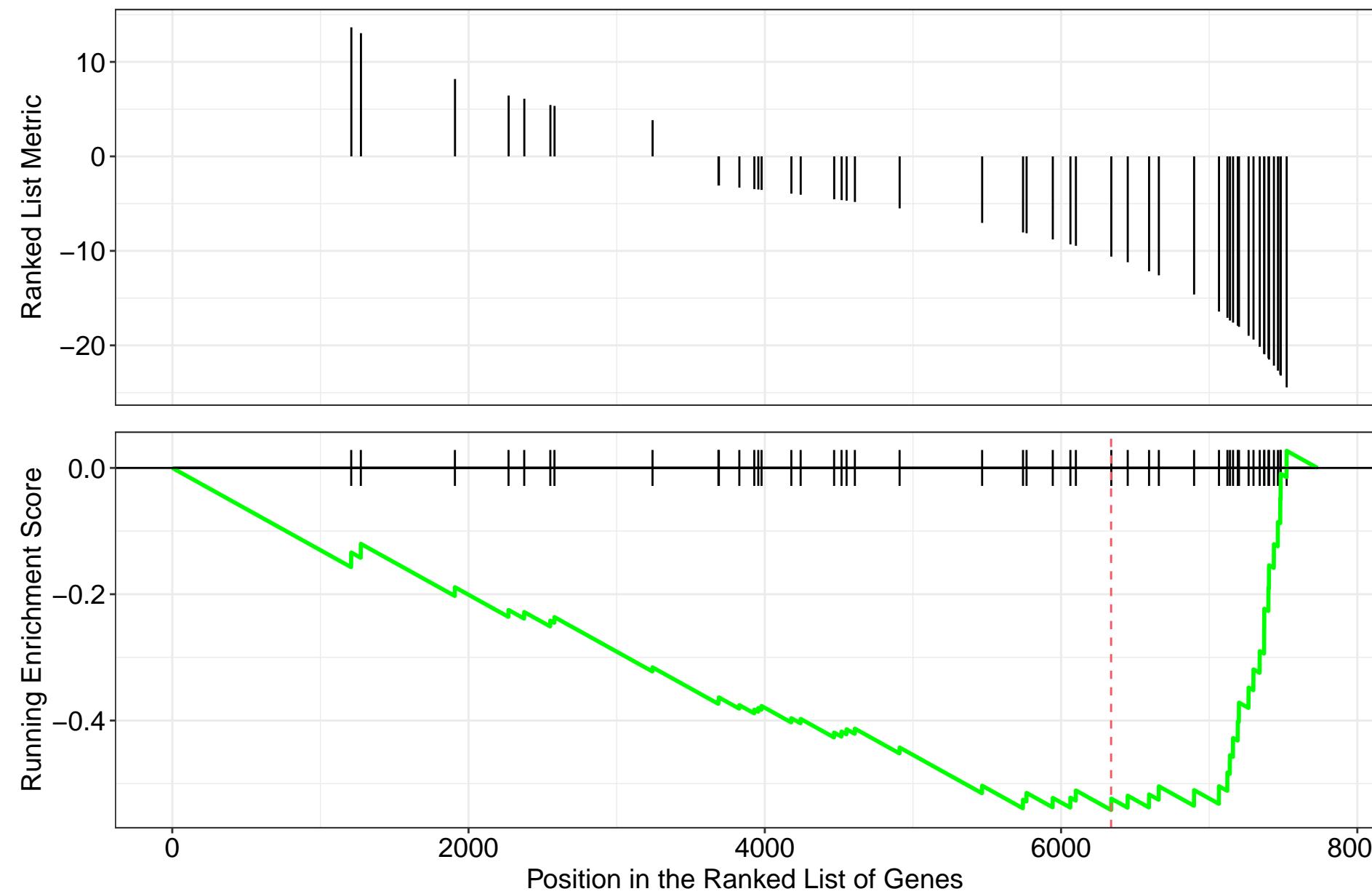
# negative regulation of nuclear division



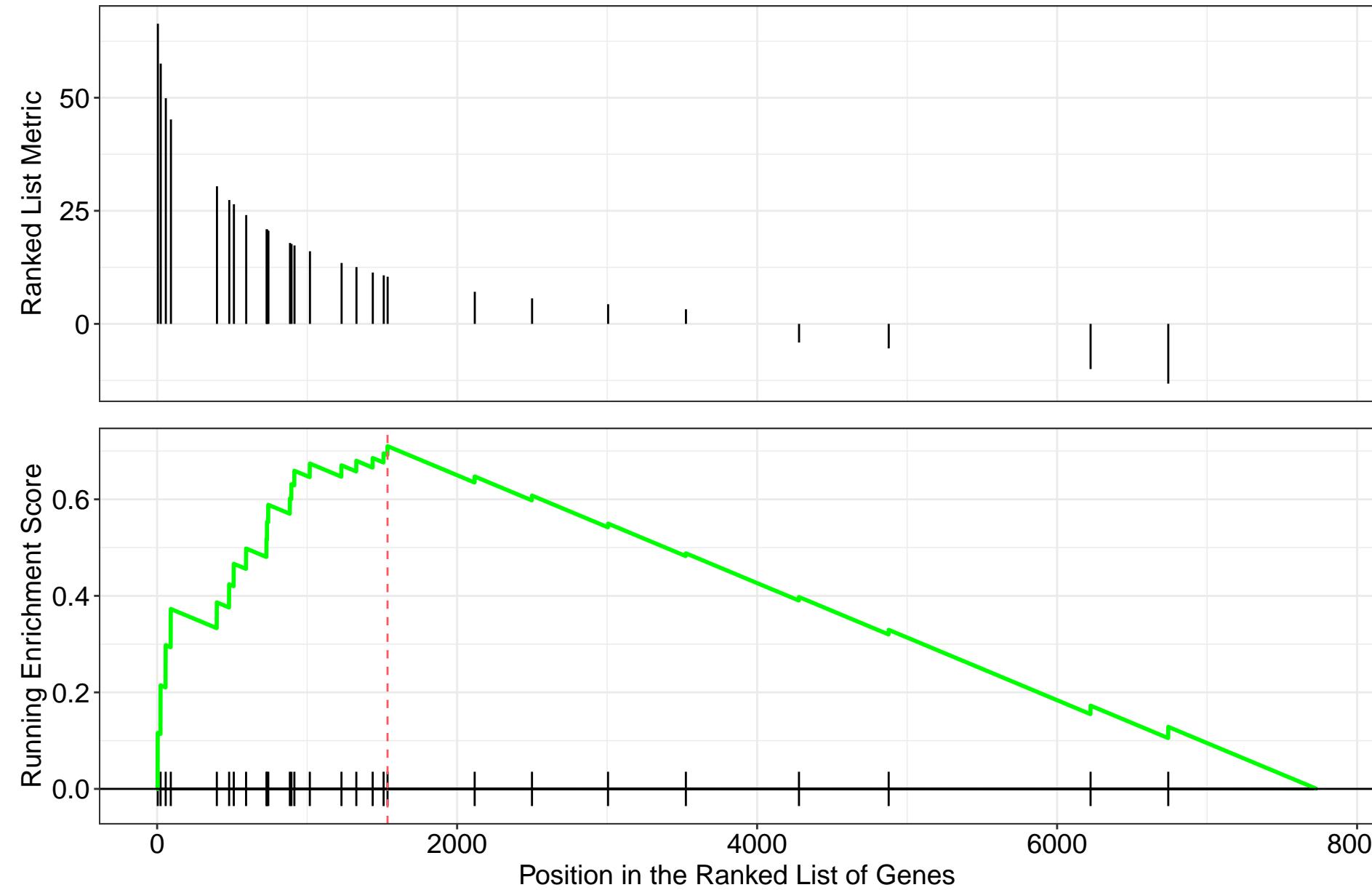
# positive regulation of lymphocyte activation



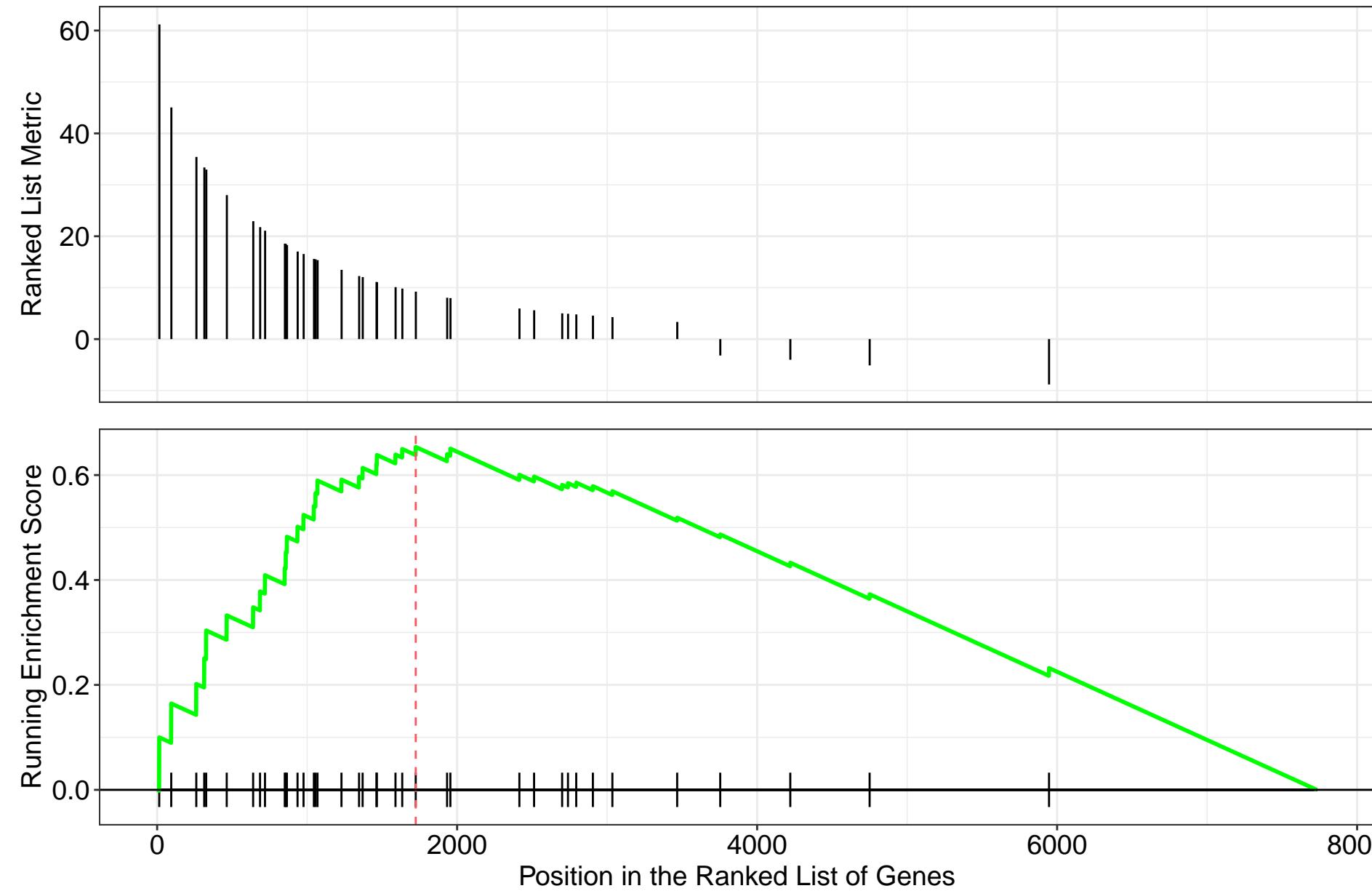
# mitotic sister chromatid separation



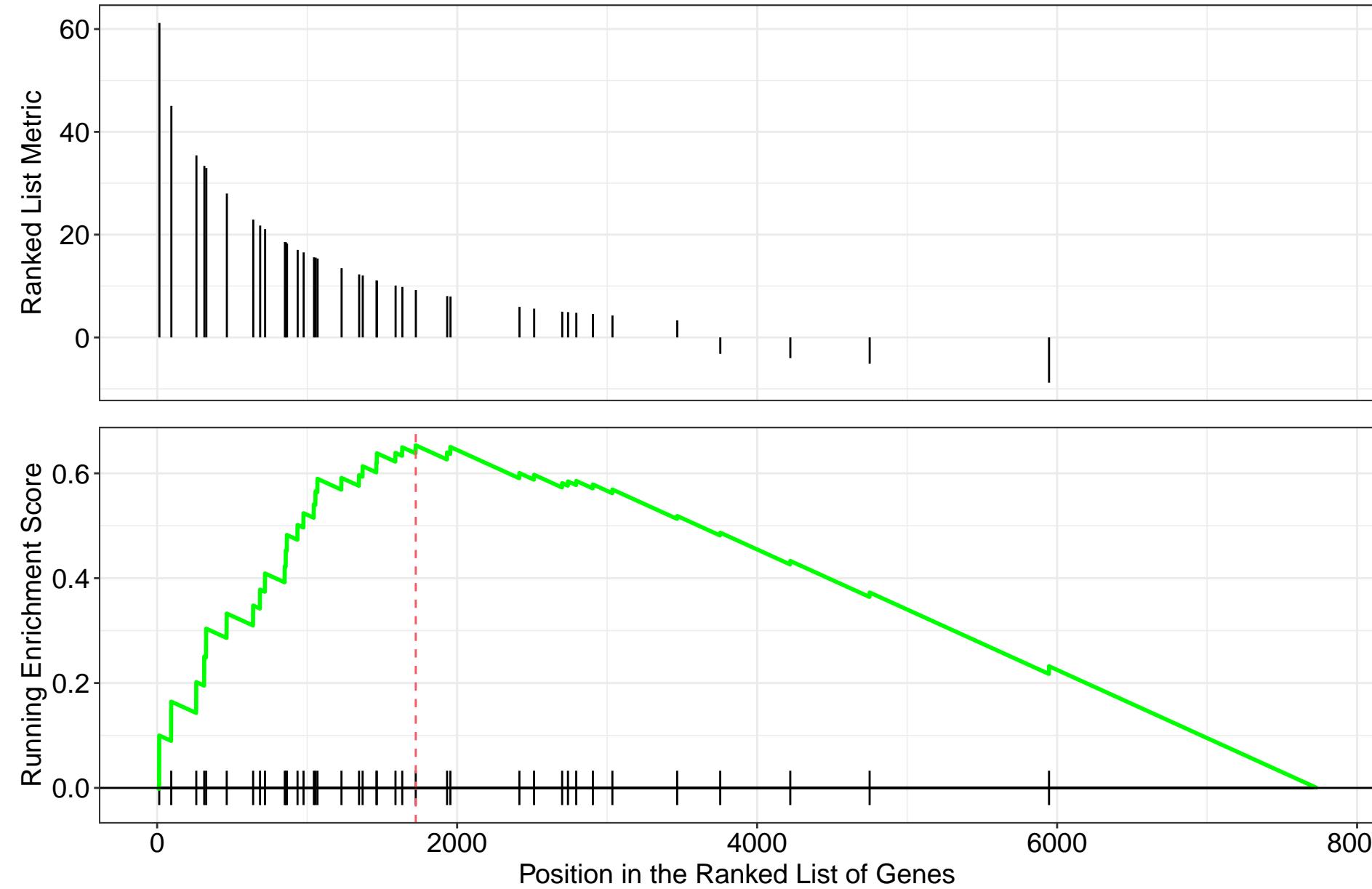
# regulation of interleukin-17 production



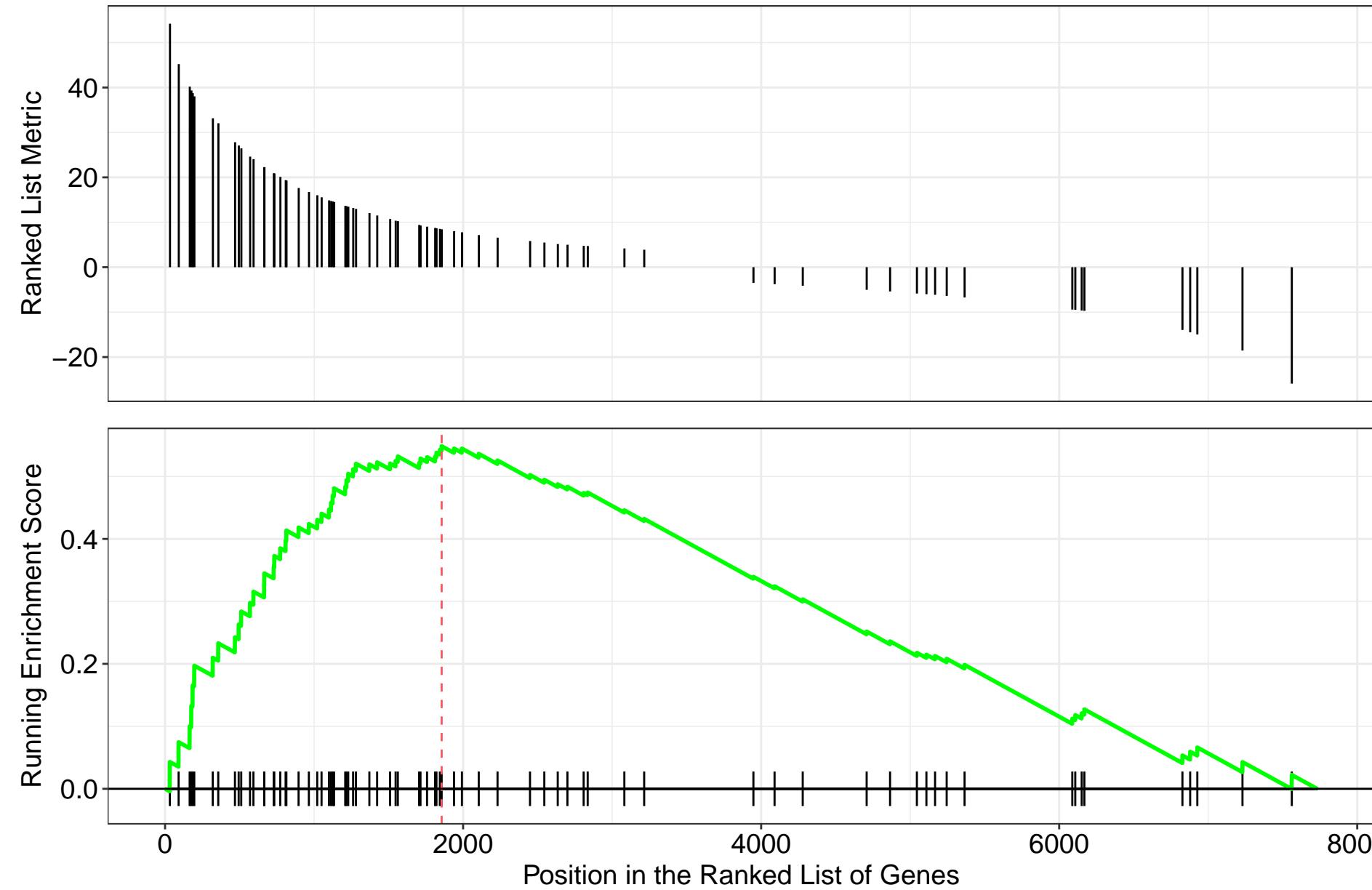
# type I interferon signaling pathway



# cellular response to type I interferon

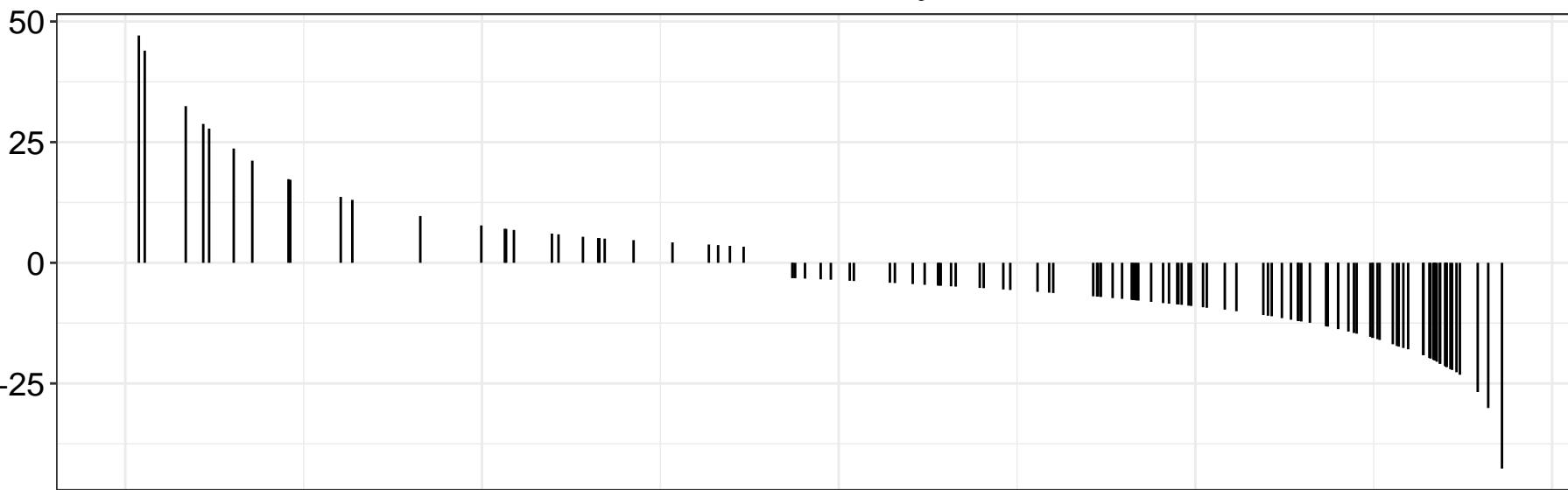


# interleukin–1 production



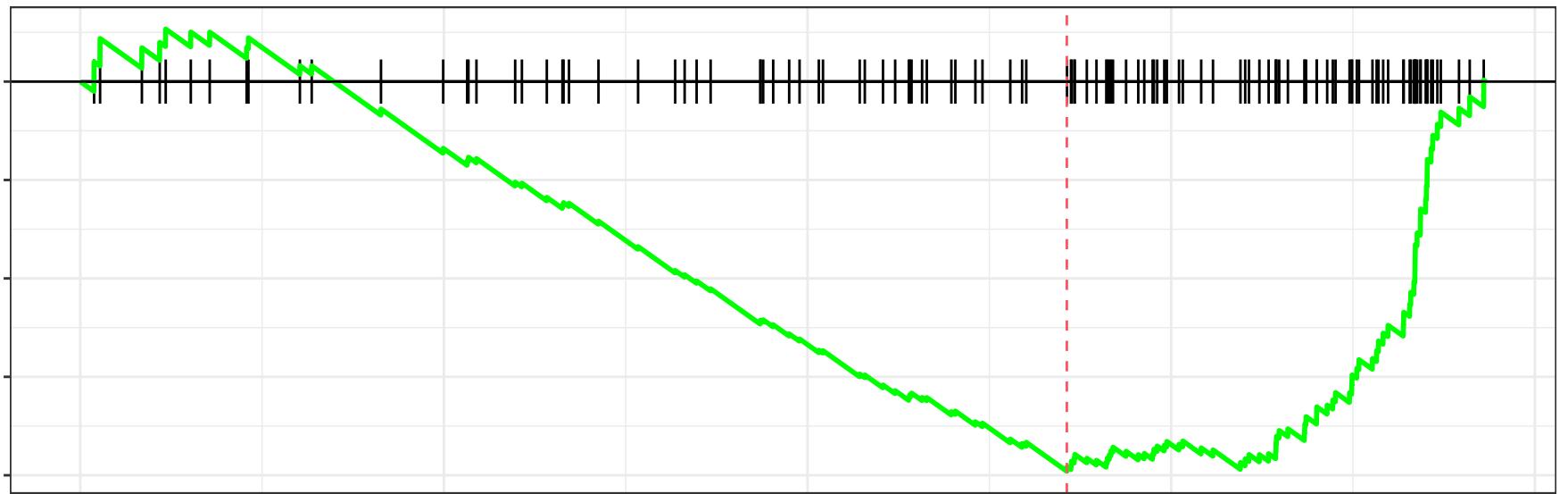
# meiotic cell cycle

Ranked List Metric

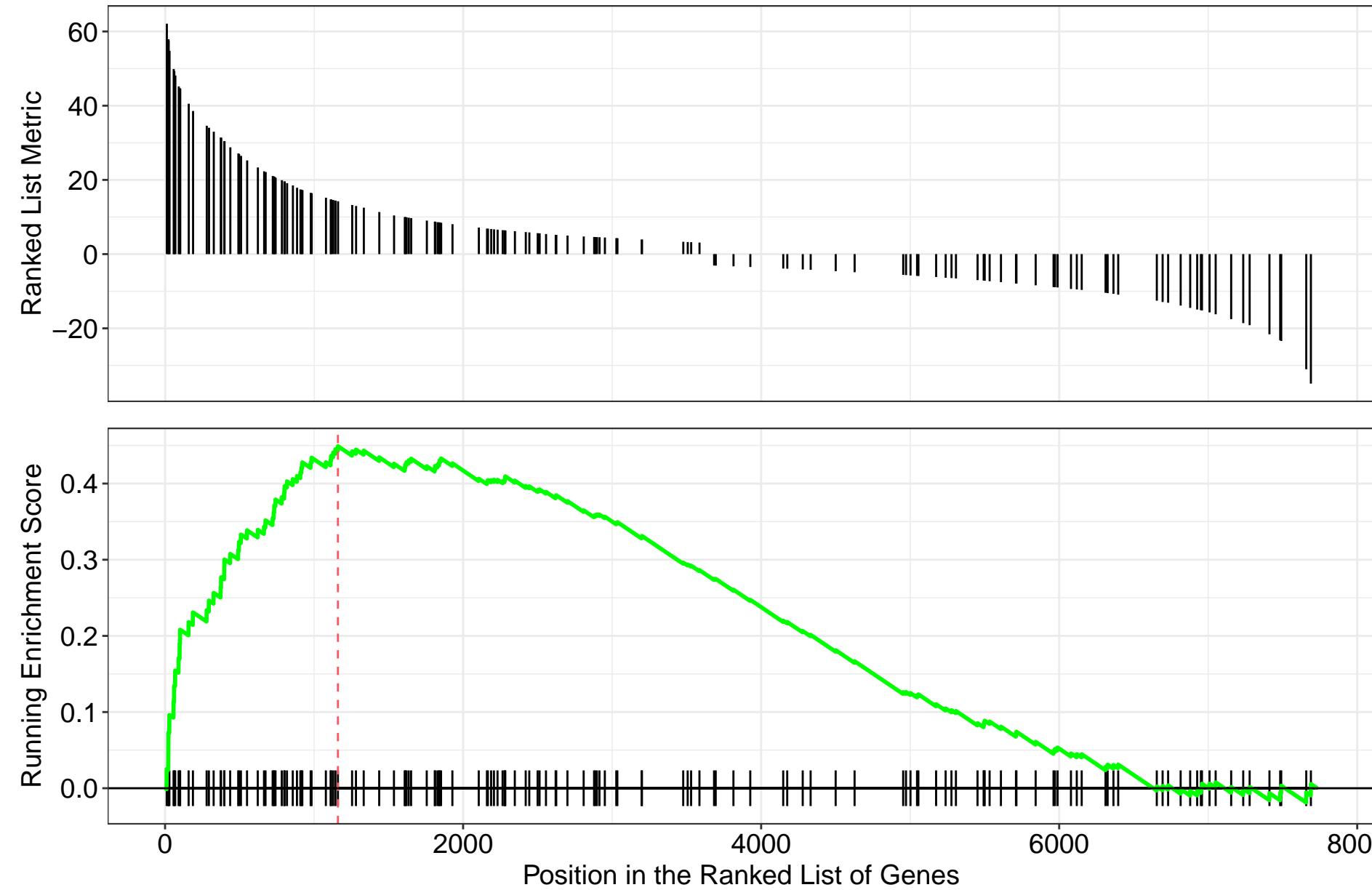


Running Enrichment Score

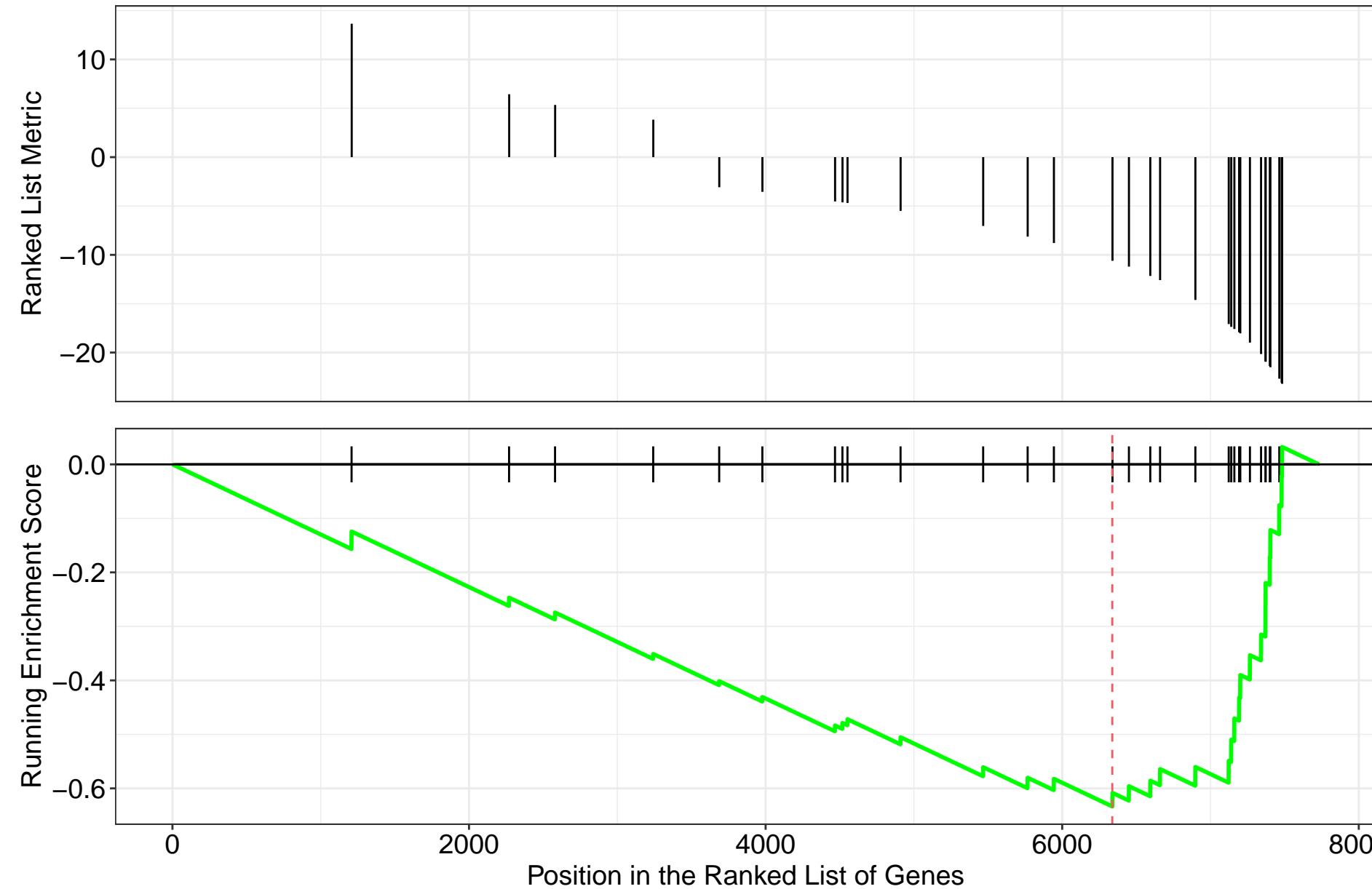
Position in the Ranked List of Genes



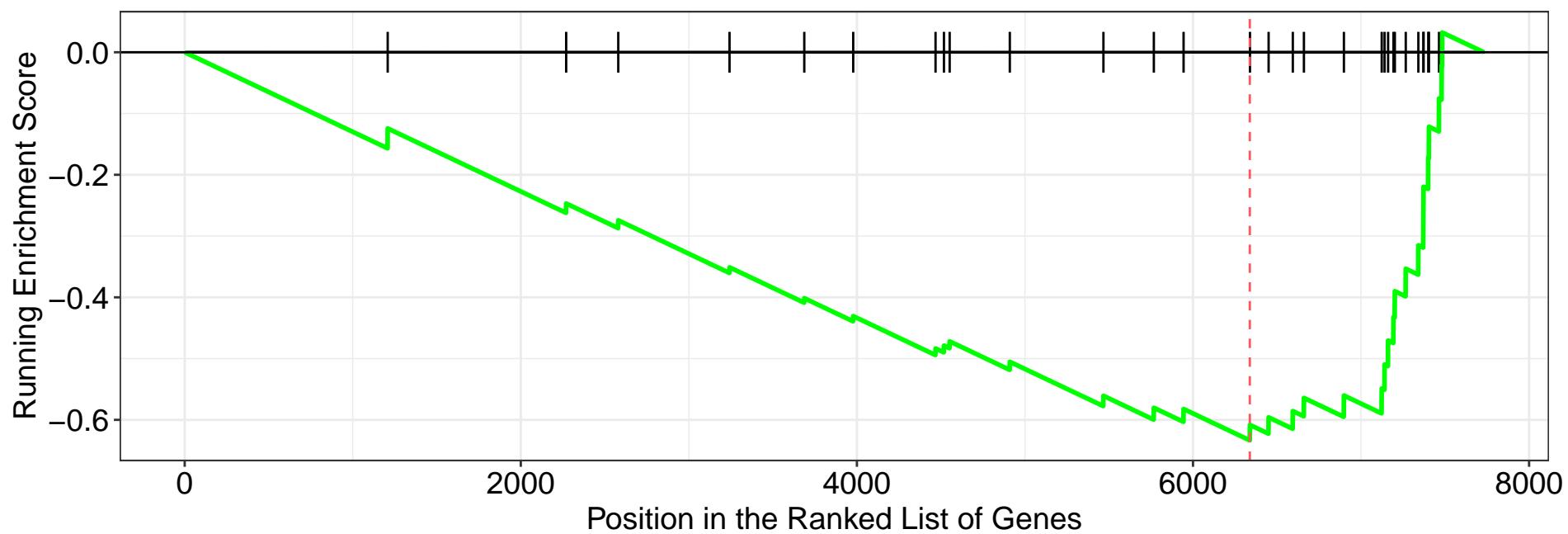
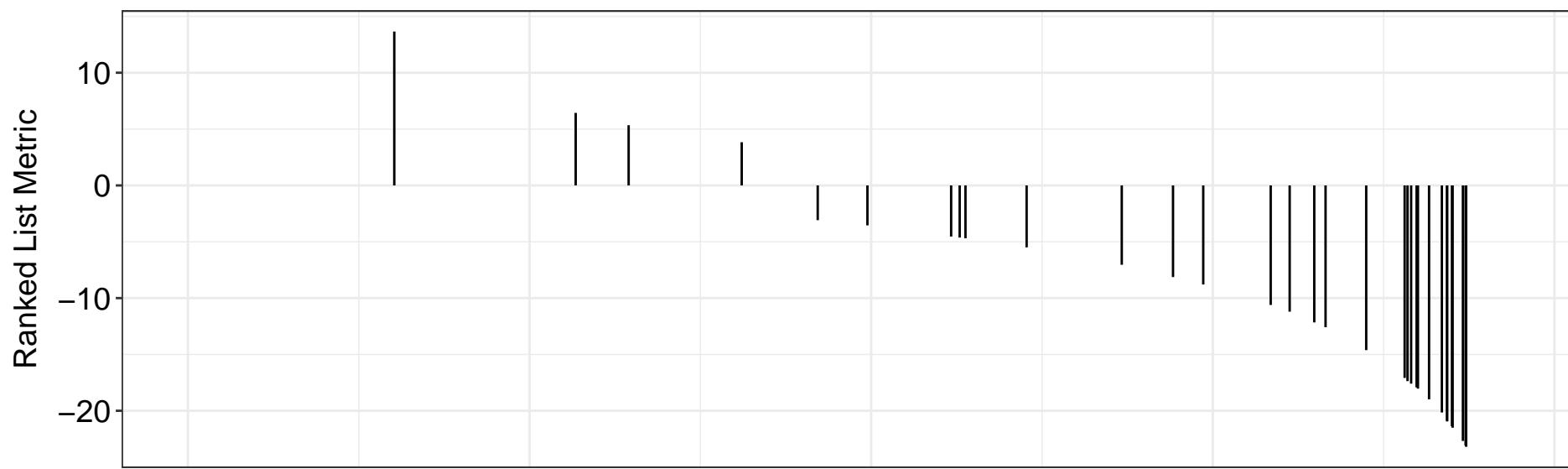
# peptidyl–tyrosine modification



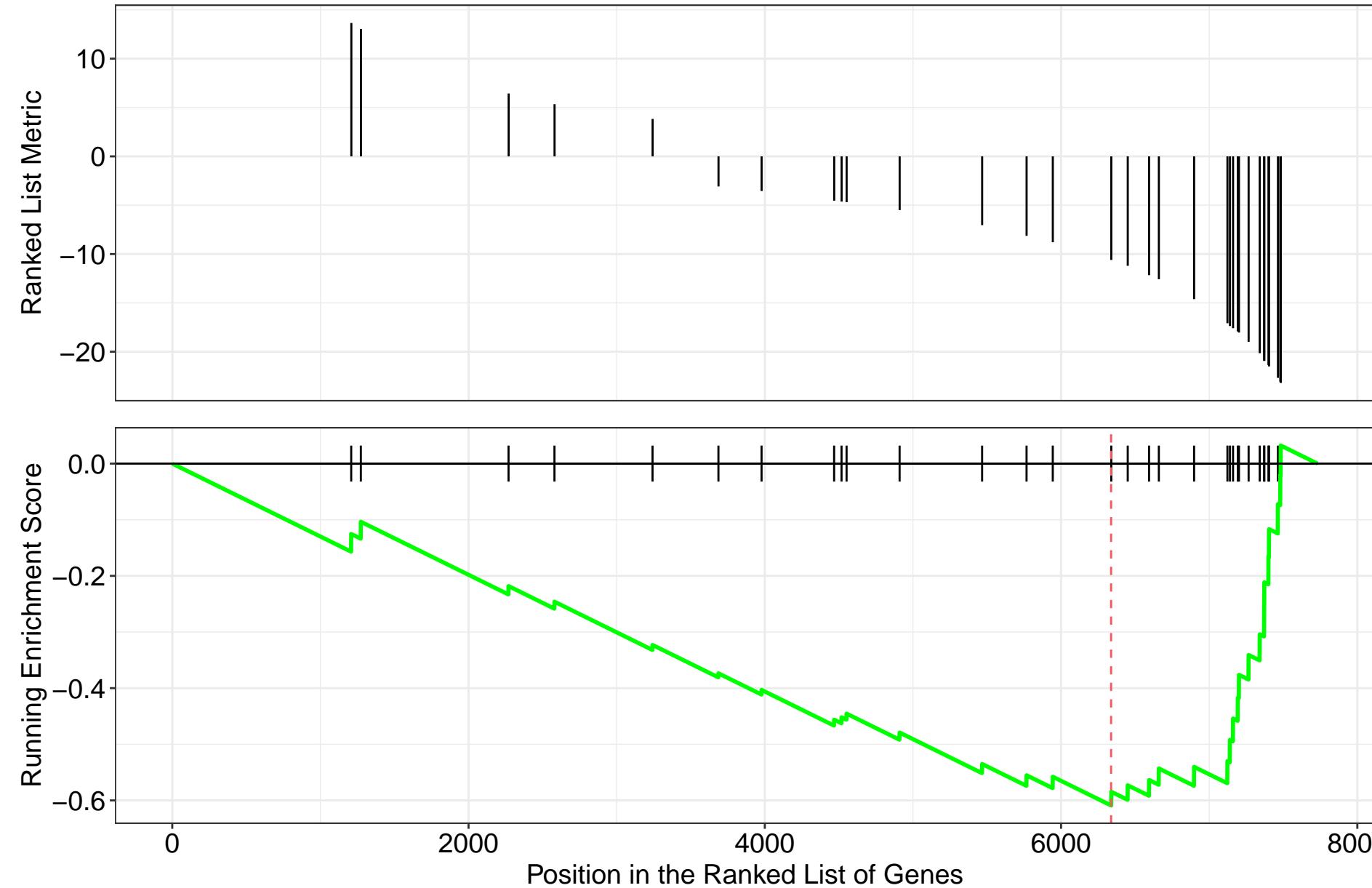
# negative regulation of mitotic metaphase/anaphase transition



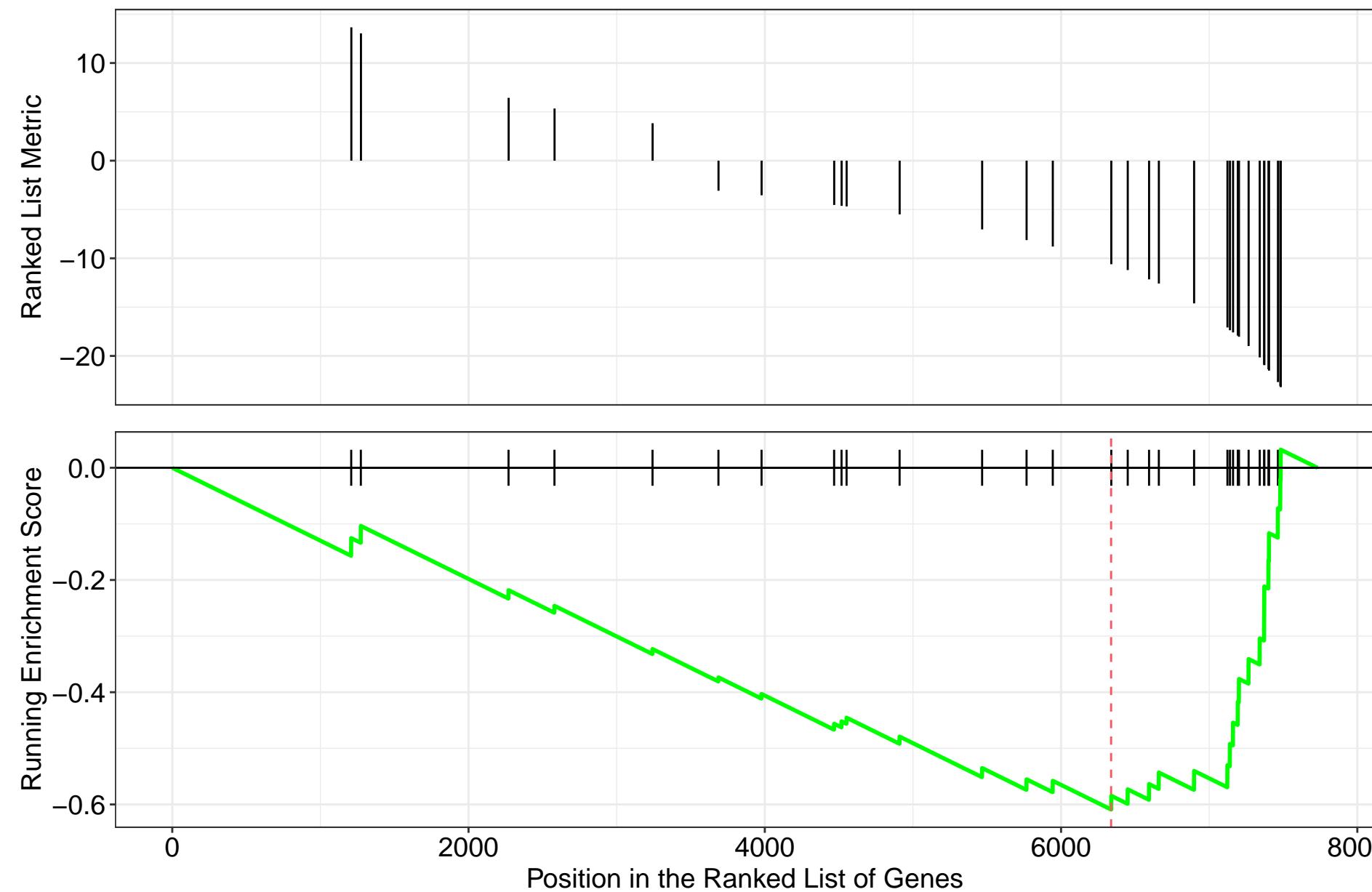
# negative regulation of metaphase/anaphase transition of cell cycle



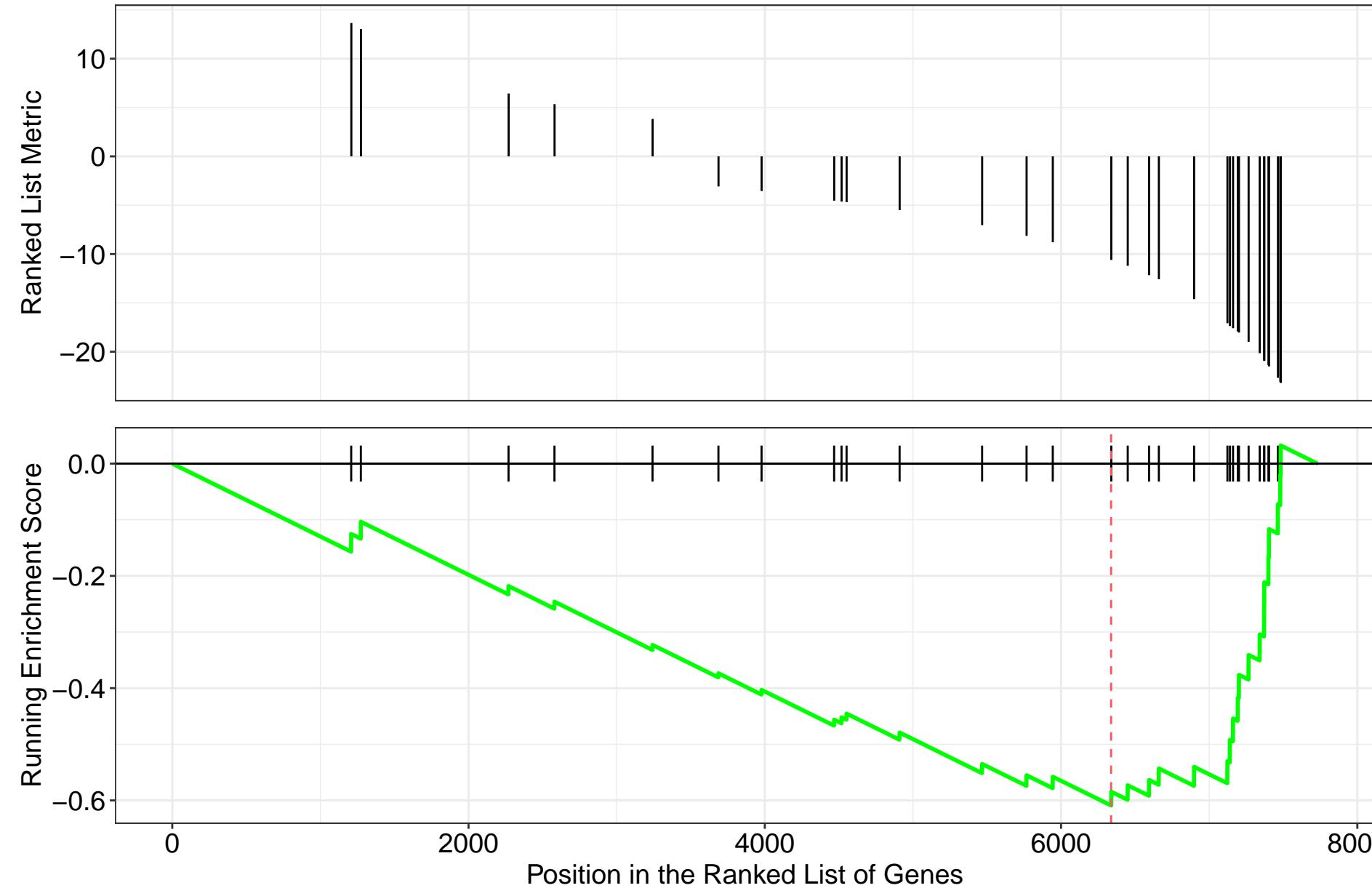
# negative regulation of sister chromatid segregation



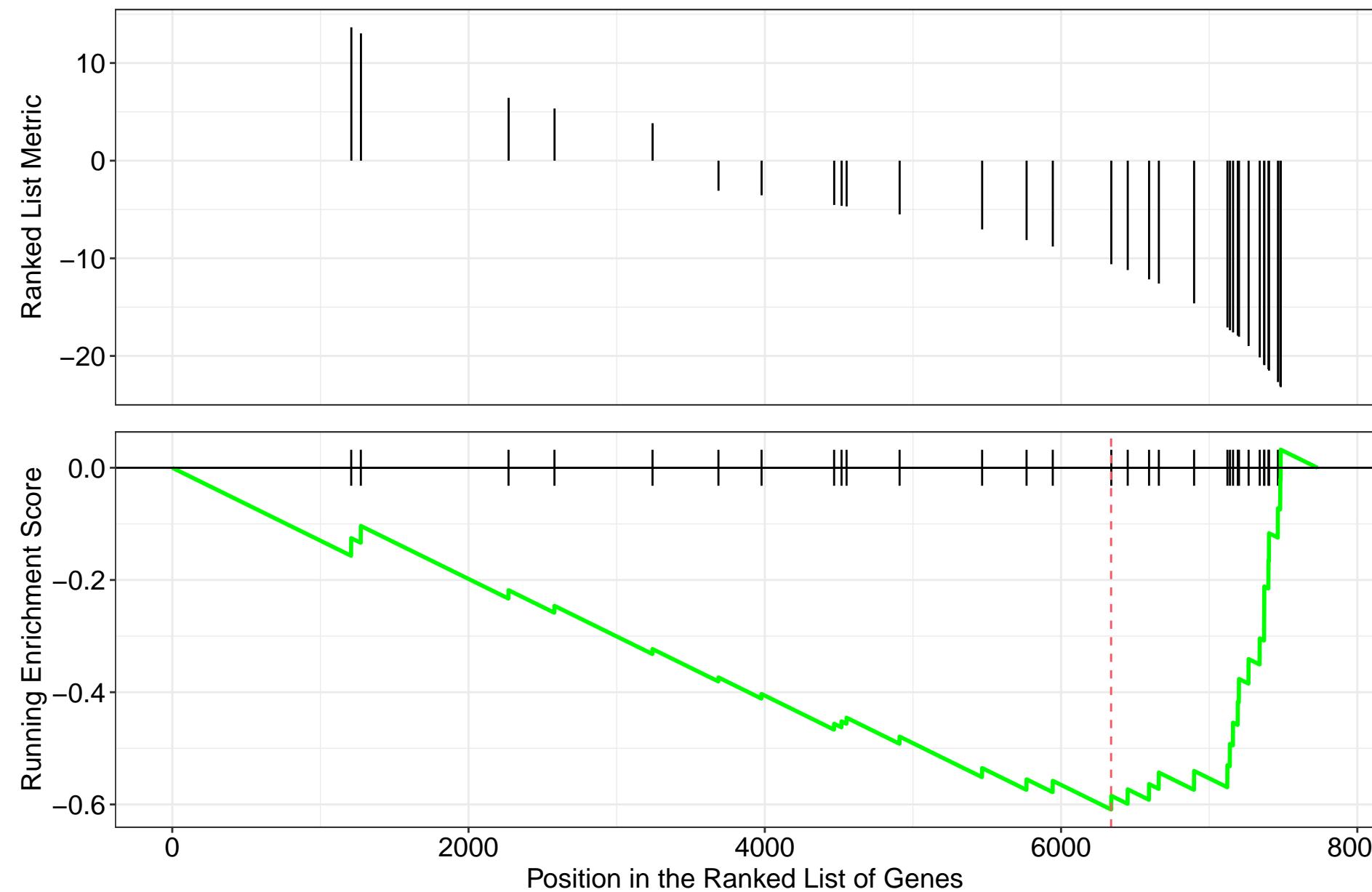
# negative regulation of mitotic sister chromatid segregation



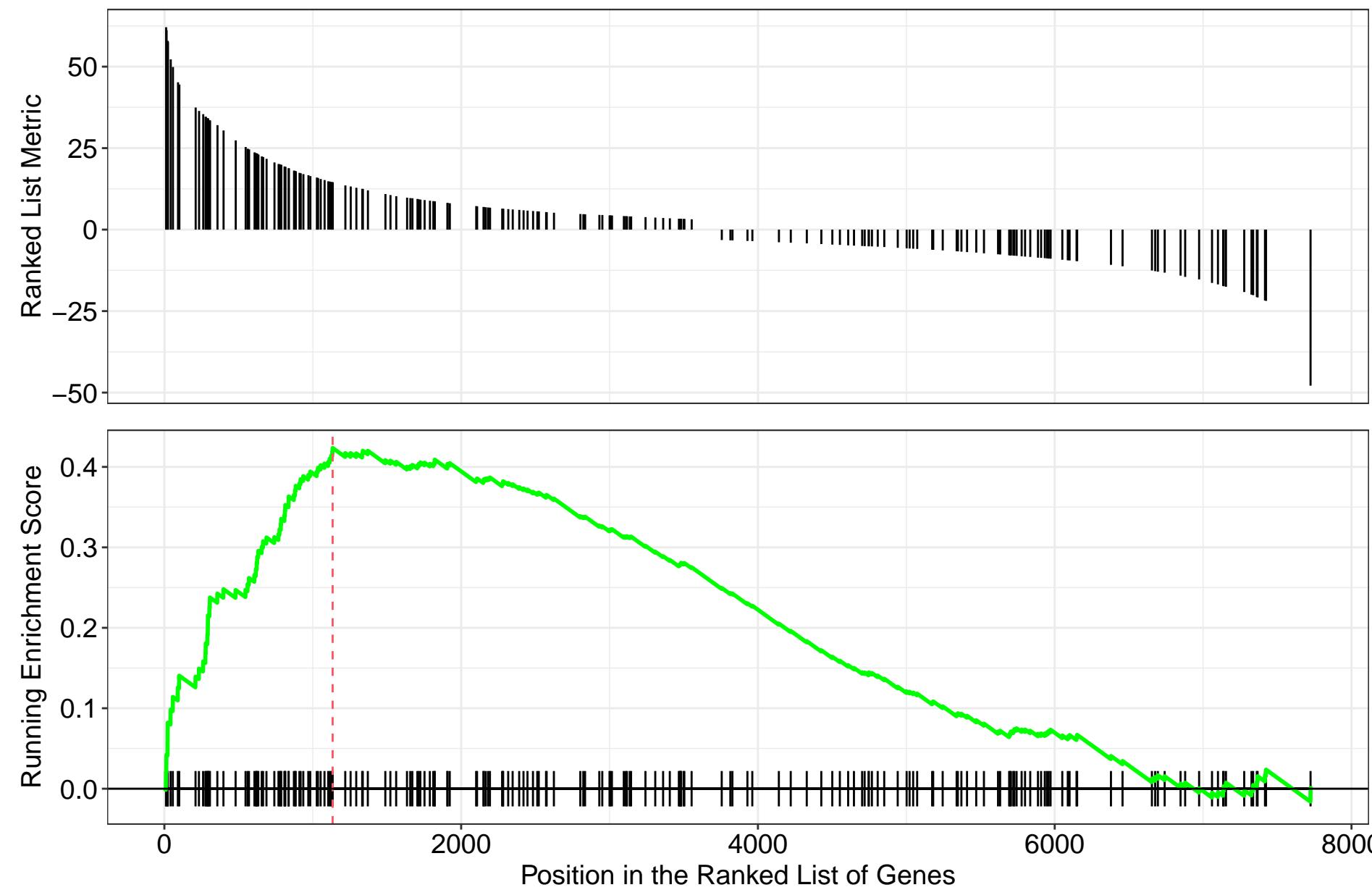
# negative regulation of chromosome separation



# negative regulation of mitotic sister chromatid separation

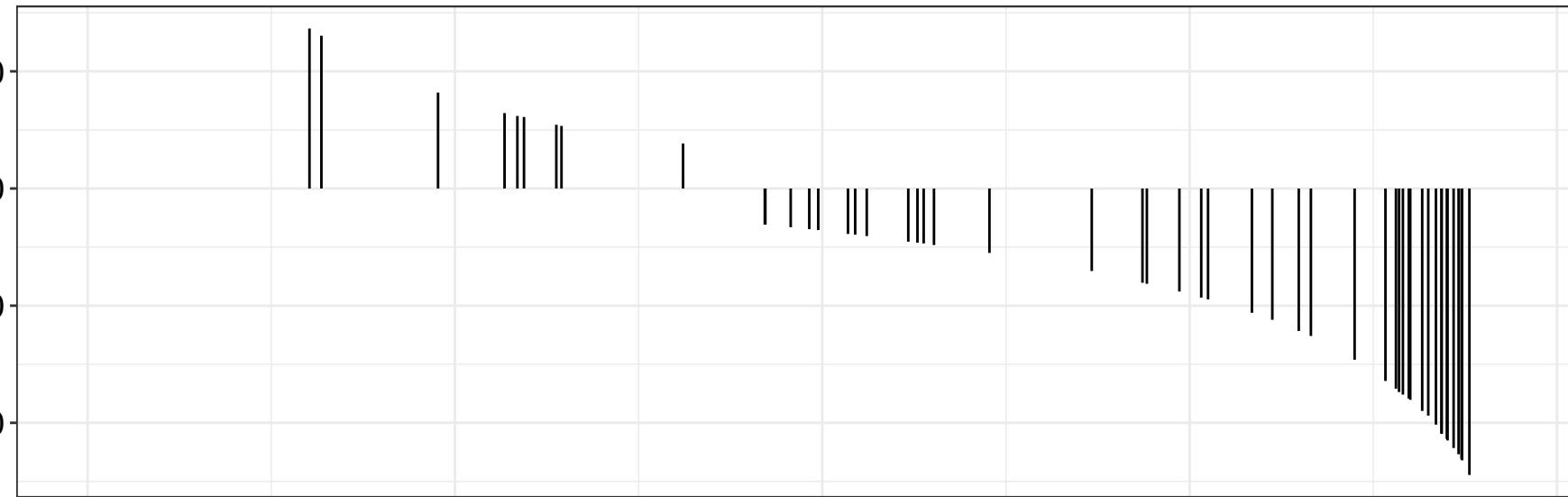


# regulation of hemopoiesis

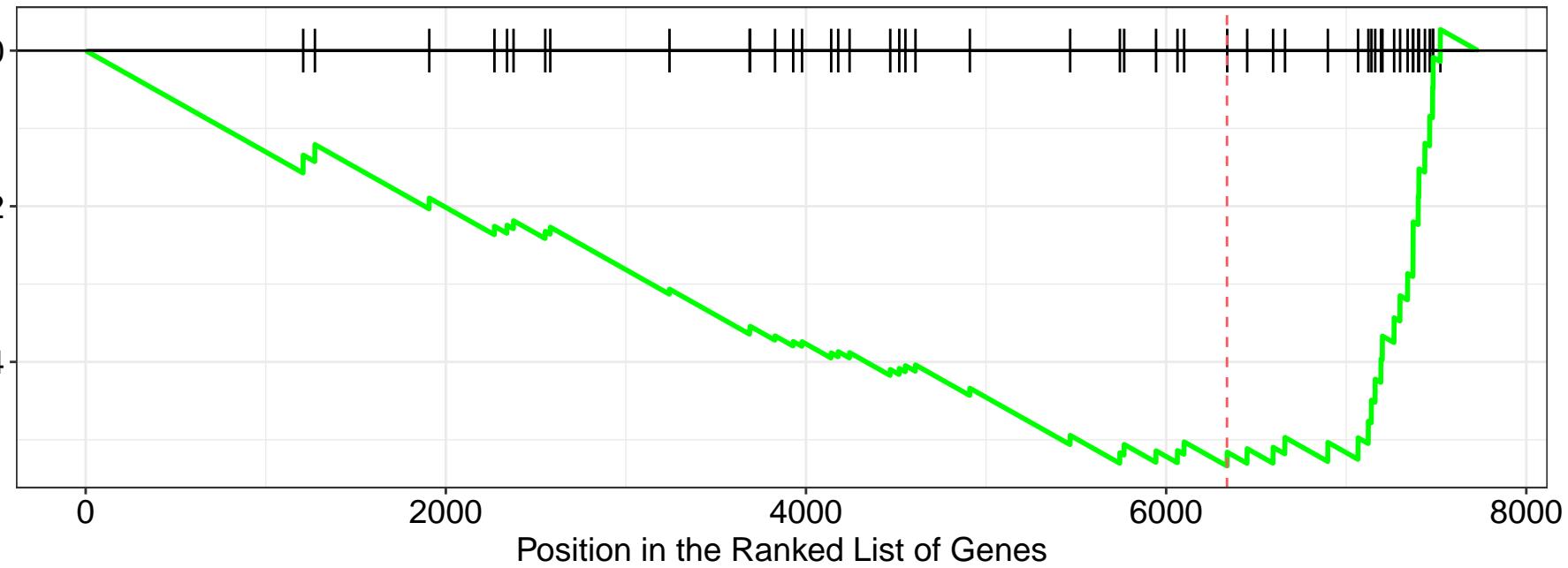


# regulation of sister chromatid segregation

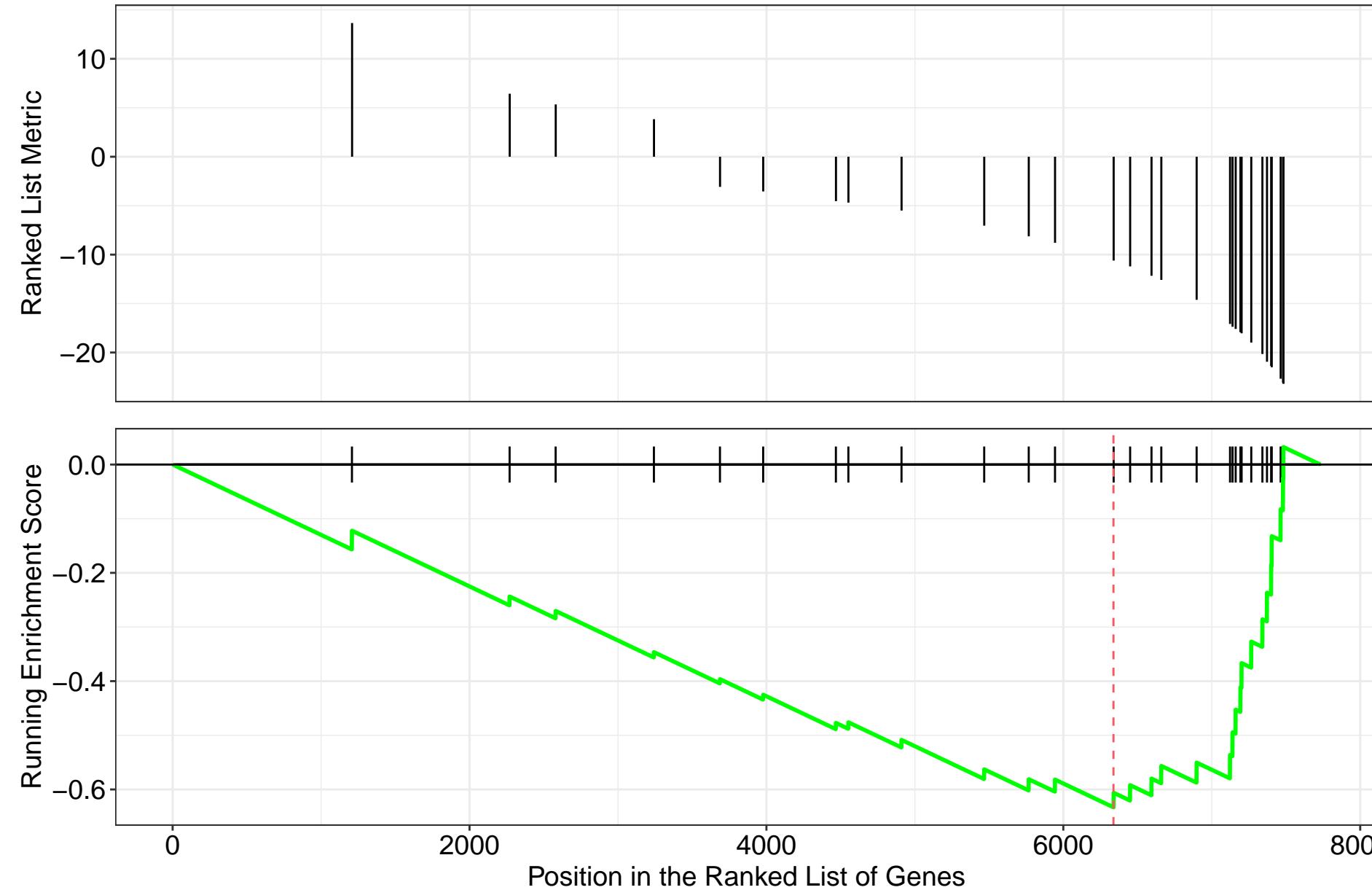
Ranked List Metric



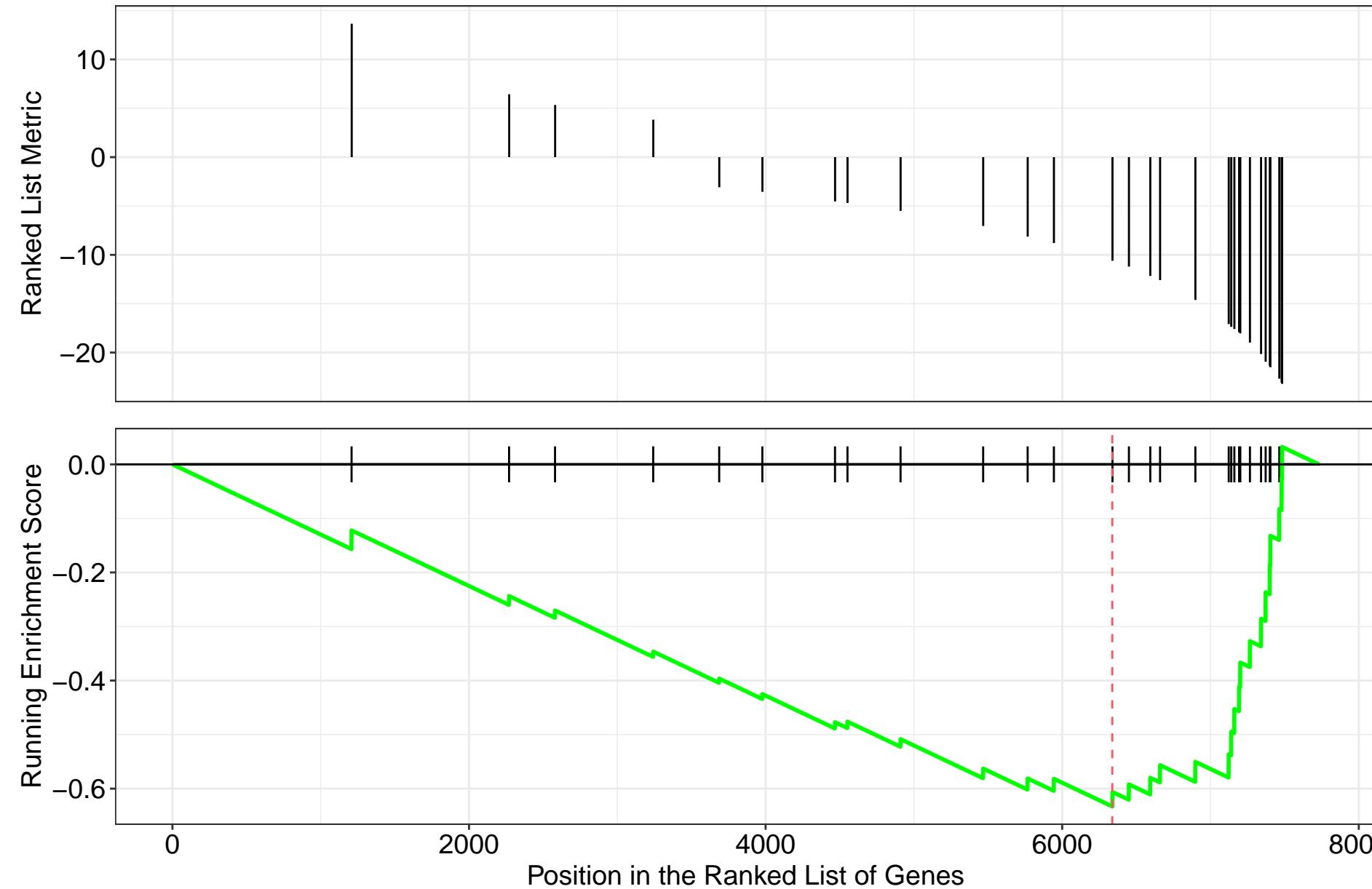
Running Enrichment Score



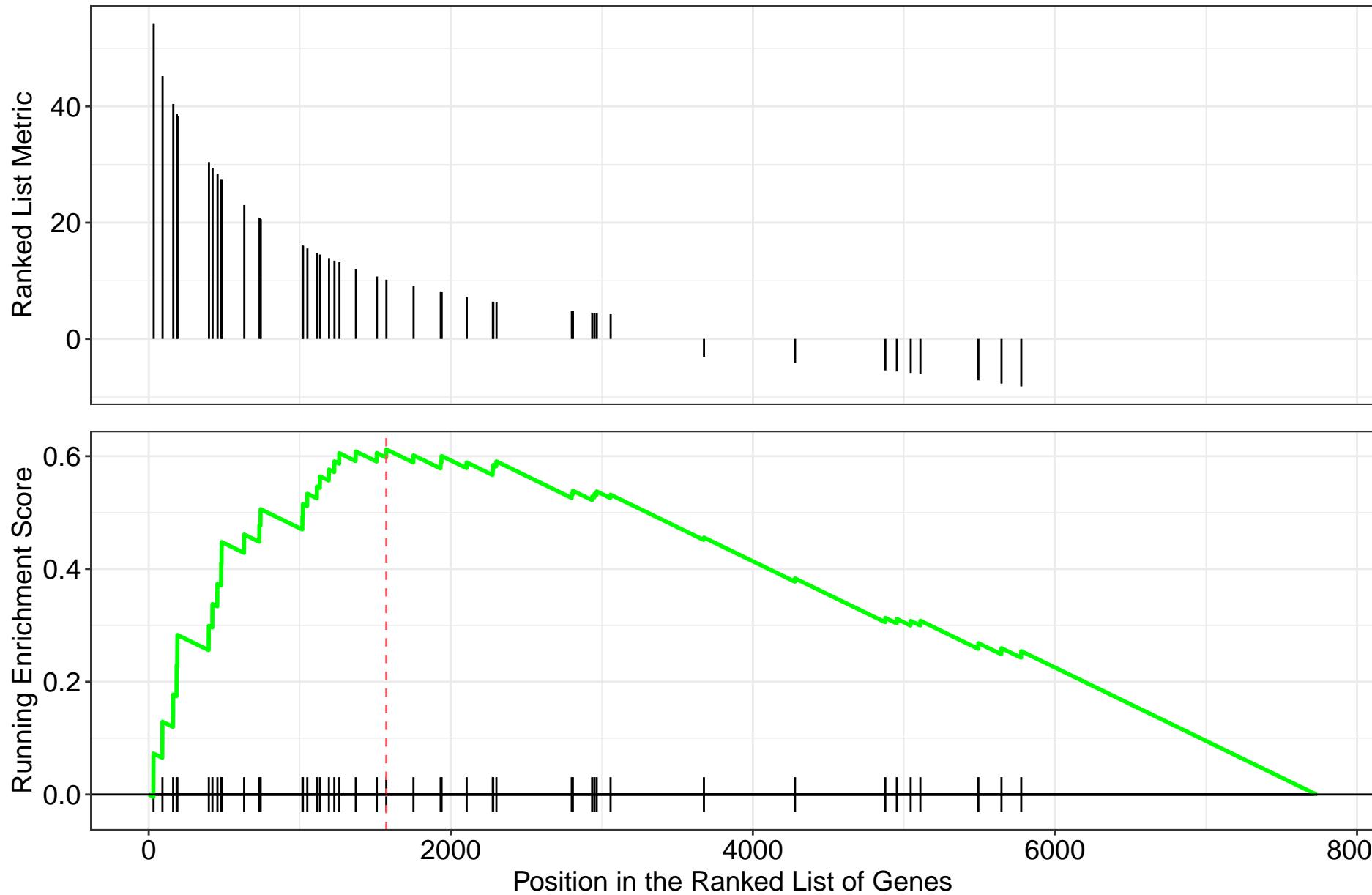
# mitotic spindle assembly checkpoint signaling



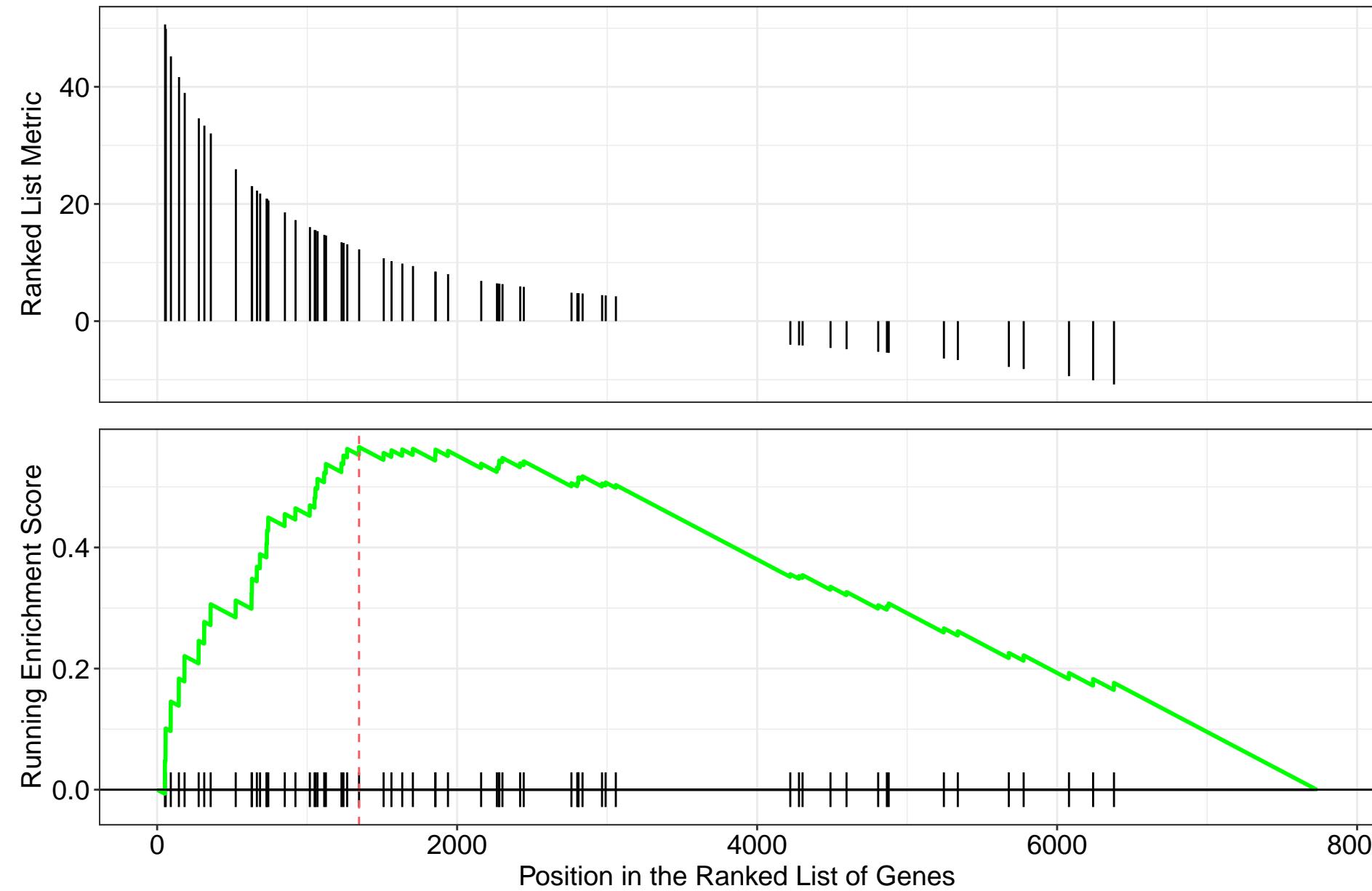
# spindle assembly checkpoint signaling



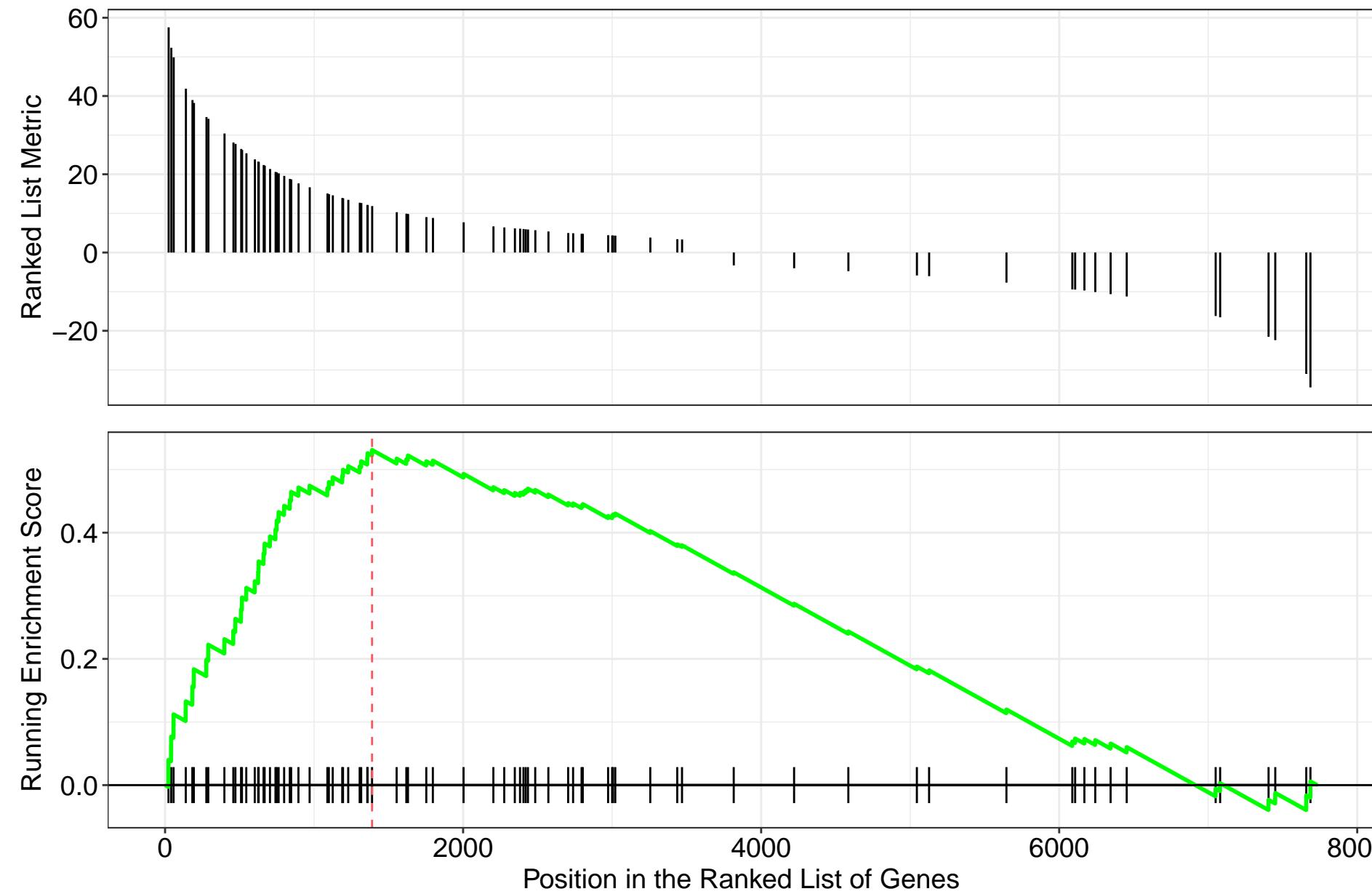
# positive regulation of cytokine production involved in immune response



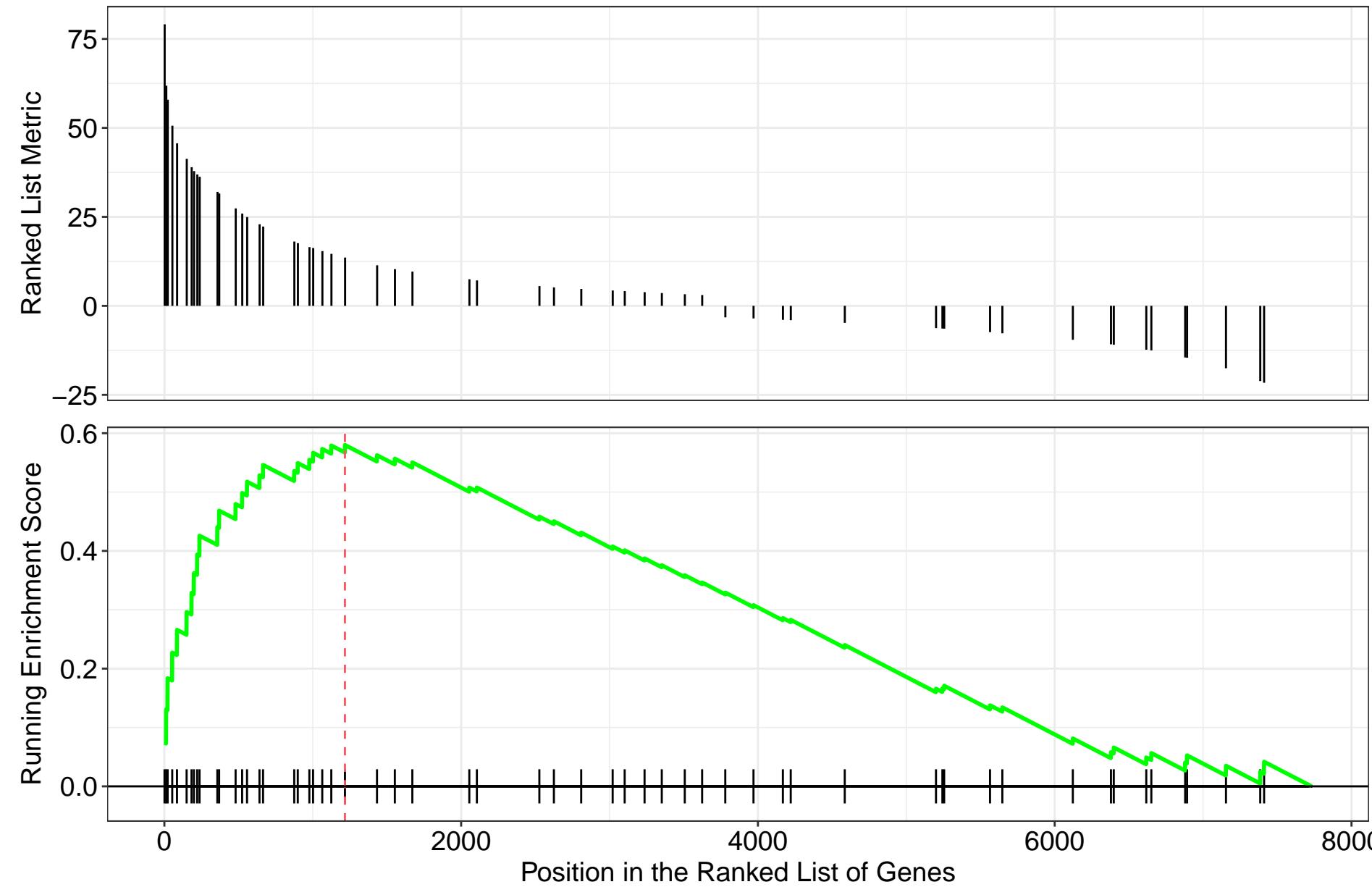
# positive regulation of tumor necrosis factor production



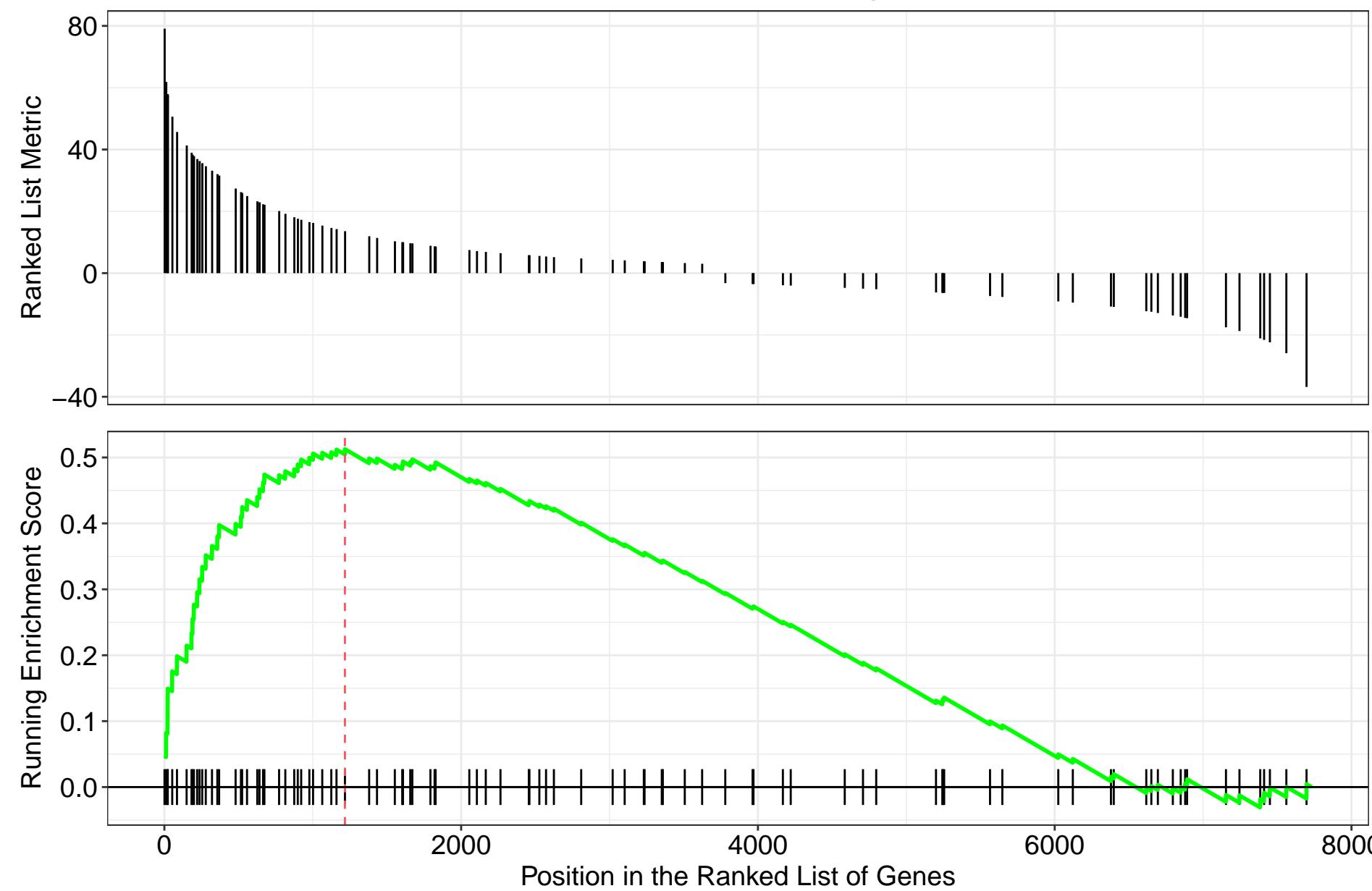
# leukocyte mediated cytotoxicity



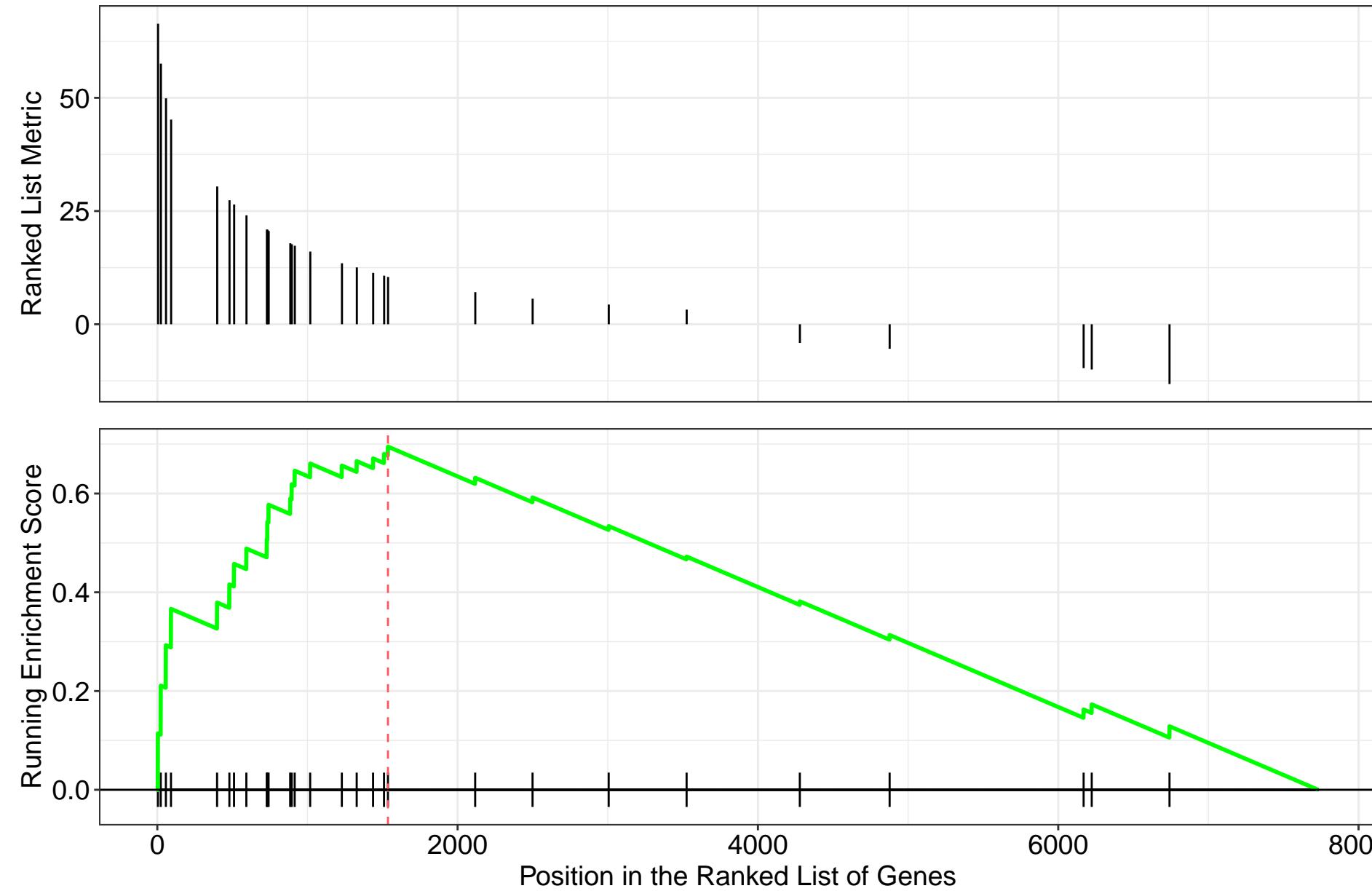
# lymphocyte migration



# mononuclear cell migration

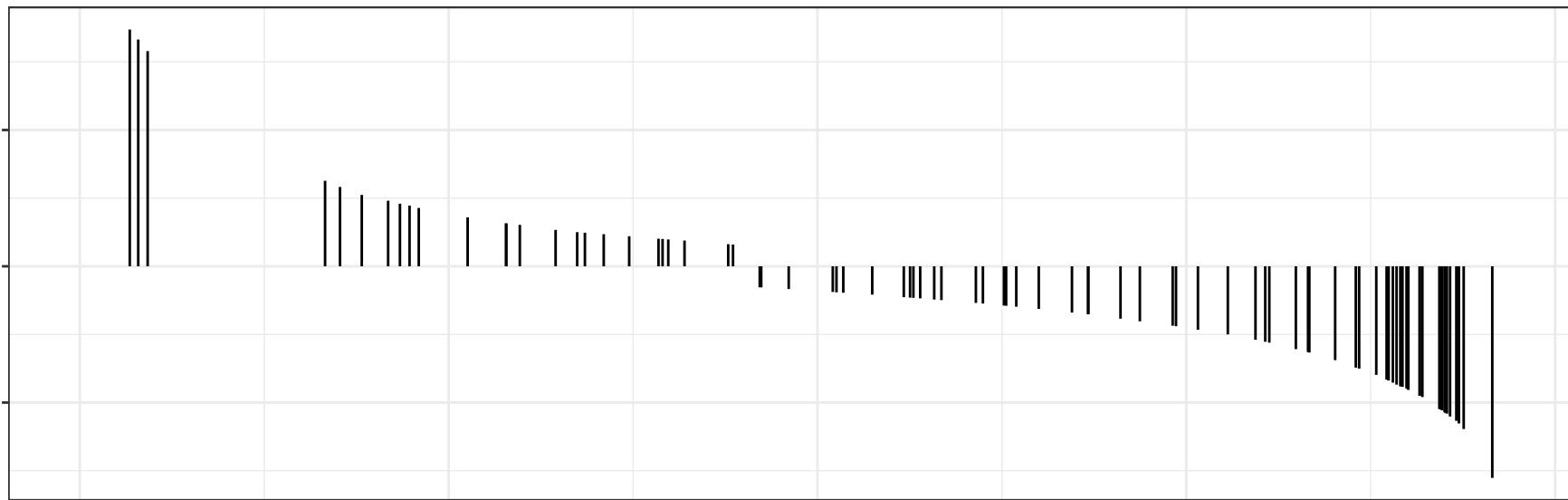


# interleukin–17 production

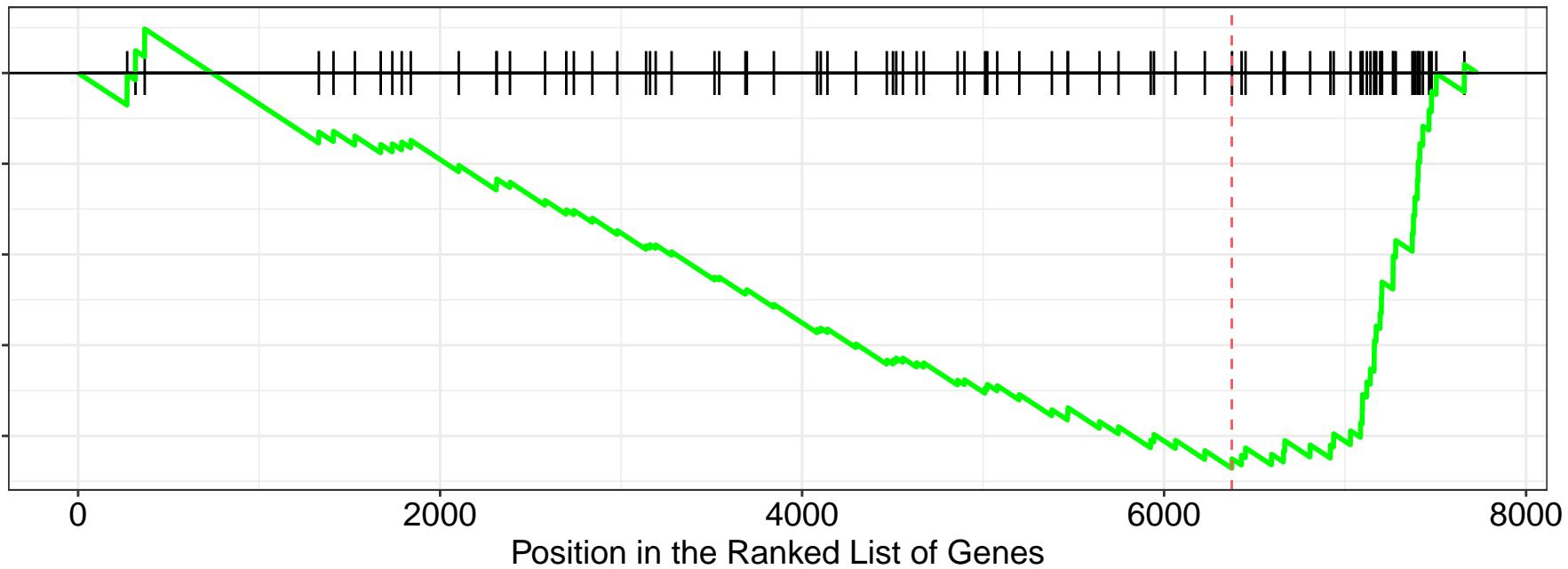


# microtubule cytoskeleton organization involved in mitosis

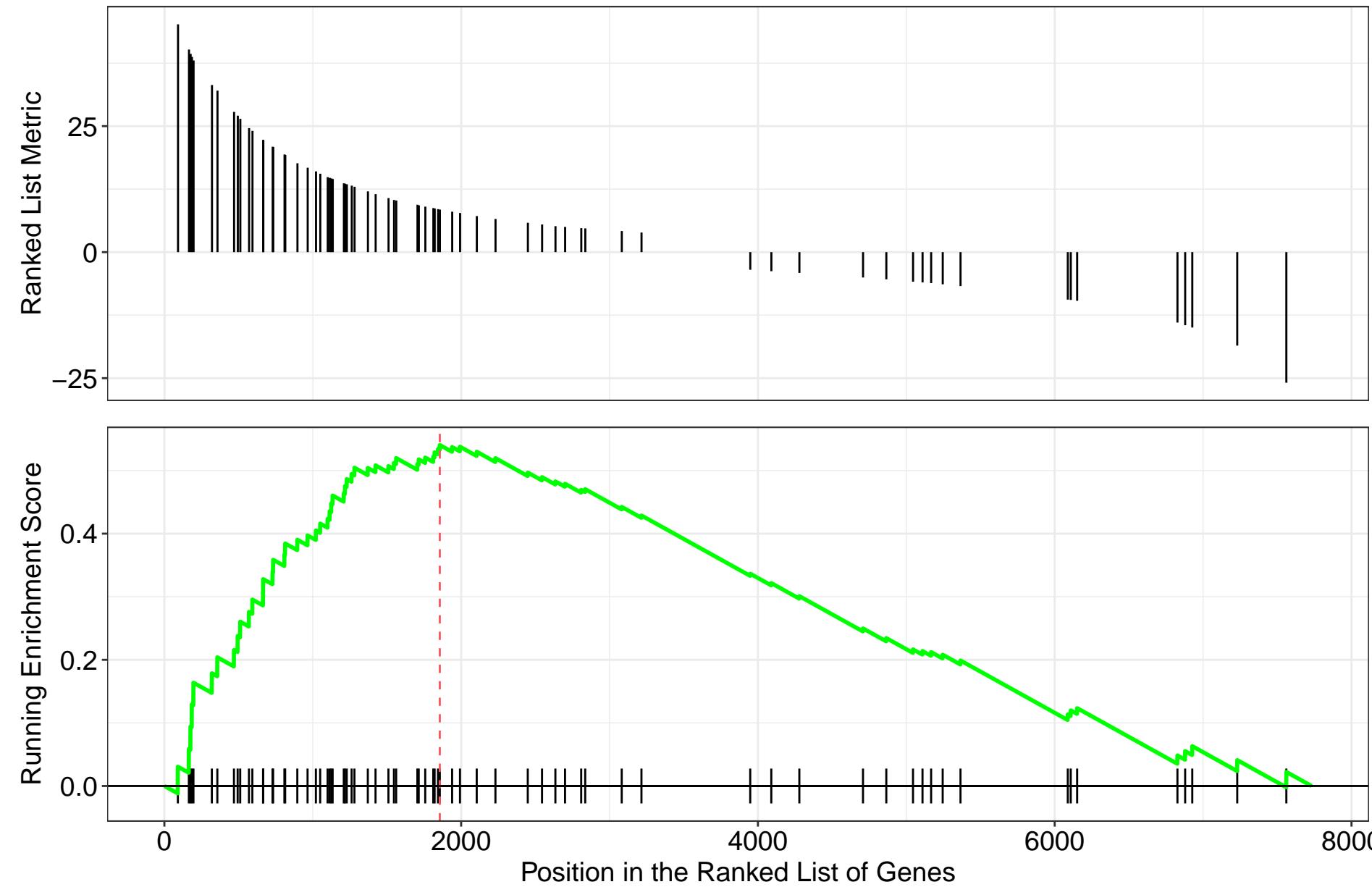
Ranked List Metric



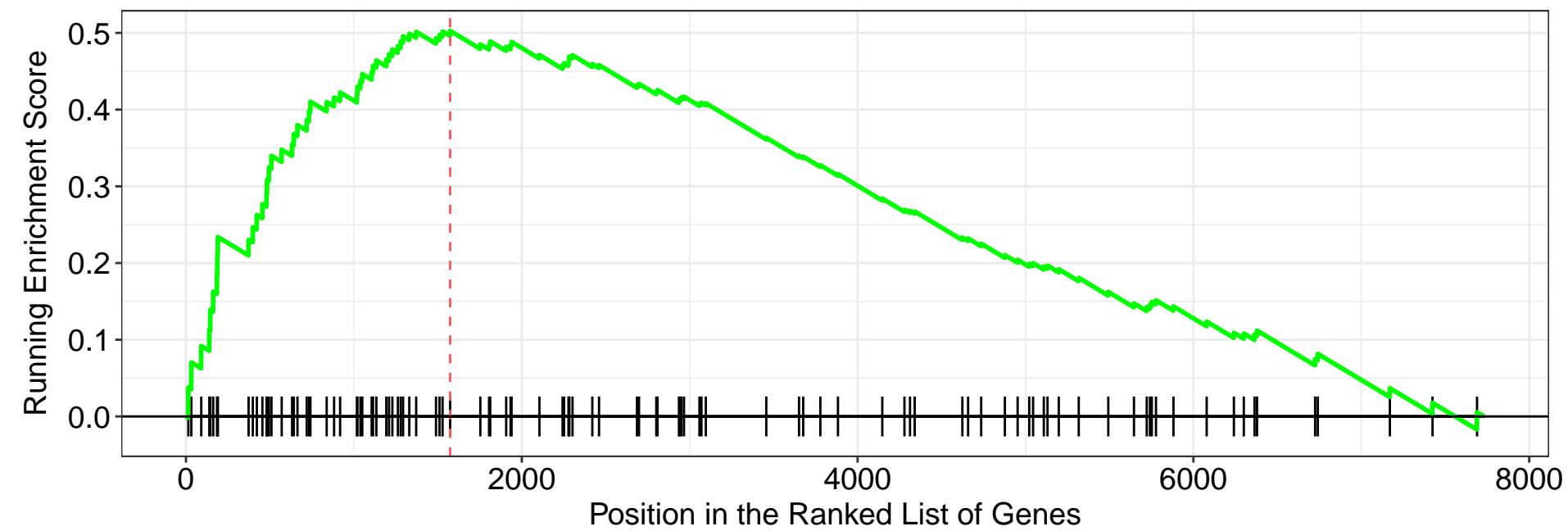
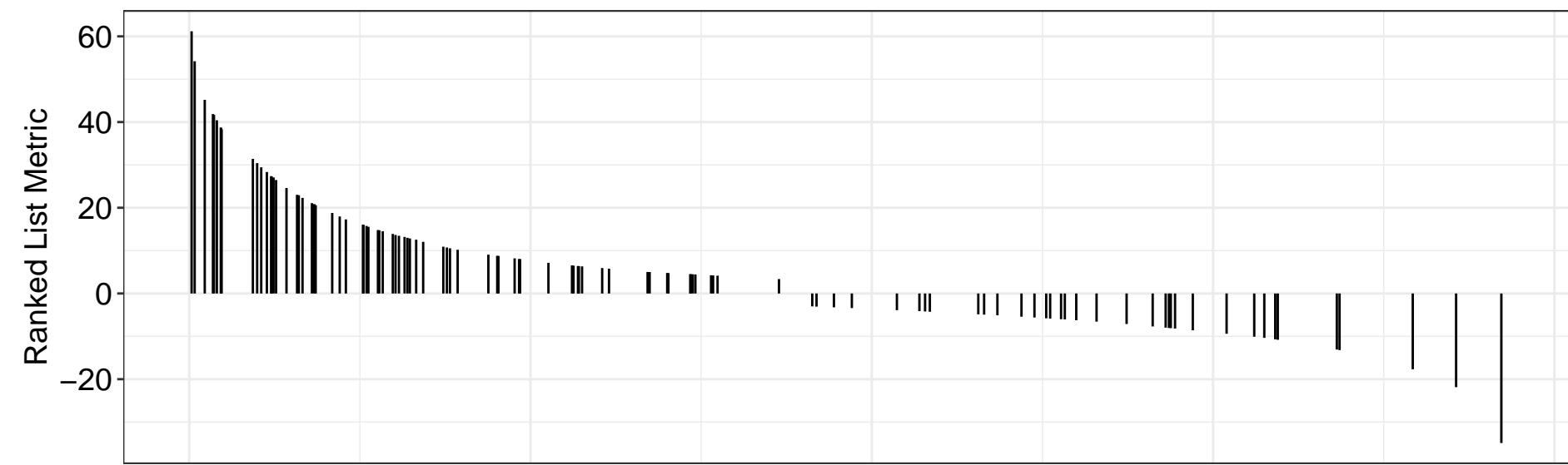
Running Enrichment Score



# regulation of interleukin–1 production

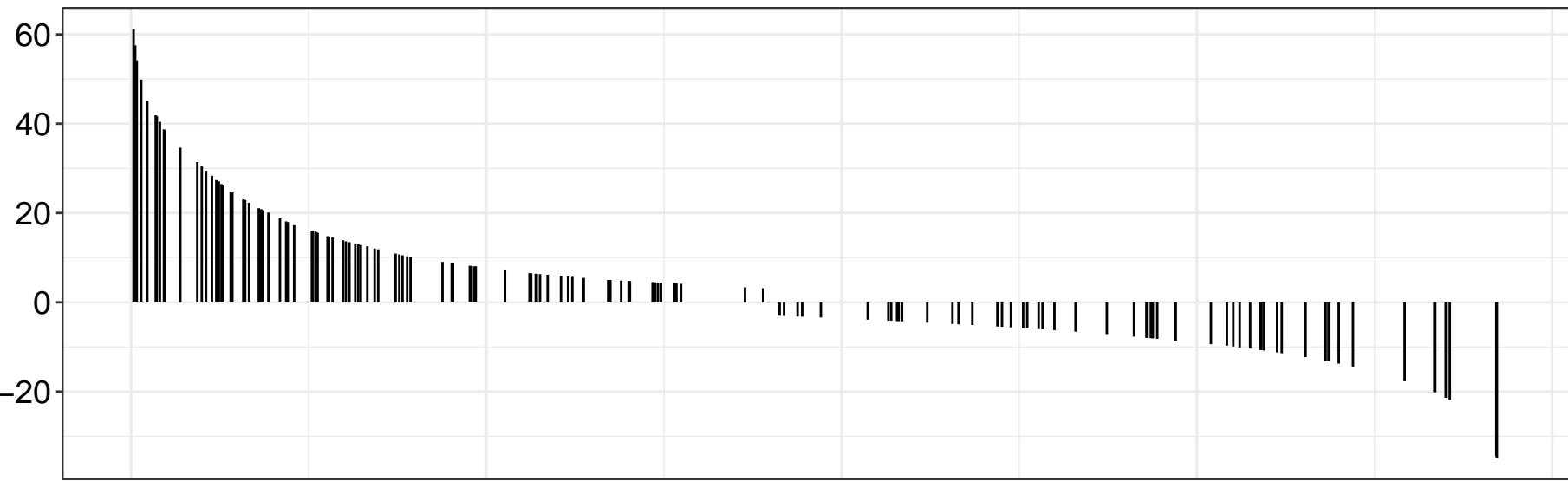


# regulation of production of molecular mediator of immune response



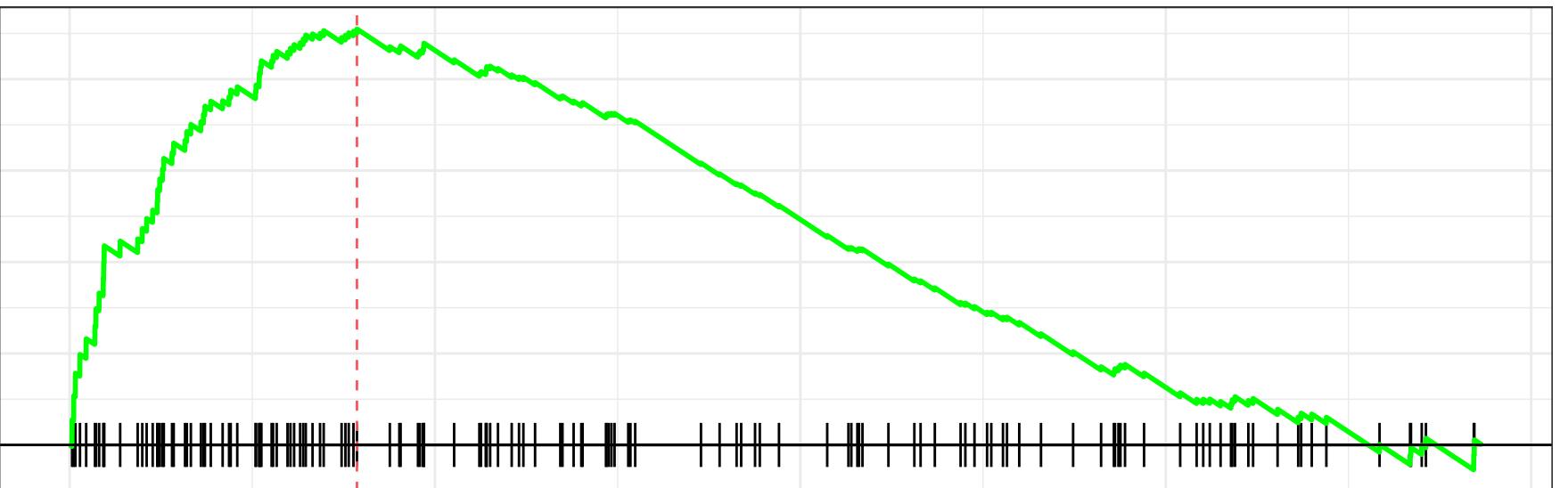
# production of molecular mediator of immune response

Ranked List Metric

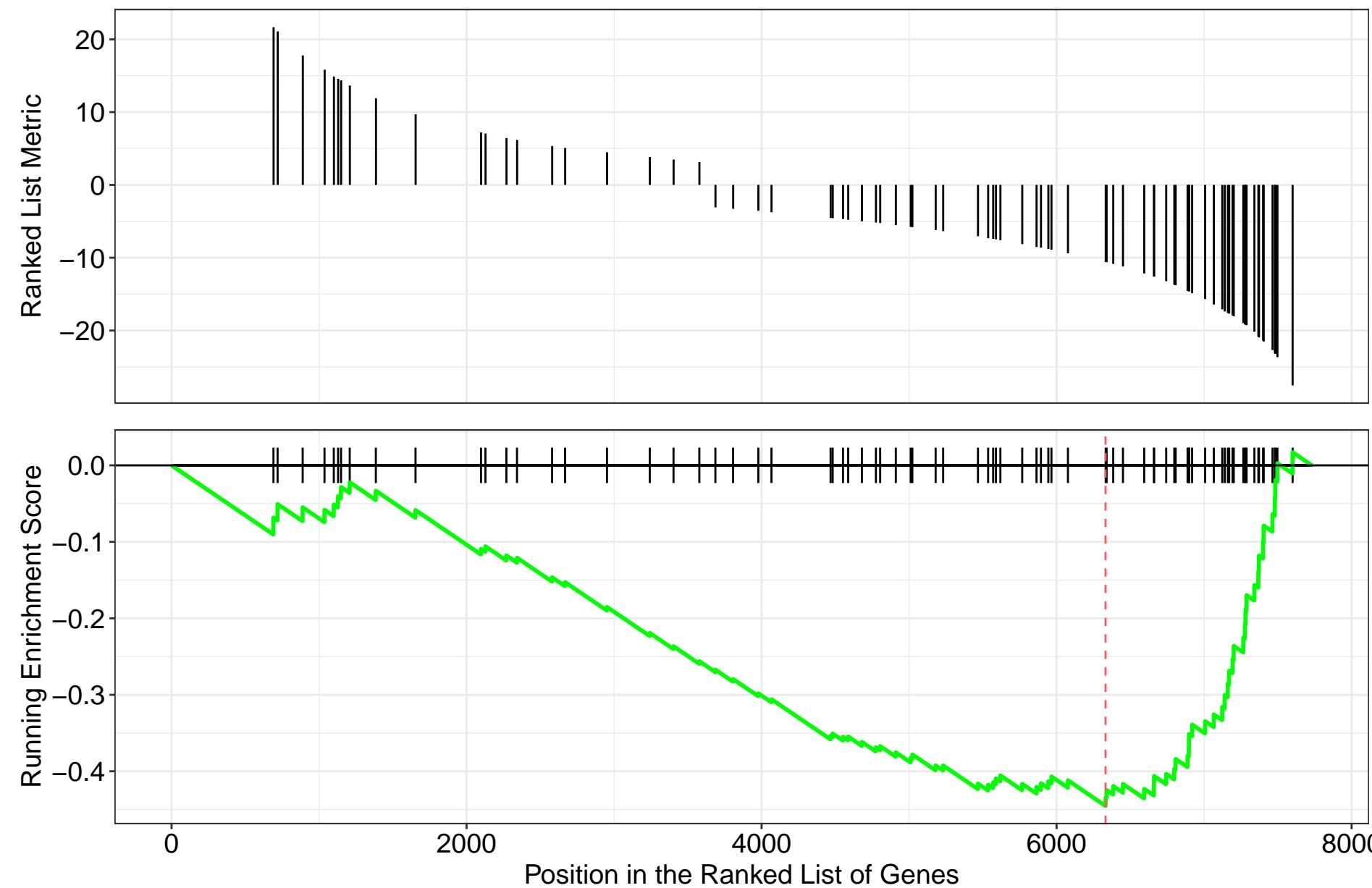


Running Enrichment Score

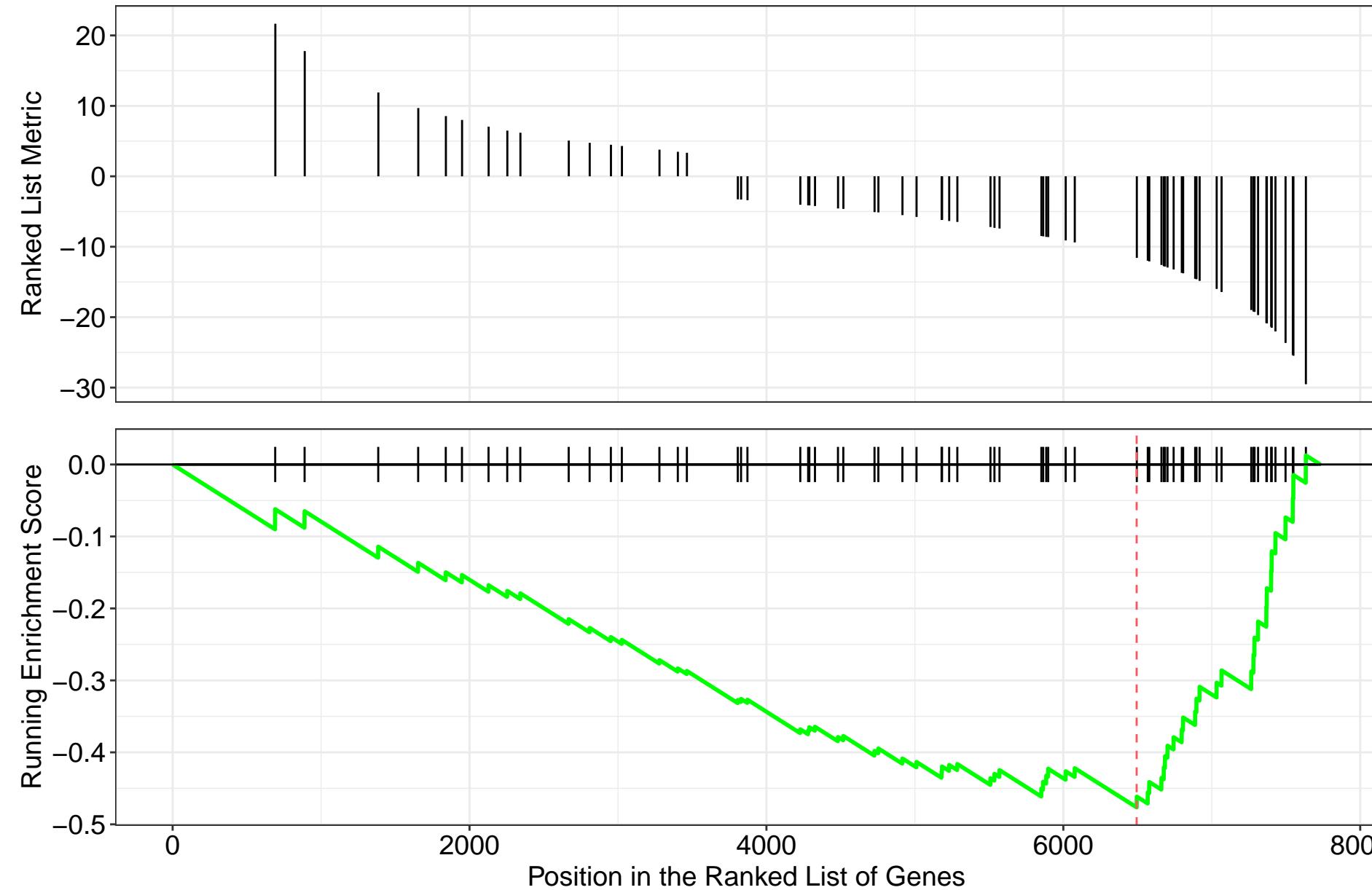
Position in the Ranked List of Genes



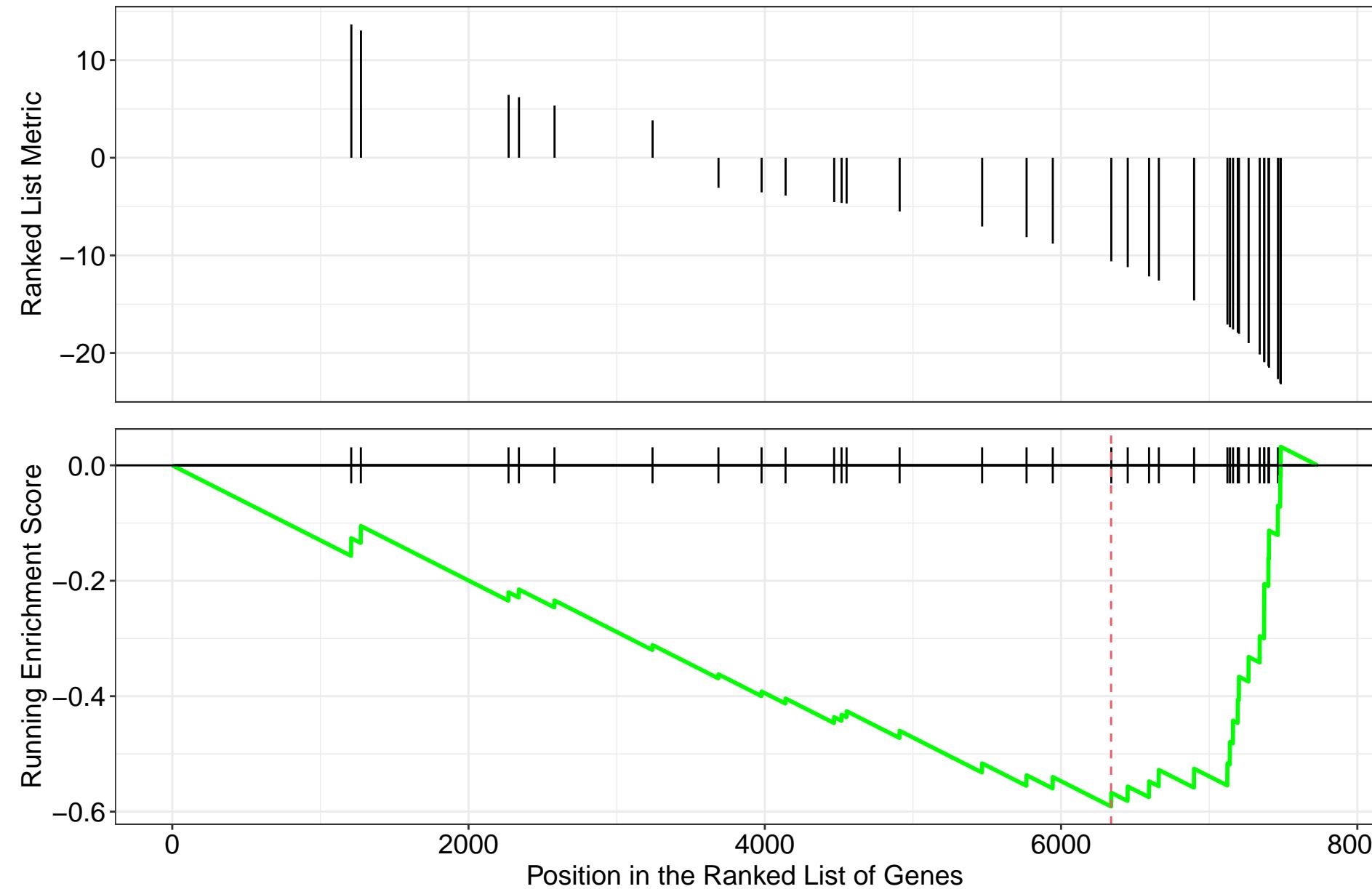
# mitotic cell cycle checkpoint signaling



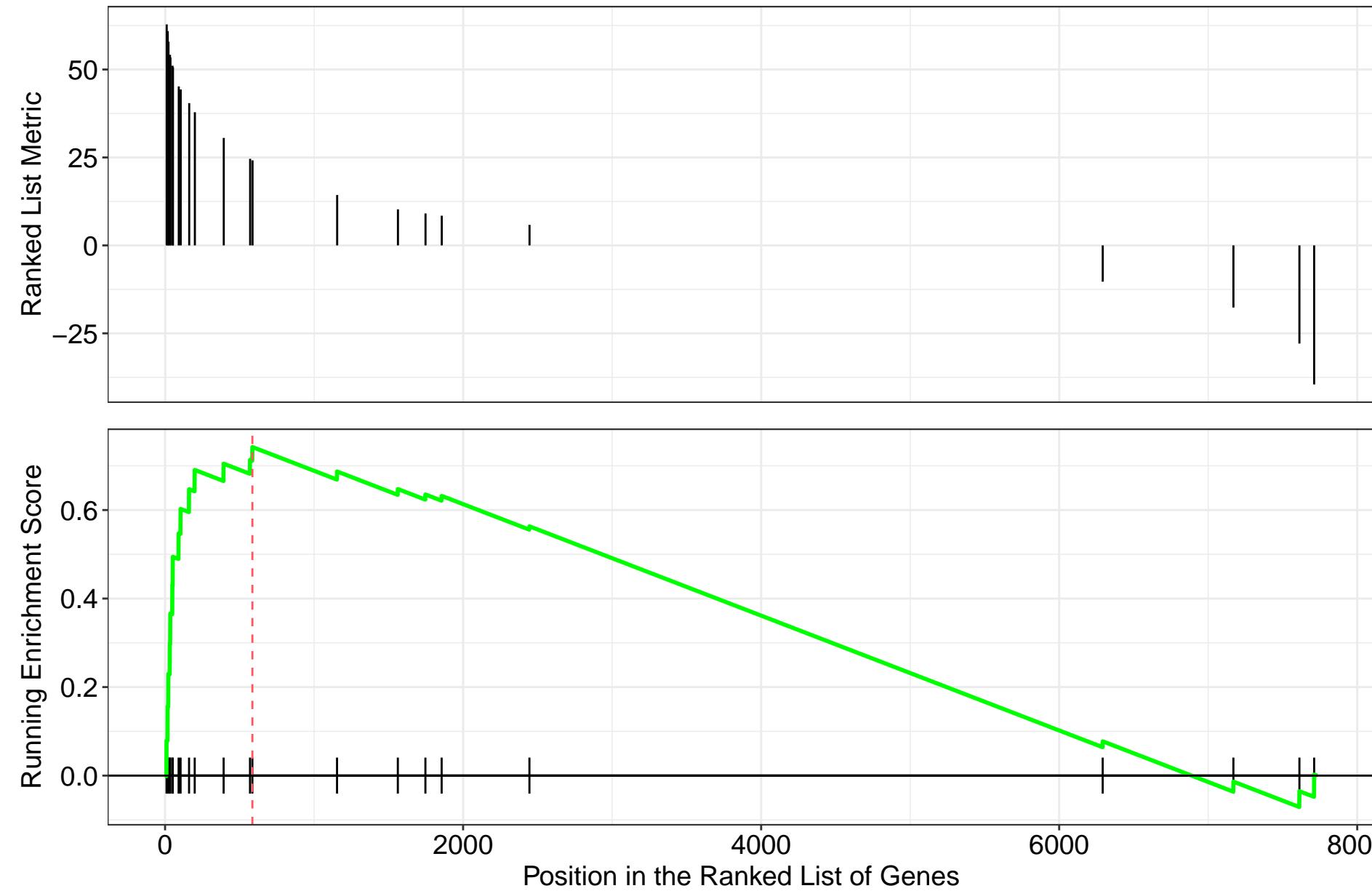
# G2/M transition of mitotic cell cycle



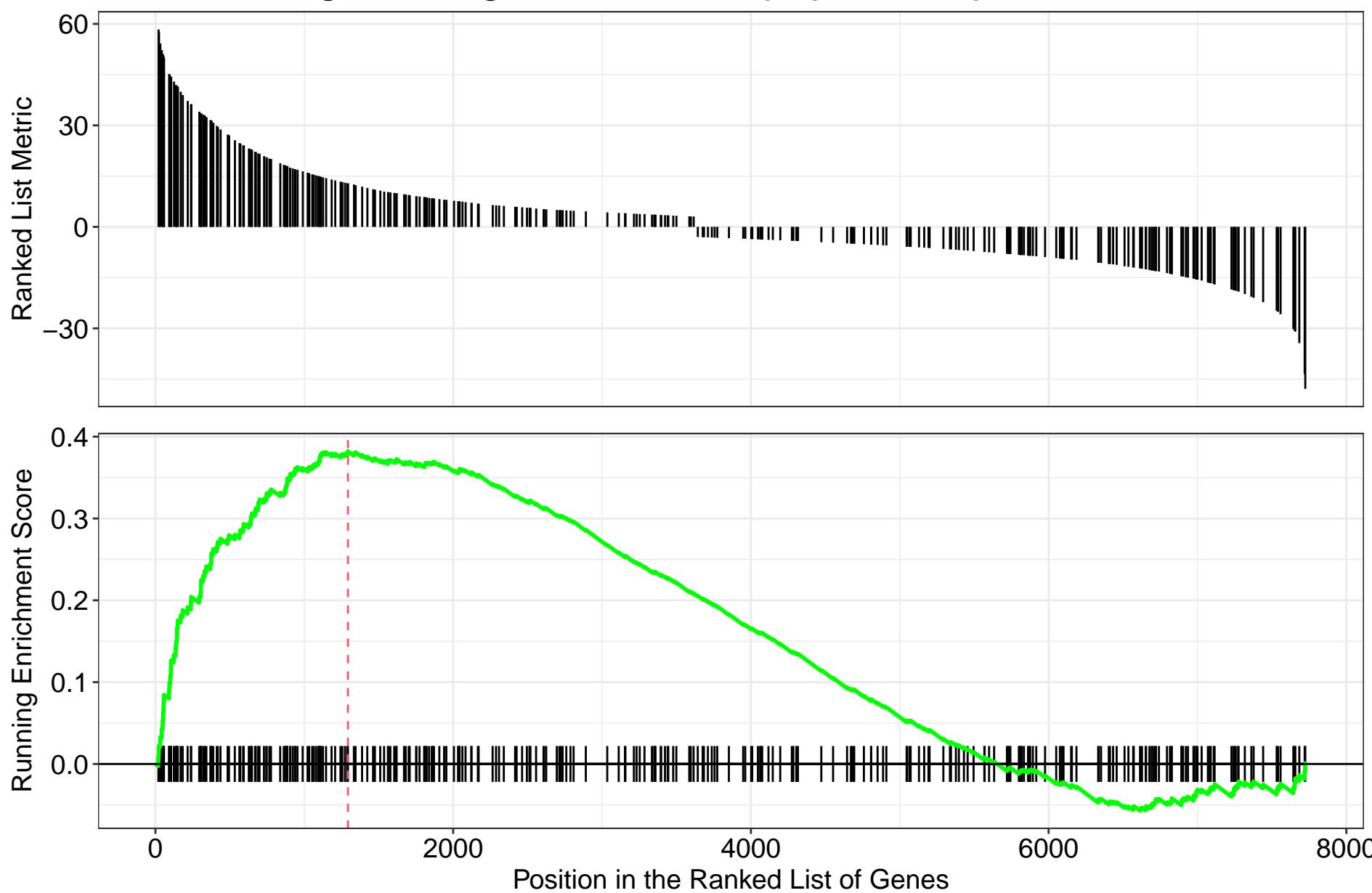
# regulation of mitotic sister chromatid segregation



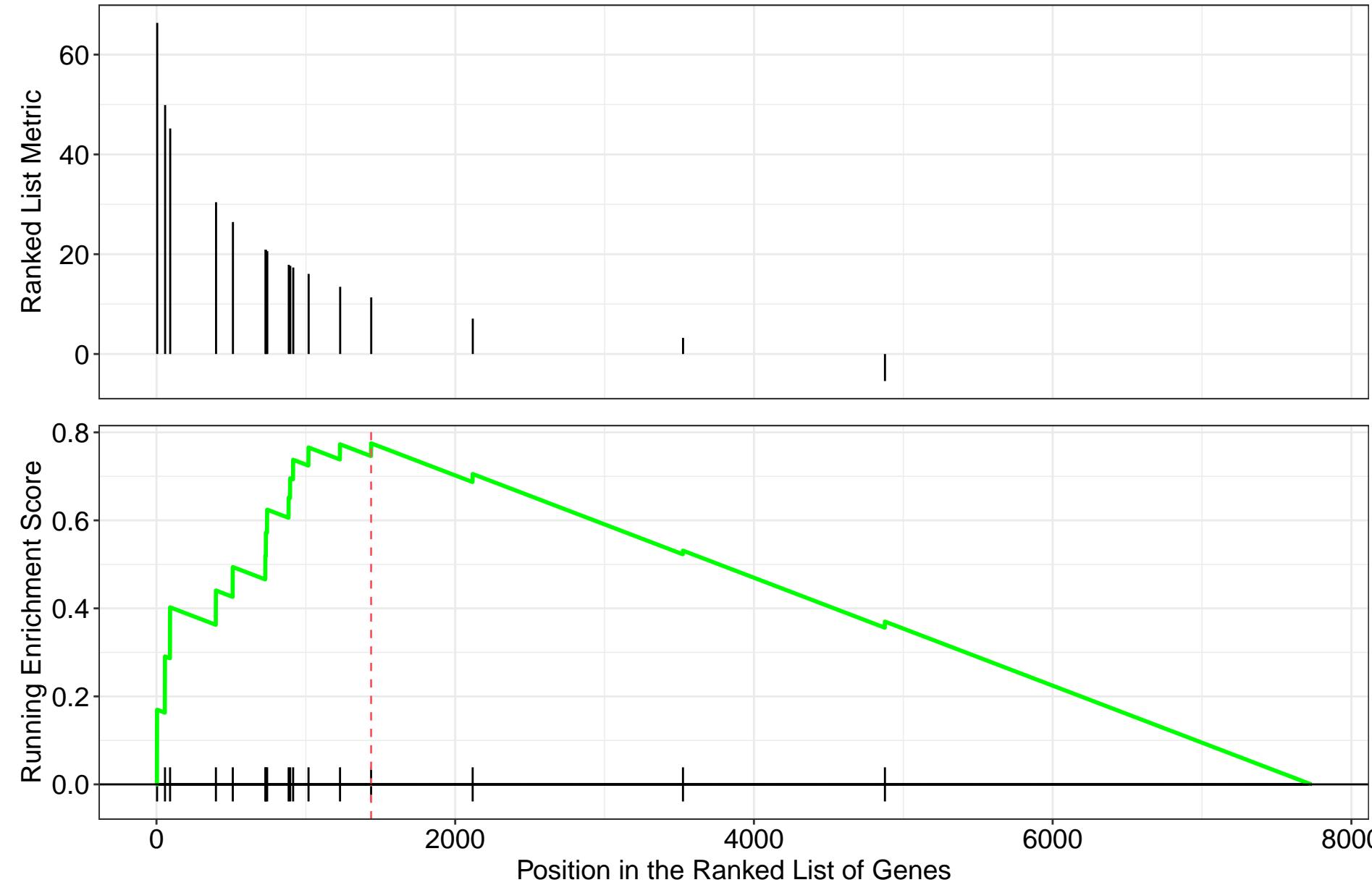
# acute-phase response



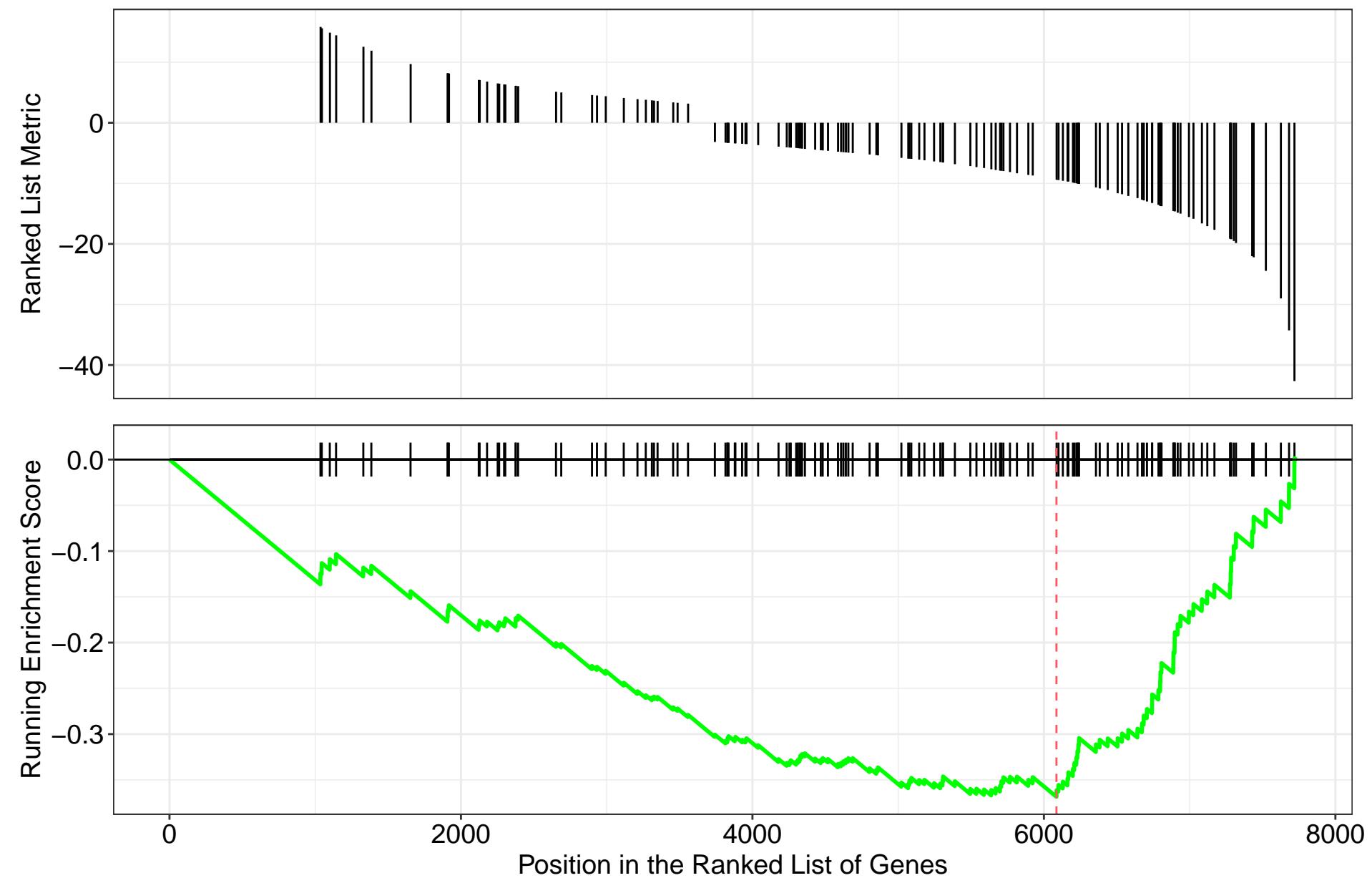
# negative regulation of cell population proliferation



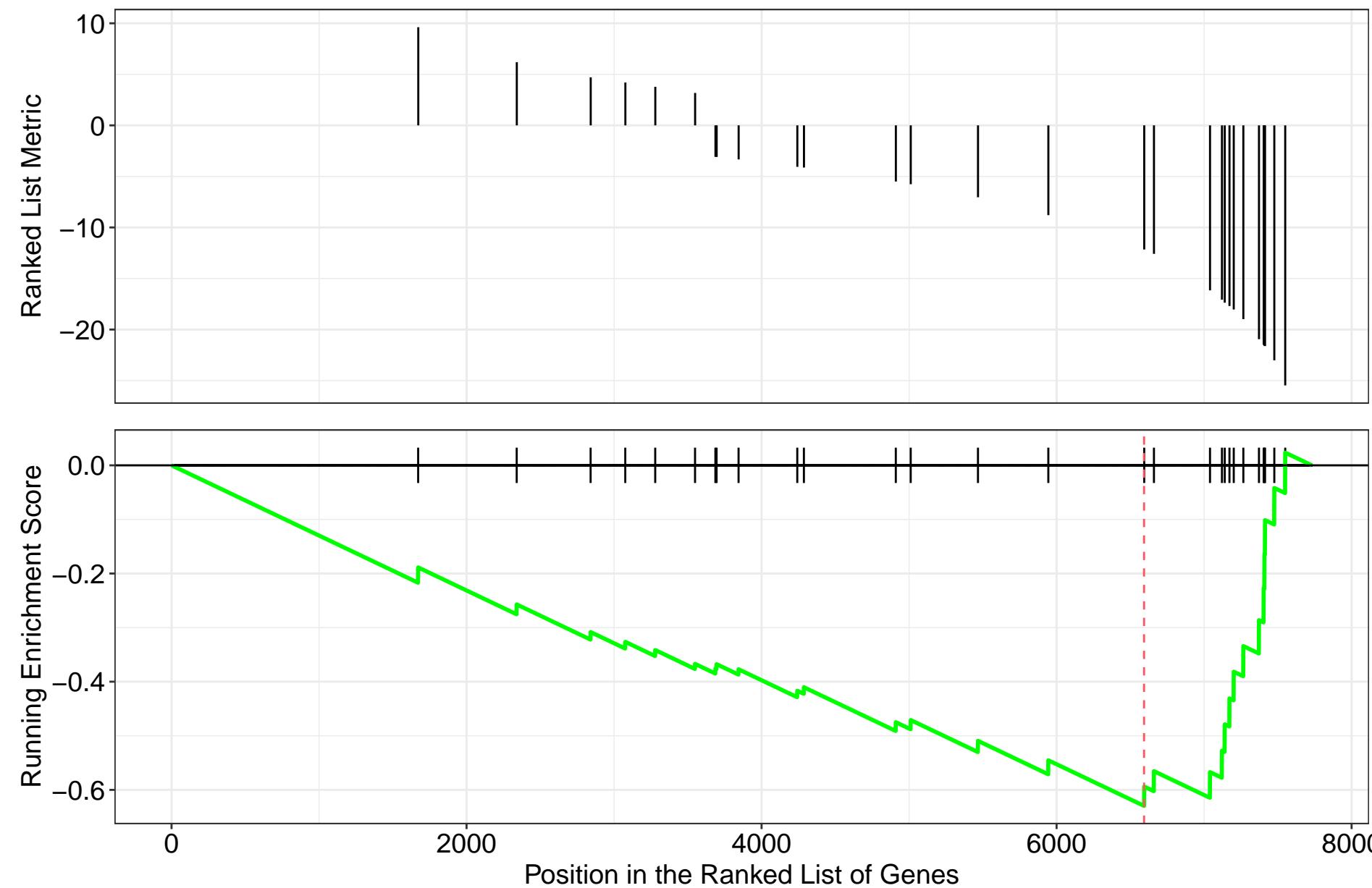
# positive regulation of interleukin–17 production



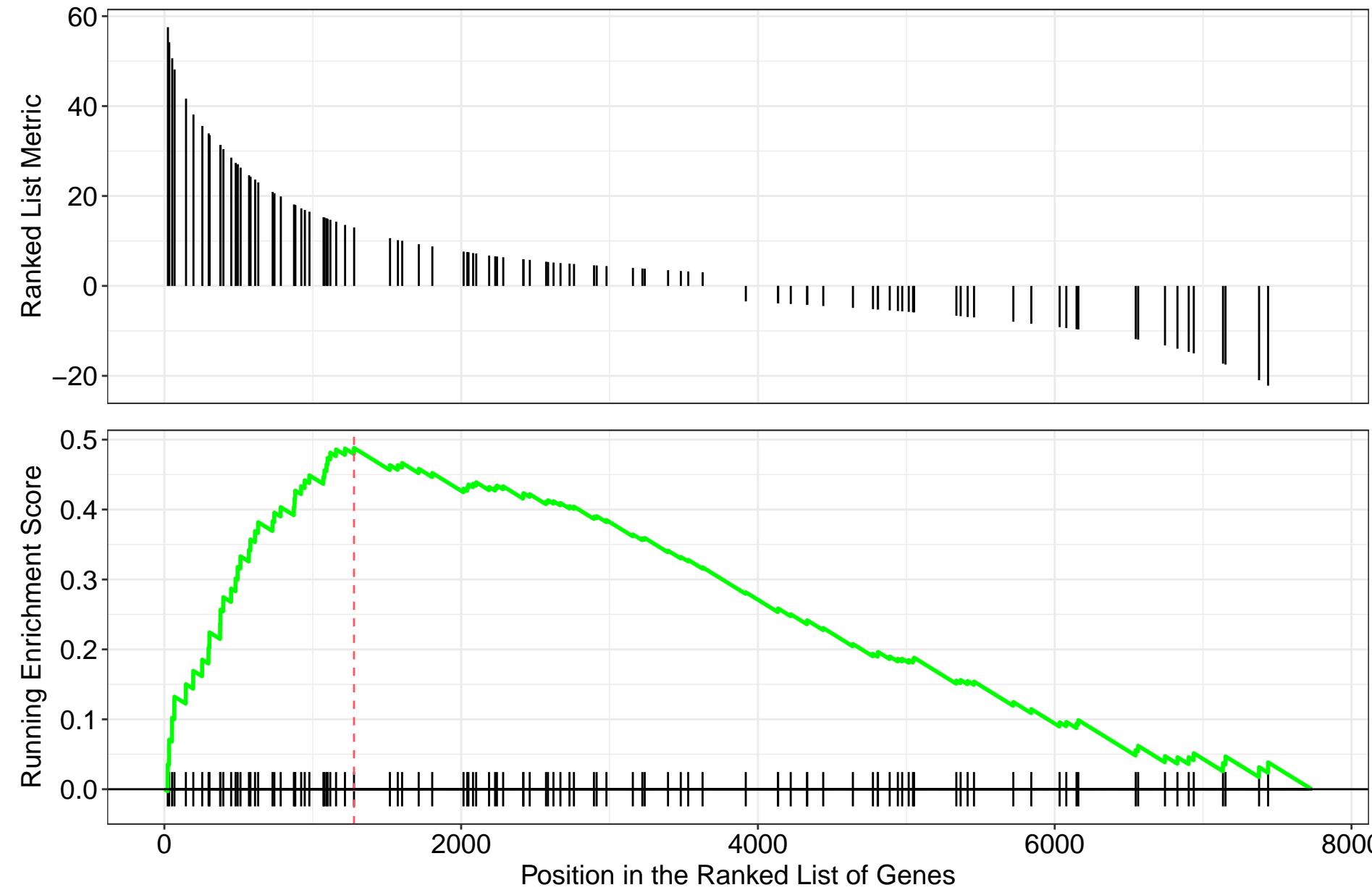
# double-strand break repair



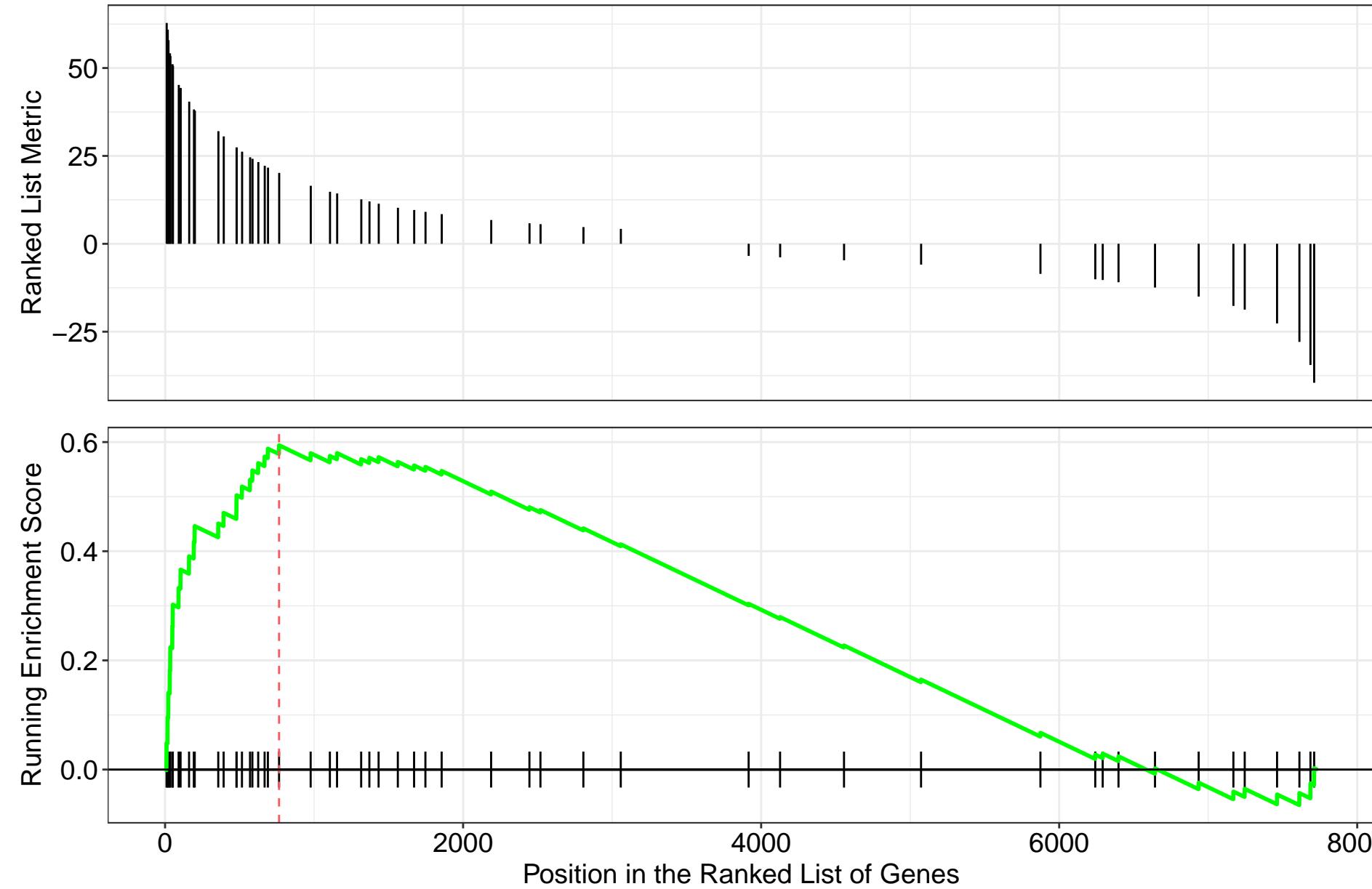
# mitotic metaphase plate congression



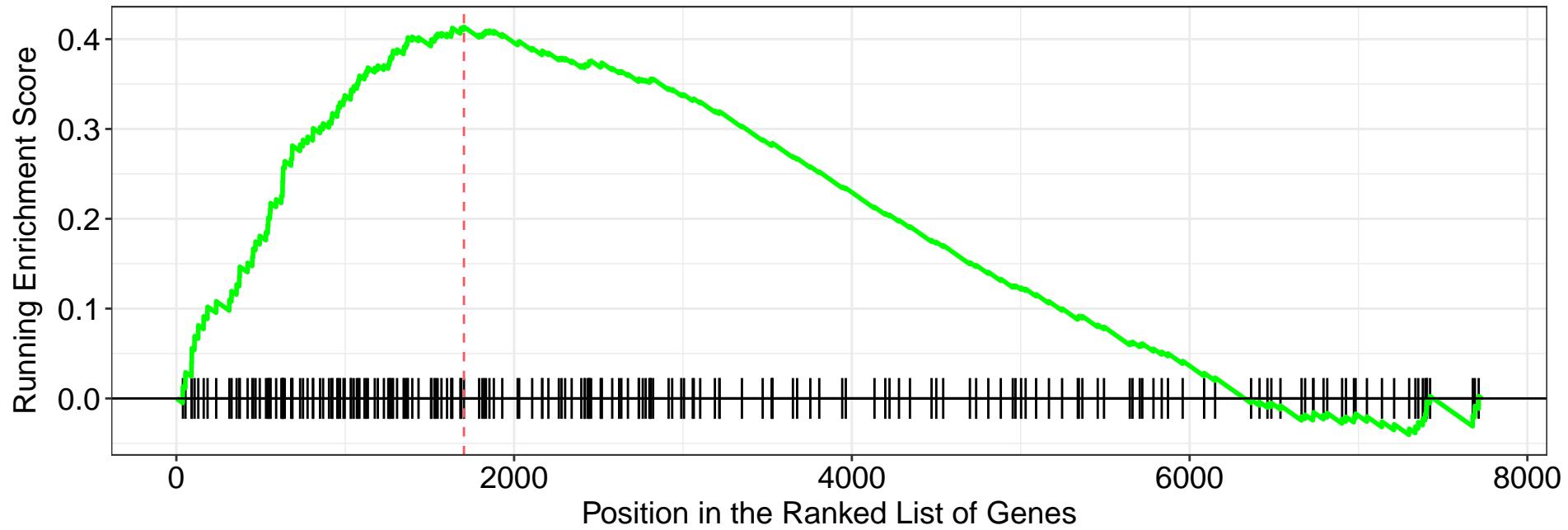
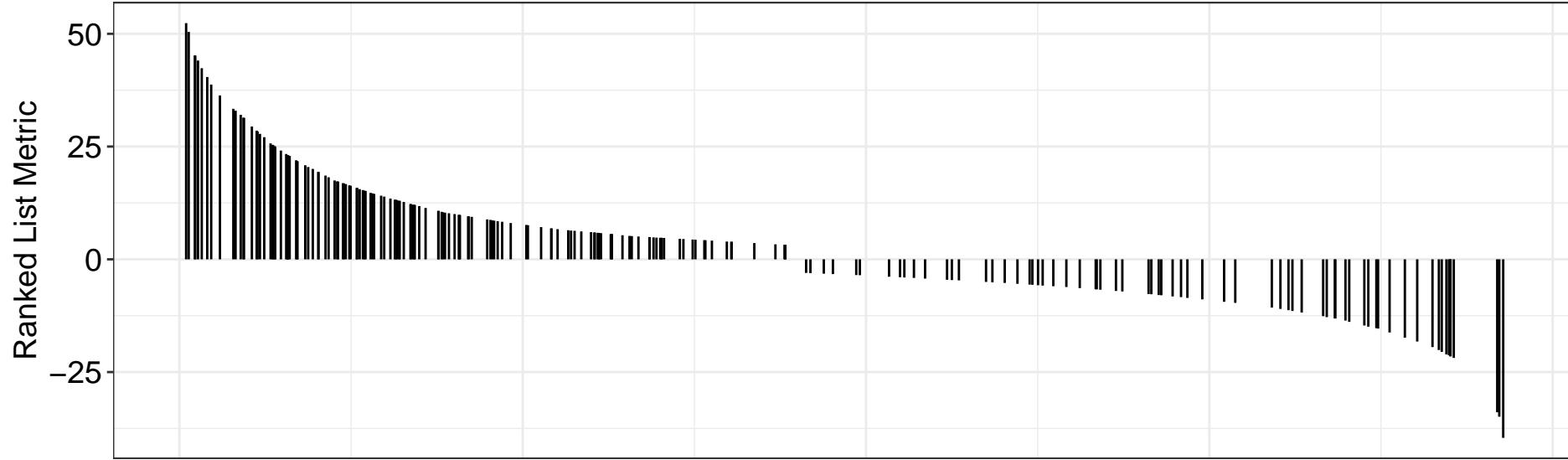
# extrinsic apoptotic signaling pathway



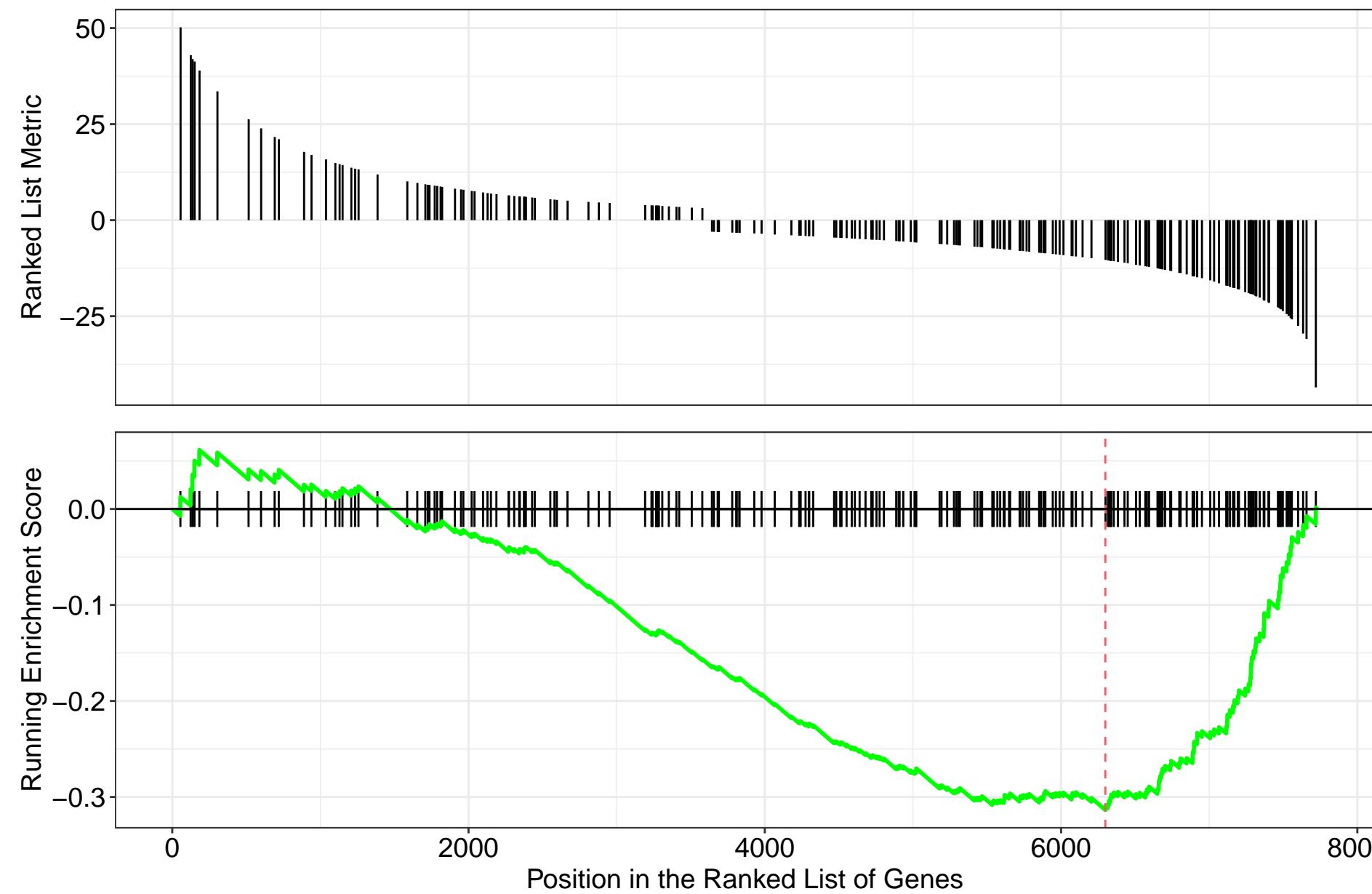
# acute inflammatory response



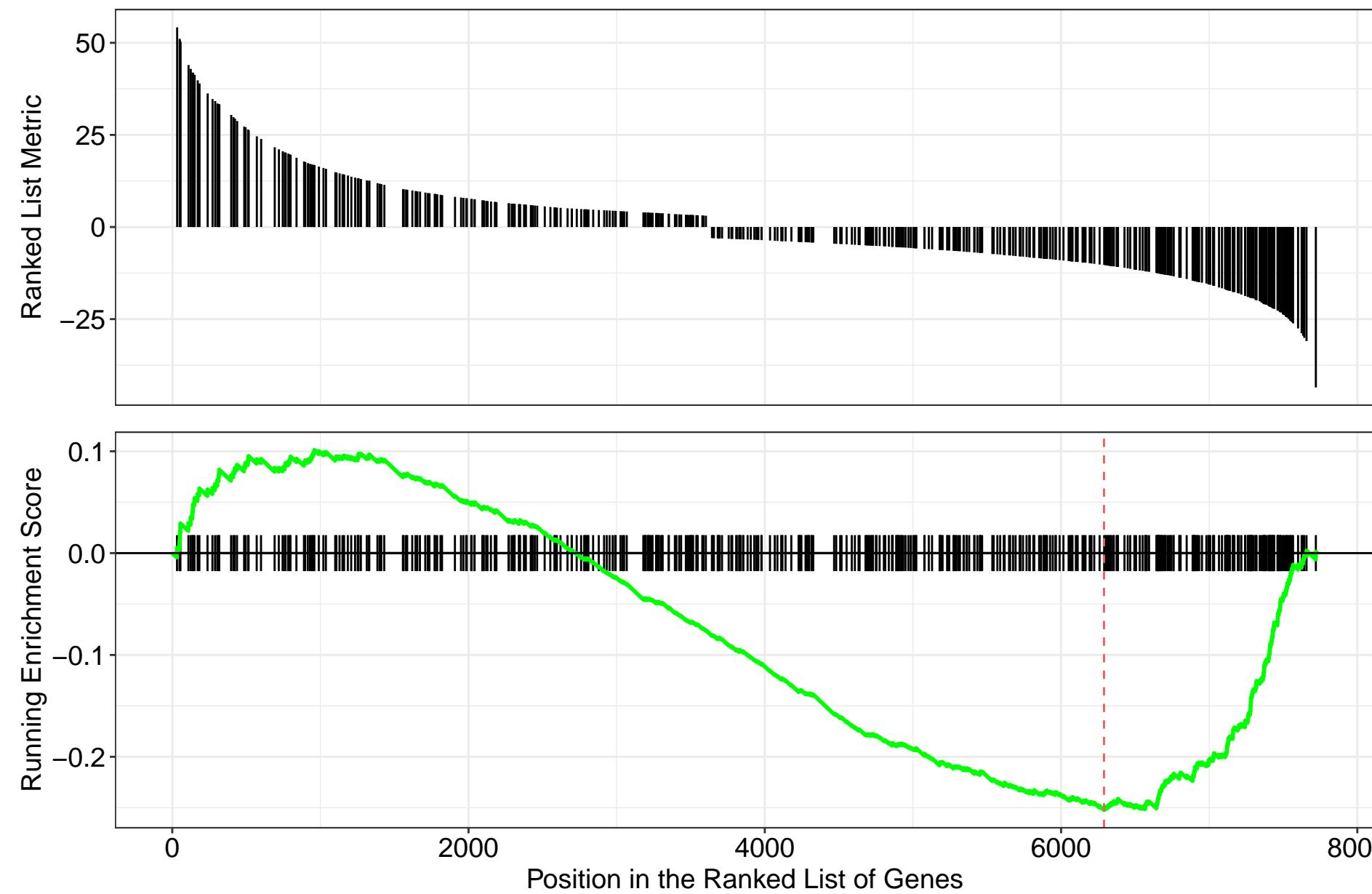
# immune response-regulating signaling pathway



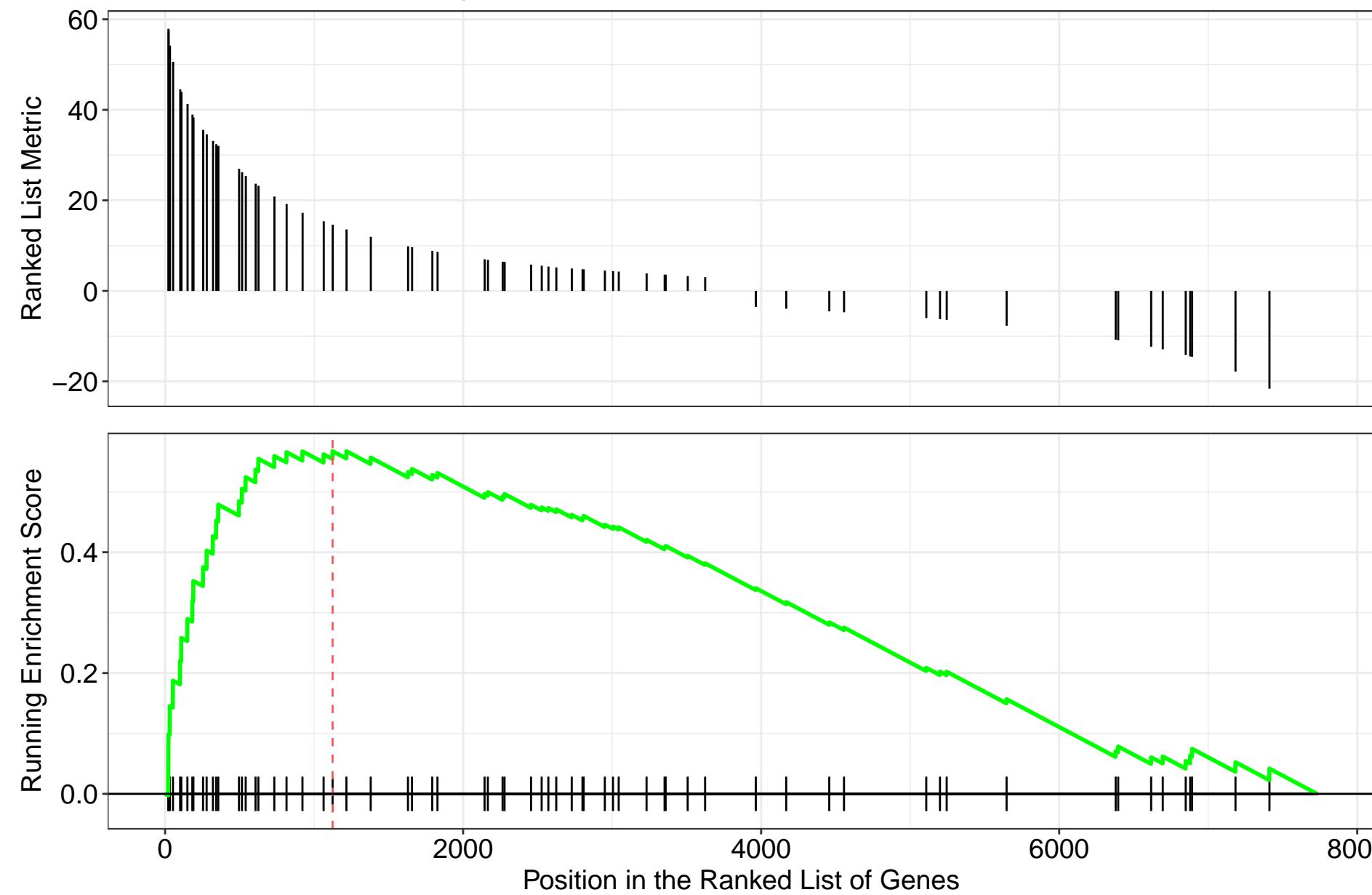
# regulation of cell cycle phase transition



# regulation of cell cycle

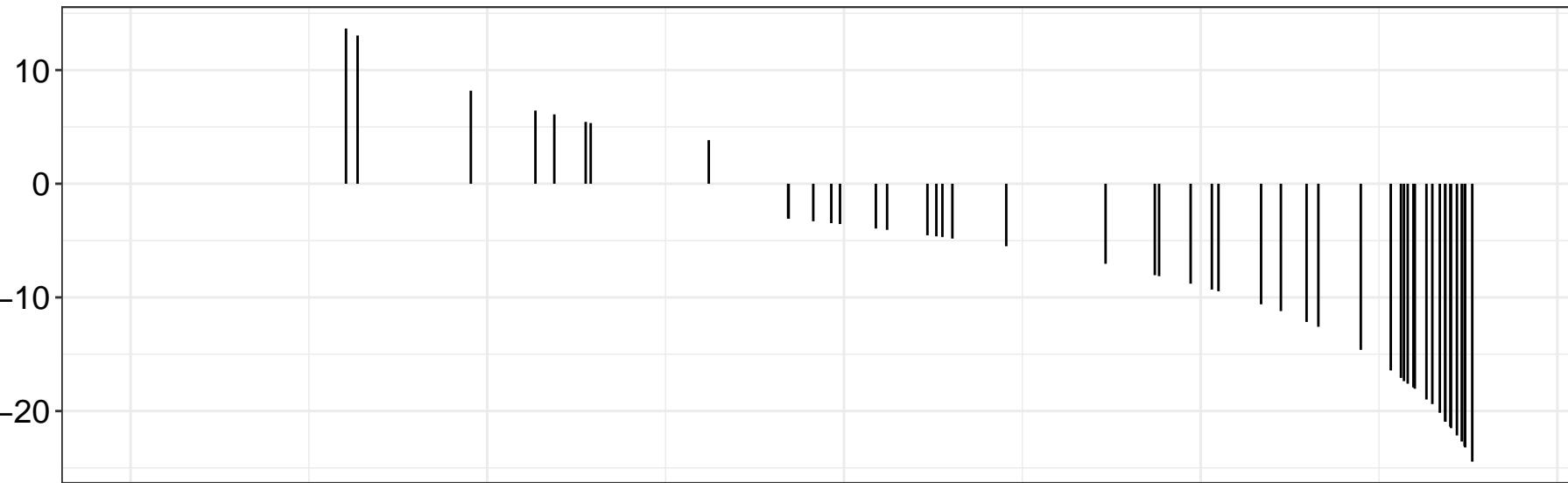


# regulation of leukocyte chemotaxis



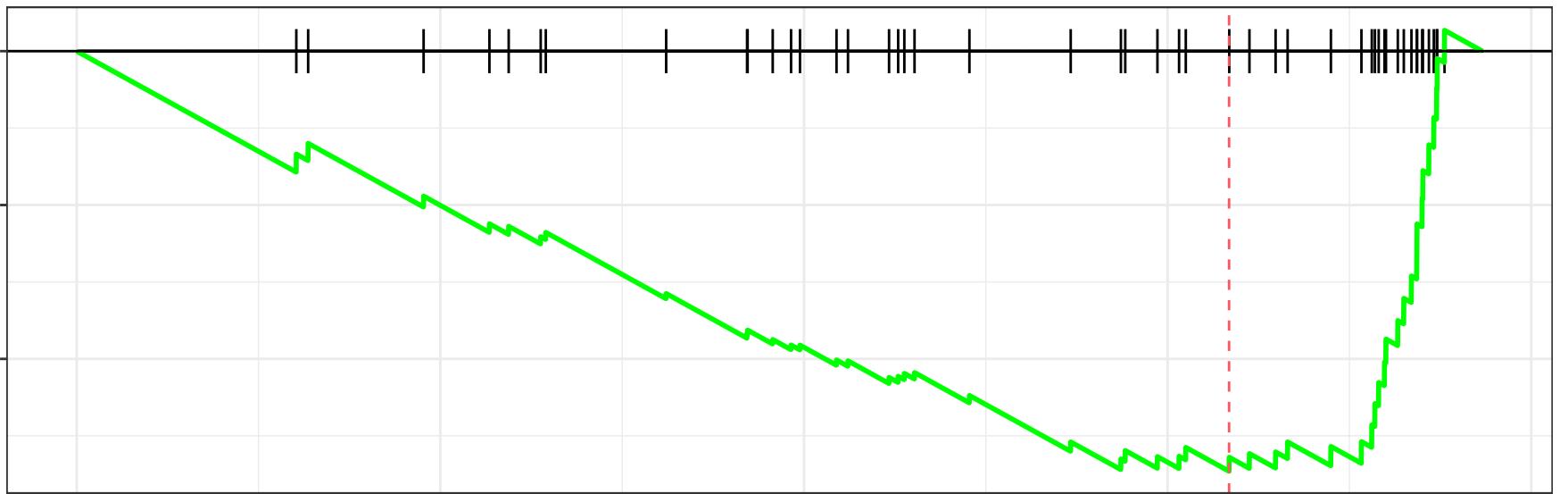
# regulation of mitotic sister chromatid separation

Ranked List Metric

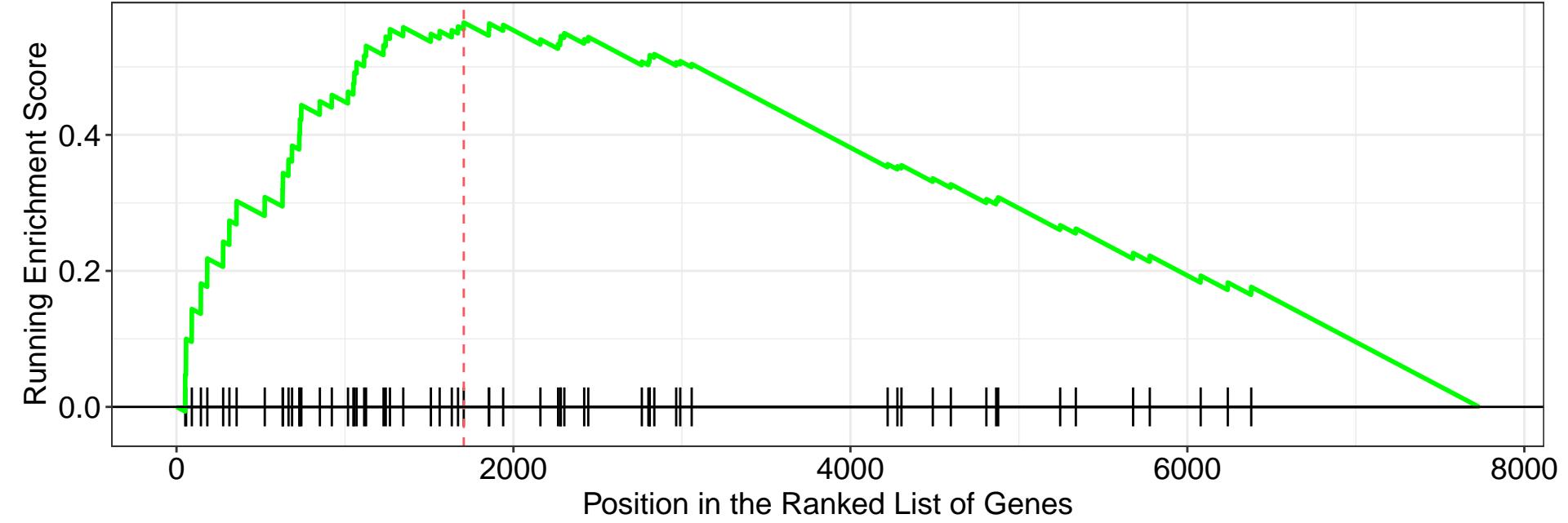
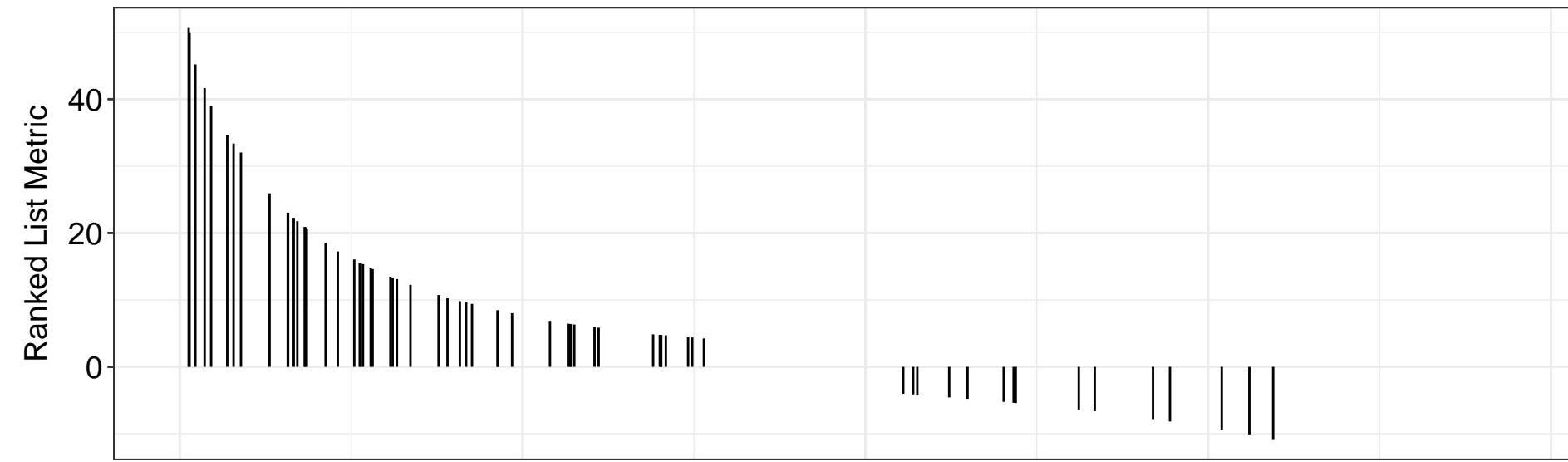


Running Enrichment Score

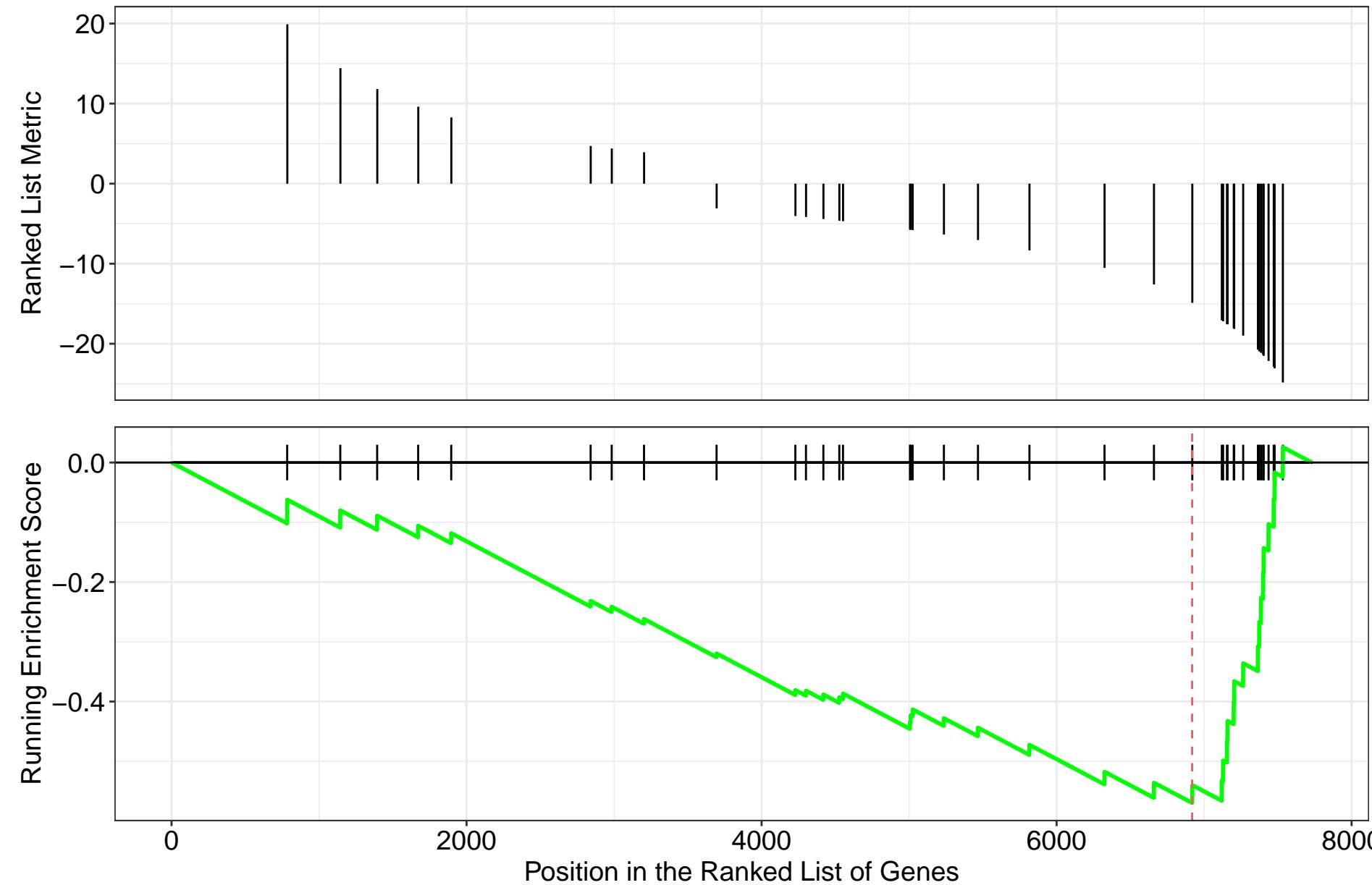
Position in the Ranked List of Genes



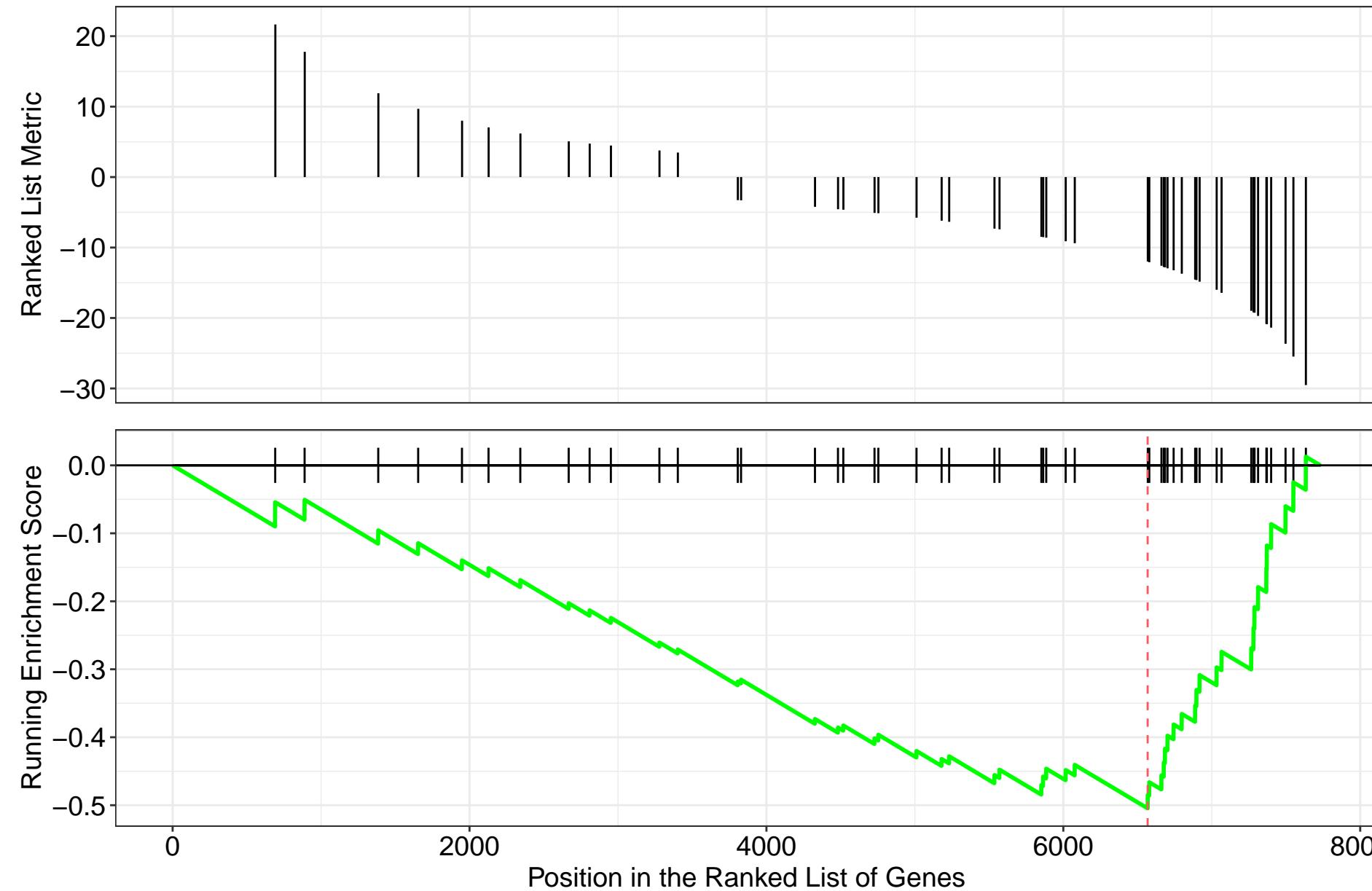
# positive regulation of tumor necrosis factor superfamily cytokine production



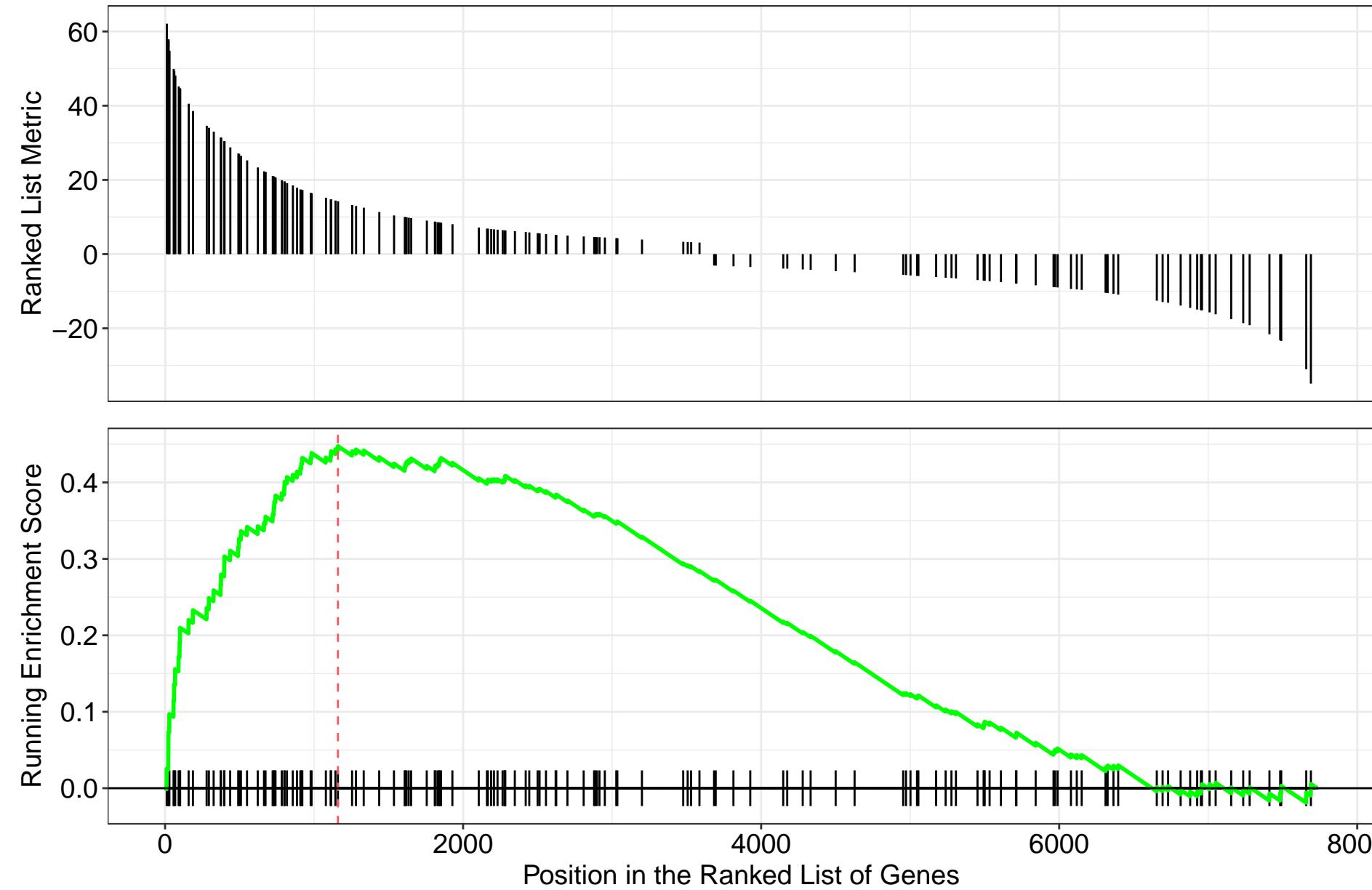
# mitotic cytokinesis



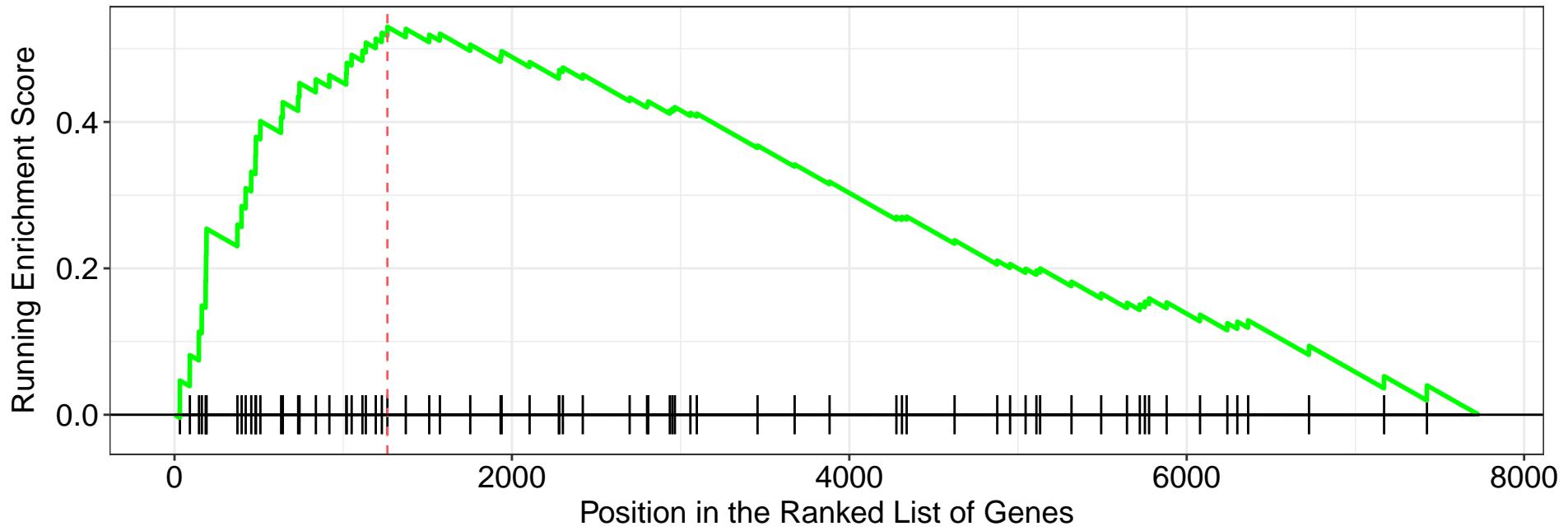
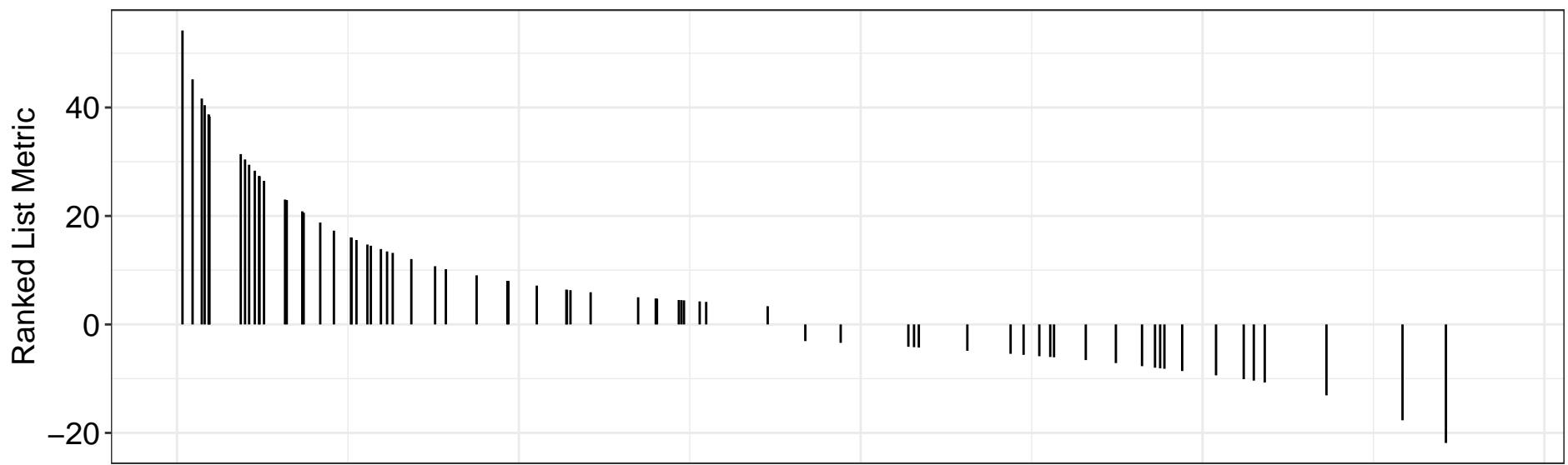
# regulation of G2/M transition of mitotic cell cycle



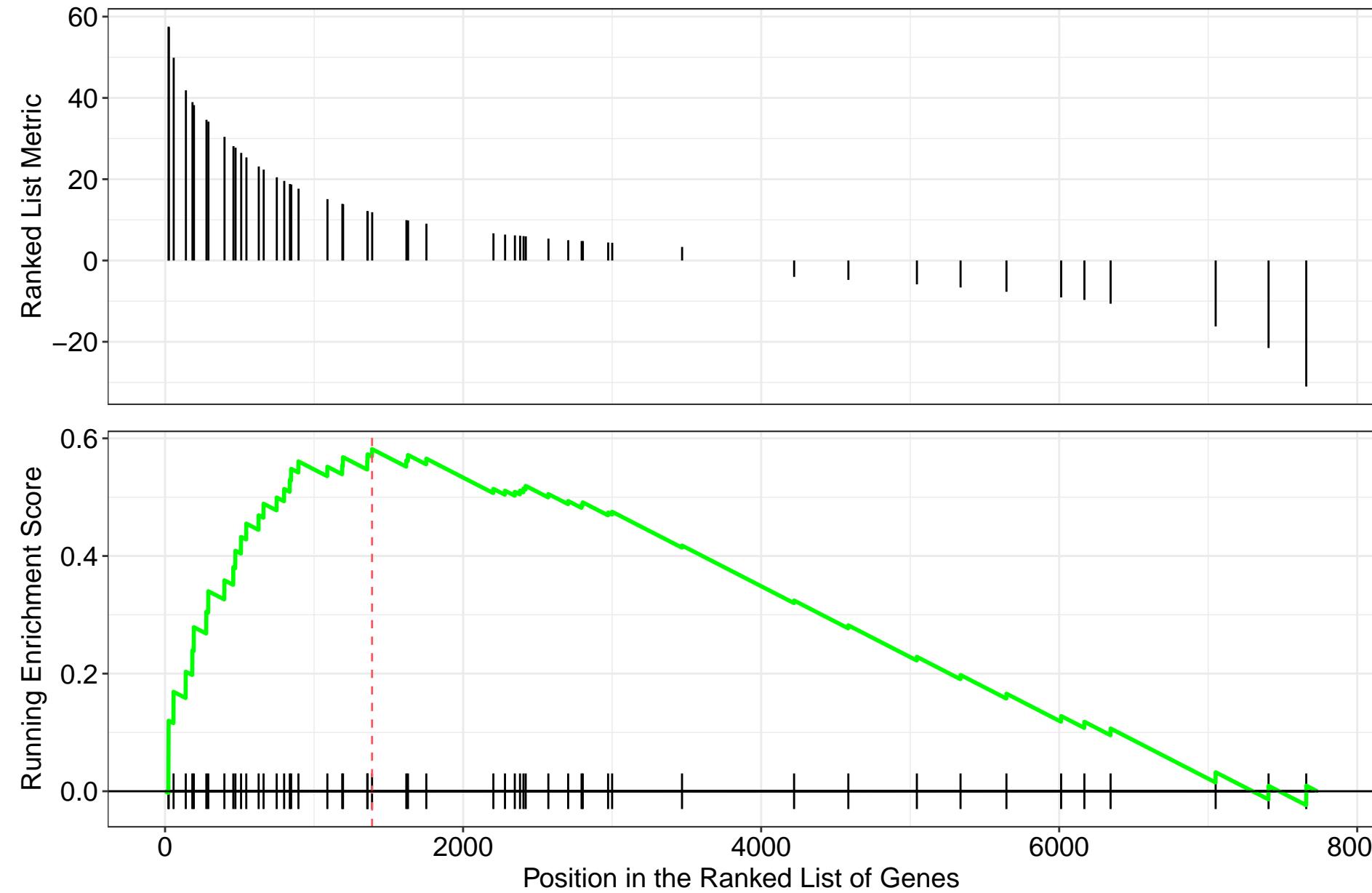
# peptidyl–tyrosine phosphorylation



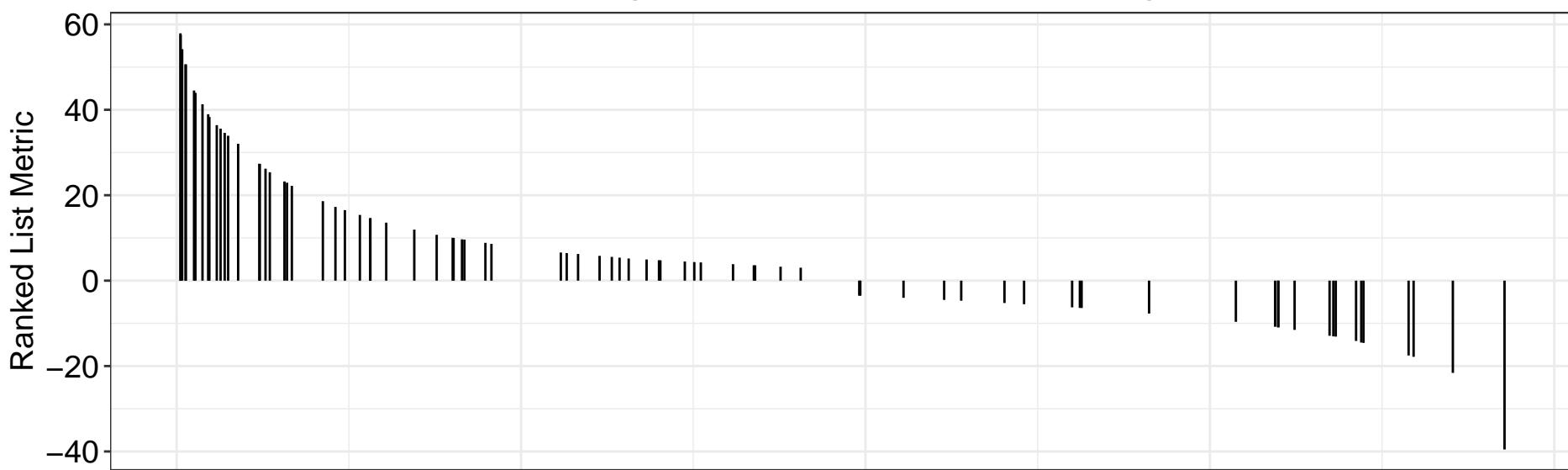
# positive regulation of production of molecular mediator of immune response



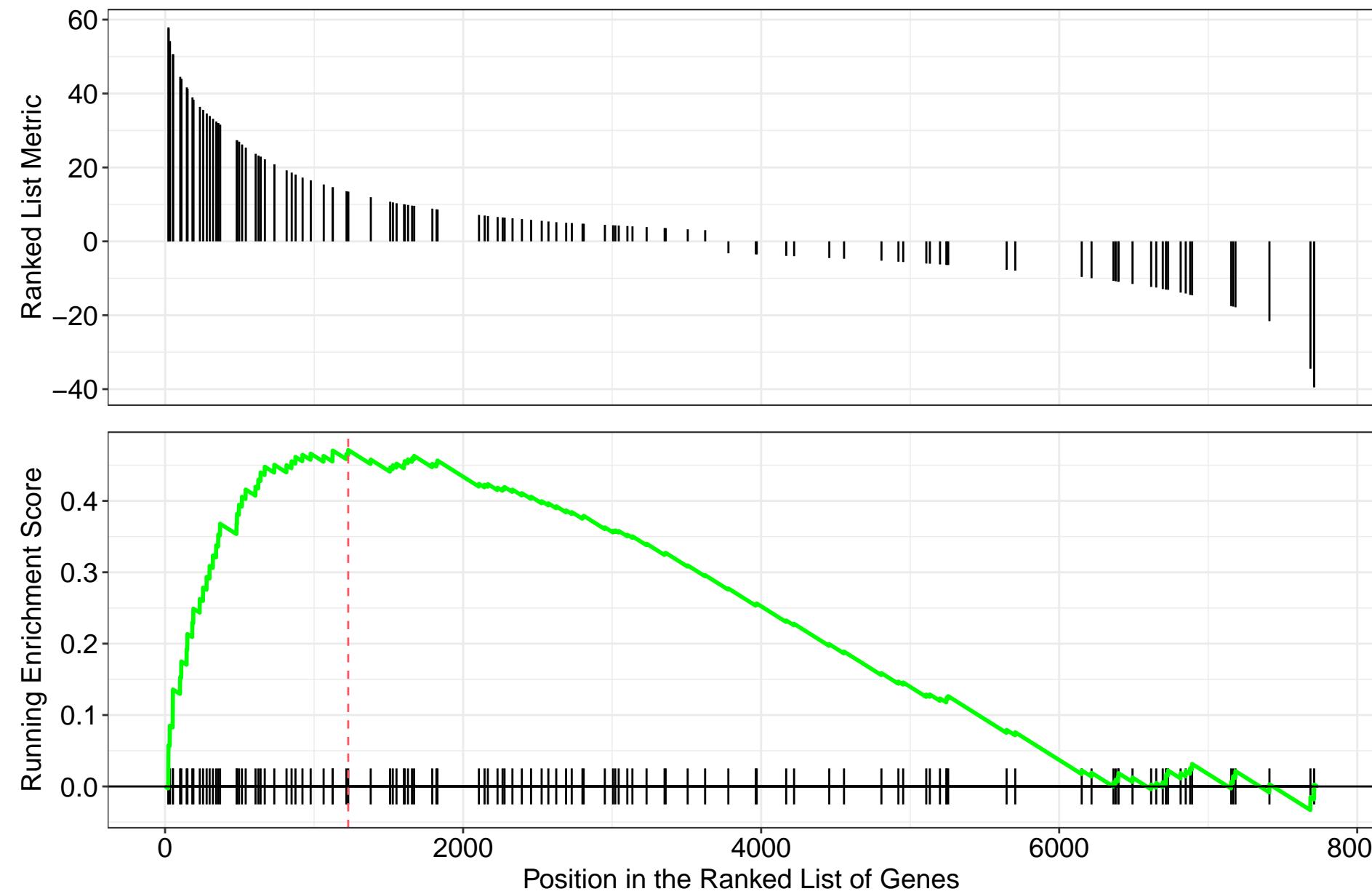
# positive regulation of cell killing



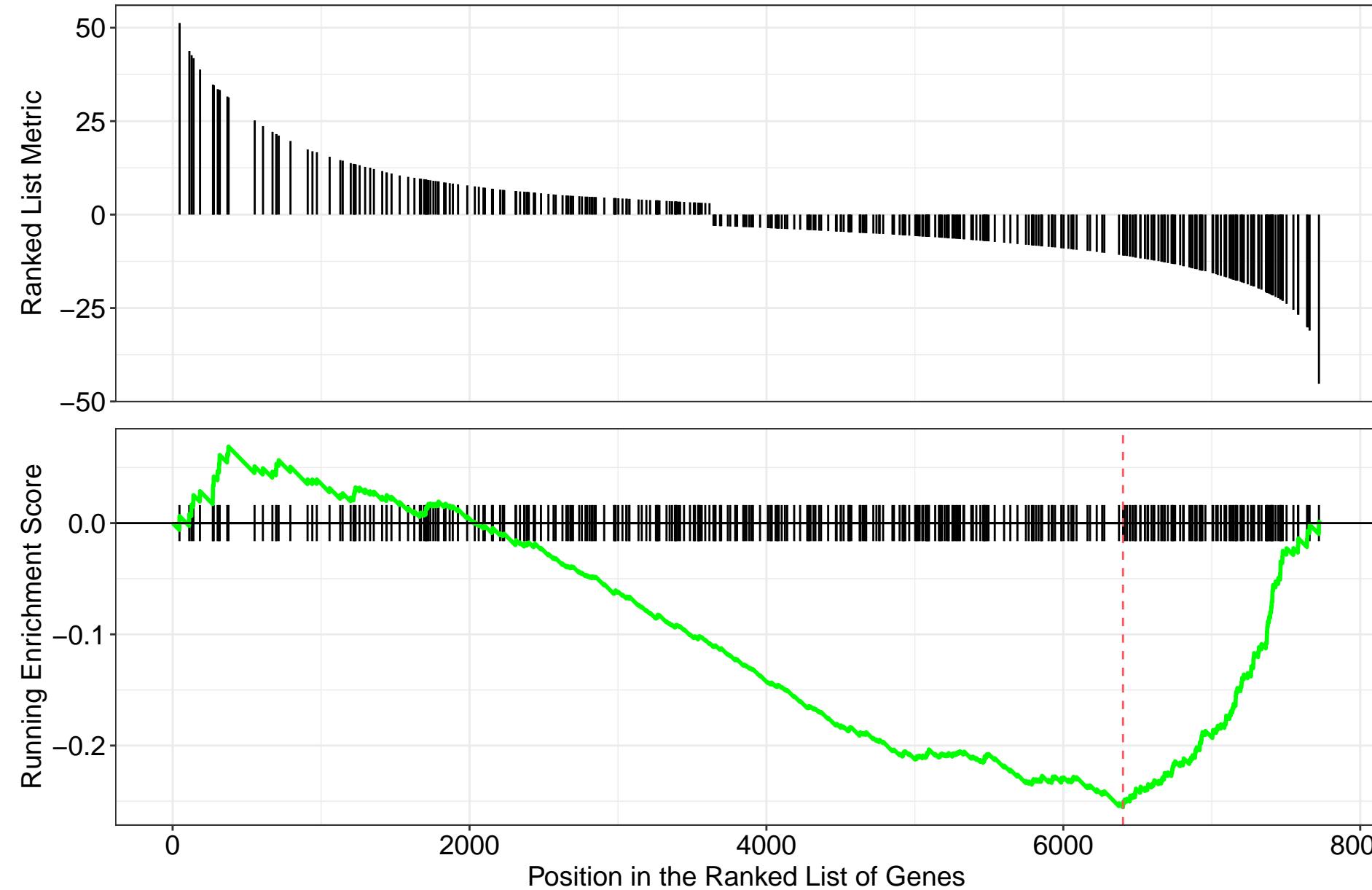
# positive regulation of leukocyte migration



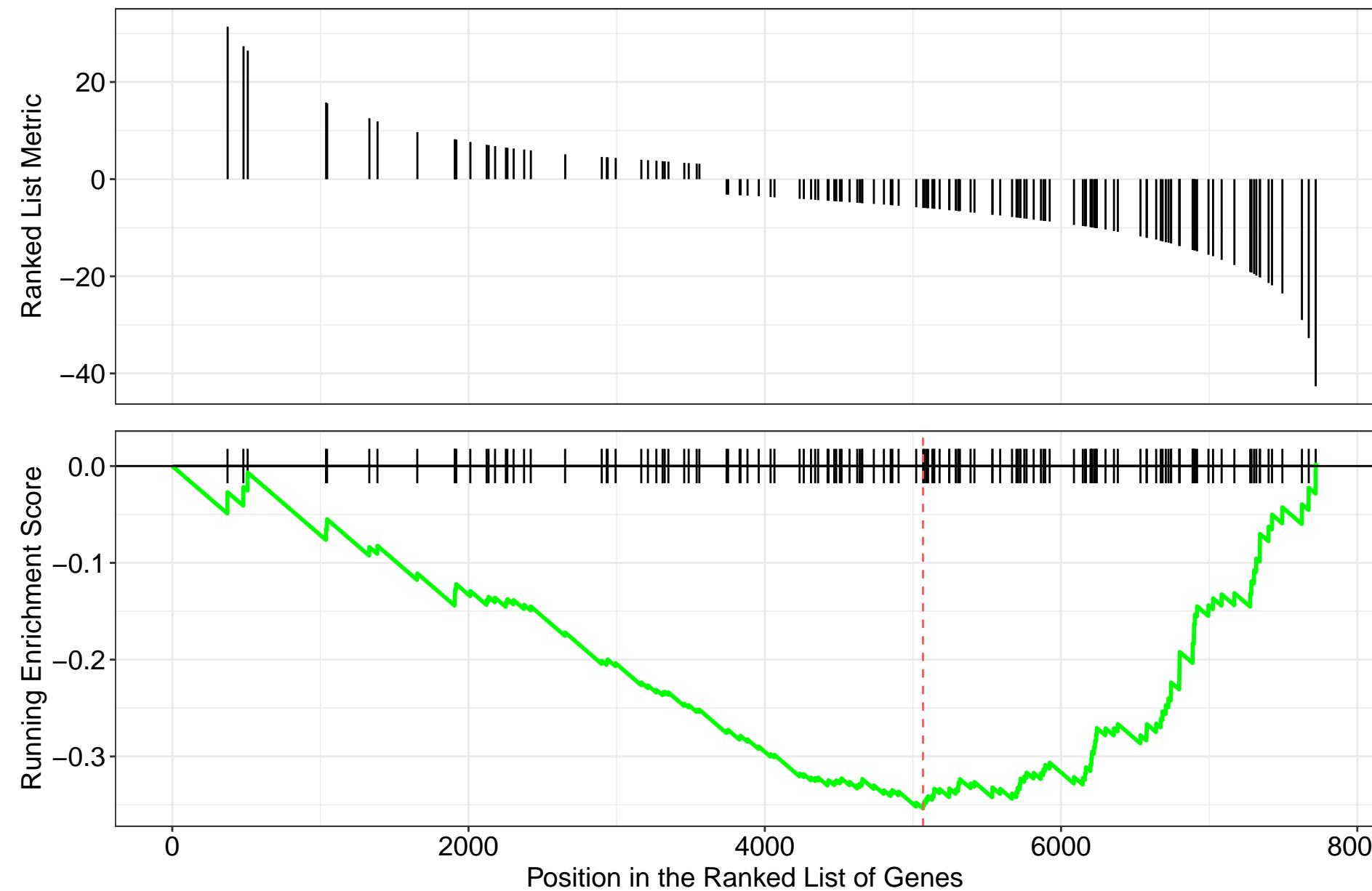
# regulation of leukocyte migration



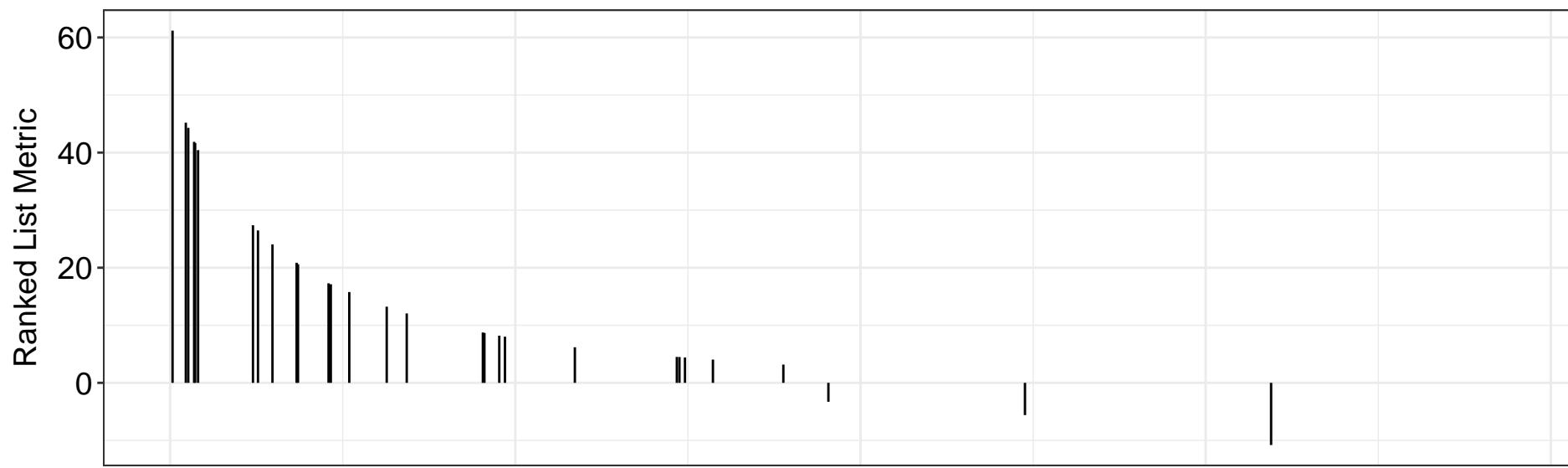
# microtubule-based process



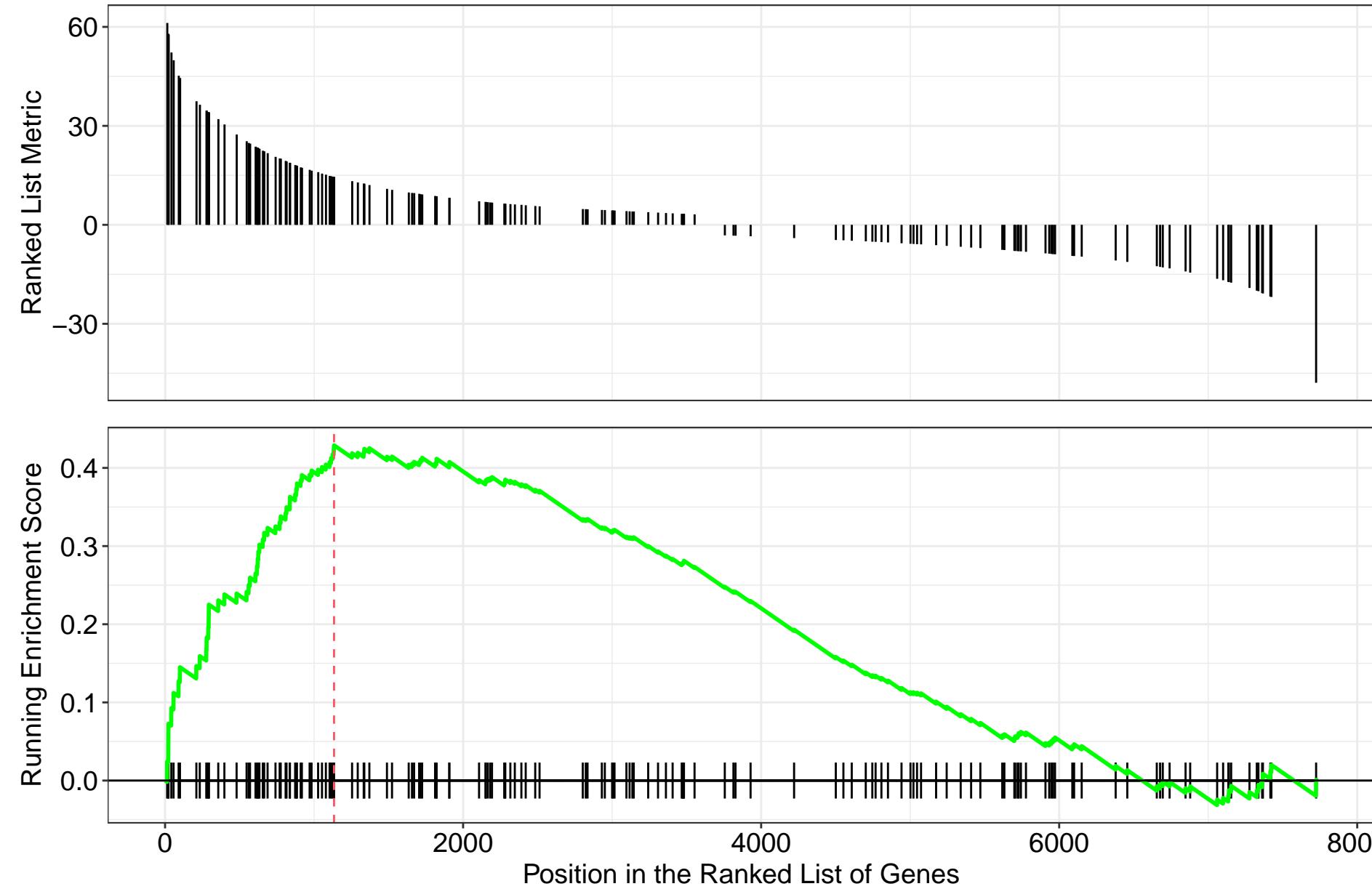
# DNA recombination



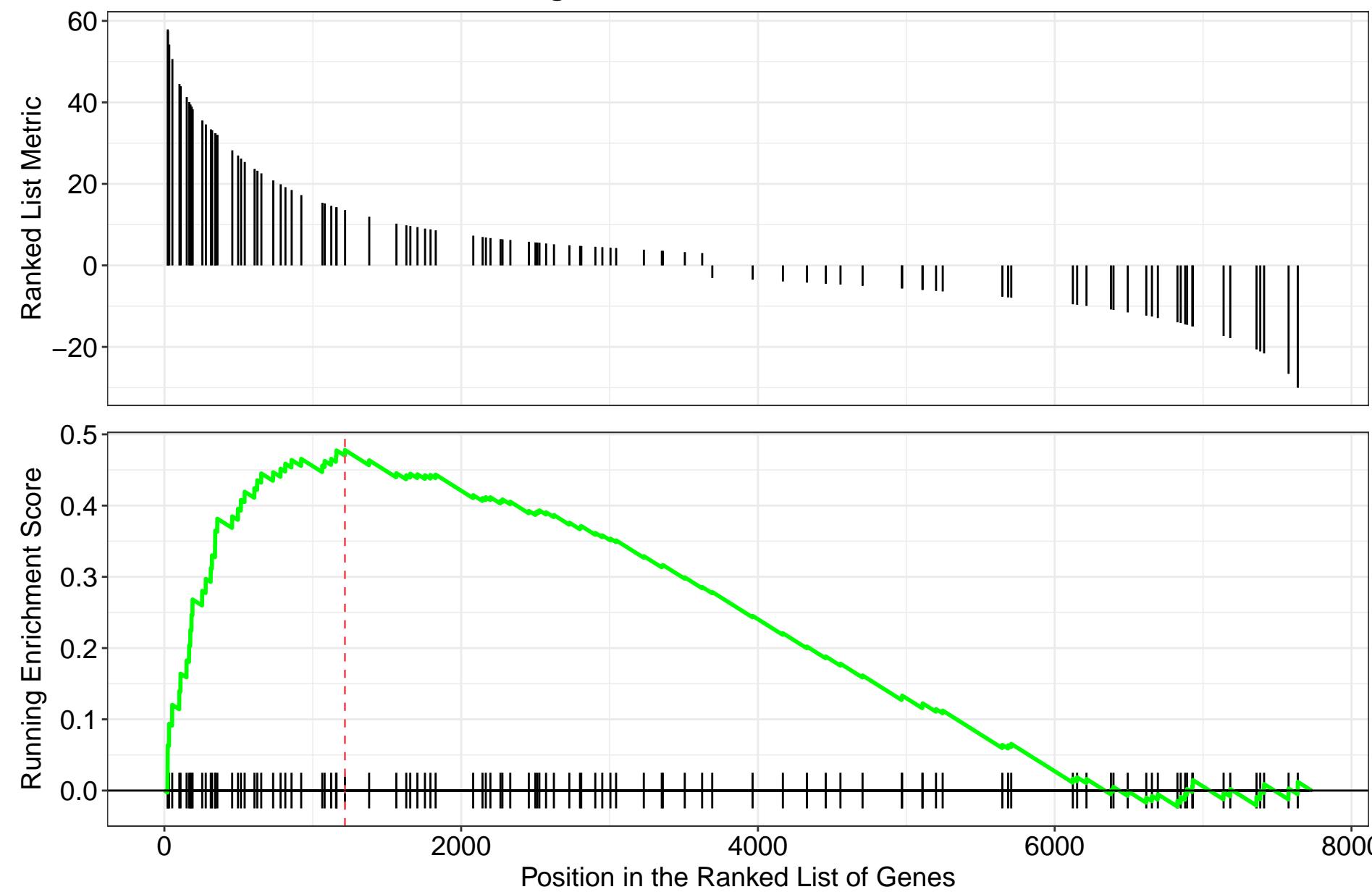
## type 2 immune response



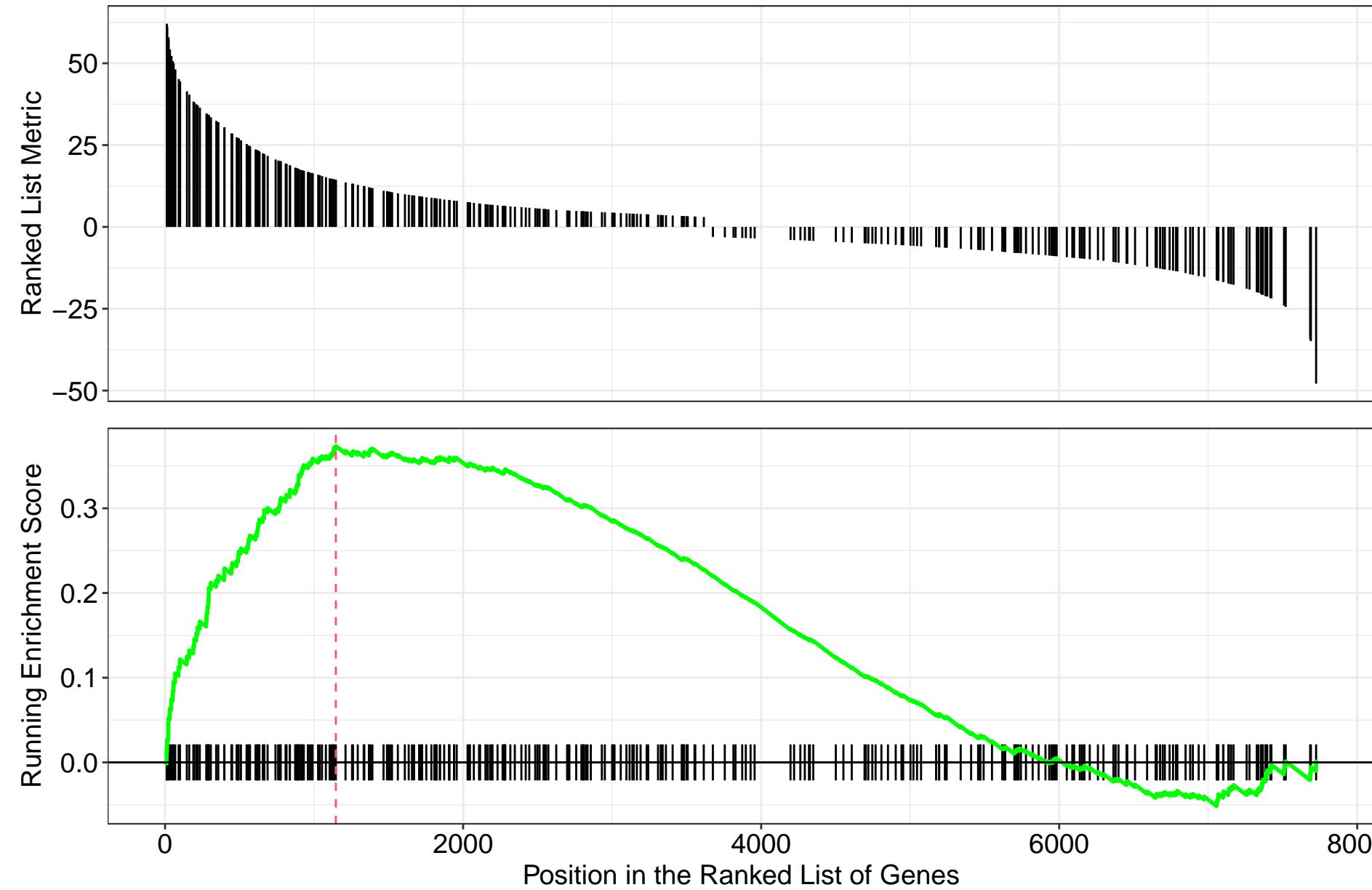
# regulation of leukocyte differentiation



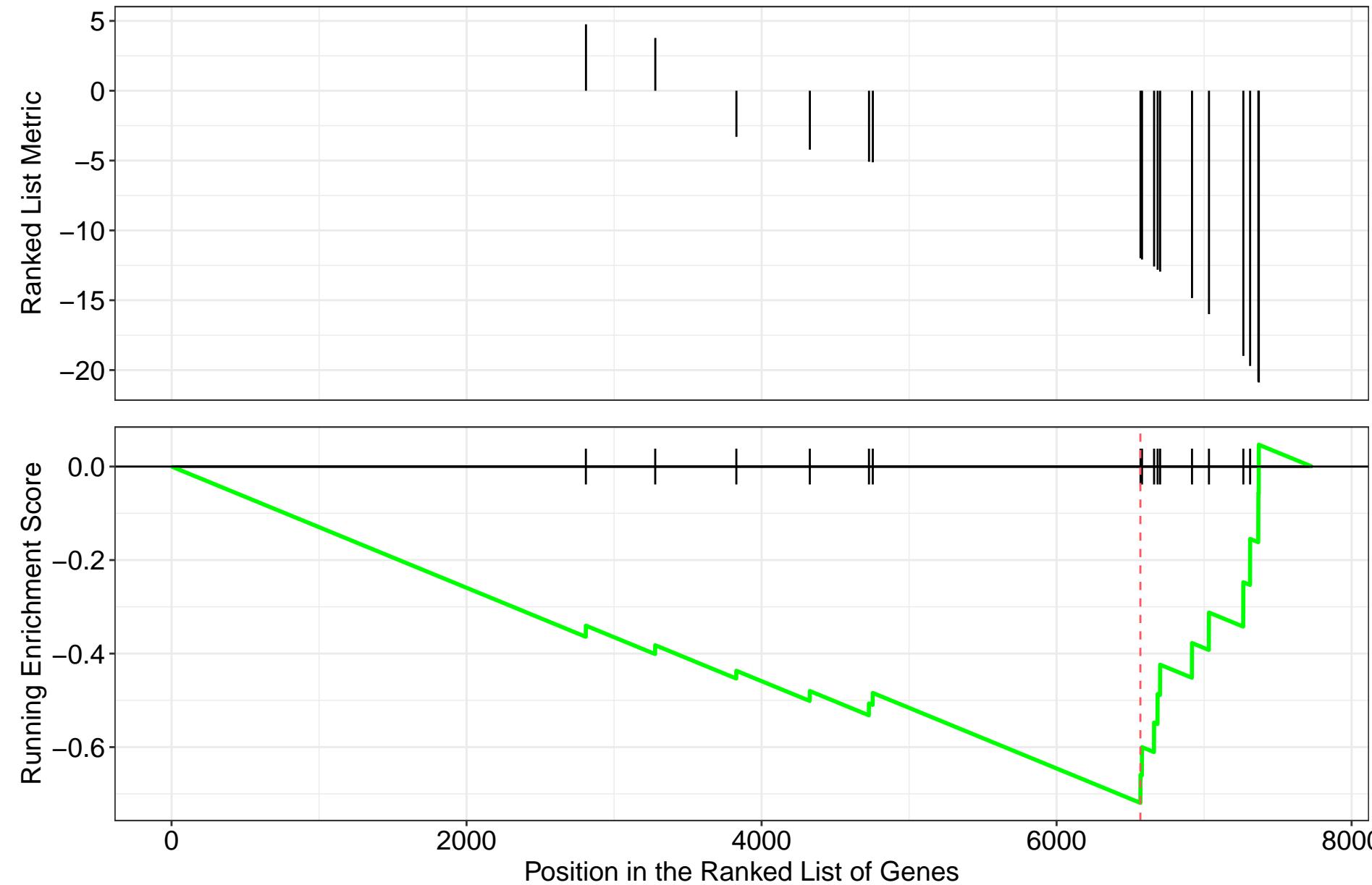
# regulation of chemotaxis



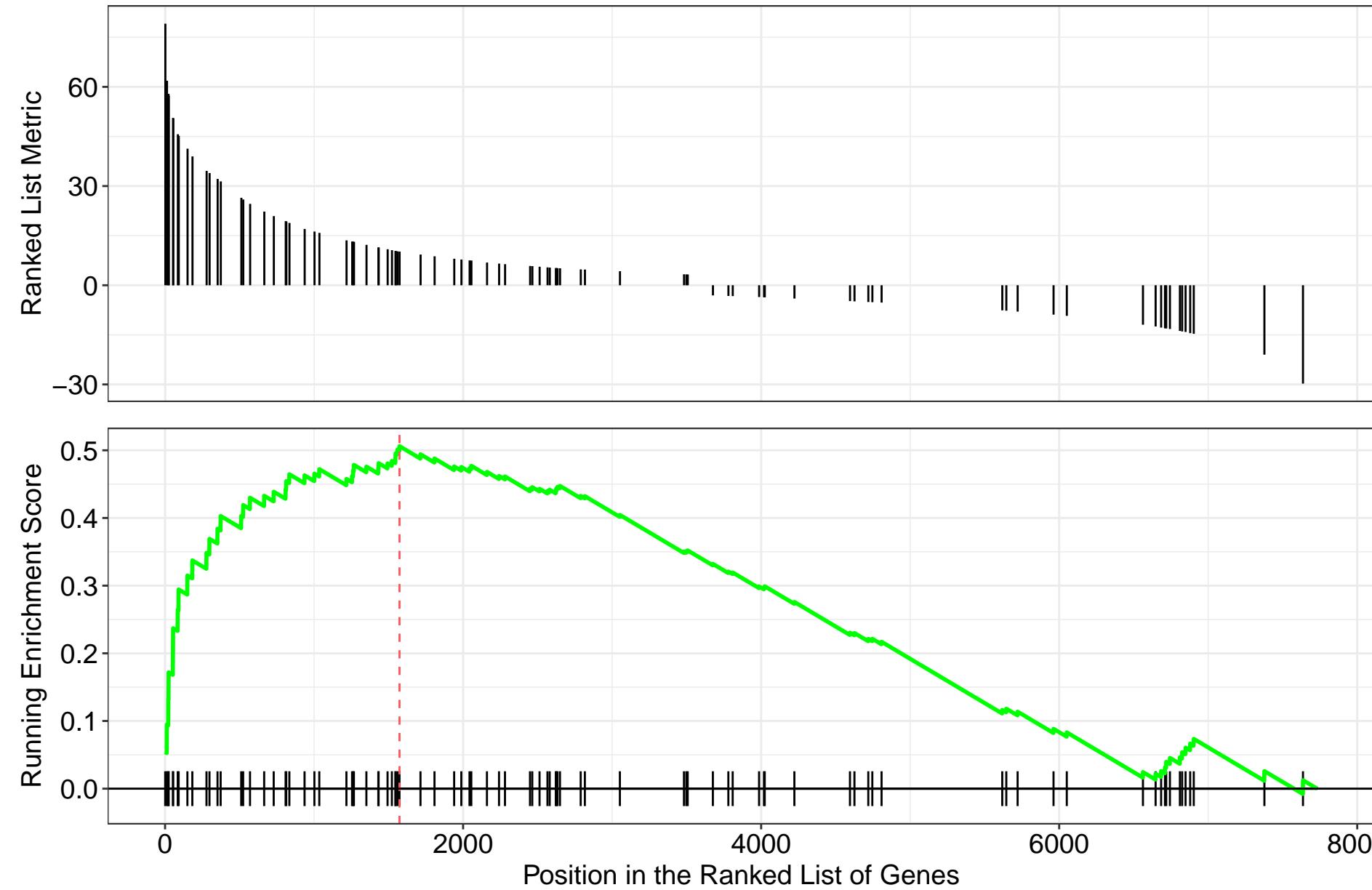
# leukocyte differentiation



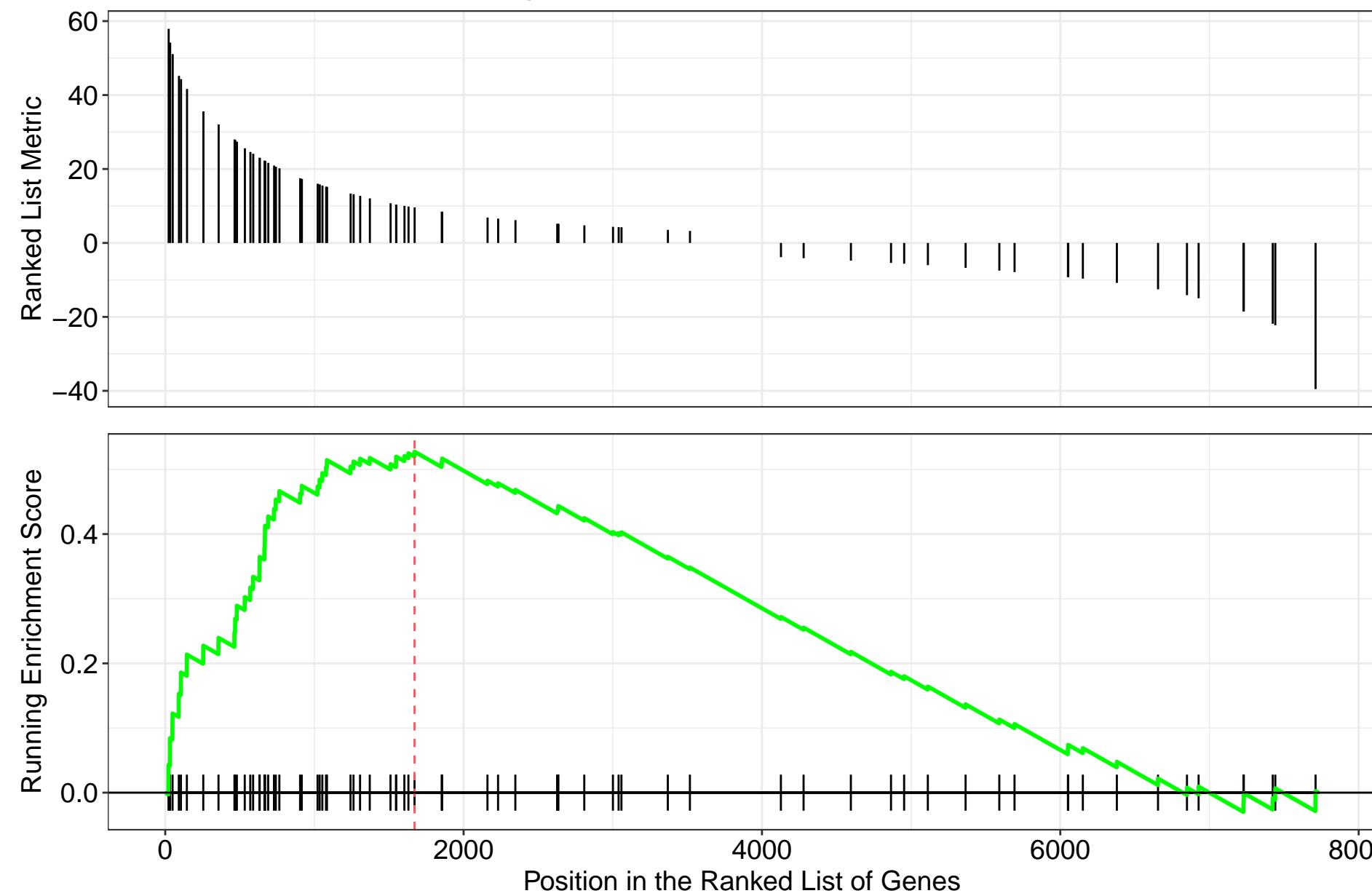
# positive regulation of G2/M transition of mitotic cell cycle



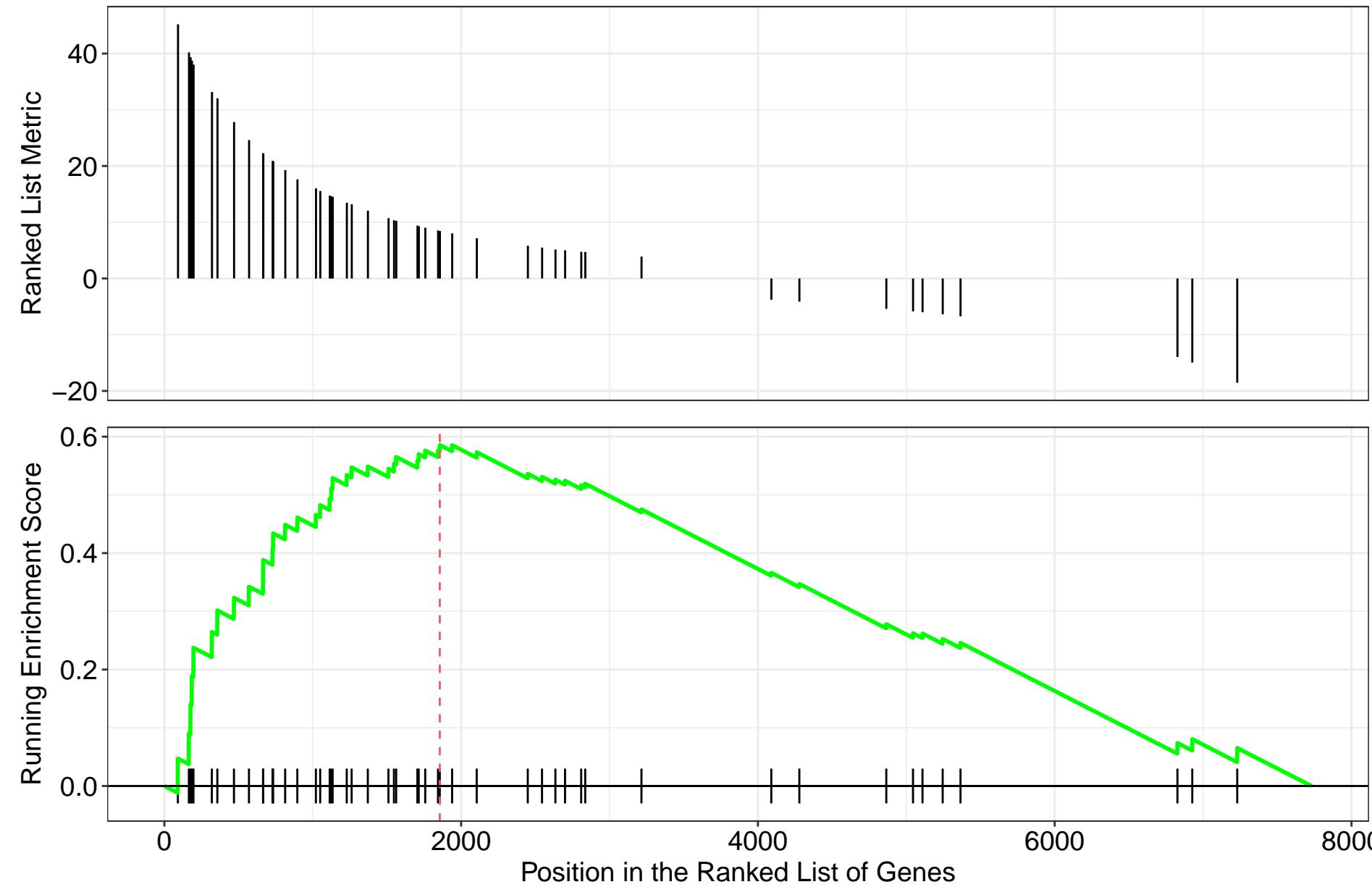
# response to tumor necrosis factor



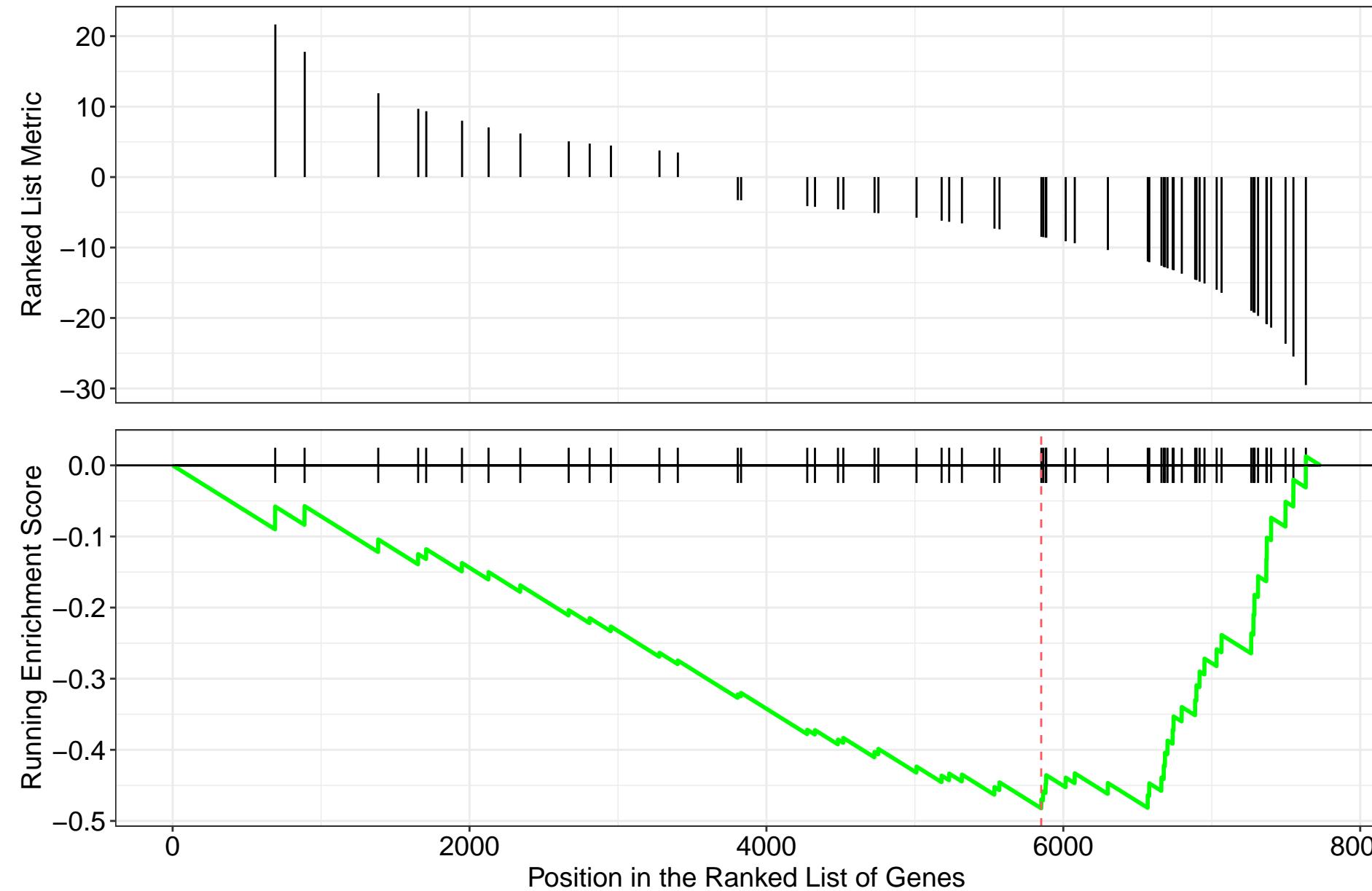
# positive regulation of inflammatory response



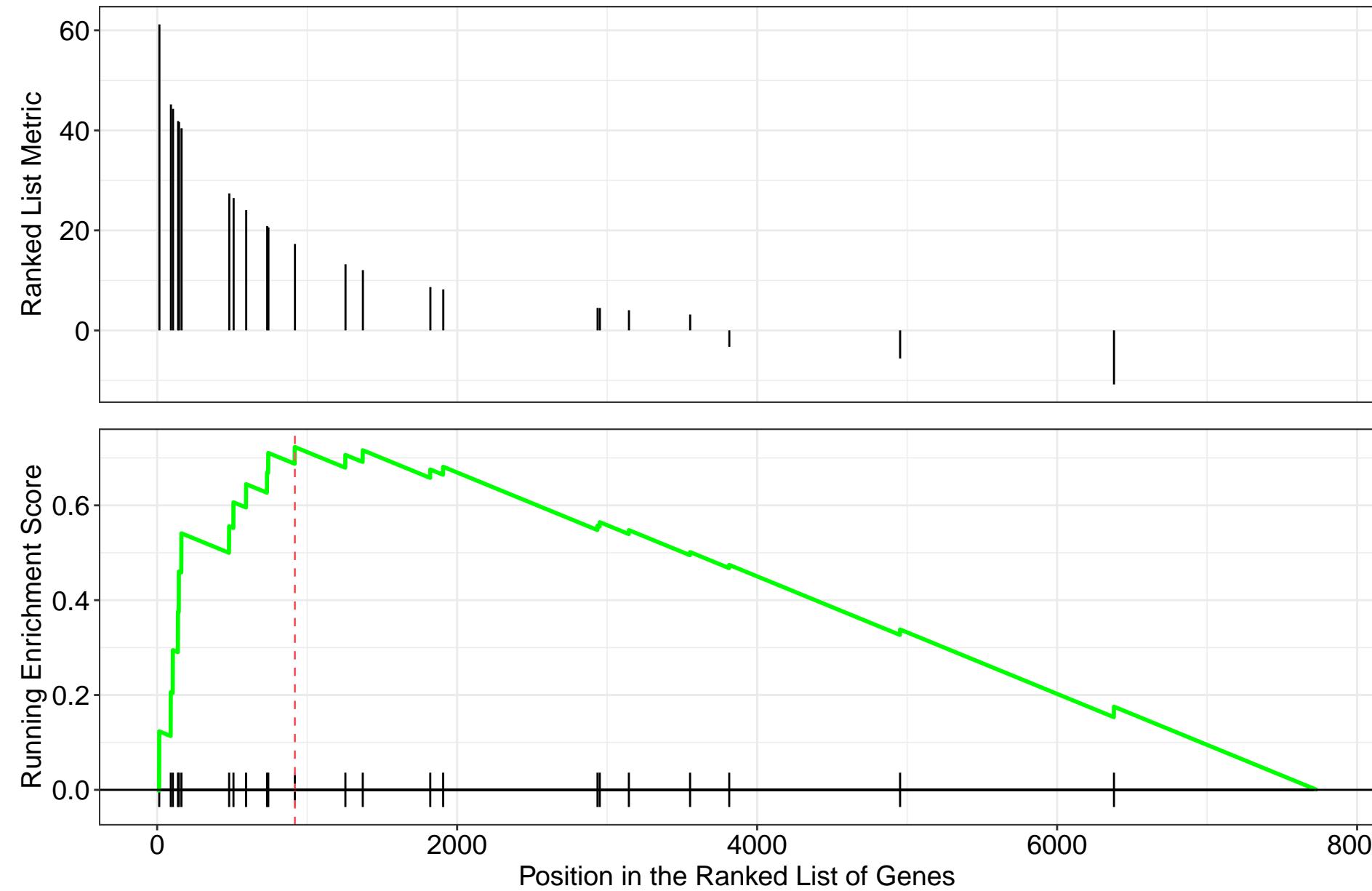
# positive regulation of interleukin-1 production



# regulation of cell cycle G2/M phase transition

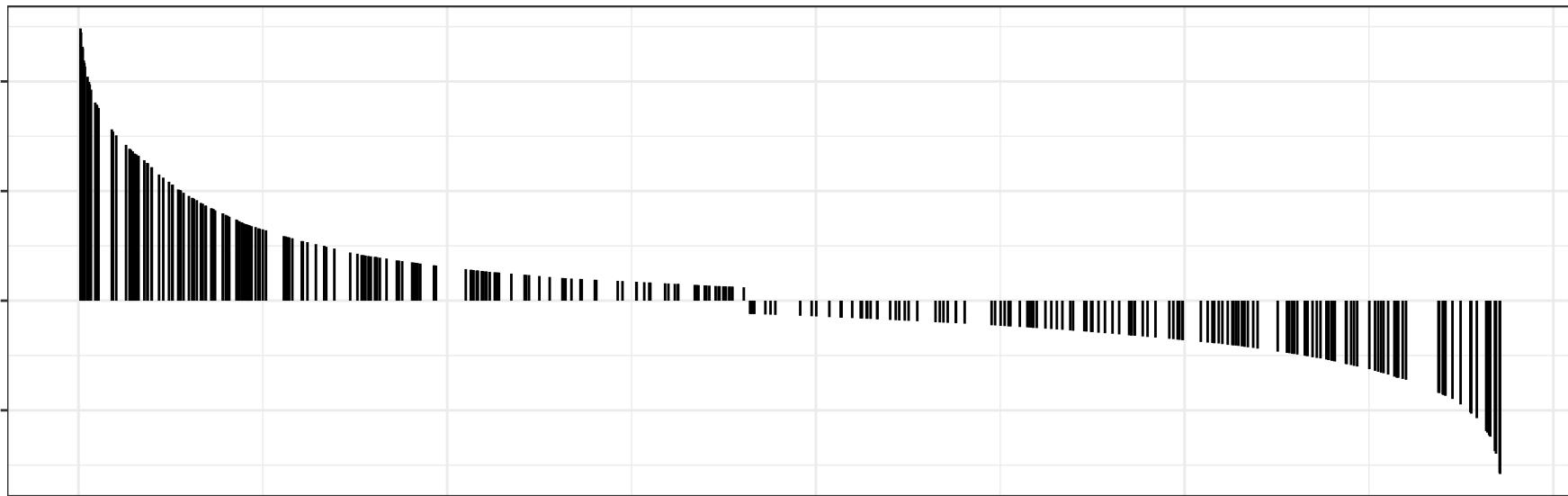


# regulation of type 2 immune response

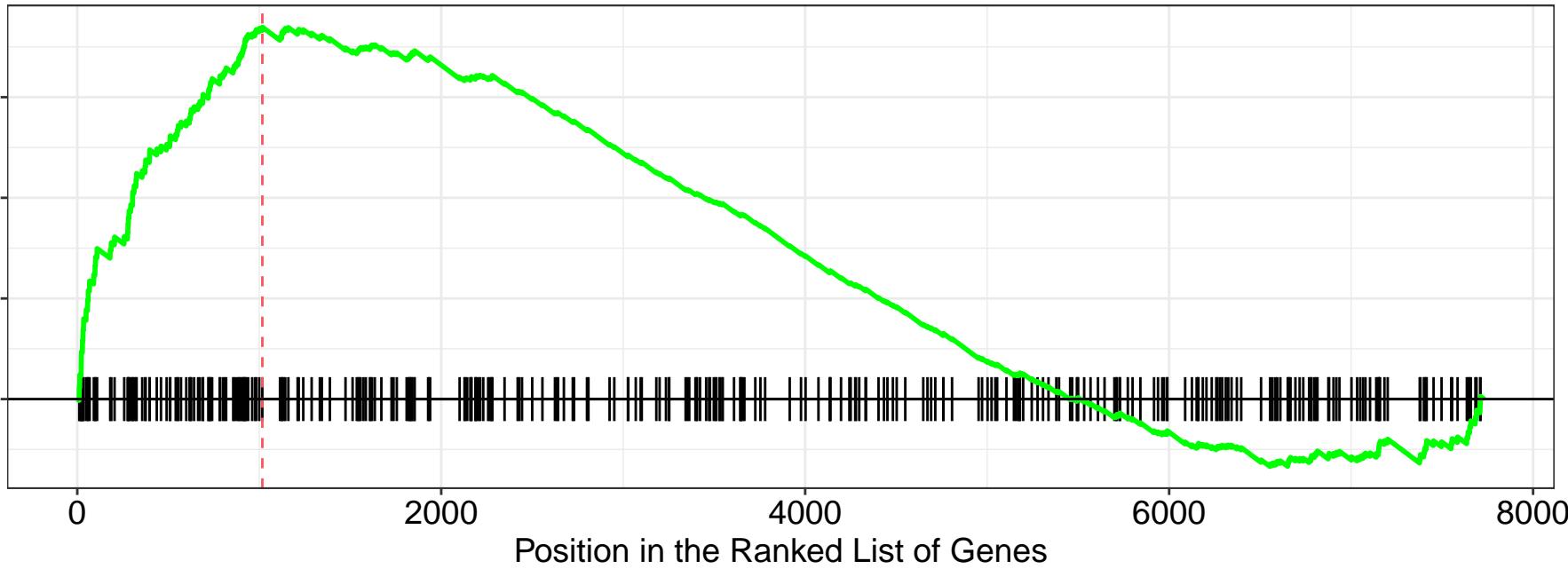


# positive regulation of protein phosphorylation

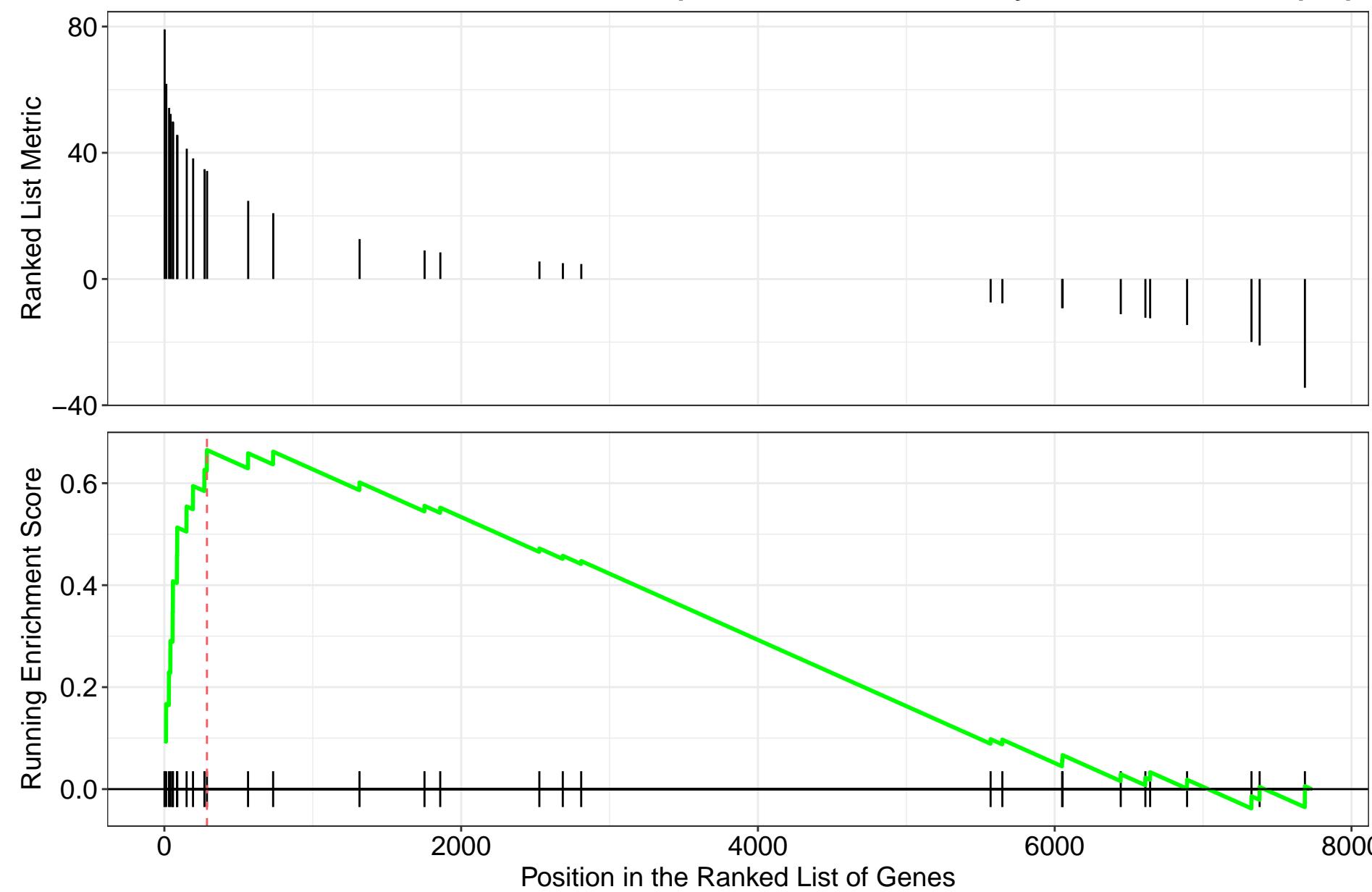
Ranked List Metric



Running Enrichment Score

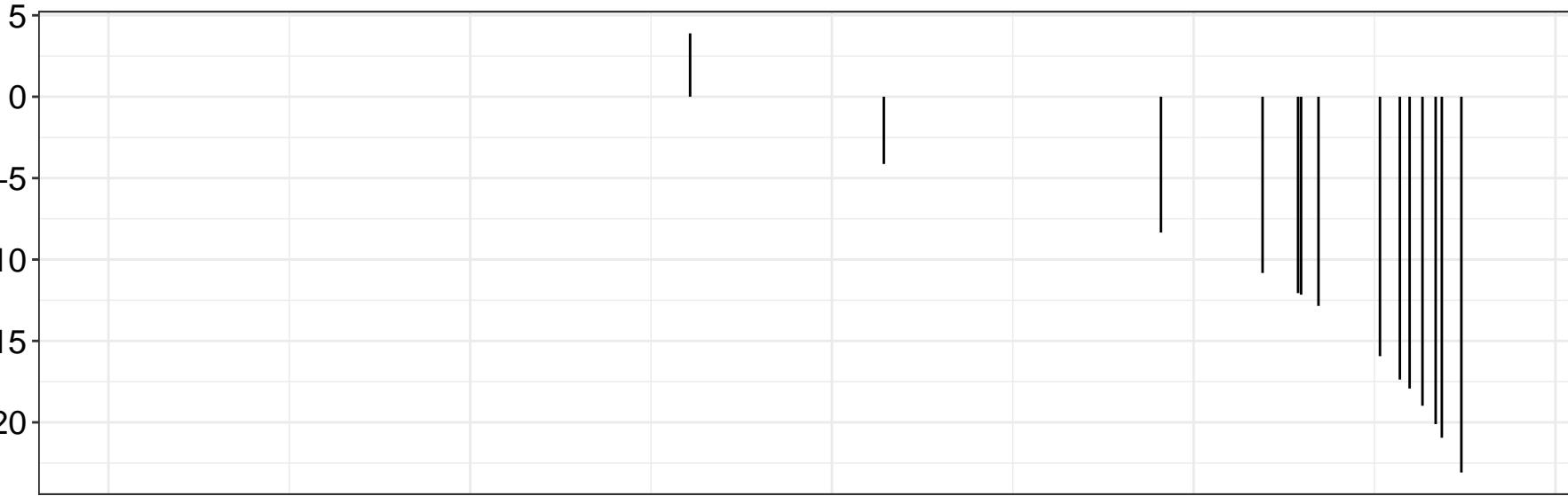


# antimicrobial humoral immune response mediated by antimicrobial peptide



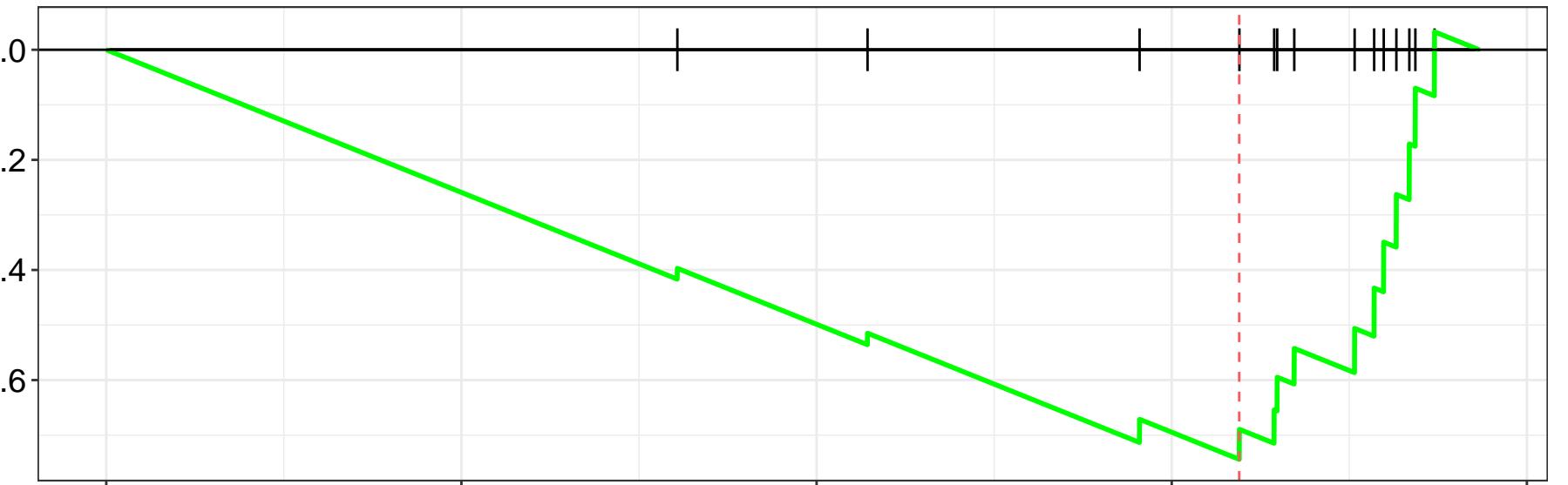
# kinetochore organization

Ranked List Metric

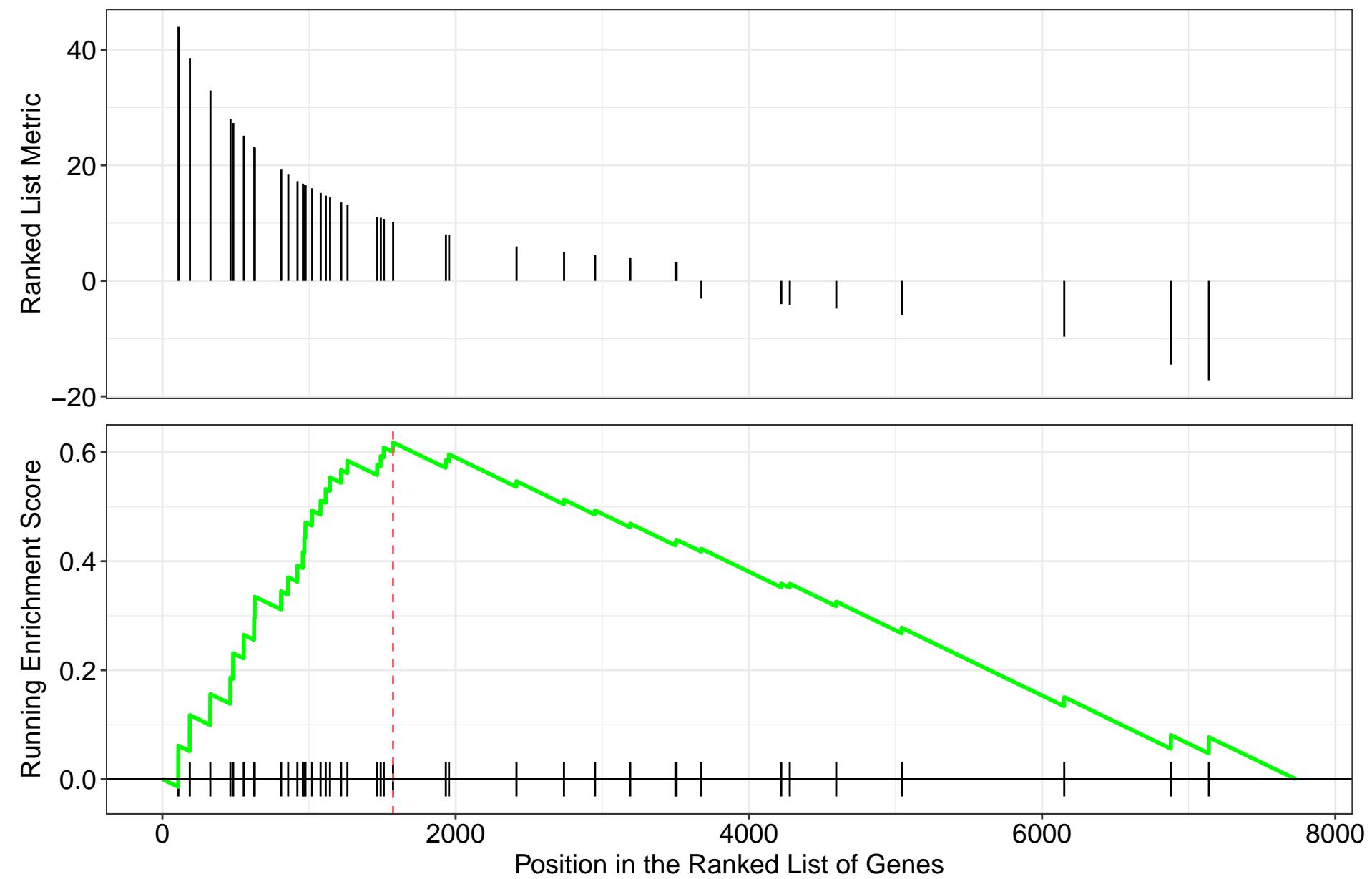


Running Enrichment Score

Position in the Ranked List of Genes

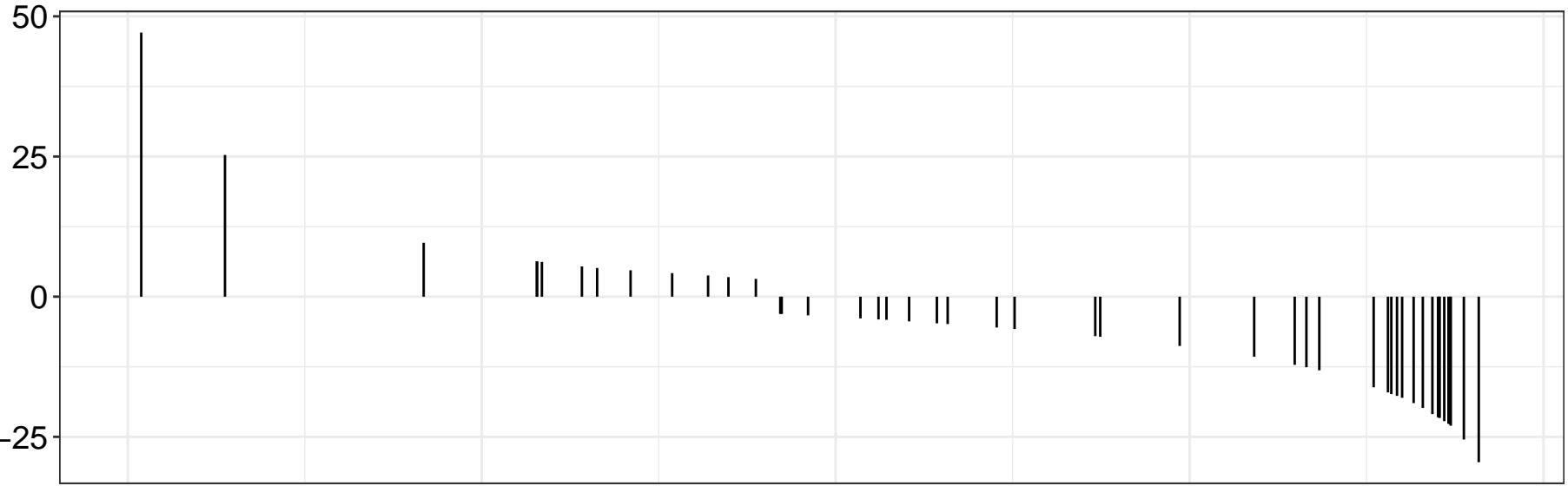


# positive regulation of response to cytokine stimulus



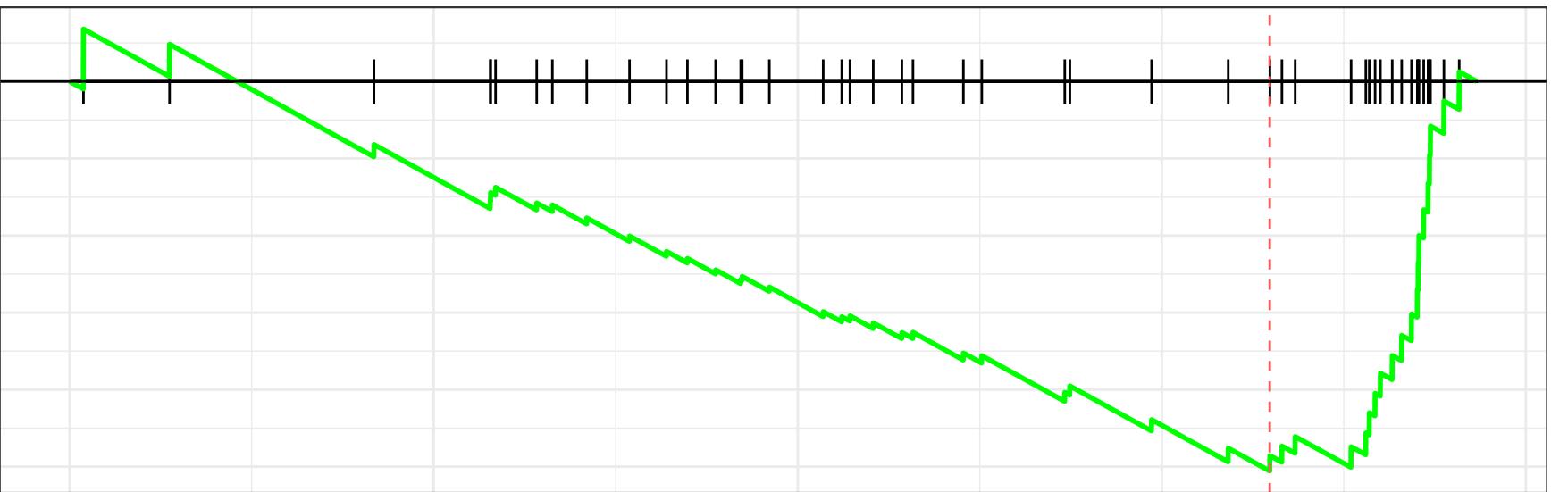
# chromosome localization

Ranked List Metric

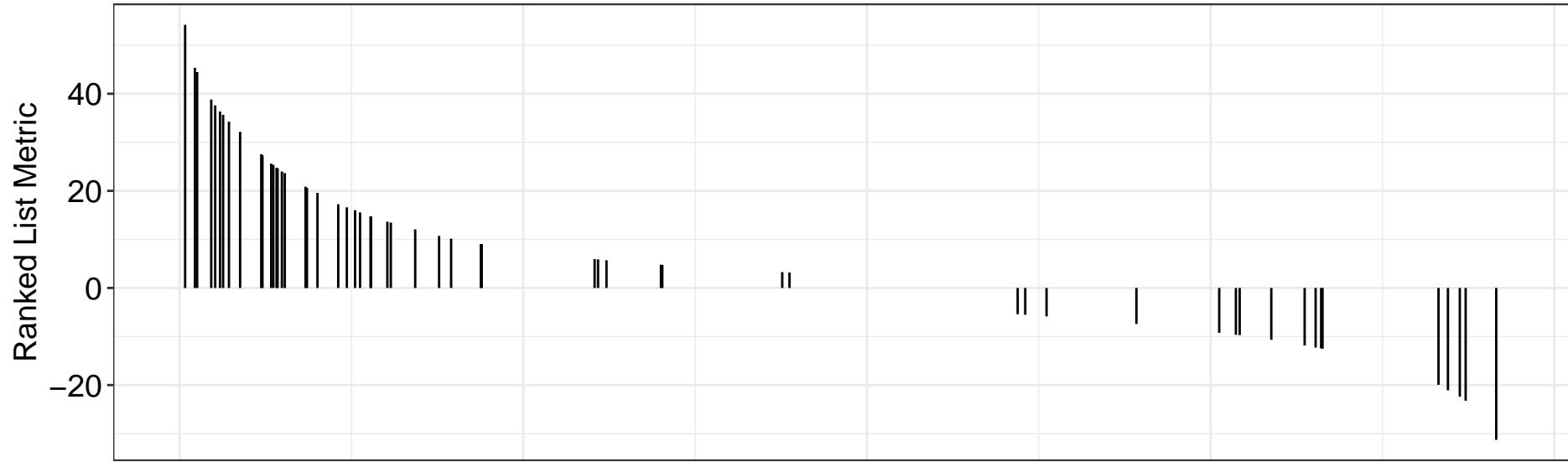


Running Enrichment Score

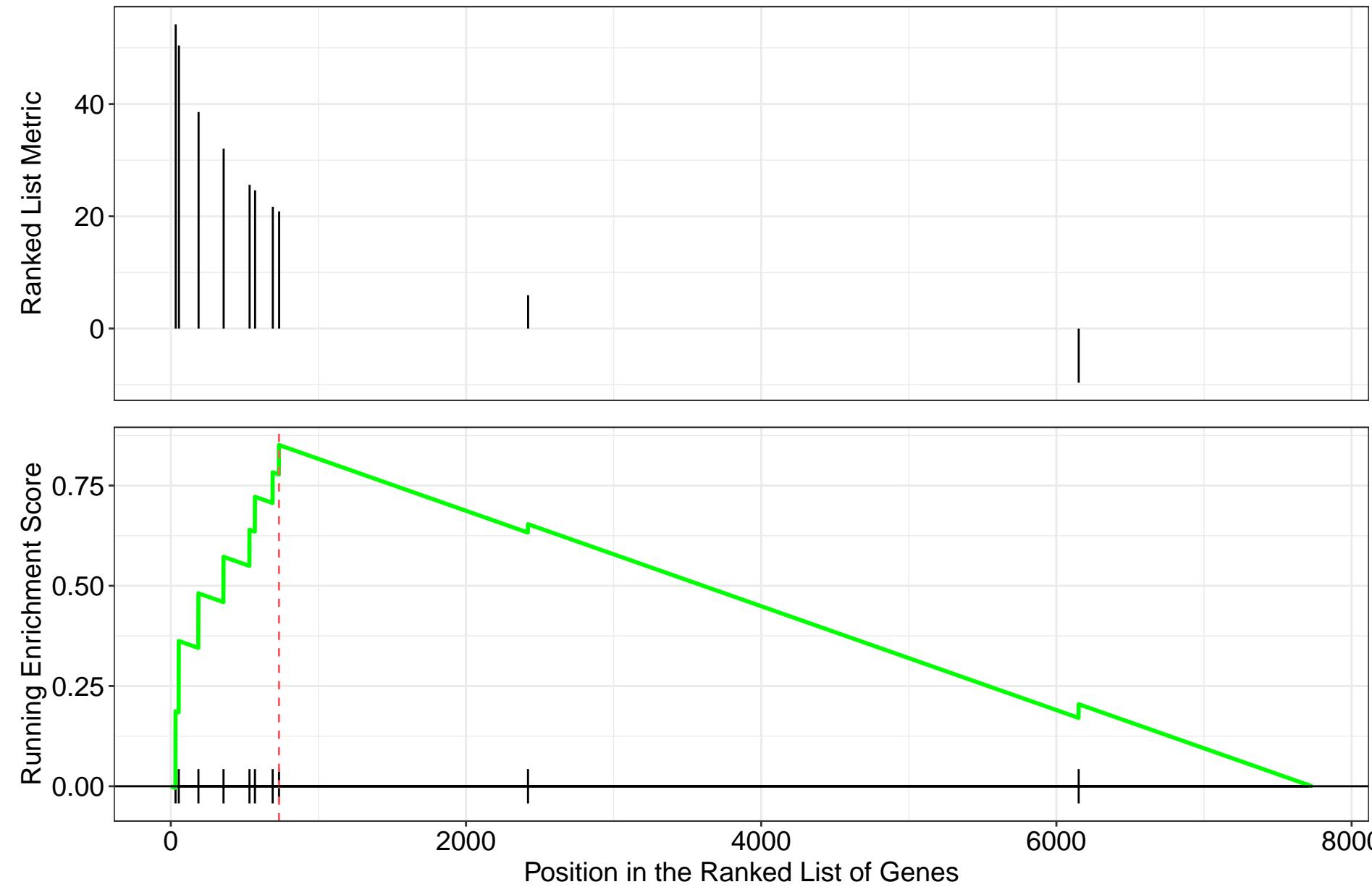
Position in the Ranked List of Genes



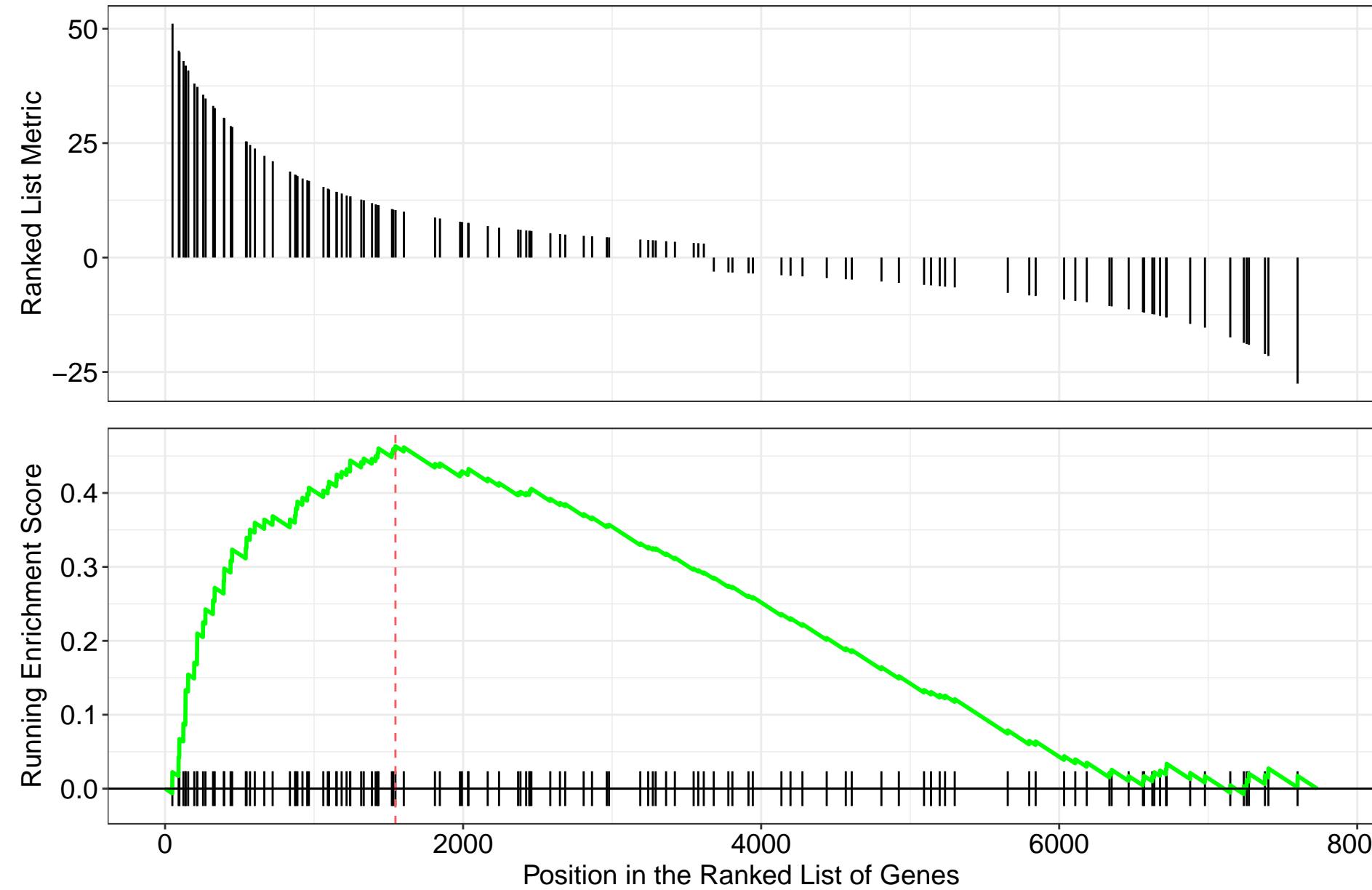
# defense response to Gram-positive bacterium



# positive regulation of humoral immune response

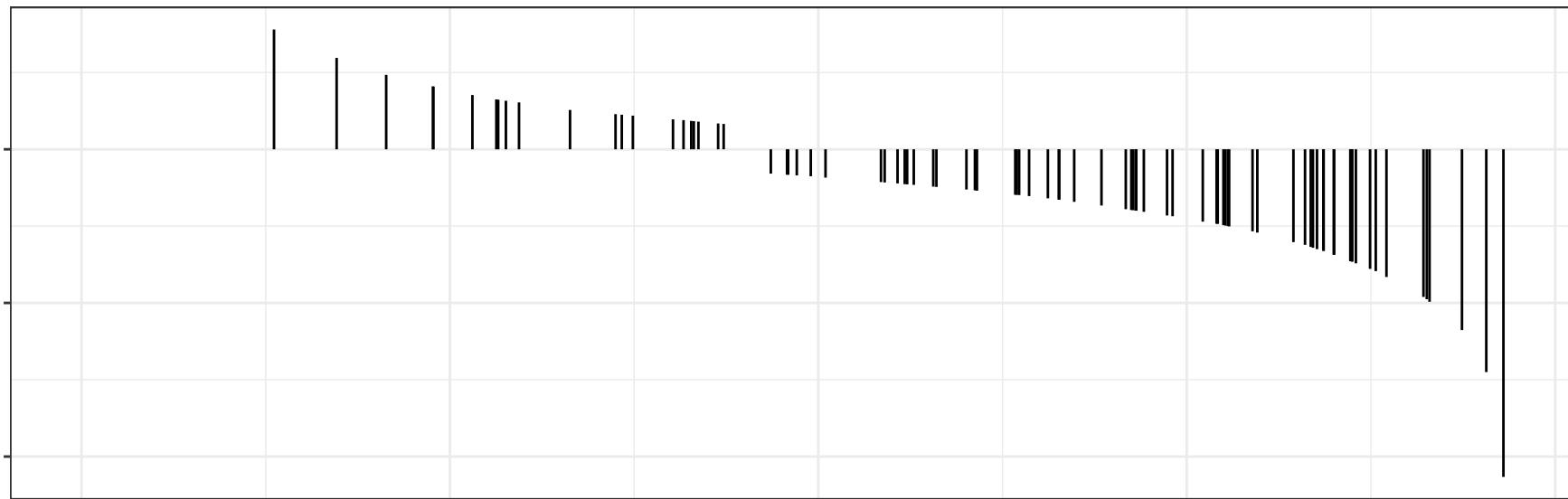


# negative regulation of proteolysis



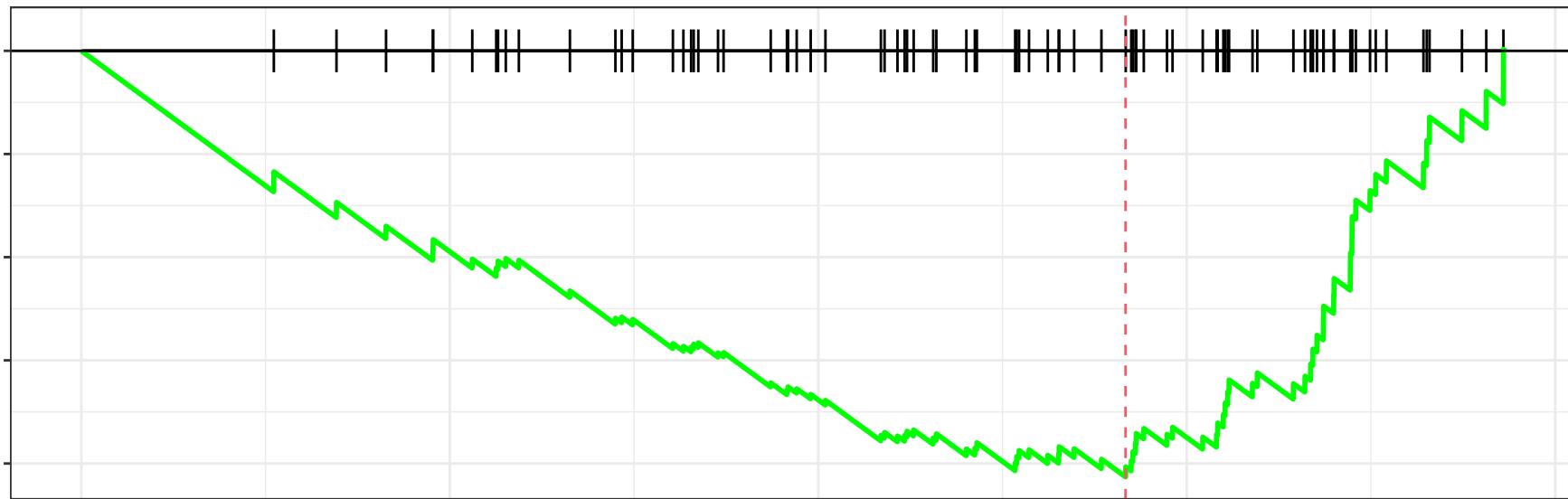
# recombinational repair

Ranked List Metric

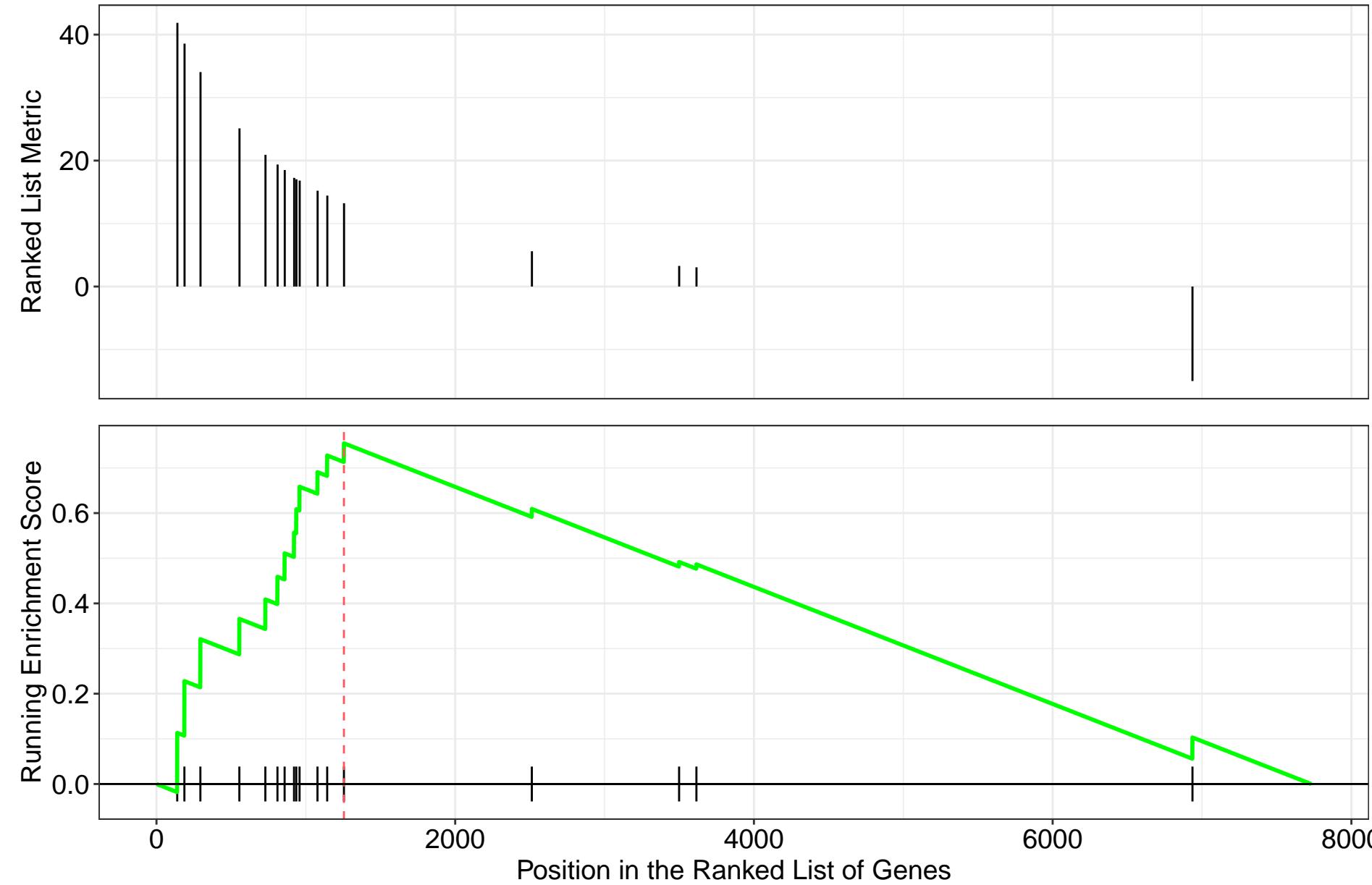


Running Enrichment Score

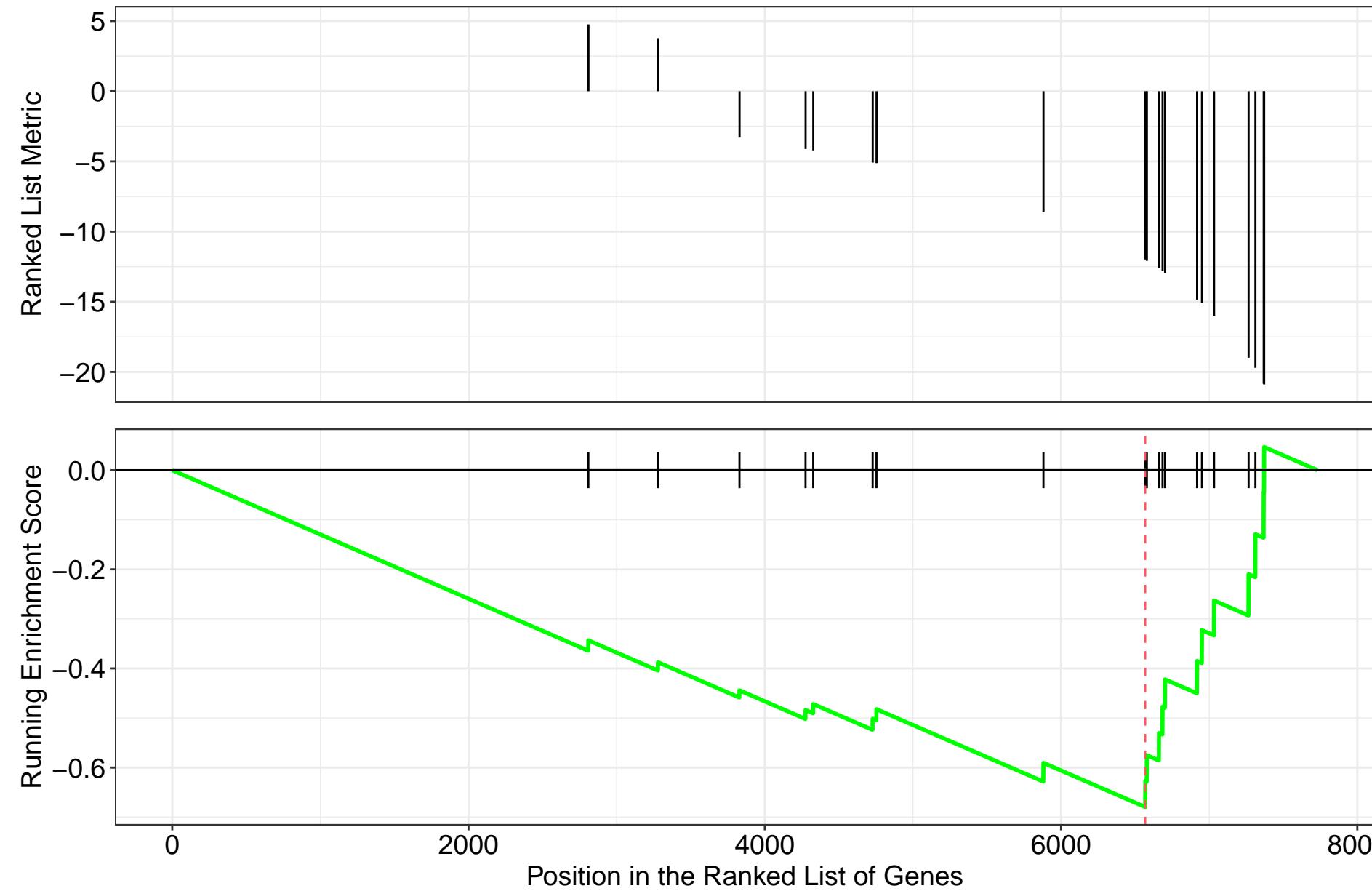
Position in the Ranked List of Genes



# interferon–gamma–mediated signaling pathway

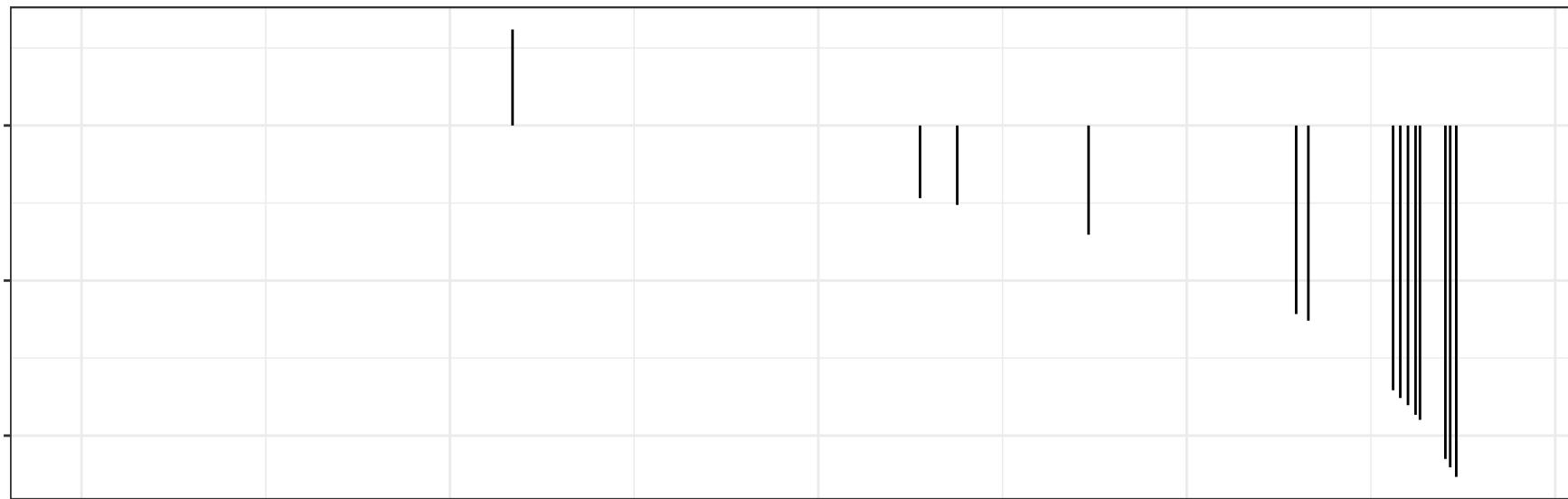


# positive regulation of cell cycle G2/M phase transition



# regulation of attachment of spindle microtubules to kinetochore

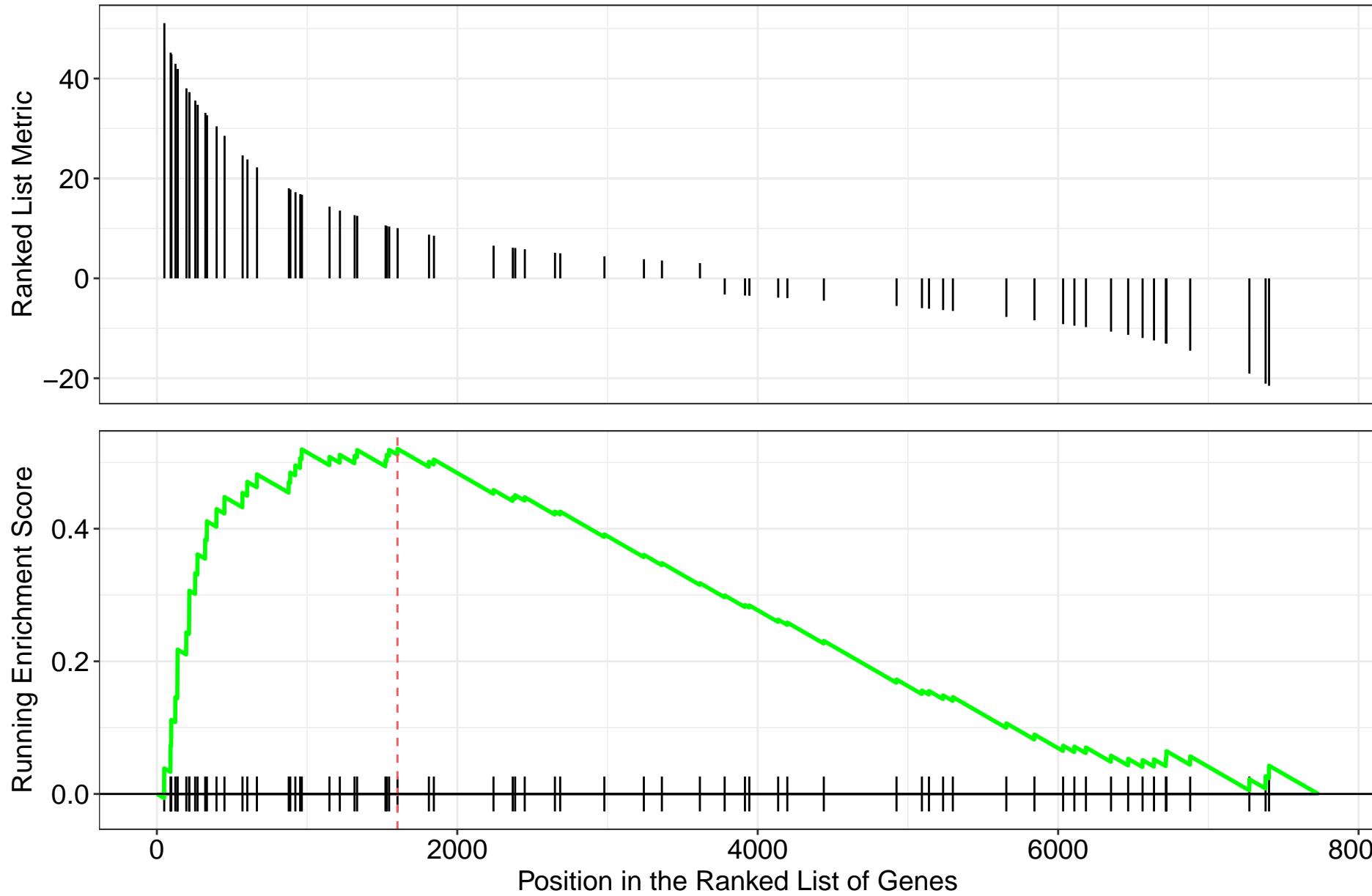
Ranked List Metric



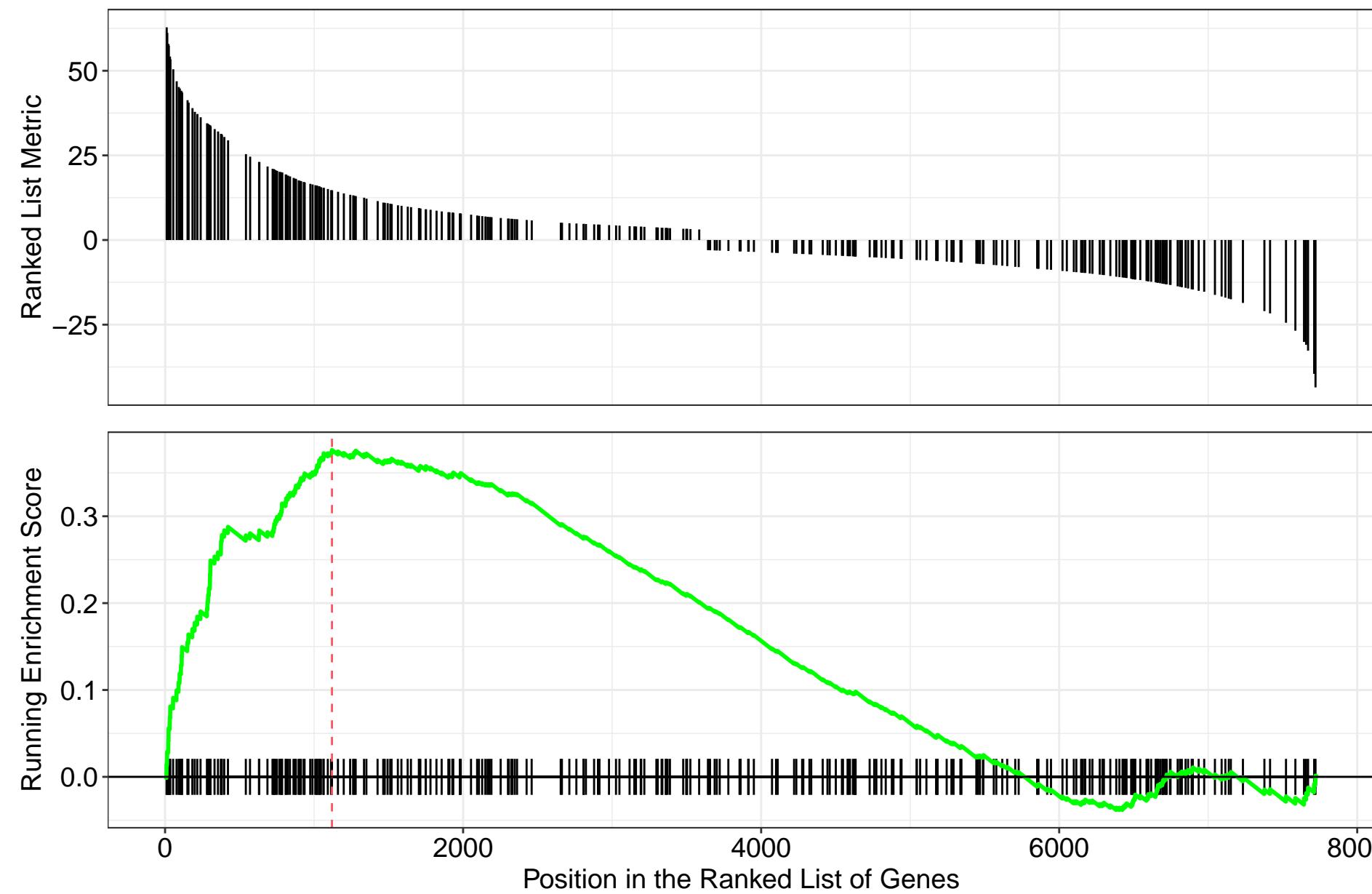
Running Enrichment Score



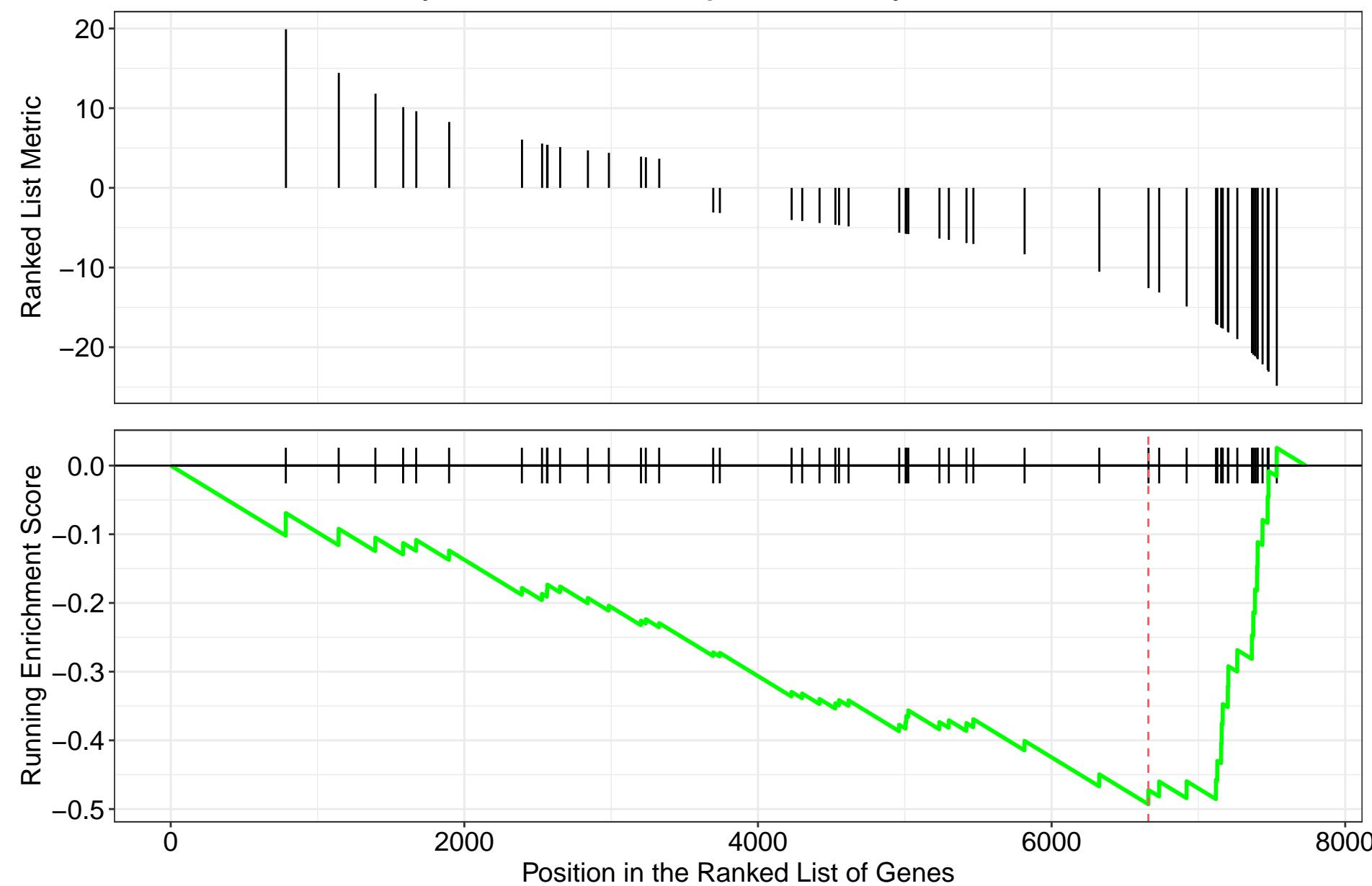
# negative regulation of endopeptidase activity



# response to organic cyclic compound

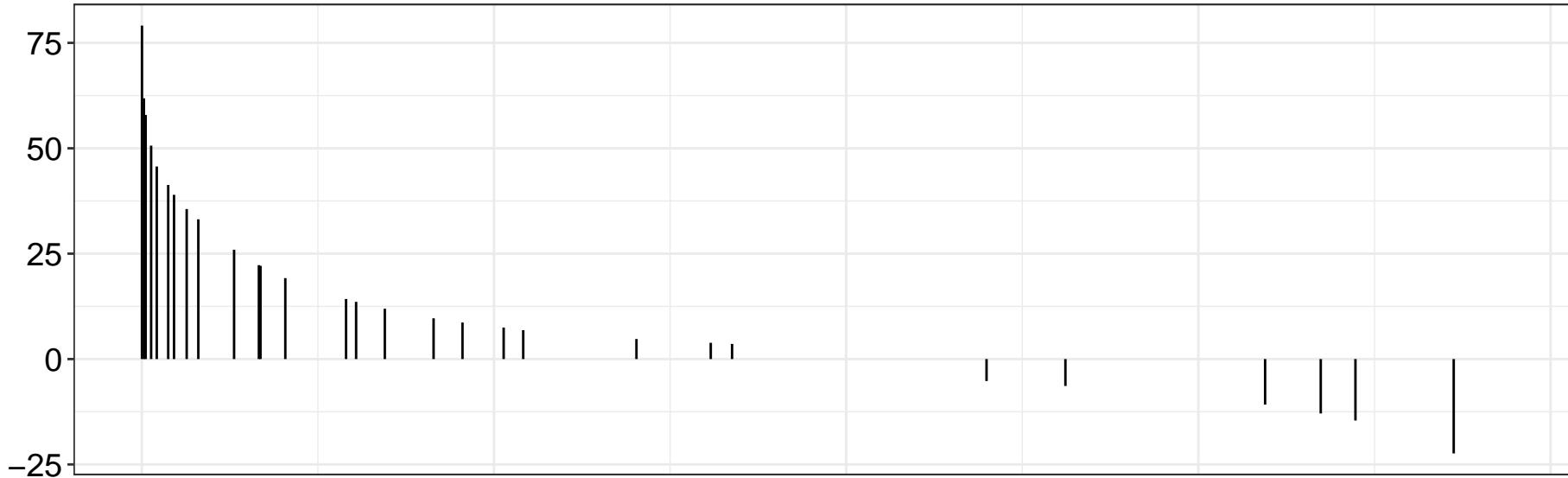


# cytoskeleton–dependent cytokinesis



# monocyte chemotaxis

Ranked List Metric

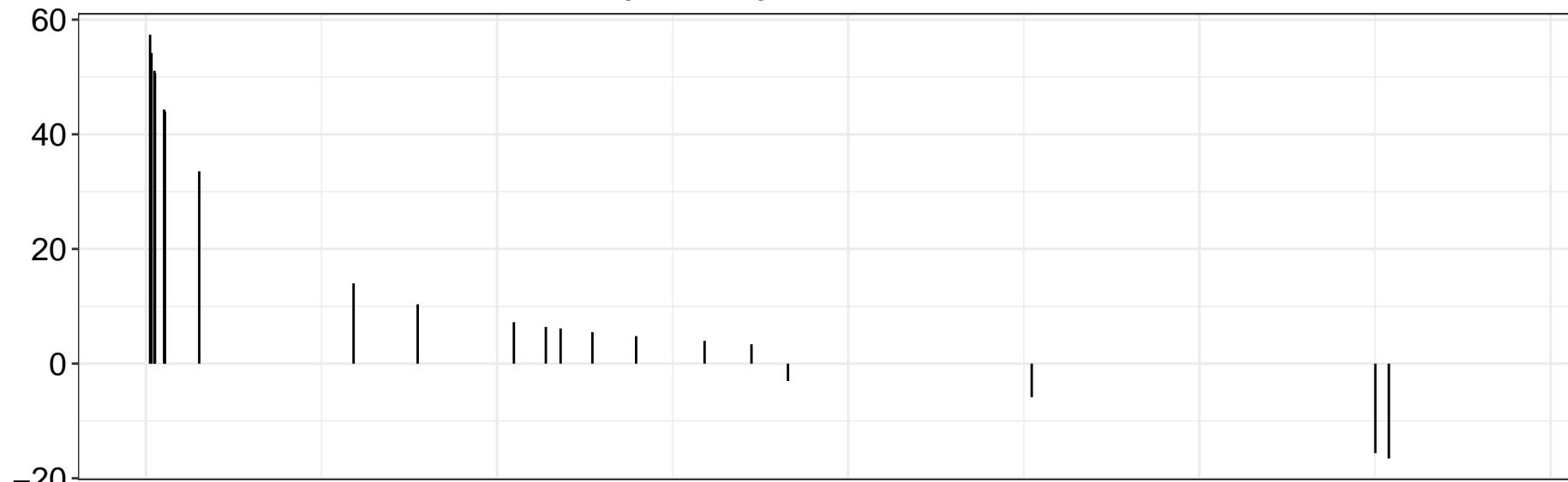


Running Enrichment Score



# lipid export from cell

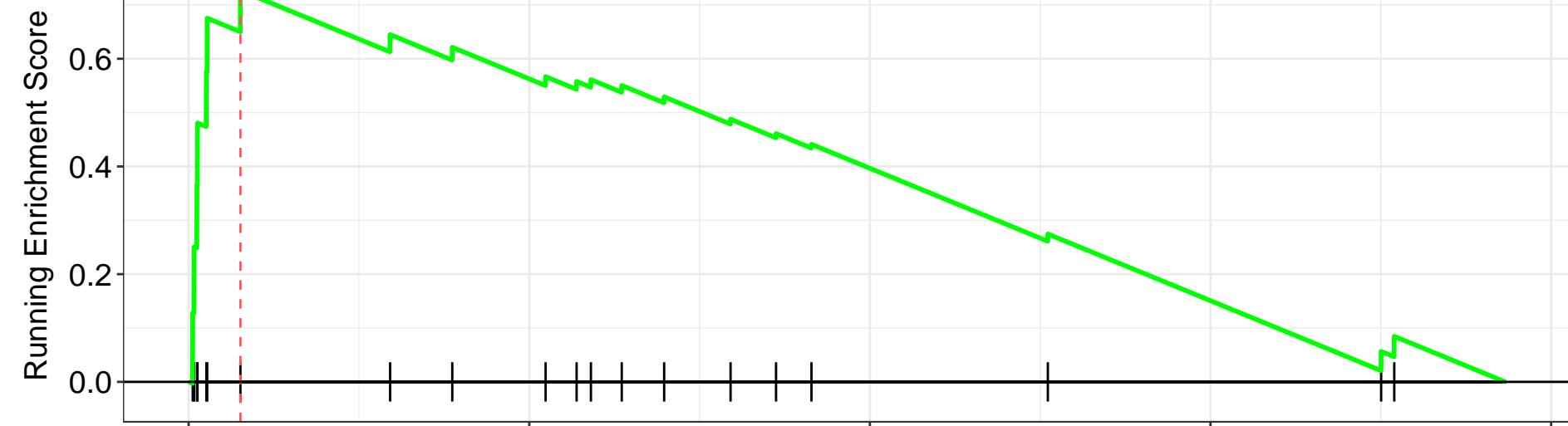
Ranked List Metric



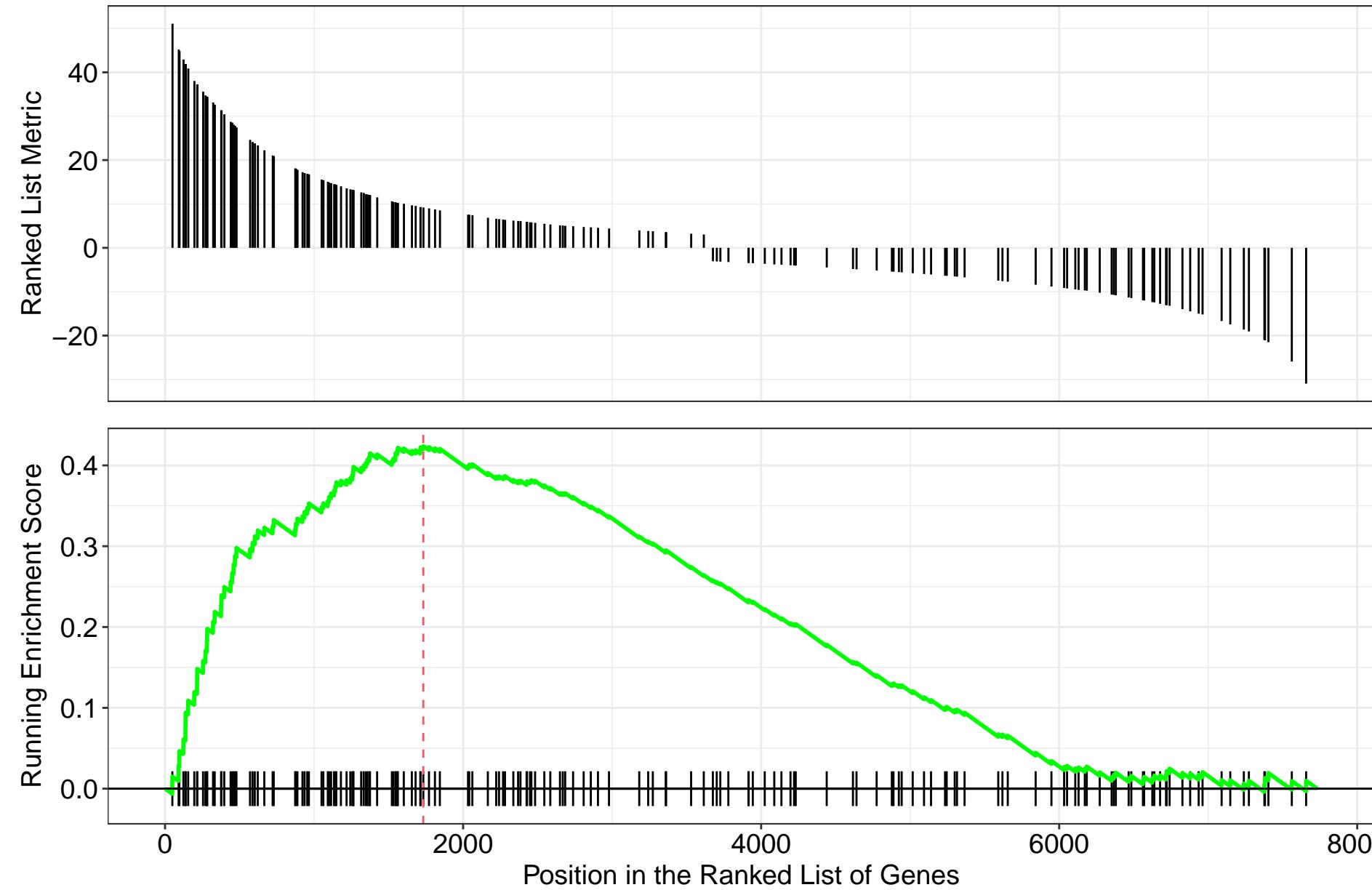
Running Enrichment Score

Position in the Ranked List of Genes

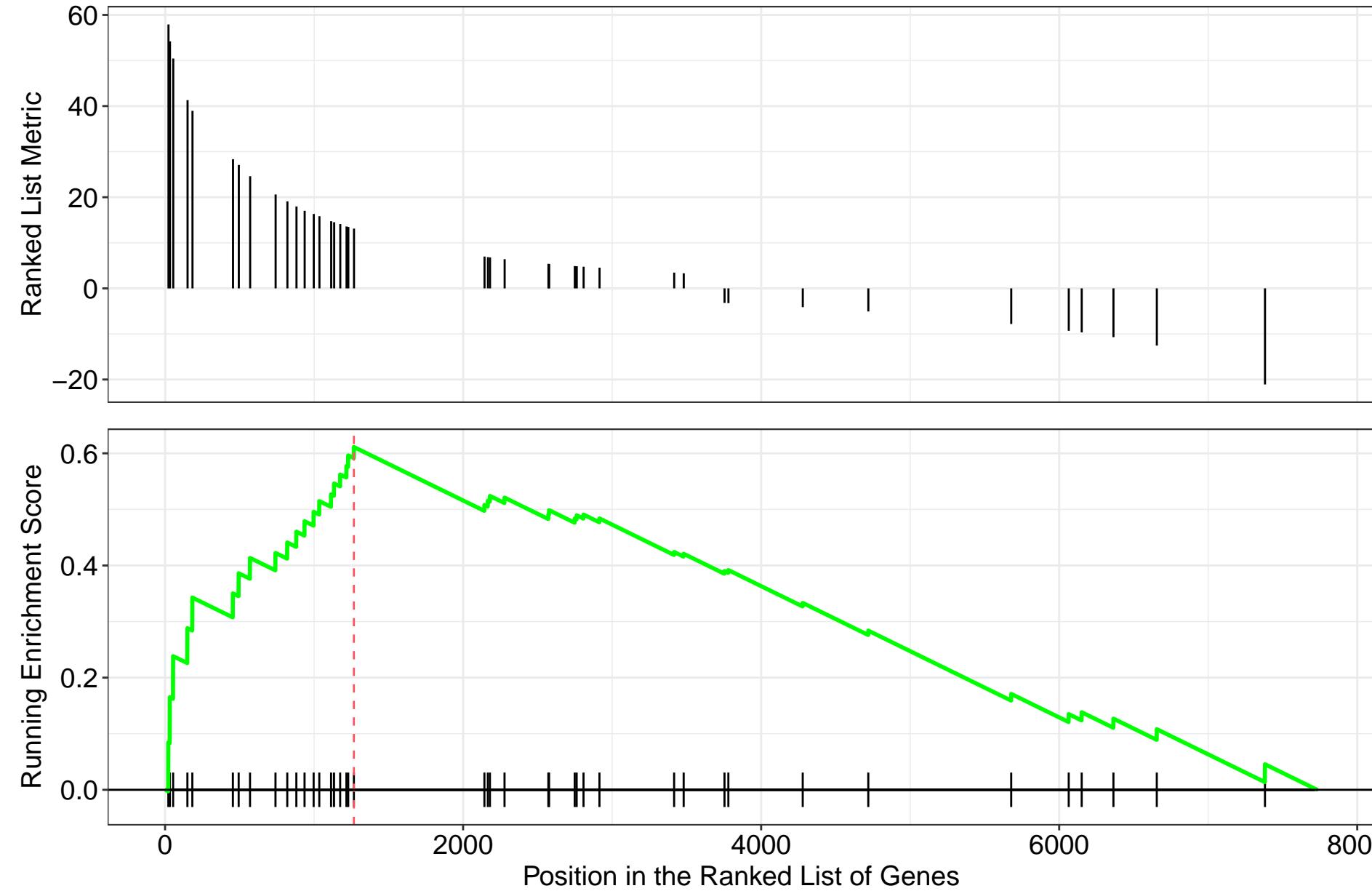
Position in the Ranked List of Genes



# regulation of peptidase activity

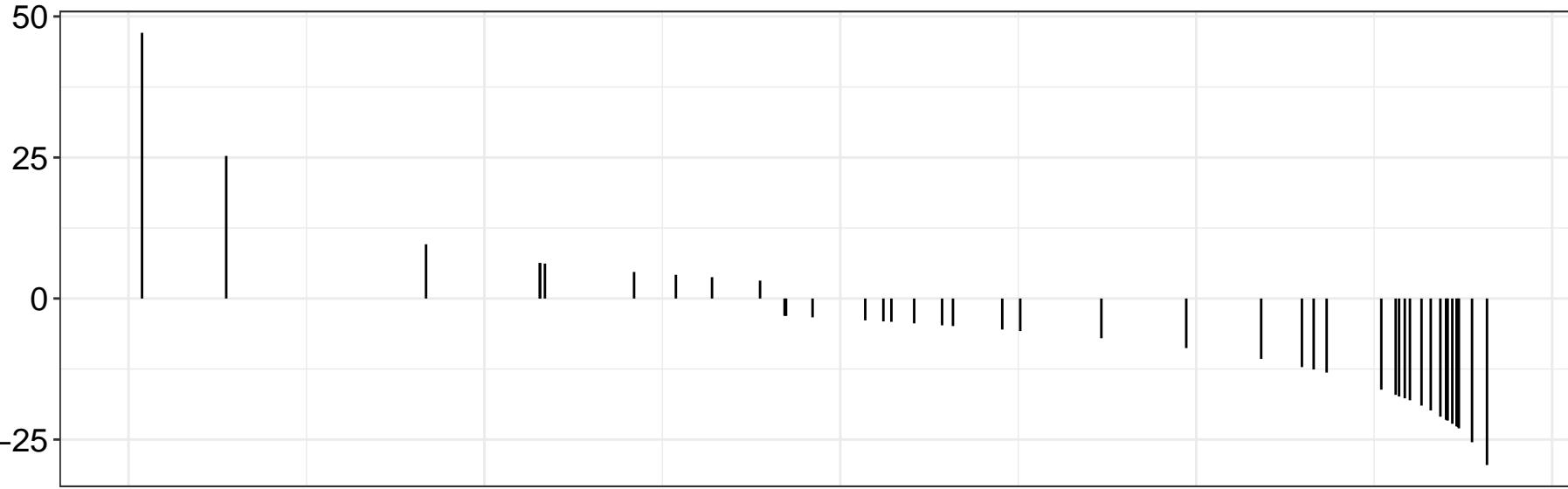


# lipopolysaccharide-mediated signaling pathway

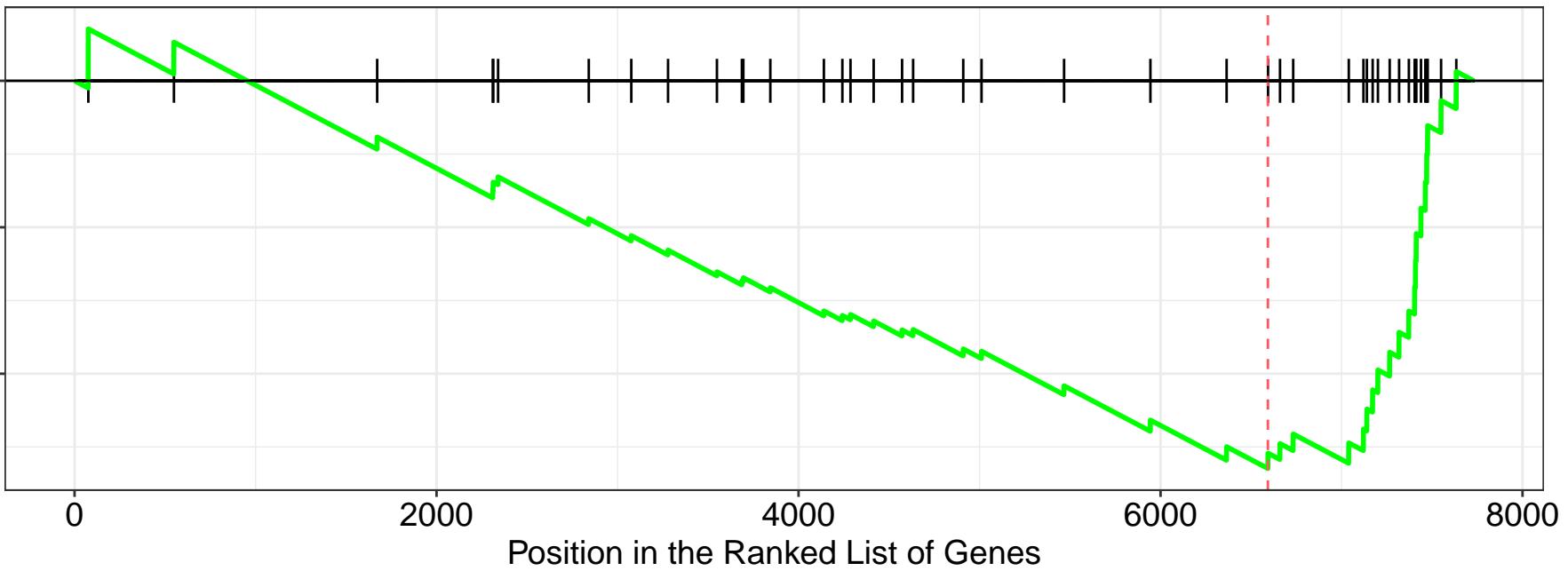


# establishment of chromosome localization

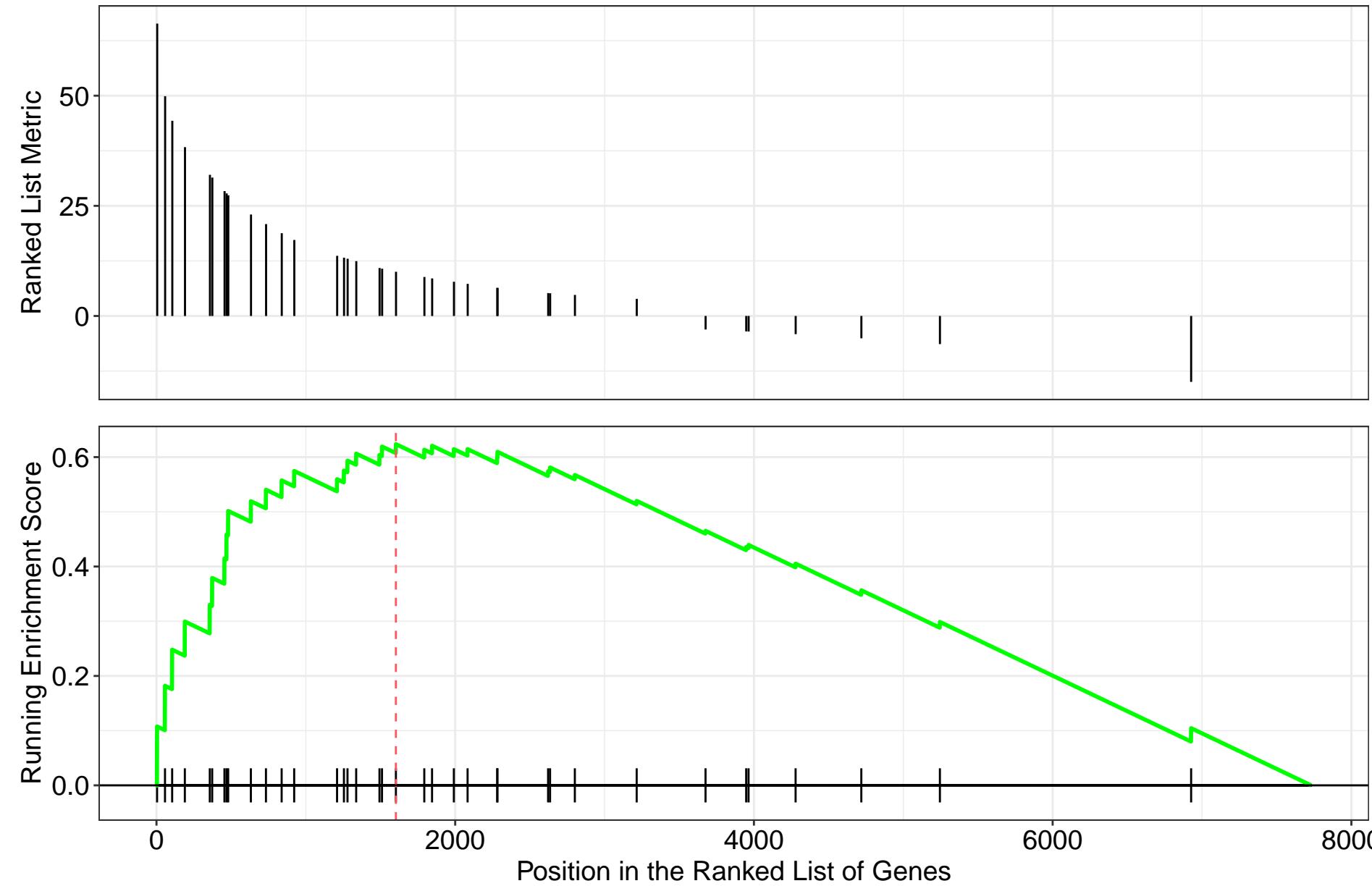
Ranked List Metric



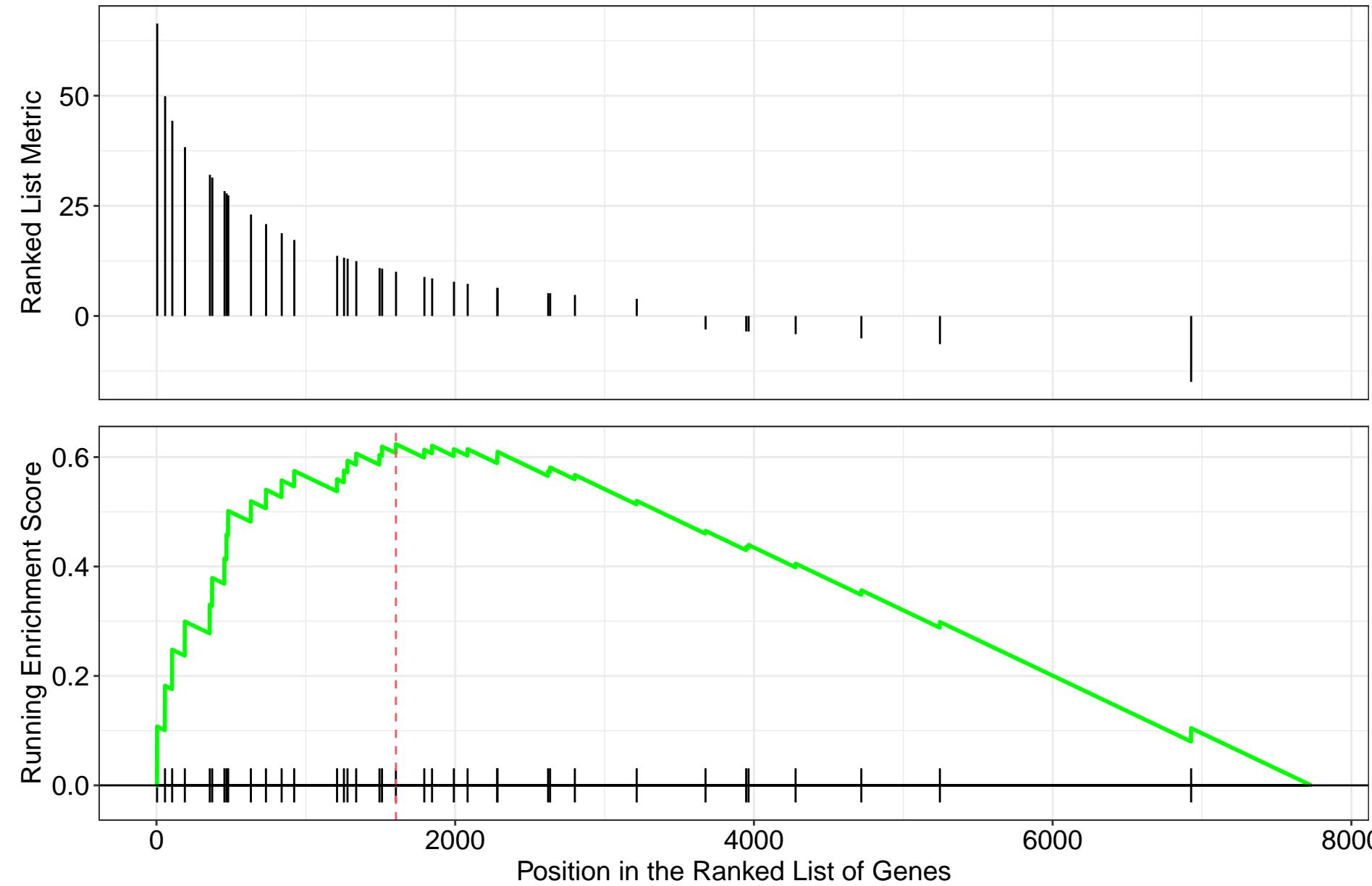
Running Enrichment Score



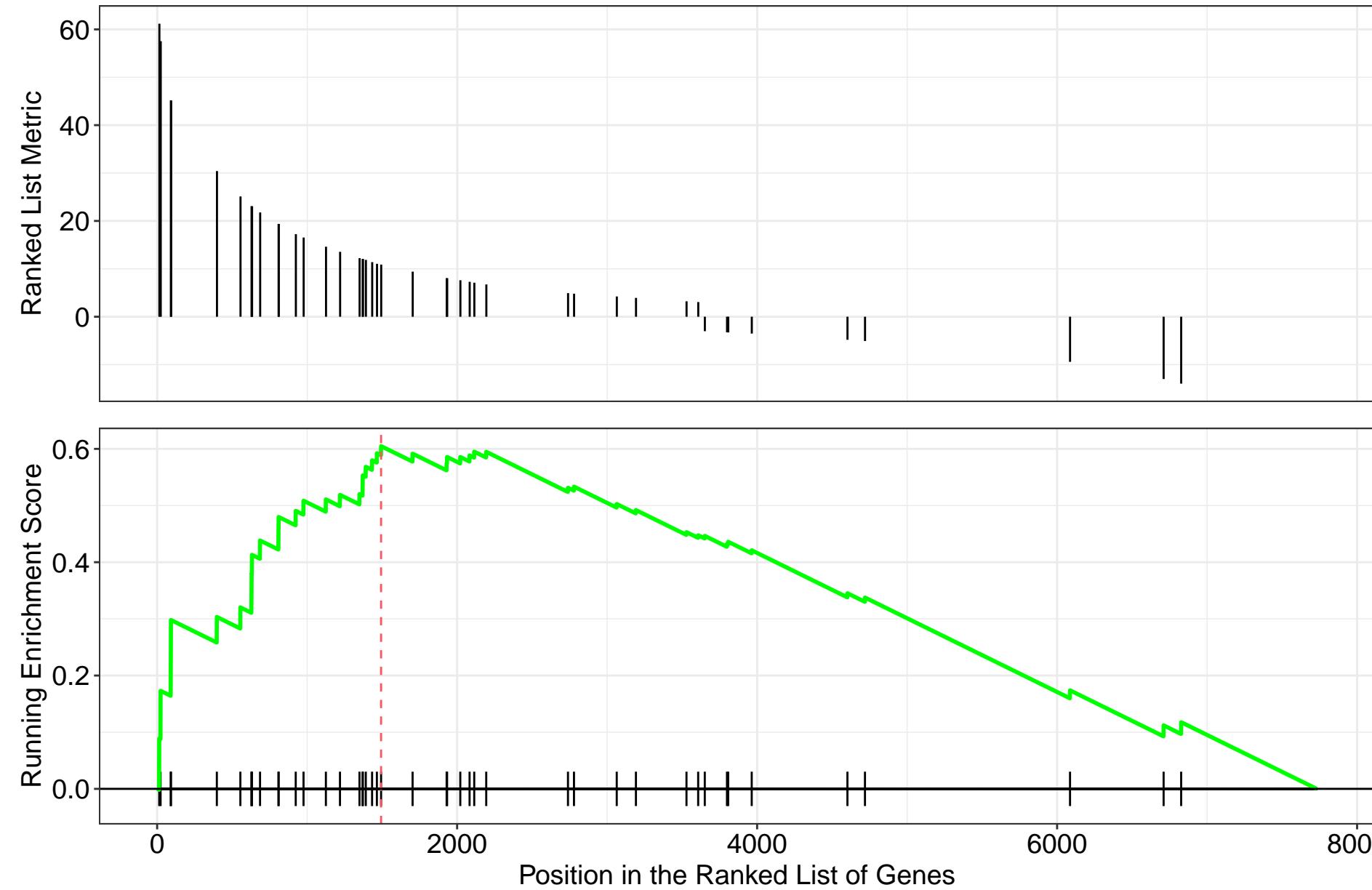
# interleukin–12 production



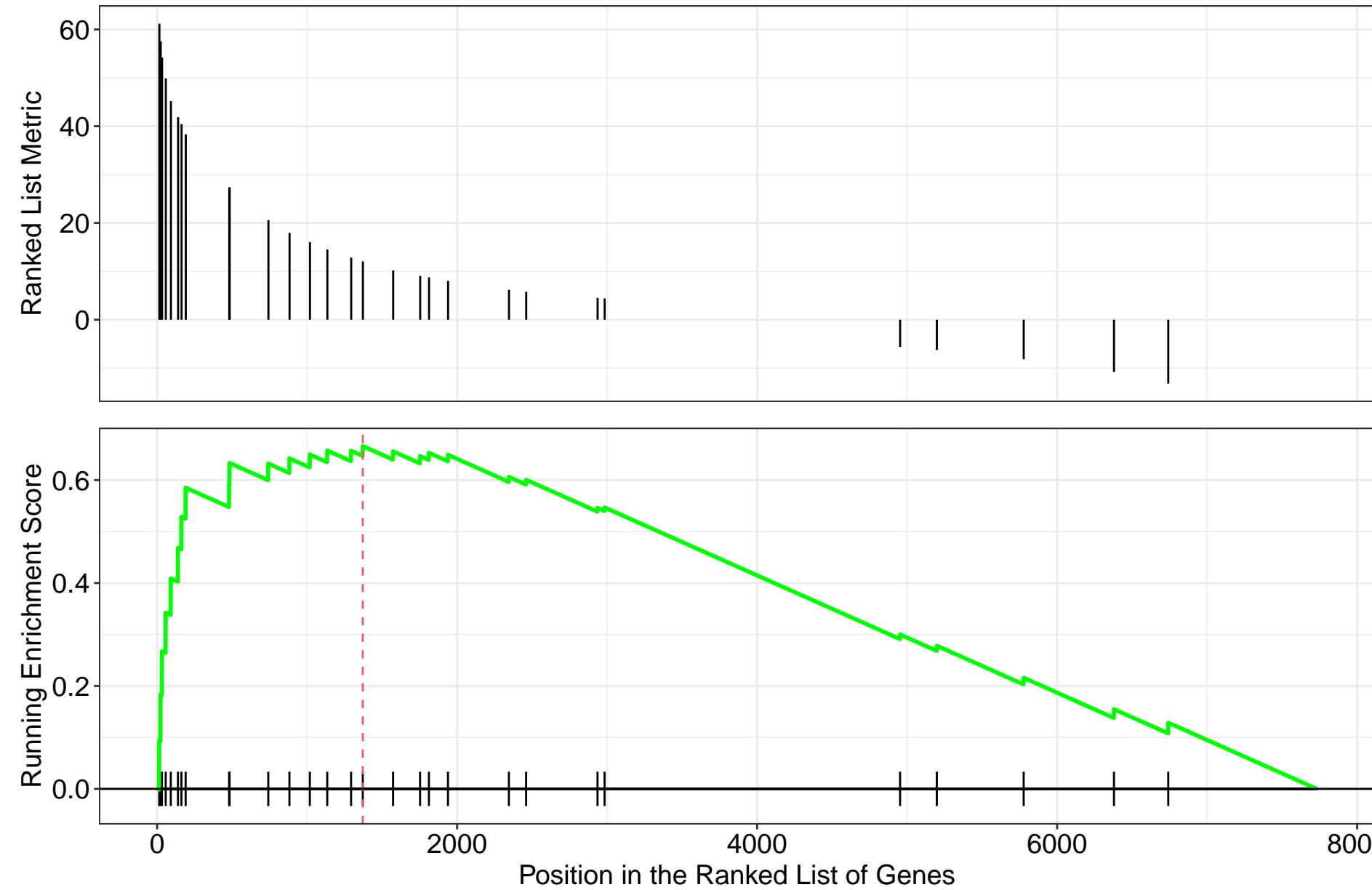
# regulation of interleukin-12 production



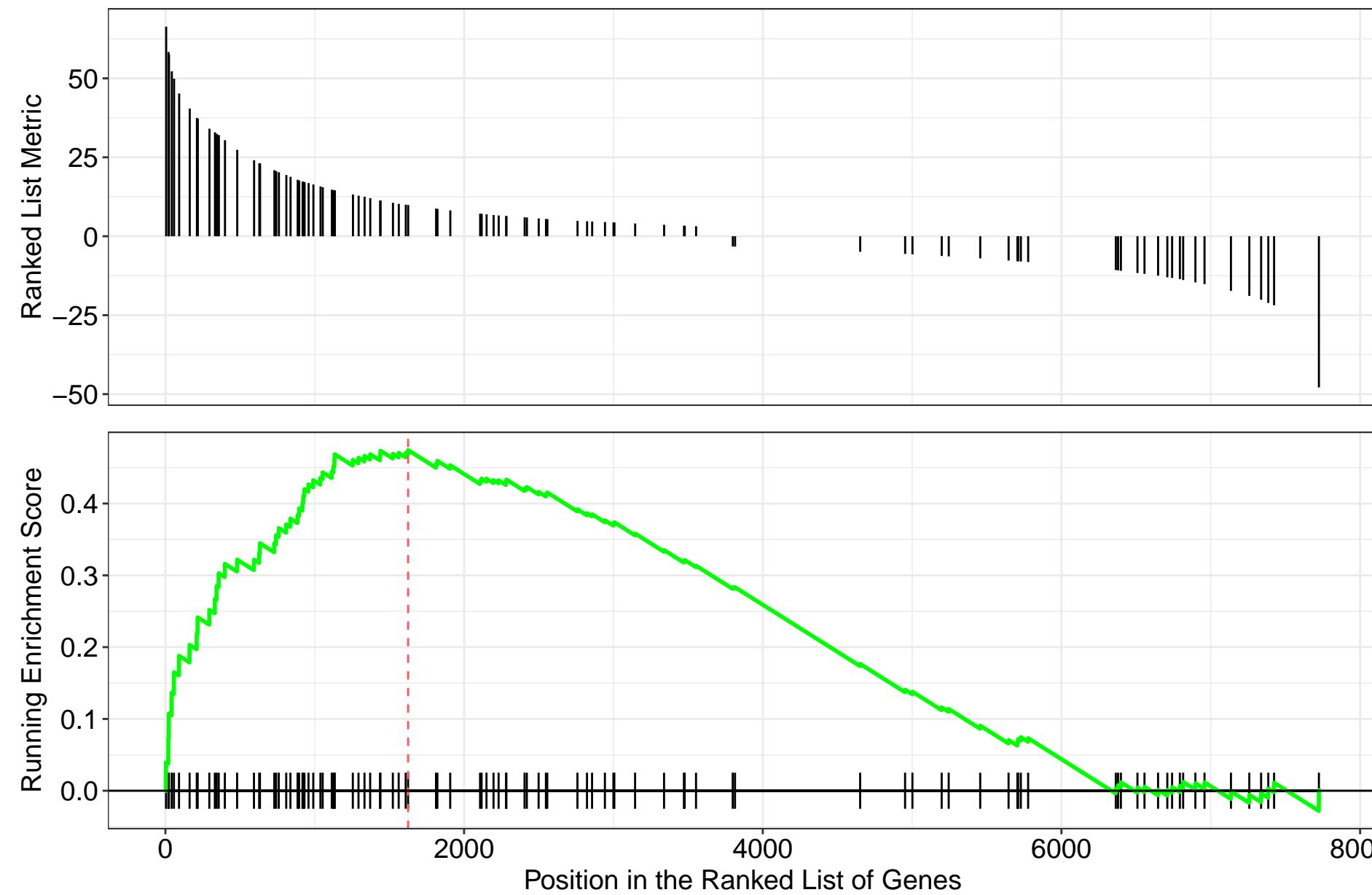
# cellular response to virus



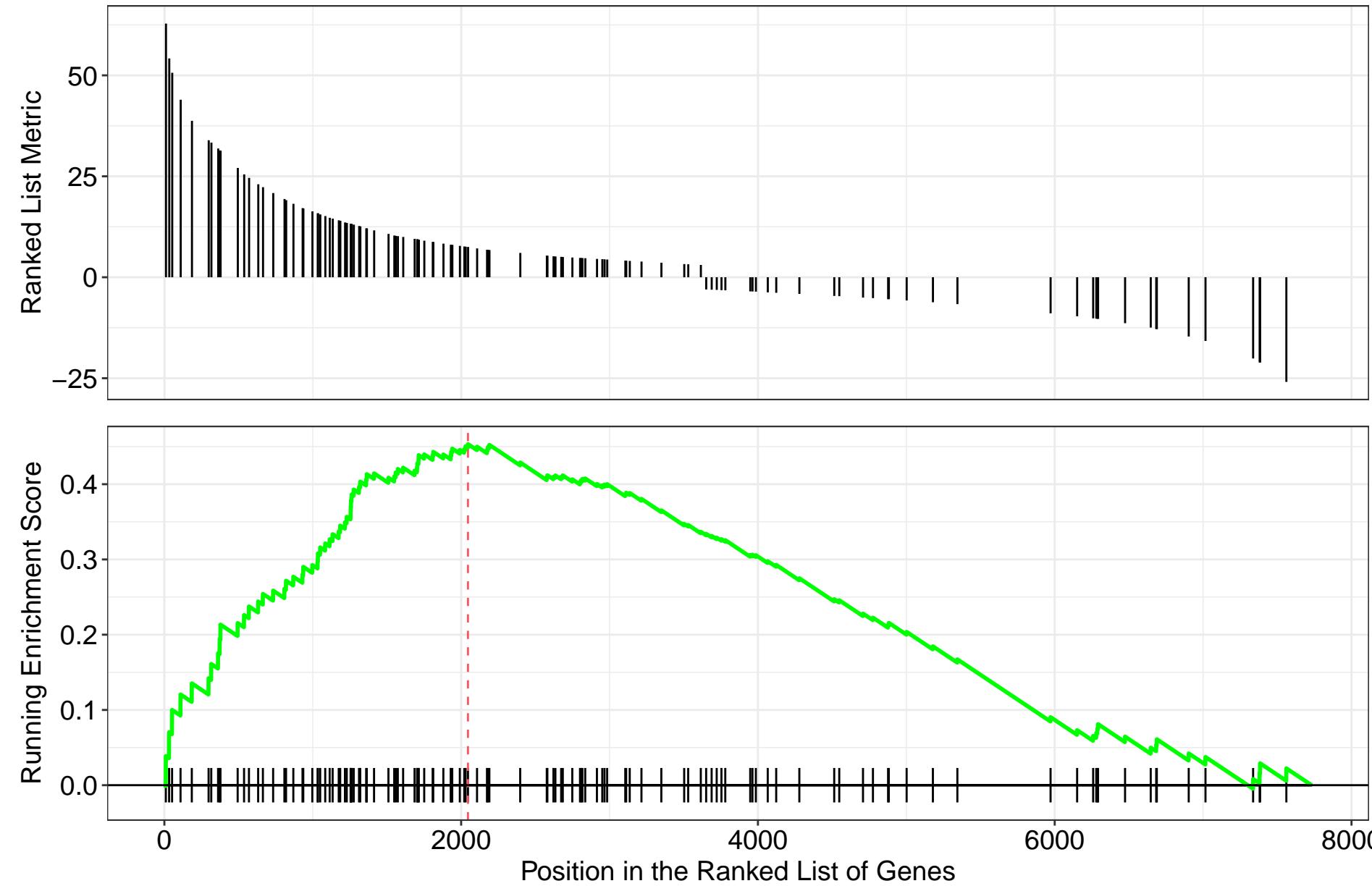
# T cell cytokine production



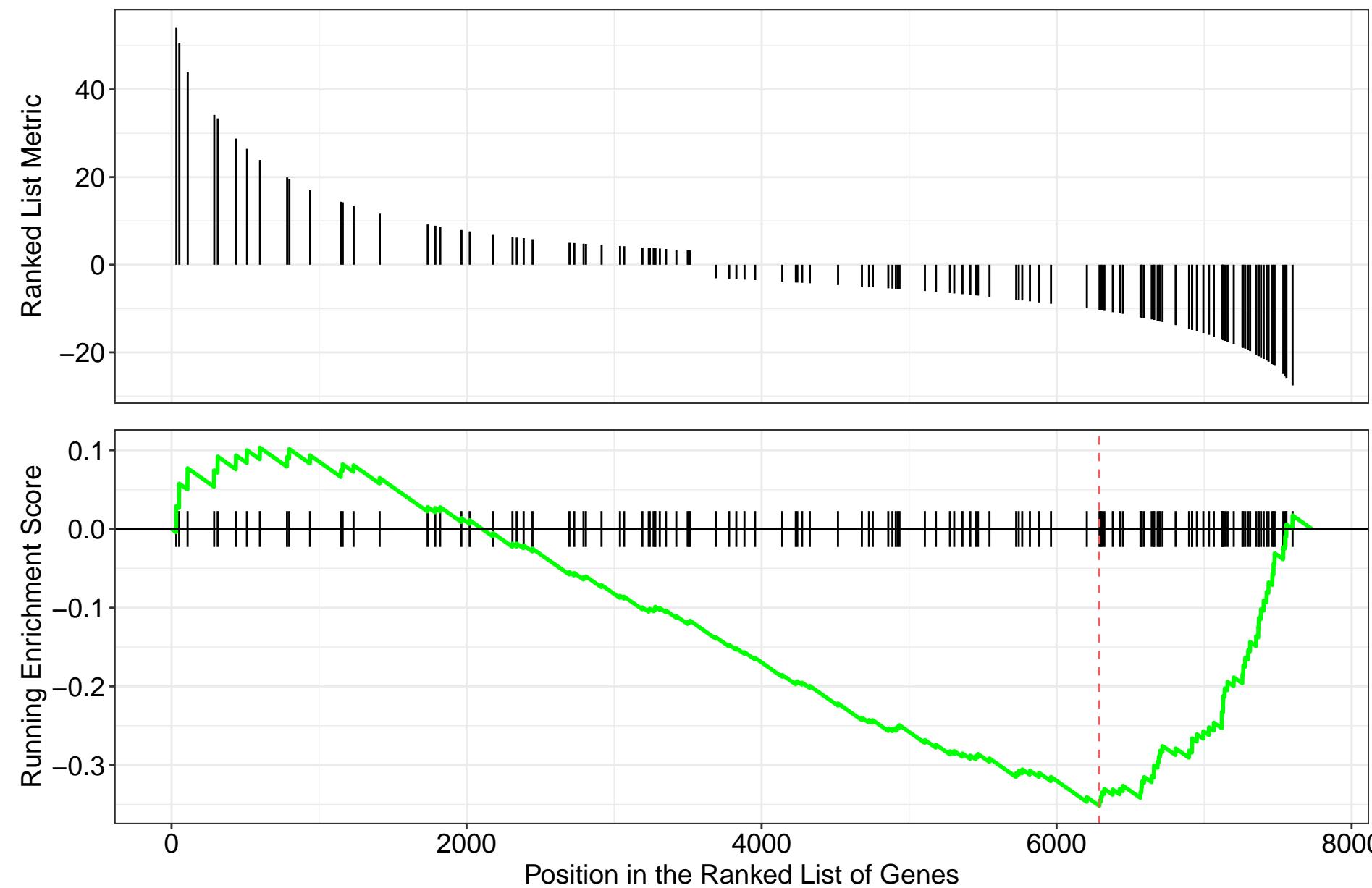
# alpha–beta T cell activation



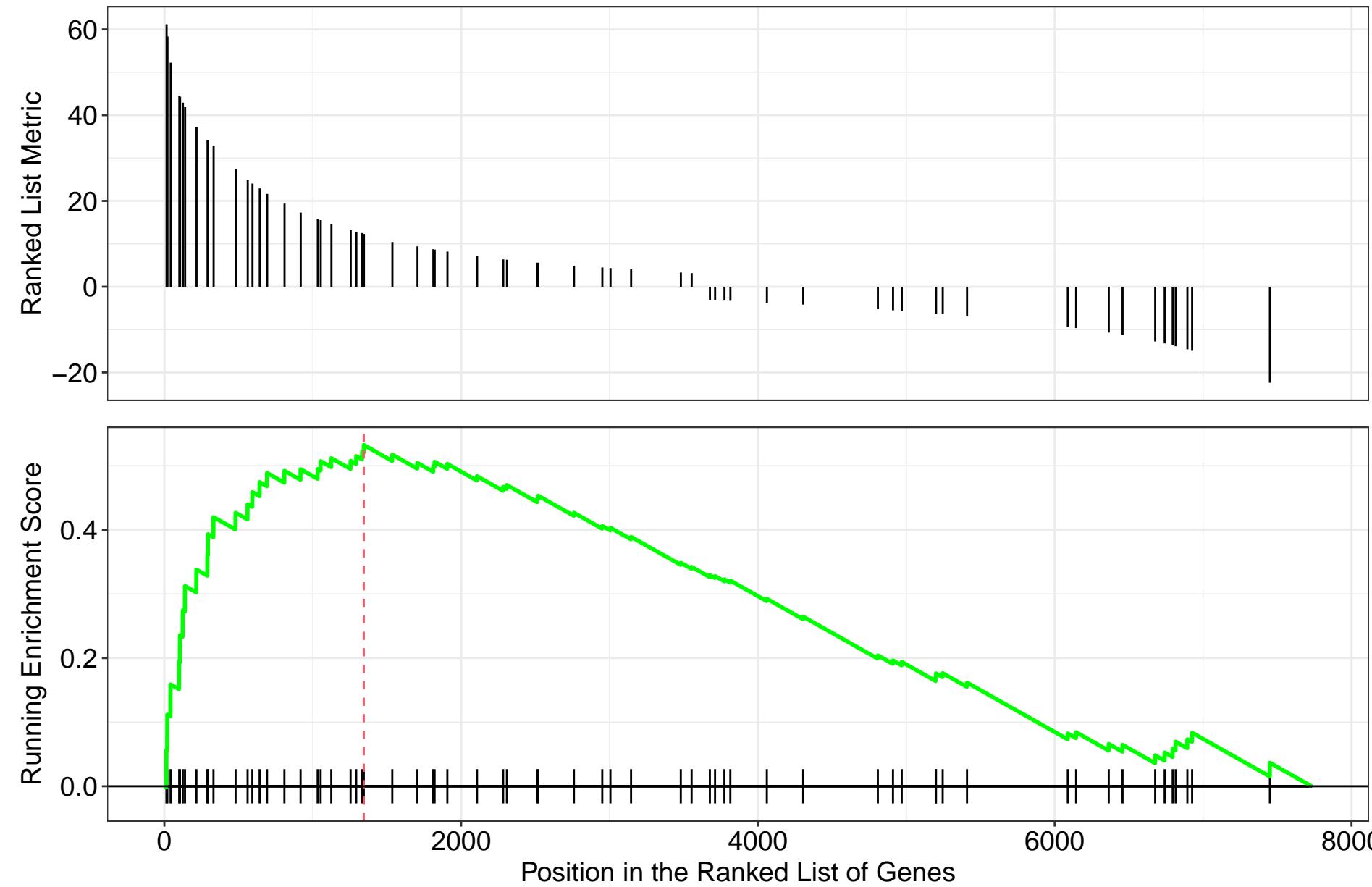
# I-kappaB kinase/NF-kappaB signaling



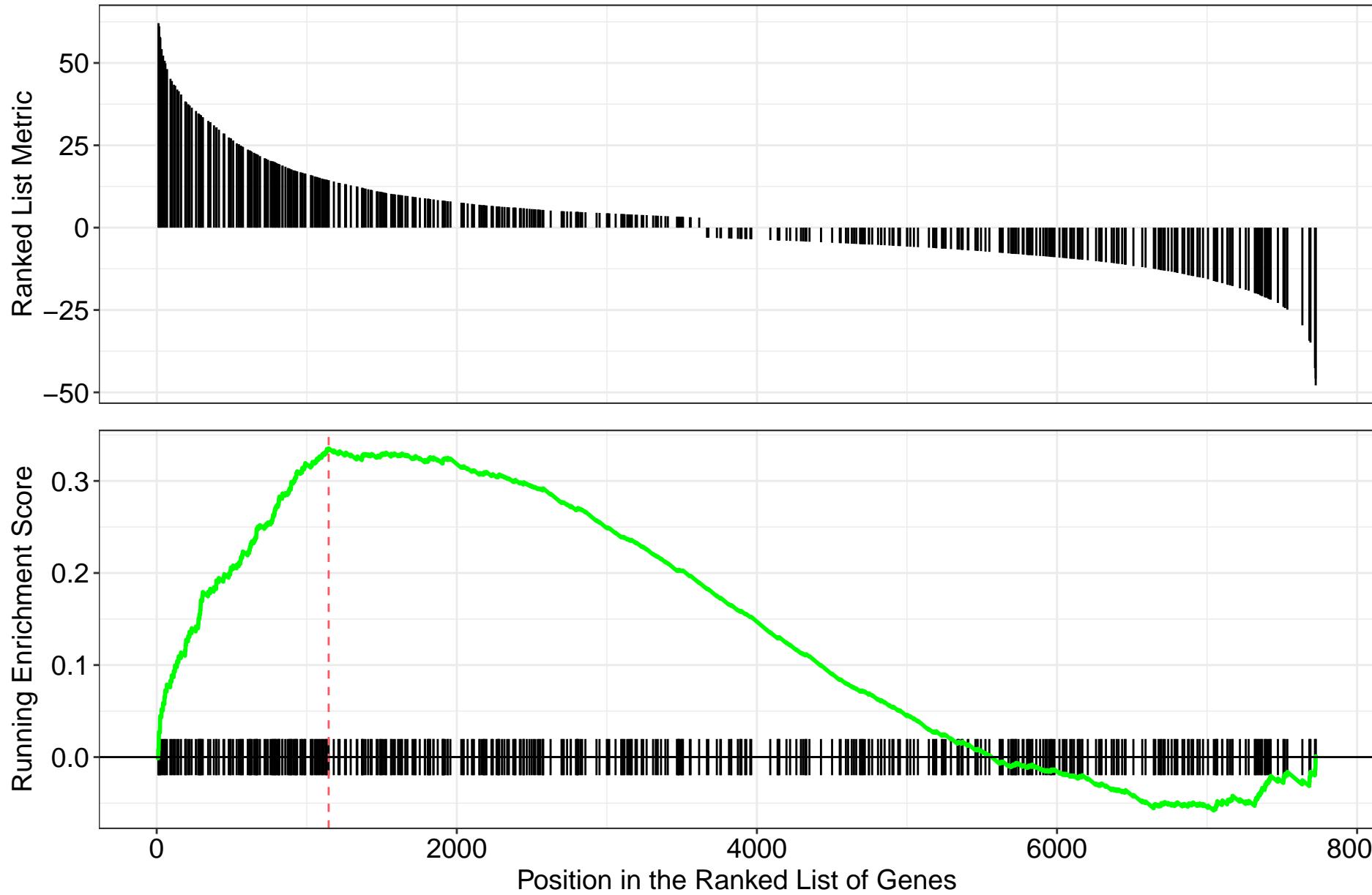
# positive regulation of cell cycle process



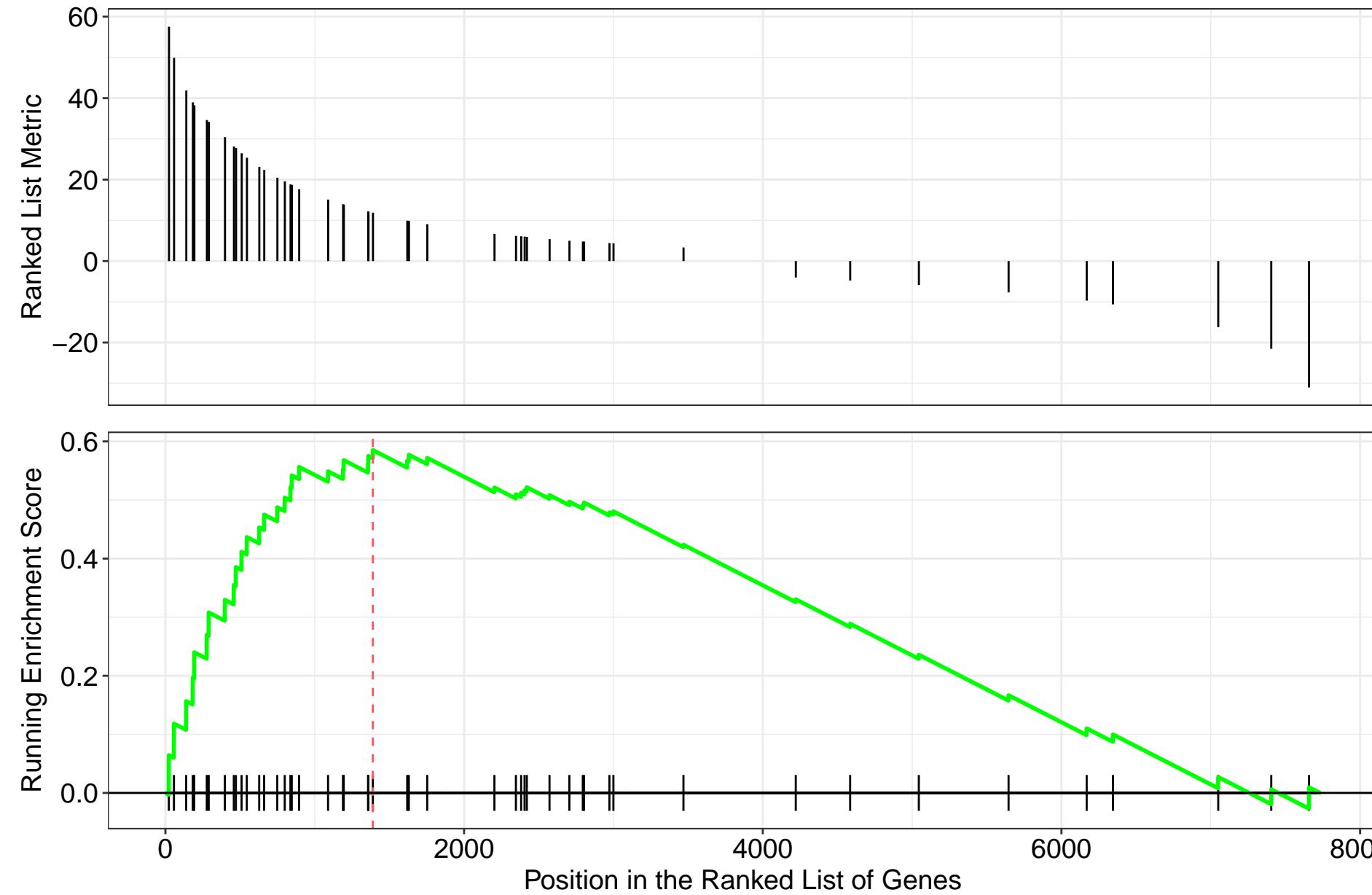
# negative regulation of T cell activation



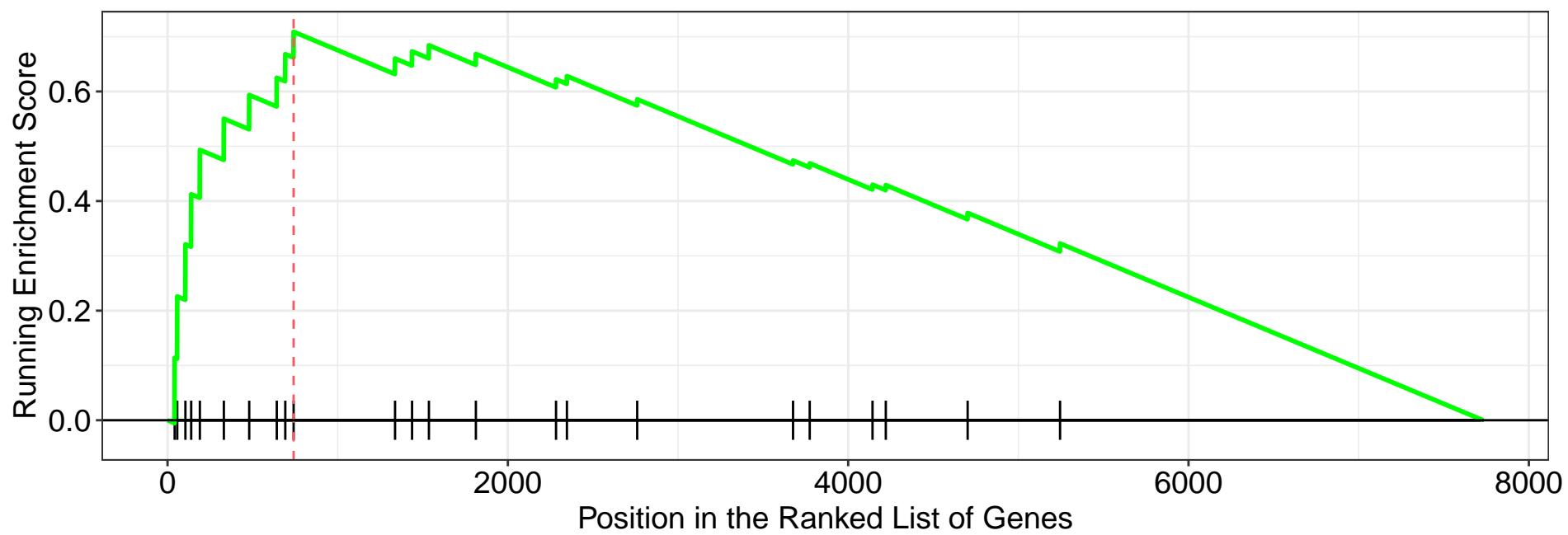
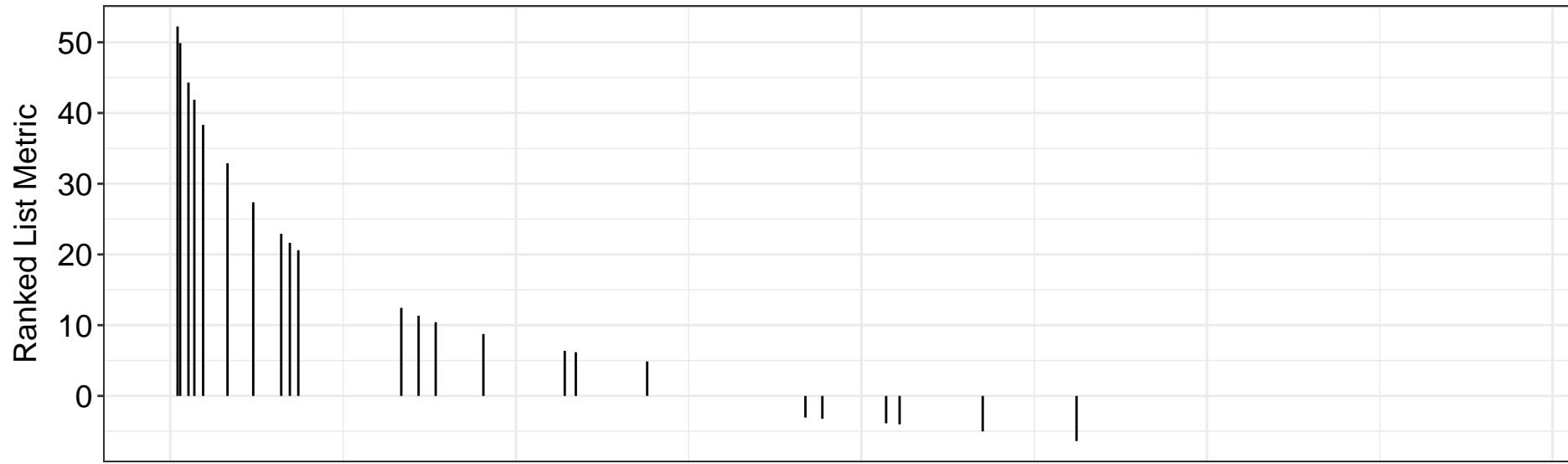
# hematopoietic or lymphoid organ development



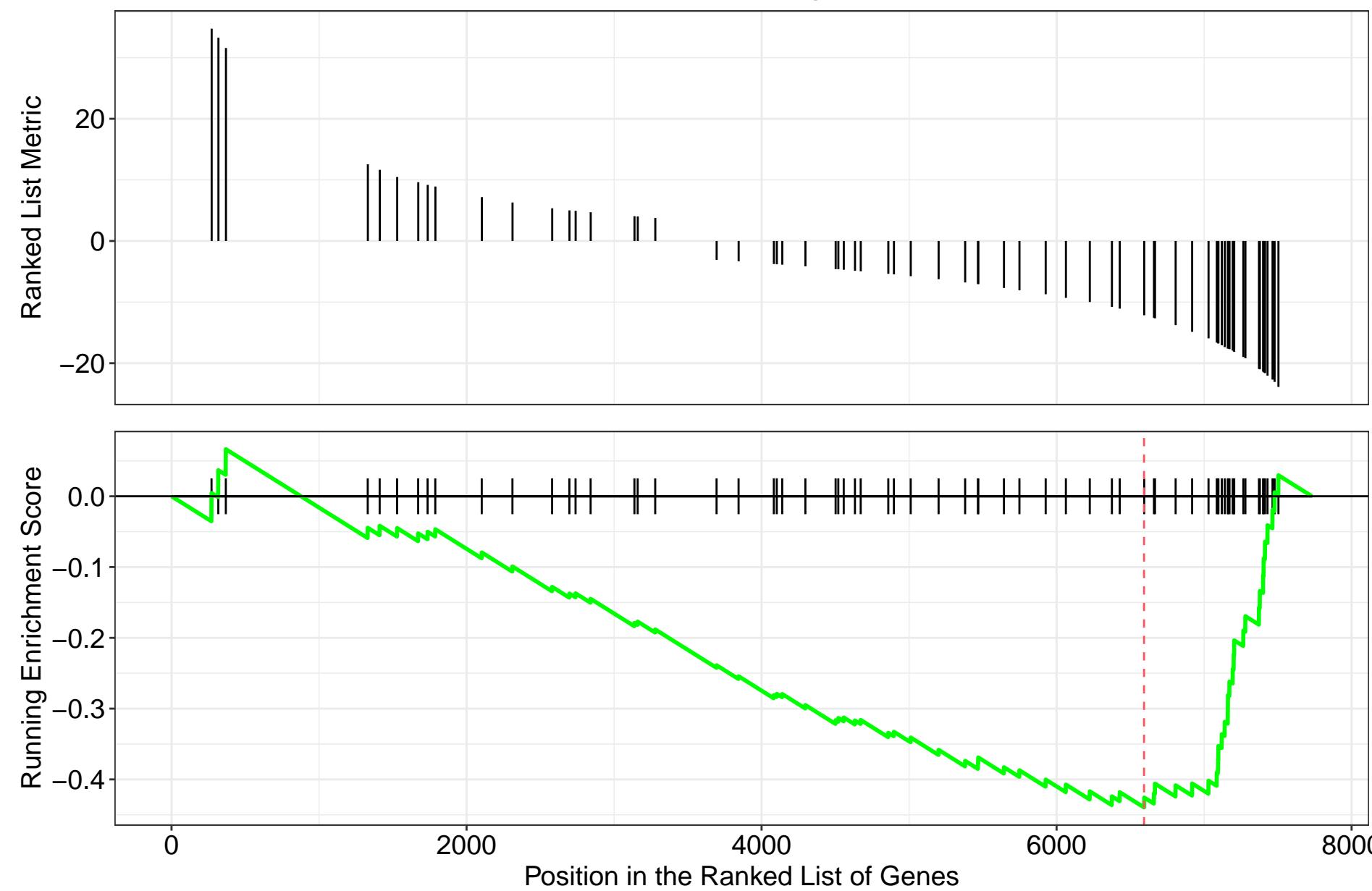
# positive regulation of leukocyte mediated cytotoxicity



# regulation of activated T cell proliferation

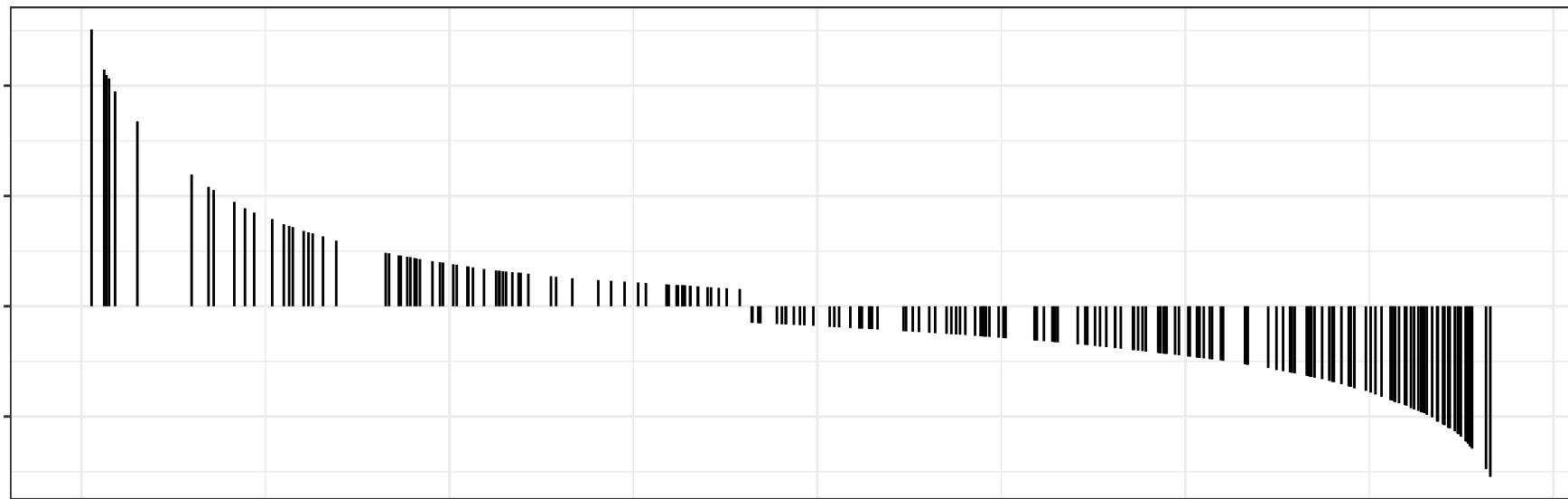


# mitotic spindle organization



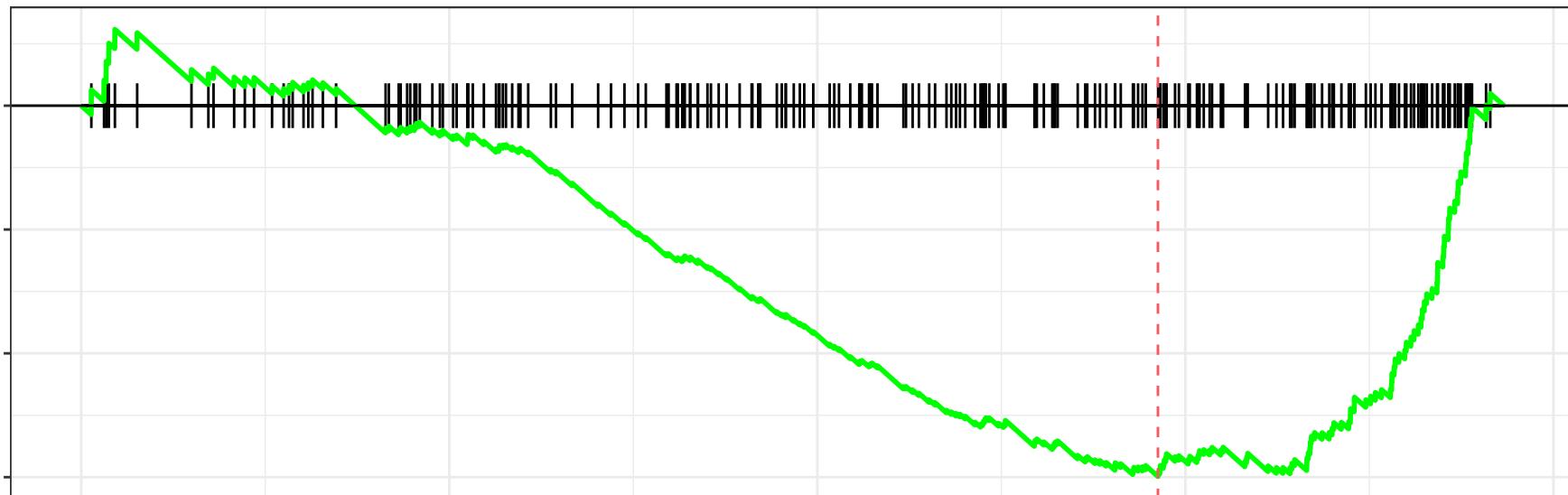
# mitotic cell cycle phase transition

Ranked List Metric

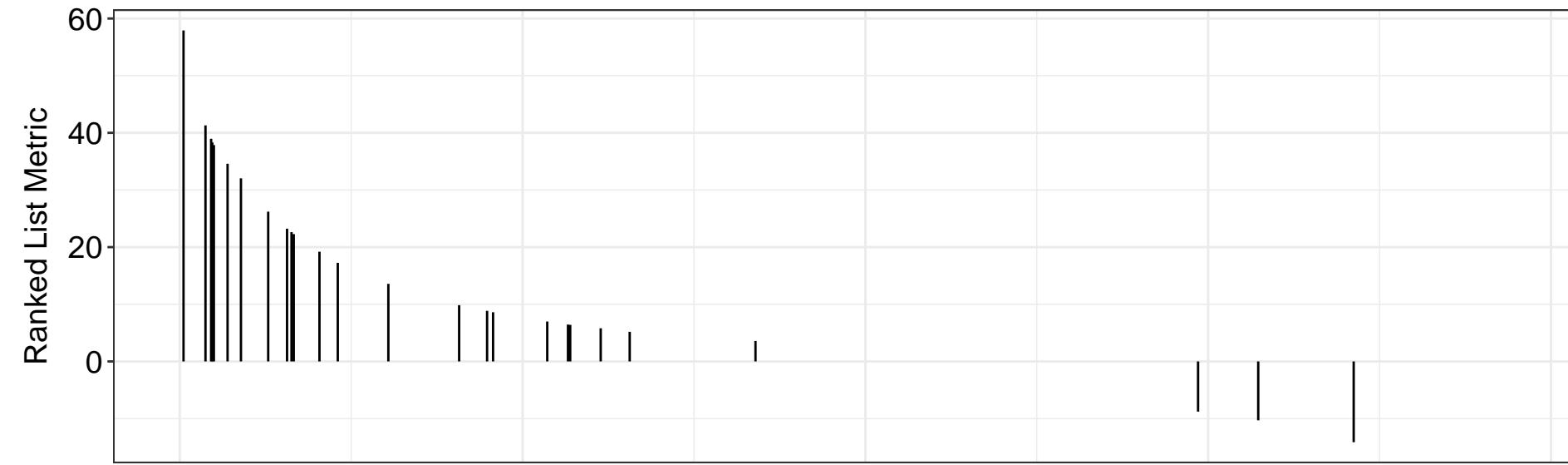


Running Enrichment Score

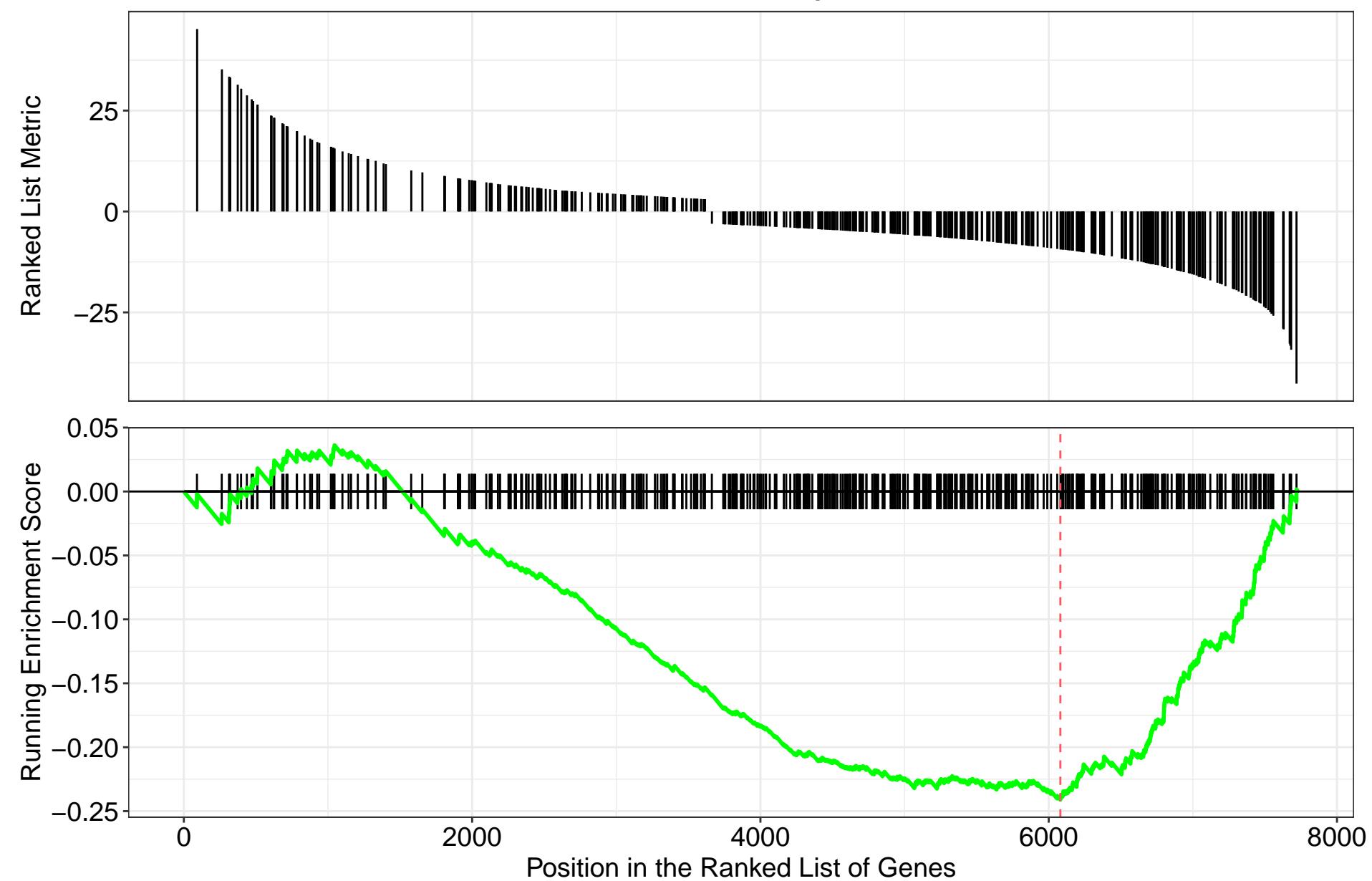
Position in the Ranked List of Genes



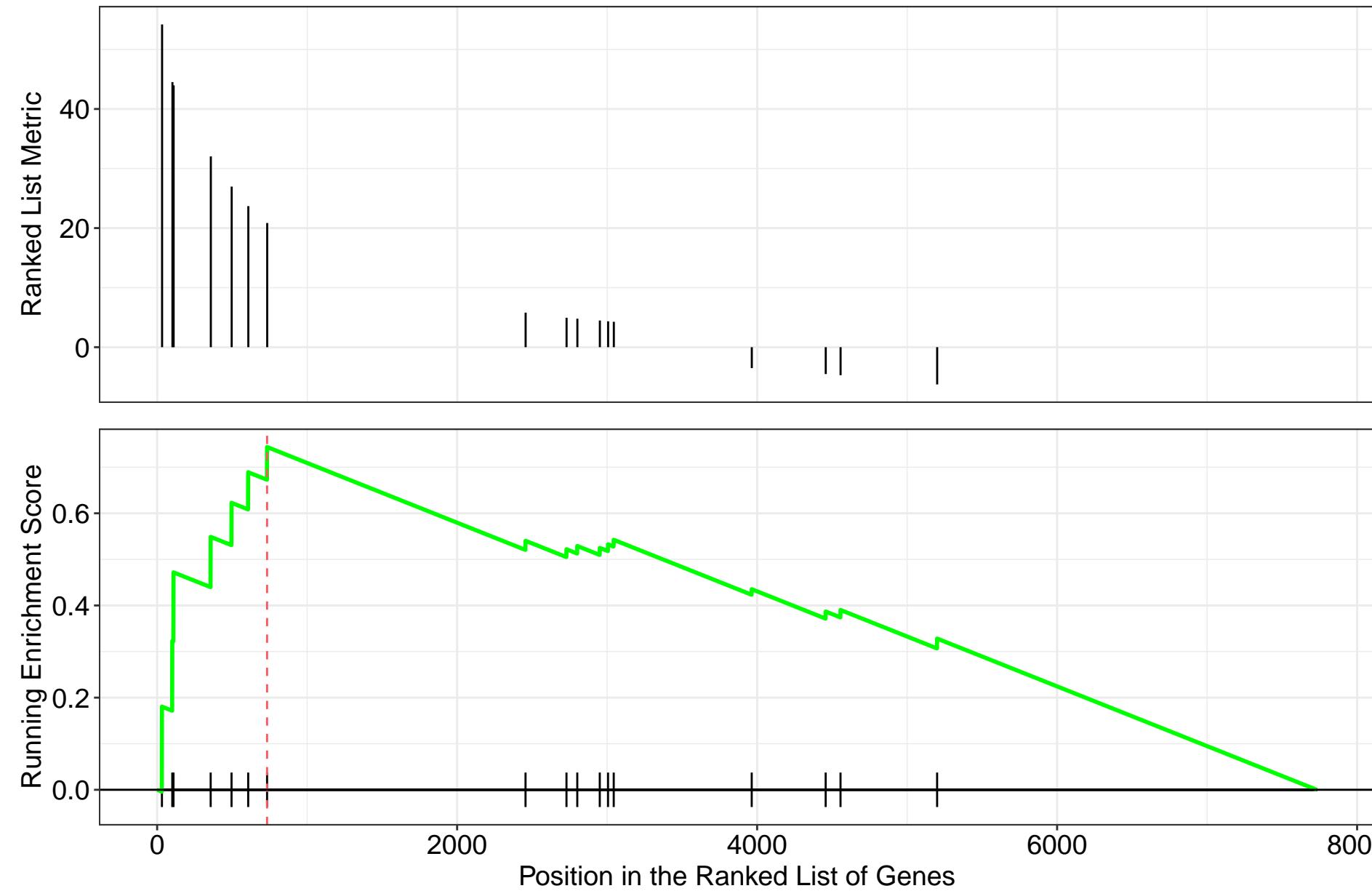
# macrophage chemotaxis



# DNA metabolic process

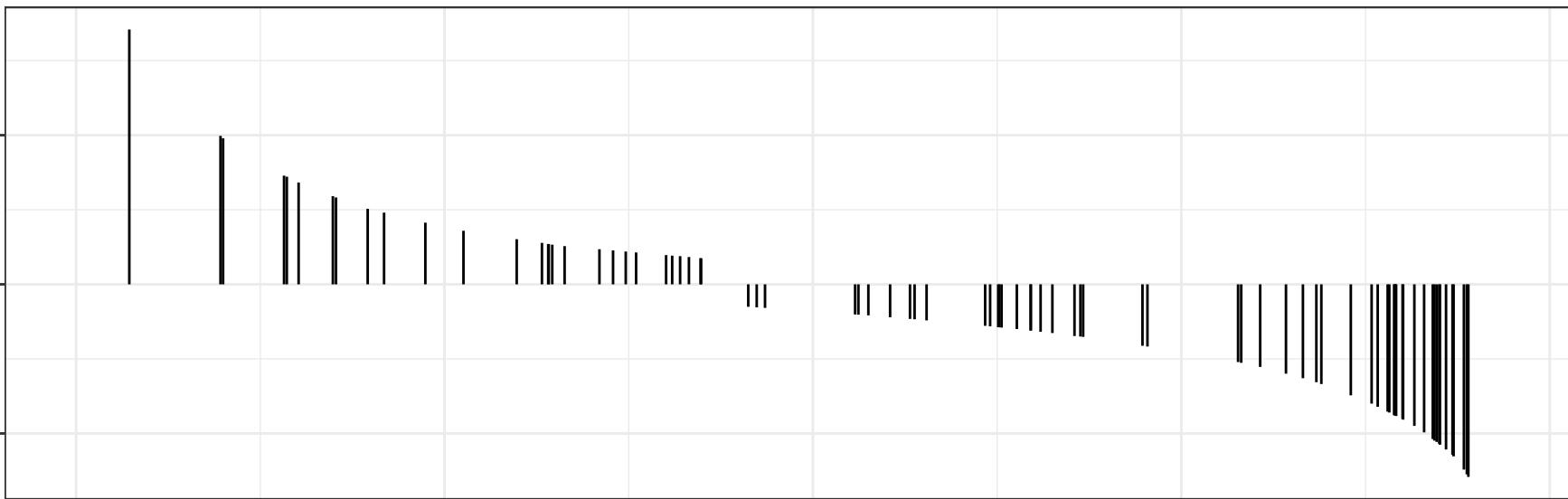


# regulation of neutrophil chemotaxis



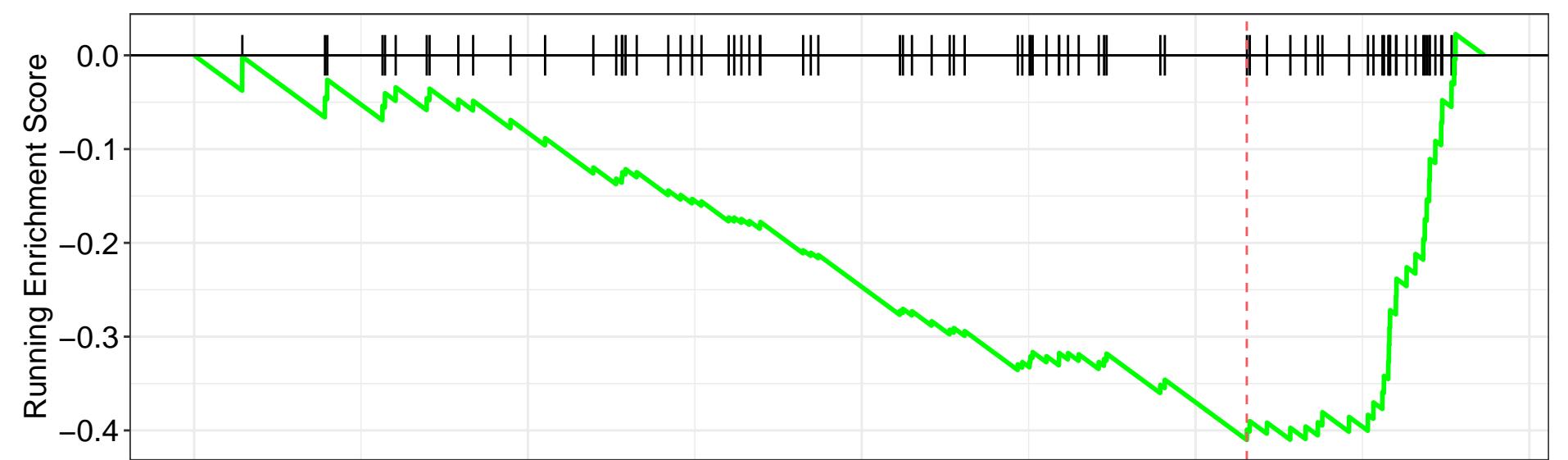
# cytokinesis

Ranked List Metric

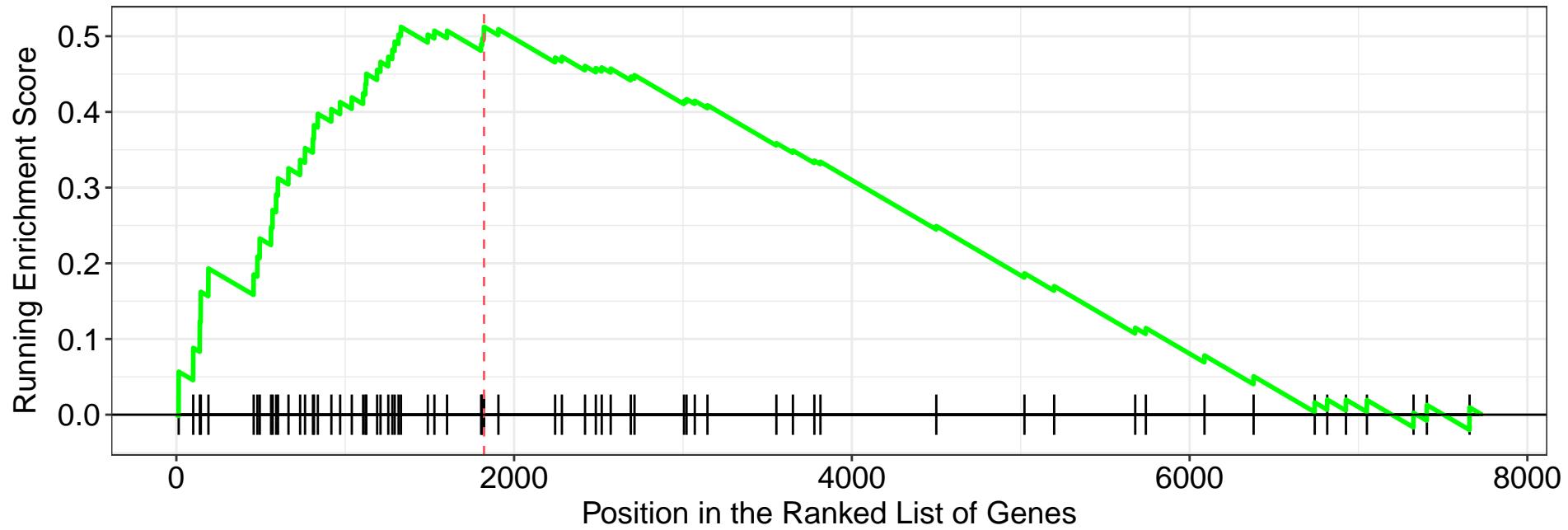
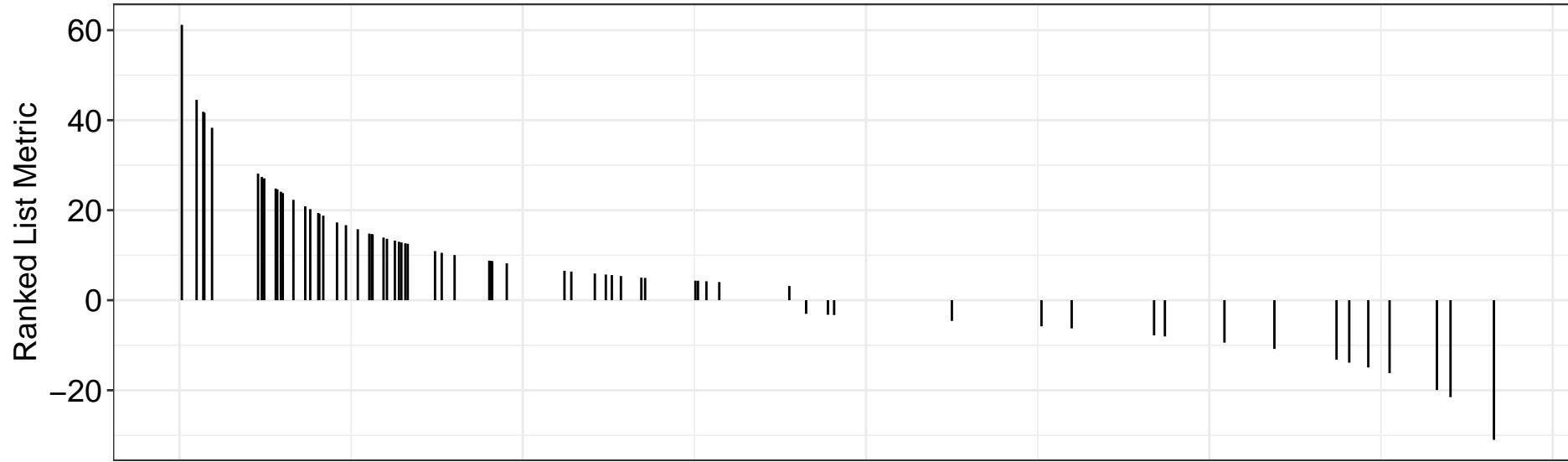


Running Enrichment Score

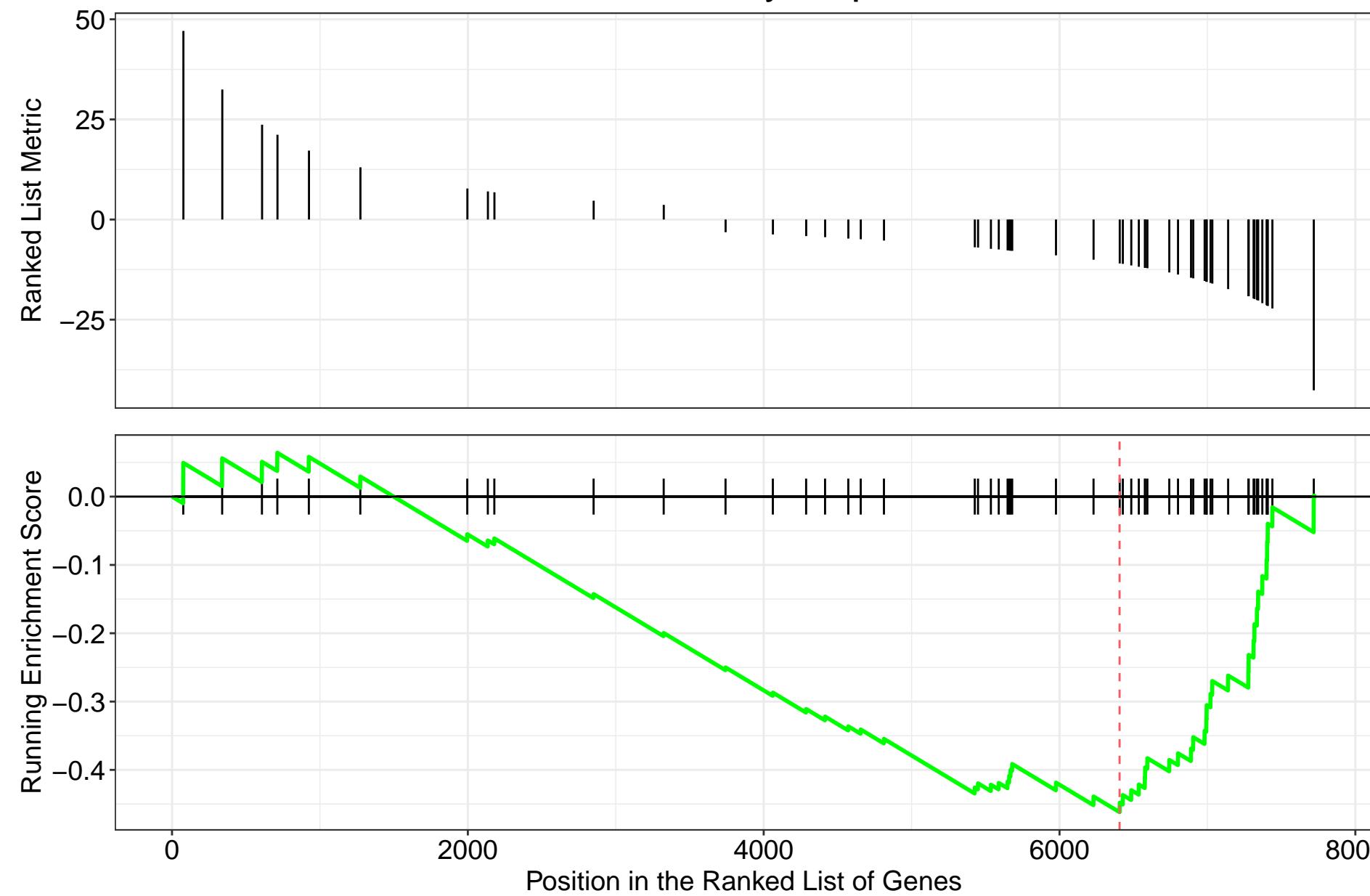
Position in the Ranked List of Genes



# negative regulation of immune effector process

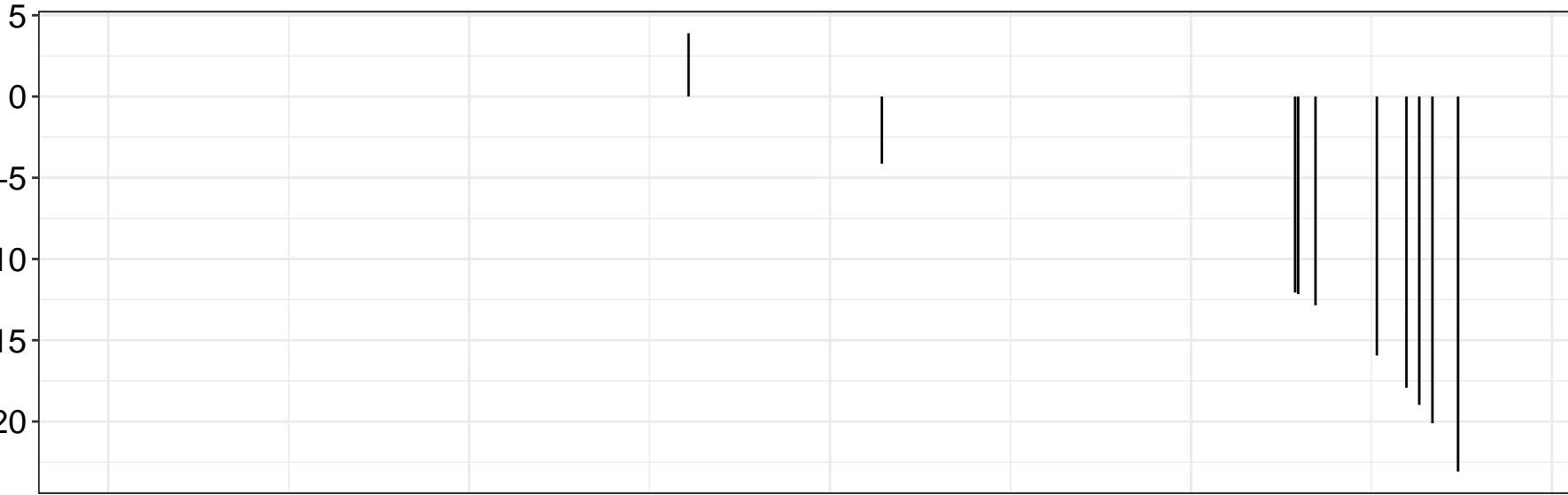


# meiosis I cell cycle process



# kinetochore assembly

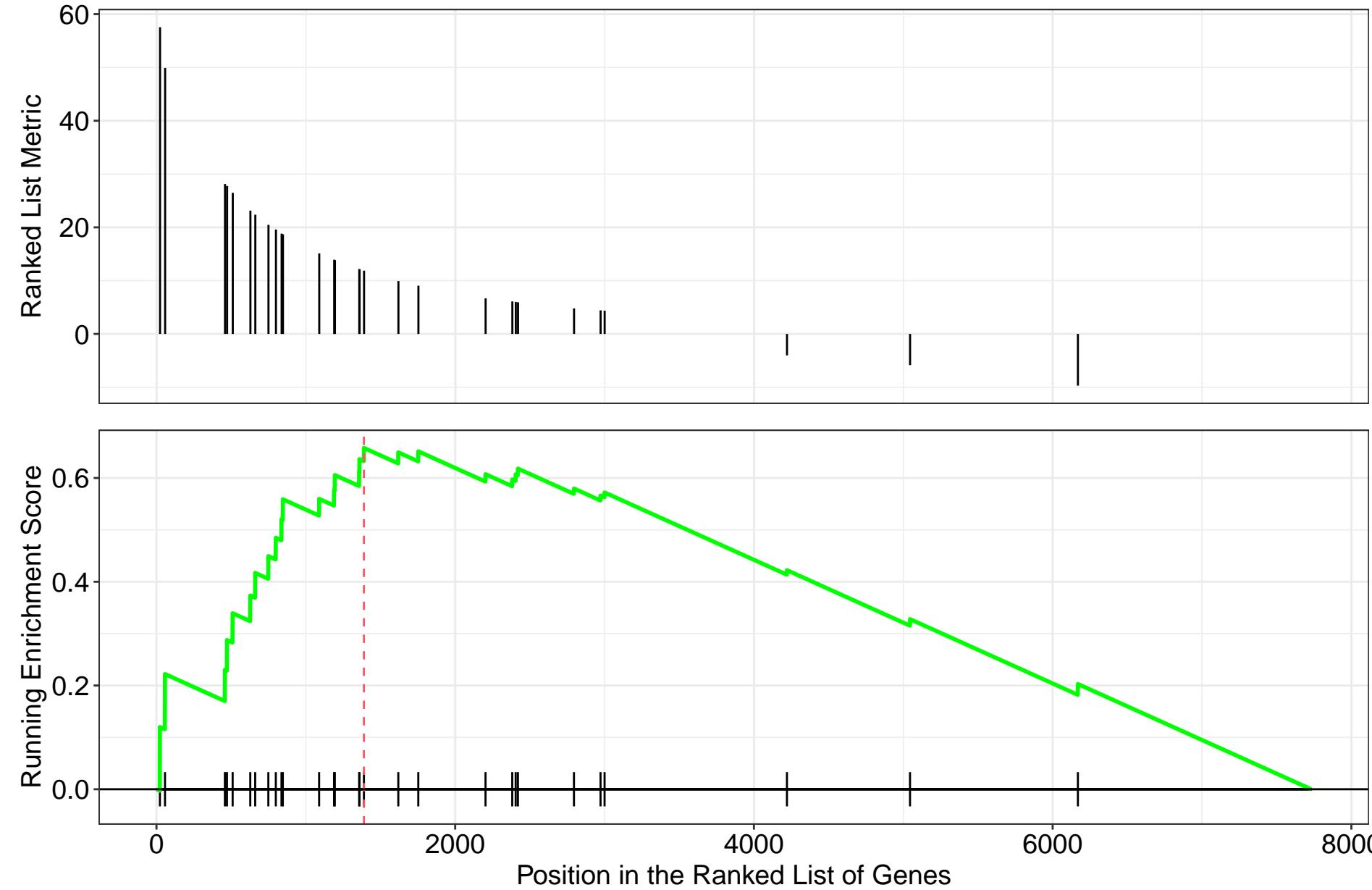
Ranked List Metric



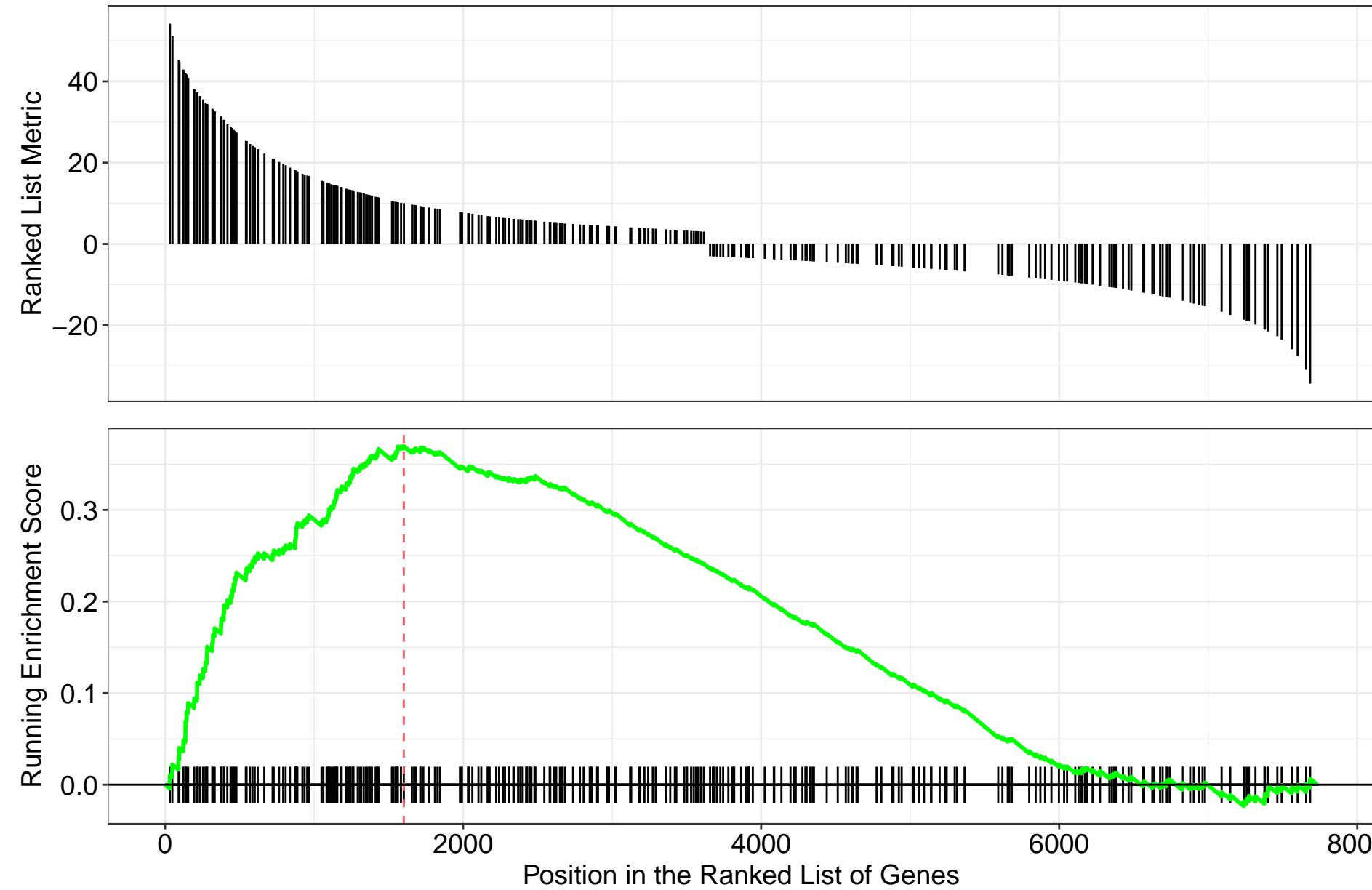
Running Enrichment Score



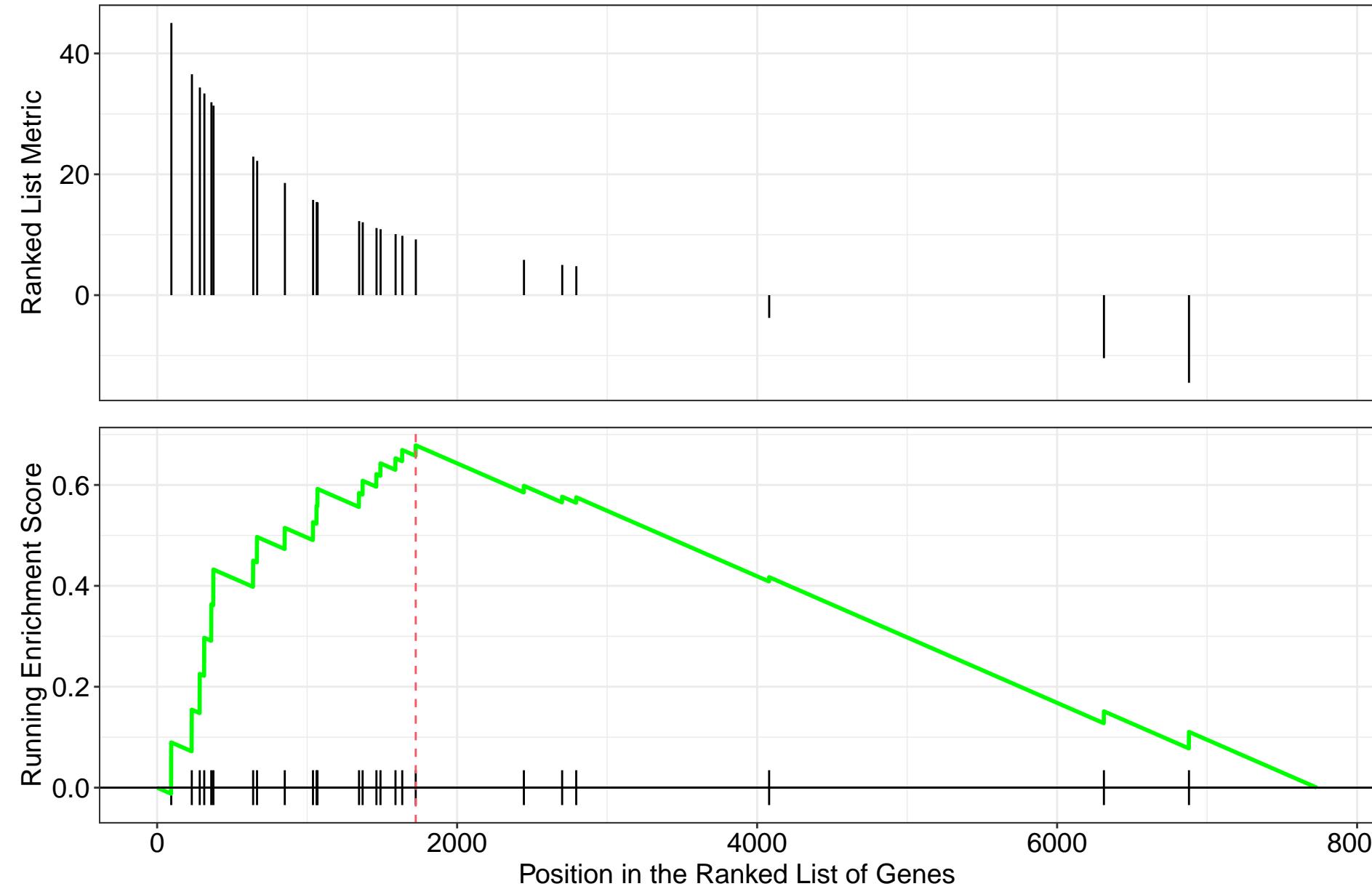
# positive regulation of T cell mediated cytotoxicity



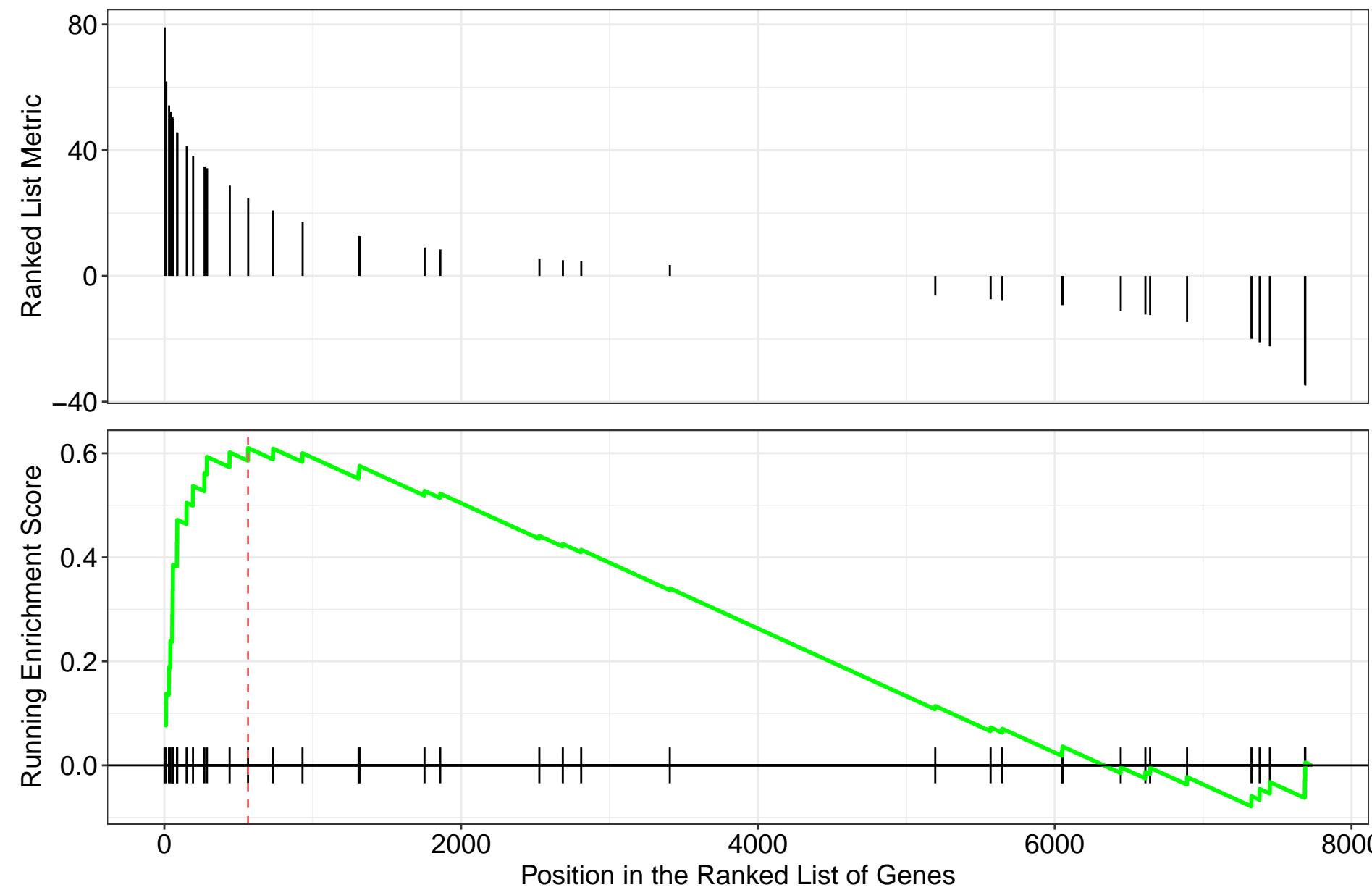
# regulation of proteolysis



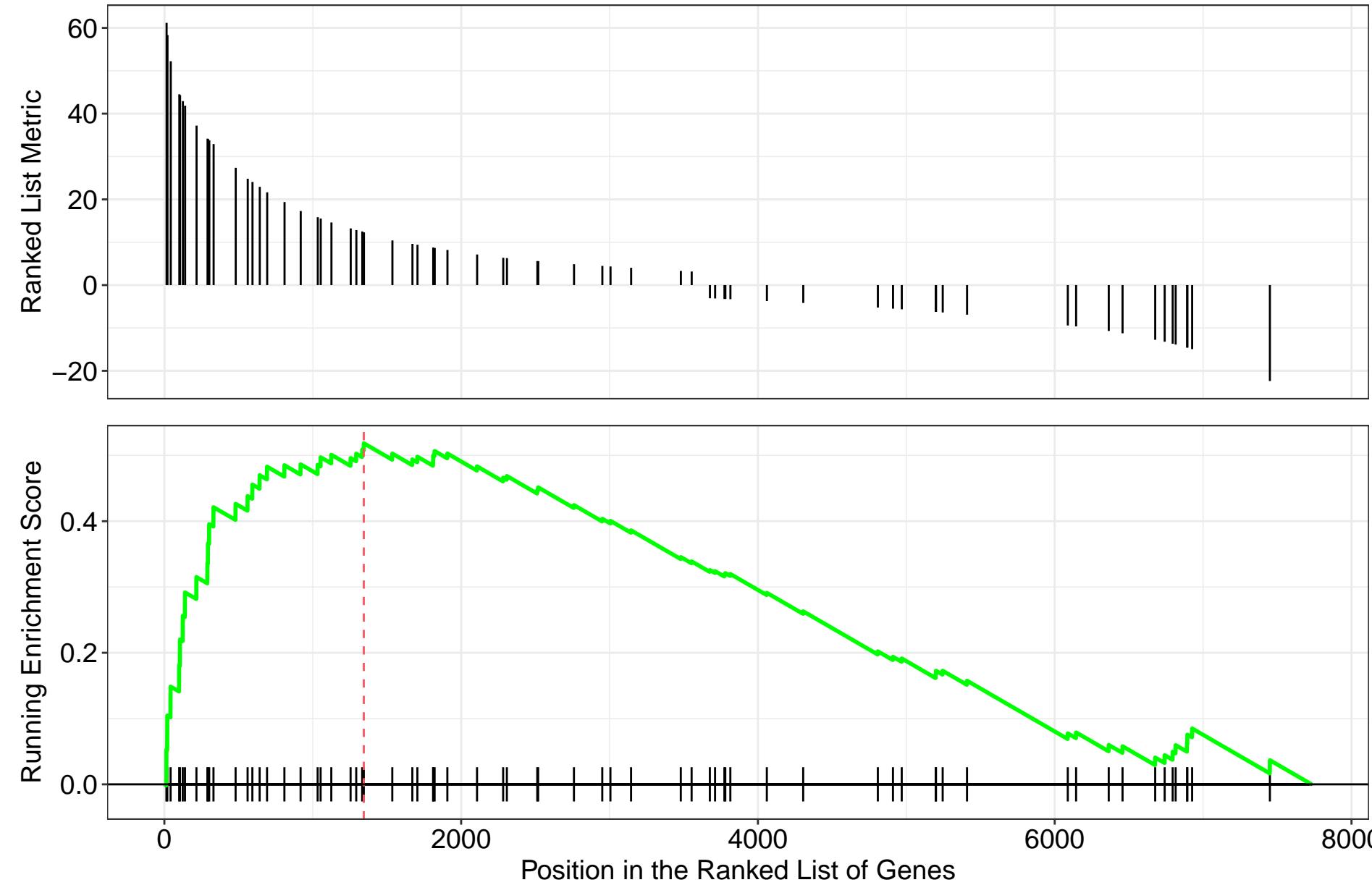
# response to interferon–alpha



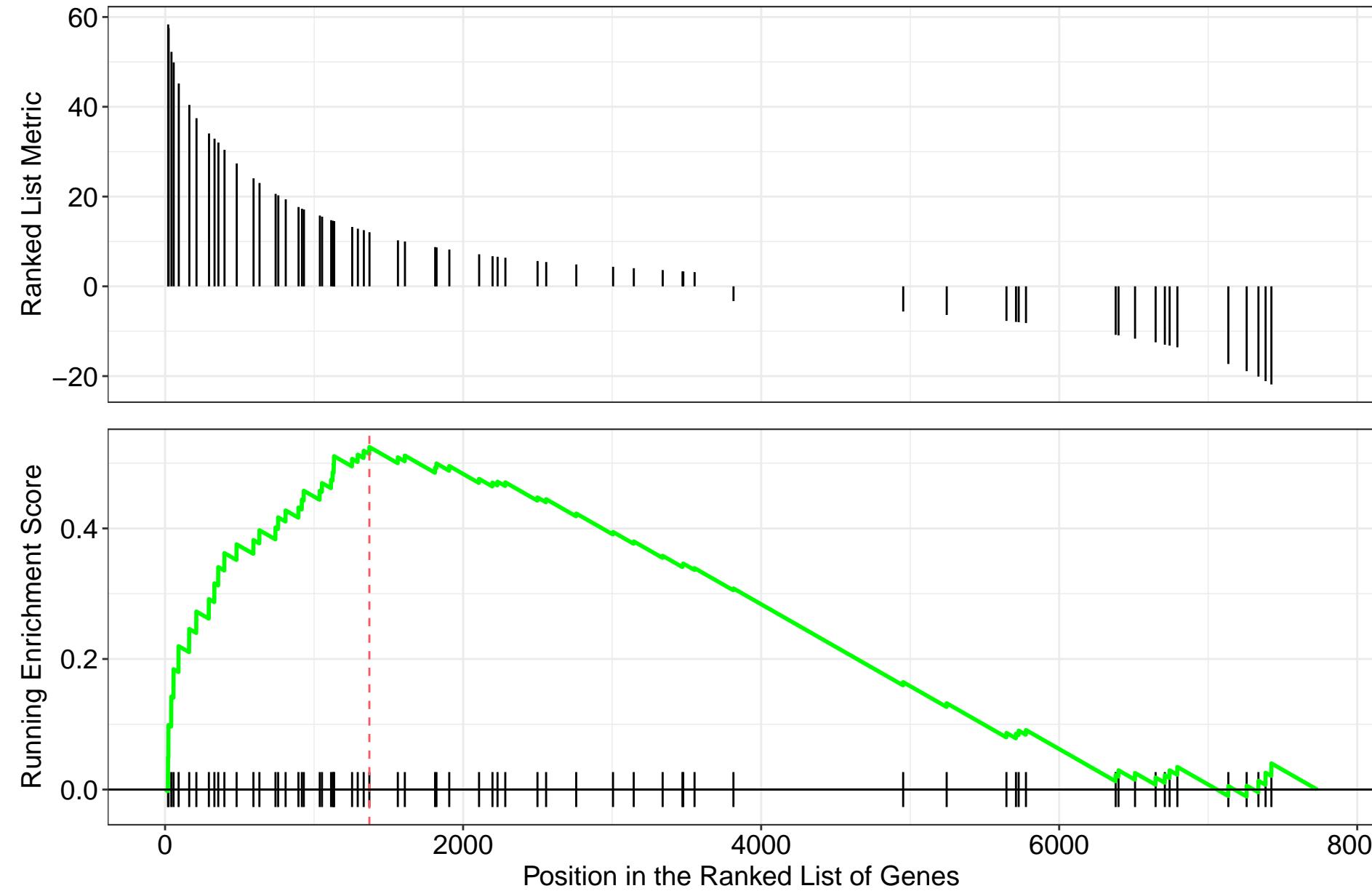
# antimicrobial humoral response



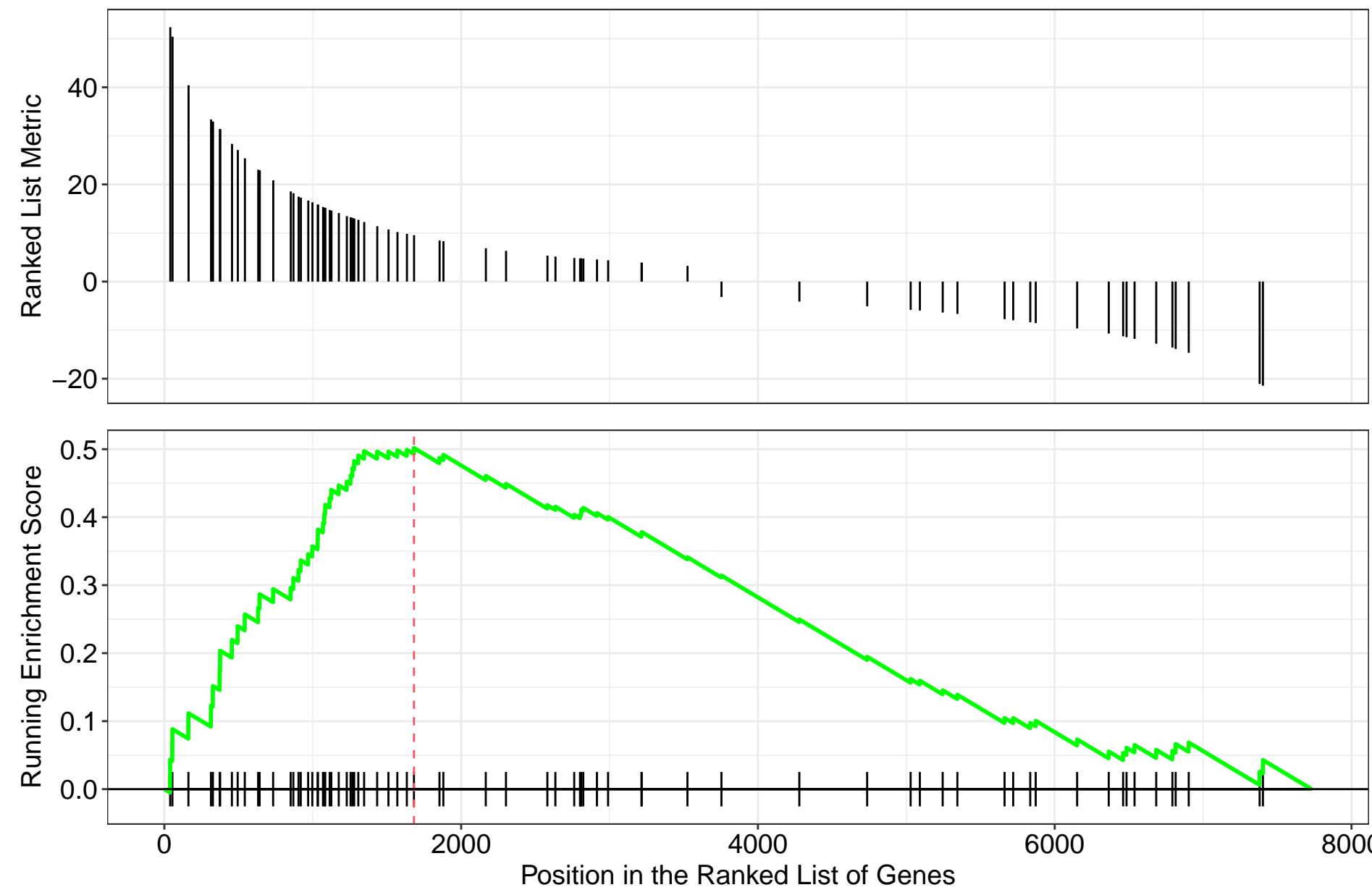
# negative regulation of leukocyte cell–cell adhesion



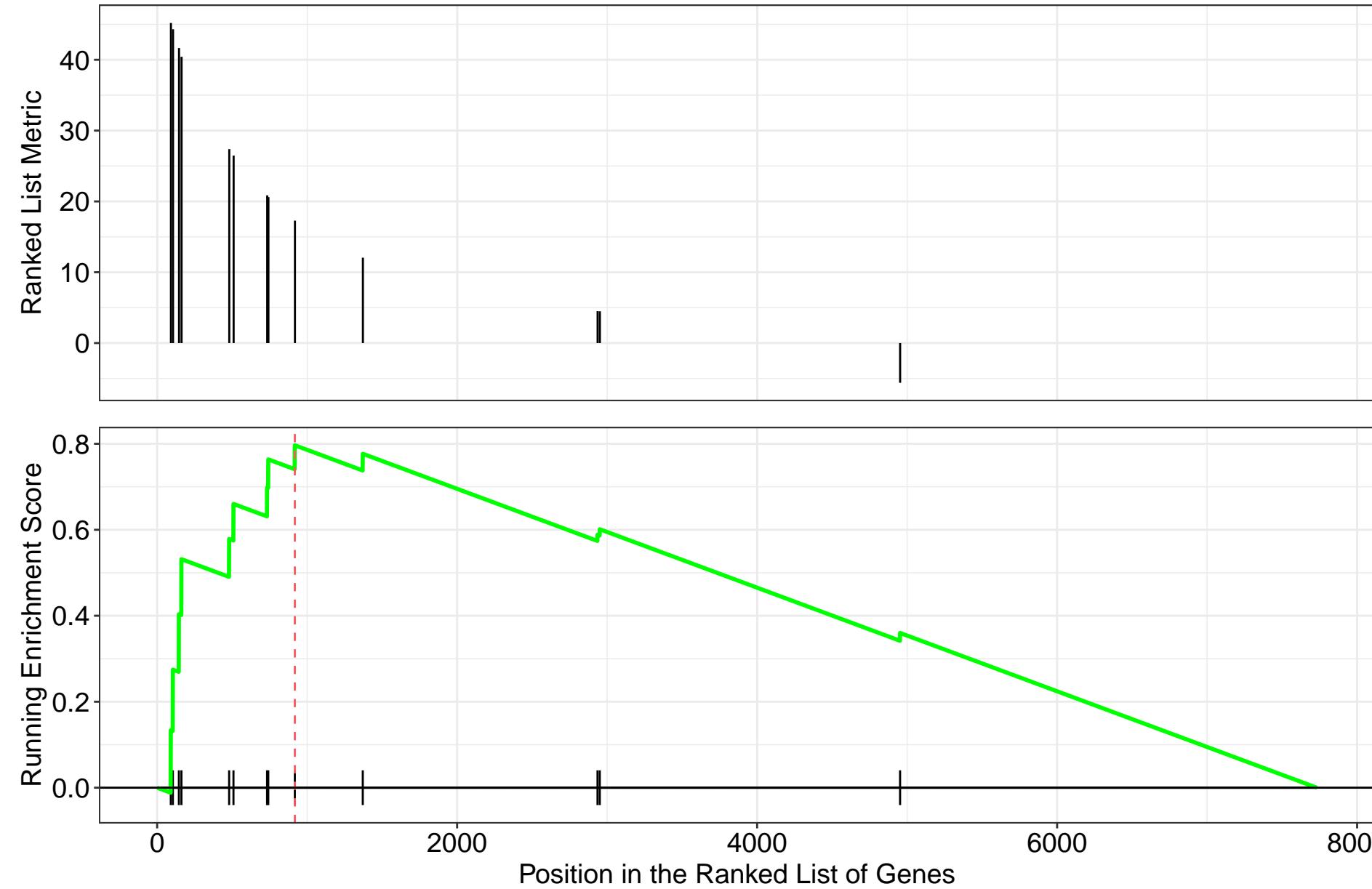
# CD4-positive, alpha–beta T cell activation



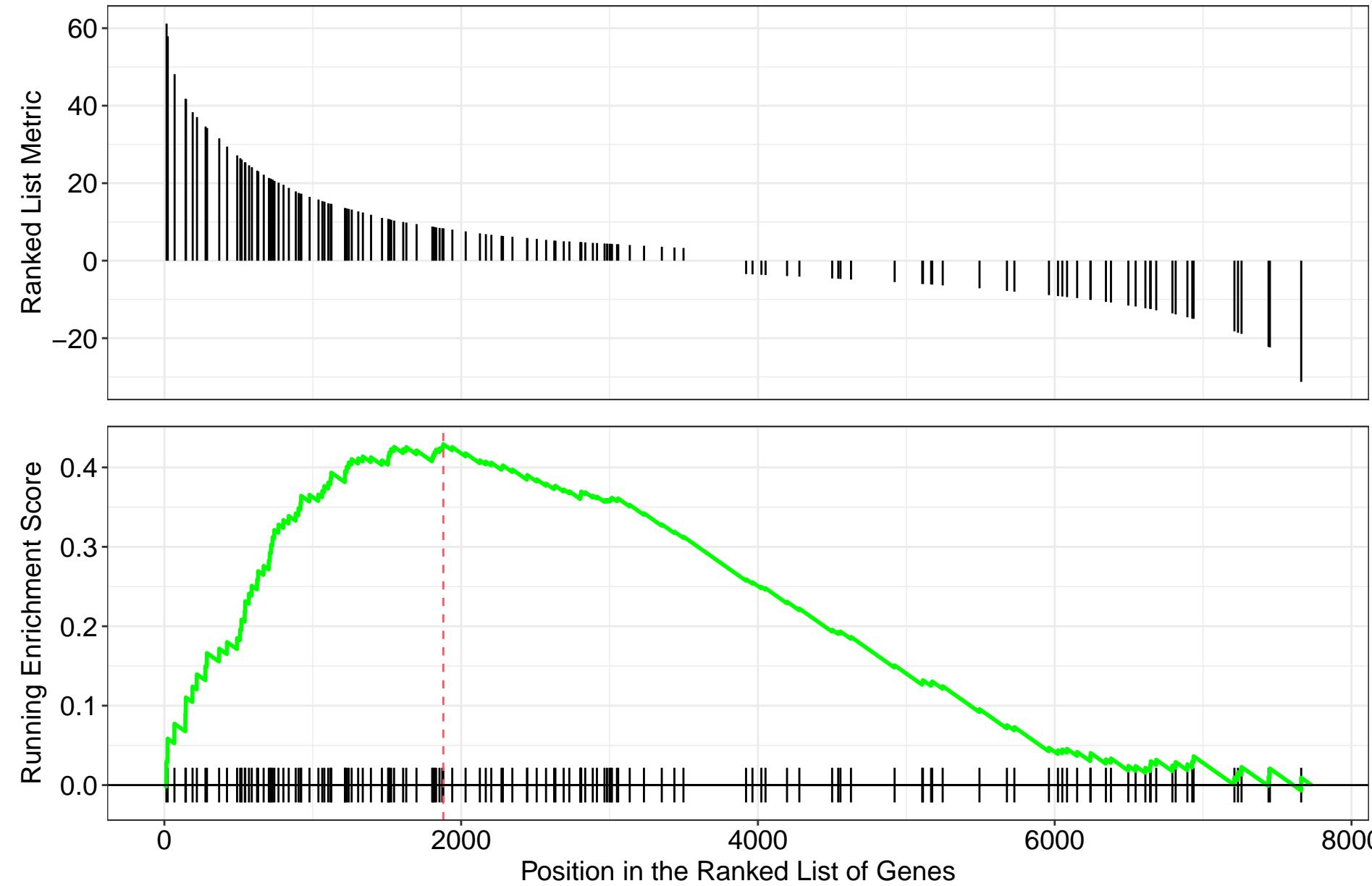
# toll-like receptor signaling pathway



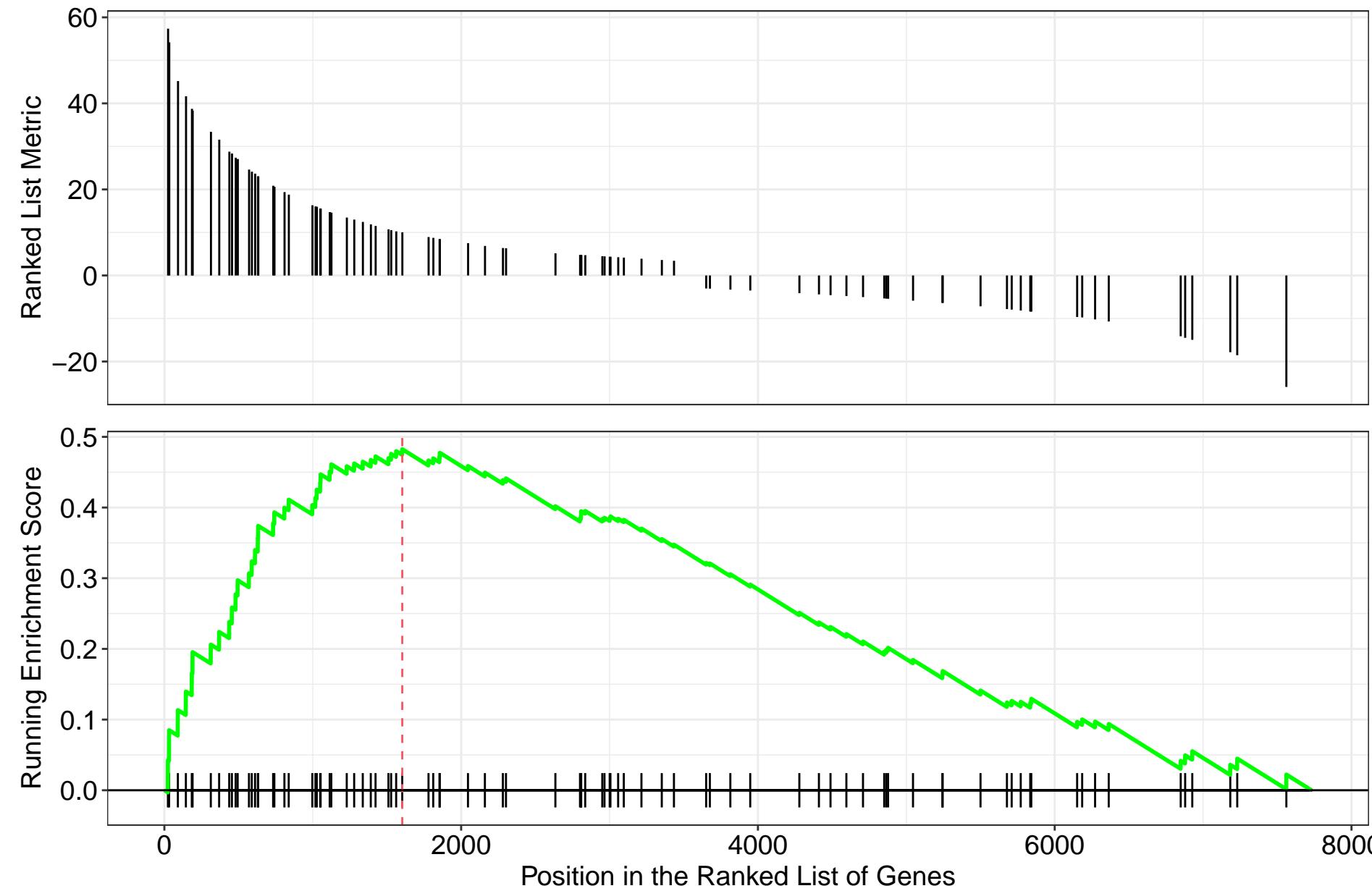
# positive regulation of type 2 immune response



# myeloid leukocyte activation

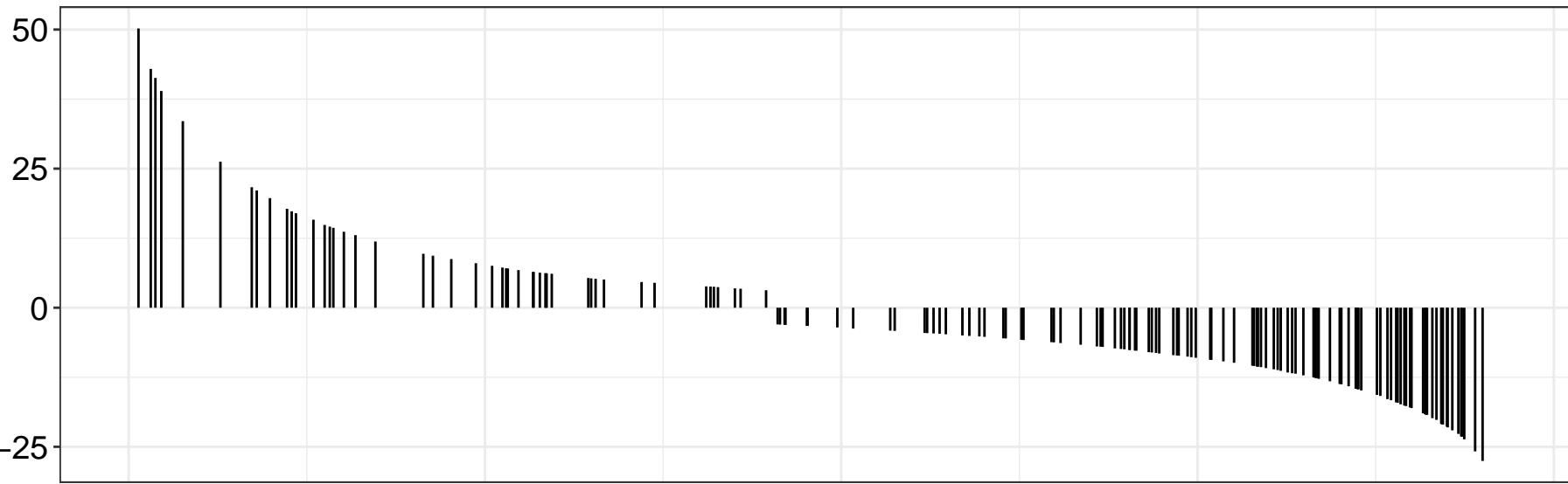


# interleukin–6 production



# negative regulation of cell cycle process

Ranked List Metric

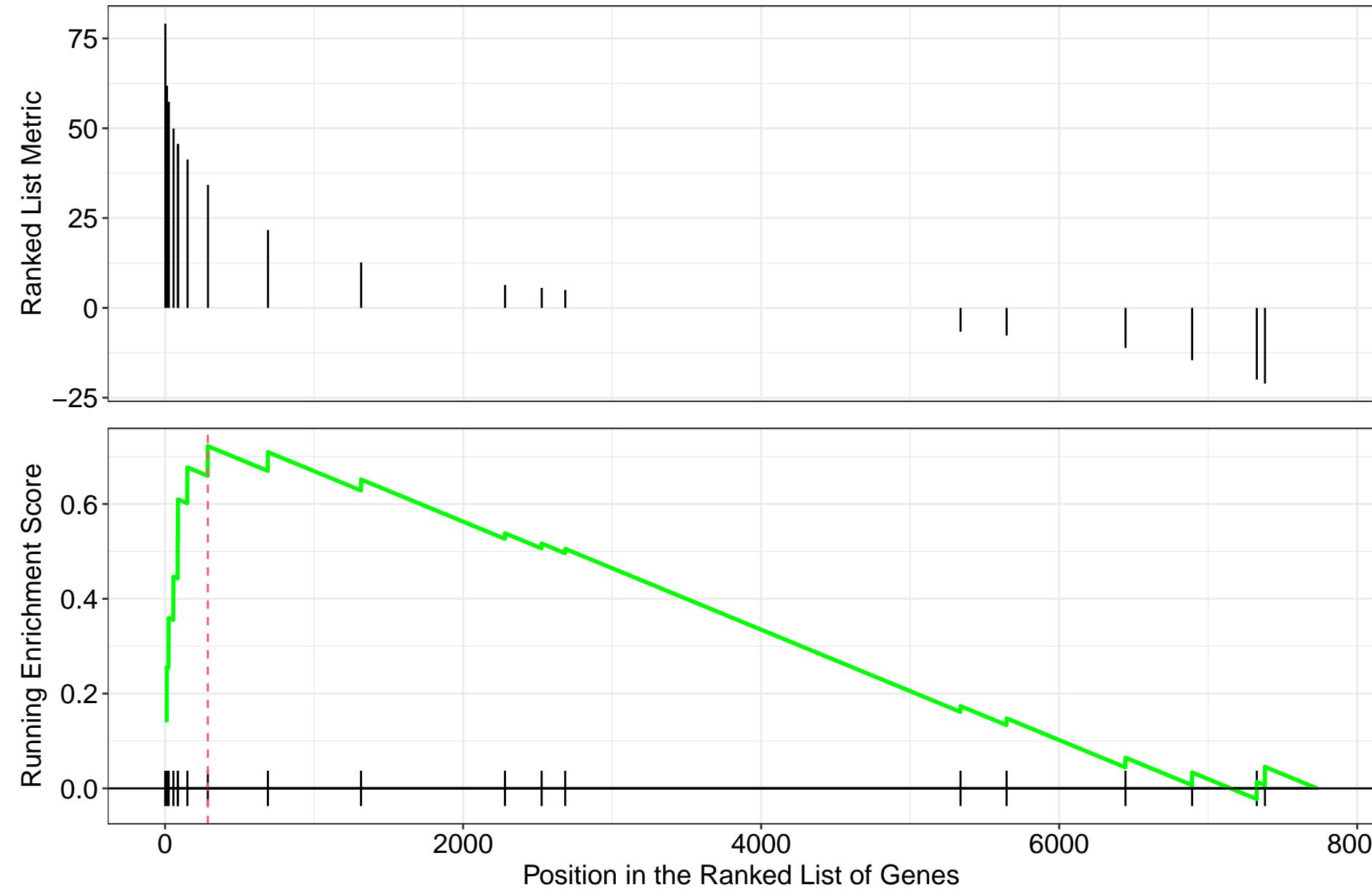


Running Enrichment Score

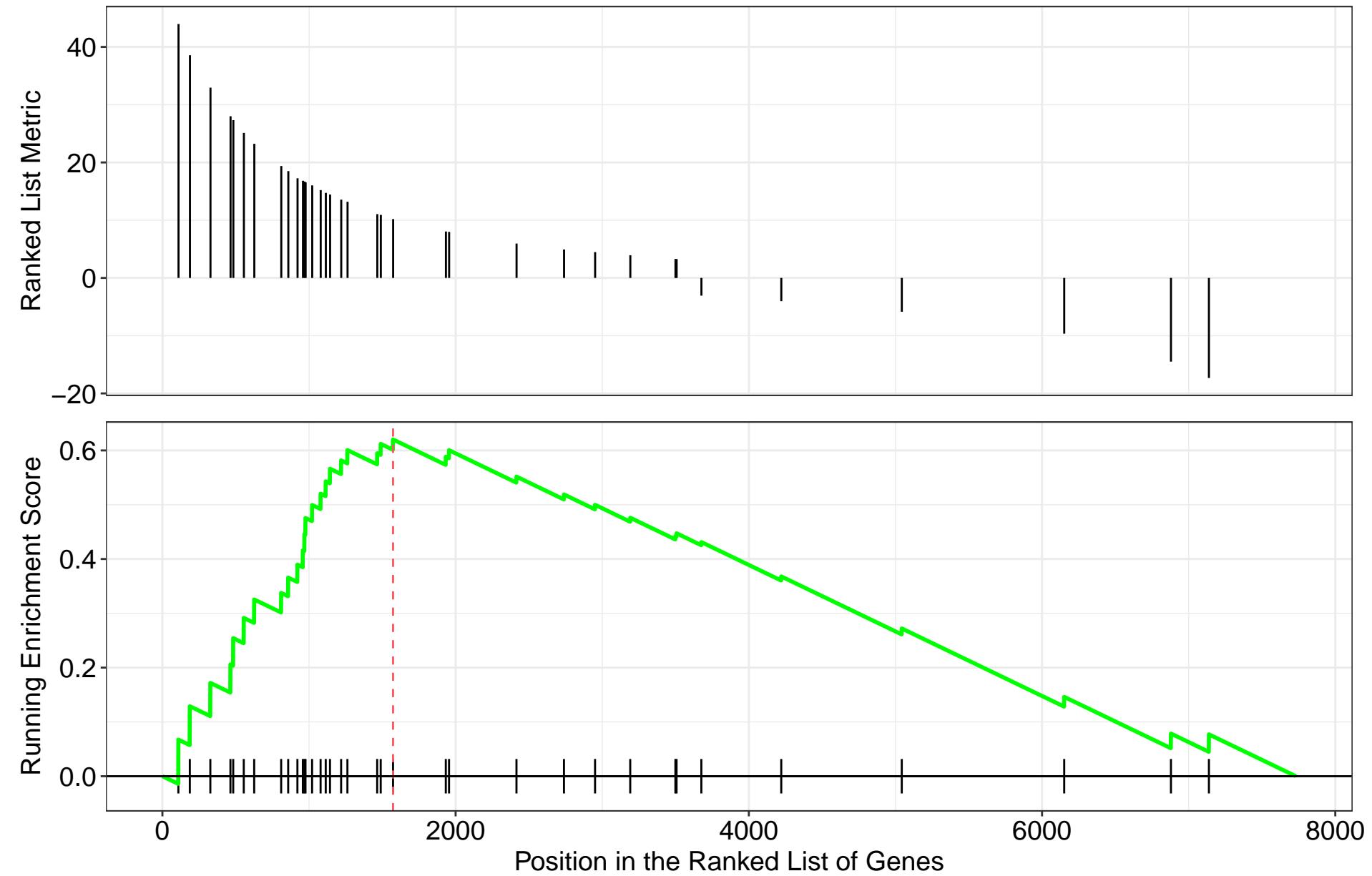
Position in the Ranked List of Genes



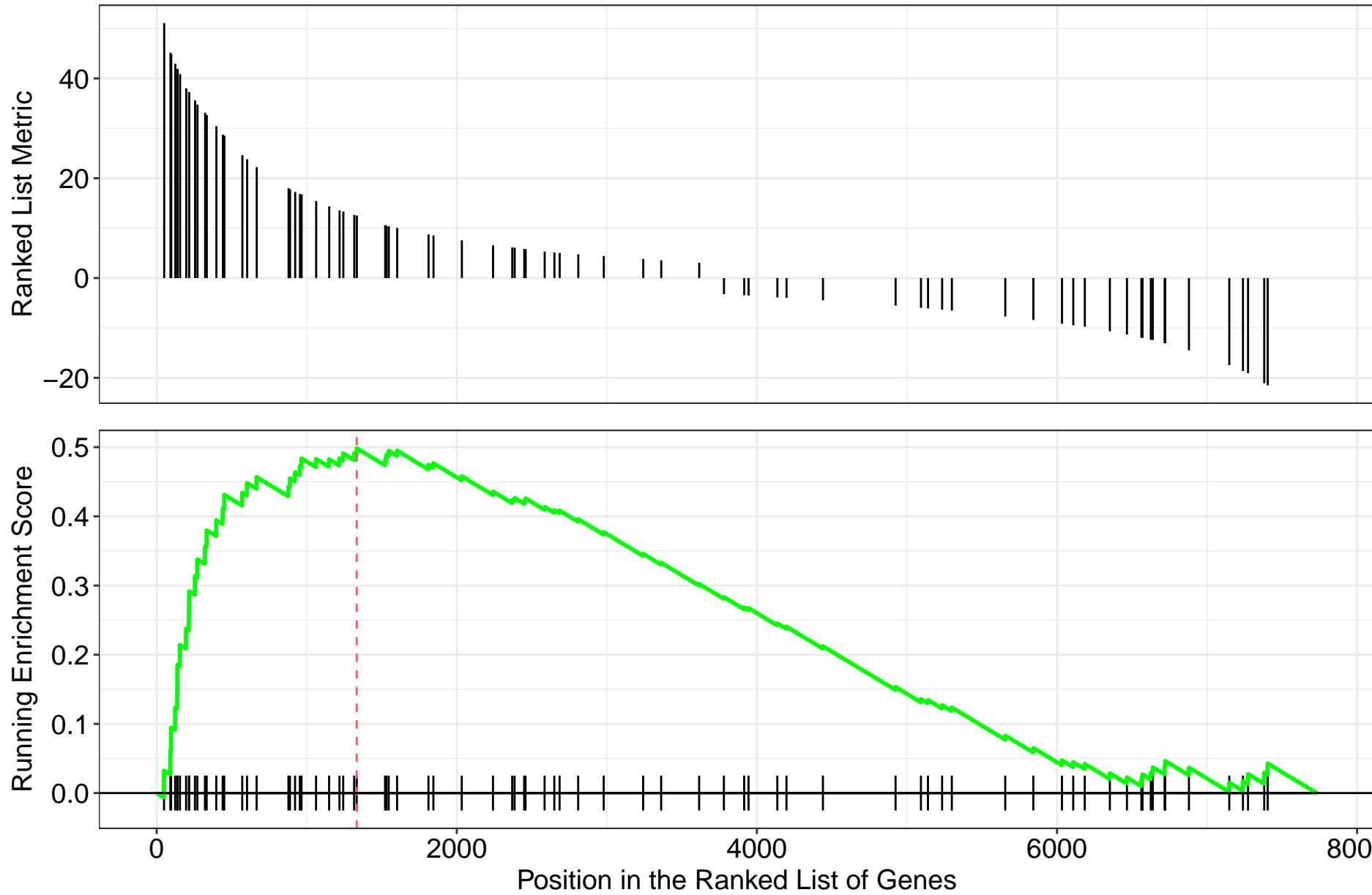
# killing of cells of another organism



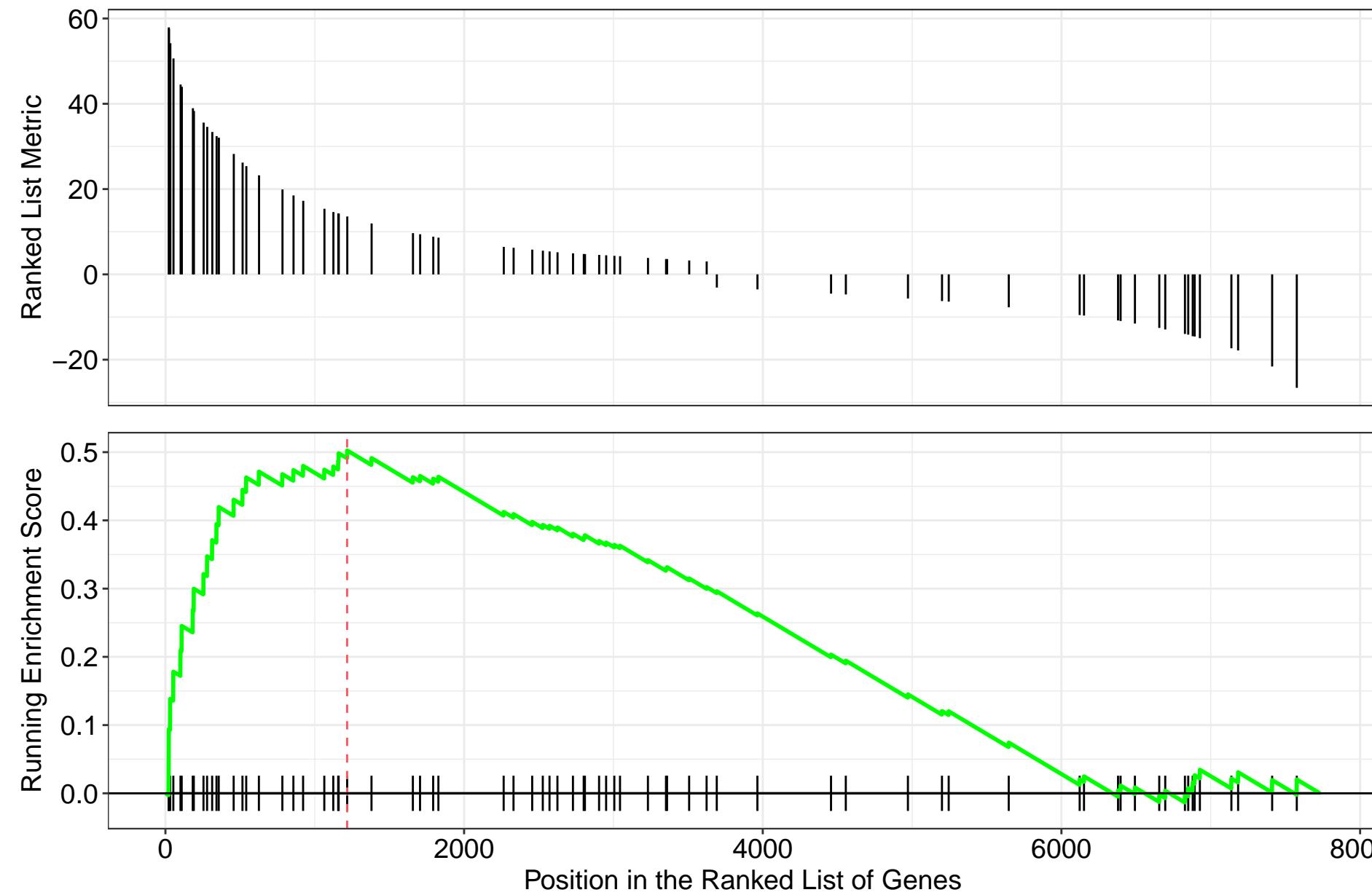
# positive regulation of cytokine-mediated signaling pathway



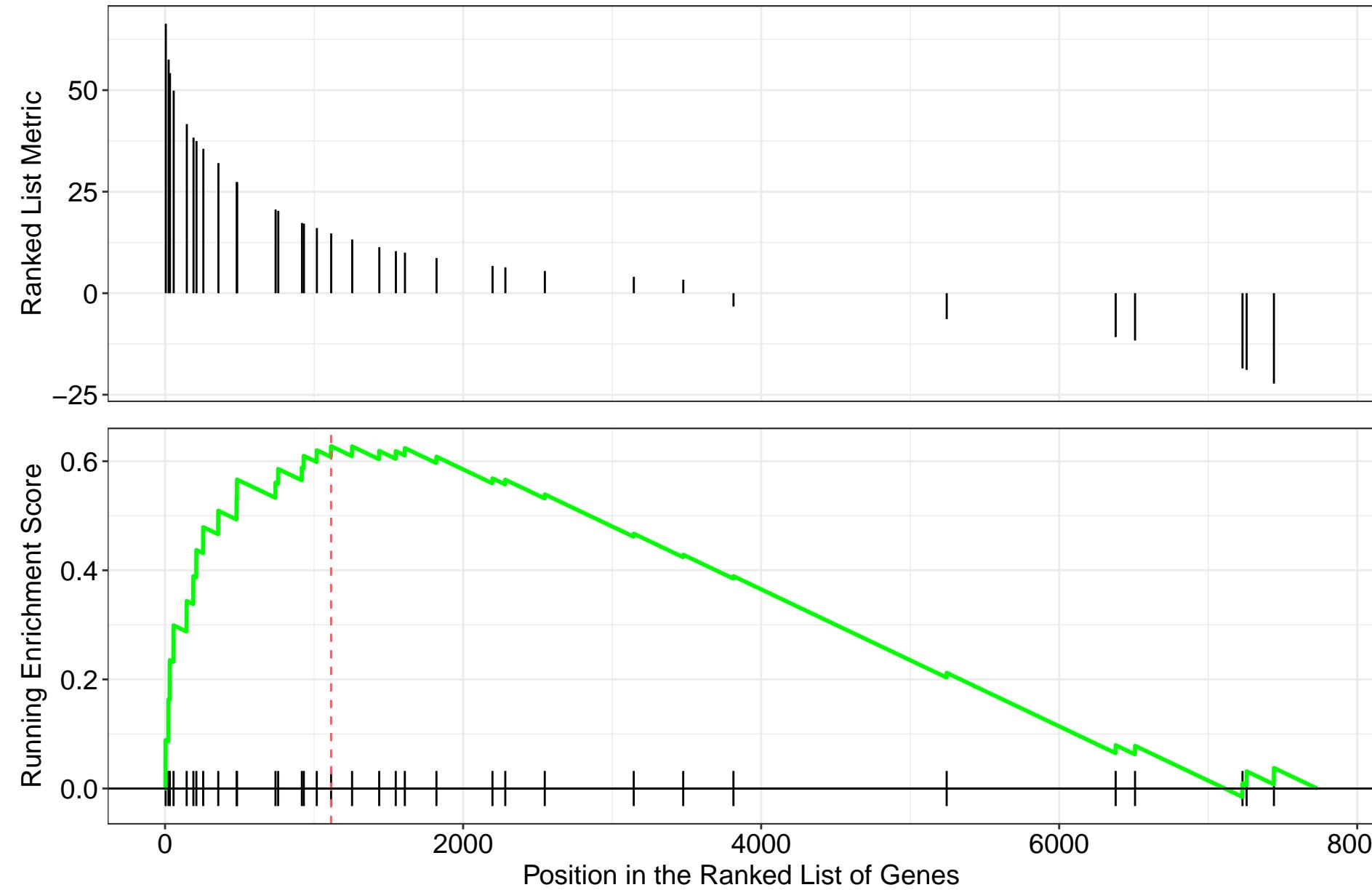
# negative regulation of peptidase activity



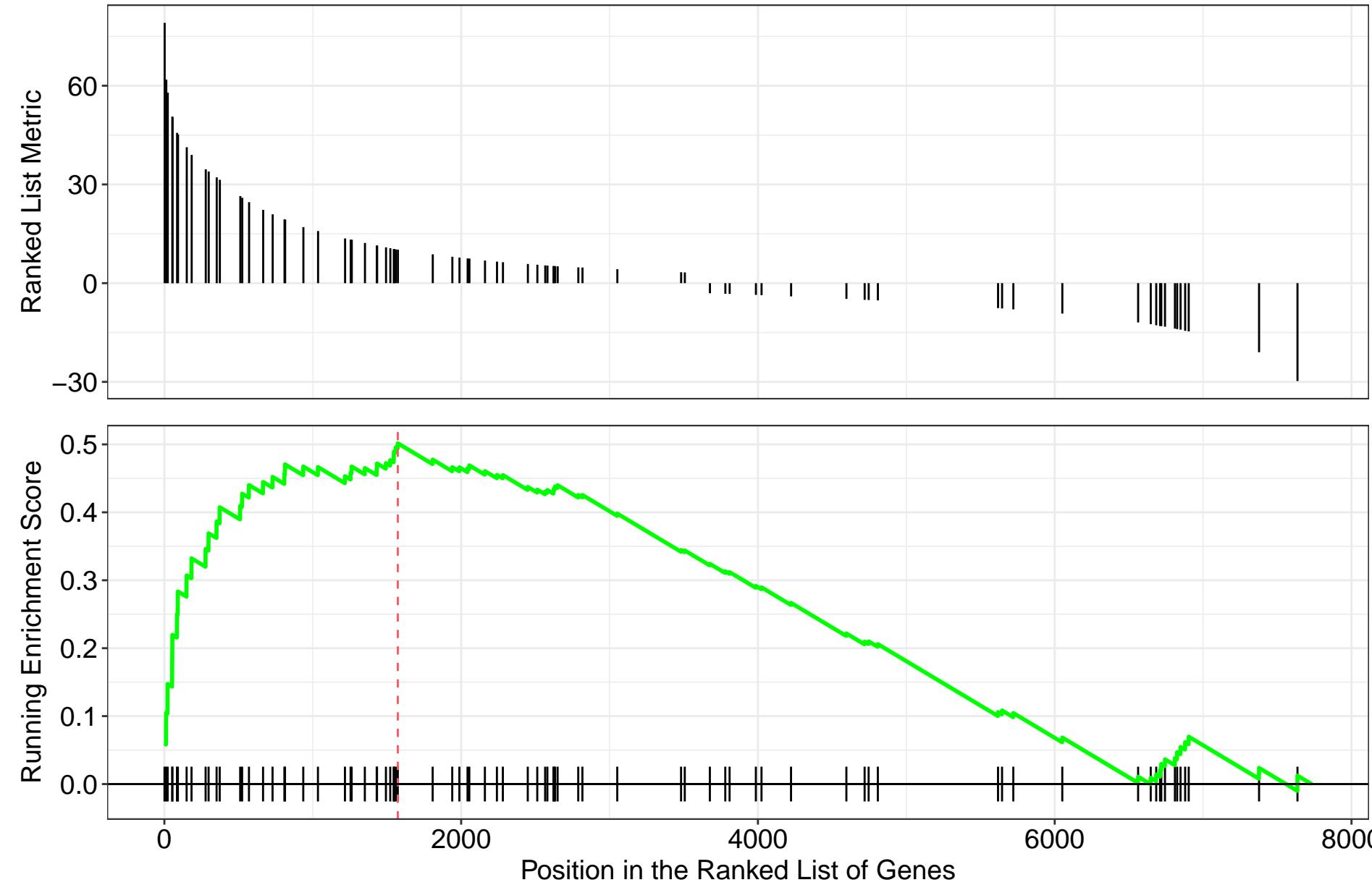
# positive regulation of chemotaxis



# T-helper 1 type immune response

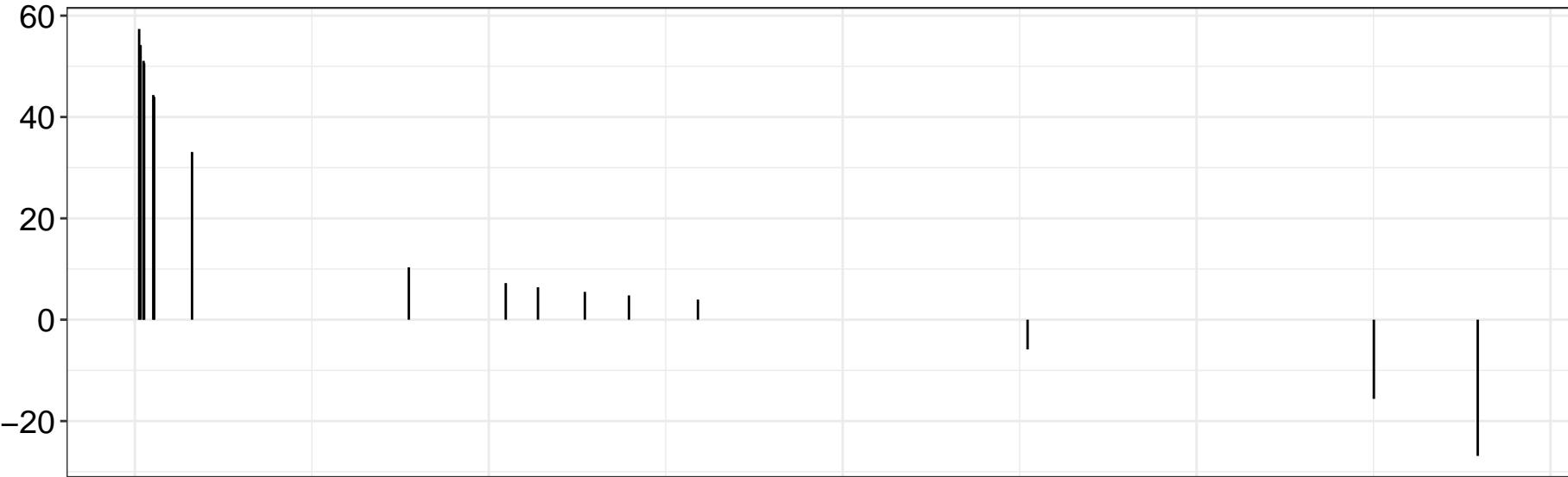


# cellular response to tumor necrosis factor



# prostaglandin transport

Ranked List Metric



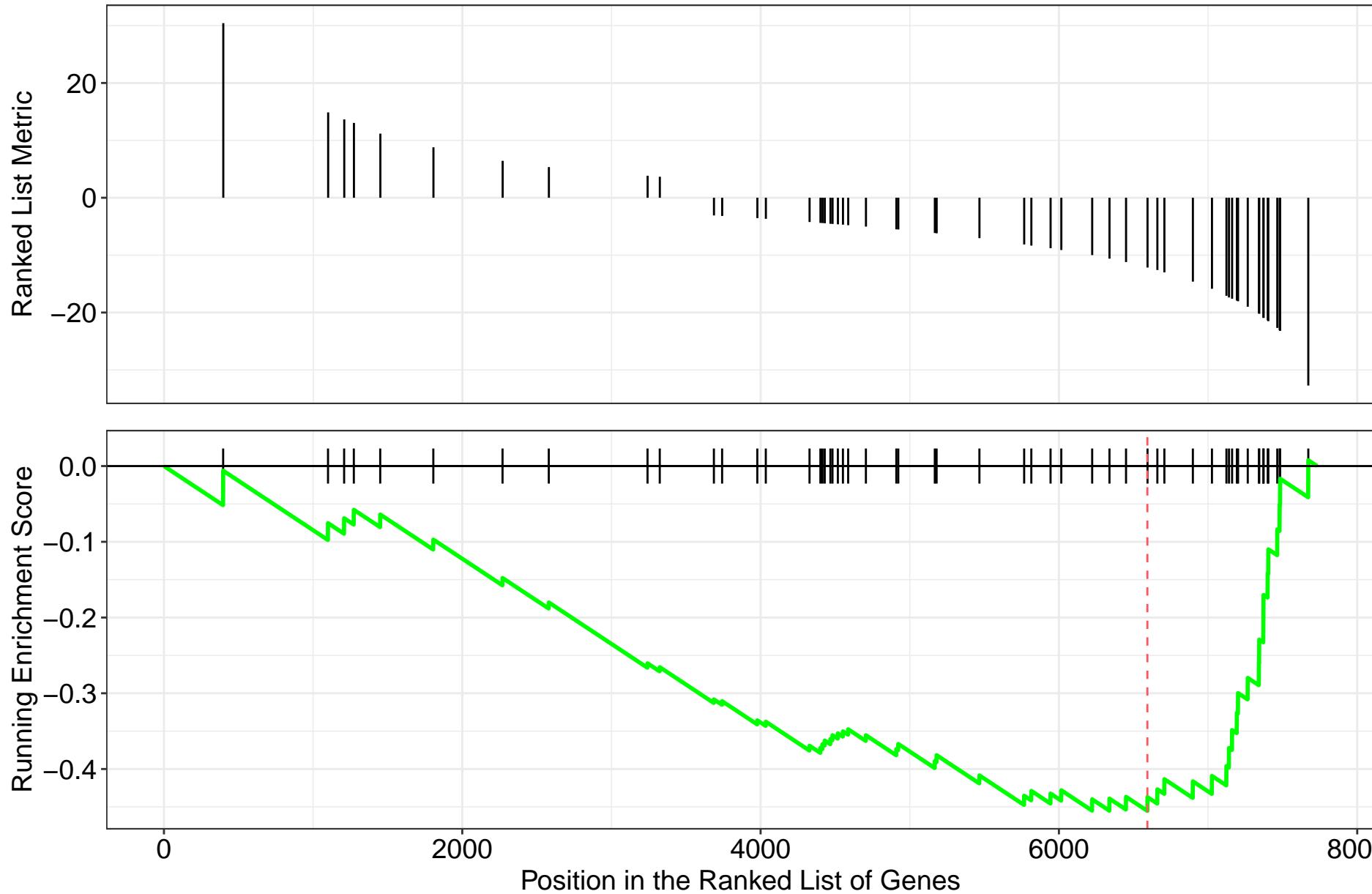
Running Enrichment Score

Position in the Ranked List of Genes

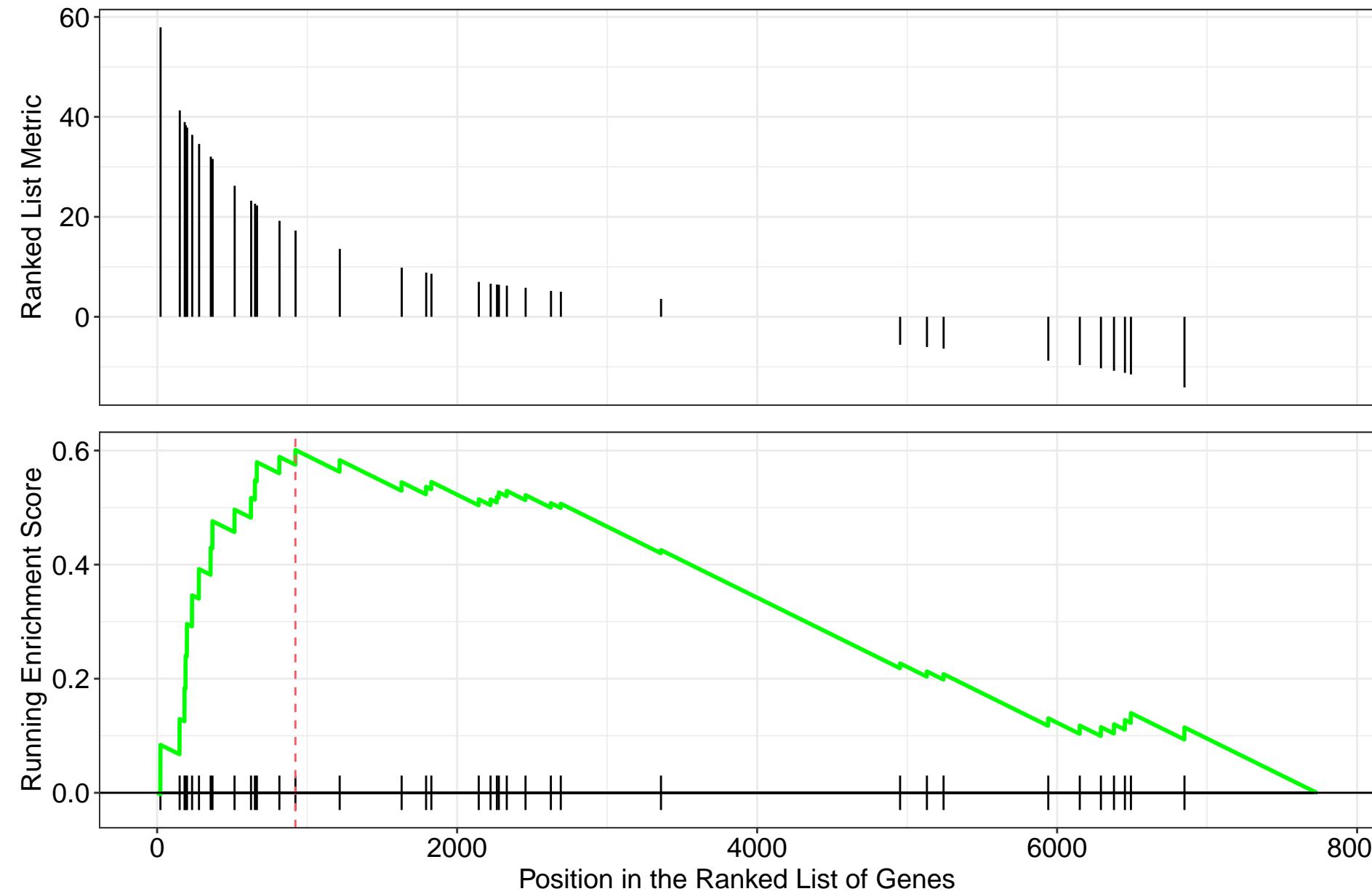
Position in the Ranked List of Genes



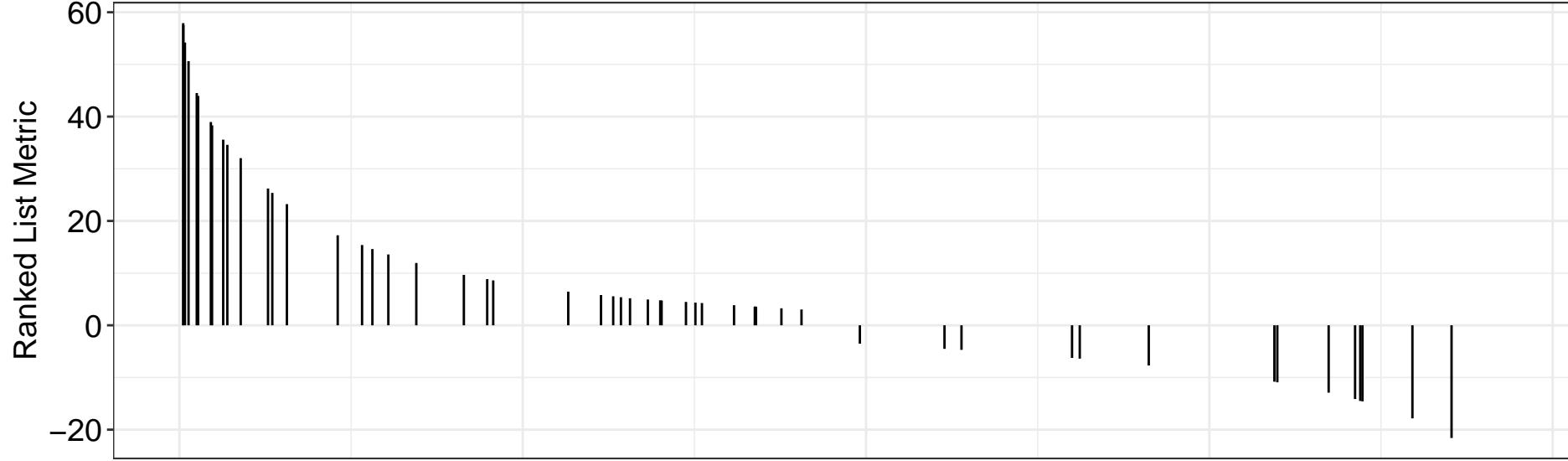
# negative regulation of chromosome organization



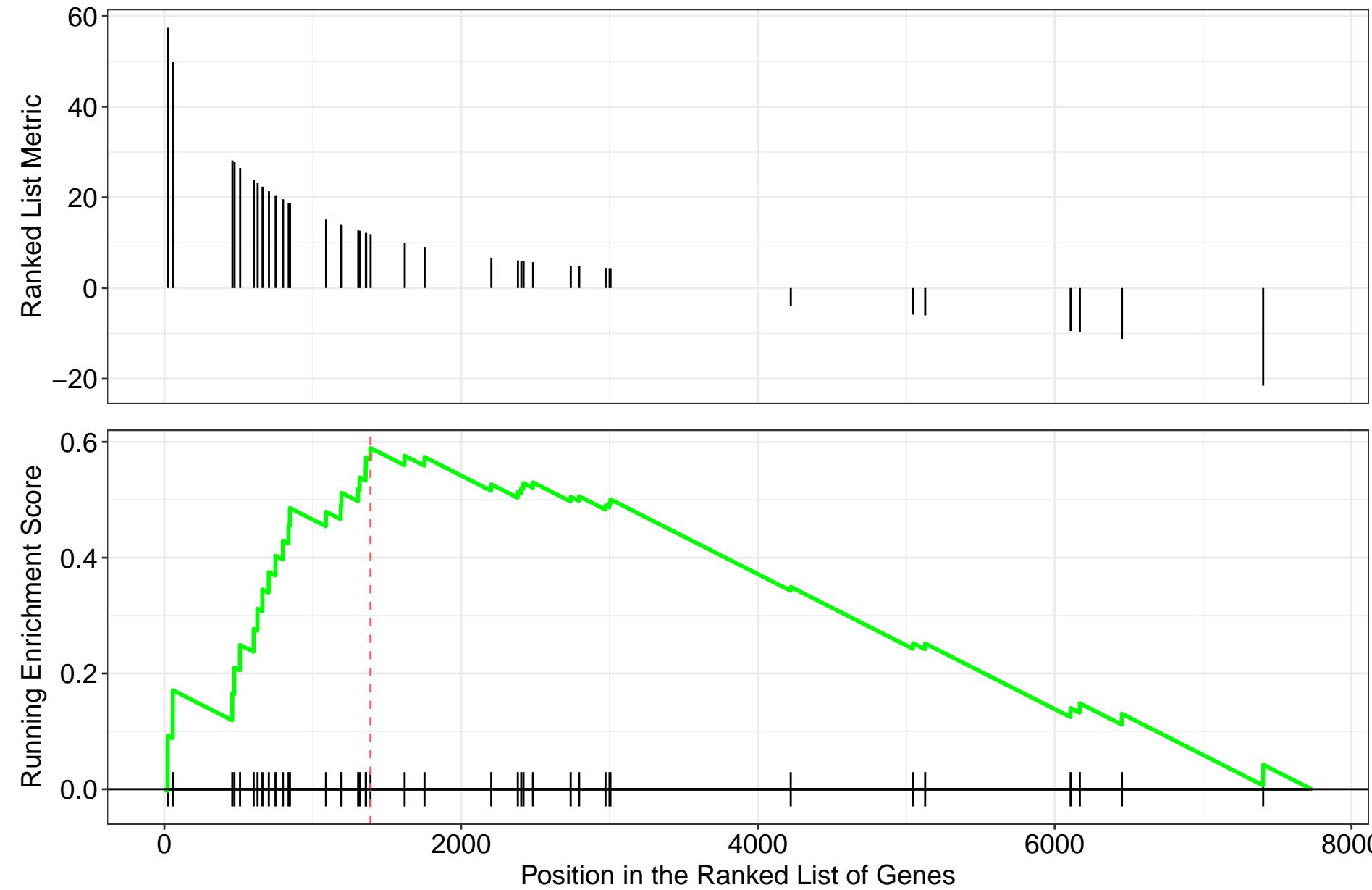
# macrophage migration



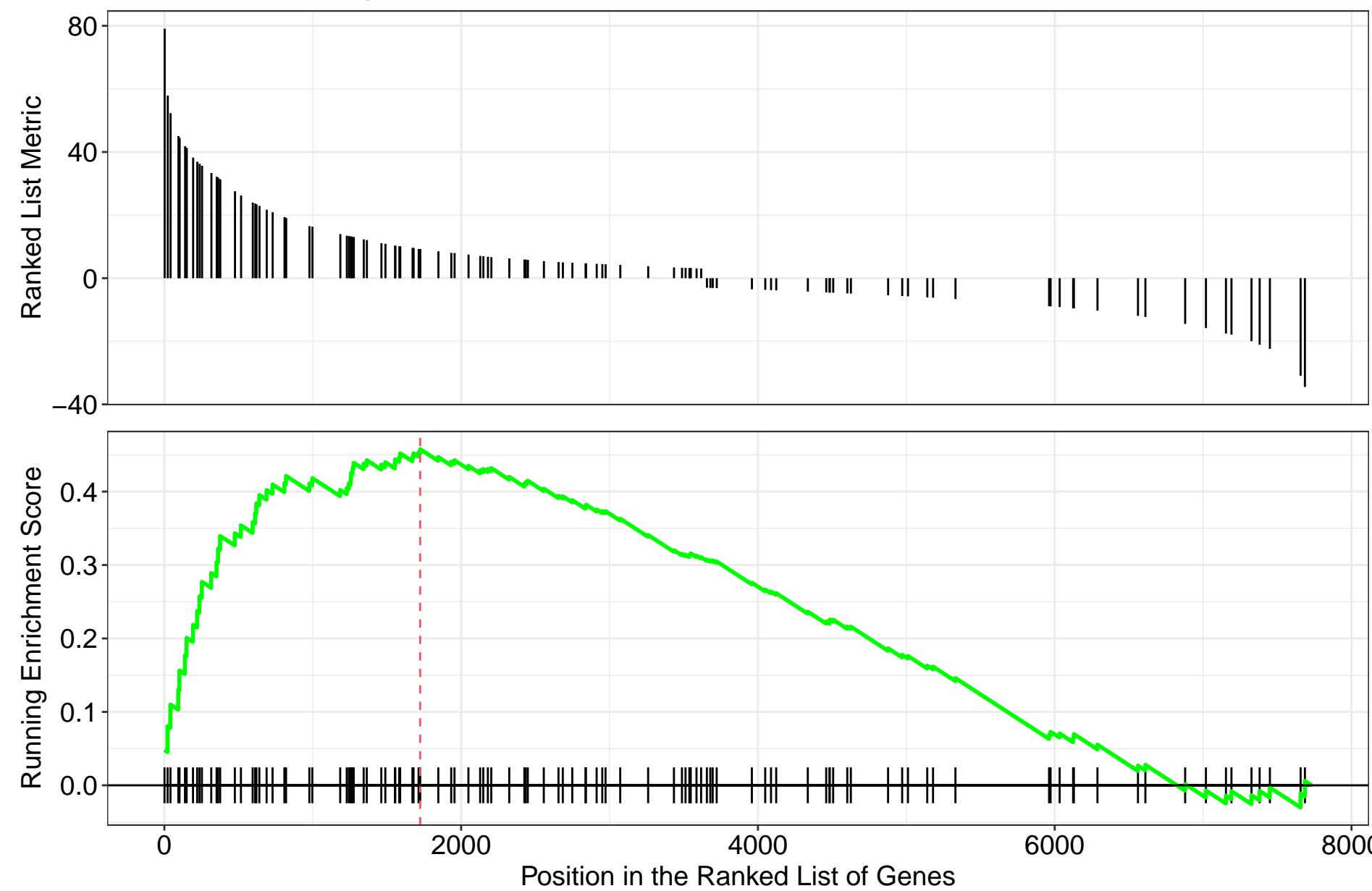
# positive regulation of leukocyte chemotaxis



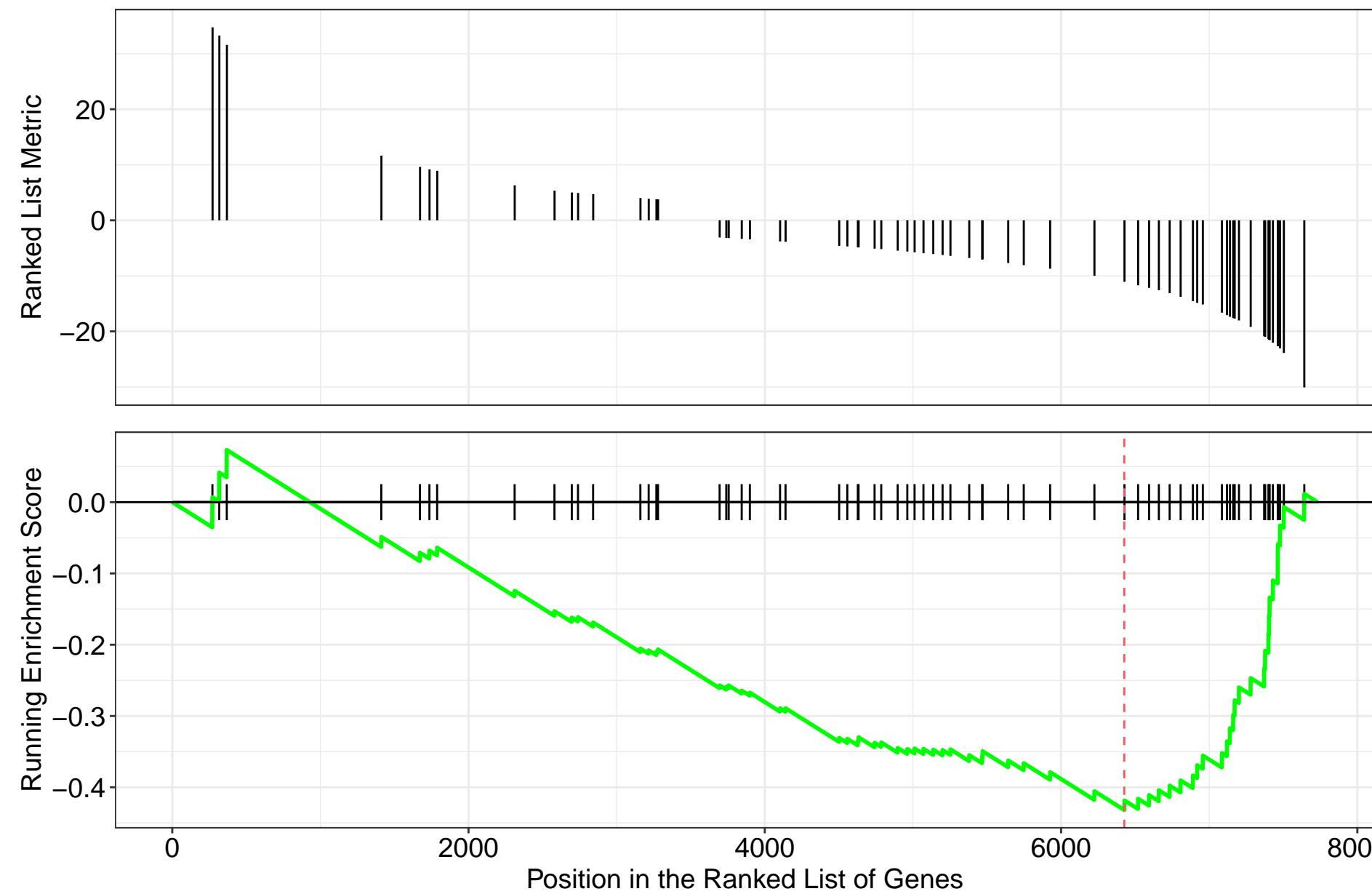
# T cell mediated cytotoxicity



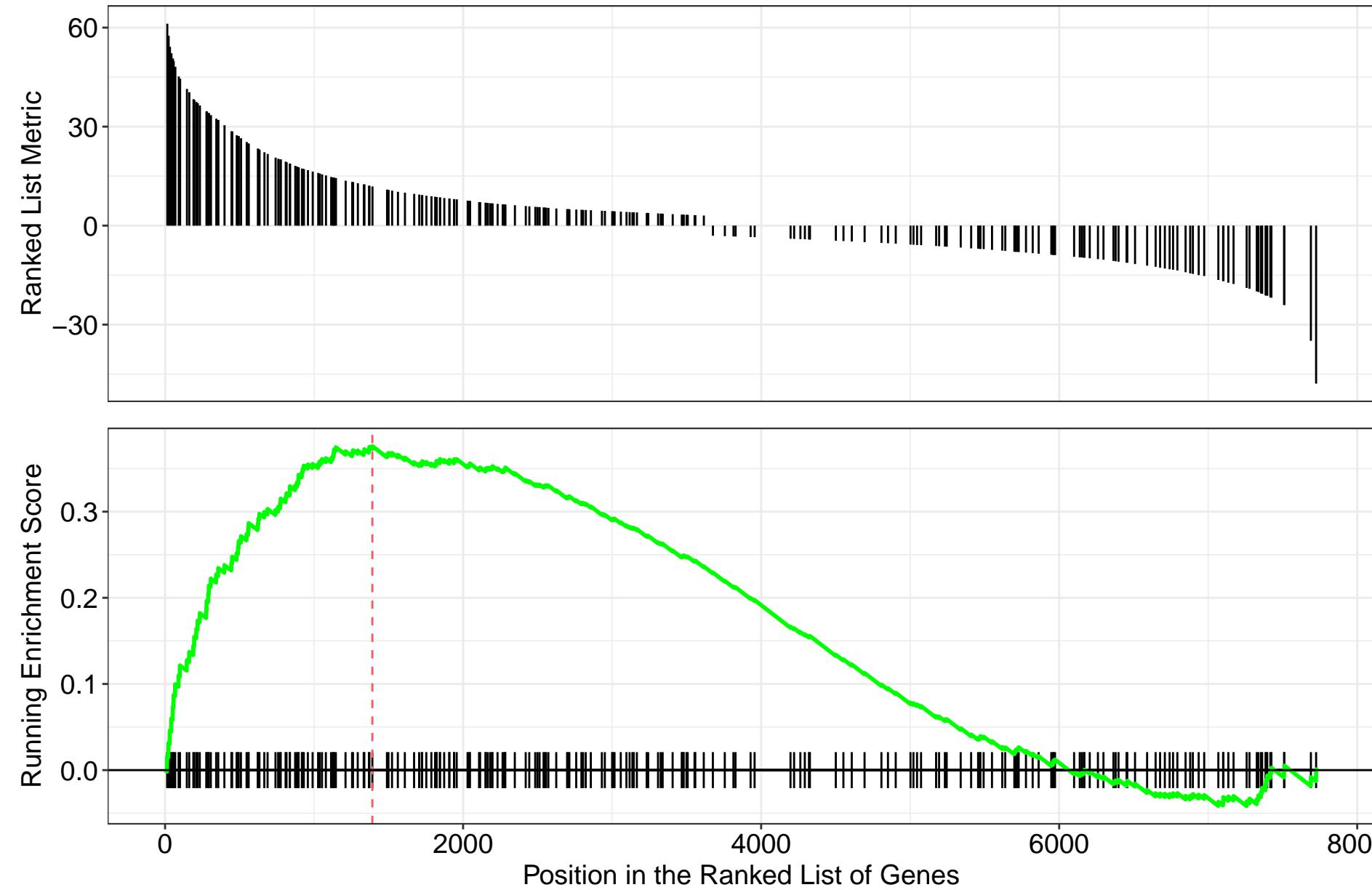
# biological process involved in symbiotic interaction



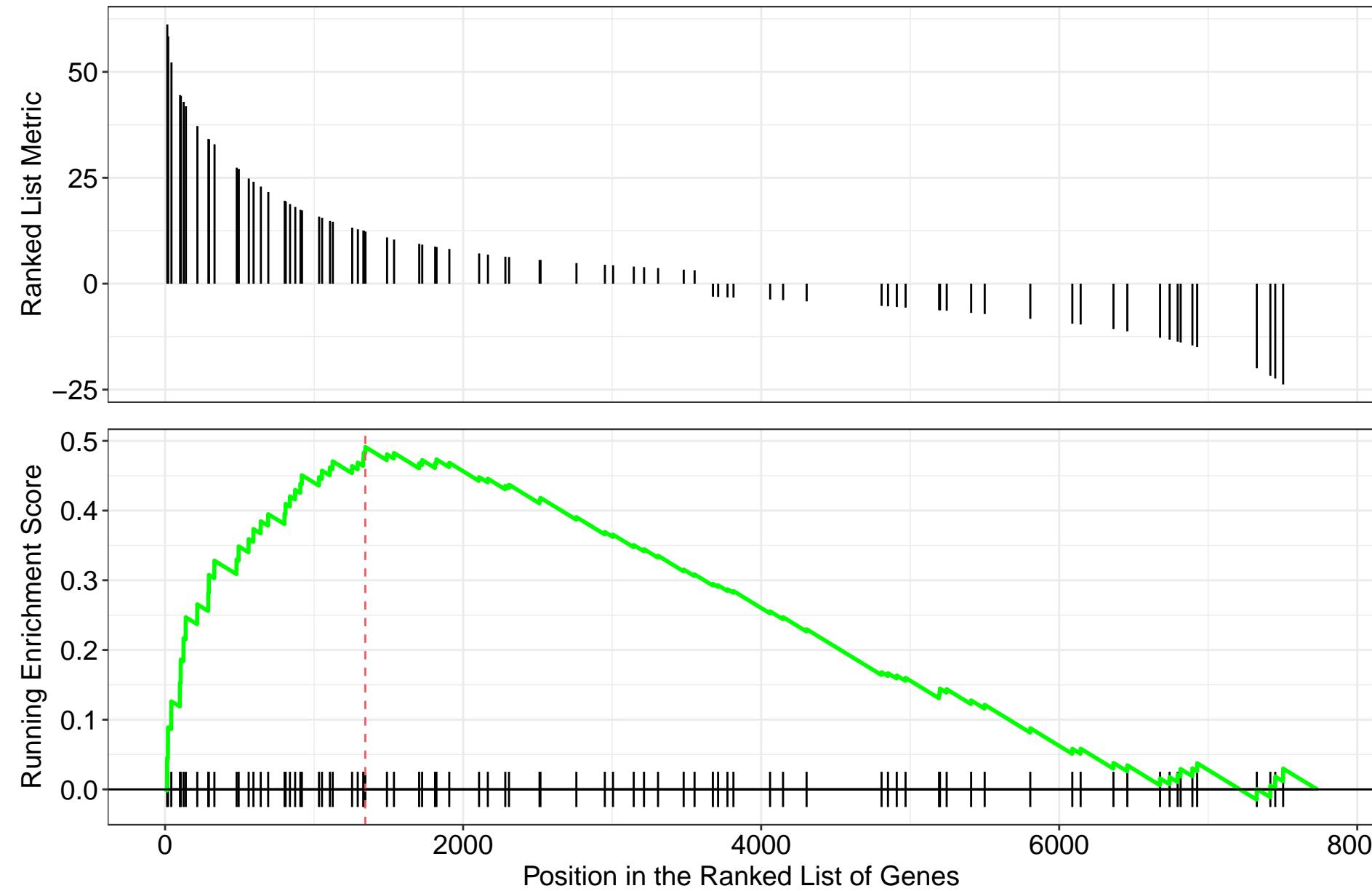
# spindle assembly



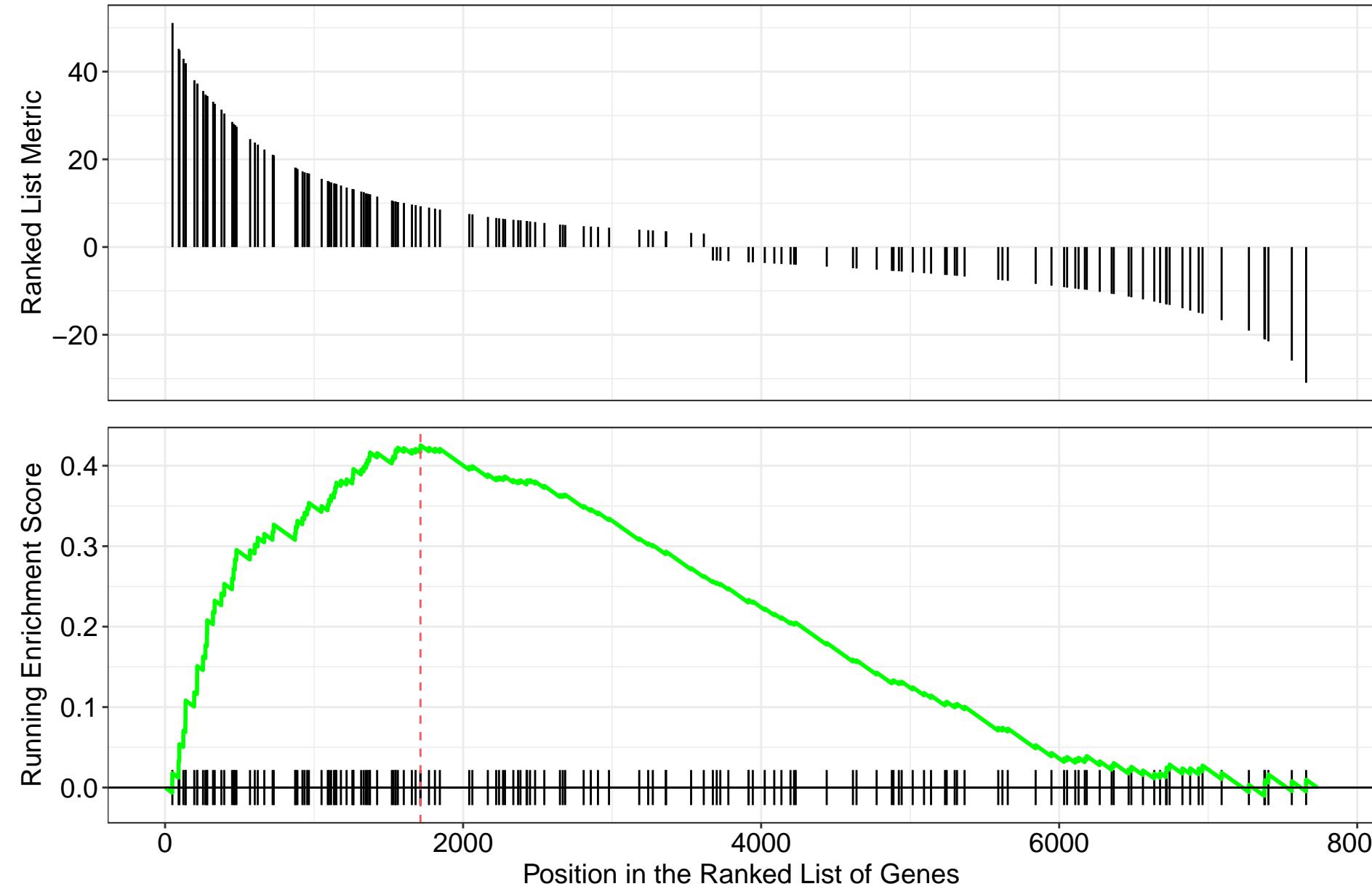
# mononuclear cell differentiation



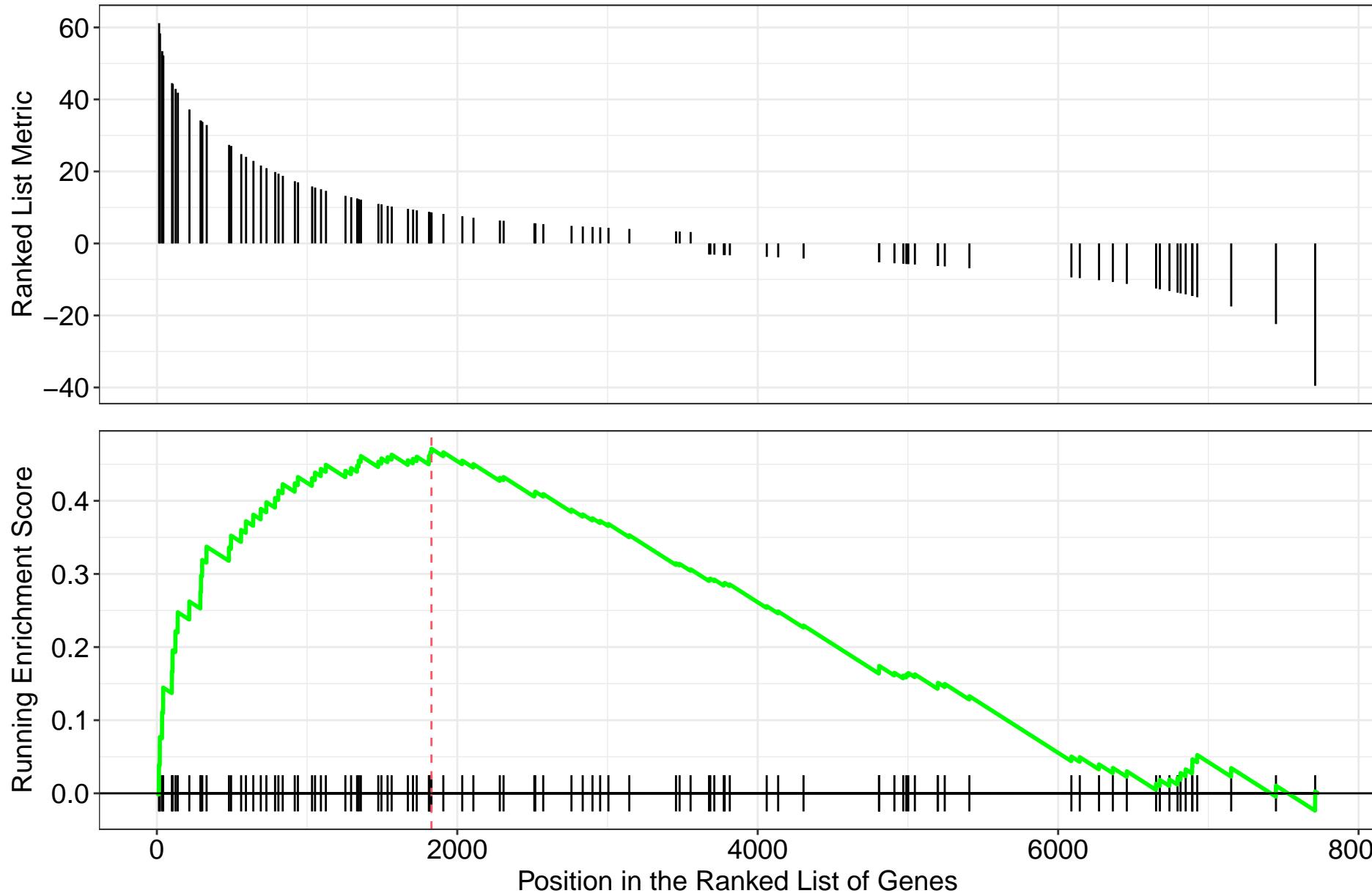
# negative regulation of lymphocyte activation



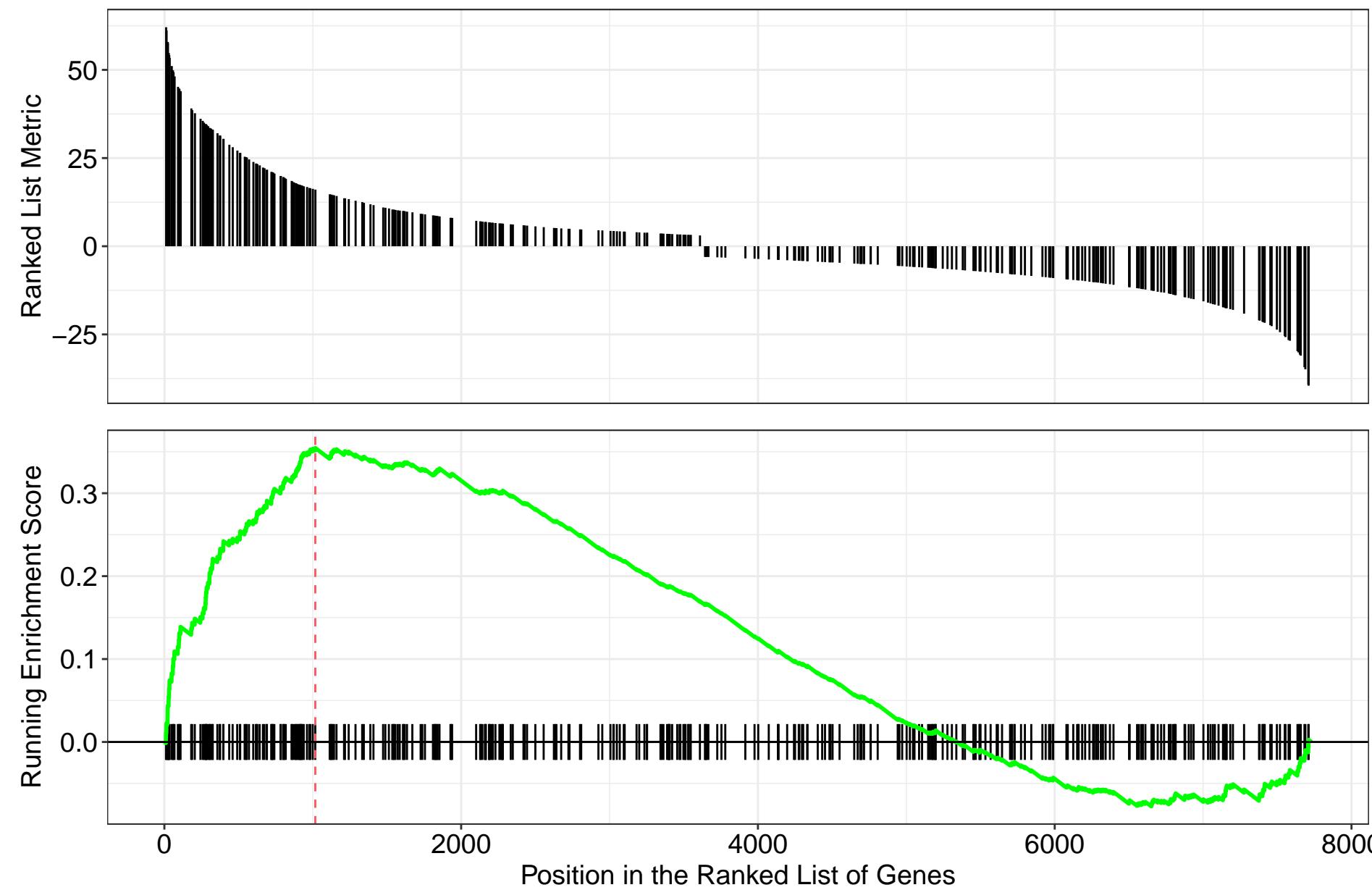
# regulation of endopeptidase activity



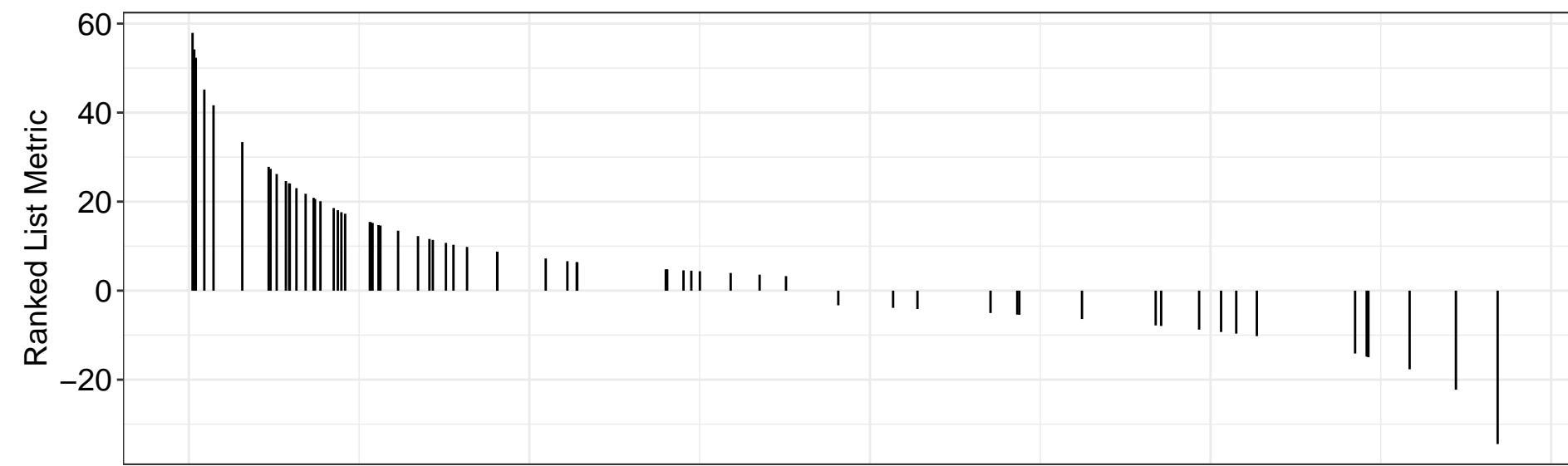
# negative regulation of cell–cell adhesion



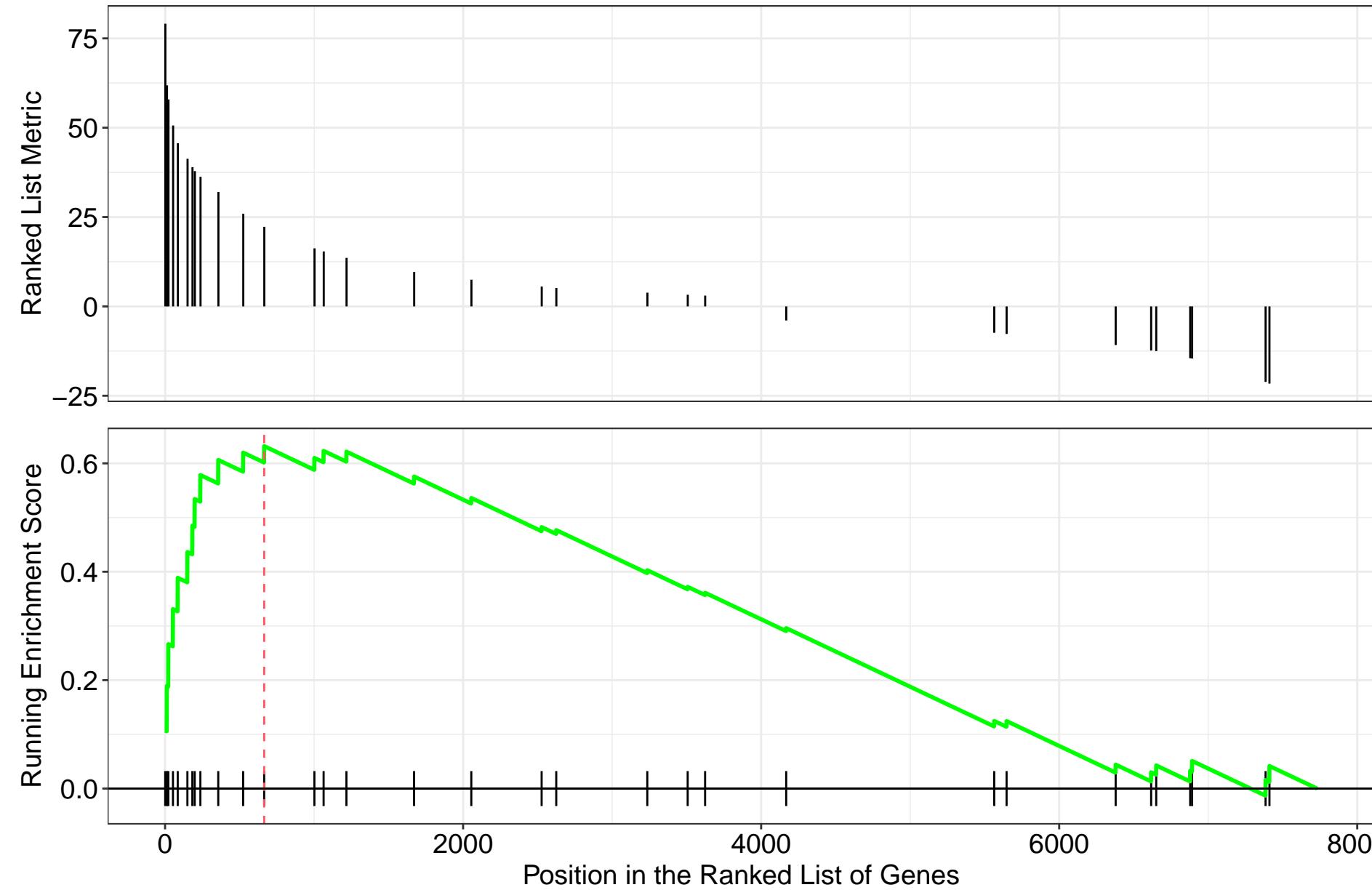
# positive regulation of phosphorylation



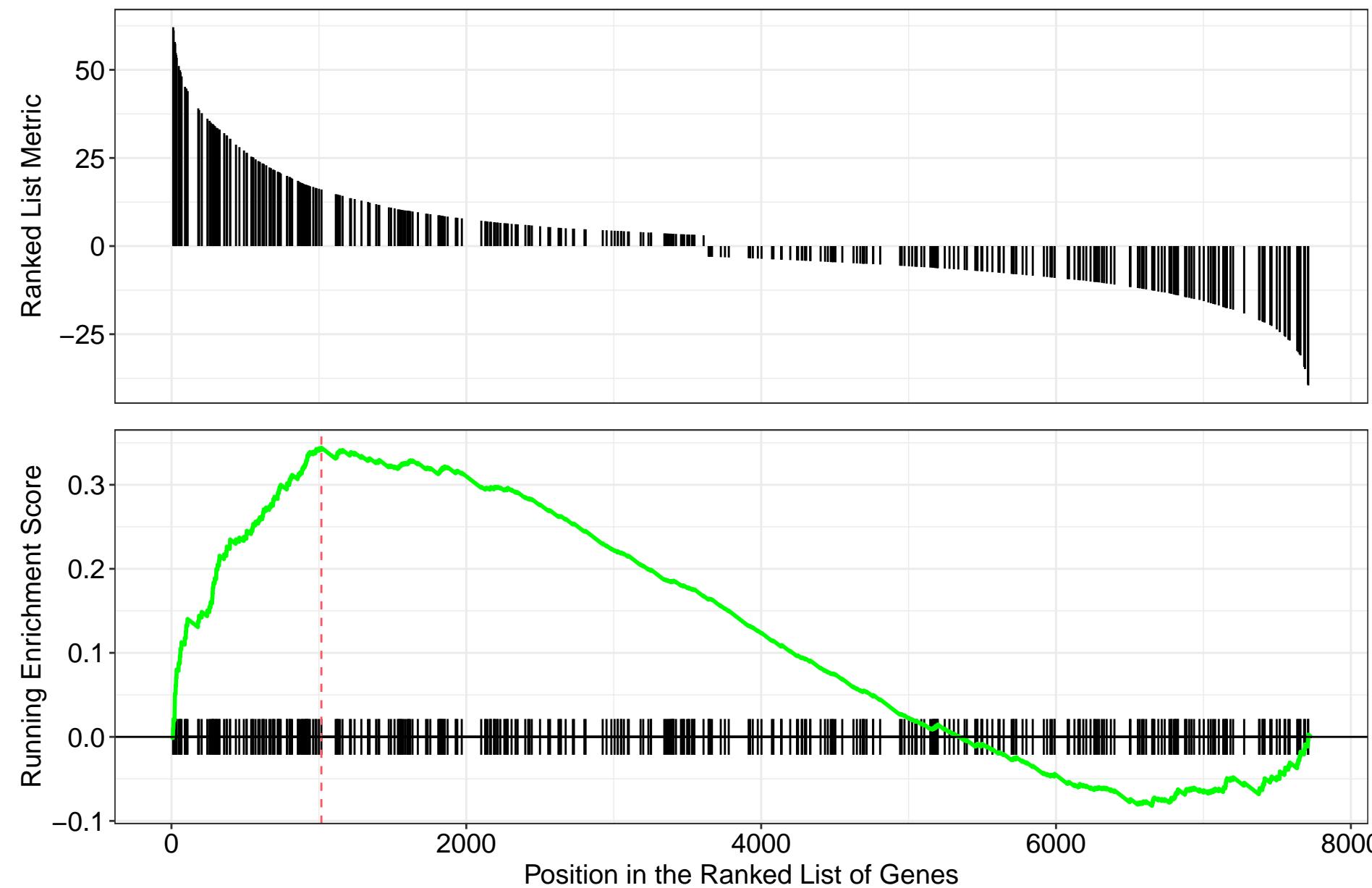
# chemokine production



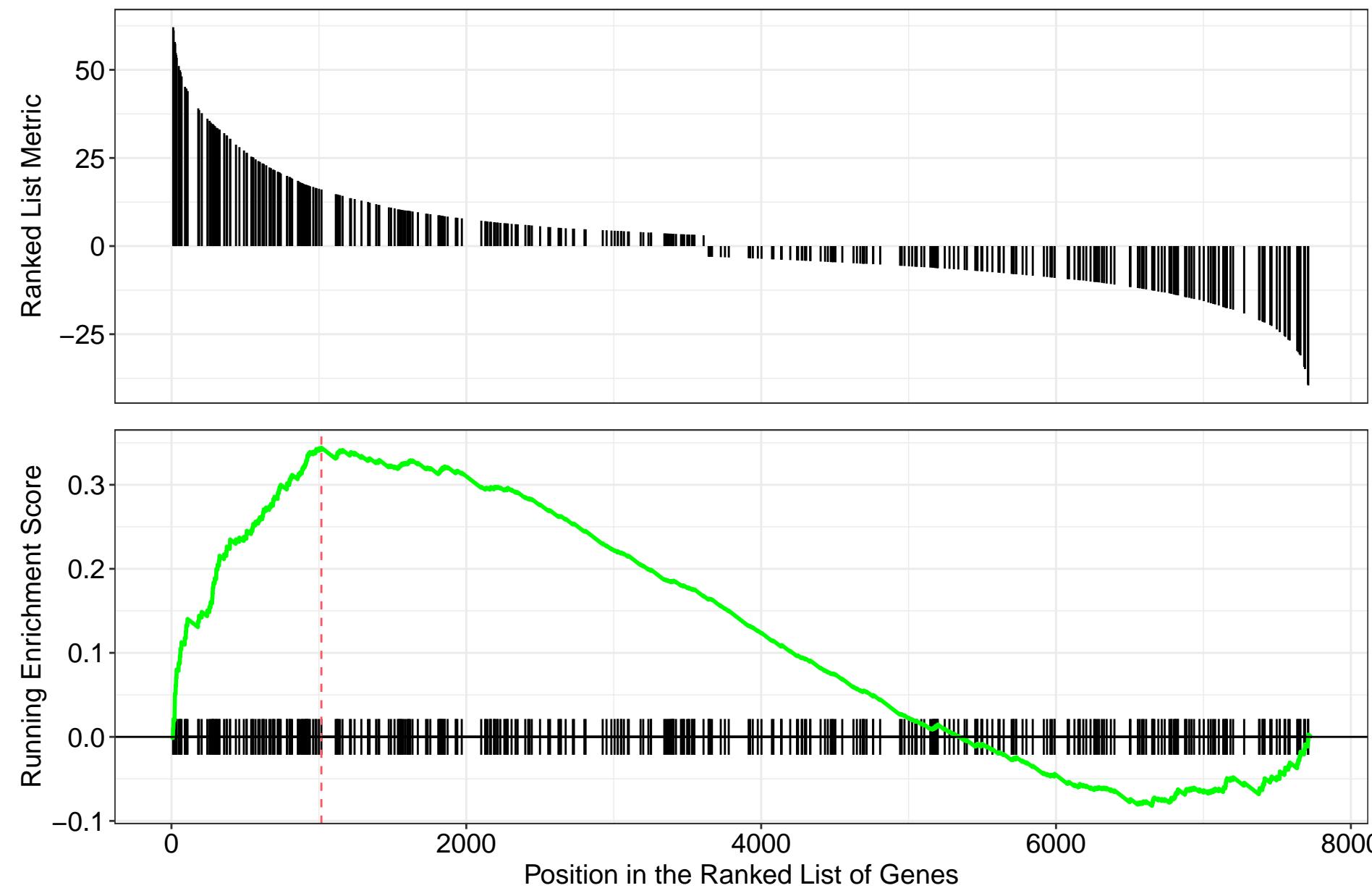
# lymphocyte chemotaxis



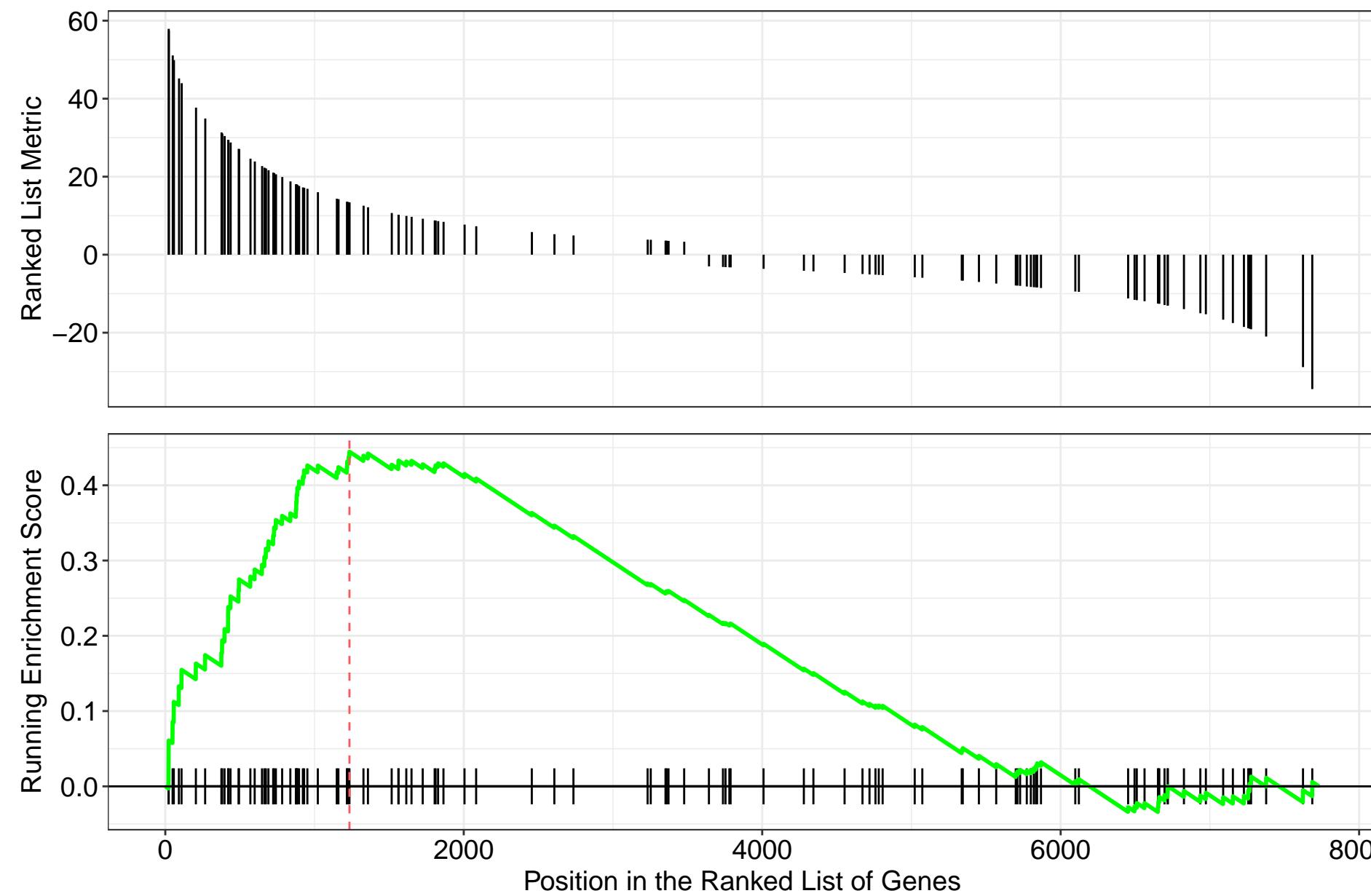
# positive regulation of phosphorus metabolic process



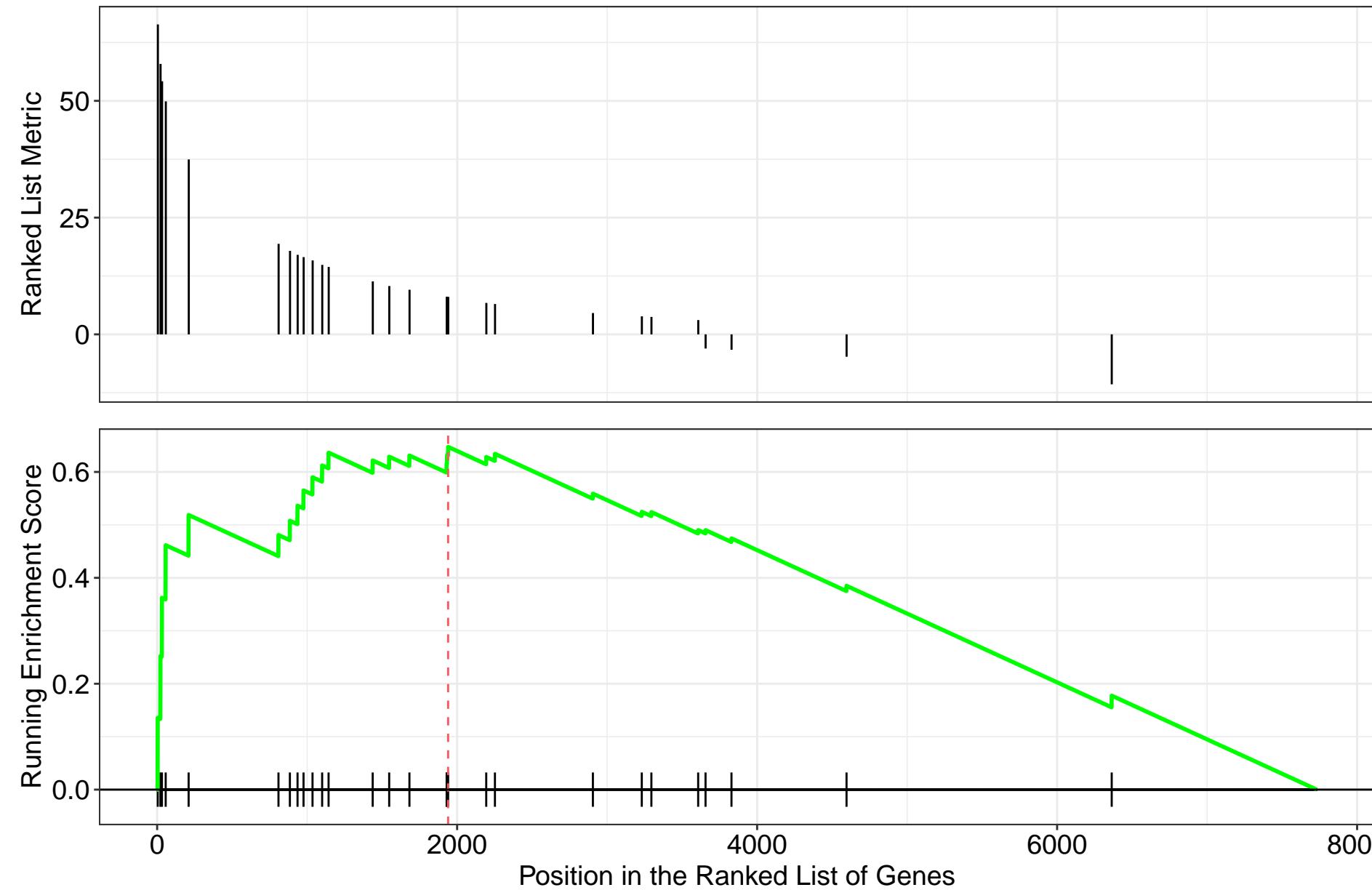
# positive regulation of phosphate metabolic process



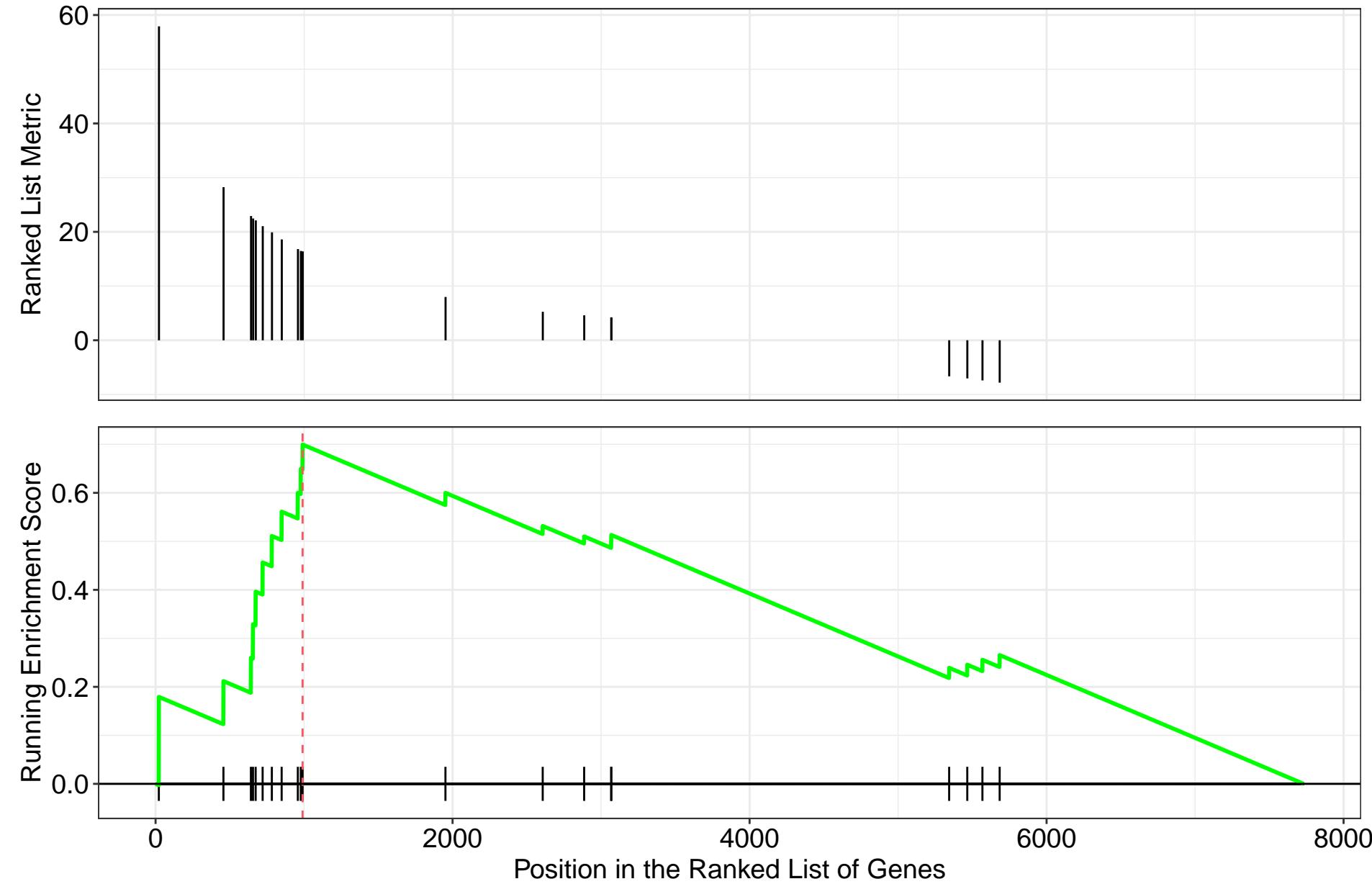
# muscle cell proliferation



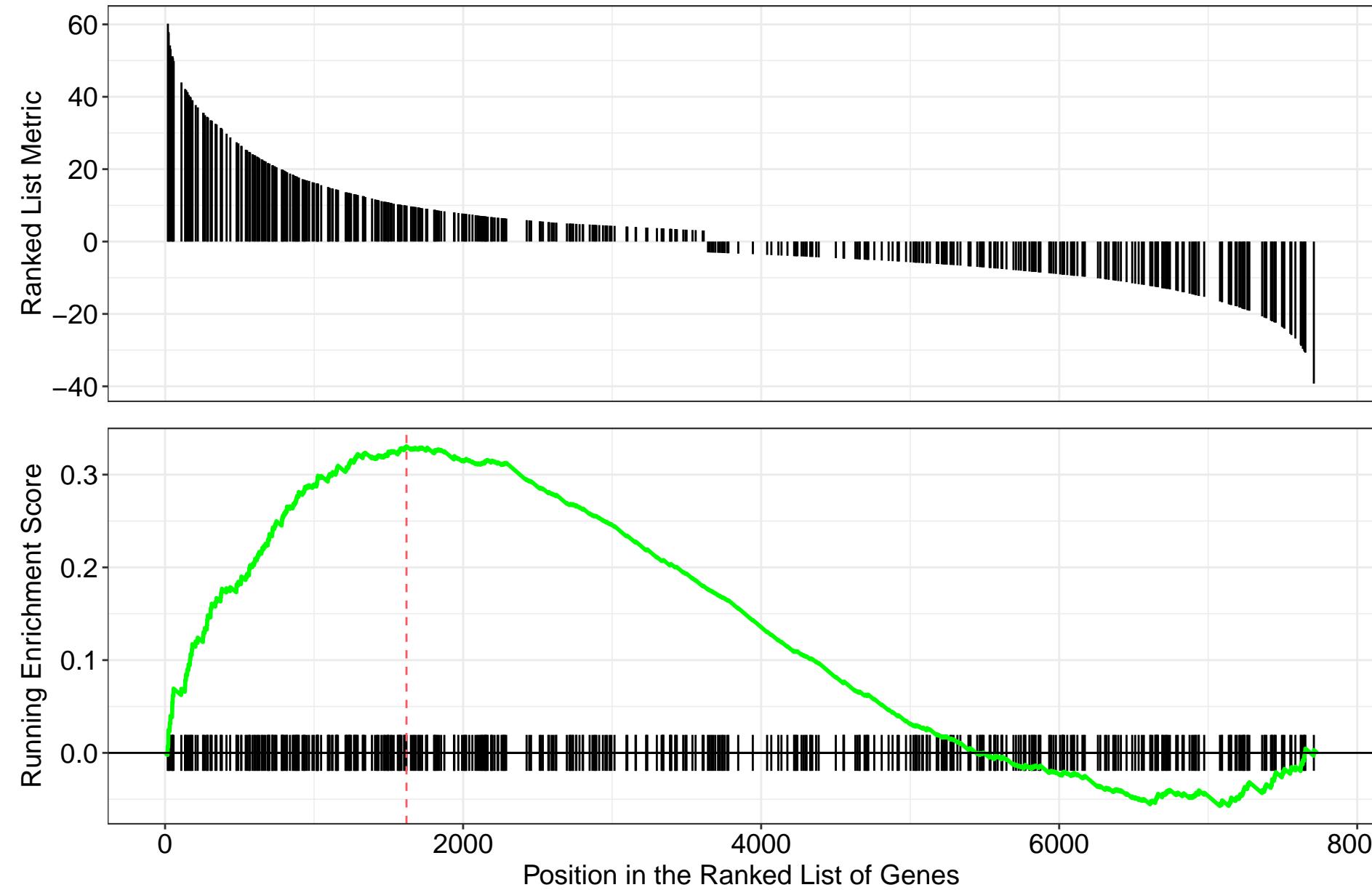
# regulation of defense response to virus by host



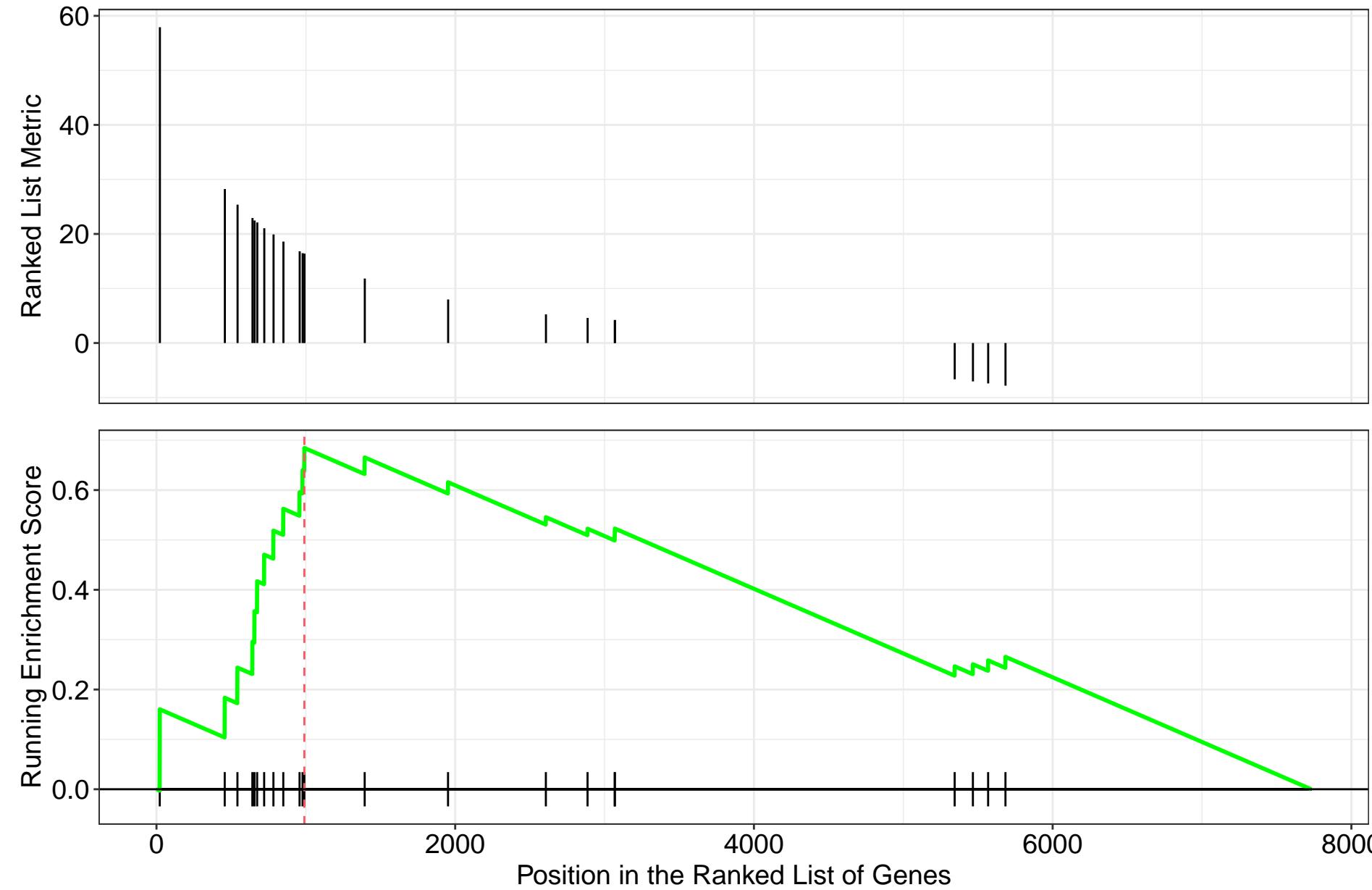
# positive regulation of phospholipase activity



# circulatory system development

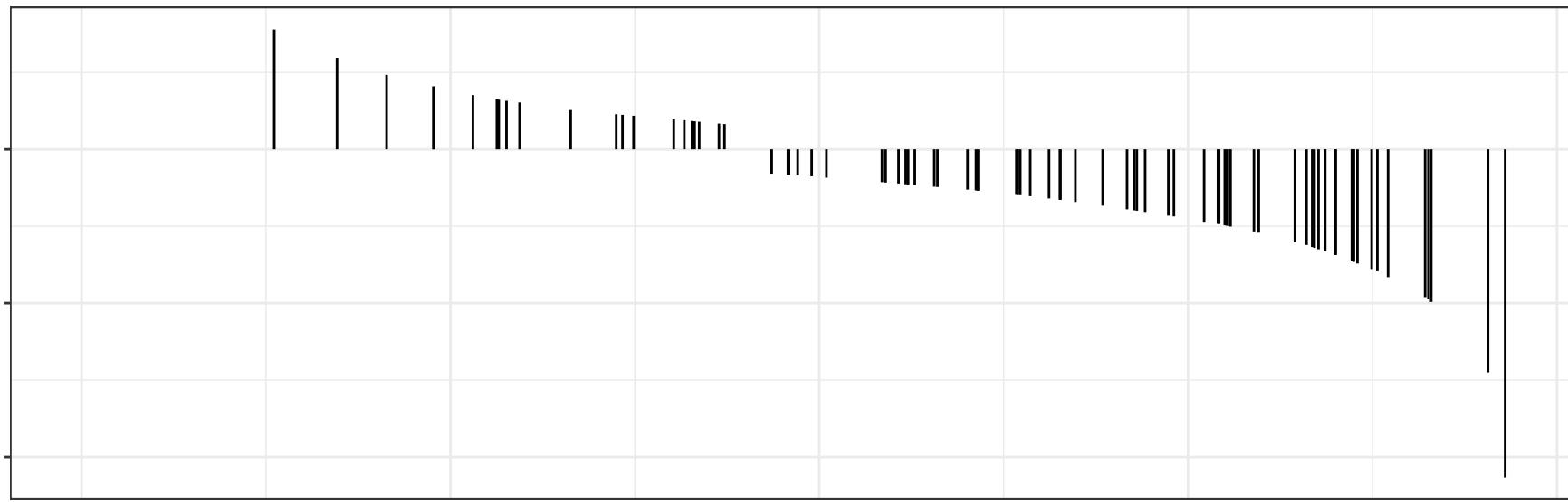


# positive regulation of lipase activity

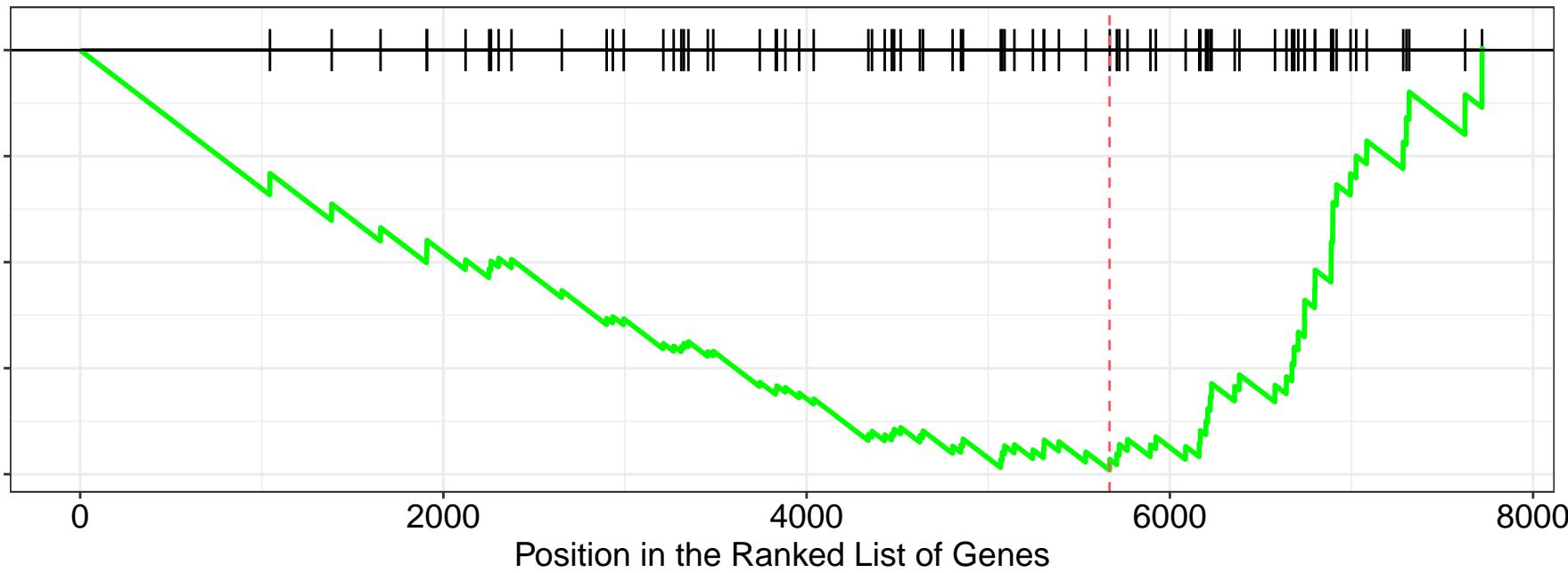


# double-strand break repair via homologous recombination

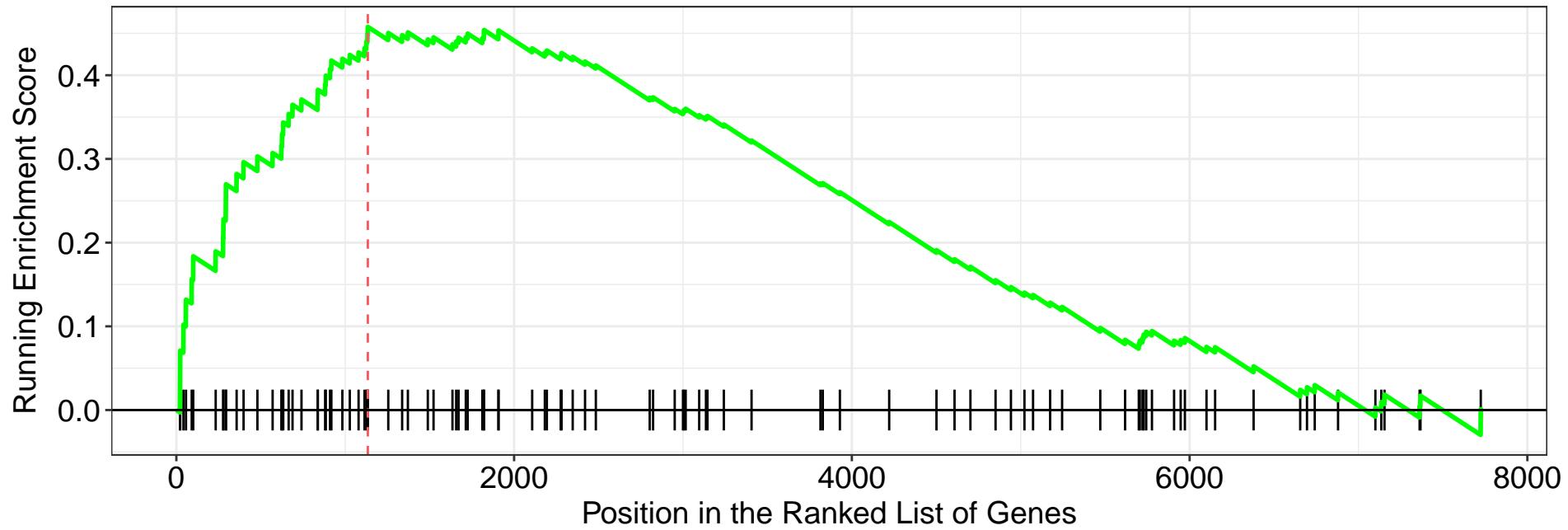
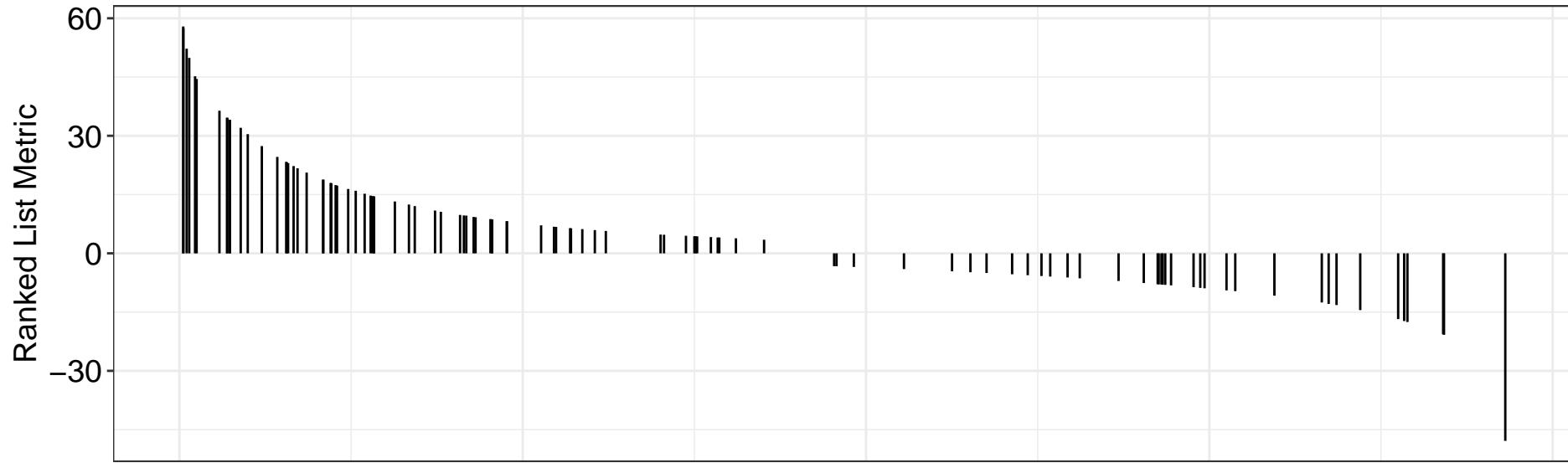
Ranked List Metric



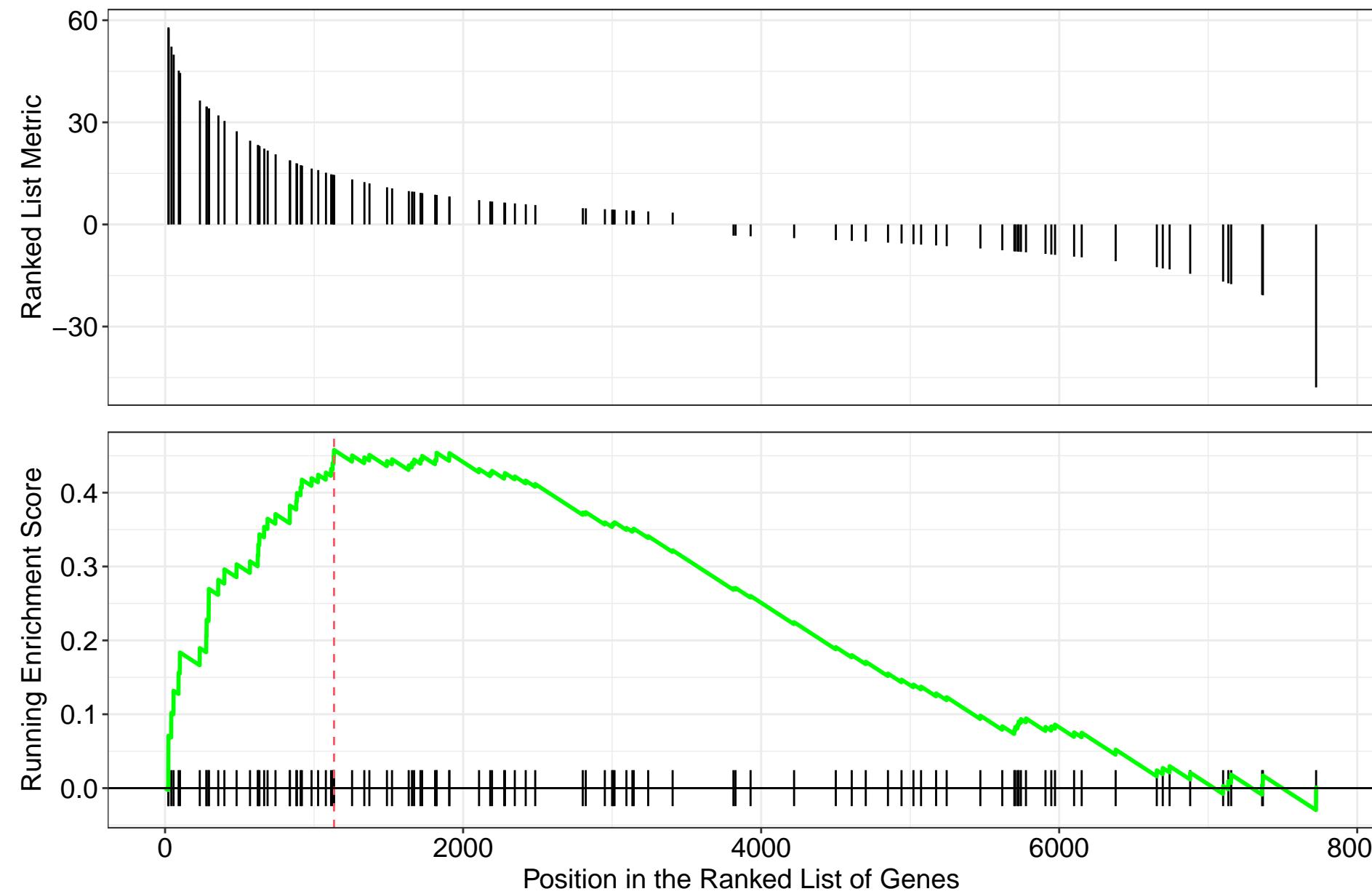
Running Enrichment Score



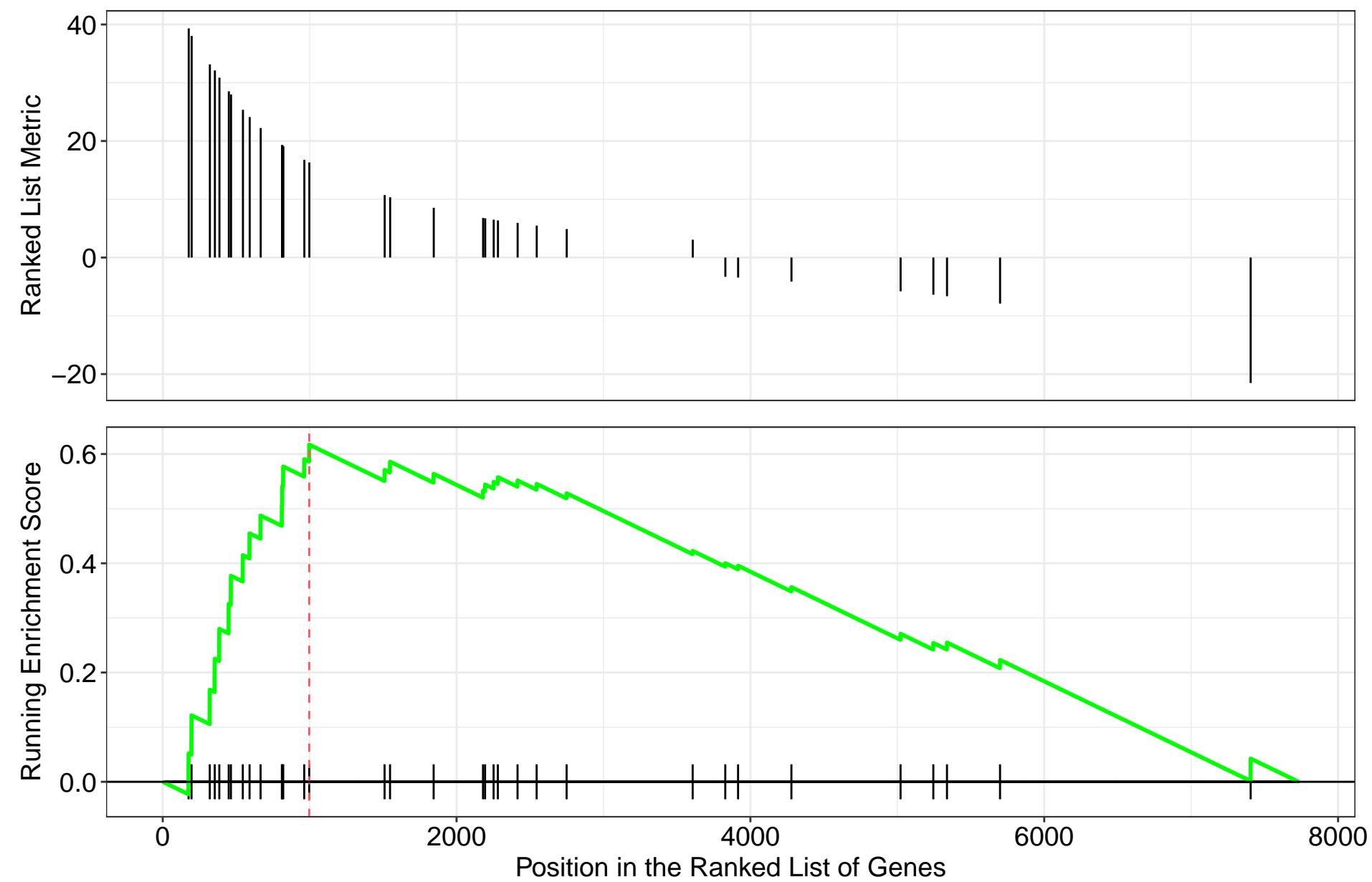
# positive regulation of leukocyte differentiation



# positive regulation of hemopoiesis

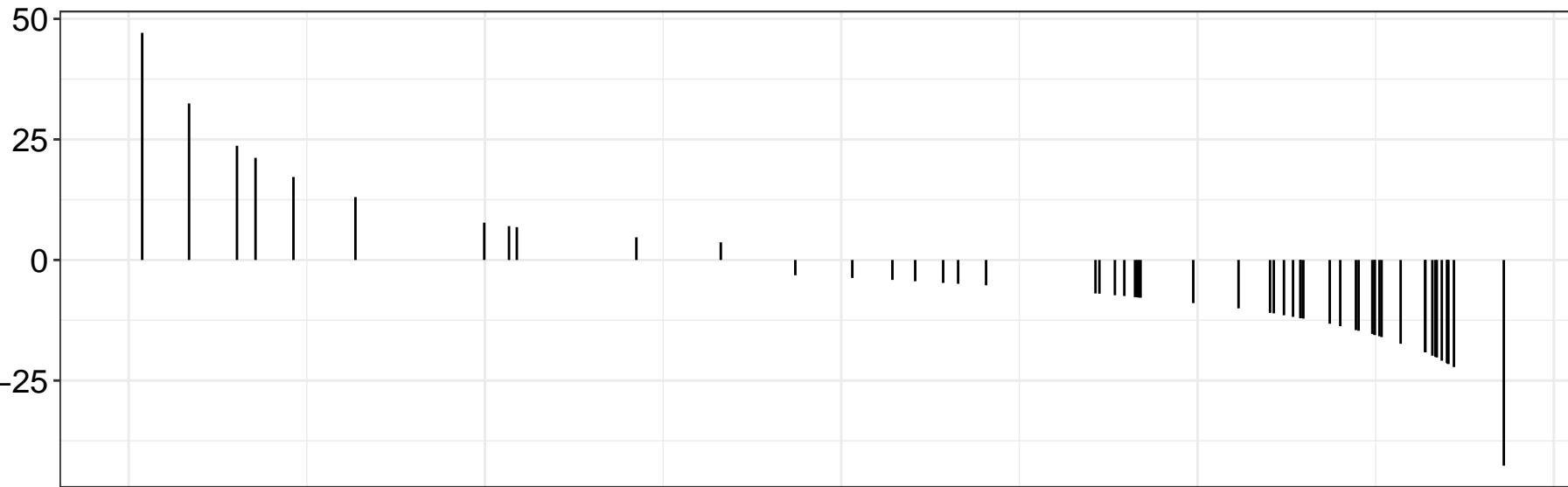


# activation of innate immune response



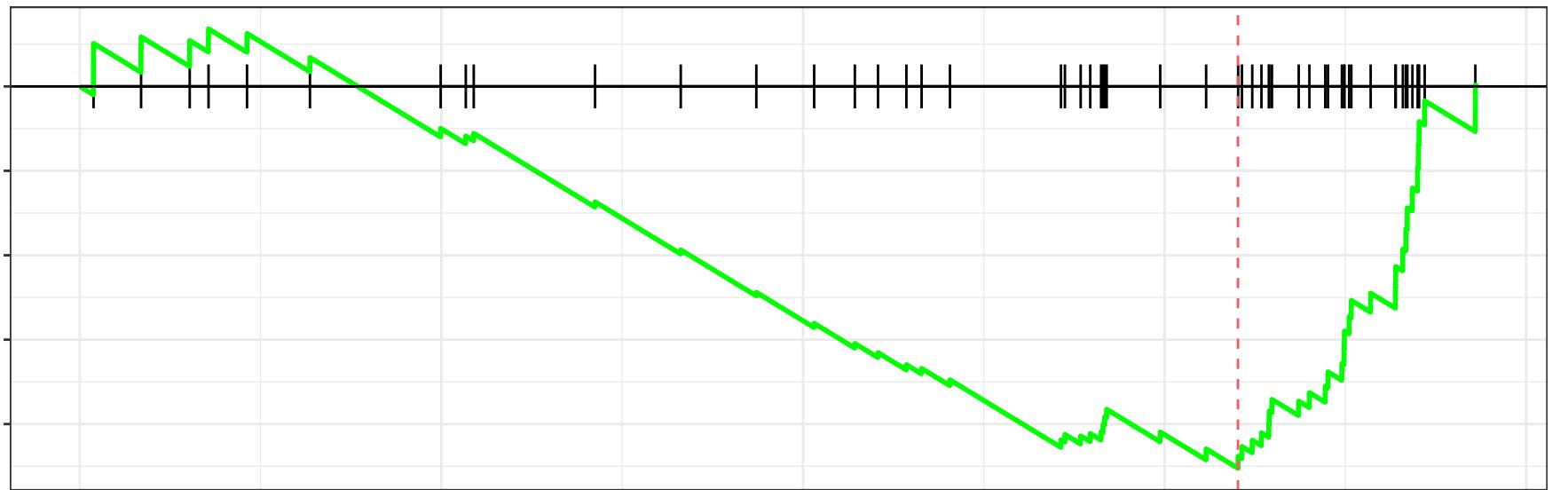
# meiosis I

Ranked List Metric

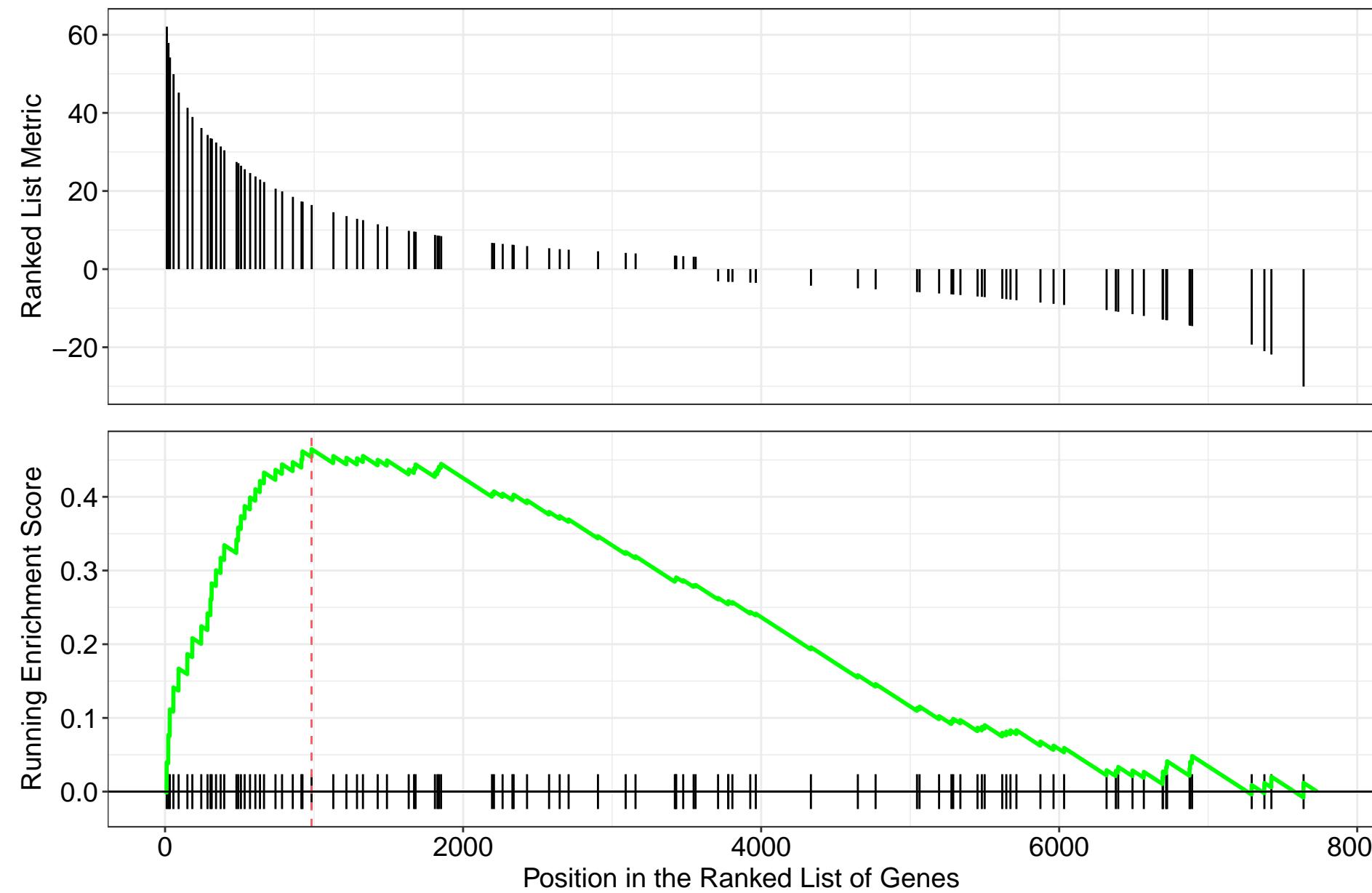


Running Enrichment Score

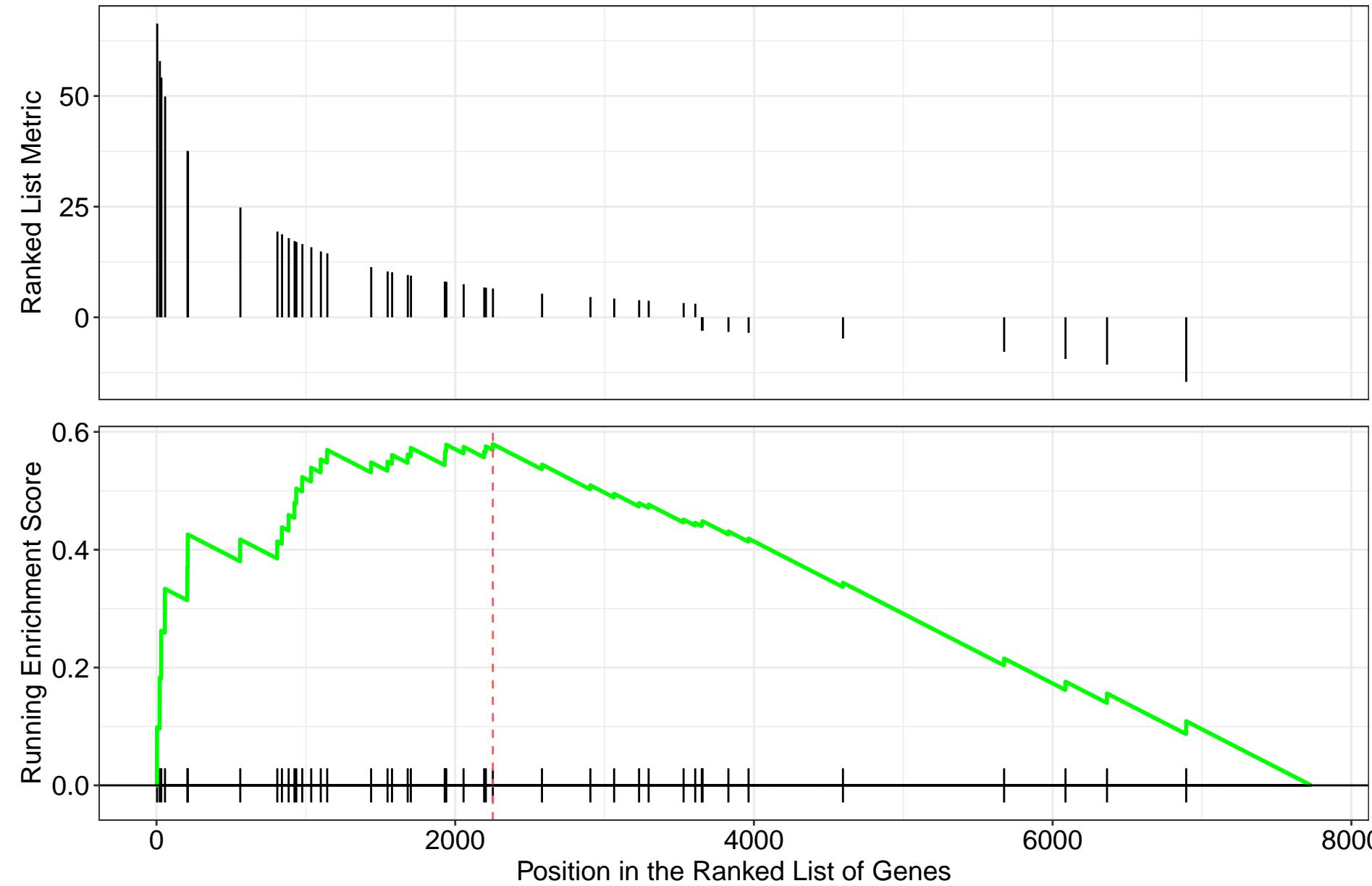
Position in the Ranked List of Genes



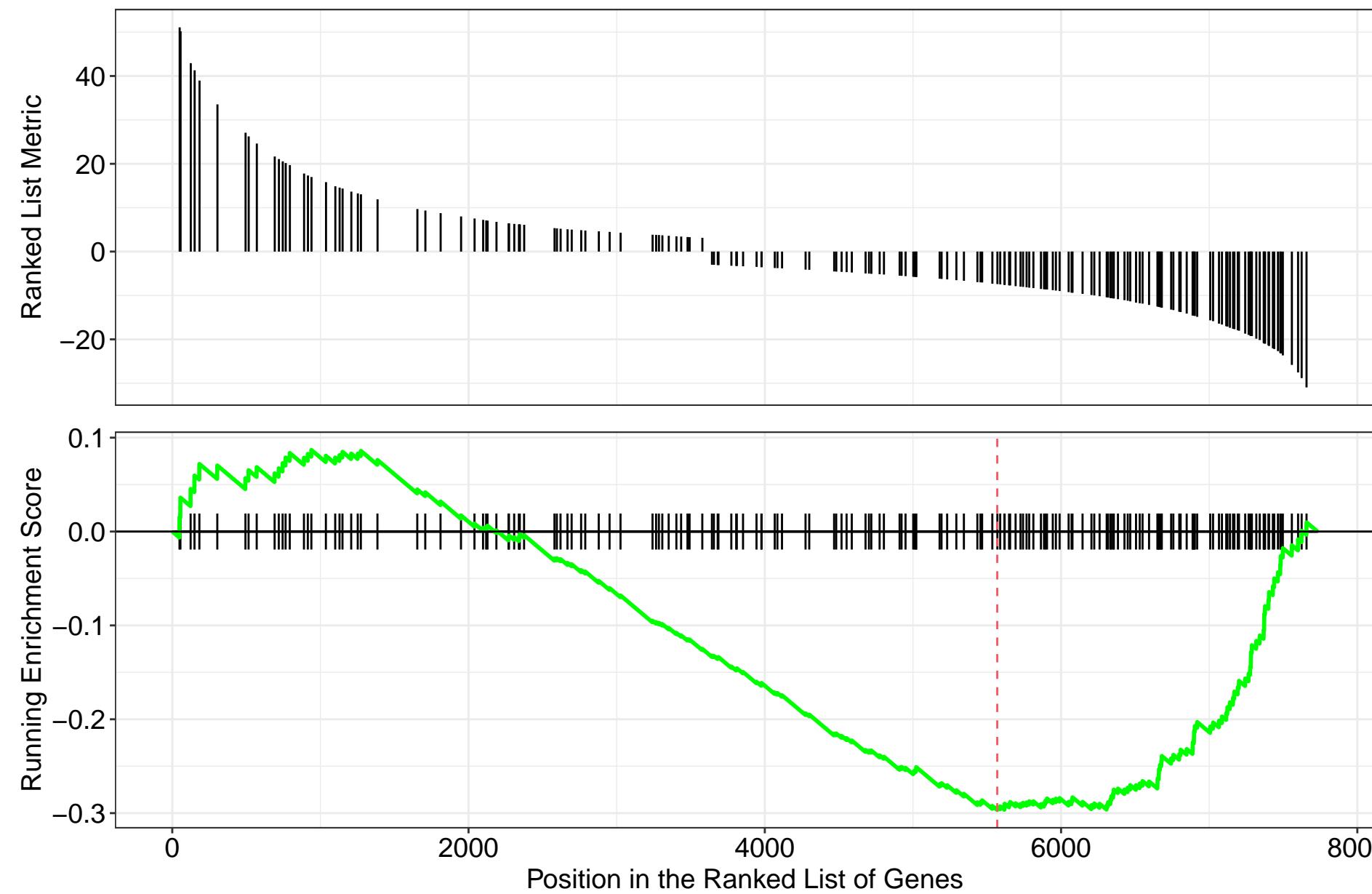
# protein kinase B signaling



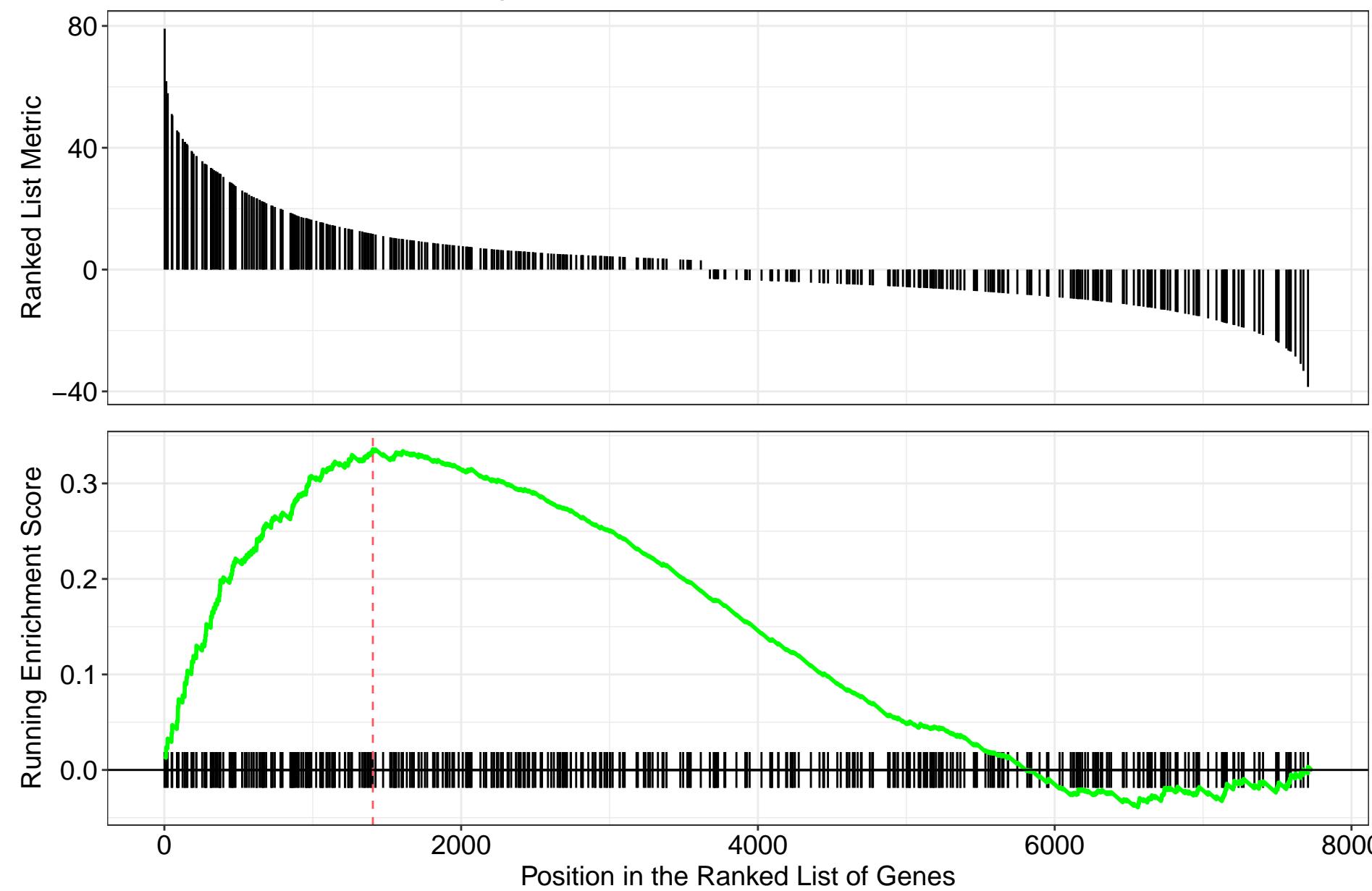
# regulation of defense response to virus



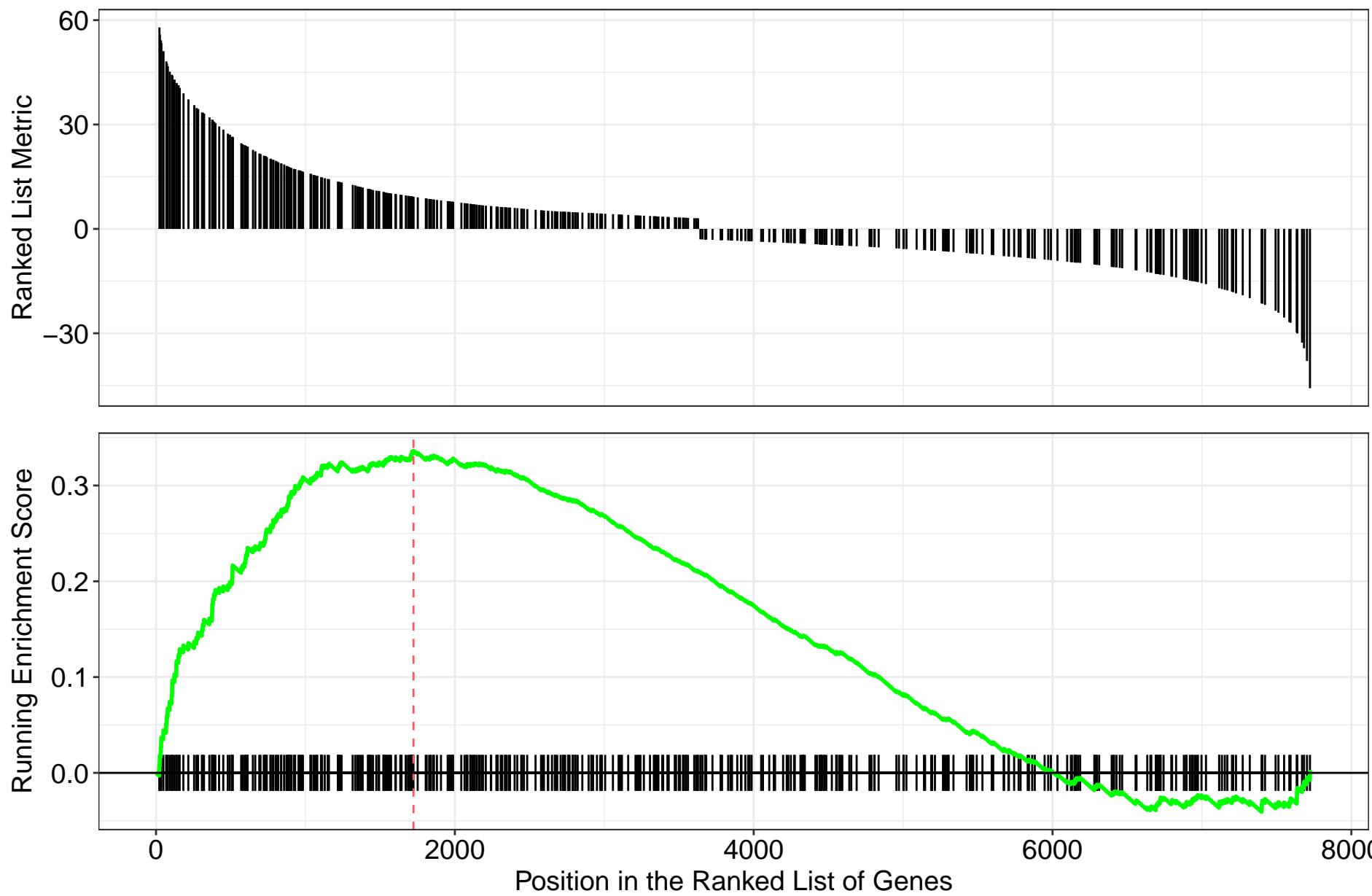
# negative regulation of cell cycle



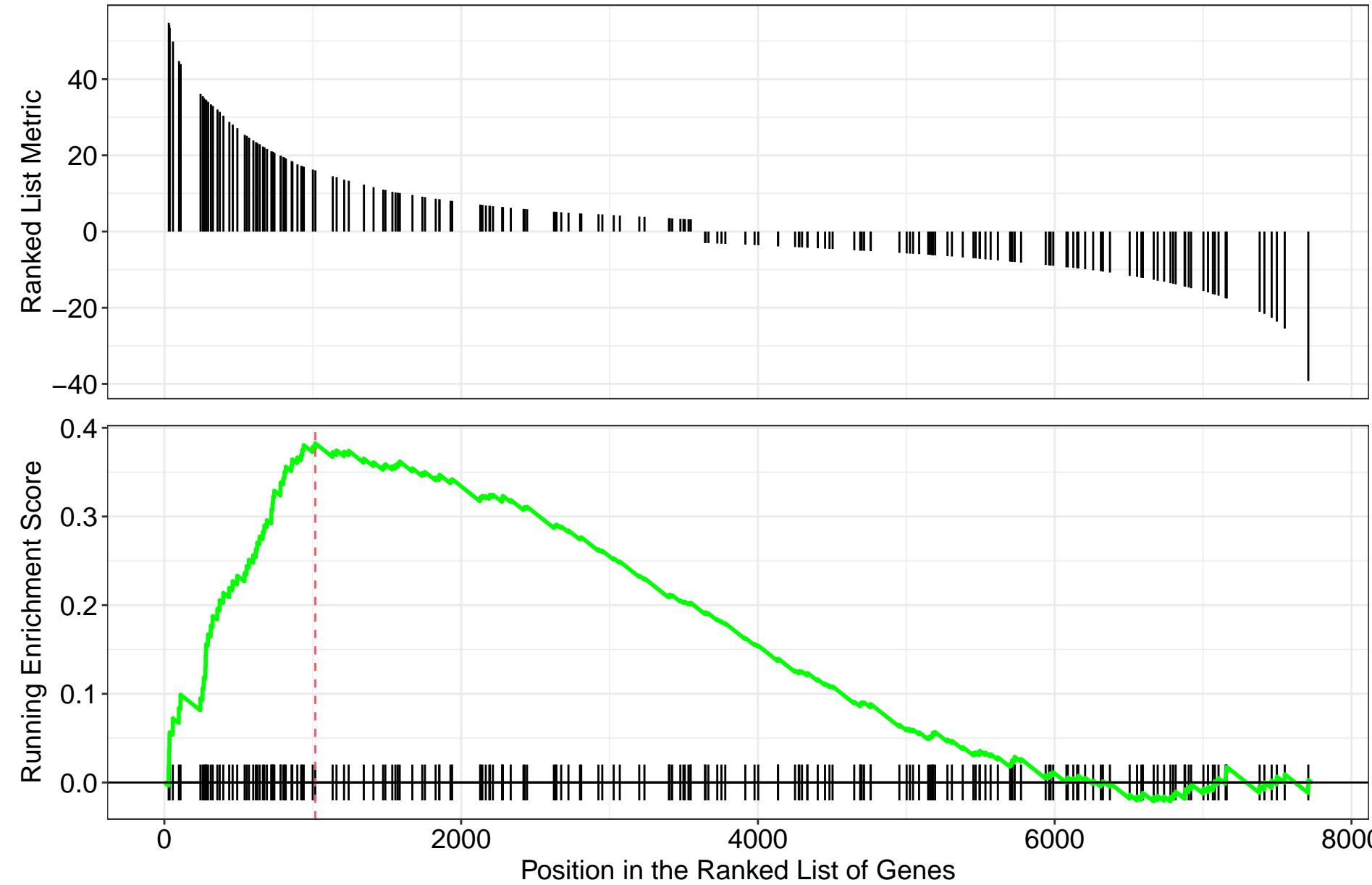
# regulation of hydrolase activity



# negative regulation of programmed cell death

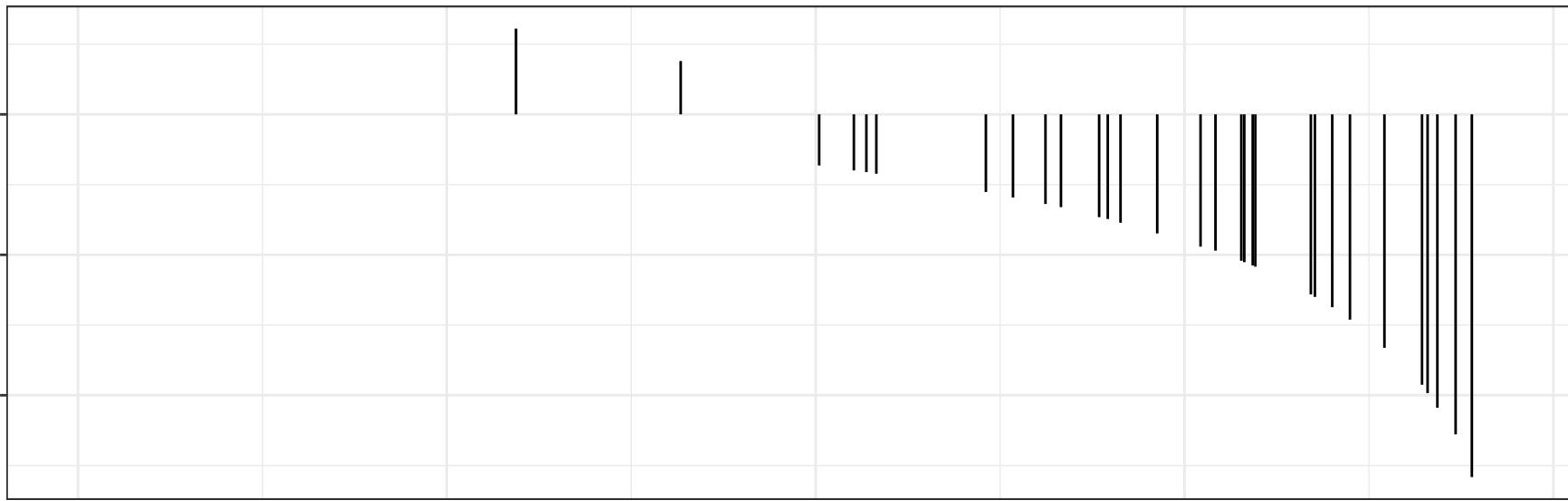


# positive regulation of kinase activity



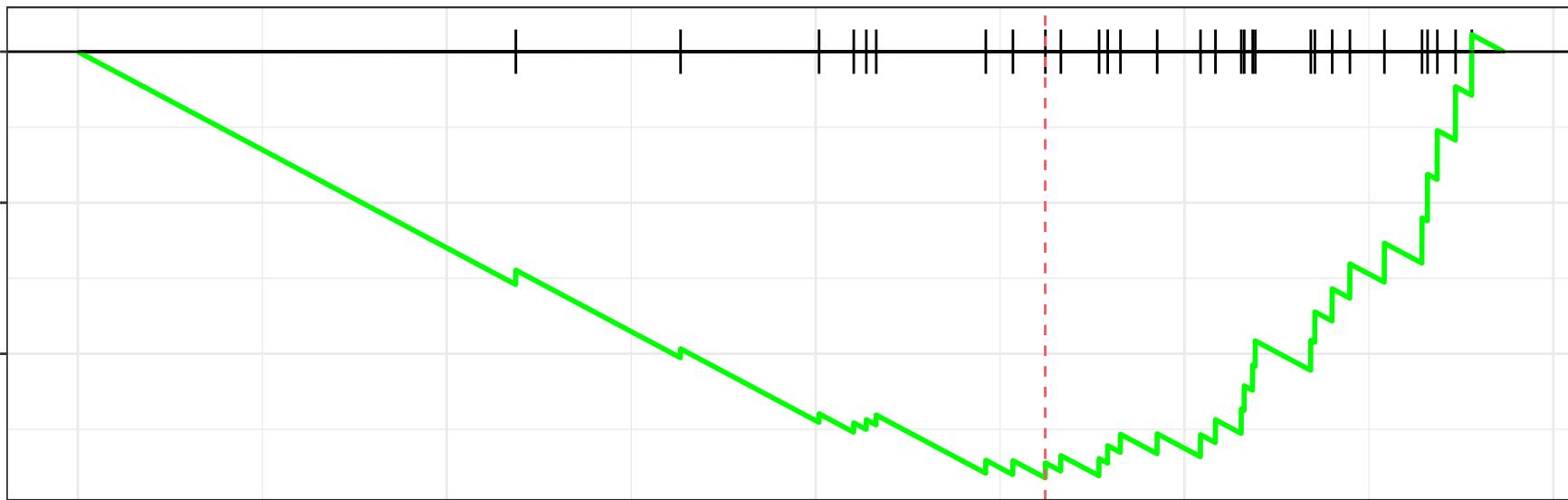
# regulation of DNA–templated DNA replication

Ranked List Metric

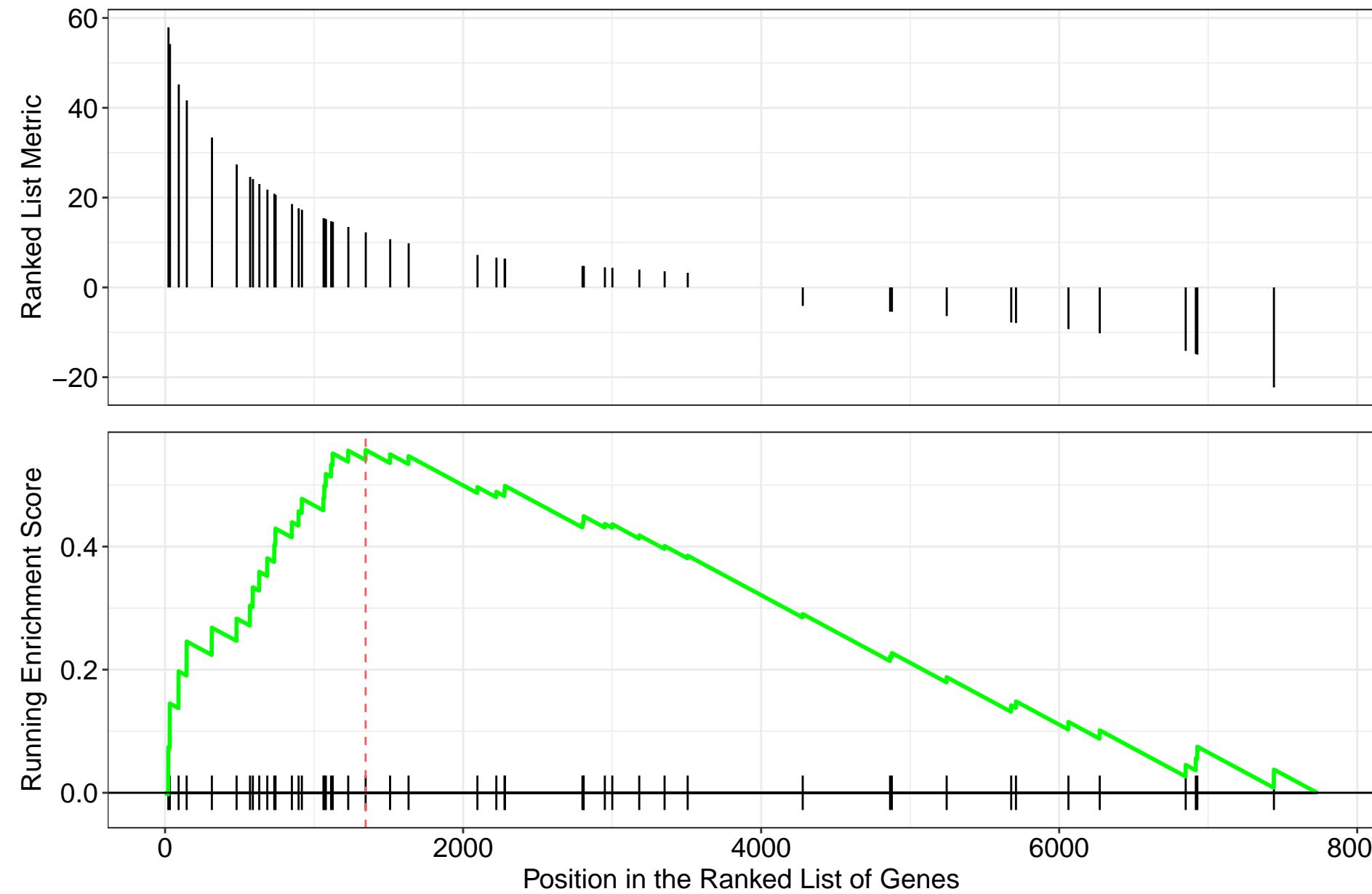


Running Enrichment Score

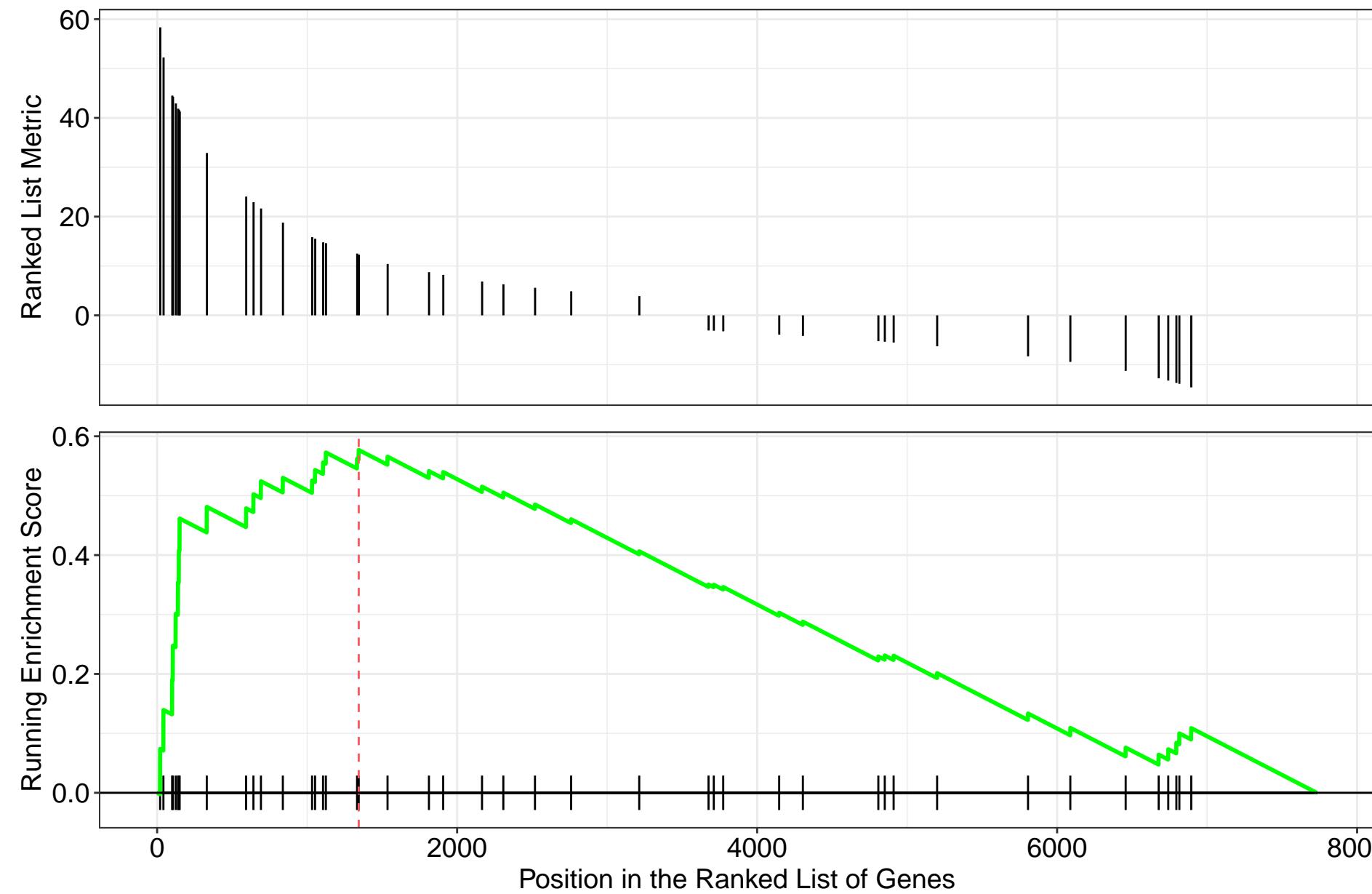
Position in the Ranked List of Genes



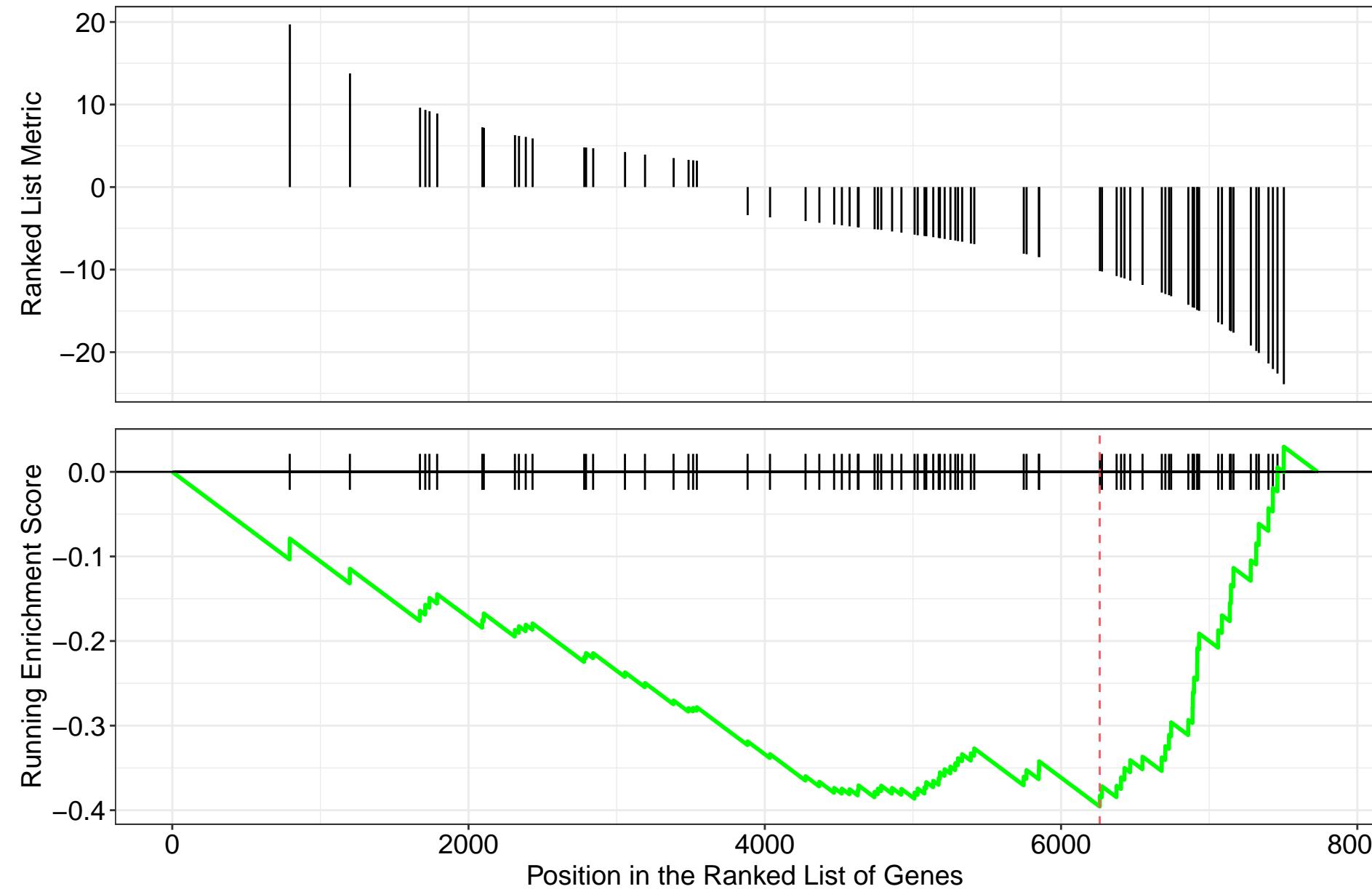
# positive regulation of chemokine production



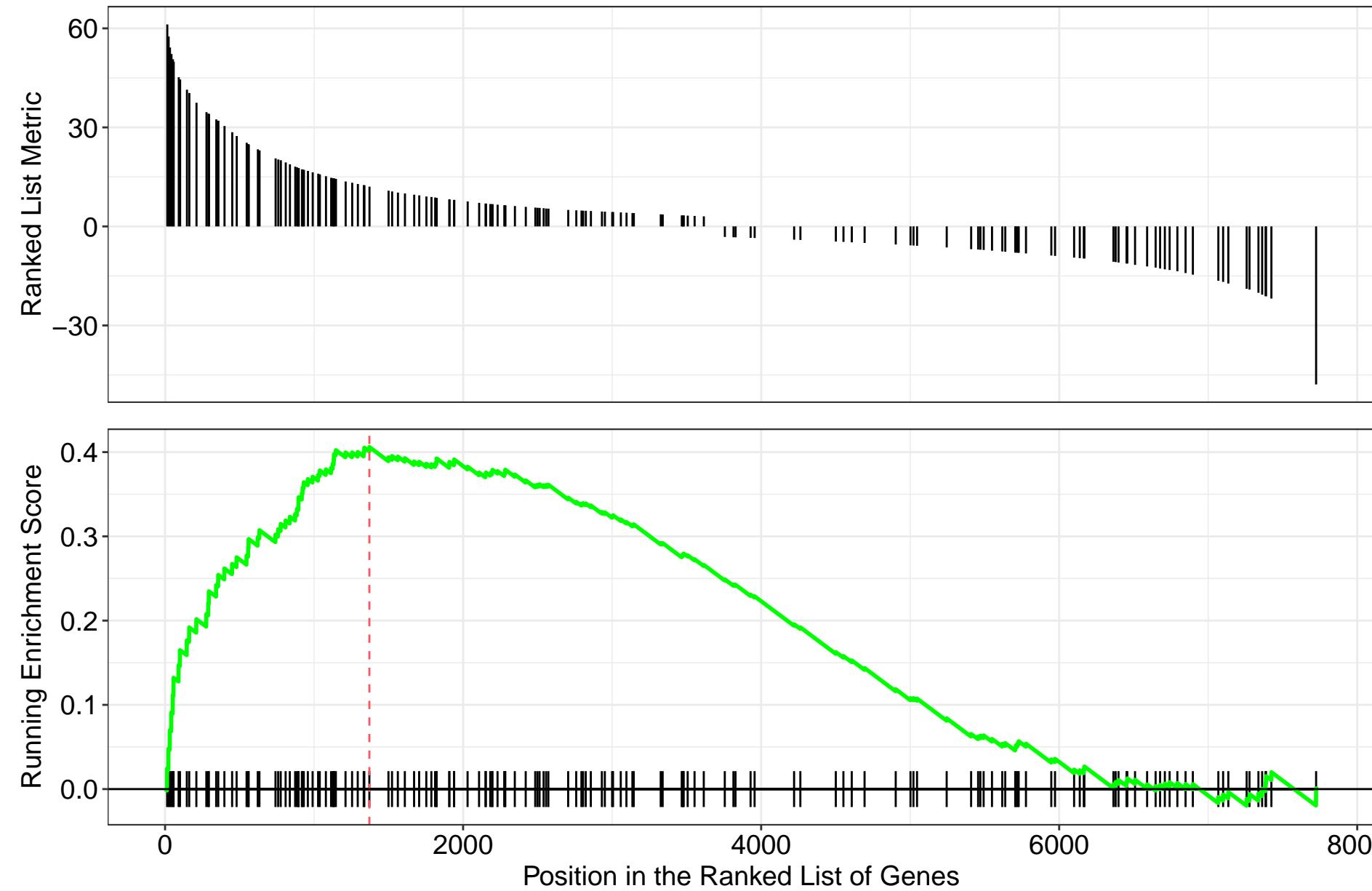
# negative regulation of leukocyte proliferation



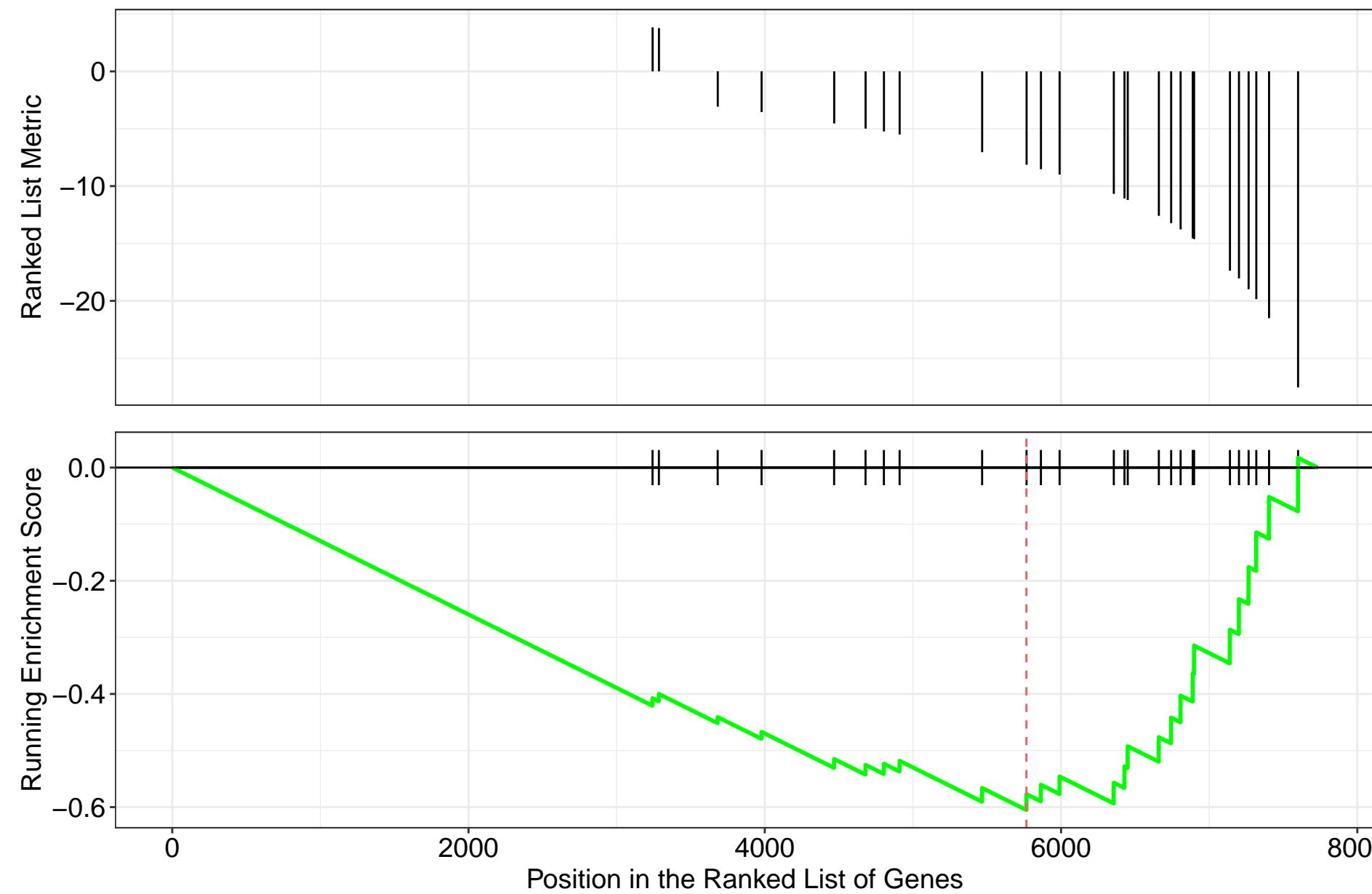
# microtubule organizing center organization



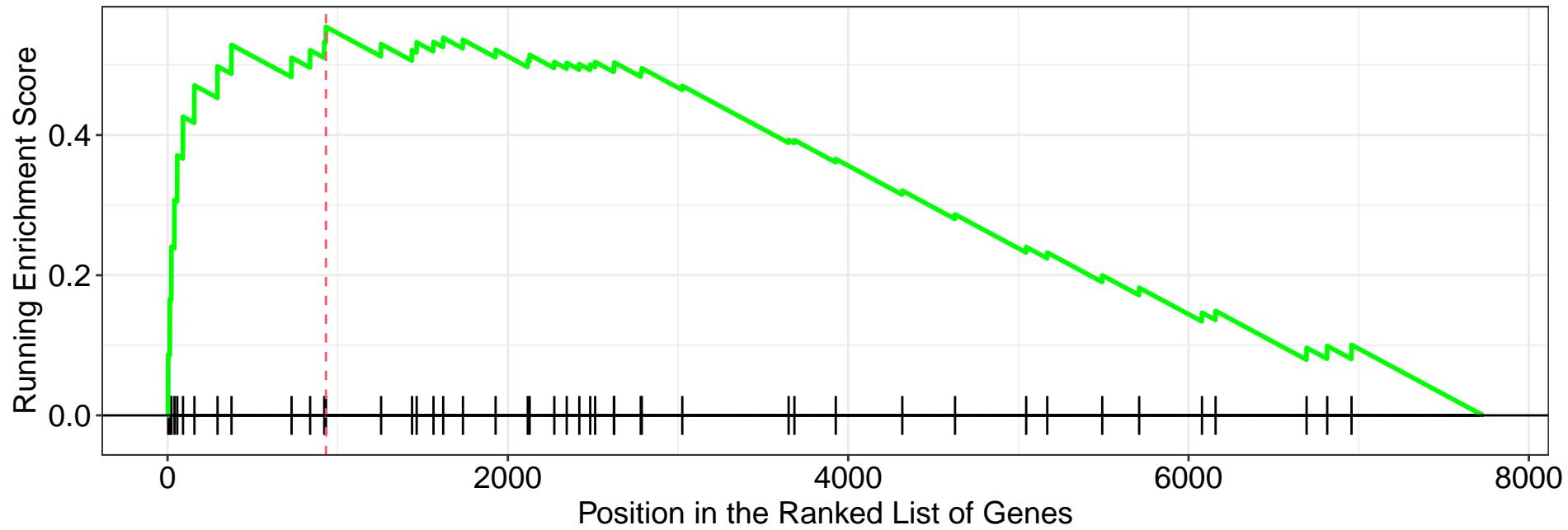
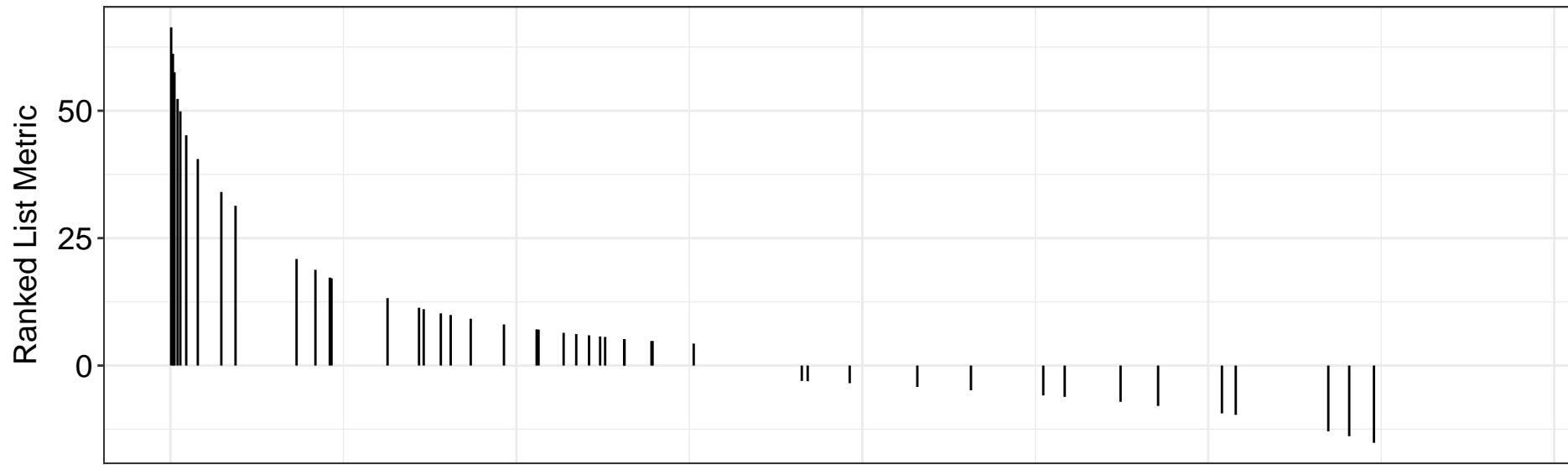
# T cell differentiation



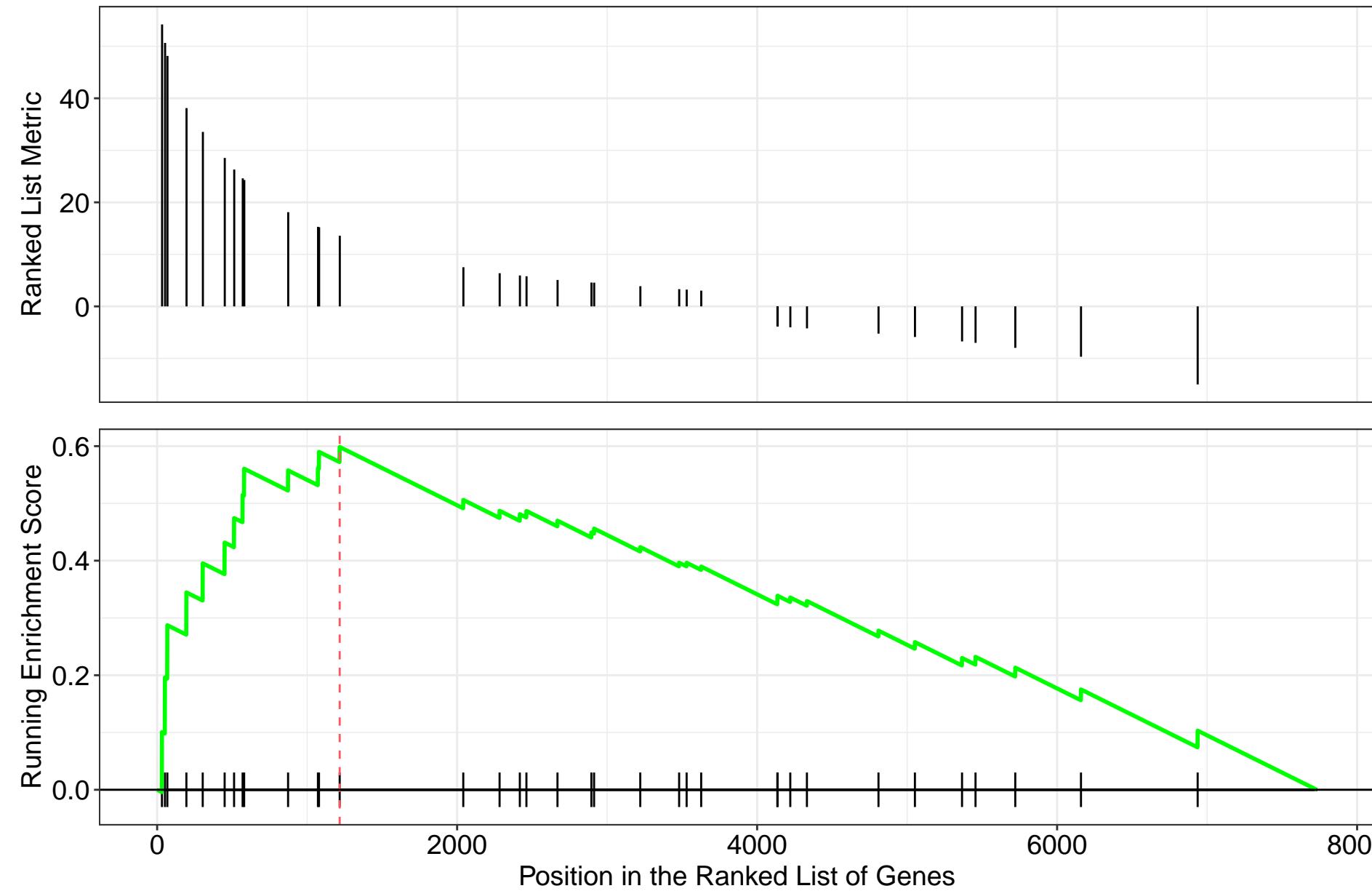
# regulation of cell cycle checkpoint



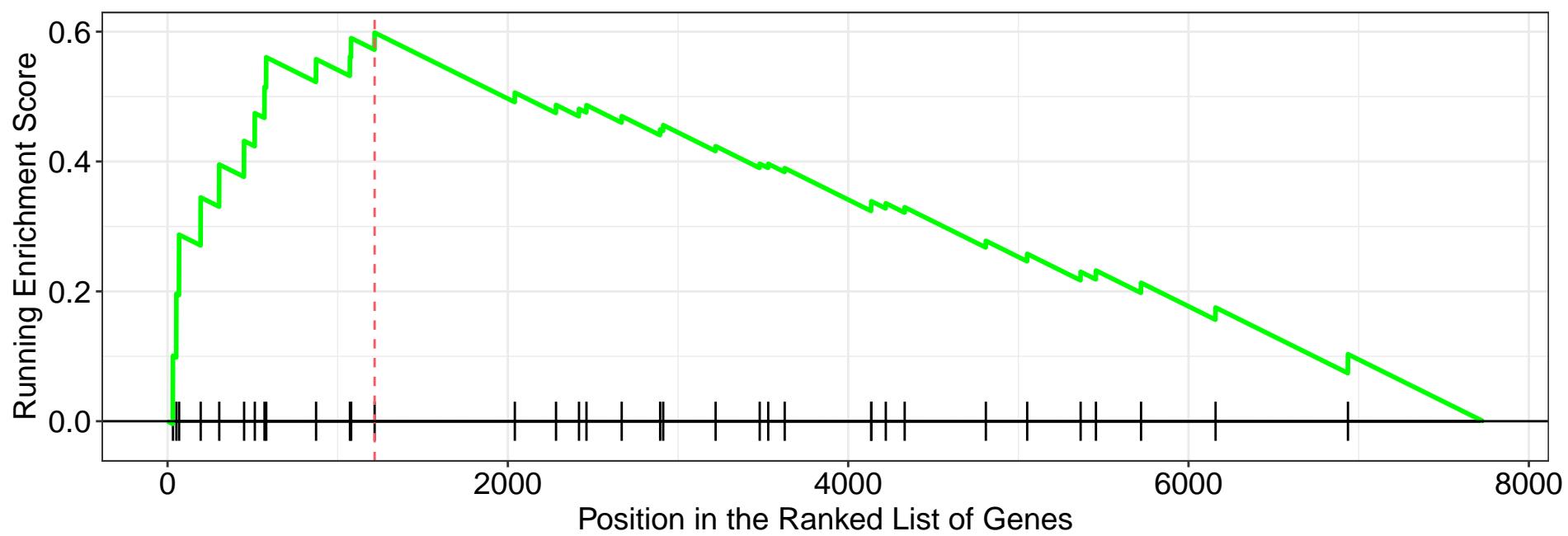
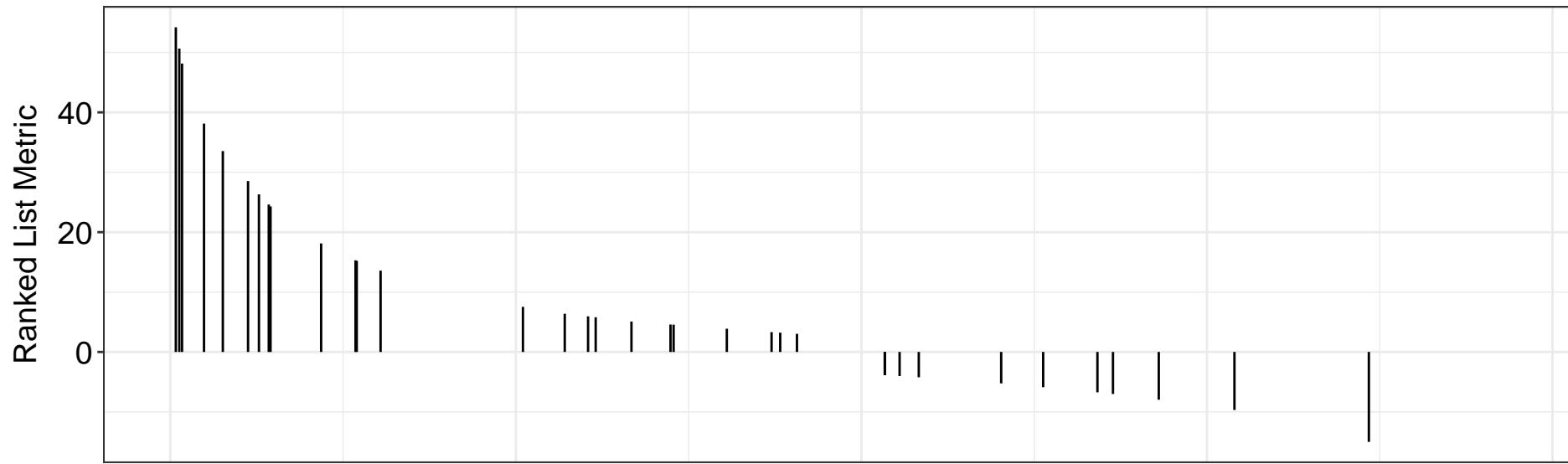
# regulation of receptor signaling pathway via JAK–STAT



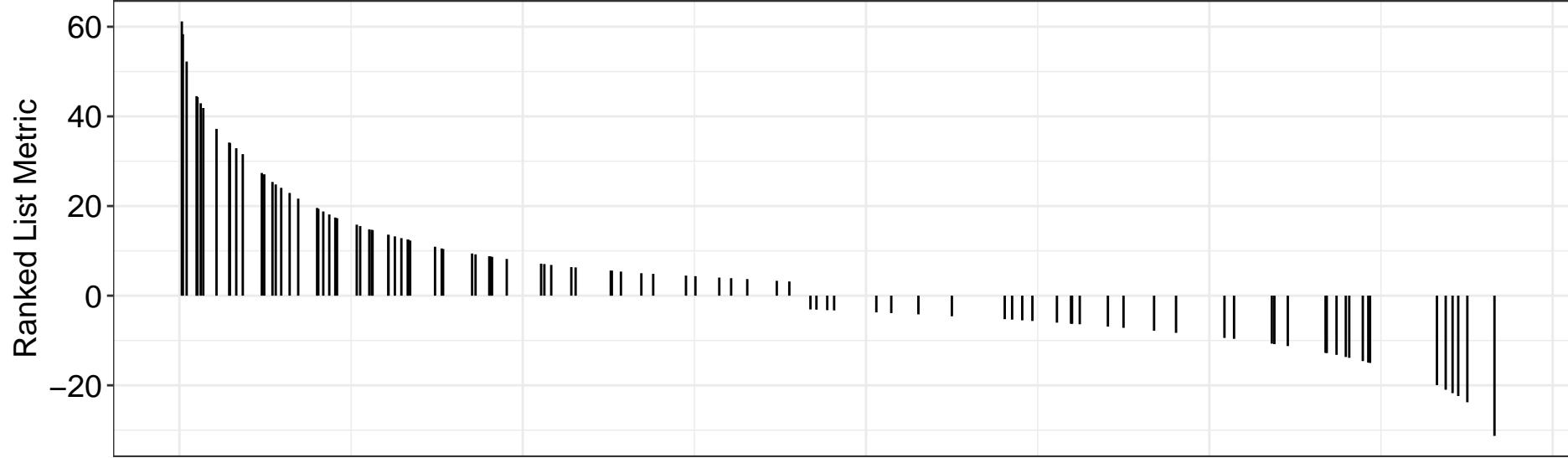
# signal transduction in absence of ligand



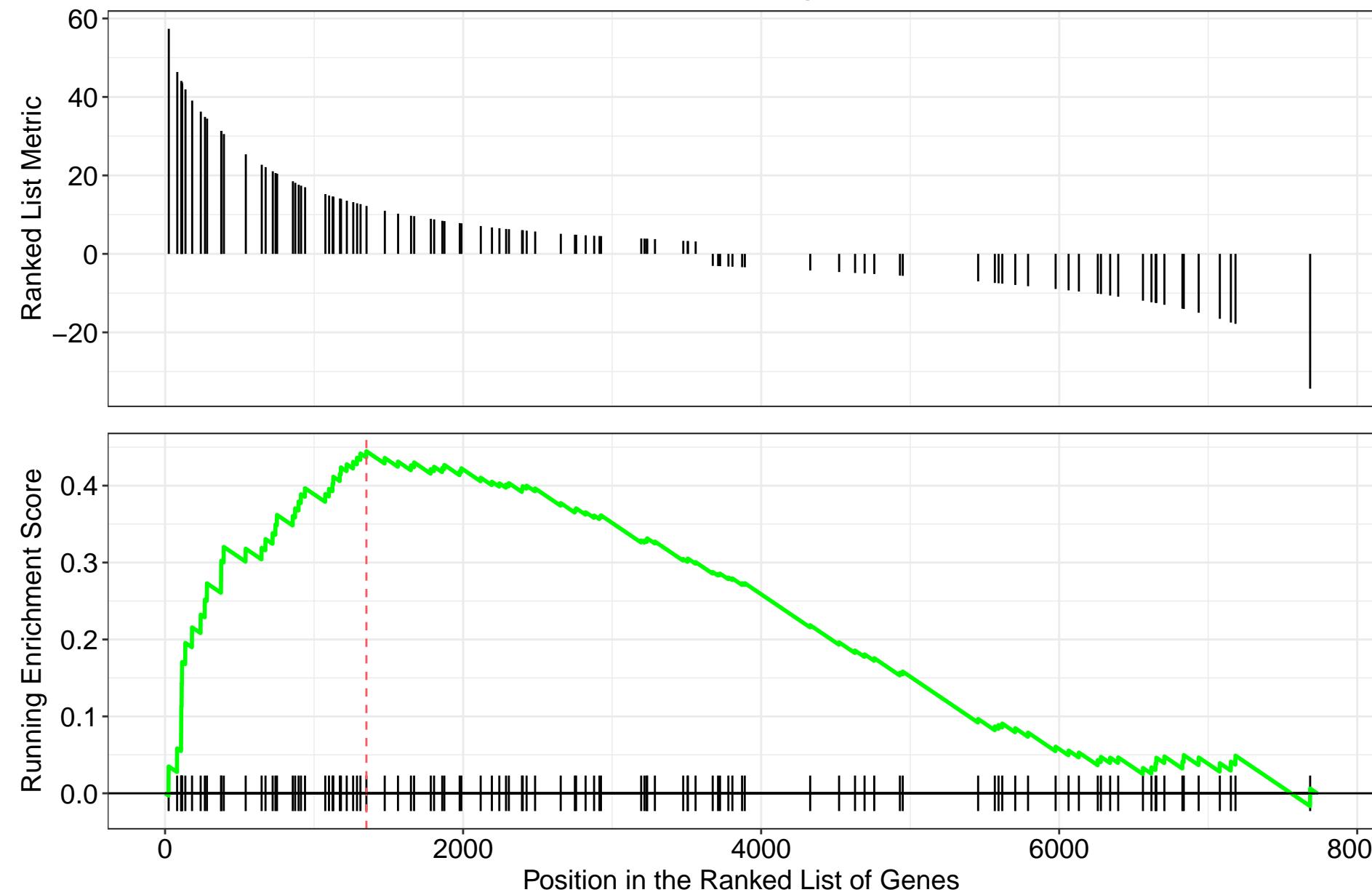
# extrinsic apoptotic signaling pathway in absence of ligand



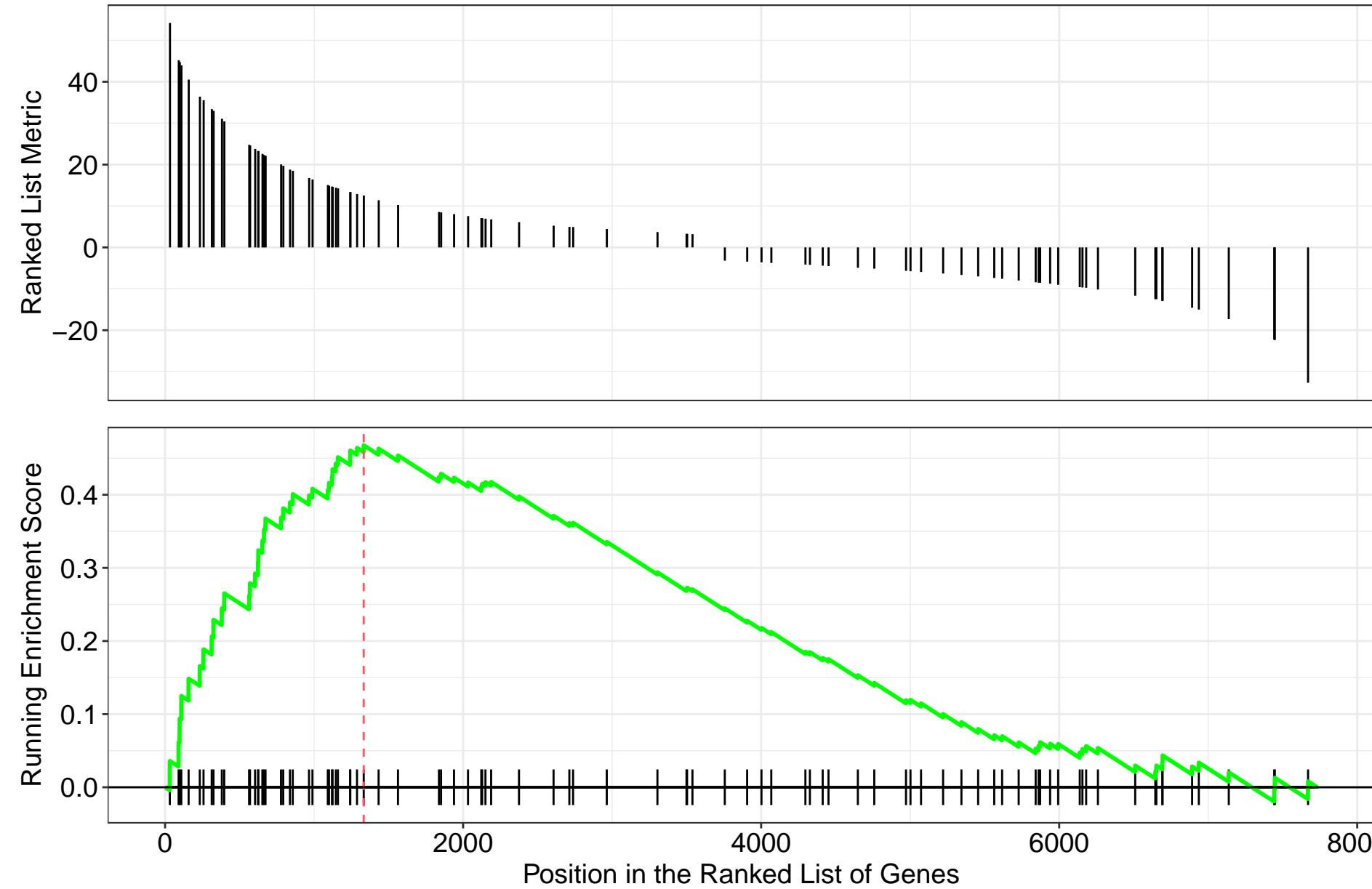
# negative regulation of leukocyte activation



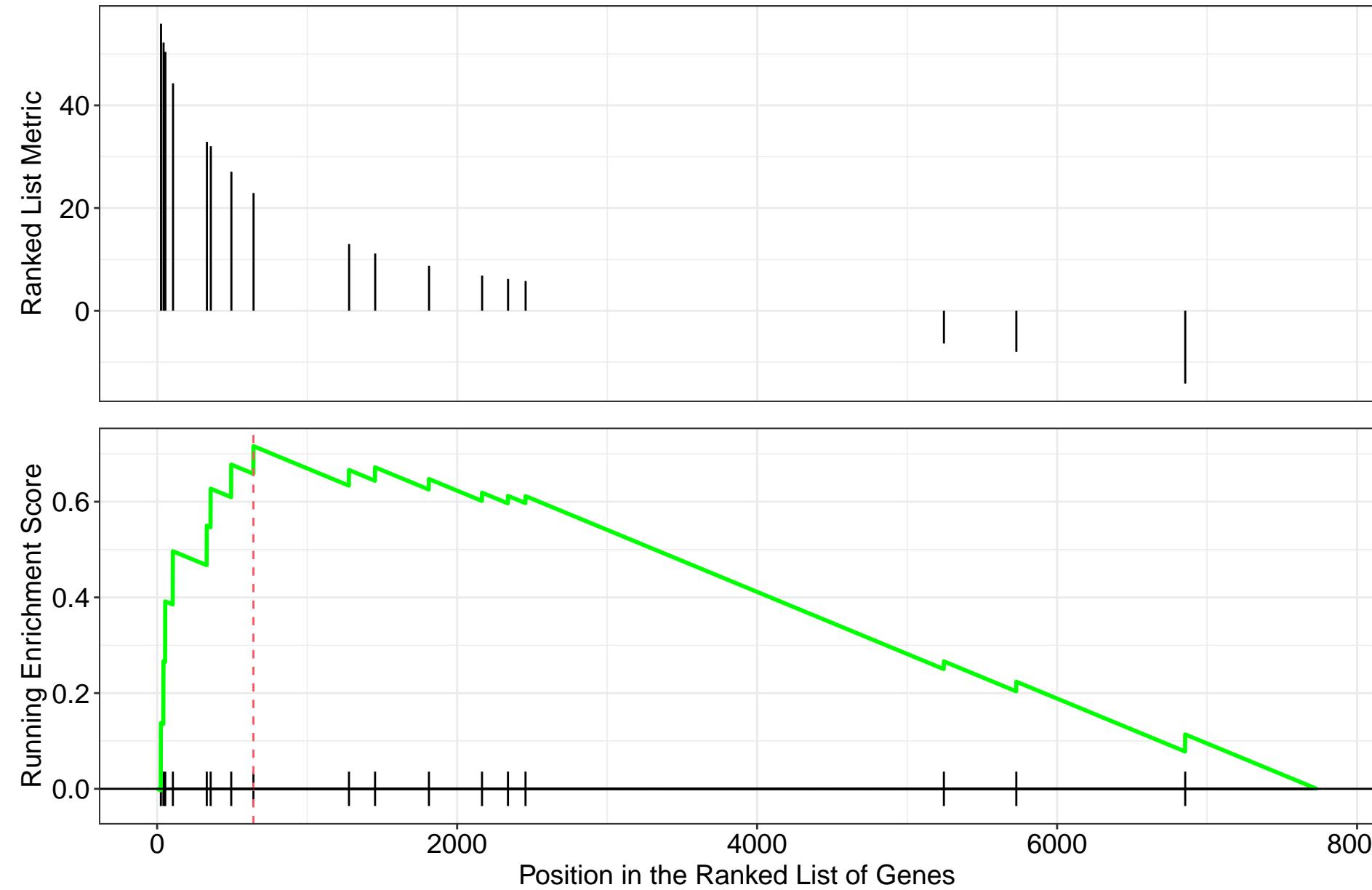
# response to oxygen levels



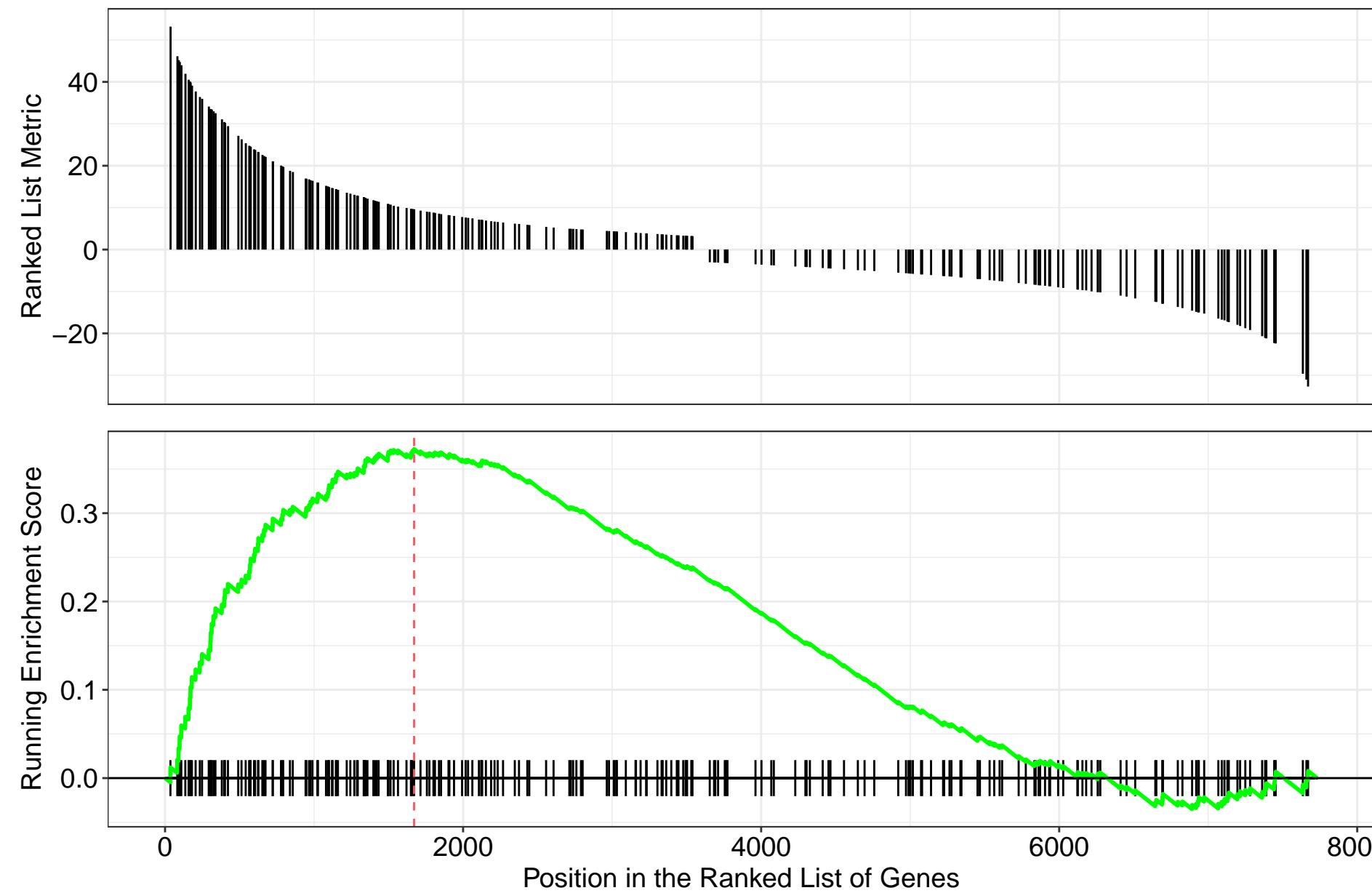
# morphogenesis of a branching structure



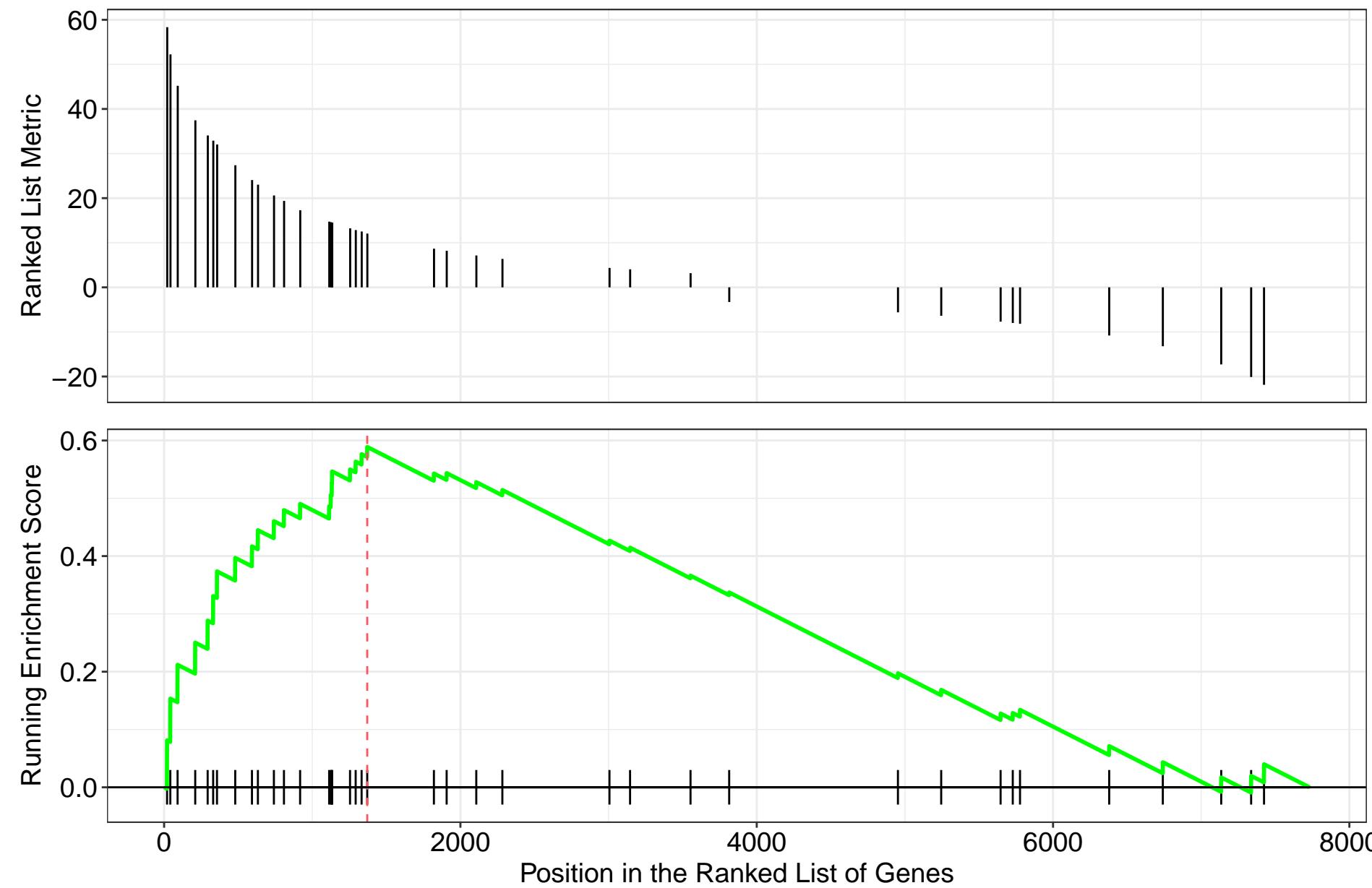
# tolerance induction



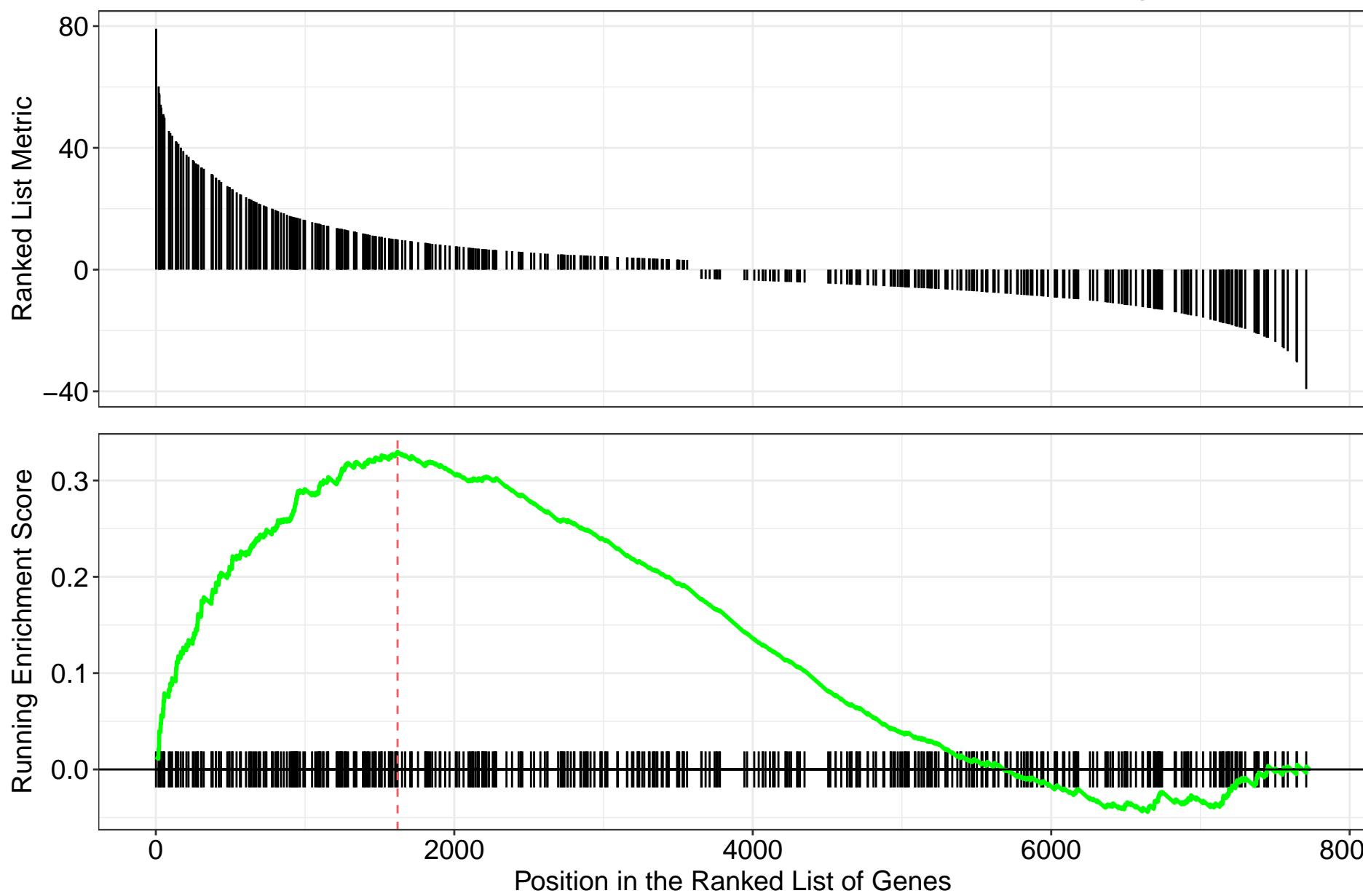
# tissue morphogenesis



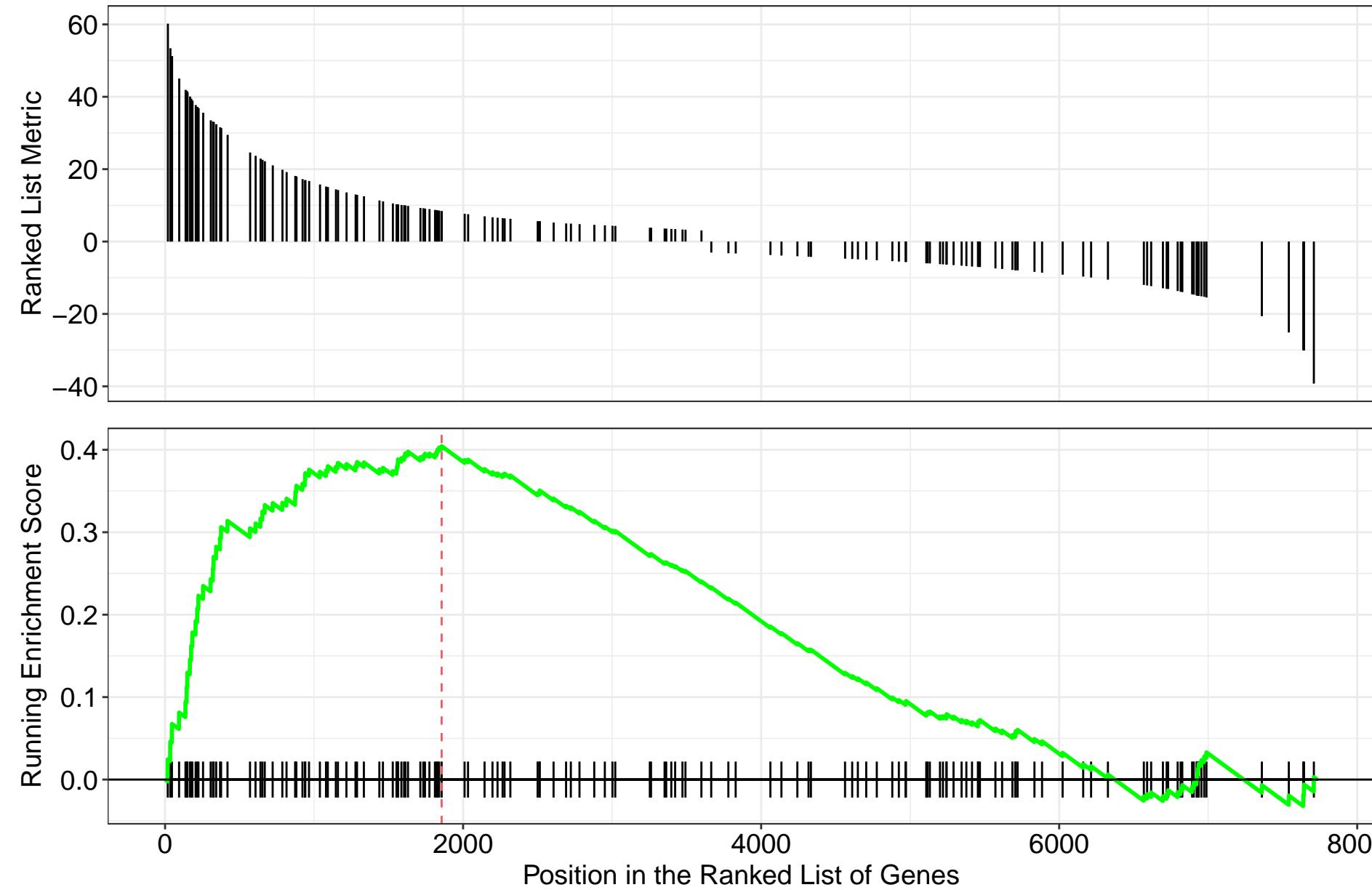
# regulation of CD4-positive, alpha-beta T cell activation



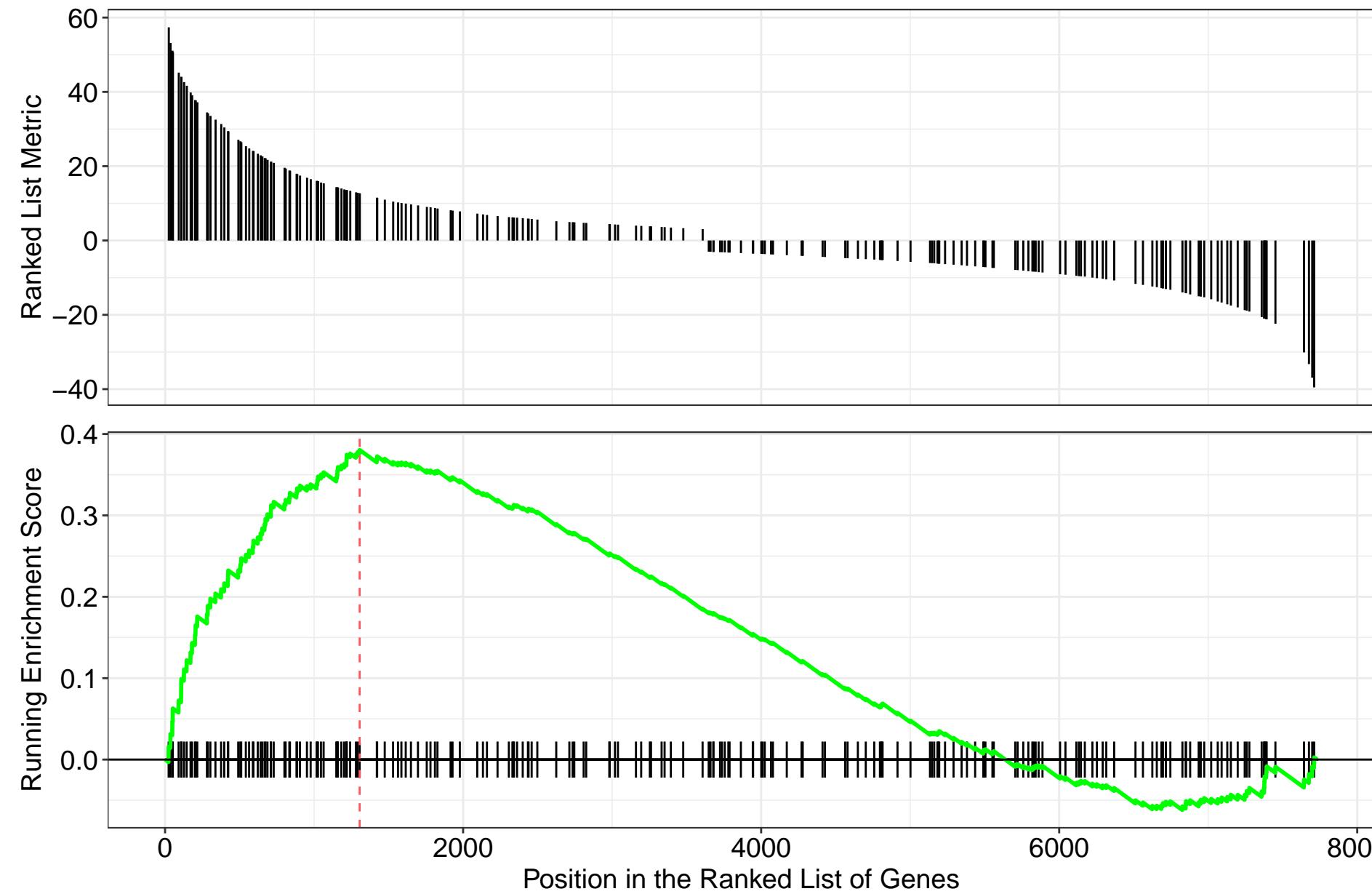
# anatomical structure formation involved in morphogenesis



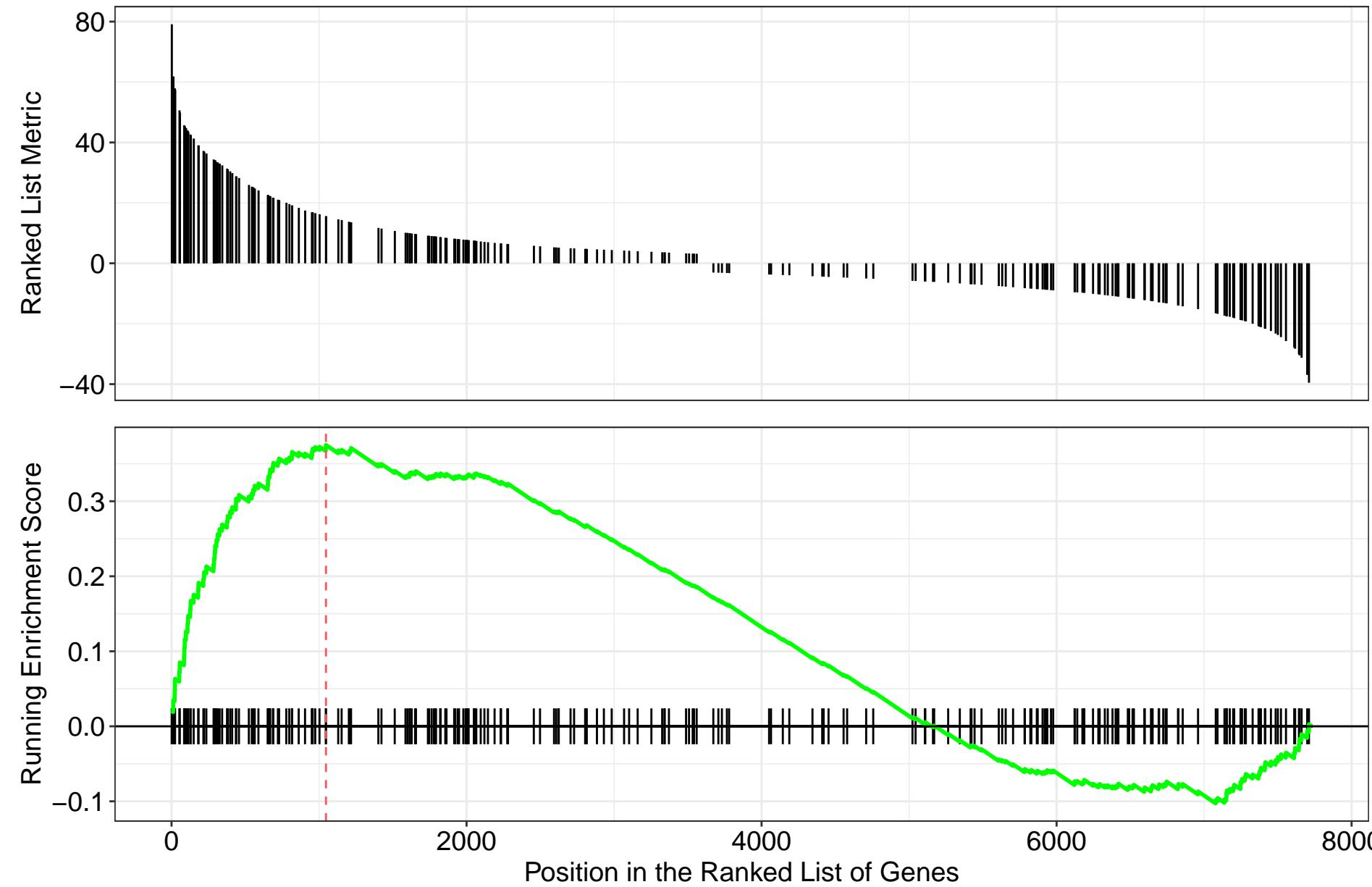
# negative regulation of locomotion



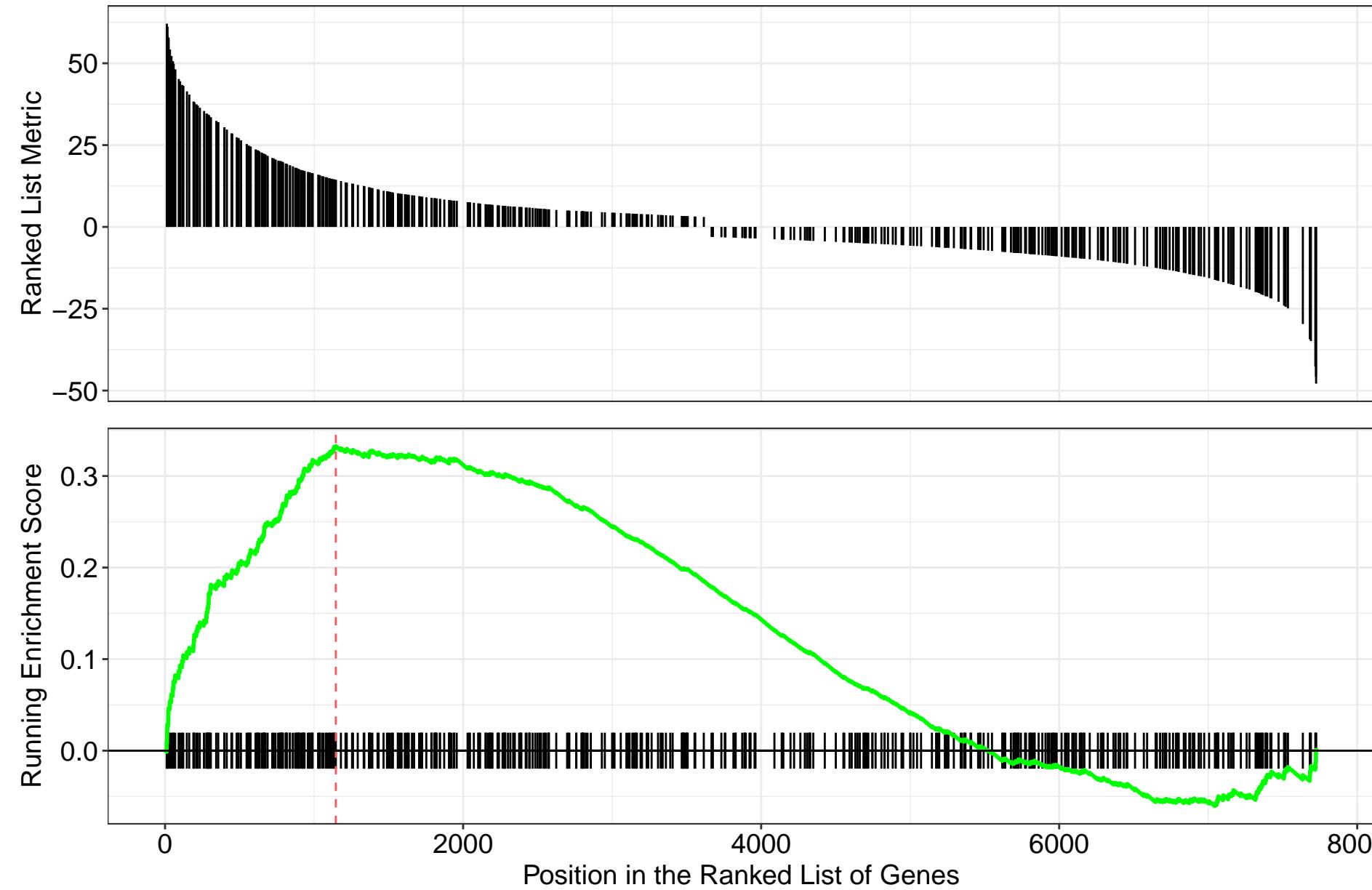
# regulation of system process



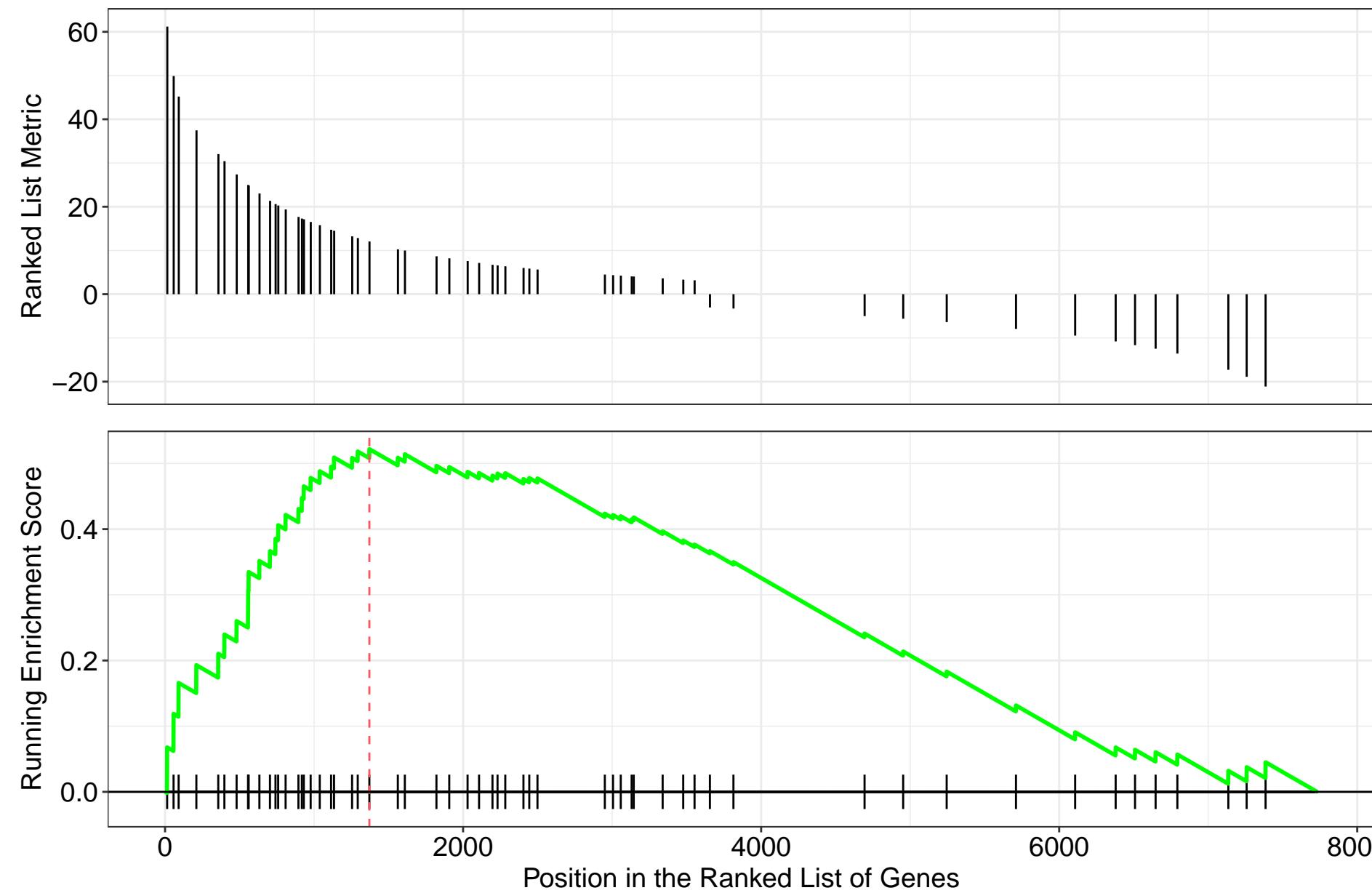
# G protein-coupled receptor signaling pathway



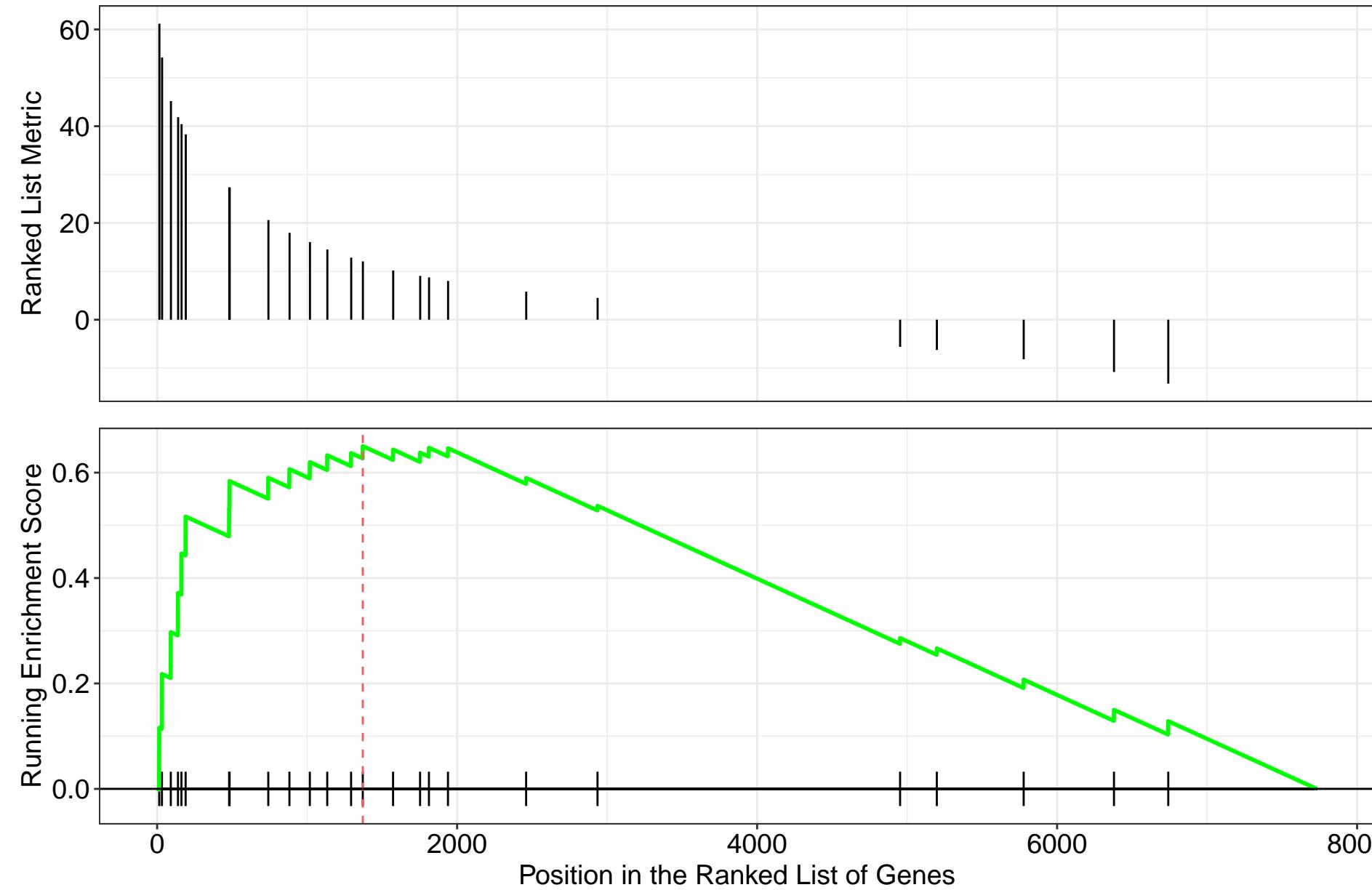
# hemopoiesis



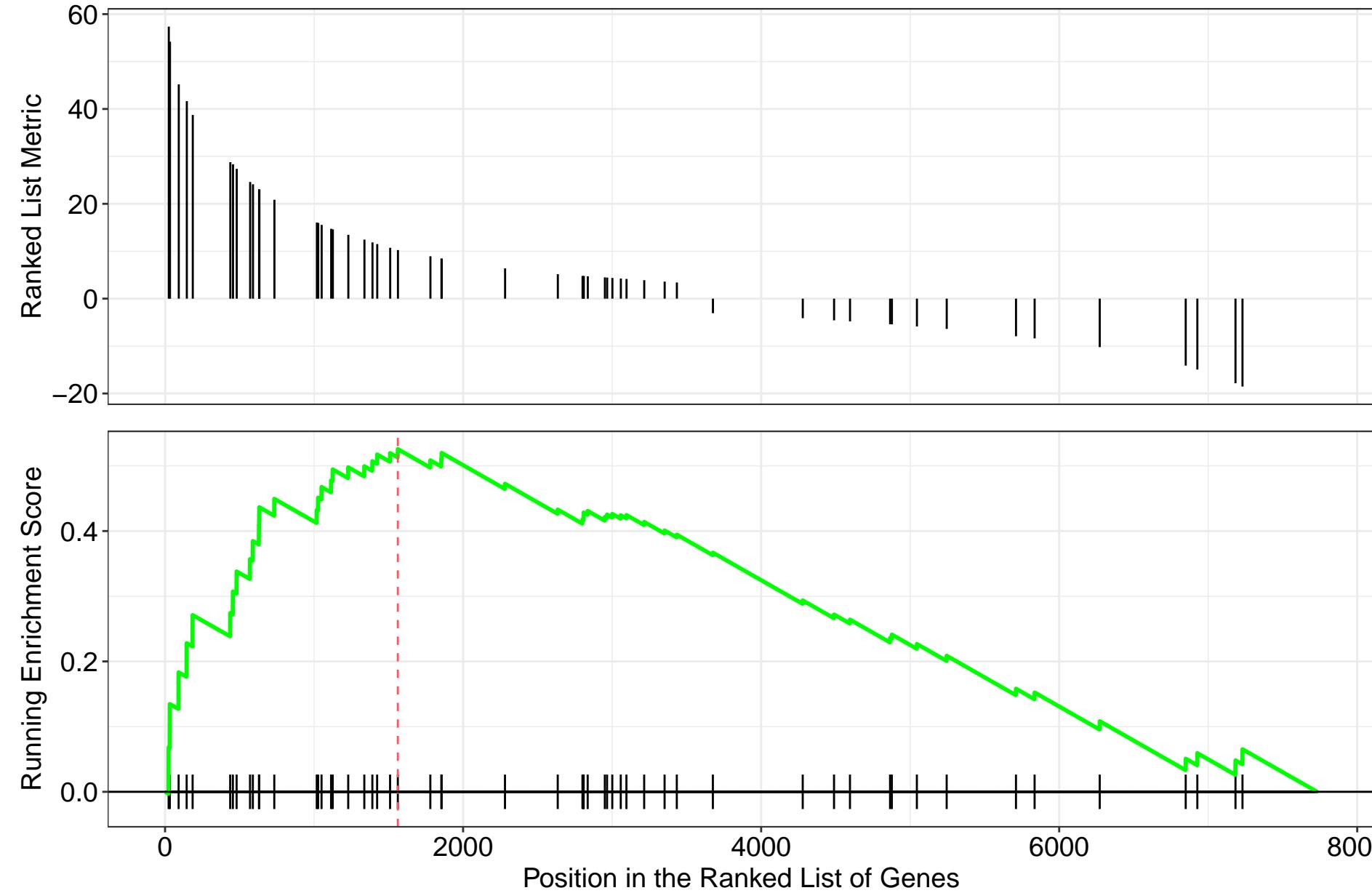
# T cell activation involved in immune response



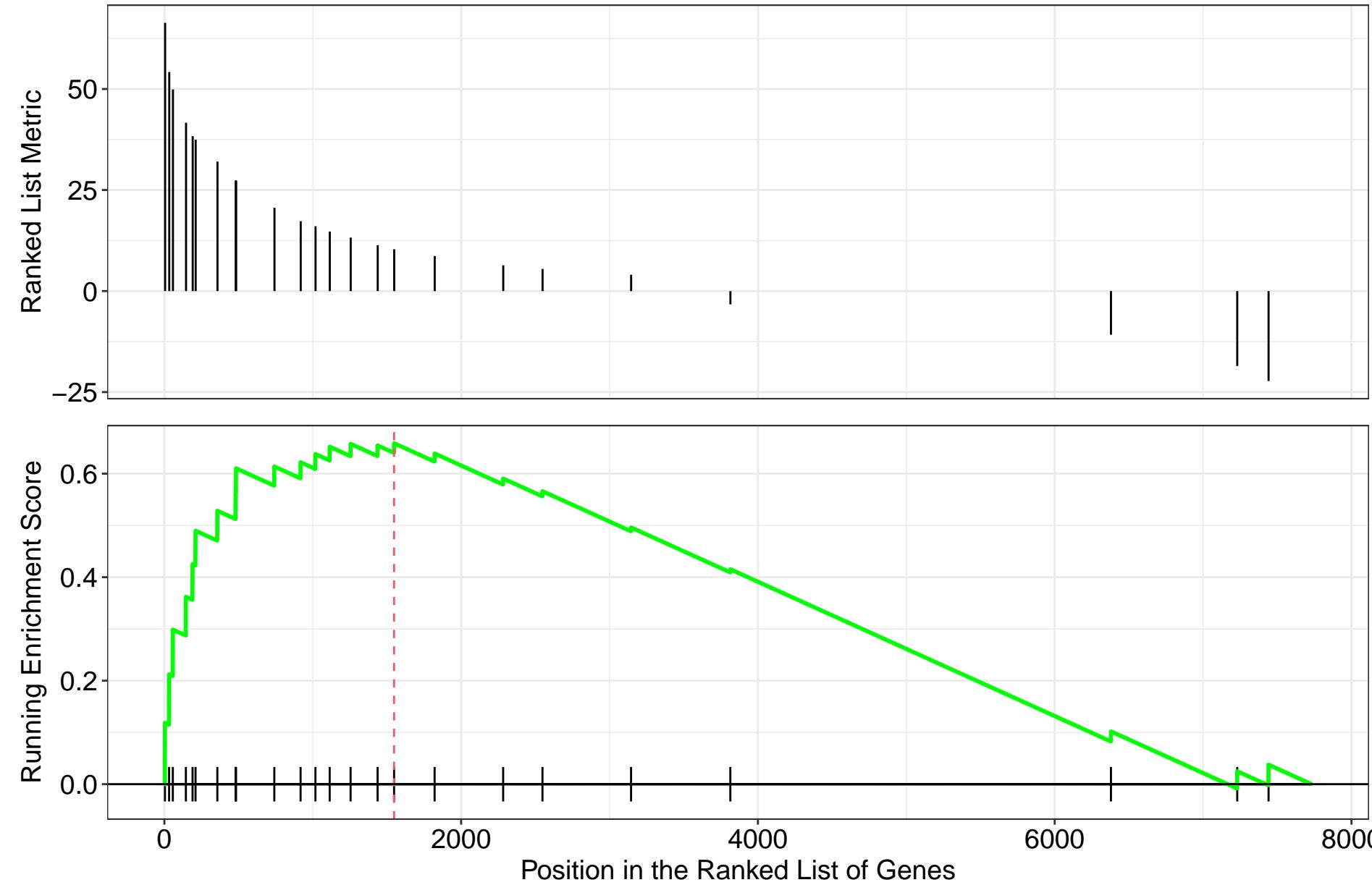
# regulation of T cell cytokine production



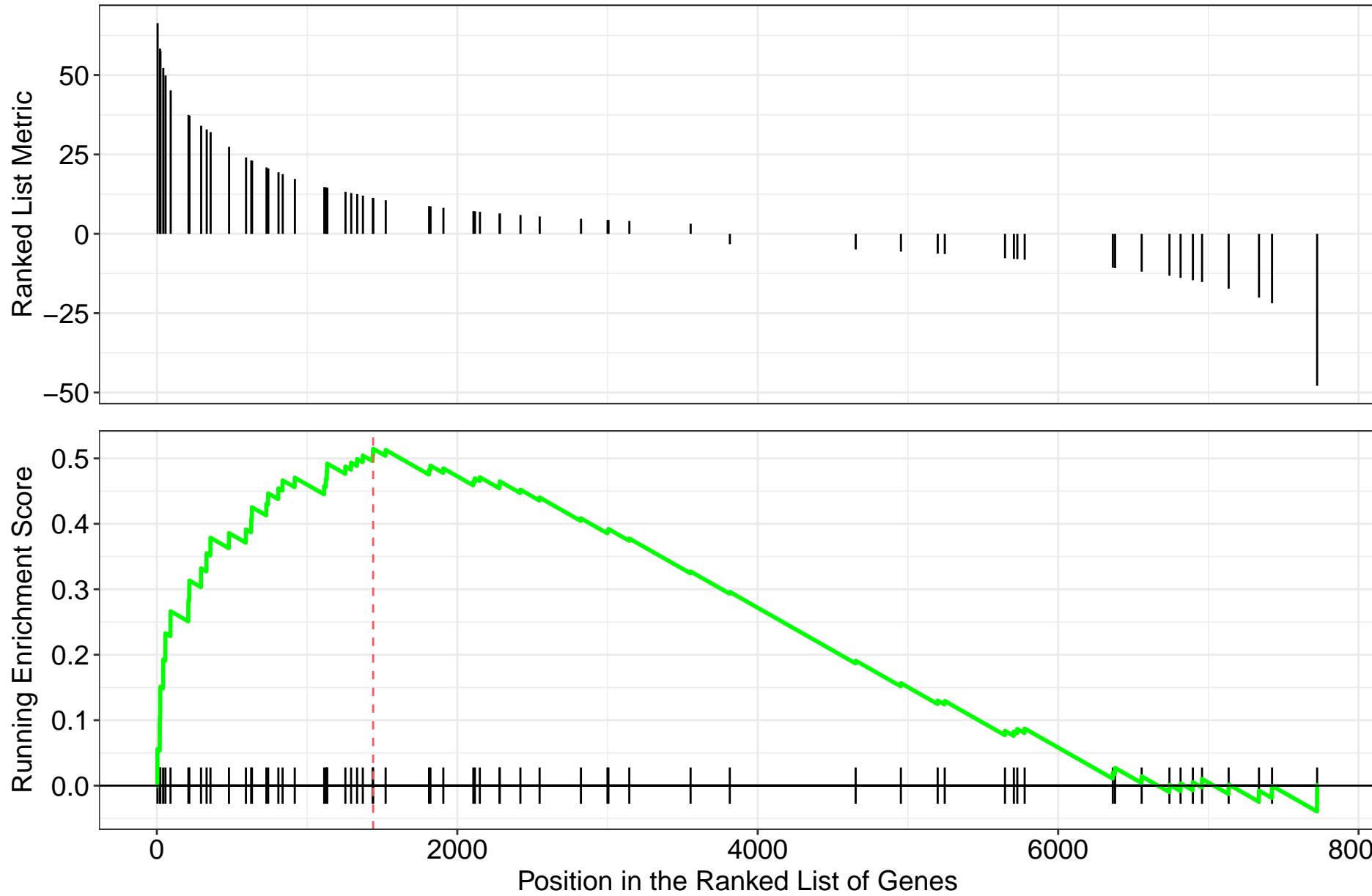
# positive regulation of interleukin–6 production



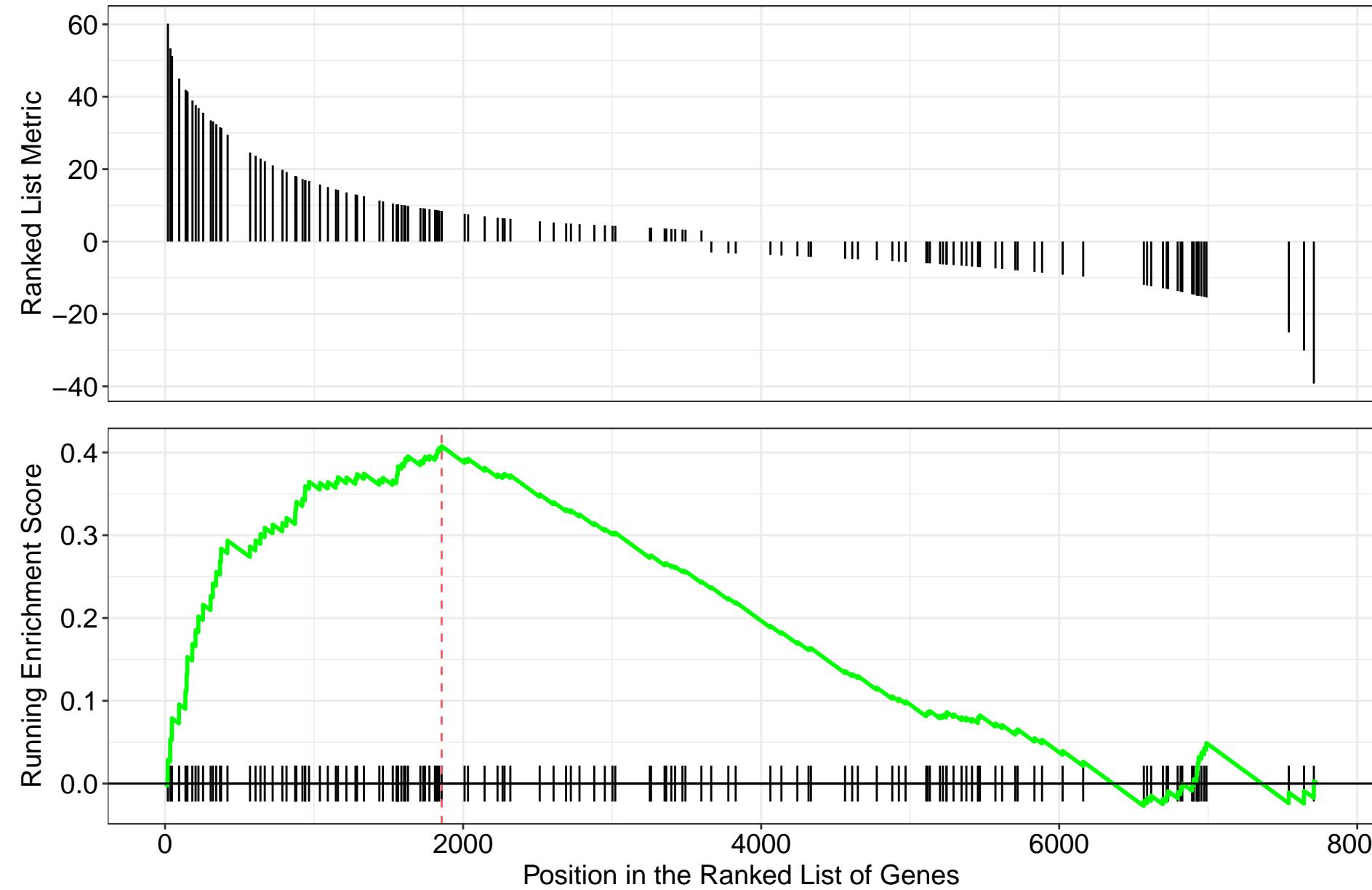
# regulation of T-helper 1 type immune response



# regulation of alpha–beta T cell activation

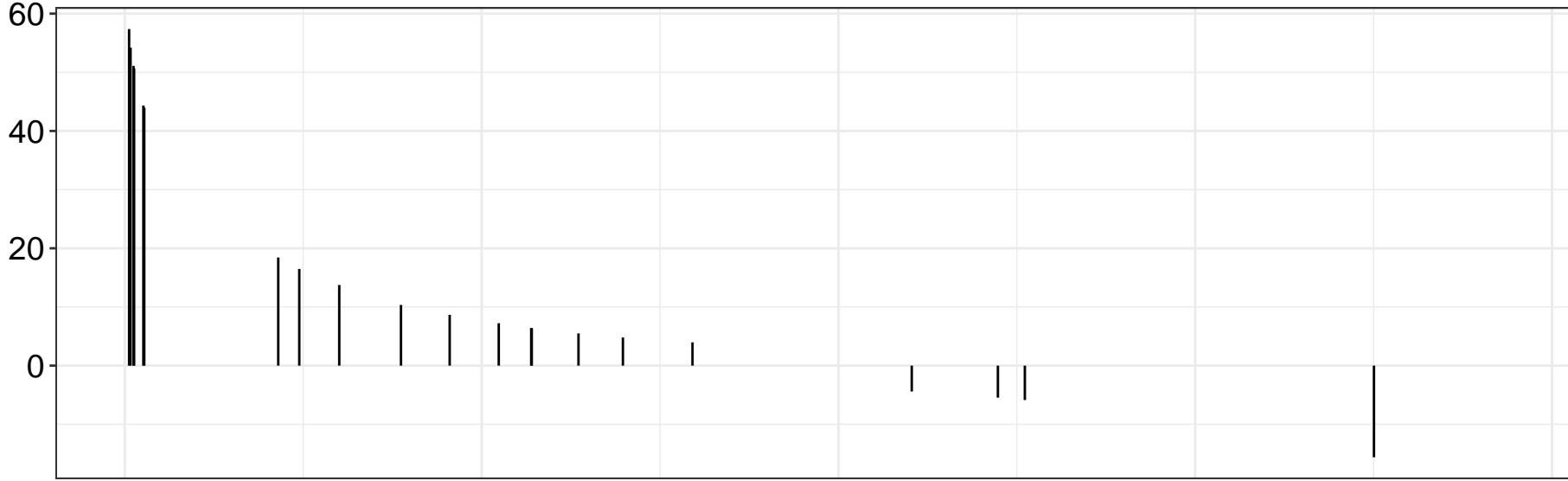


# negative regulation of cell motility

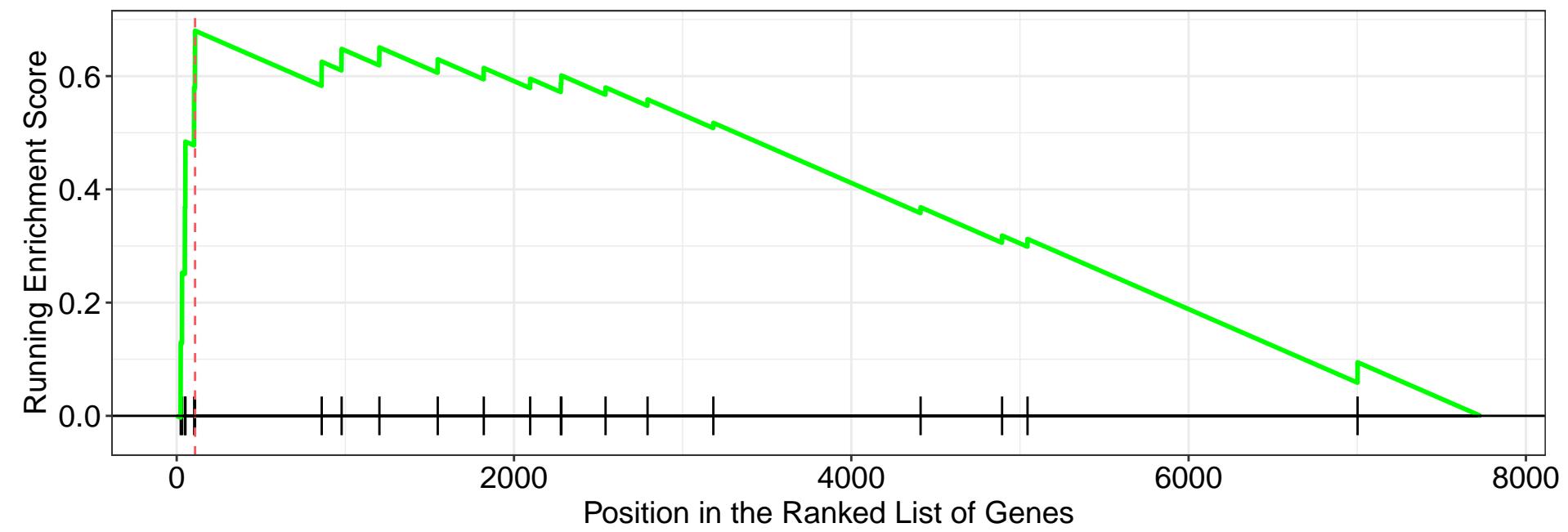


# icosanoid secretion

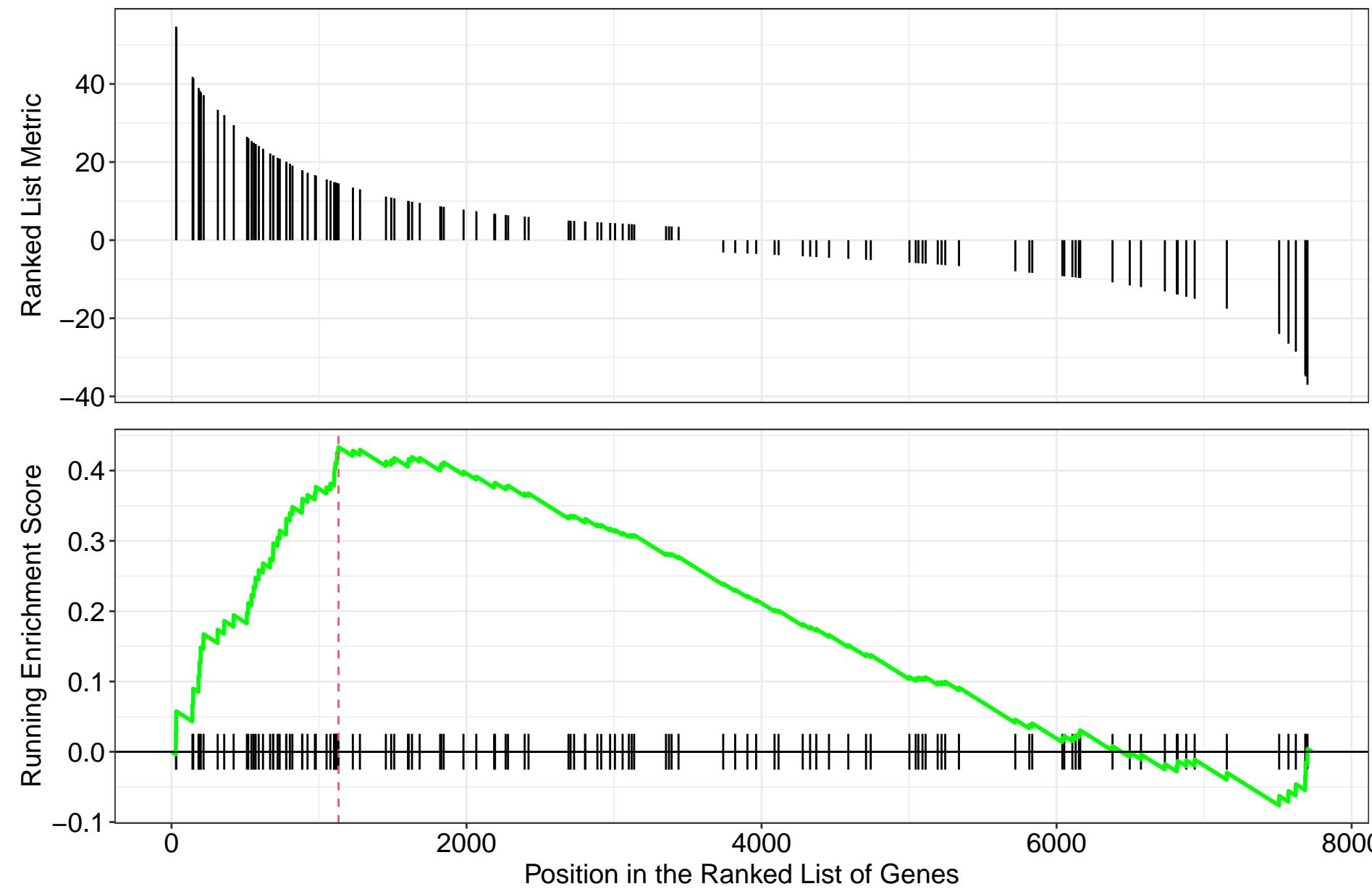
Ranked List Metric



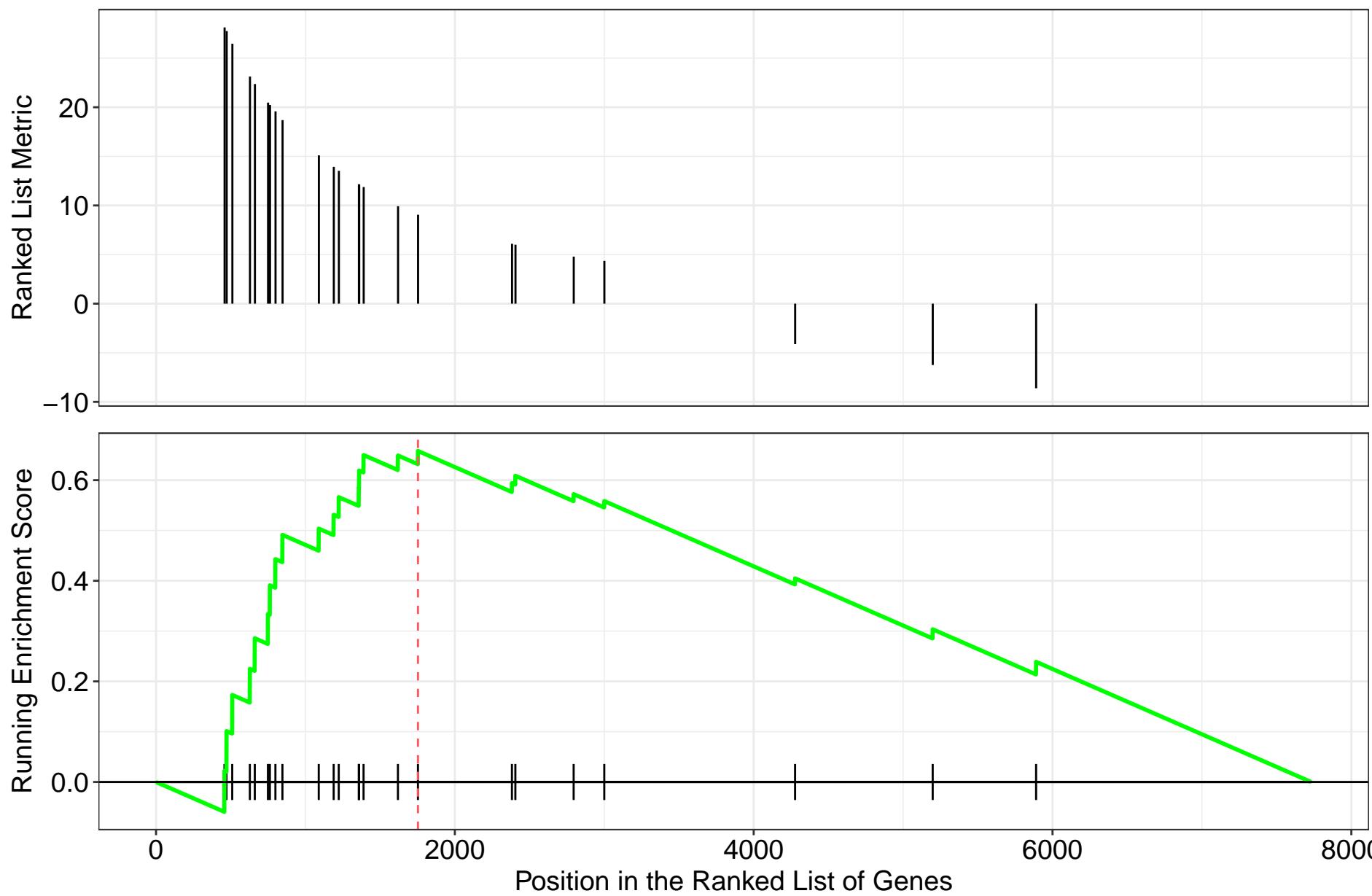
Running Enrichment Score



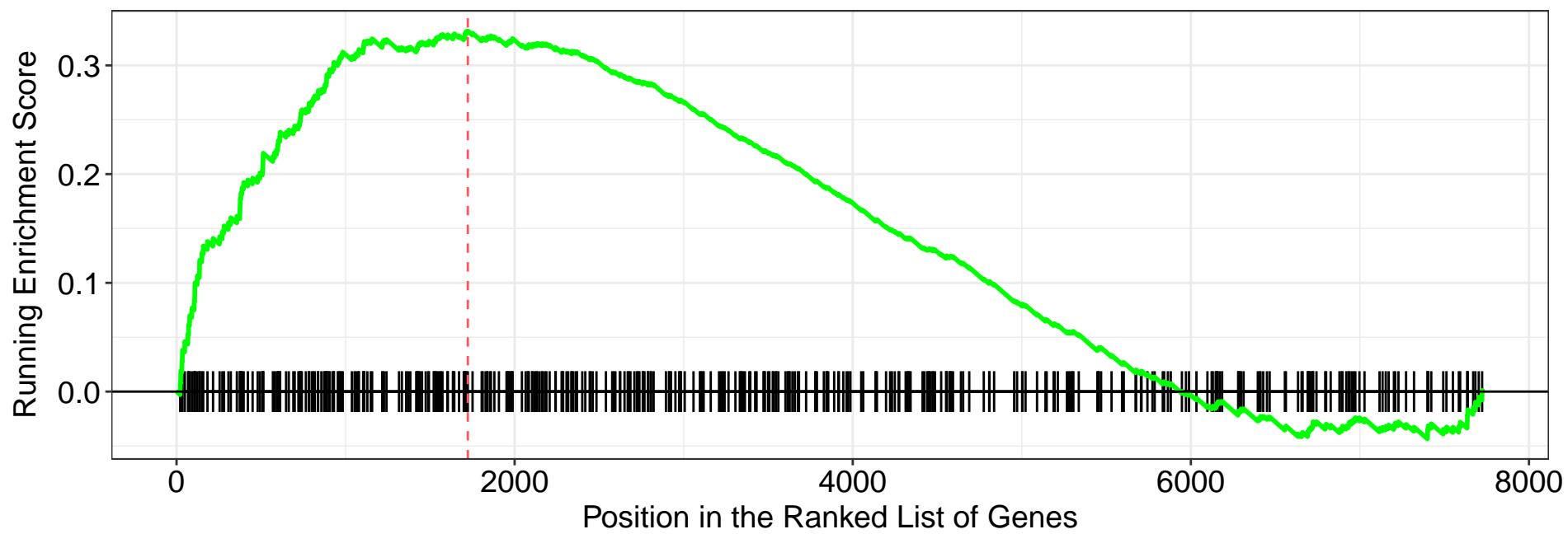
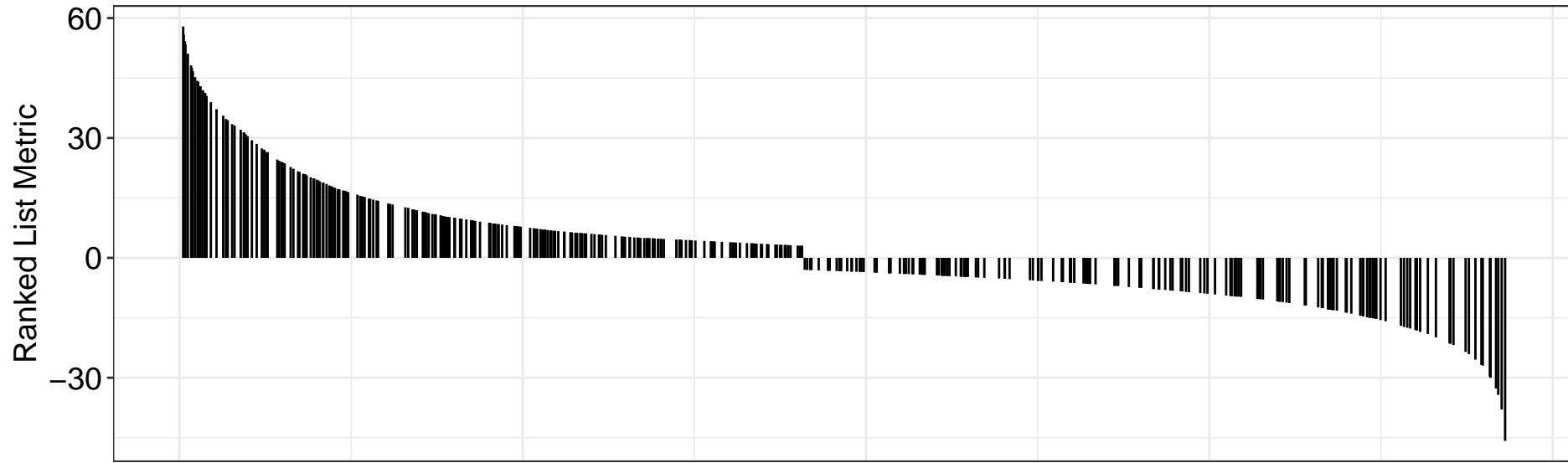
# phagocytosis



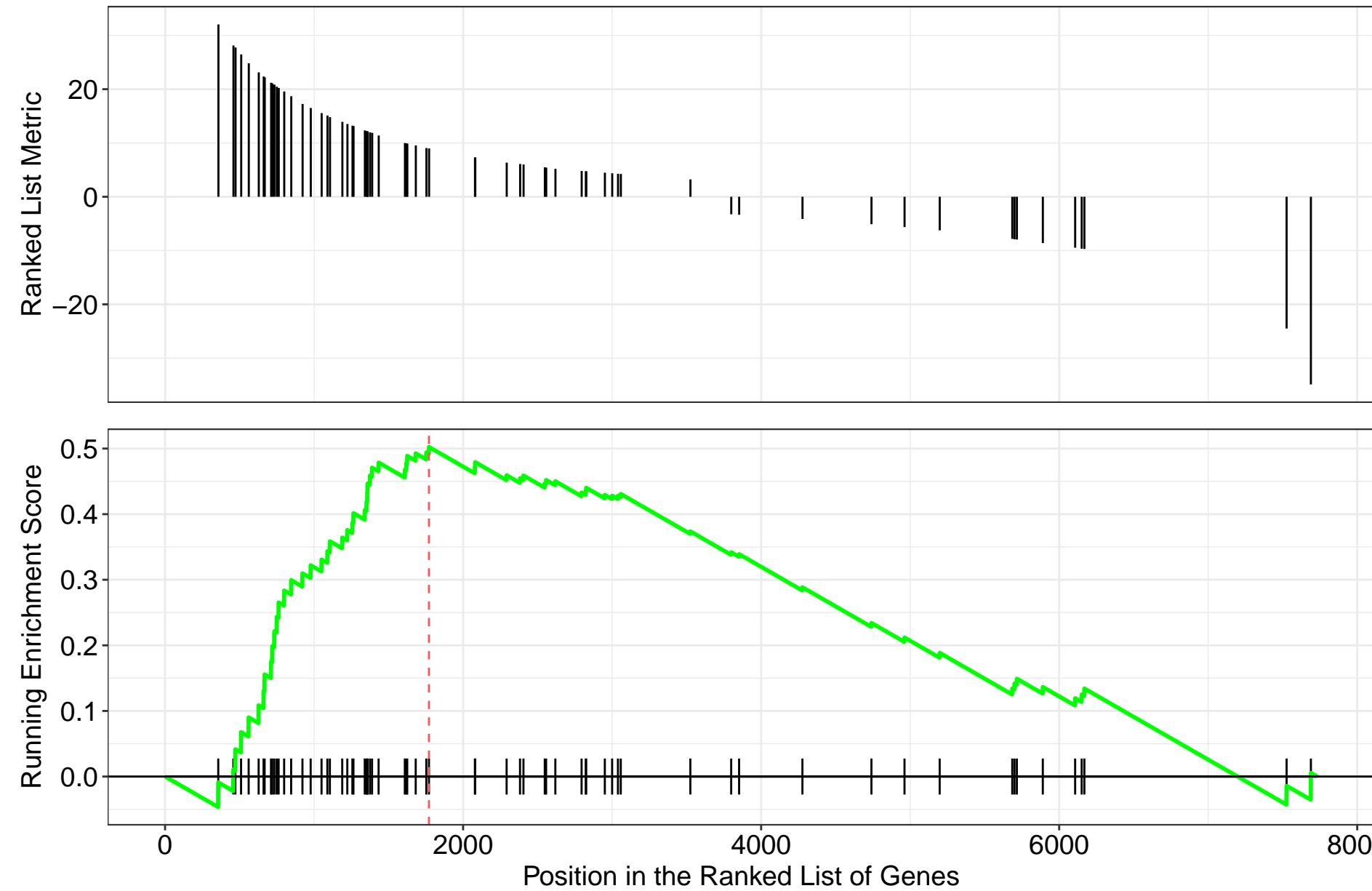
# antigen processing and presentation of endogenous antigen



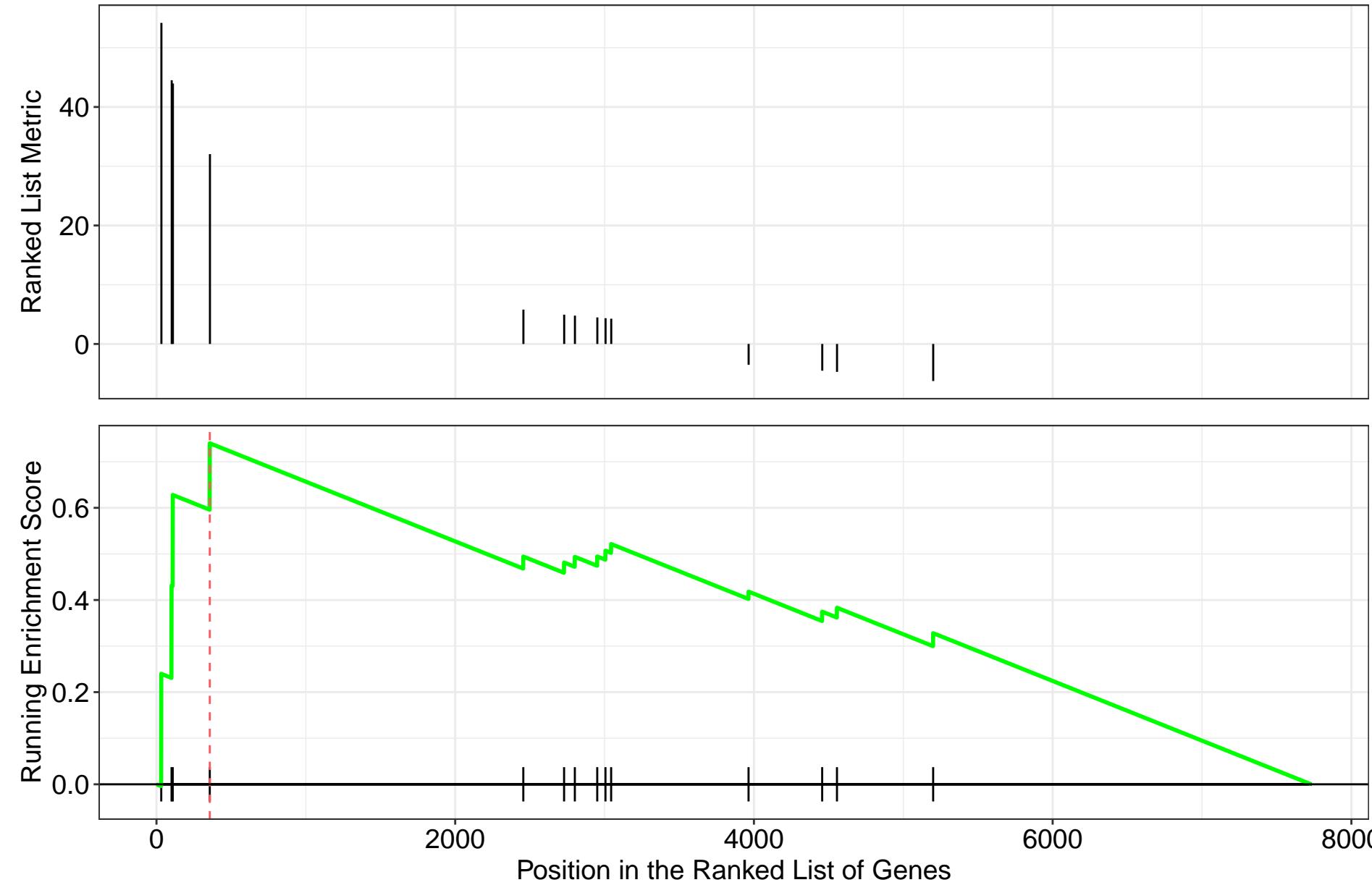
# negative regulation of apoptotic process



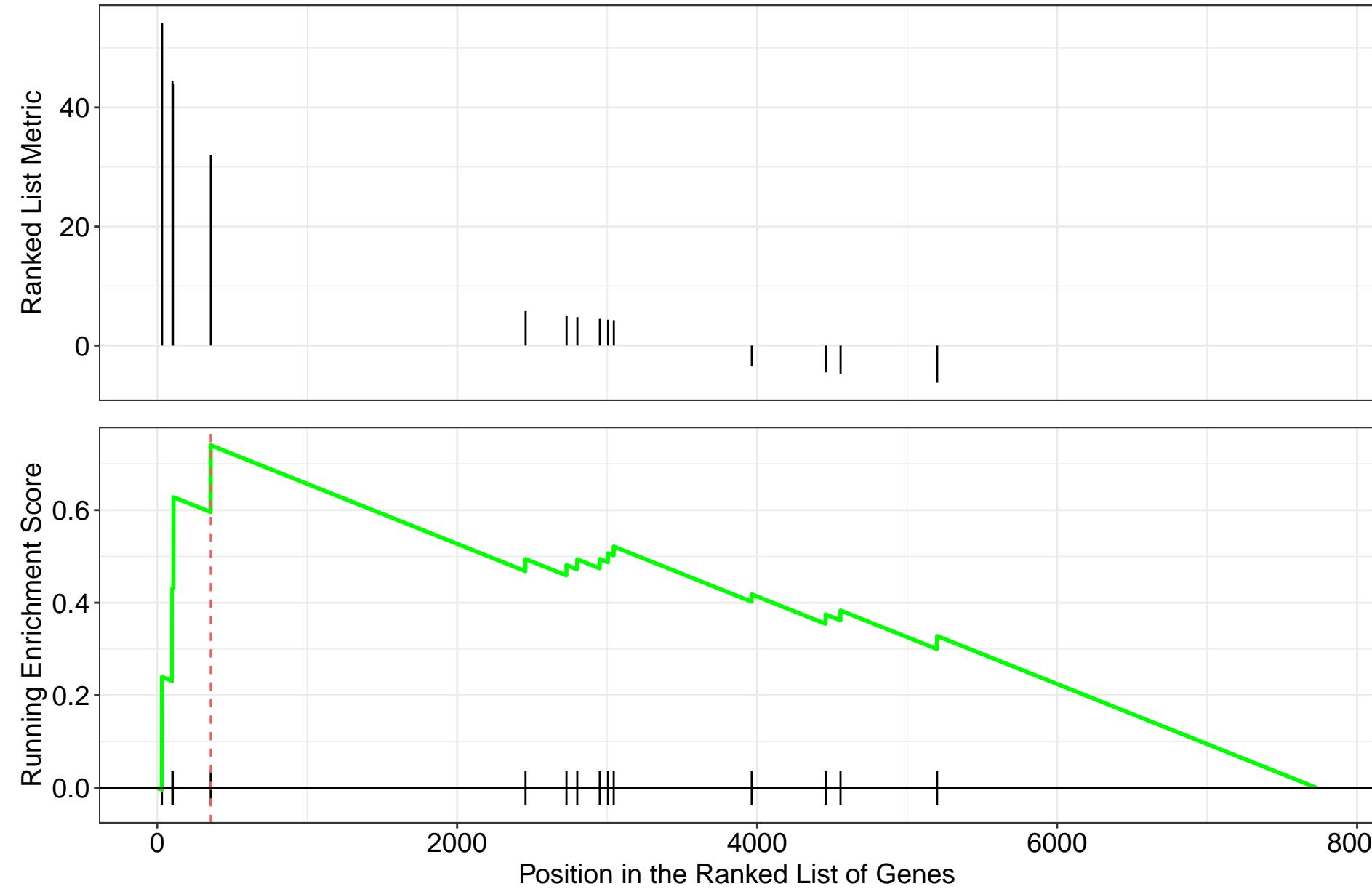
# antigen processing and presentation



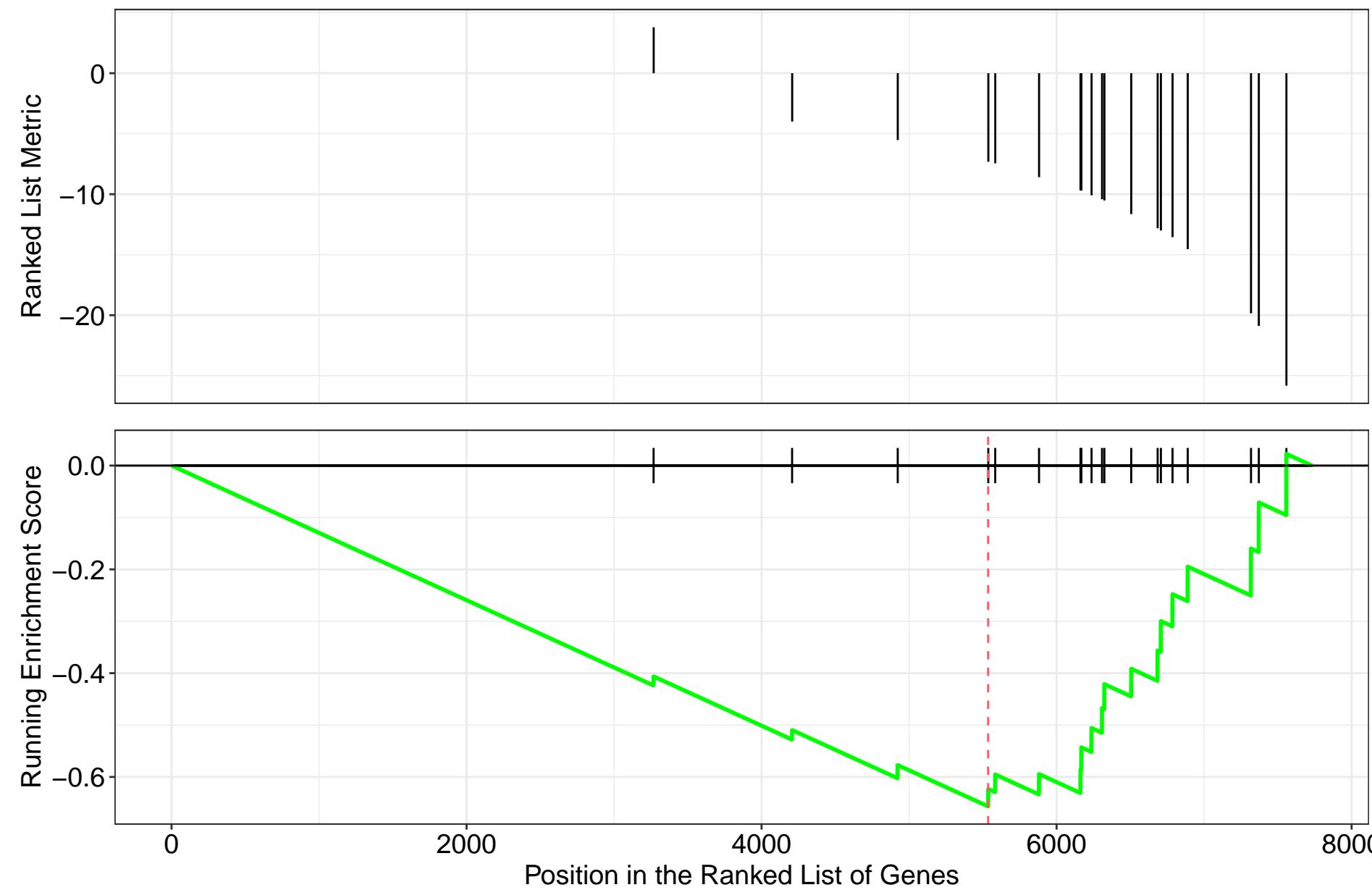
# positive regulation of granulocyte chemotaxis



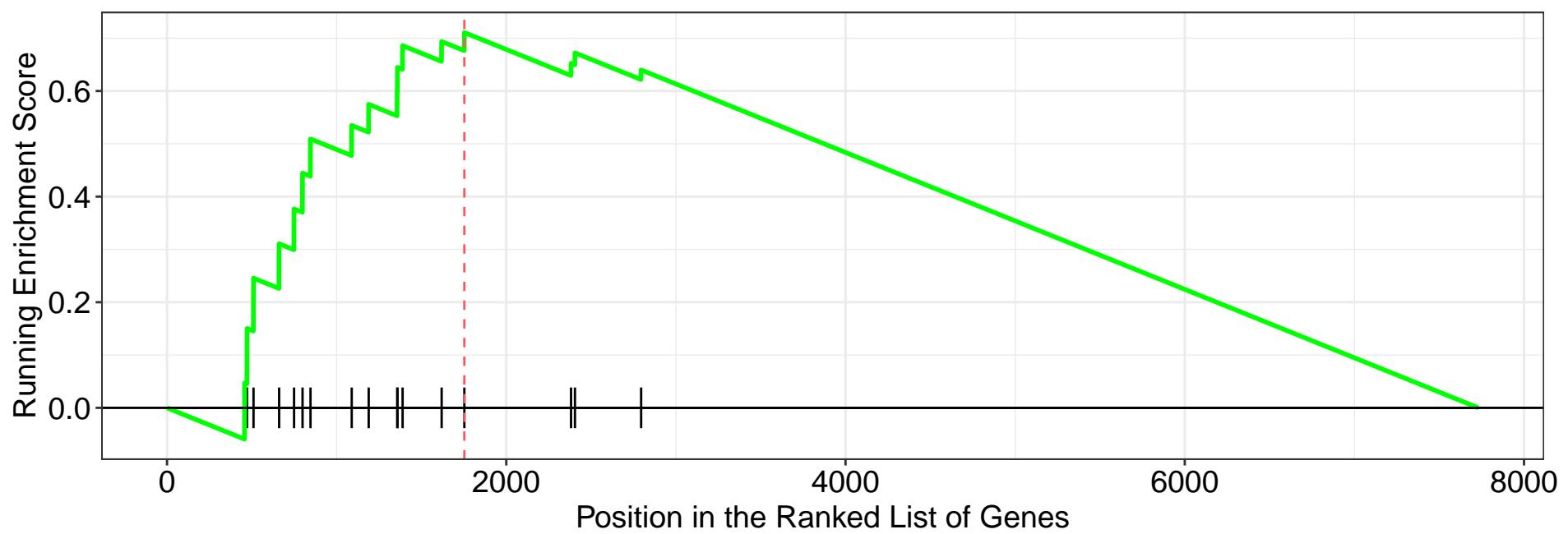
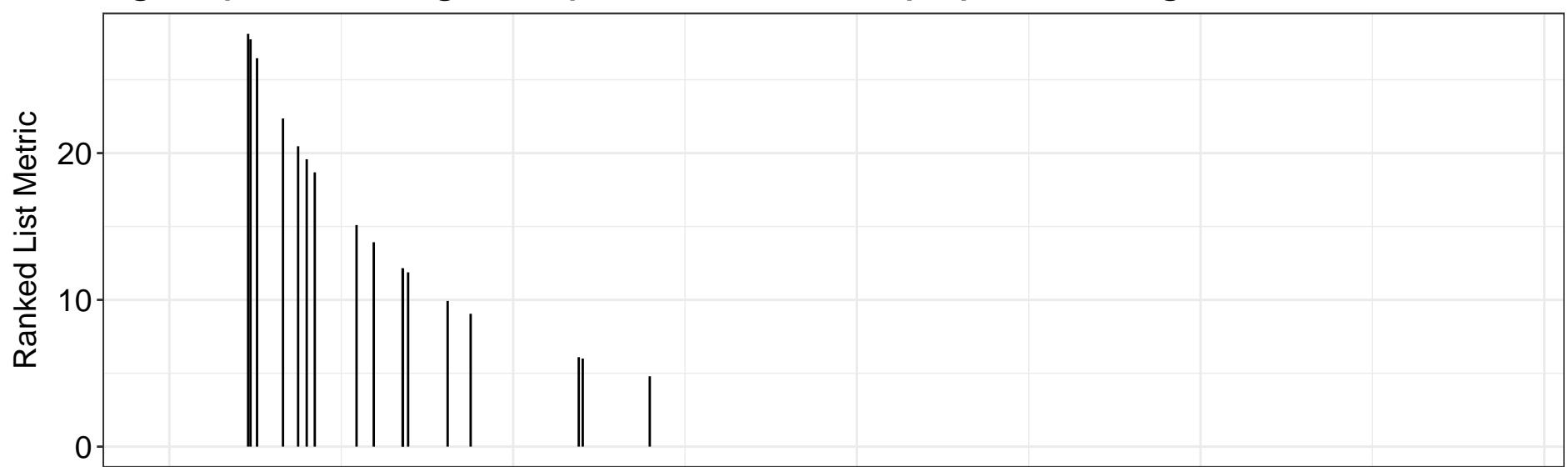
# positive regulation of neutrophil chemotaxis



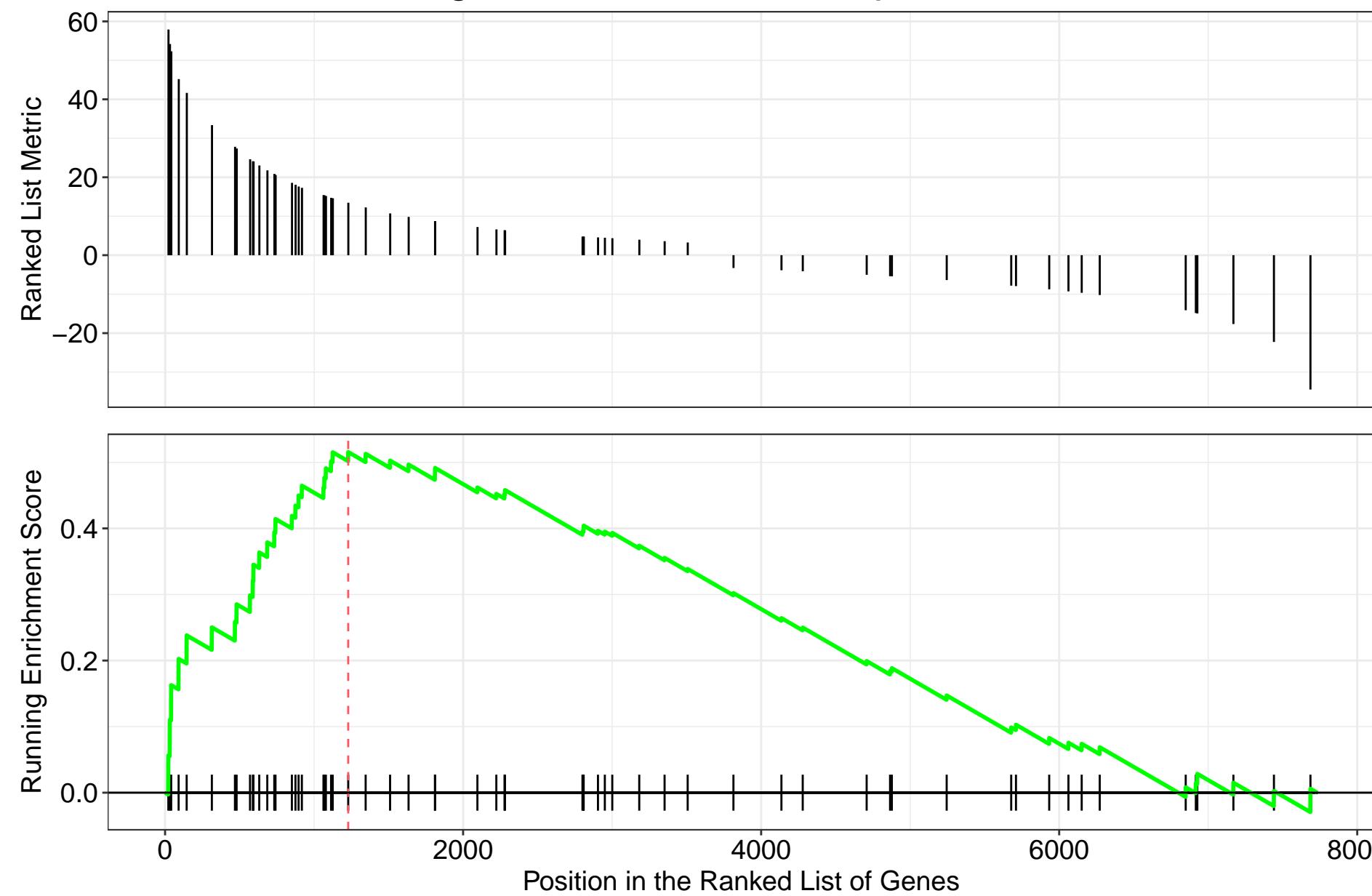
# cell cycle DNA replication



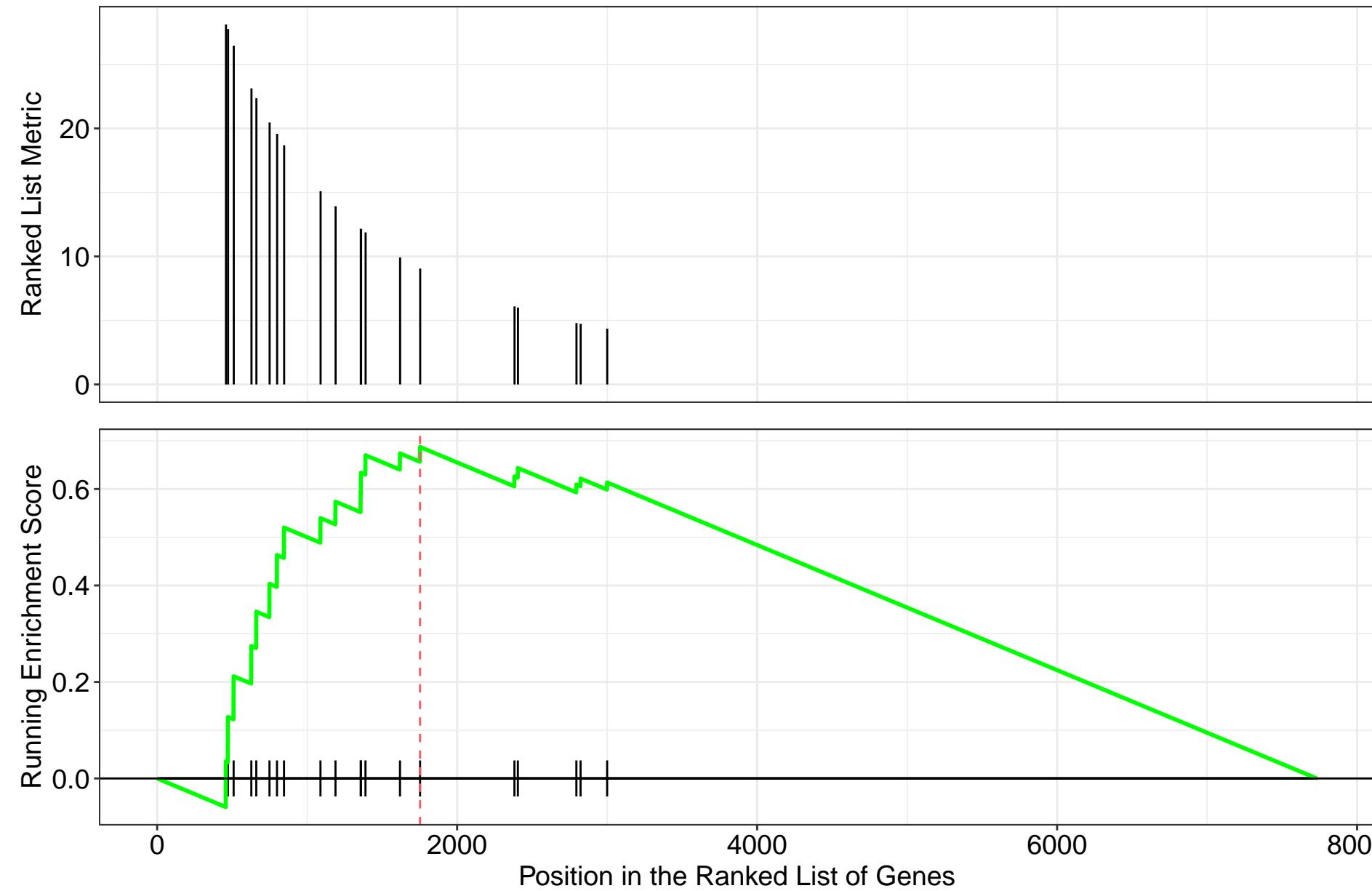
# antigen processing and presentation of peptide antigen via MHC class I



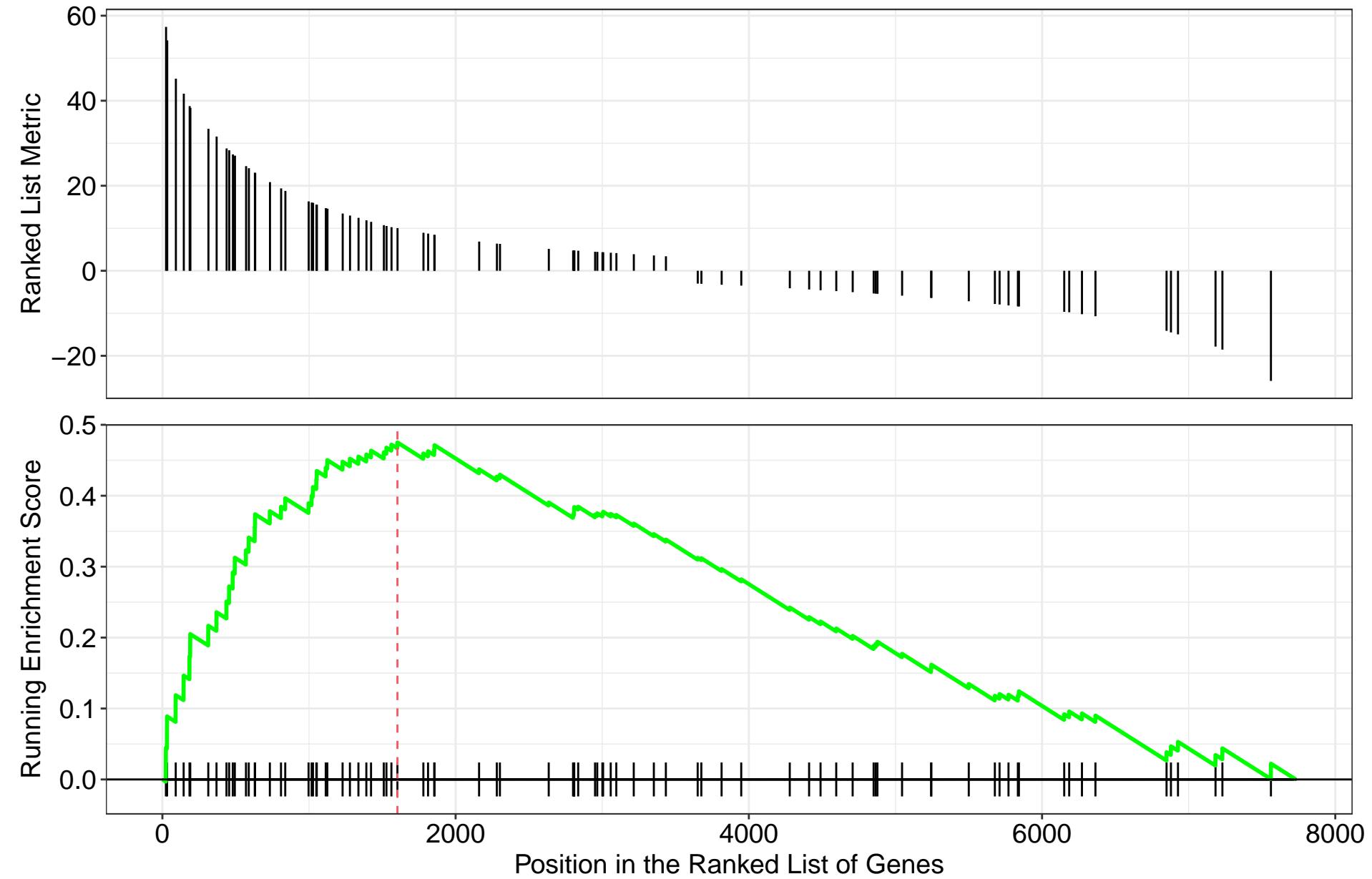
# regulation of chemokine production



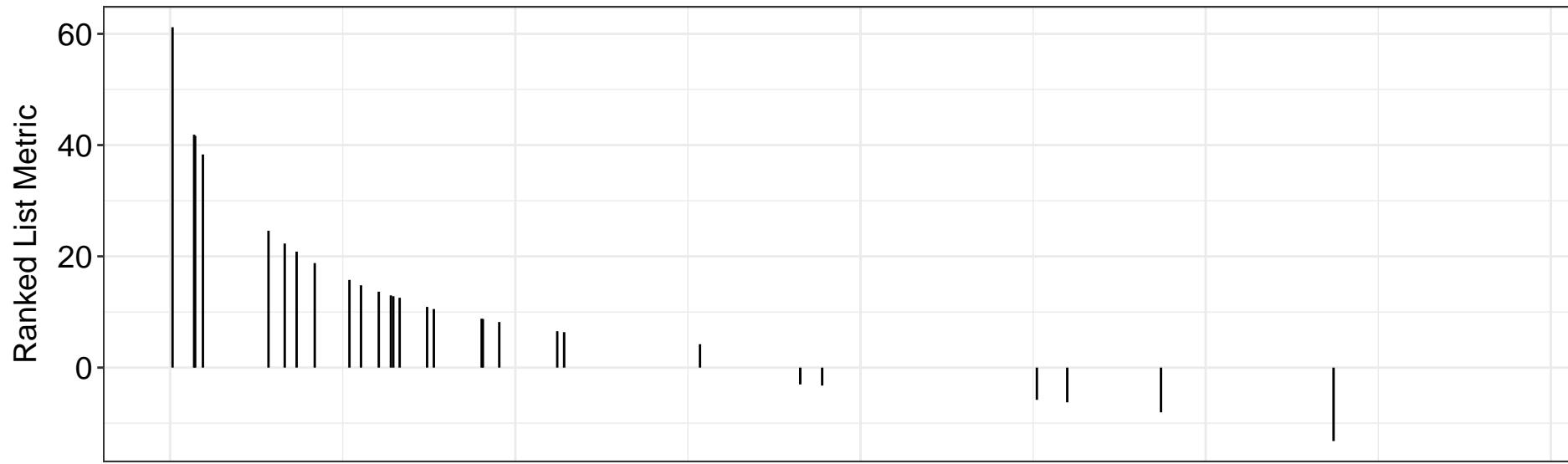
# antigen processing and presentation via MHC class Ib



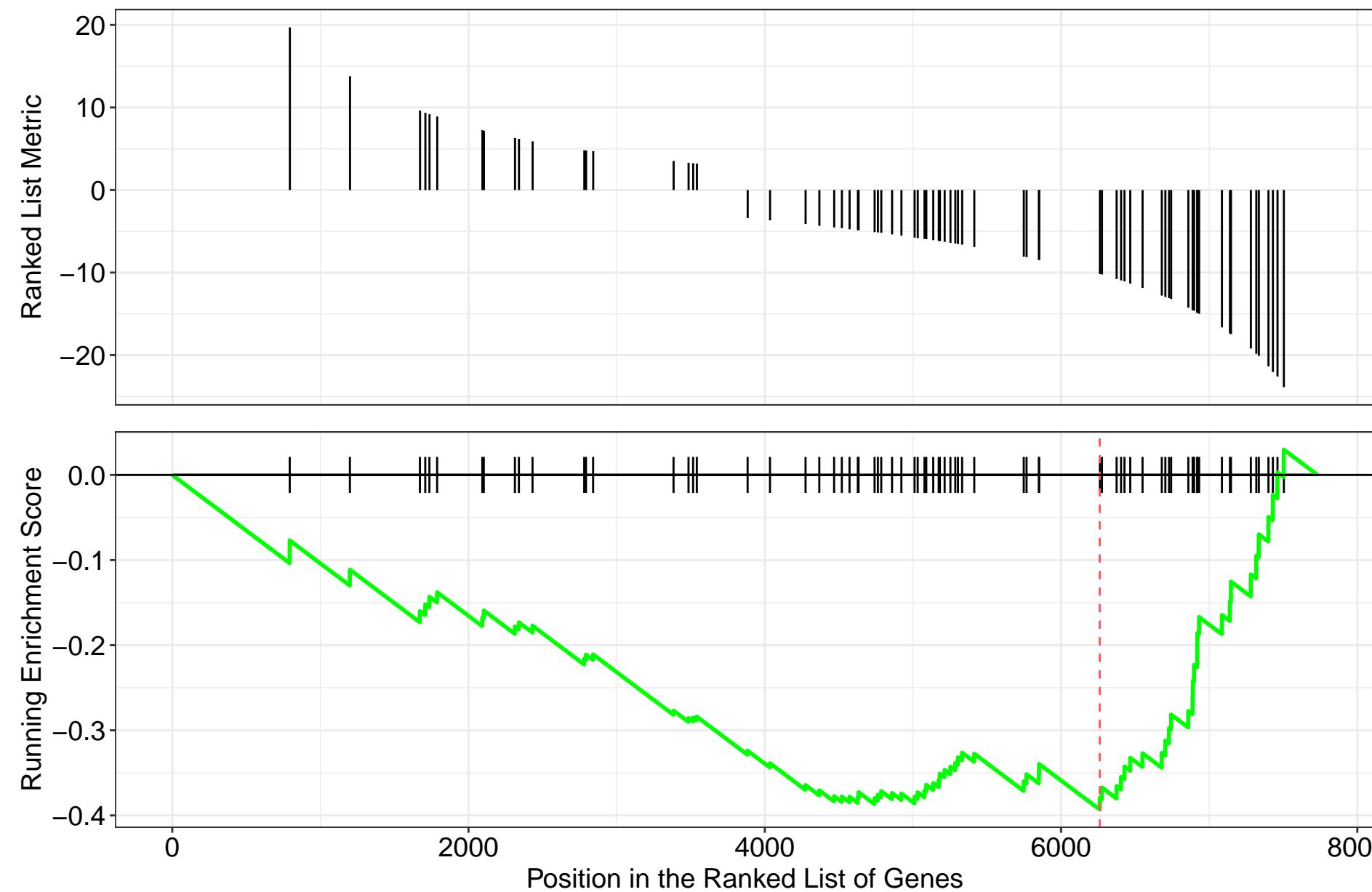
# regulation of interleukin–6 production



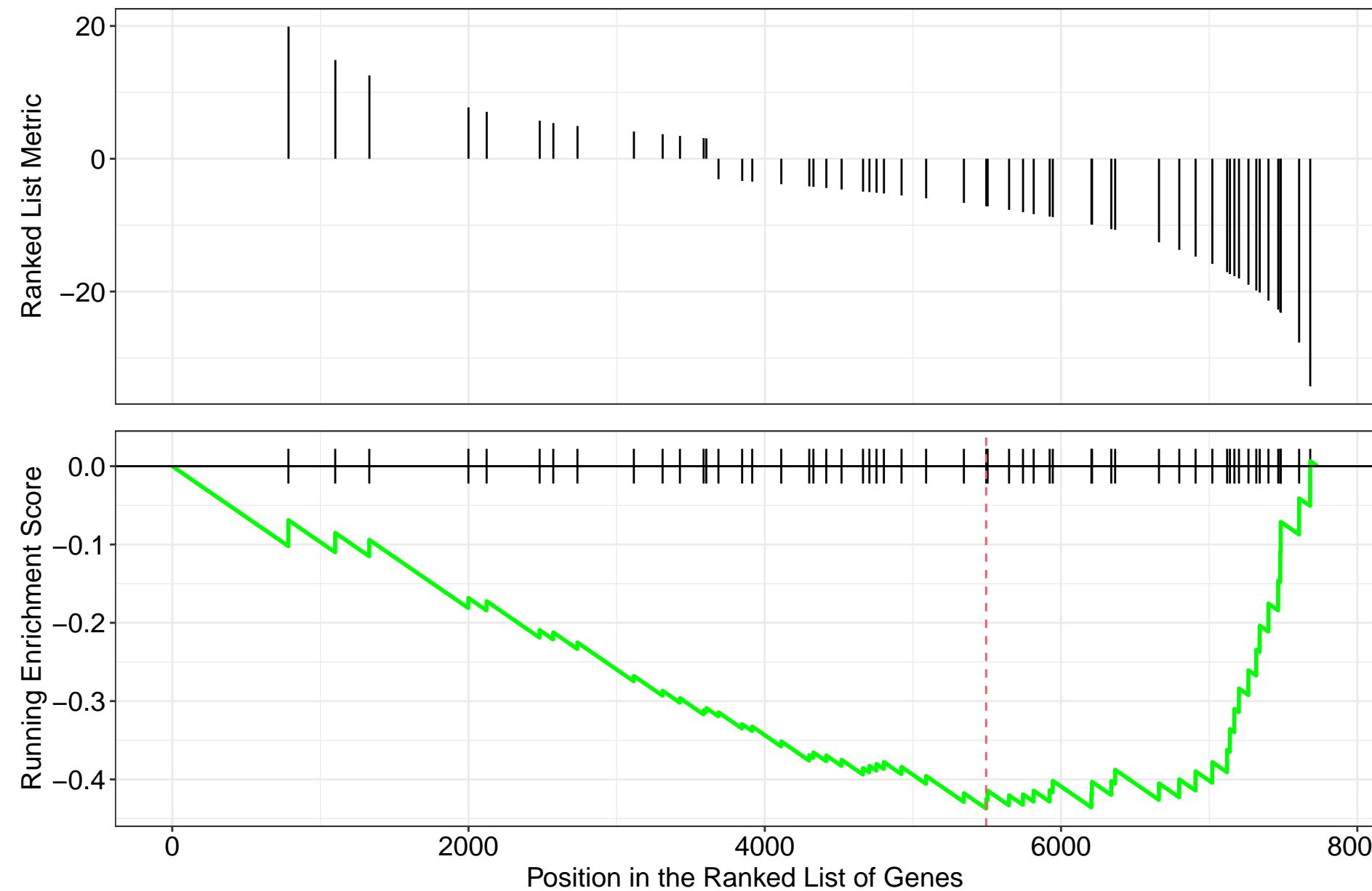
# negative regulation of production of molecular mediator of immune respon



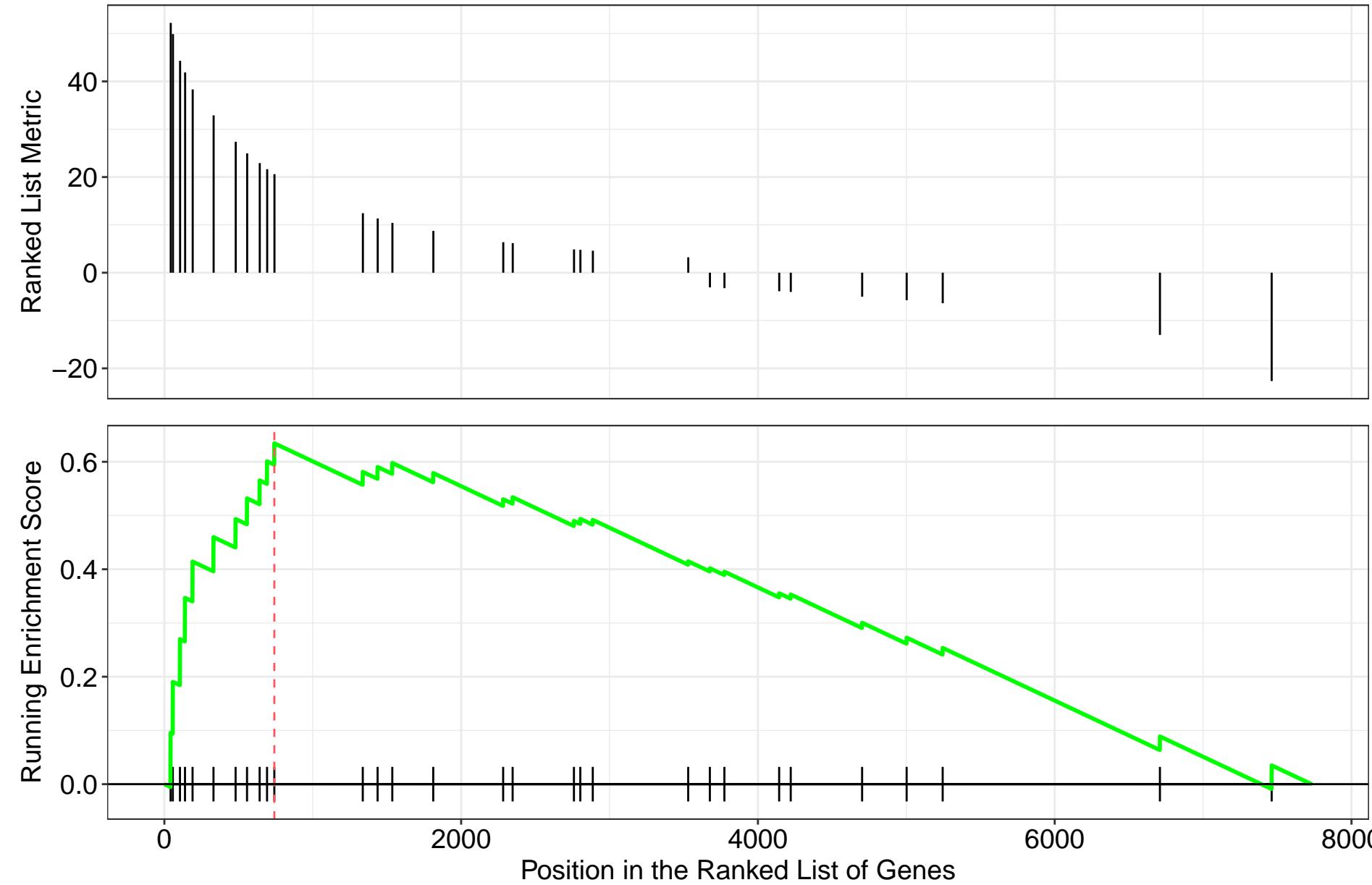
# centrosome cycle



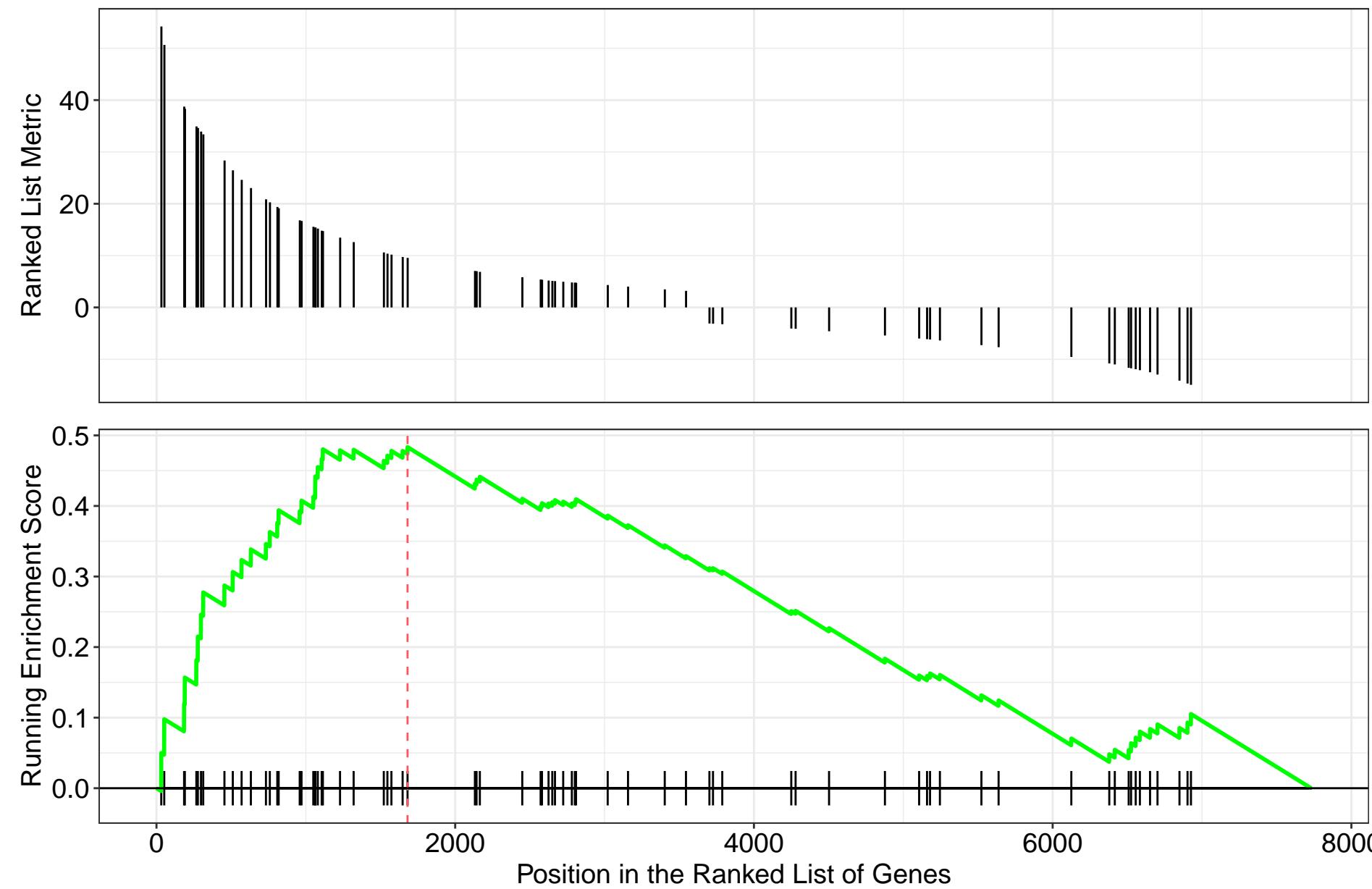
# protein localization to chromosome



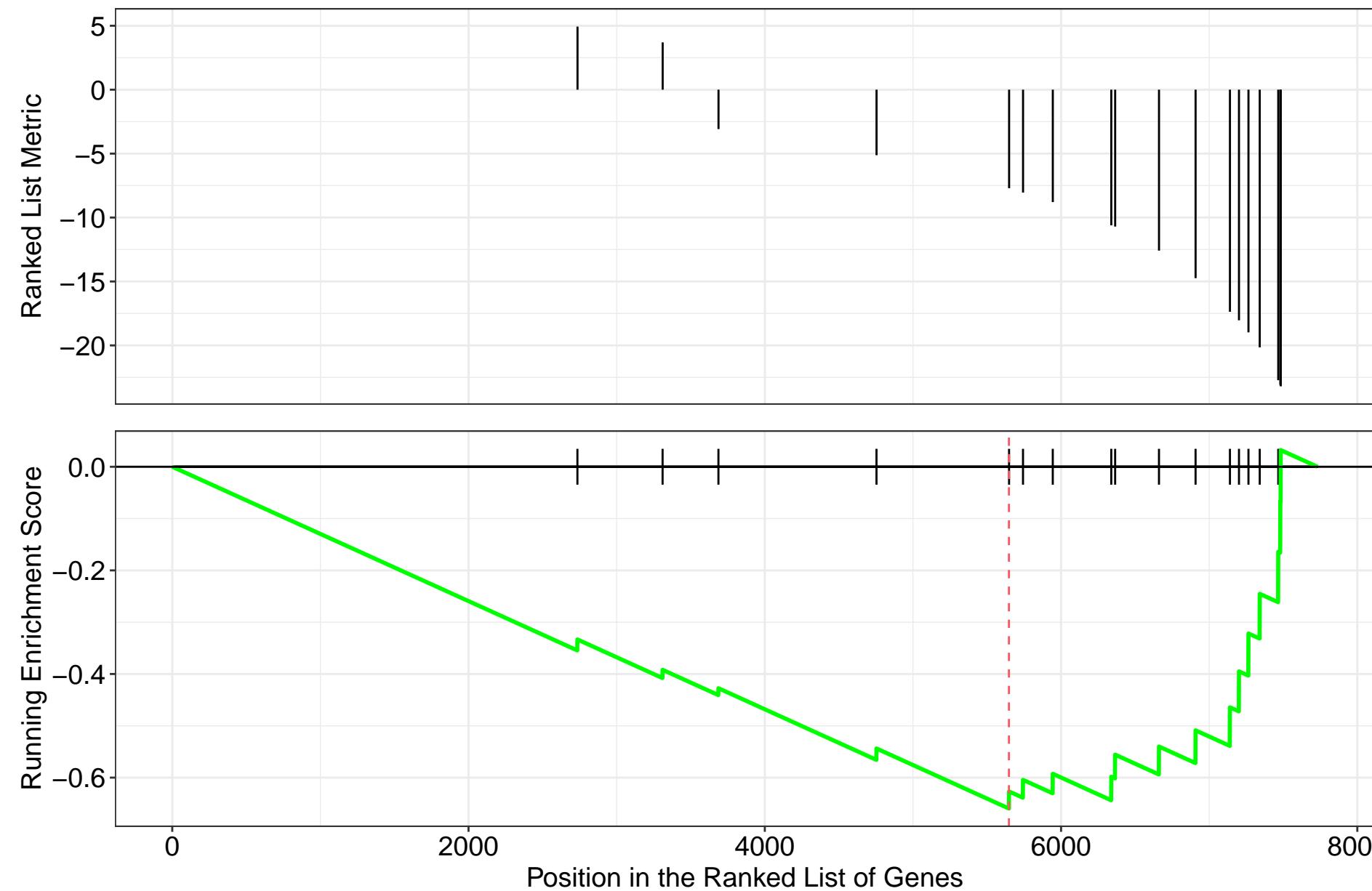
# activated T cell proliferation



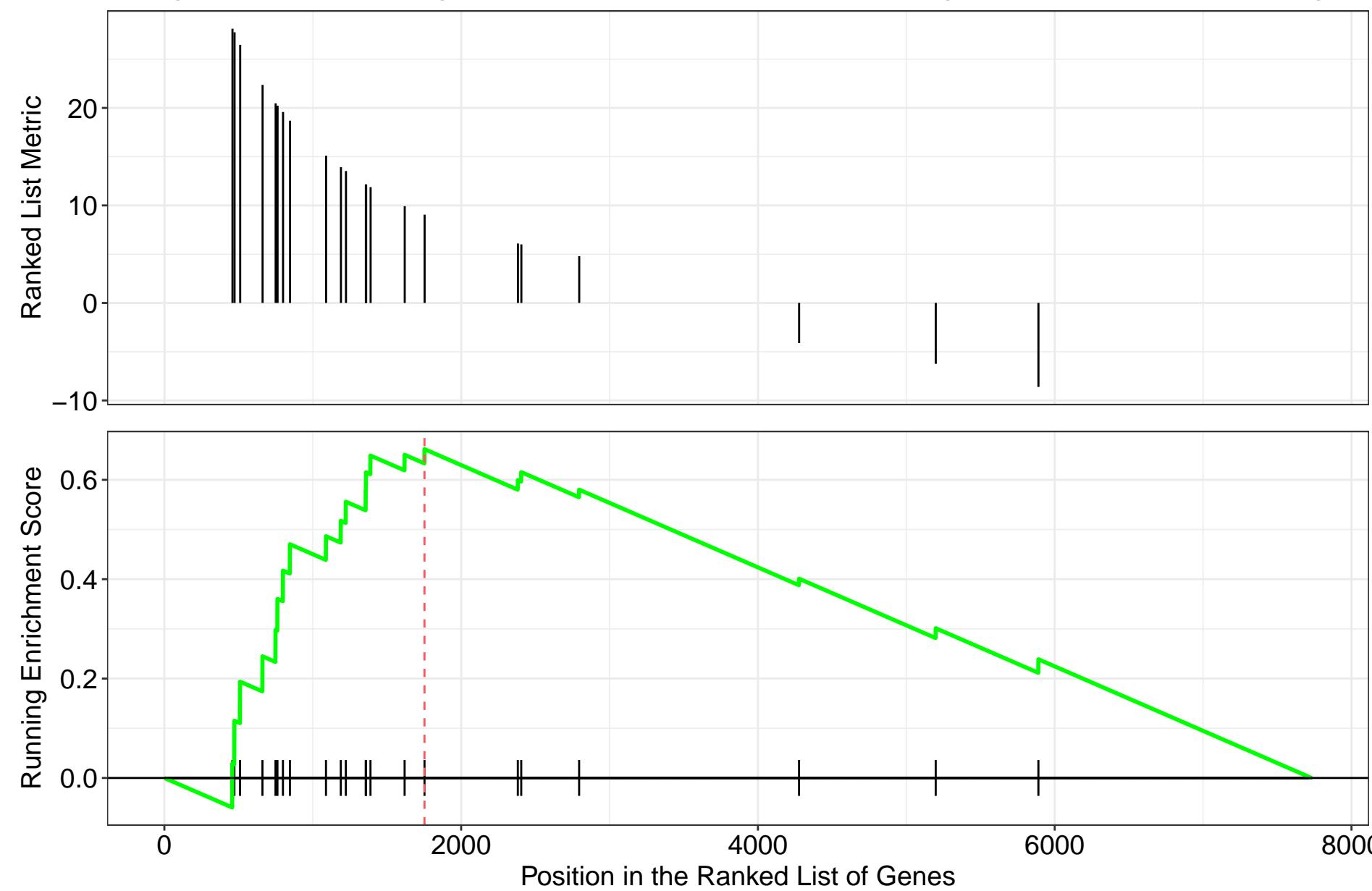
# positive regulation of stress-activated MAPK cascade



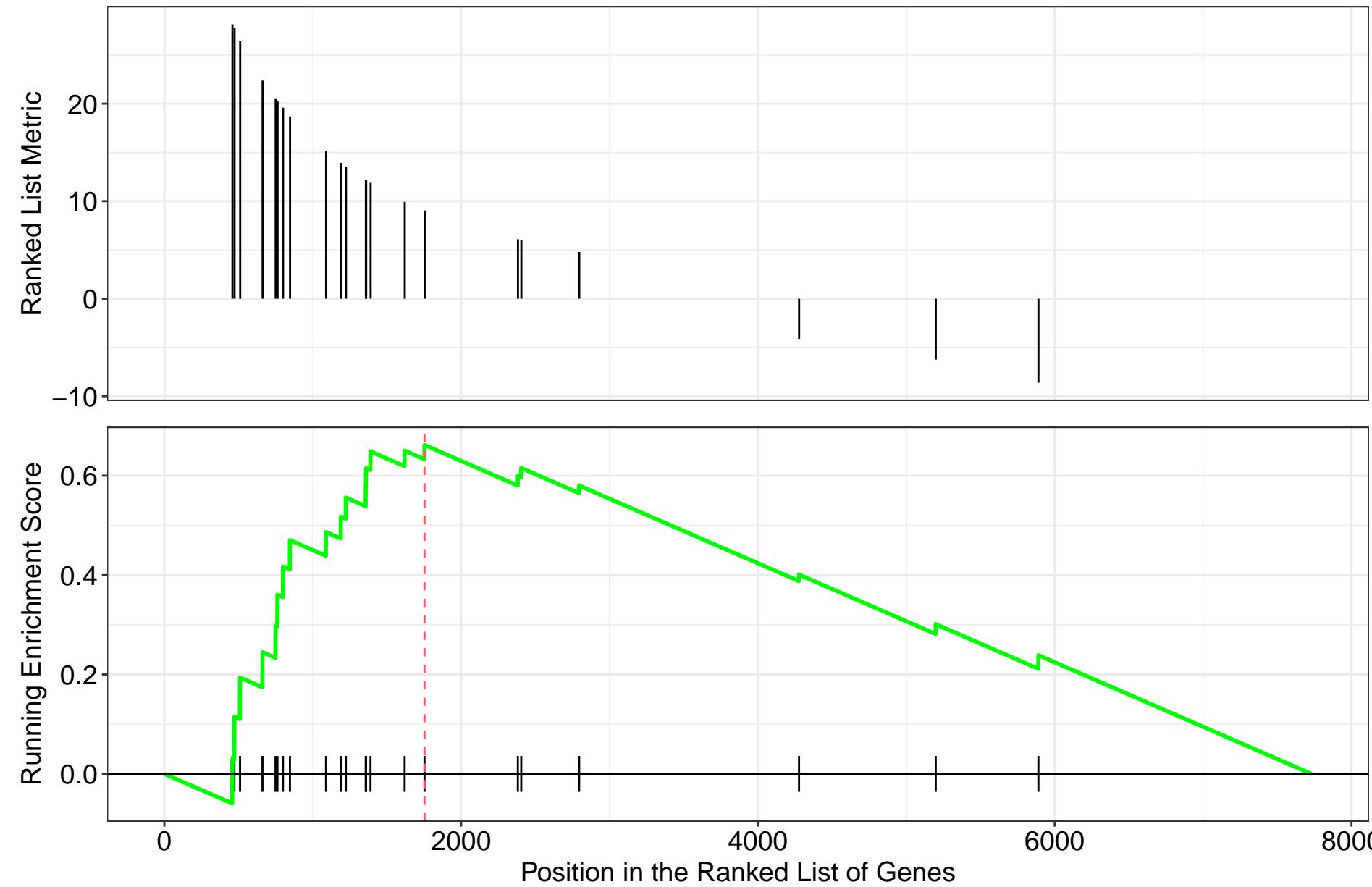
# protein localization to chromosome, centromeric region



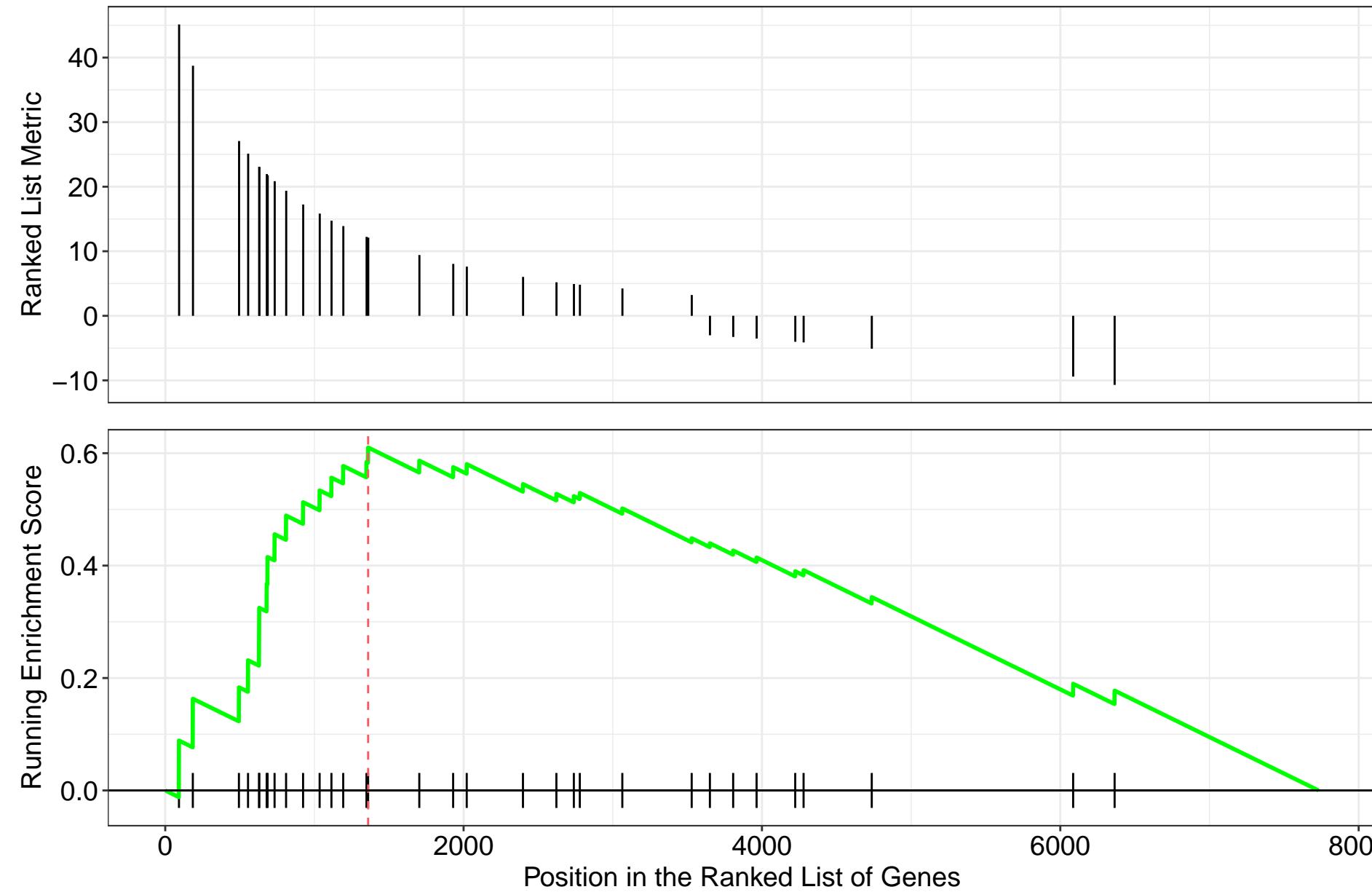
# antigen processing and presentation of endogenous peptide antigen



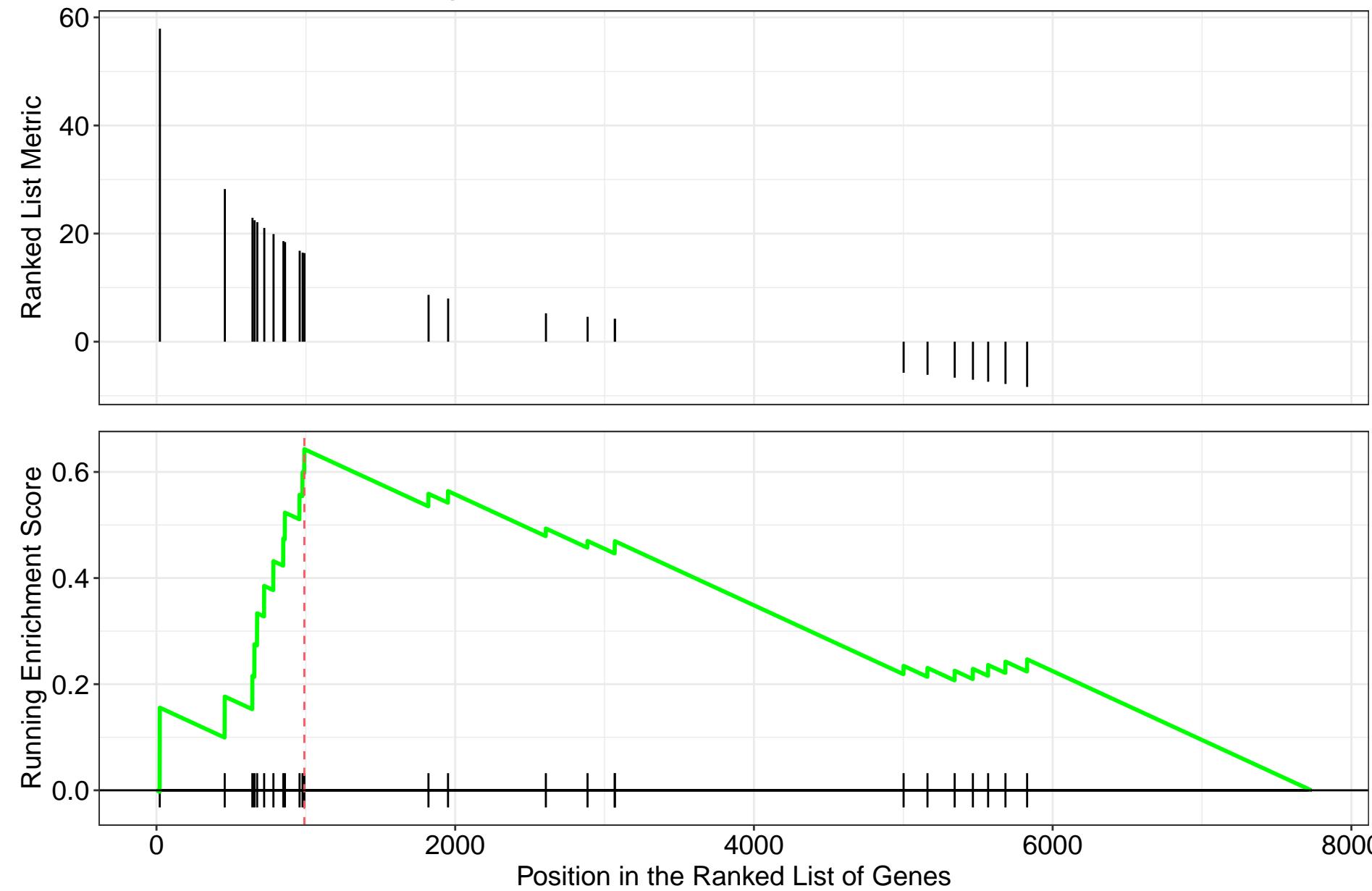
# Antigen processing and presentation of endogenous peptide antigen via MHC



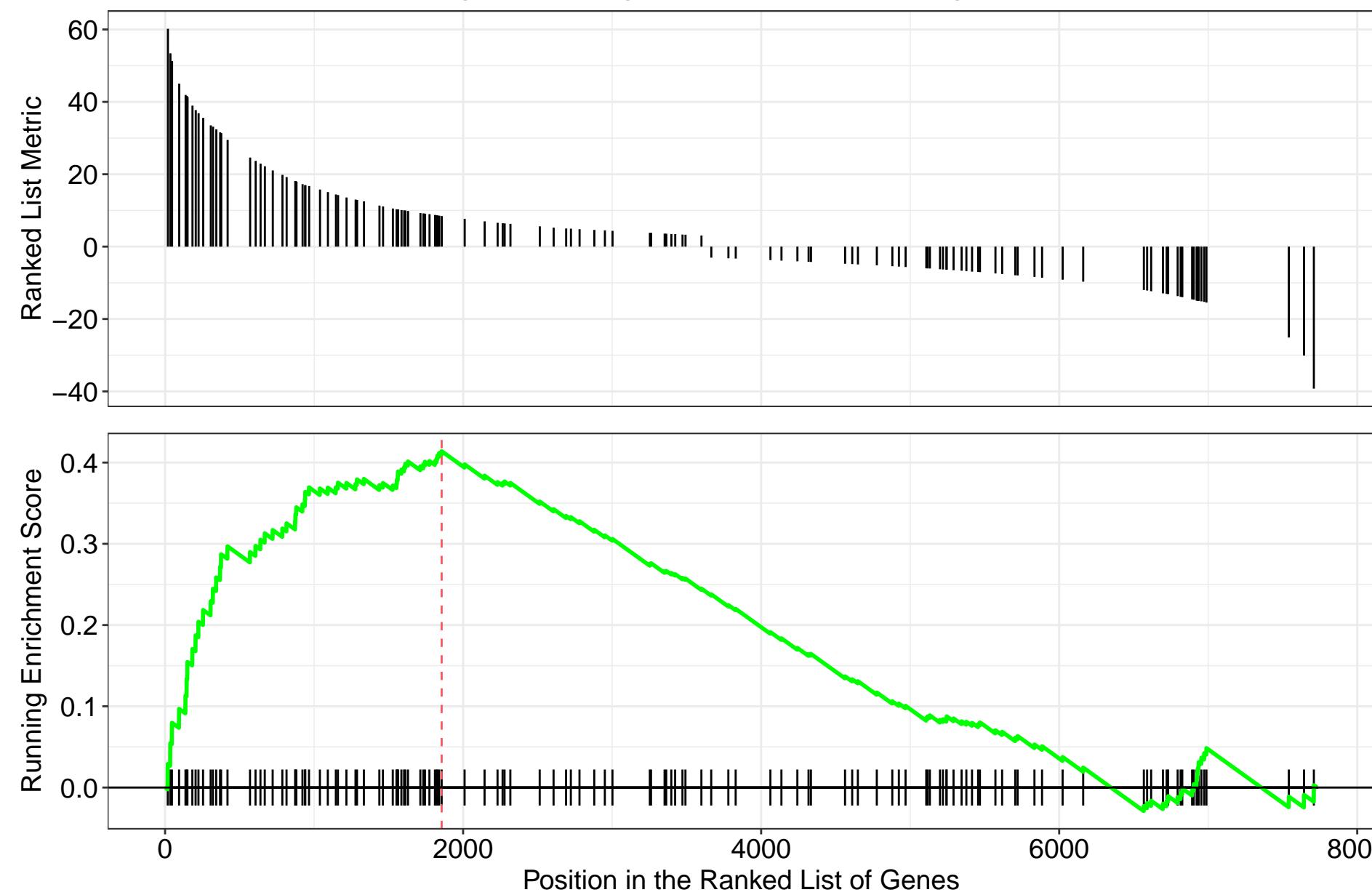
# cytoplasmic pattern recognition receptor signaling pathway



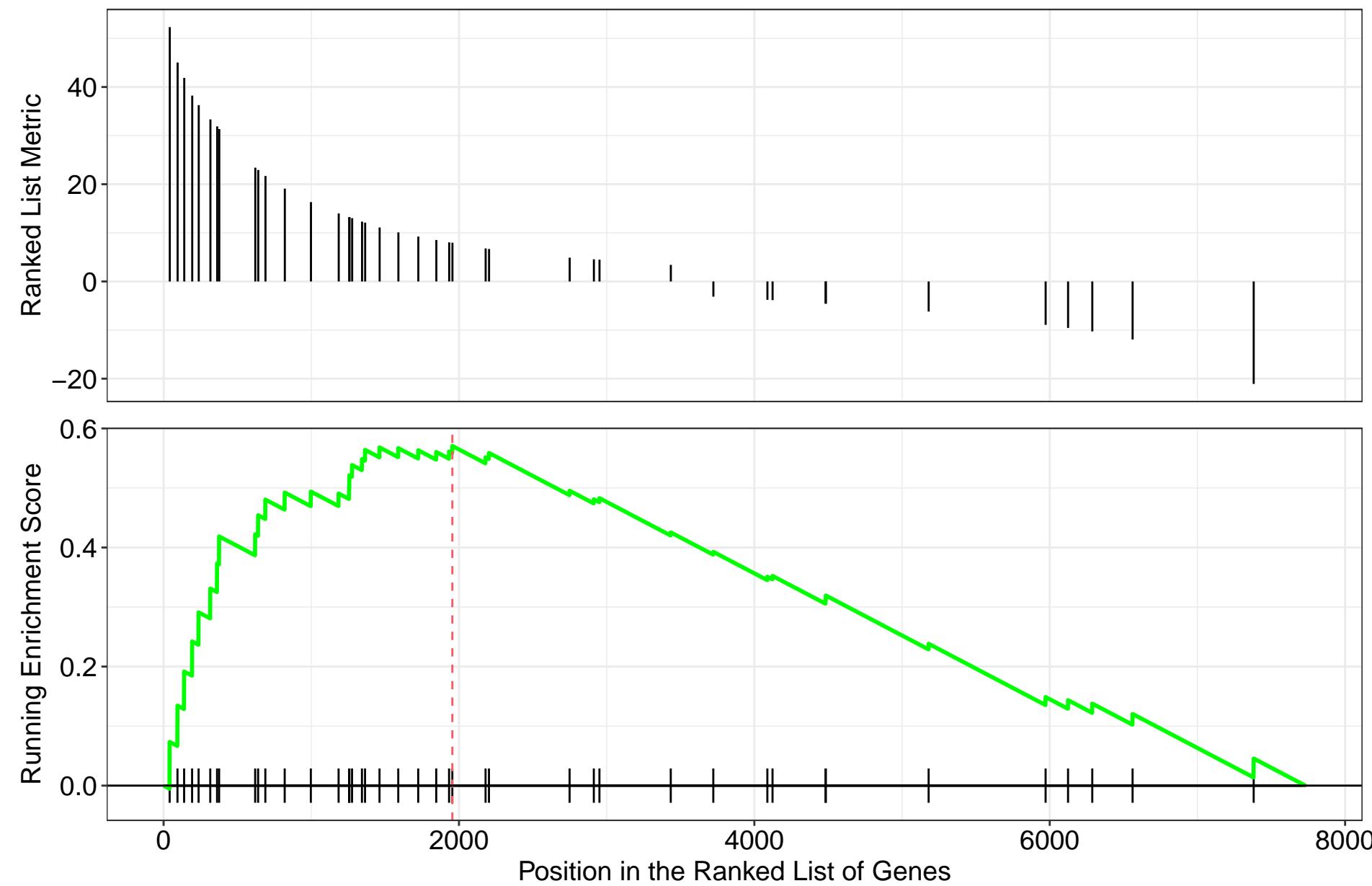
# regulation of phospholipase activity



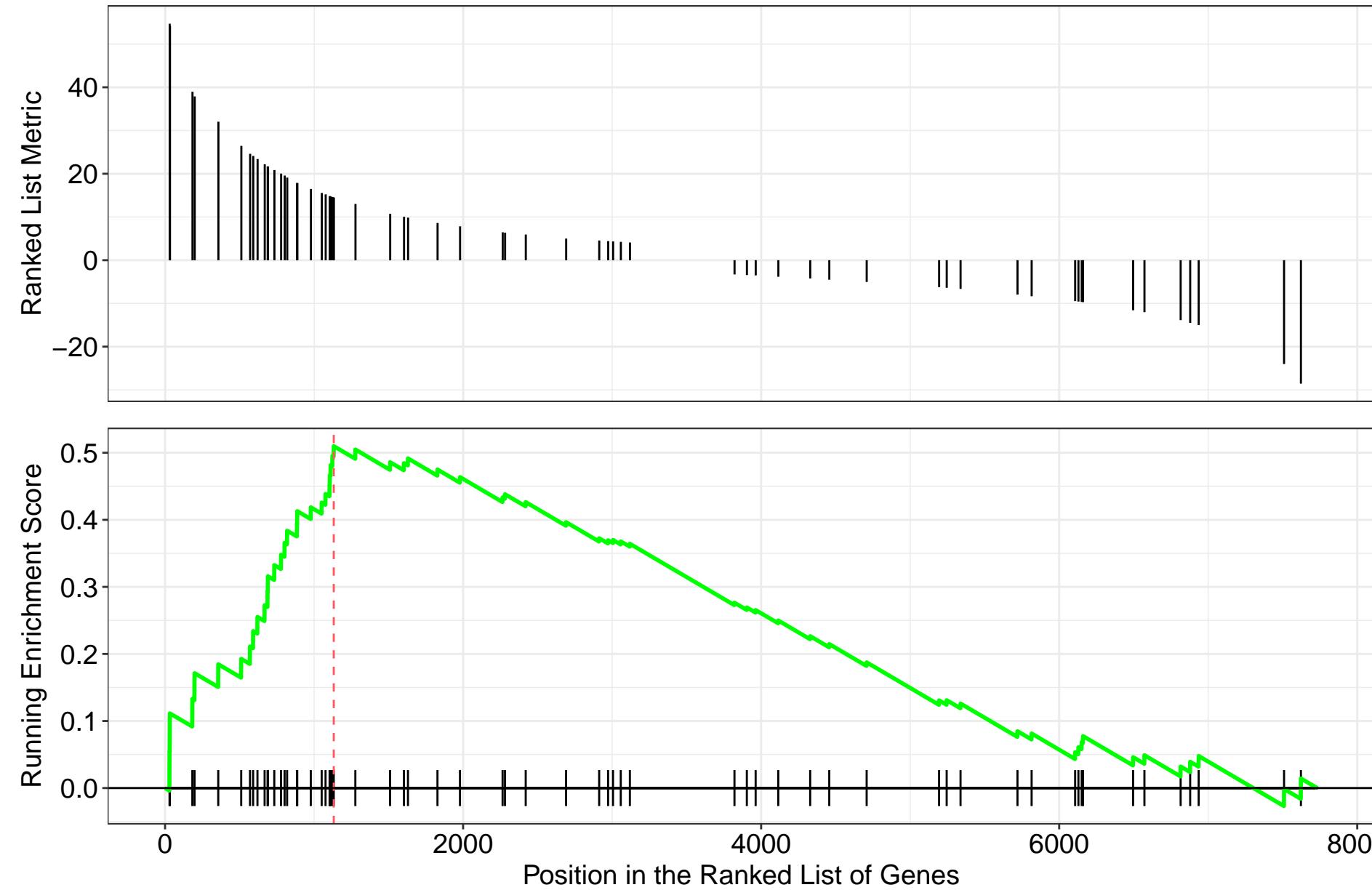
# negative regulation of cell migration



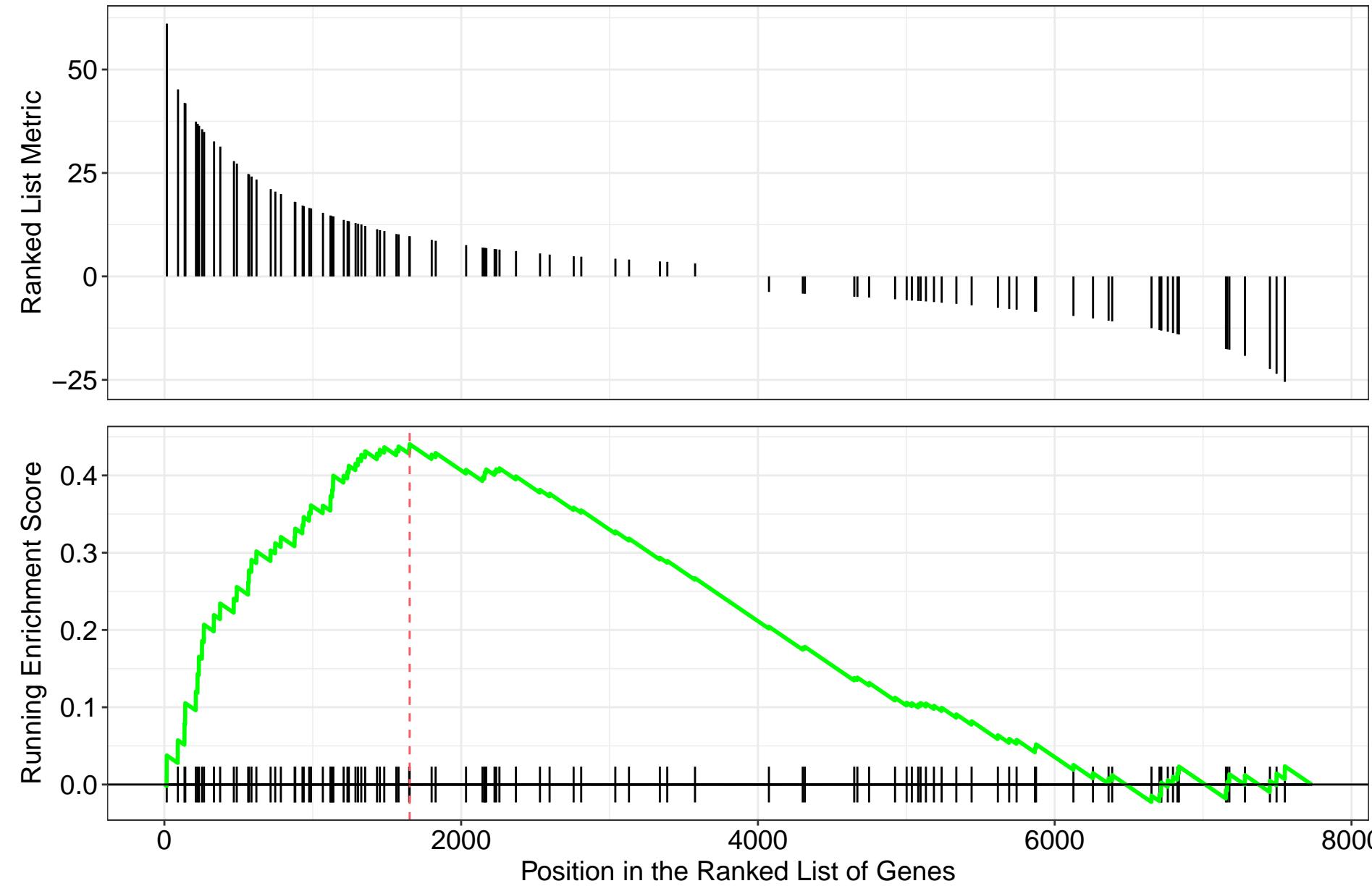
# regulation of biological process involved in symbiotic interaction



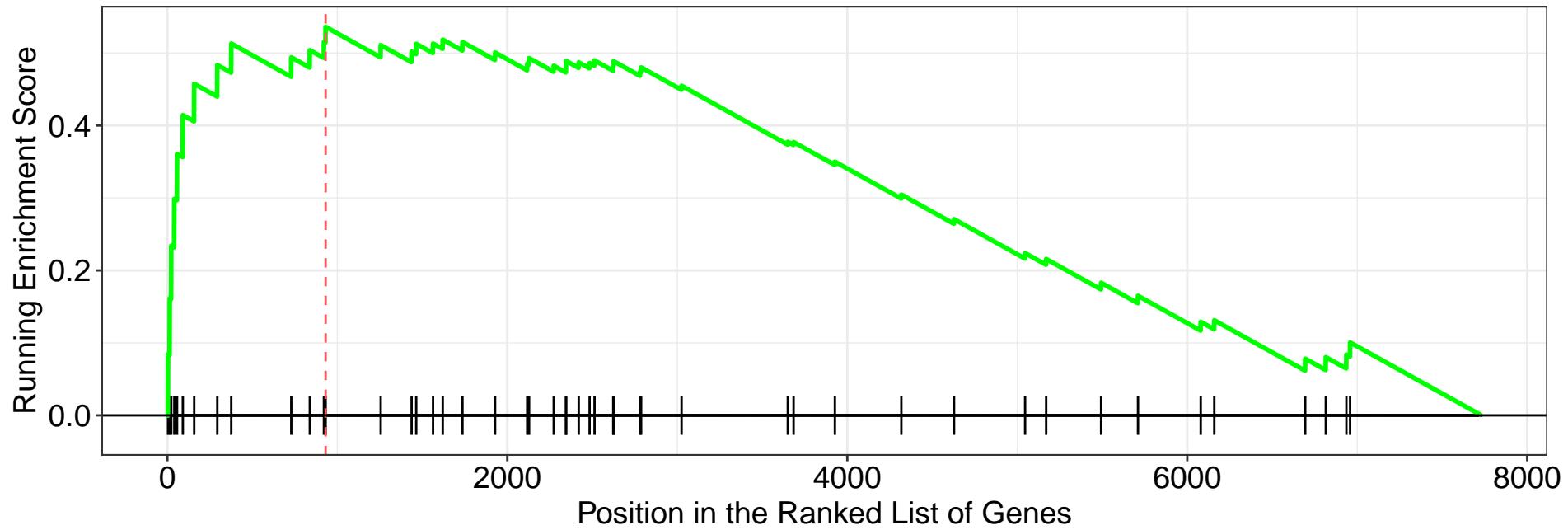
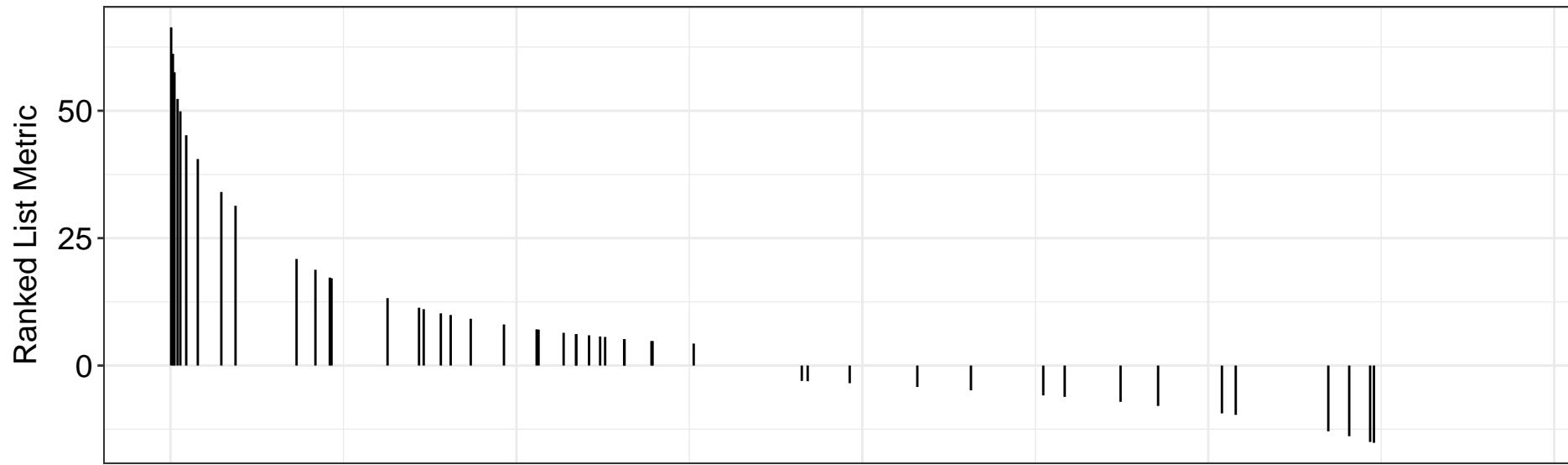
# regulation of phagocytosis



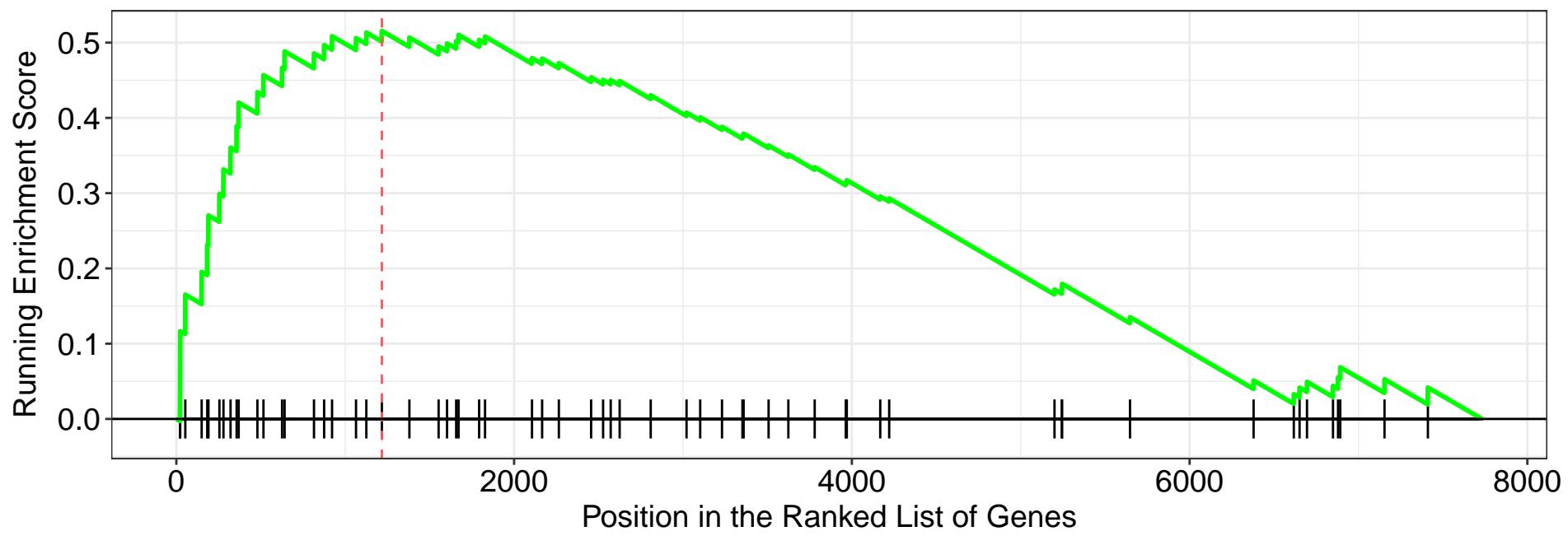
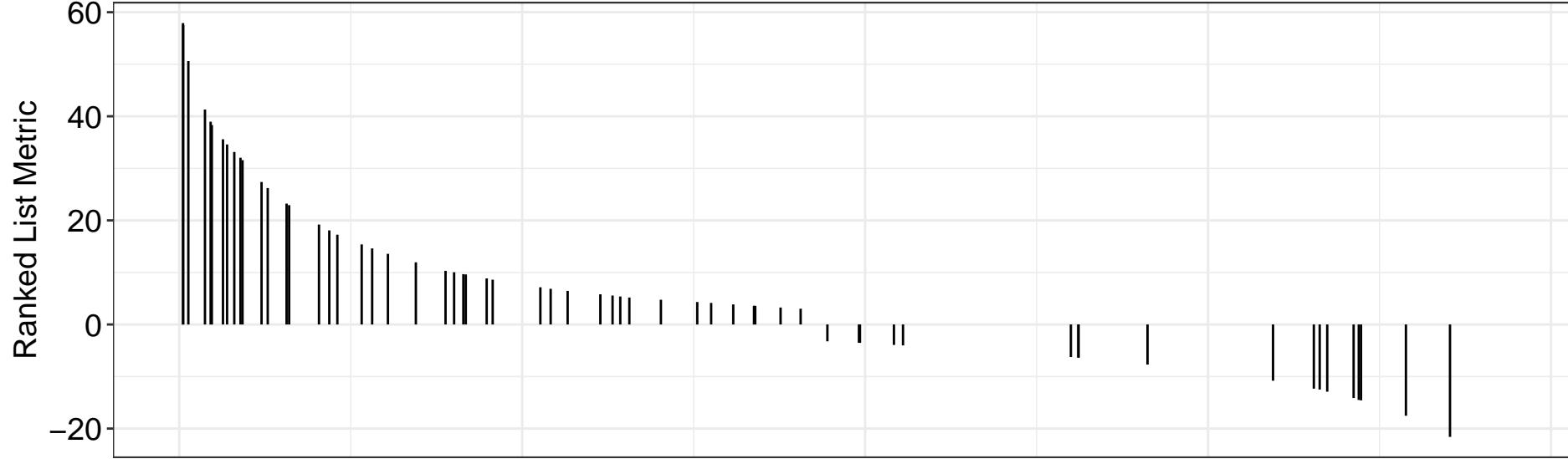
# extracellular structure organization



# regulation of receptor signaling pathway via STAT

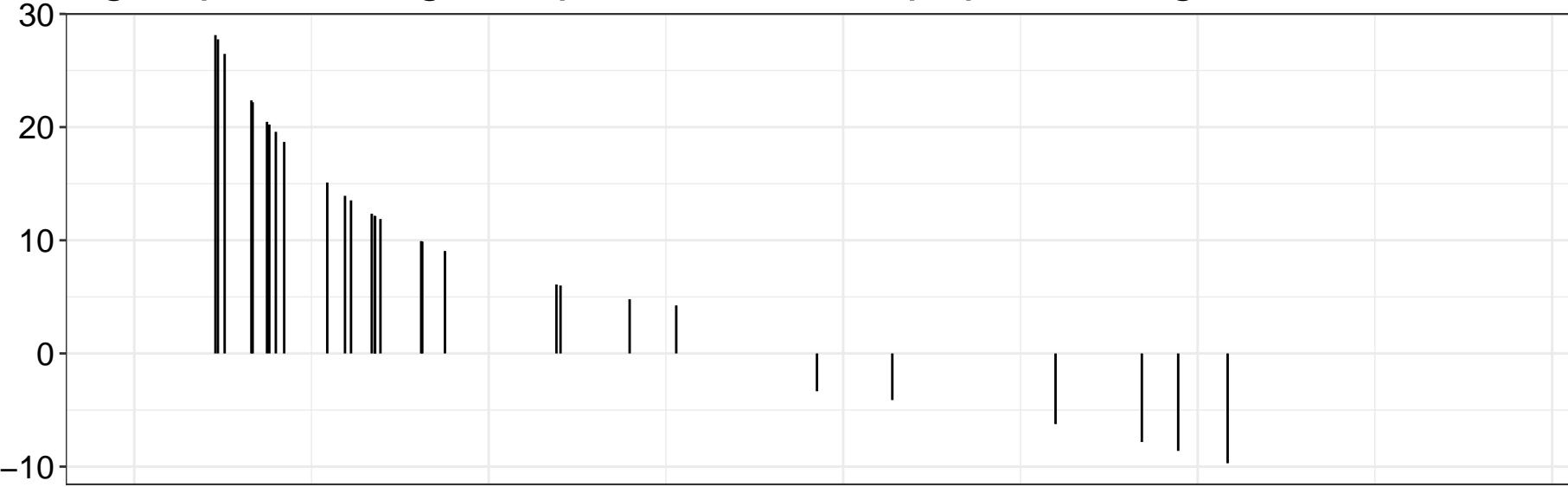


# regulation of mononuclear cell migration



# antigen processing and presentation of peptide antigen via MHC class

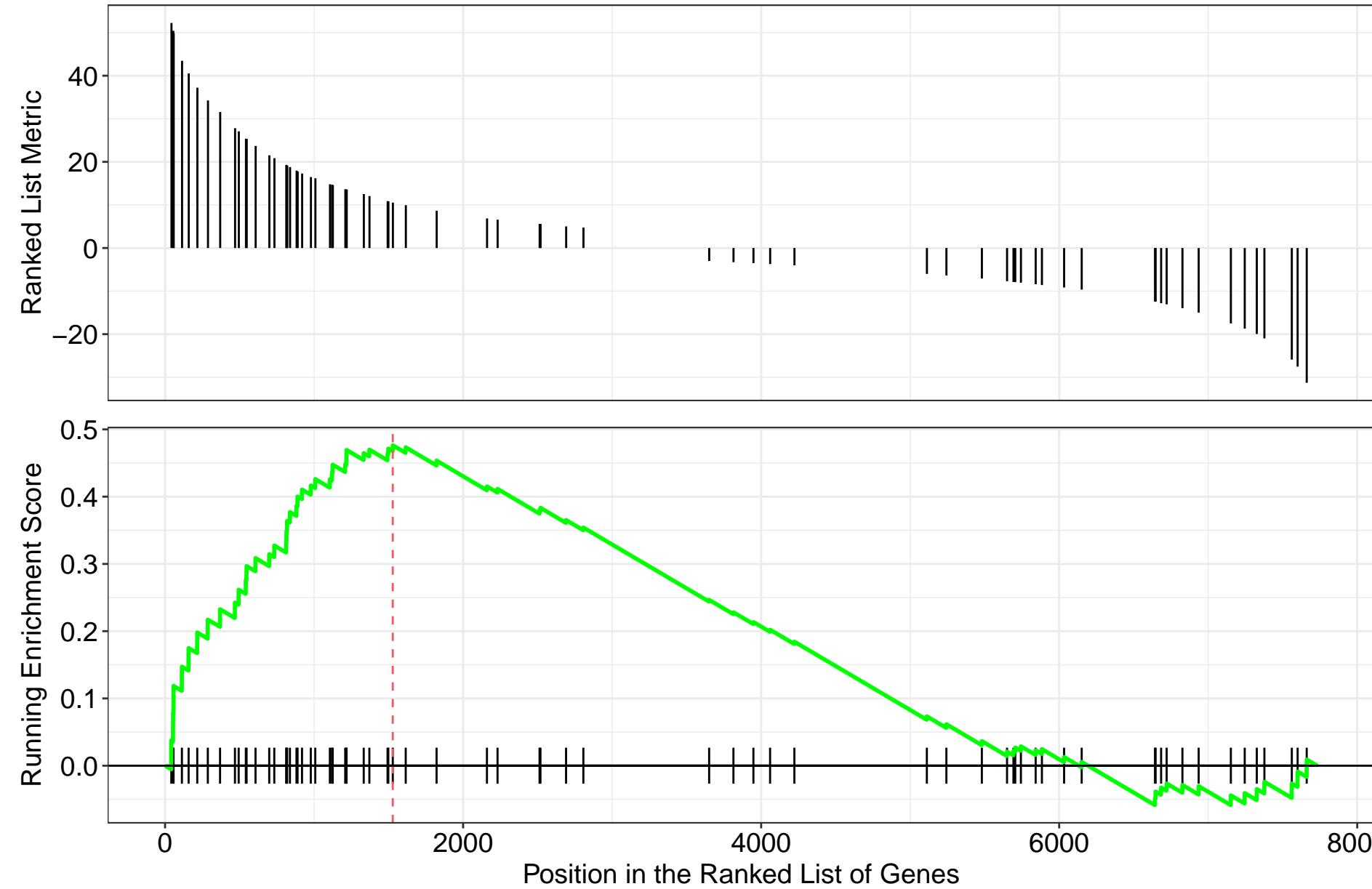
Ranked List Metric



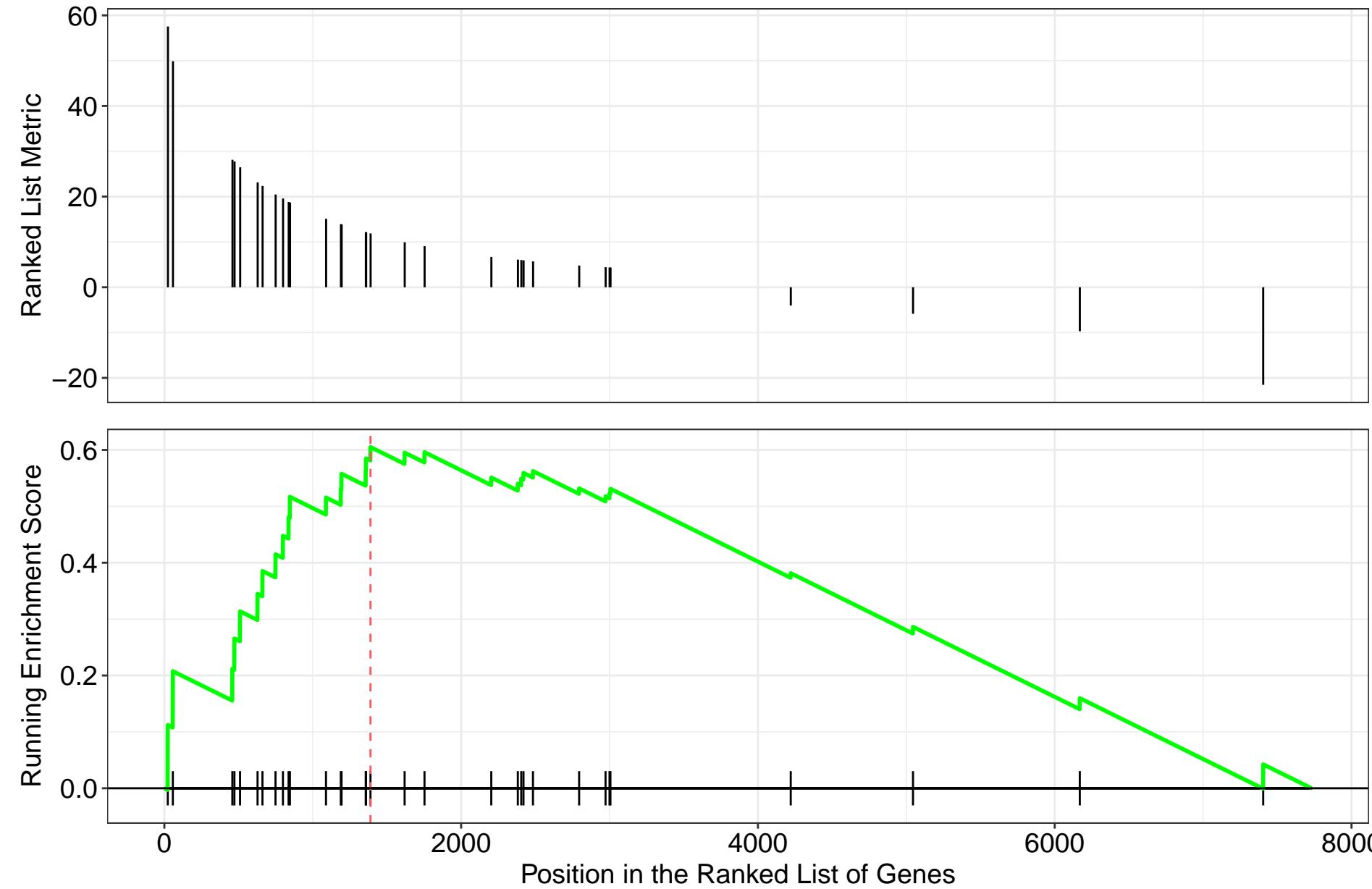
Running Enrichment Score



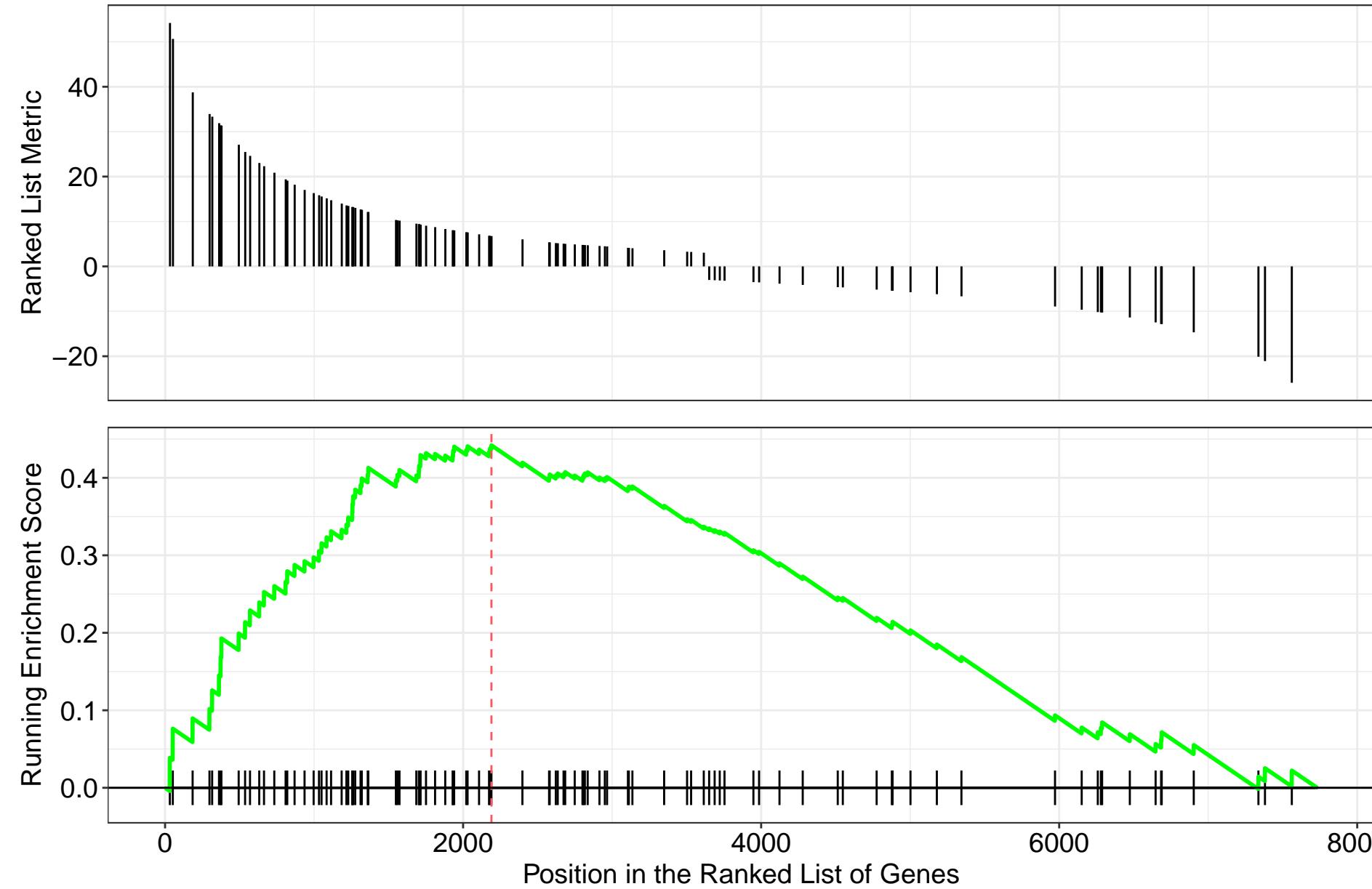
# negative regulation of inflammatory response



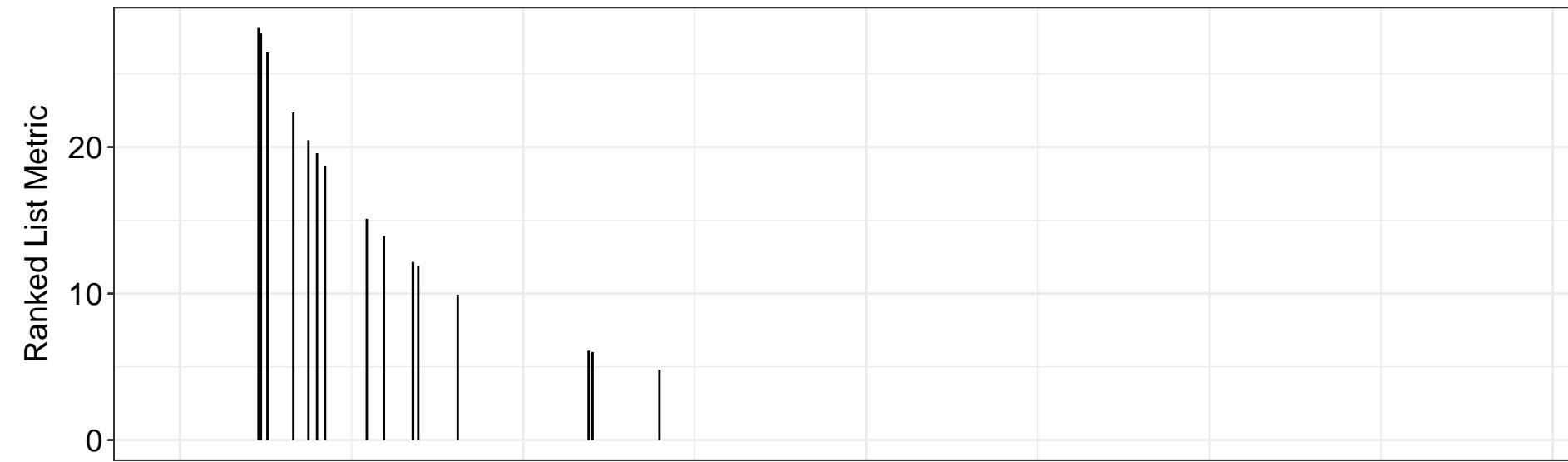
# regulation of T cell mediated cytotoxicity



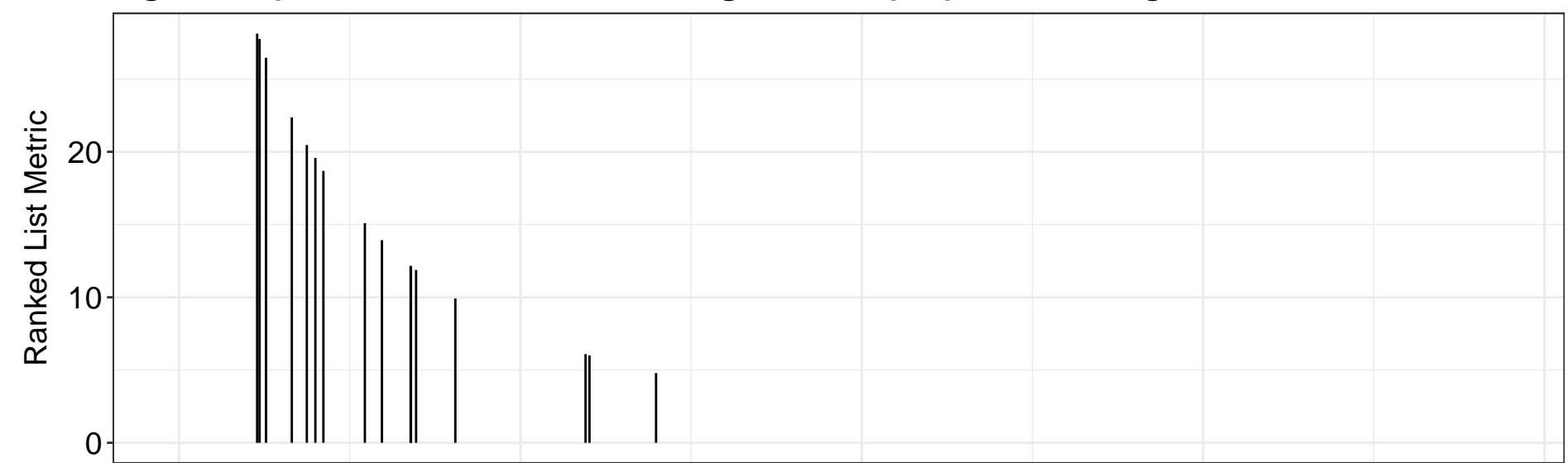
# regulation of I-kappaB kinase/NF-kappaB signaling



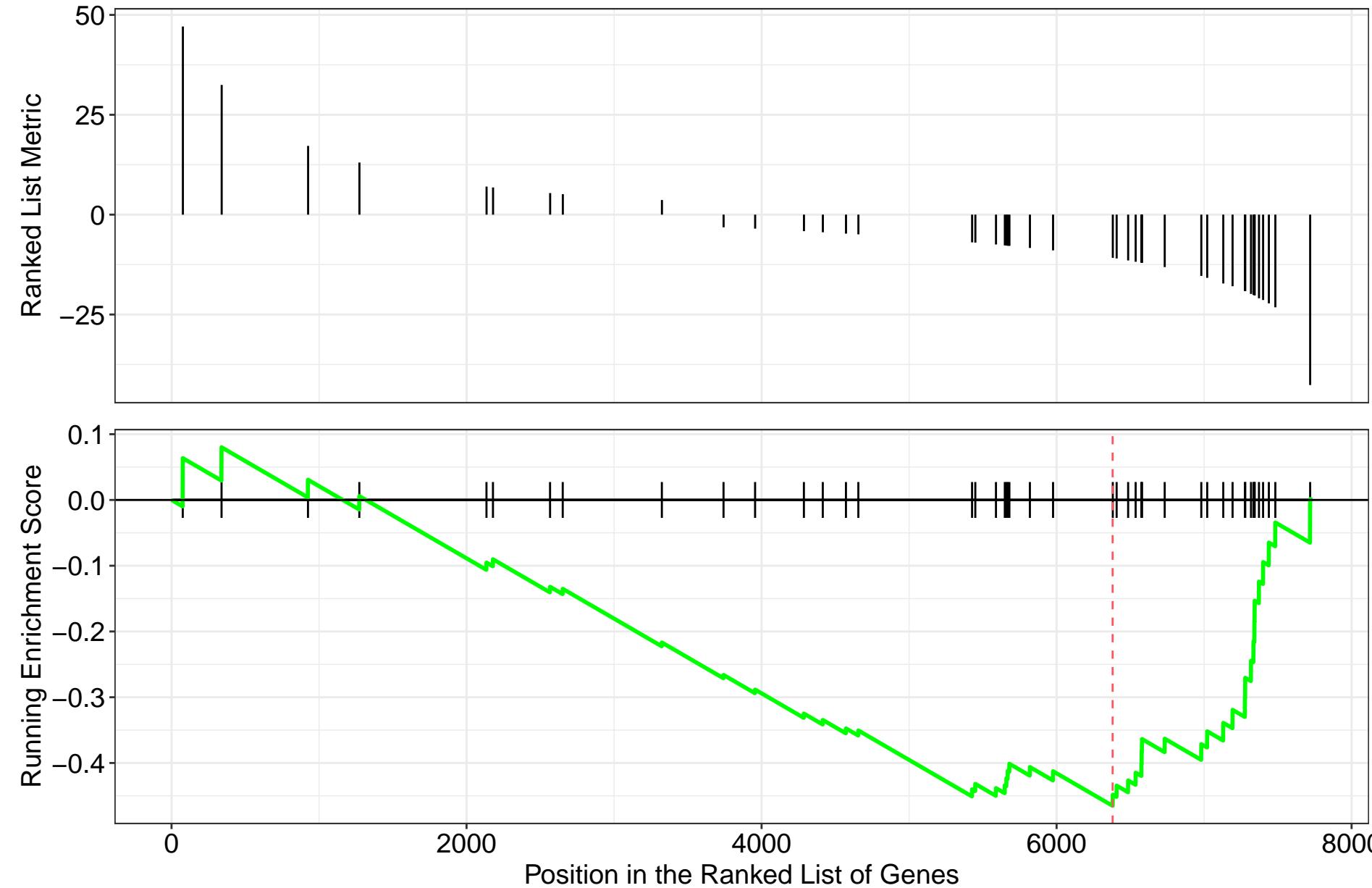
# Gen processing and presentation of endogenous peptide antigen via MHC



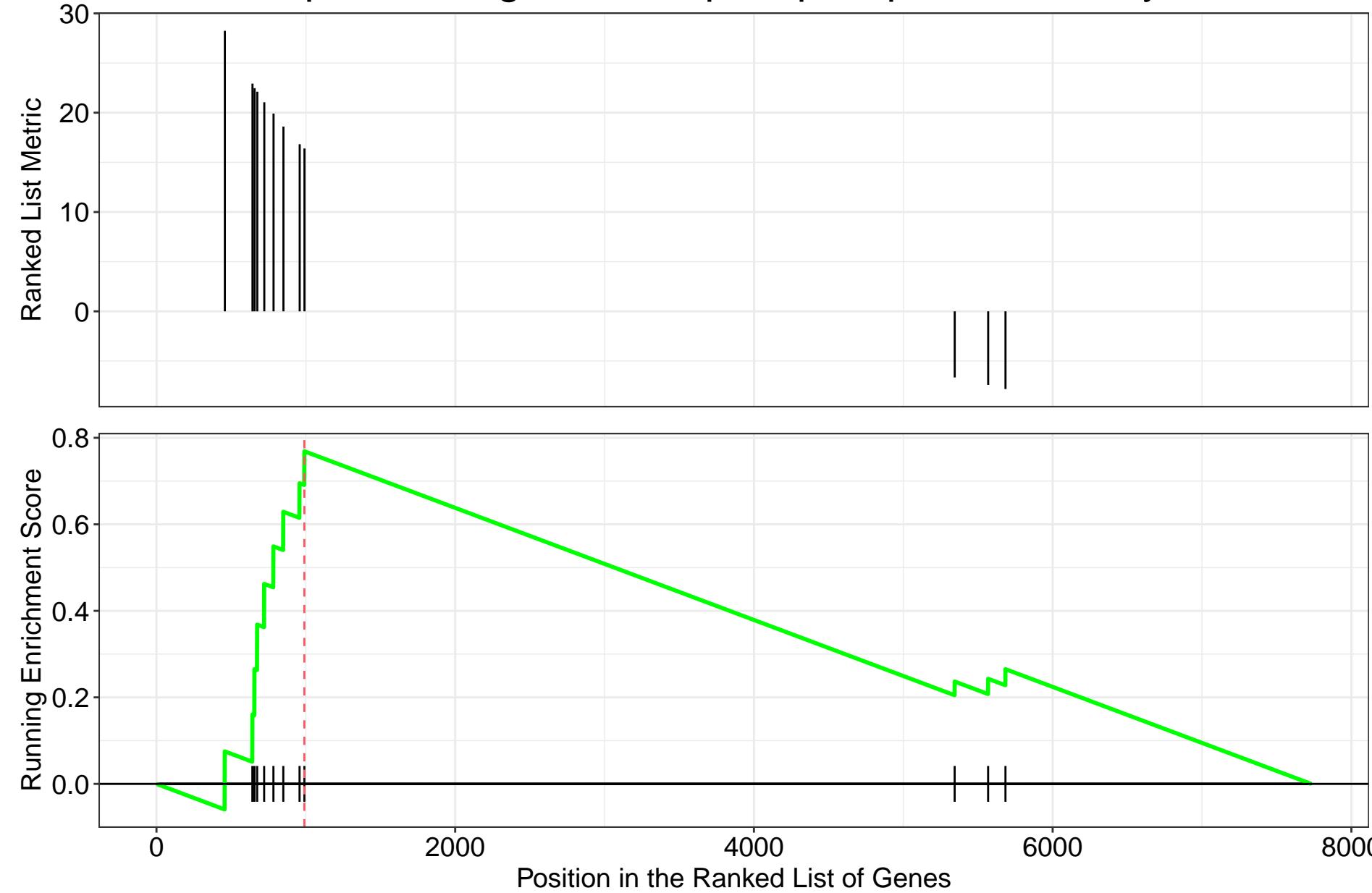
# Processing and presentation of endogenous peptide antigen via MHC class I



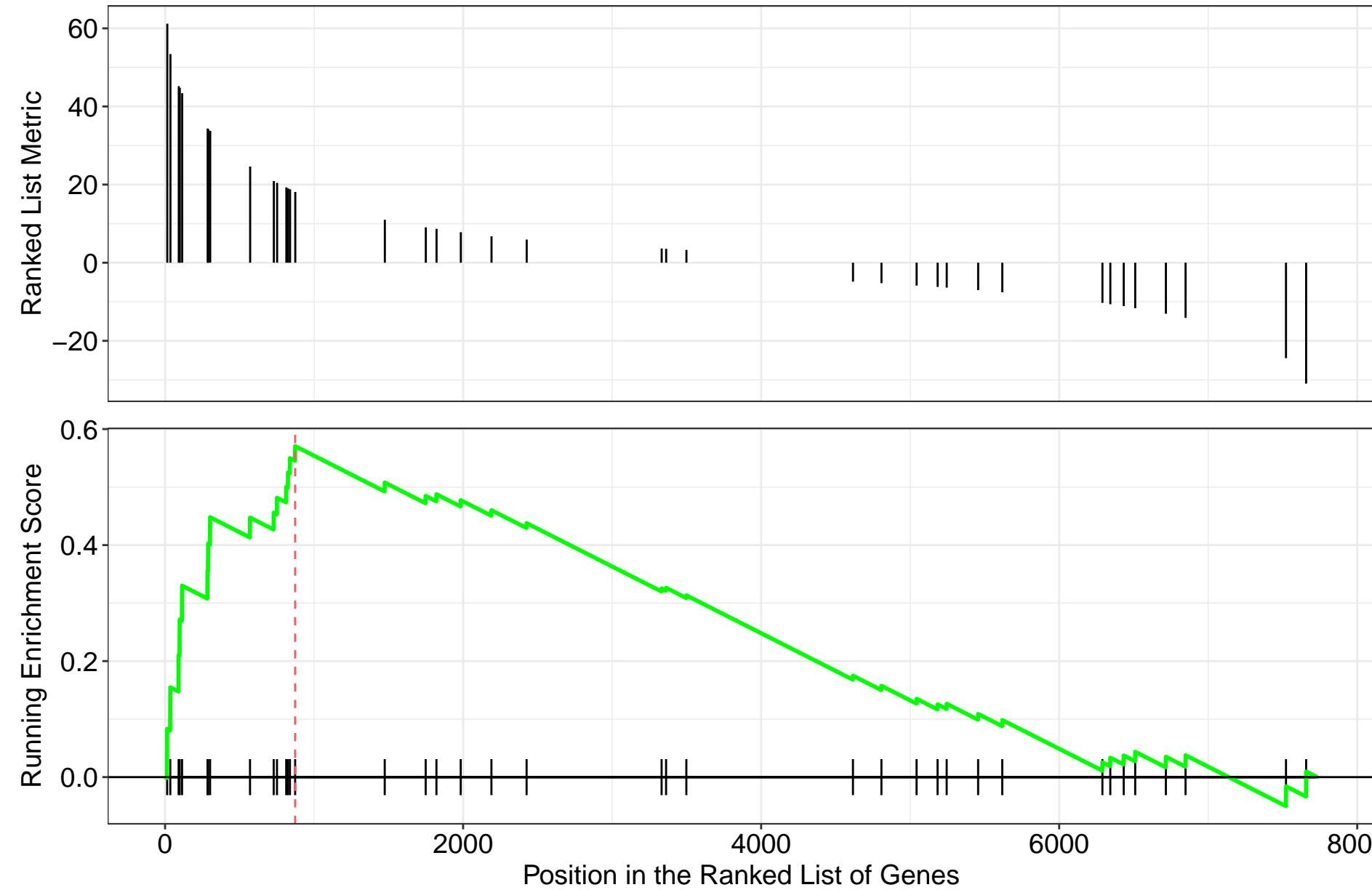
# meiotic chromosome segregation



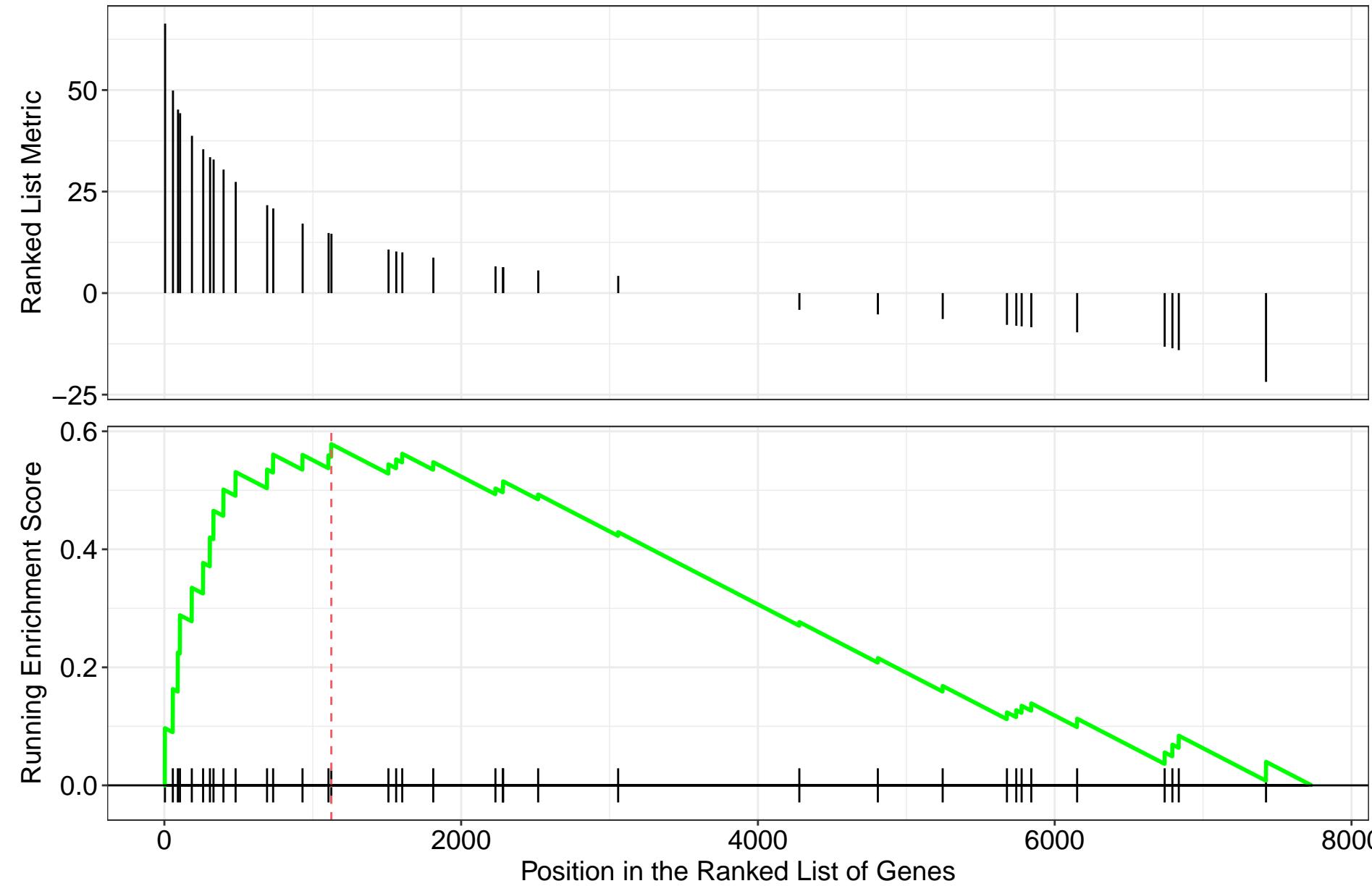
# positive regulation of phospholipase C activity



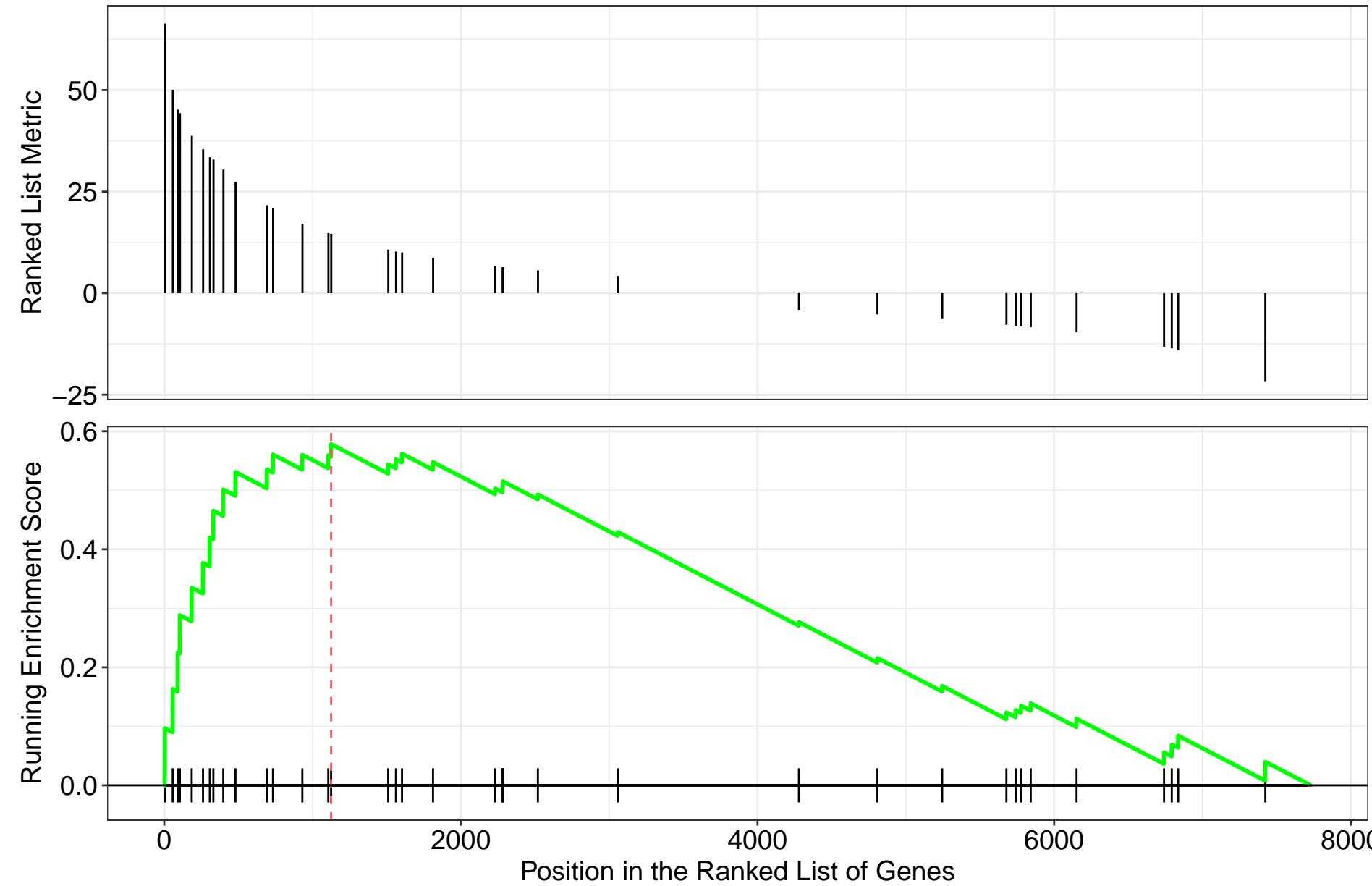
# response to glucocorticoid



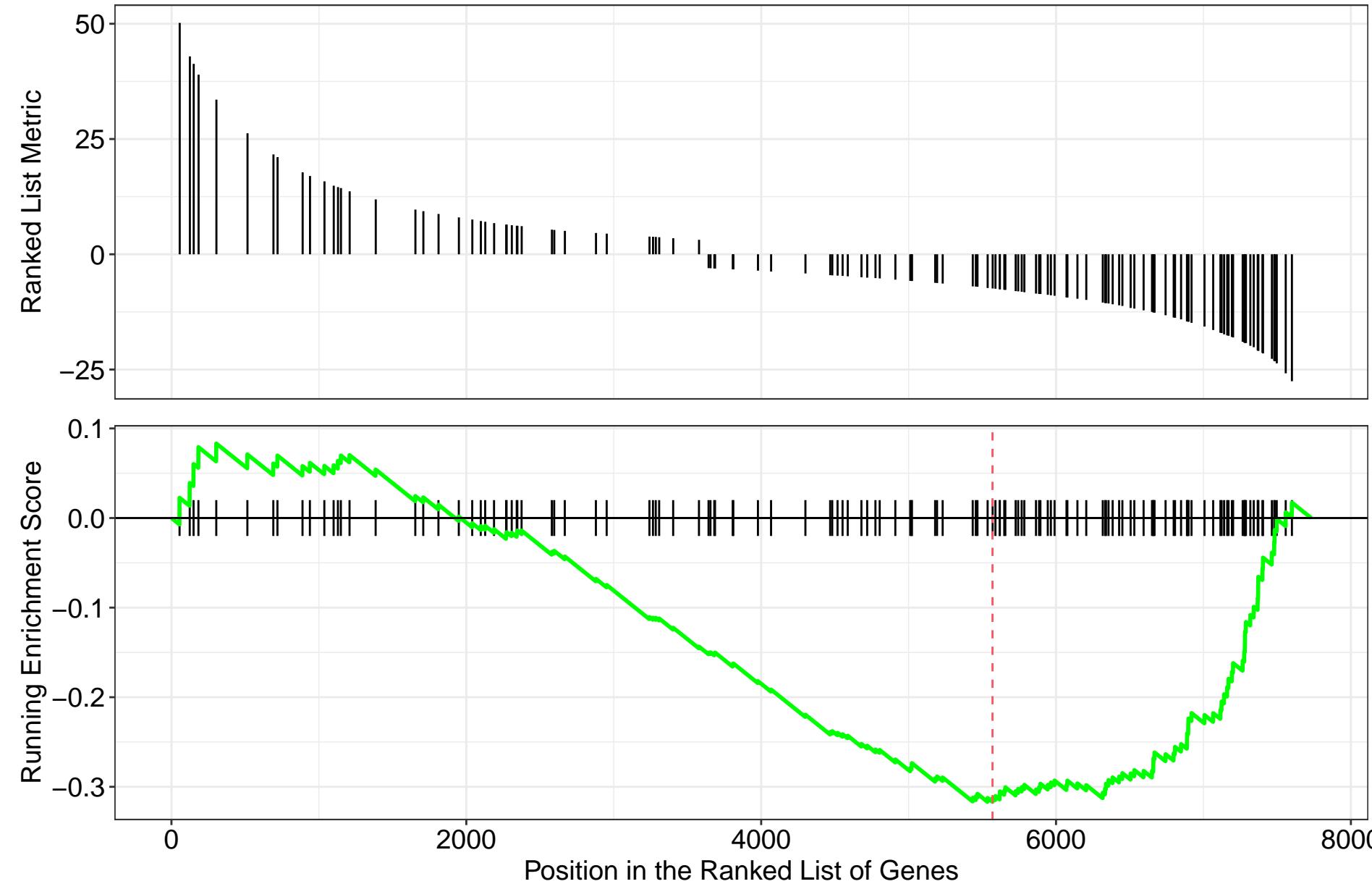
# interleukin–10 production



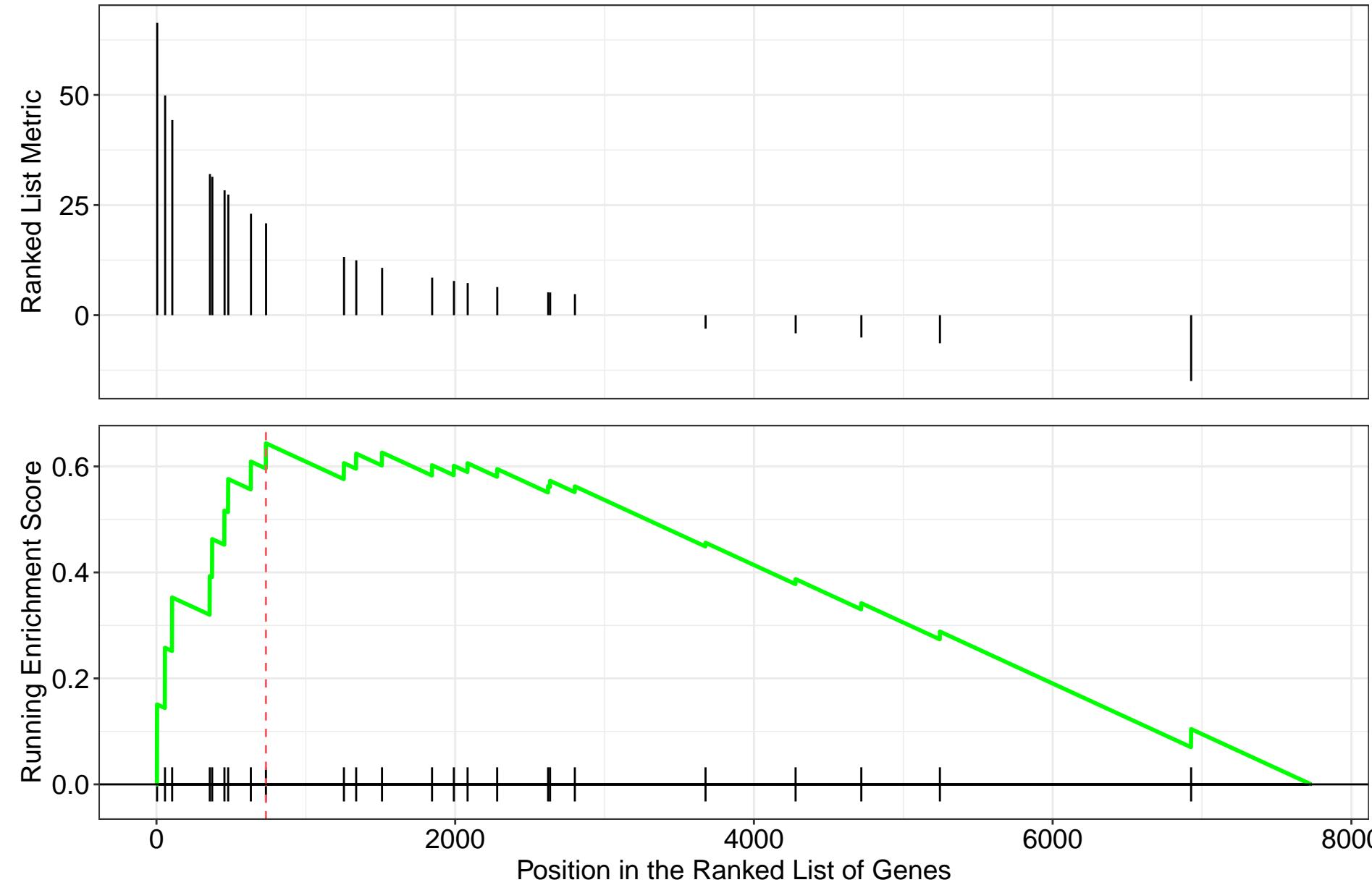
# regulation of interleukin-10 production



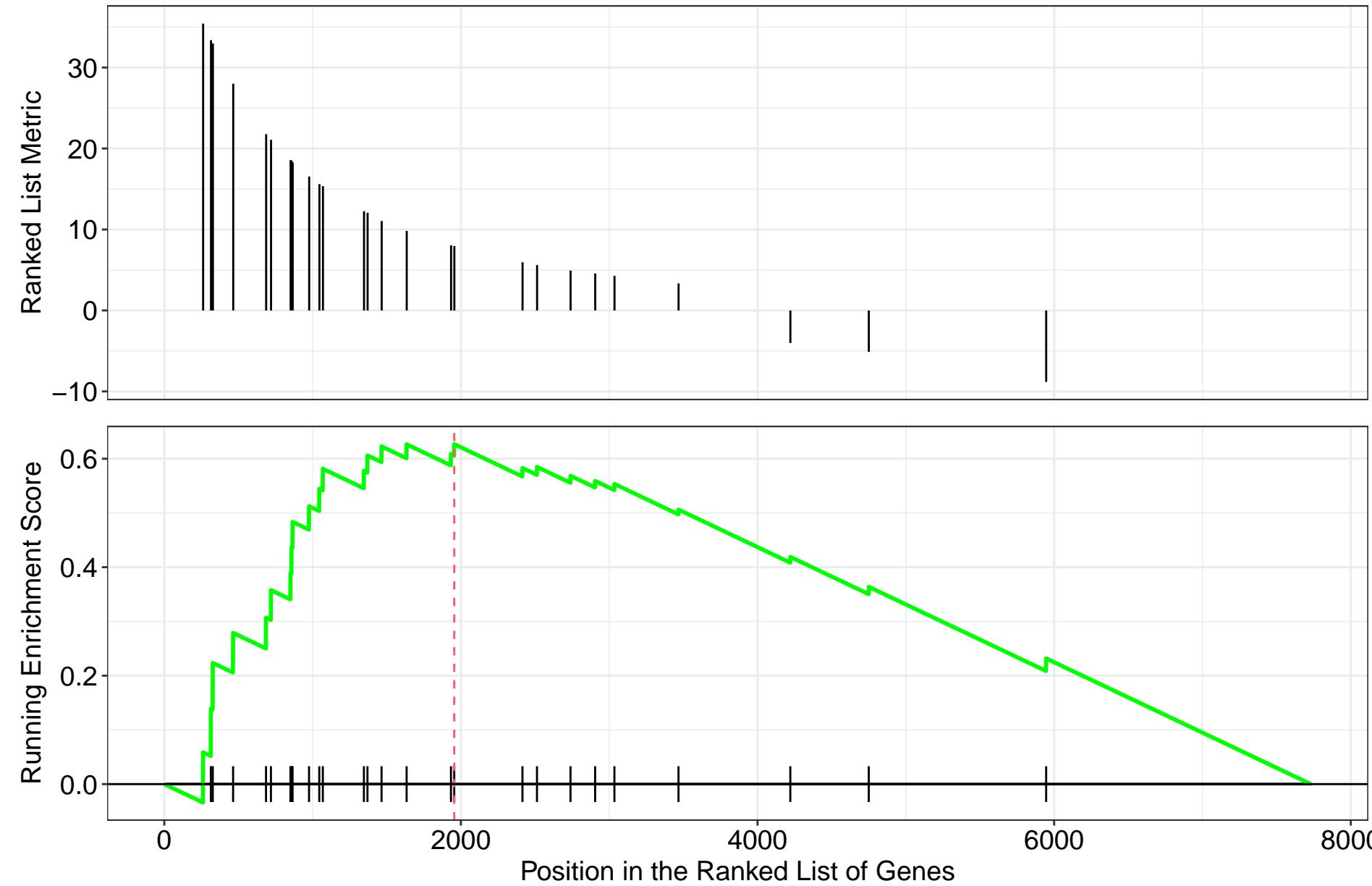
# negative regulation of cell cycle phase transition



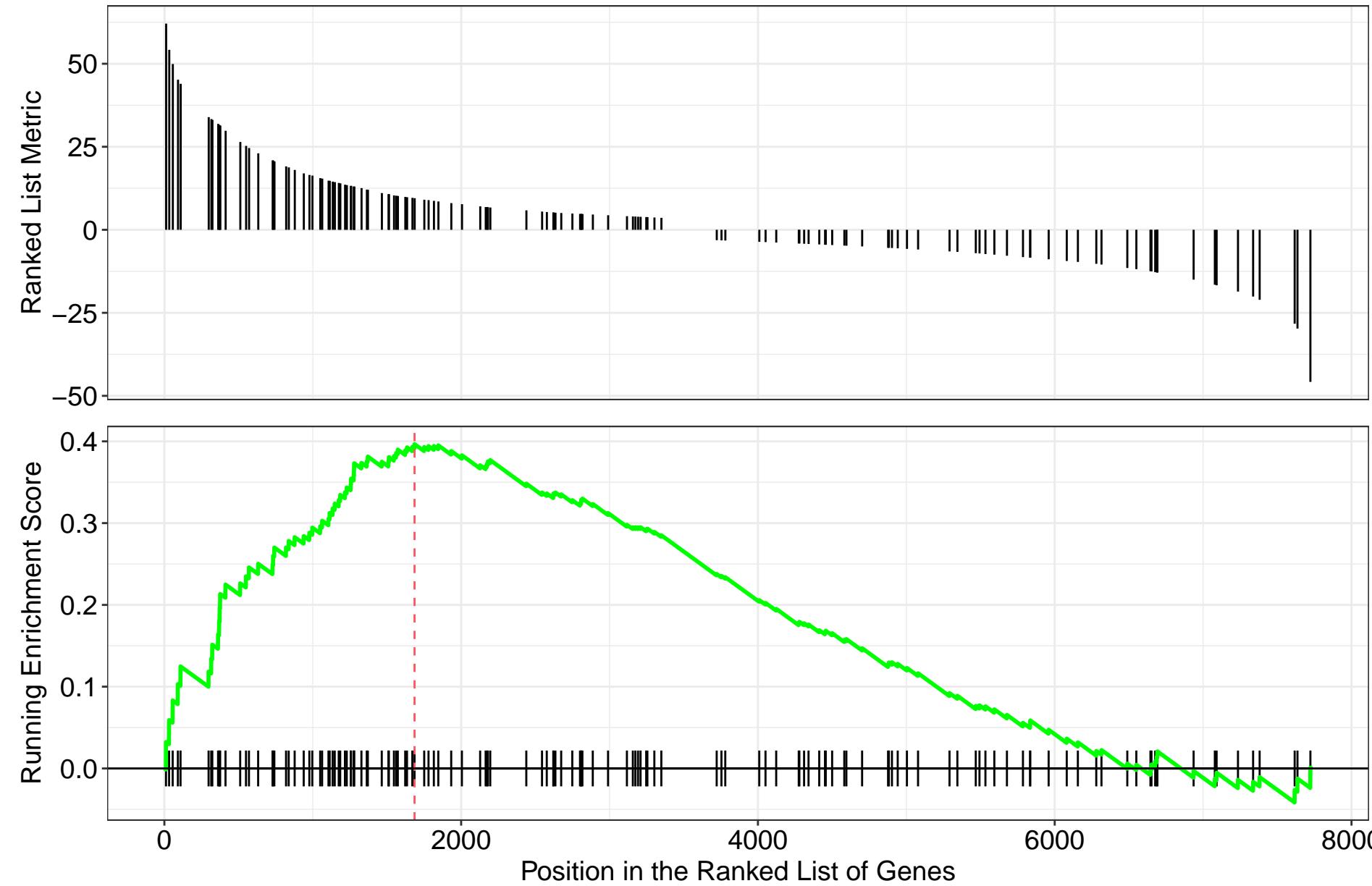
# positive regulation of interleukin–12 production



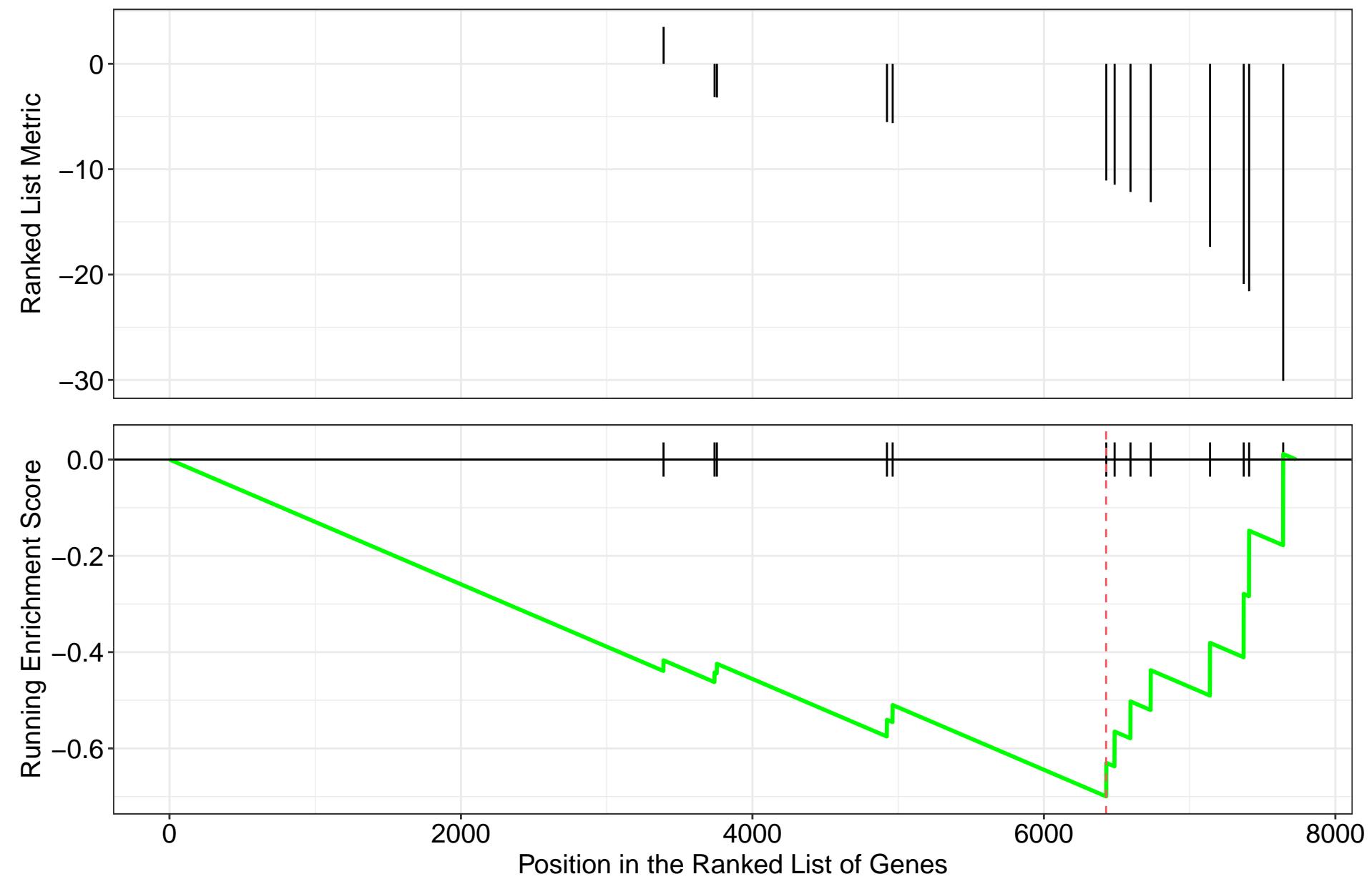
# regulation of type I interferon-mediated signaling pathway



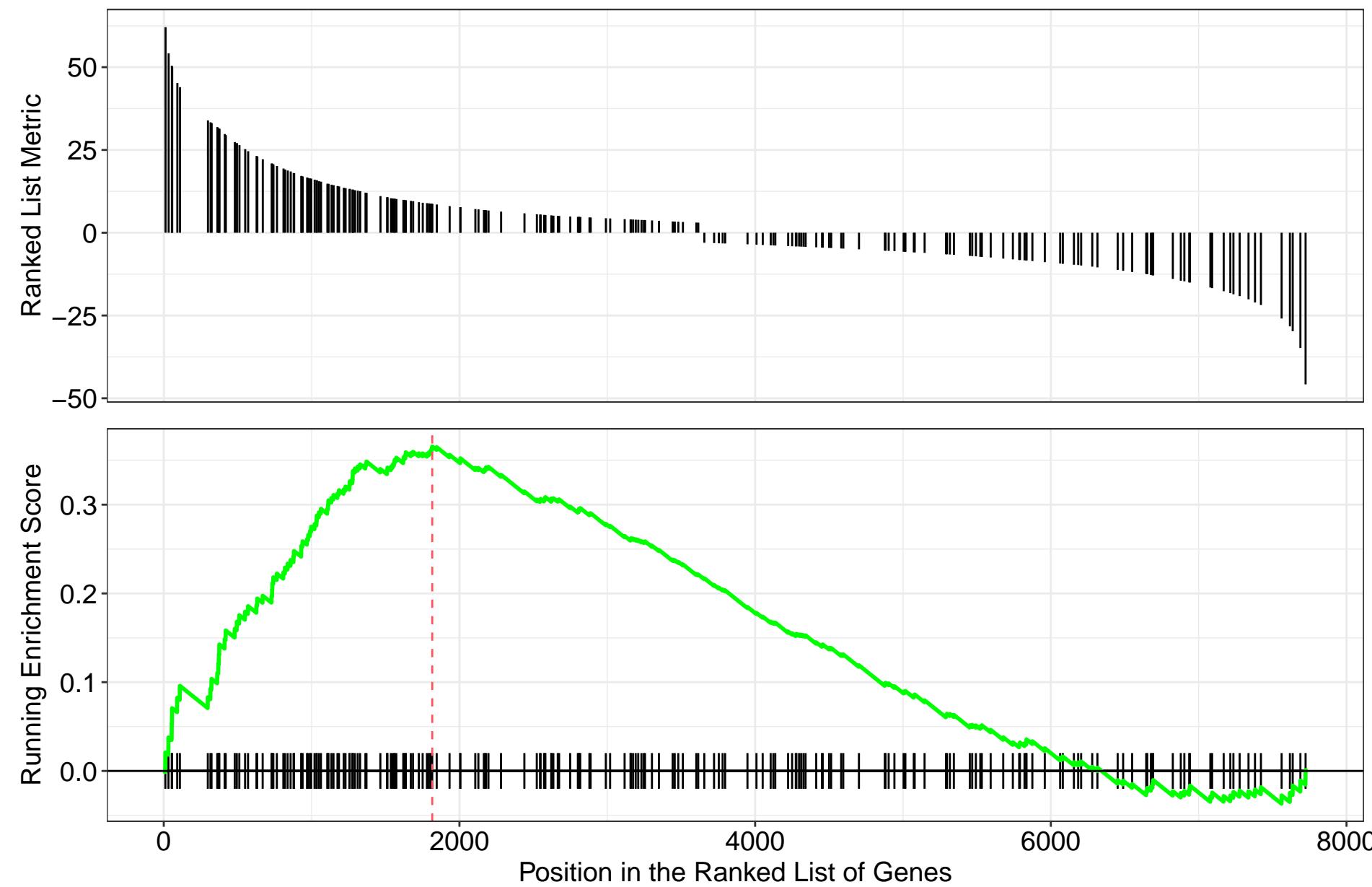
# positive regulation of DNA–binding transcription factor activity



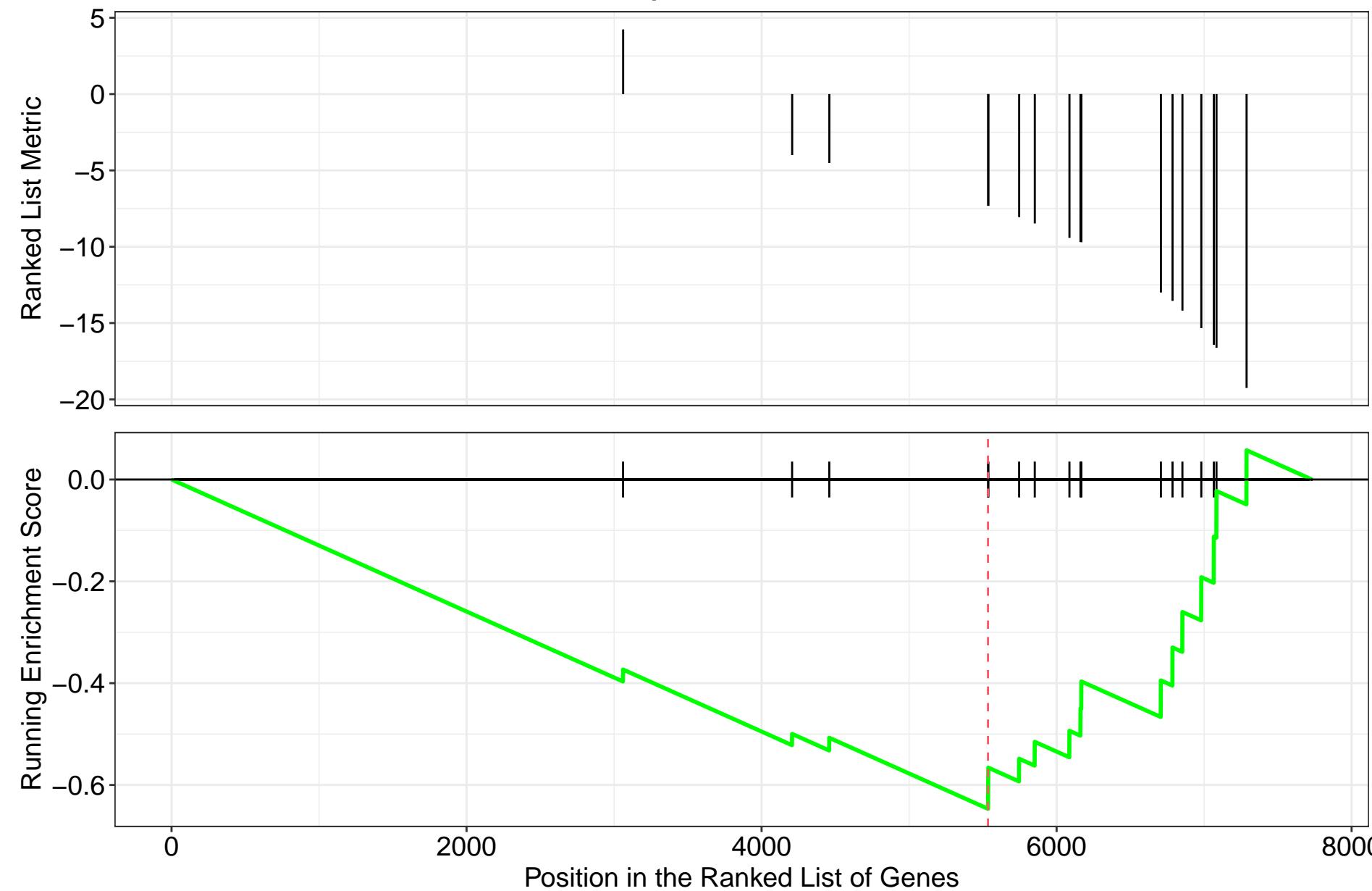
# meiotic spindle organization



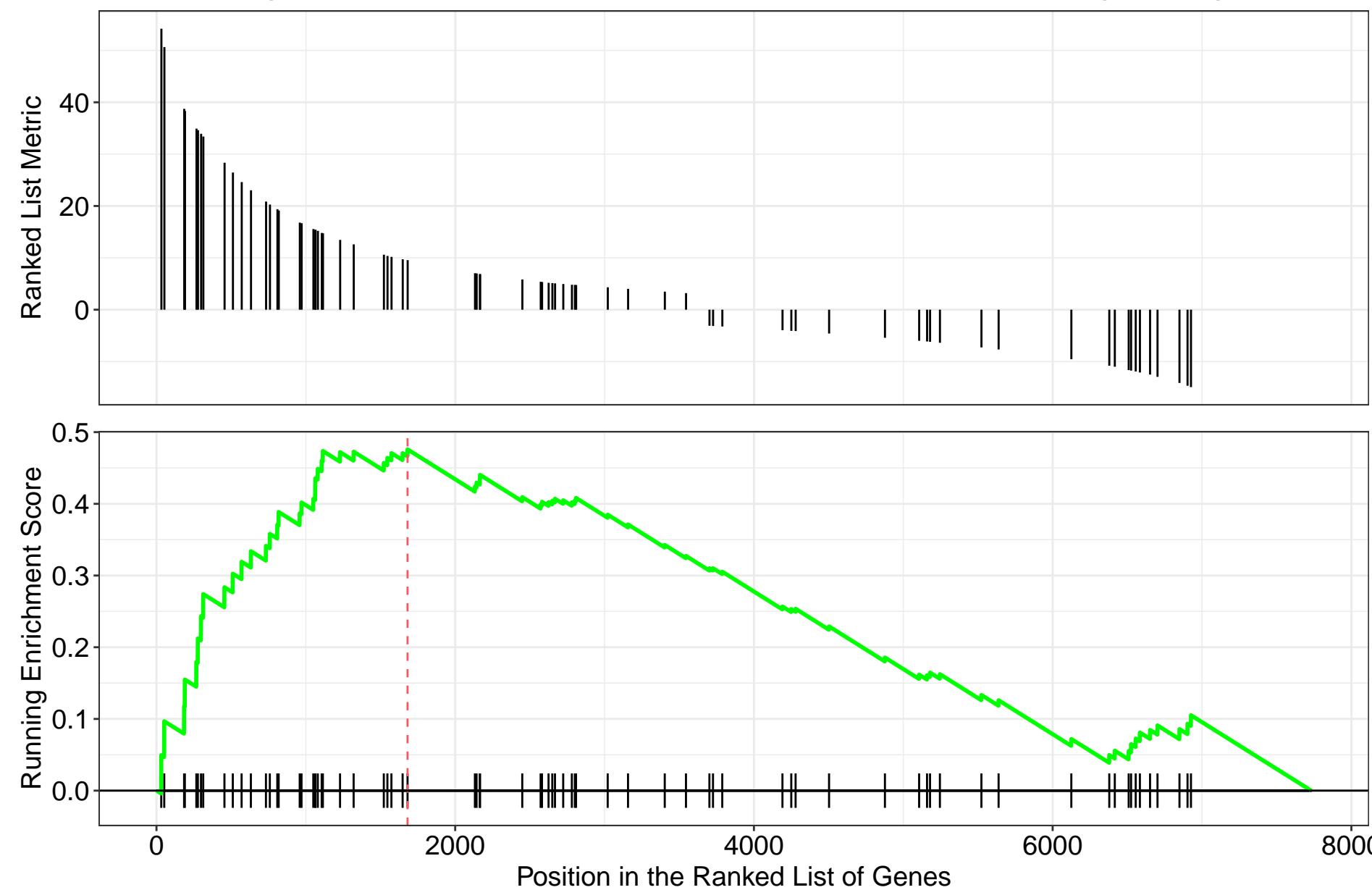
# regulation of DNA–binding transcription factor activity



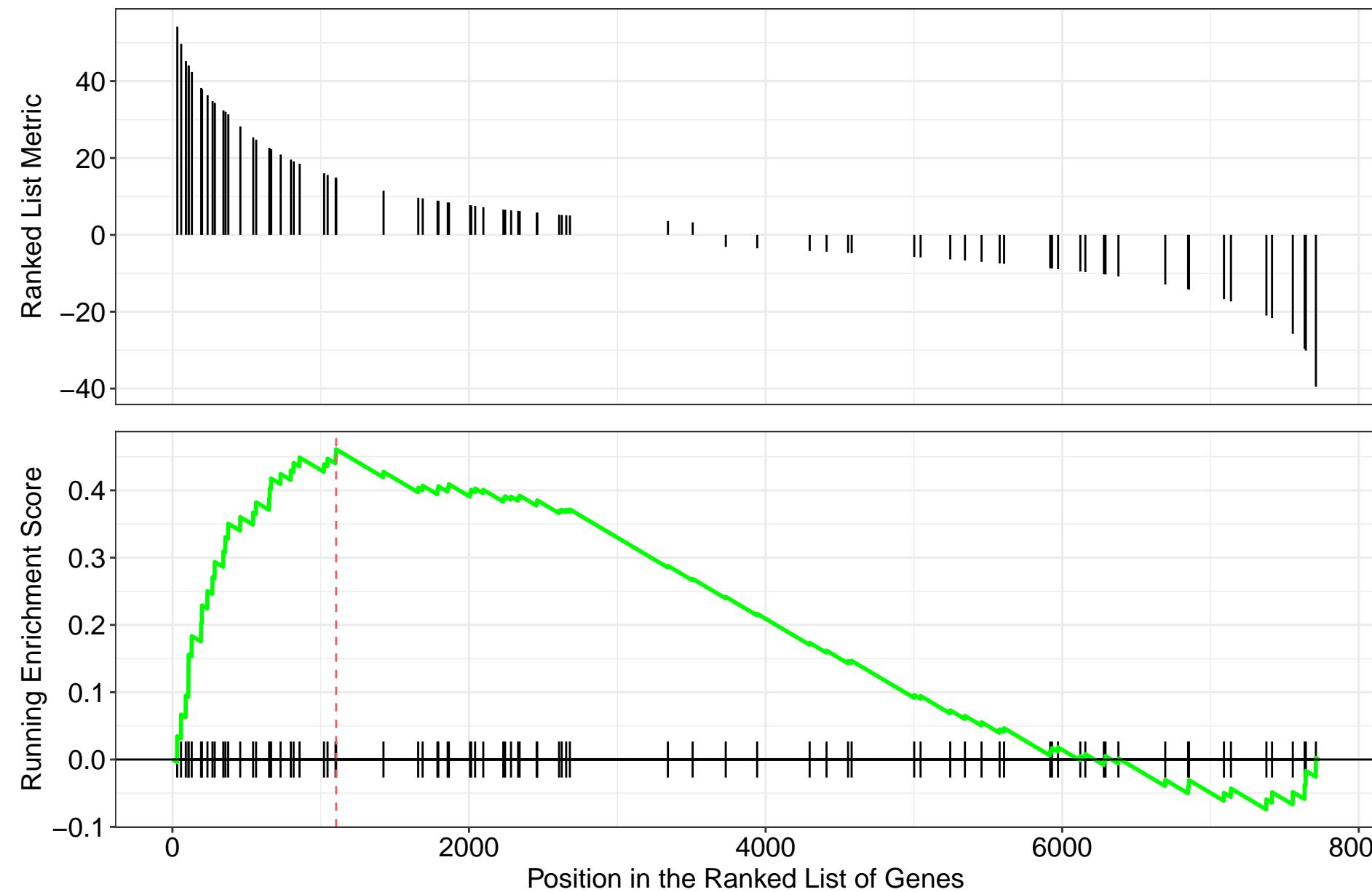
# DNA replication initiation



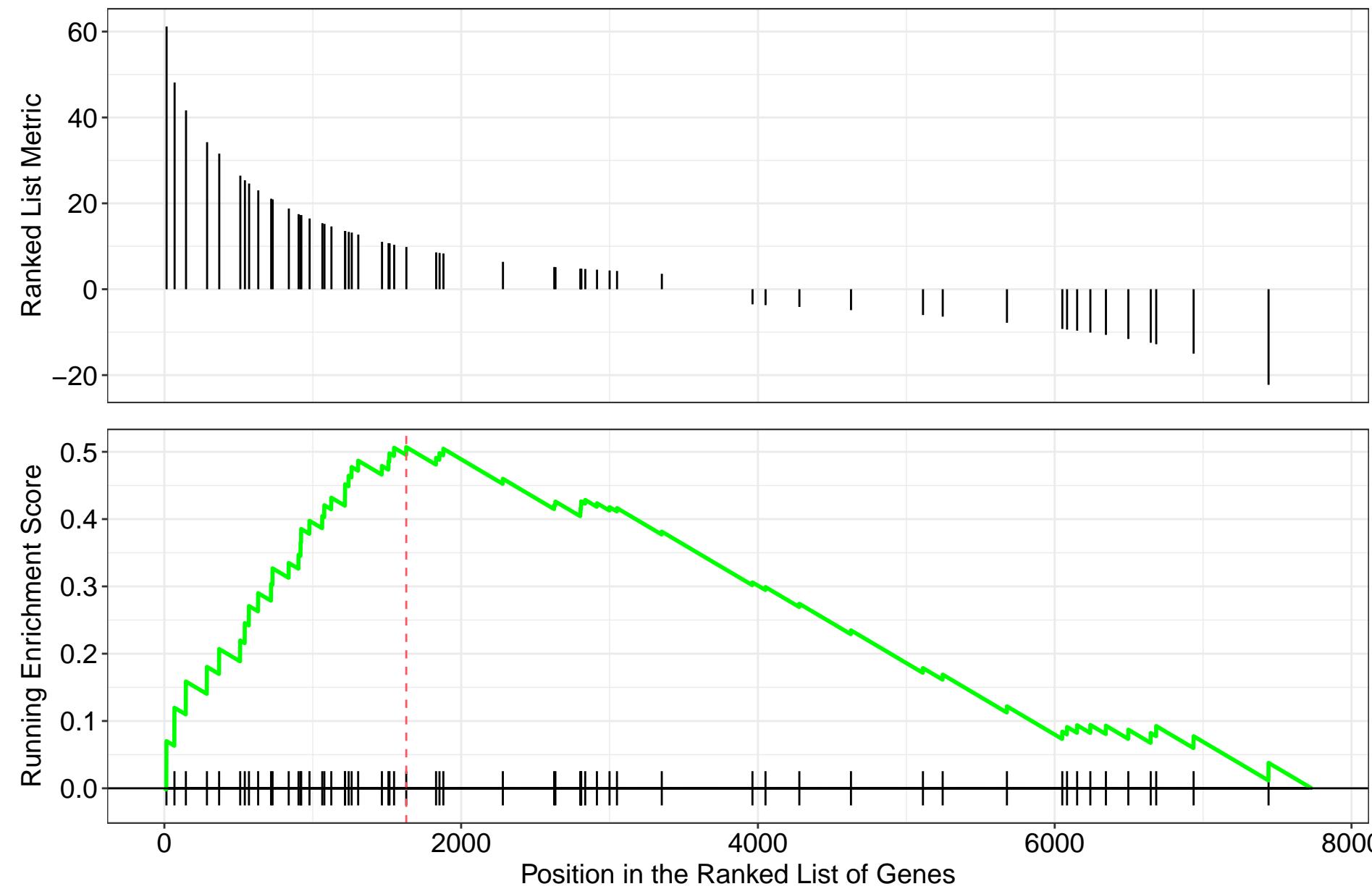
# positive regulation of stress-activated protein kinase signaling cascade



# positive regulation of cytosolic calcium ion concentration

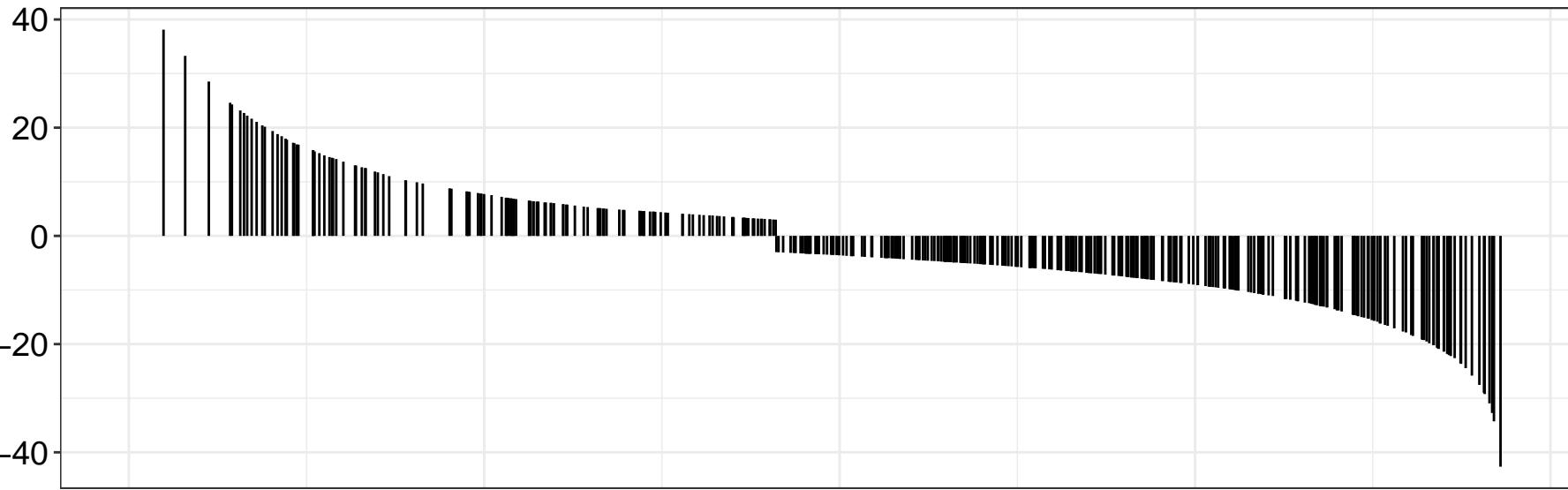


# macrophage activation



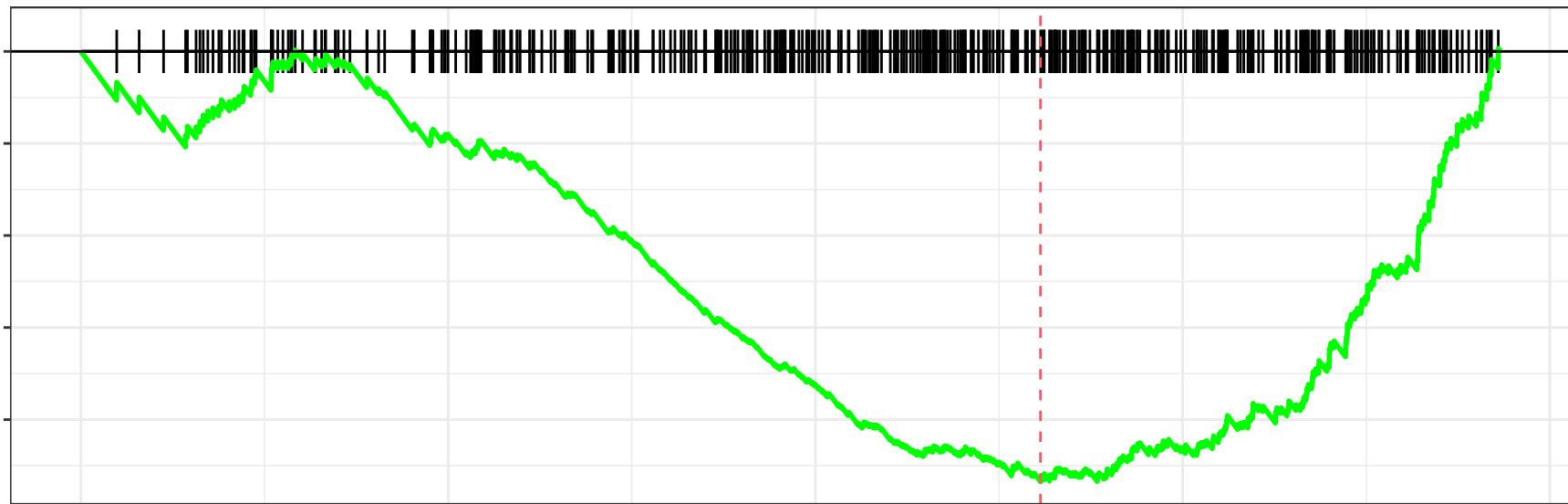
# cellular response to DNA damage stimulus

Ranked List Metric

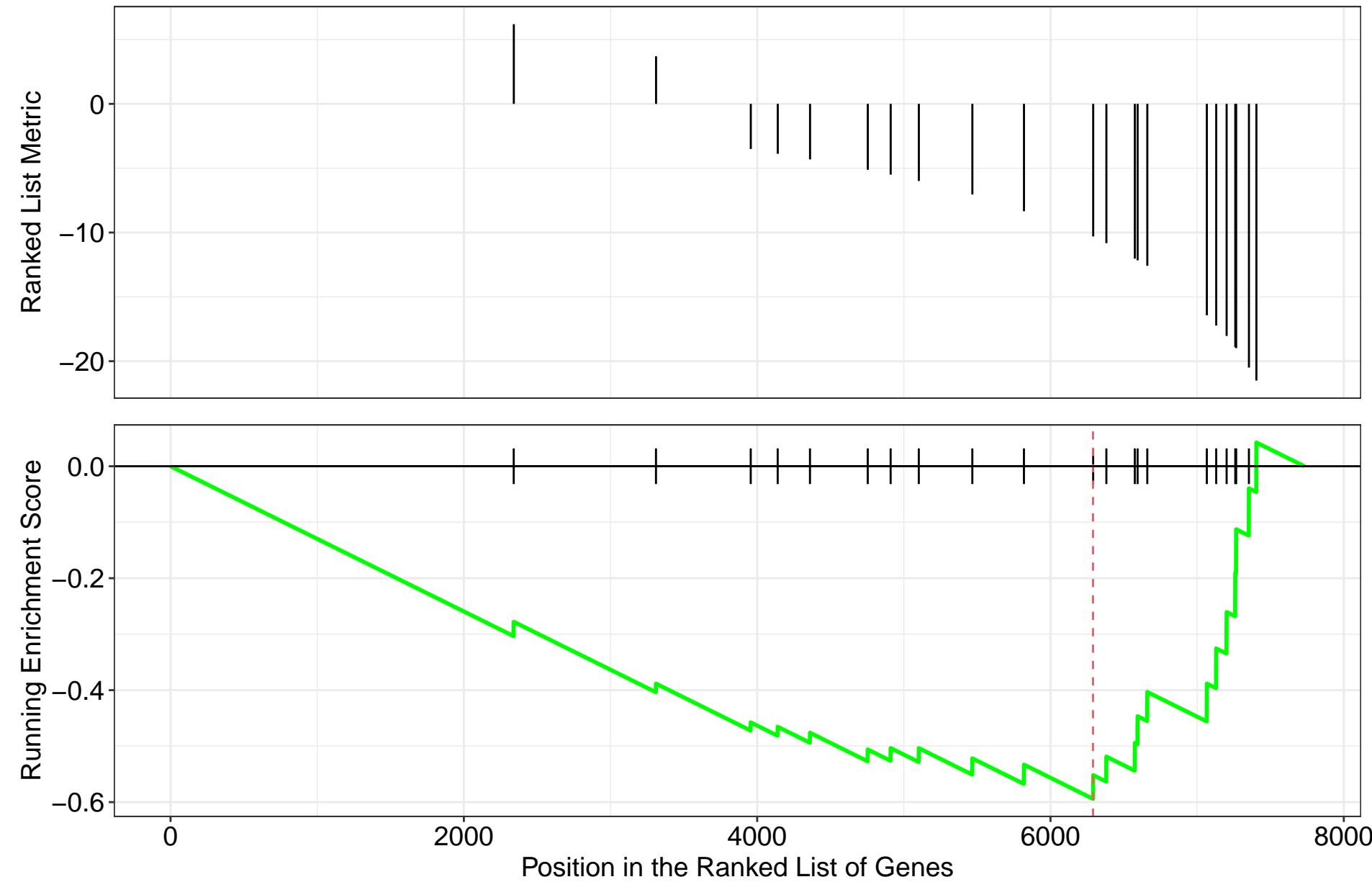


Running Enrichment Score

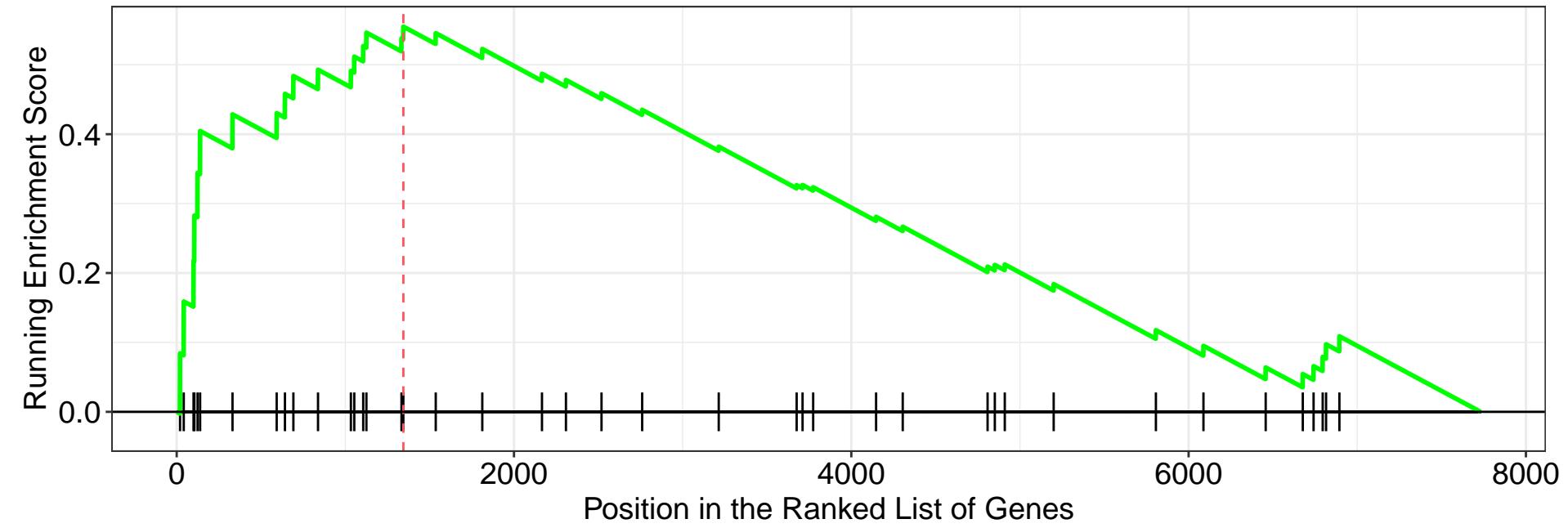
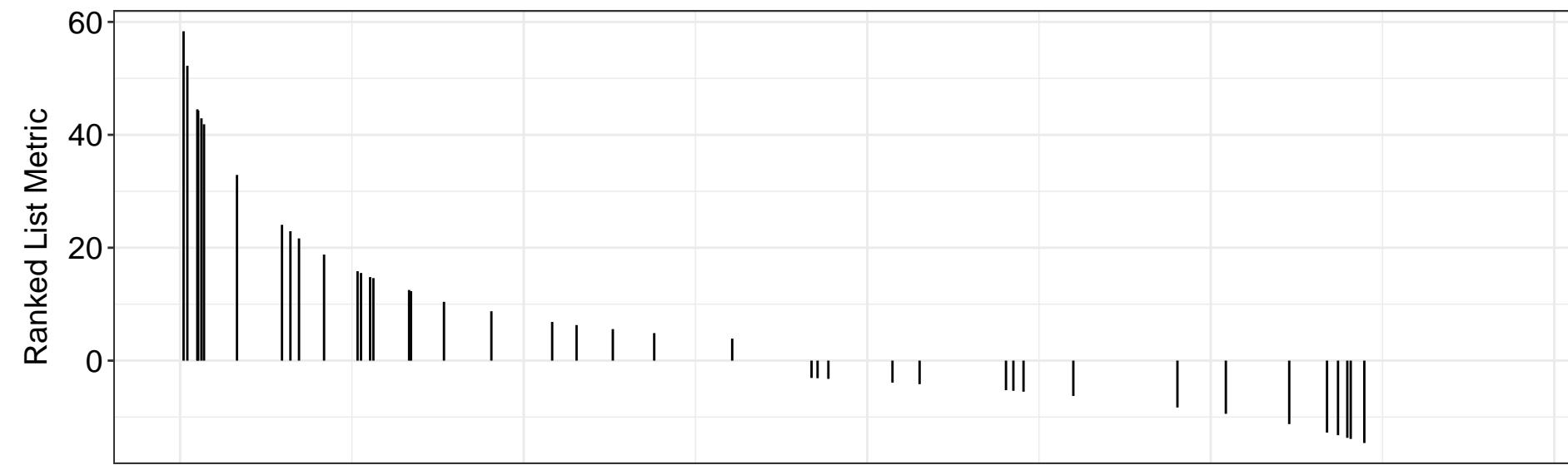
Position in the Ranked List of Genes



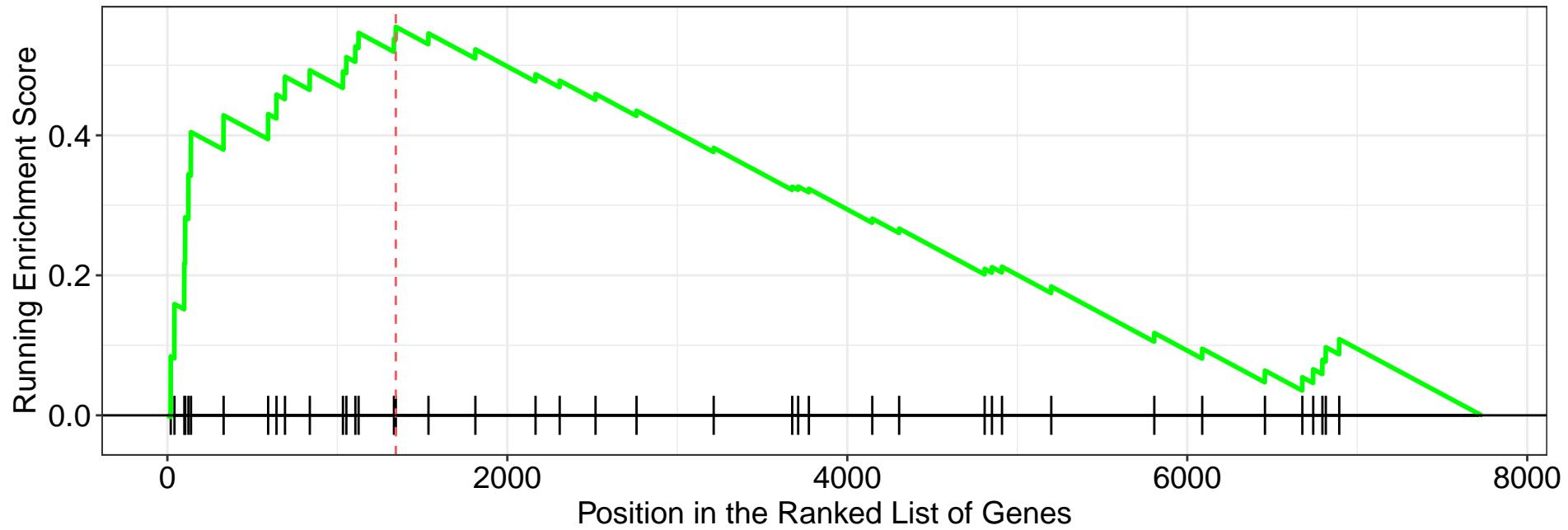
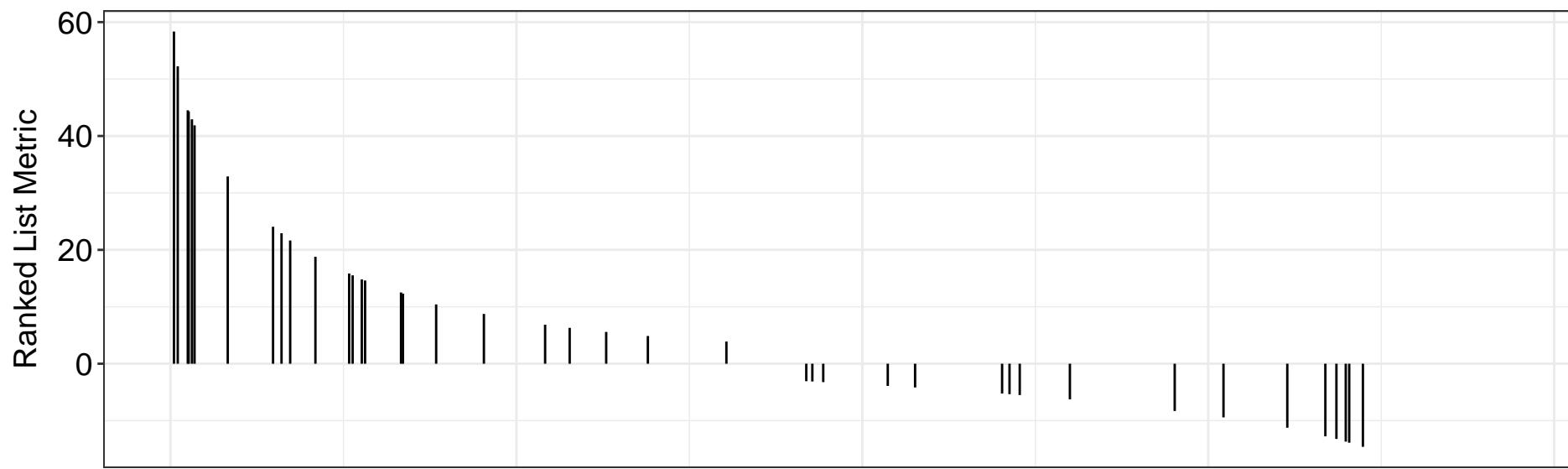
# positive regulation of chromosome segregation



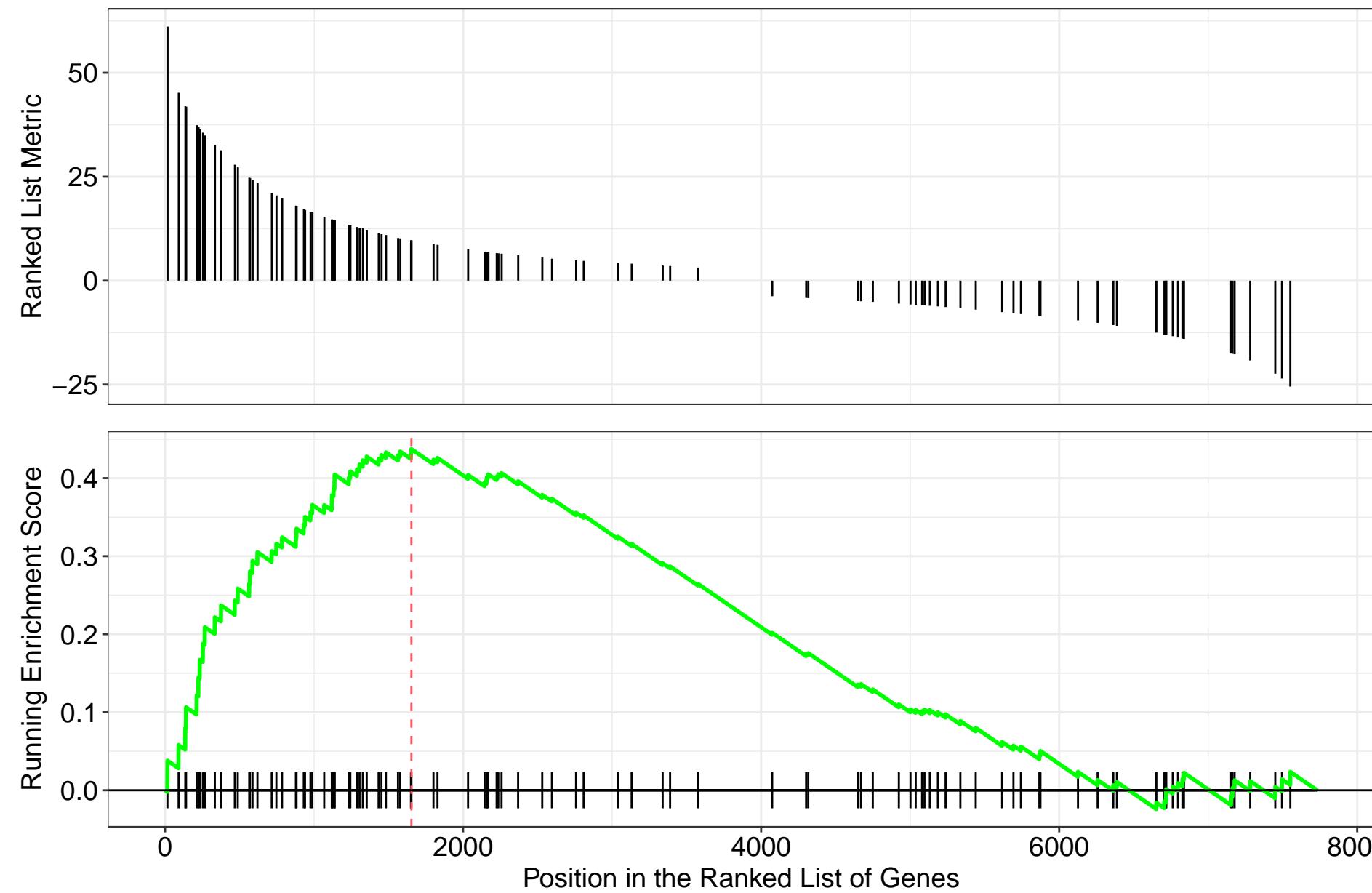
# negative regulation of mononuclear cell proliferation



# negative regulation of lymphocyte proliferation

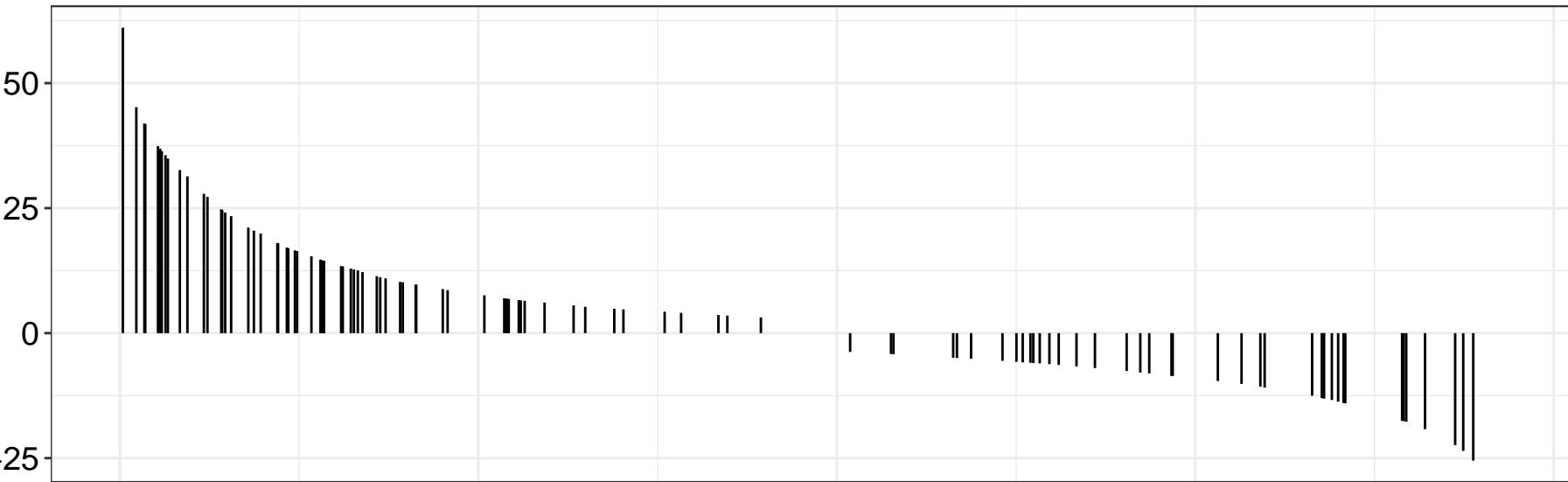


# extracellular matrix organization

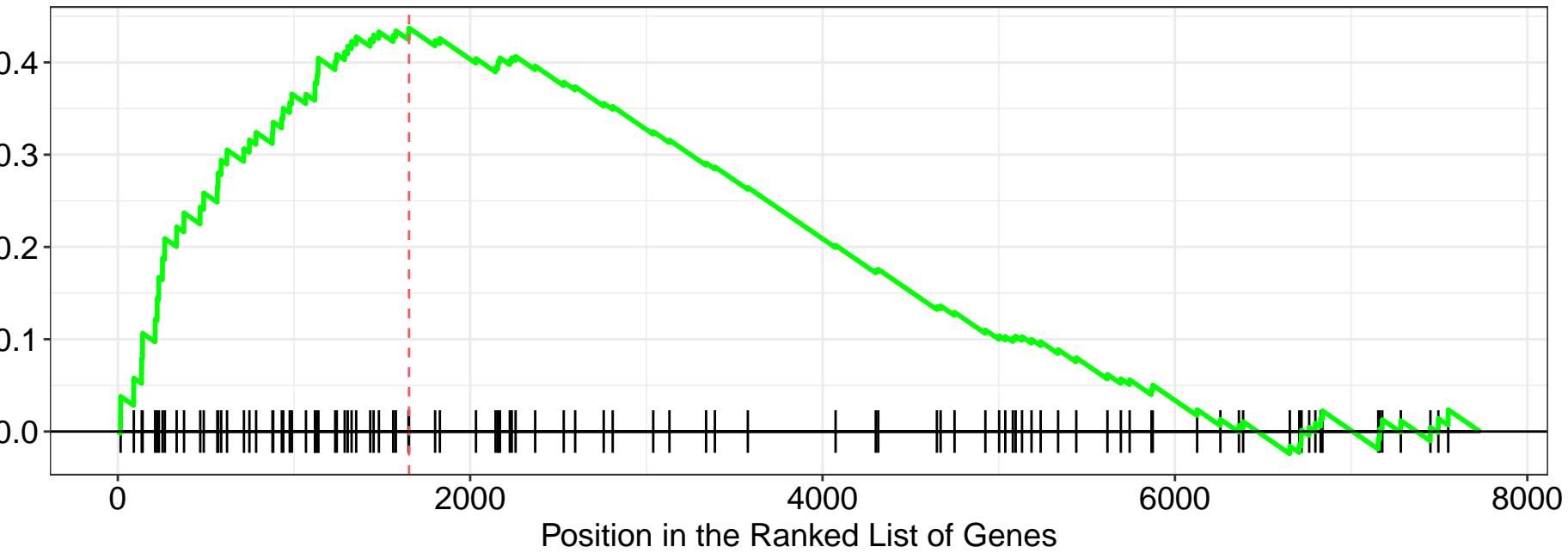


# external encapsulating structure organization

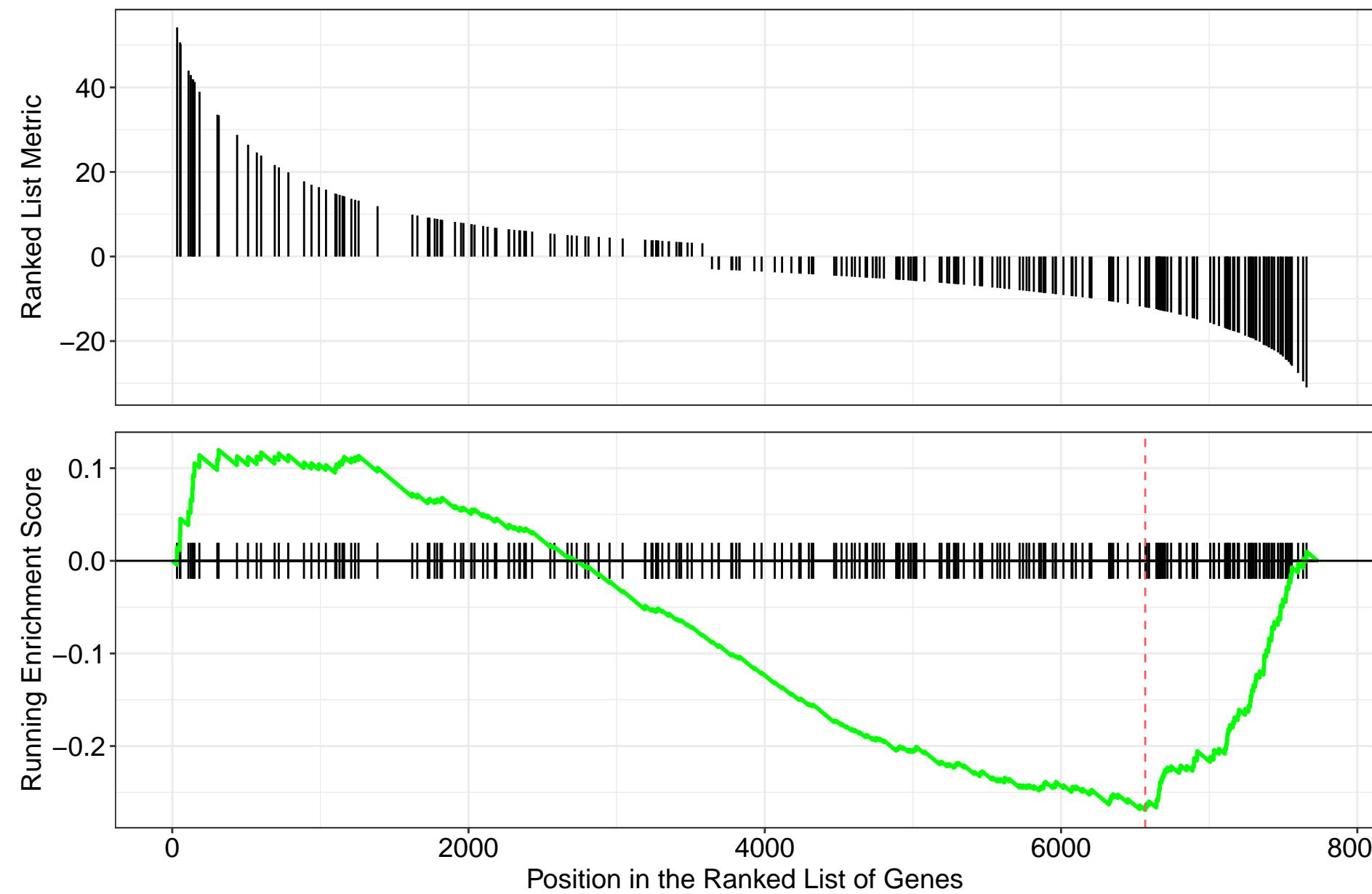
Ranked List Metric



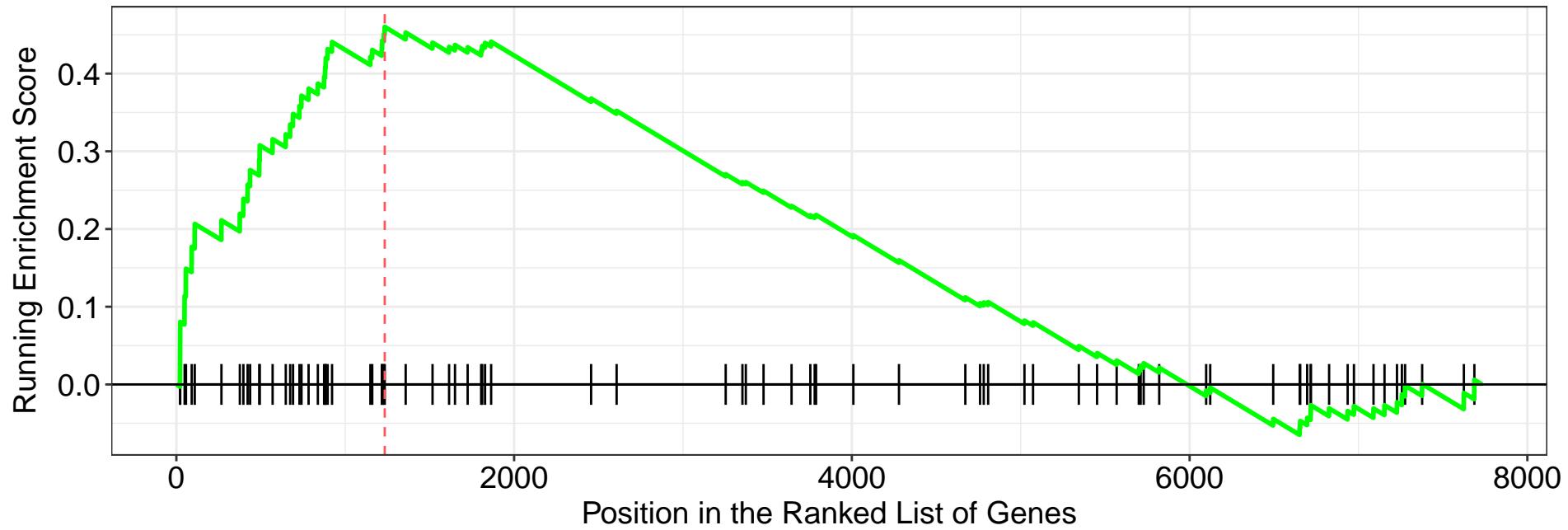
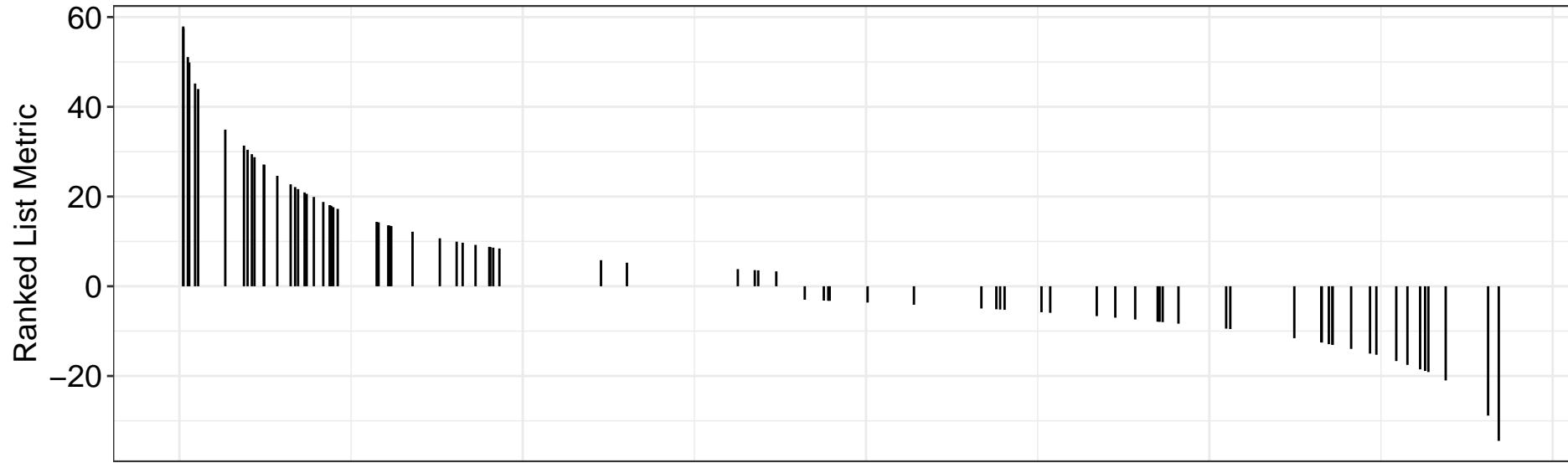
Running Enrichment Score



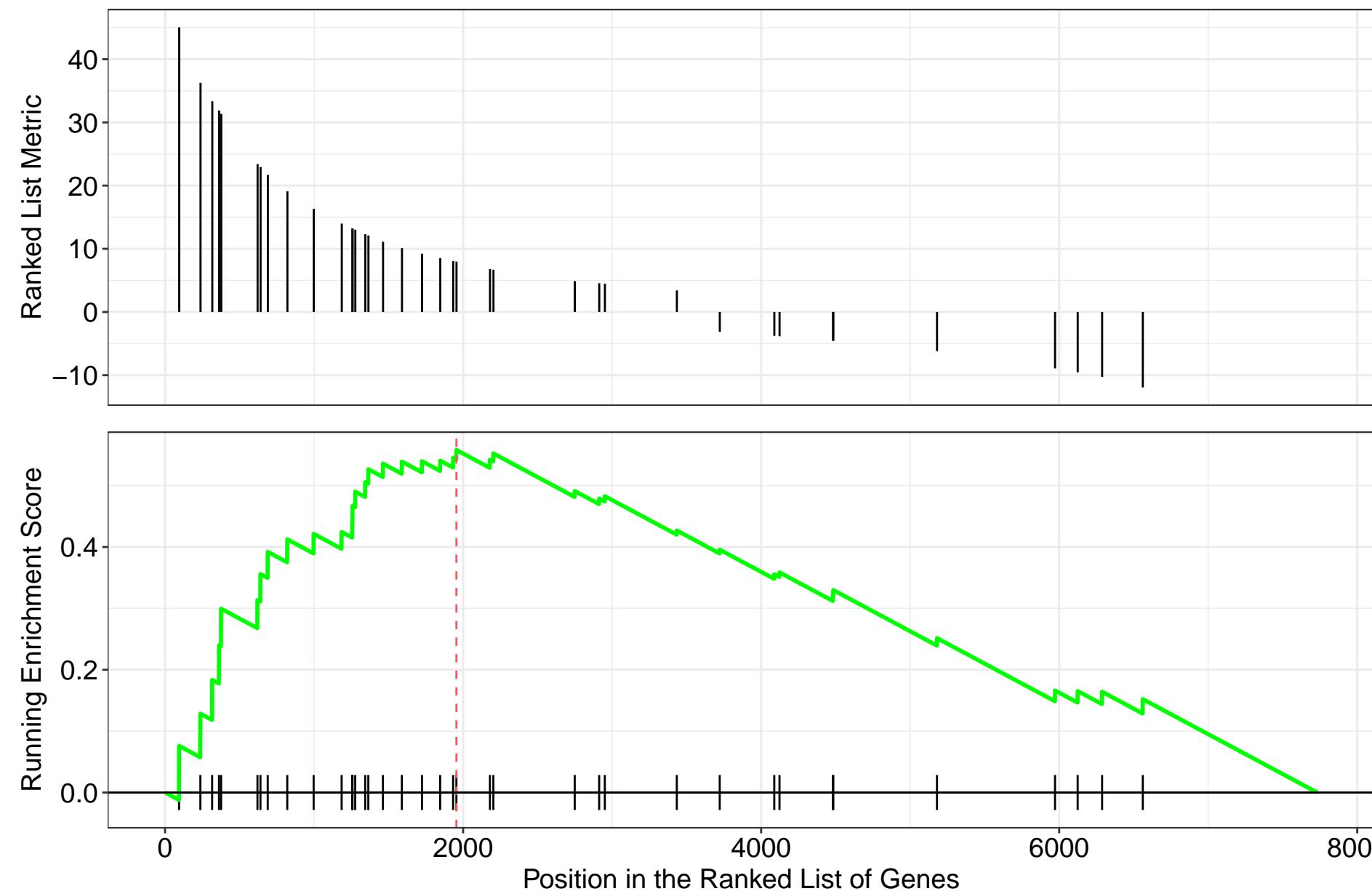
# regulation of mitotic cell cycle



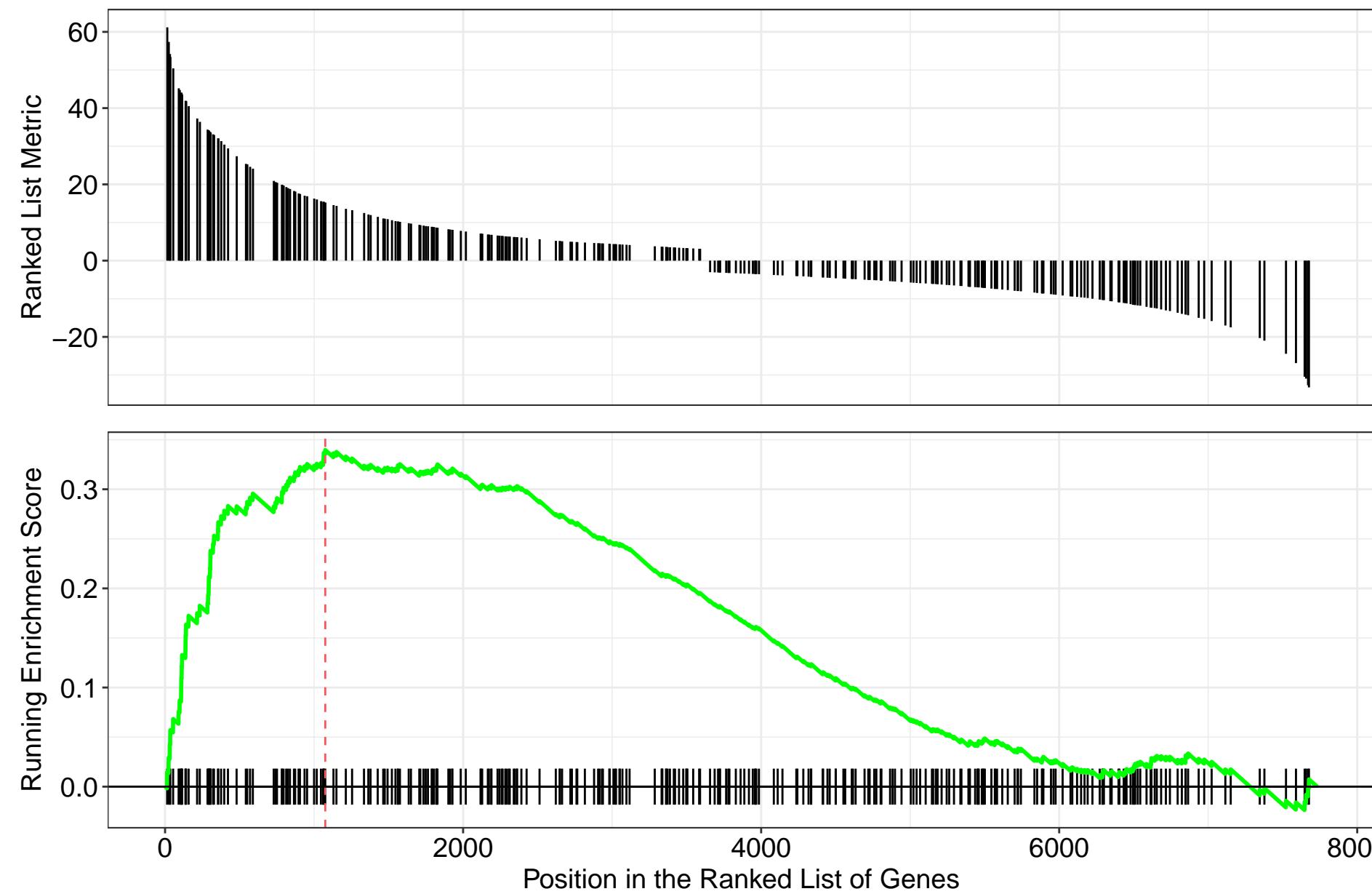
# regulation of smooth muscle cell proliferation



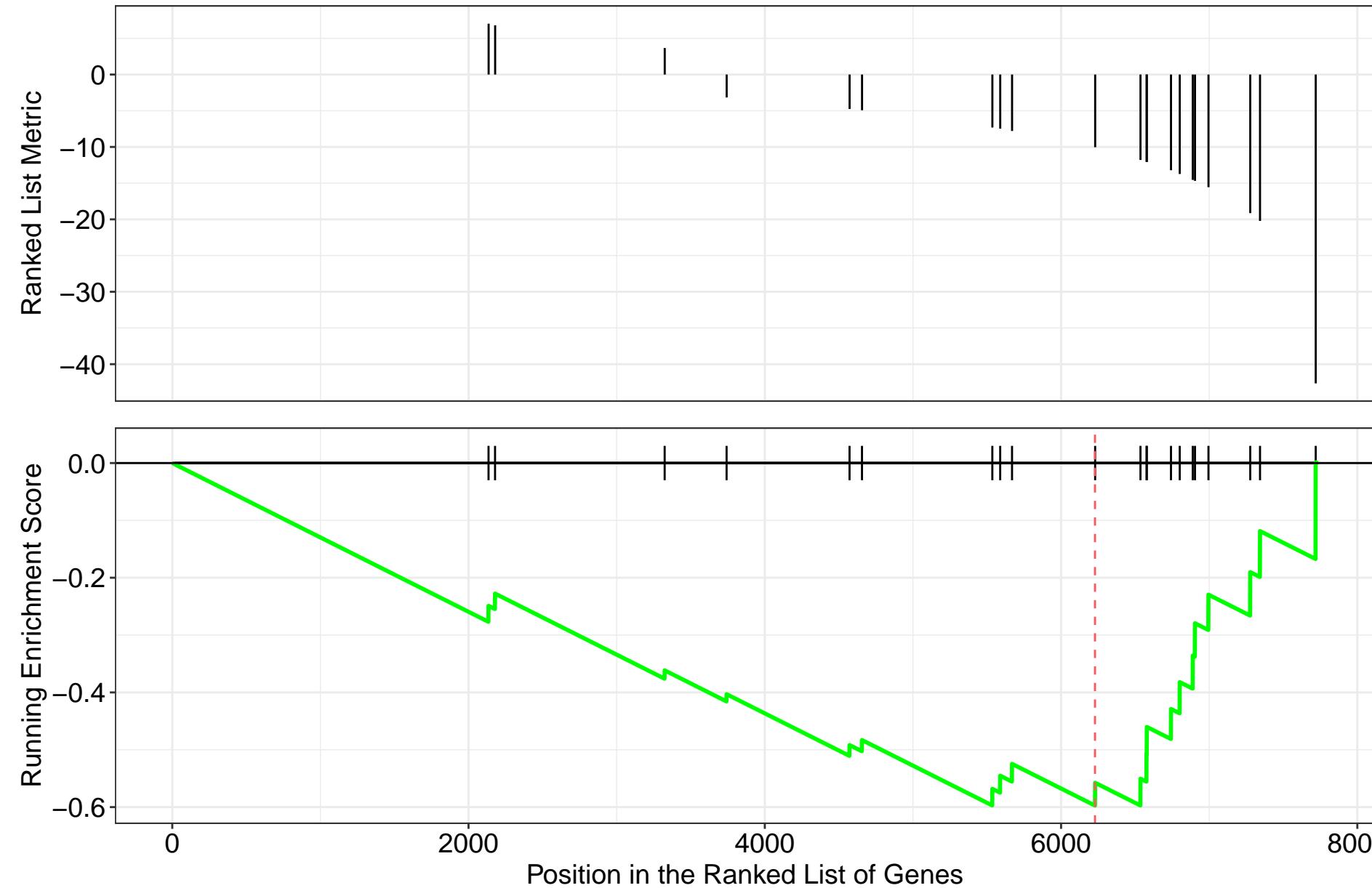
# modulation by symbiont of entry into host



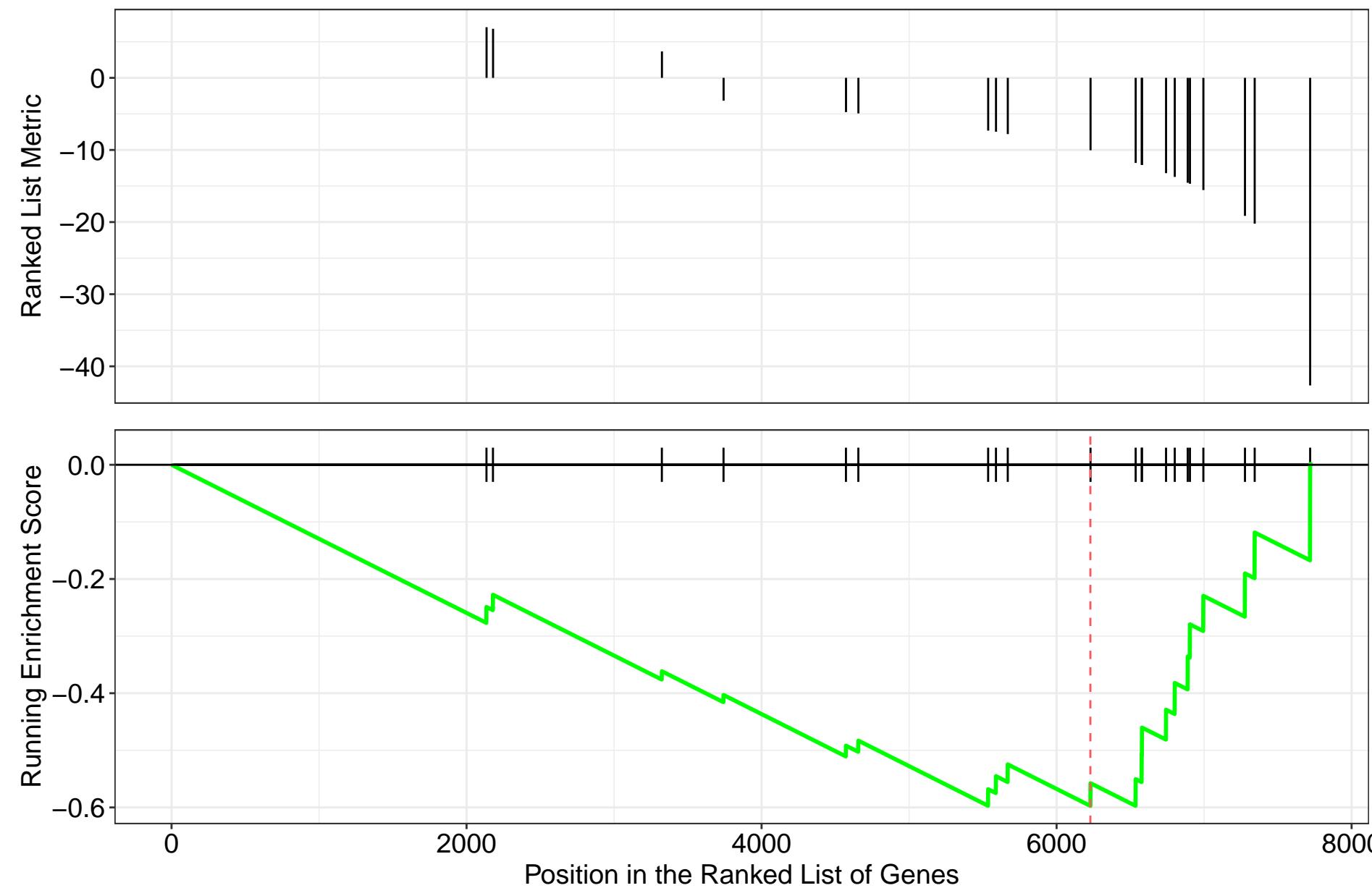
# response to hormone



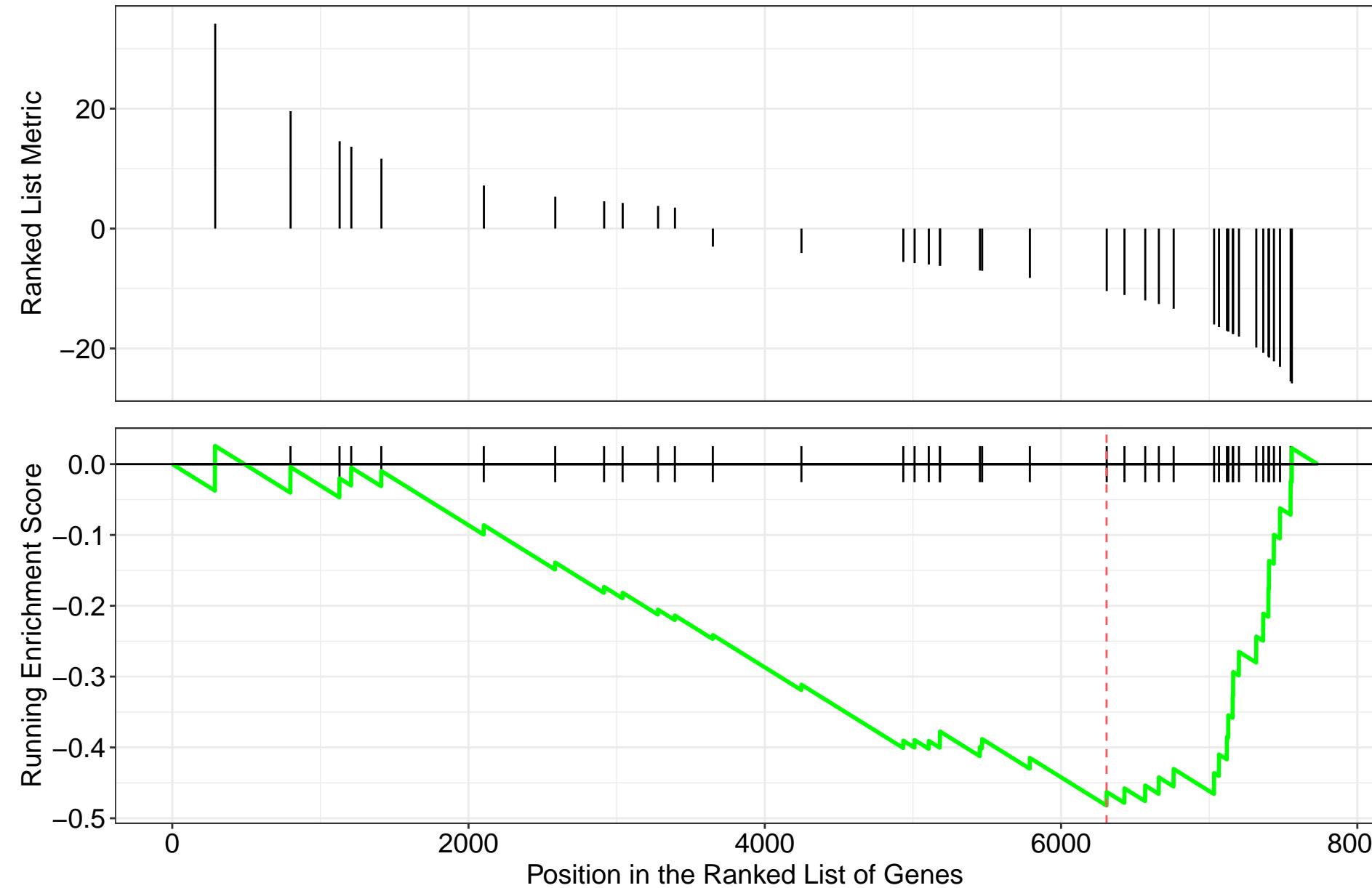
# reciprocal meiotic recombination



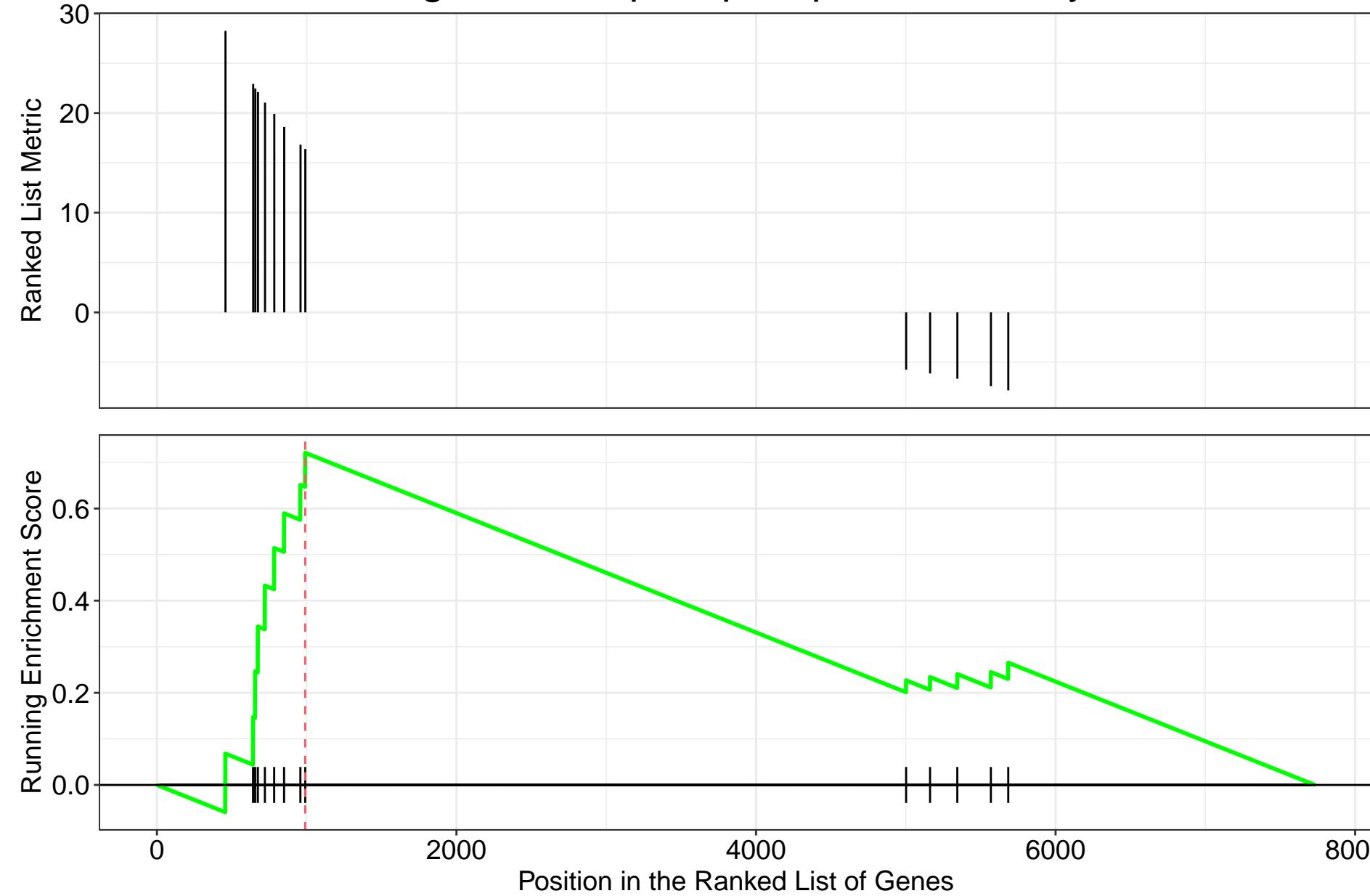
# reciprocal homologous recombination



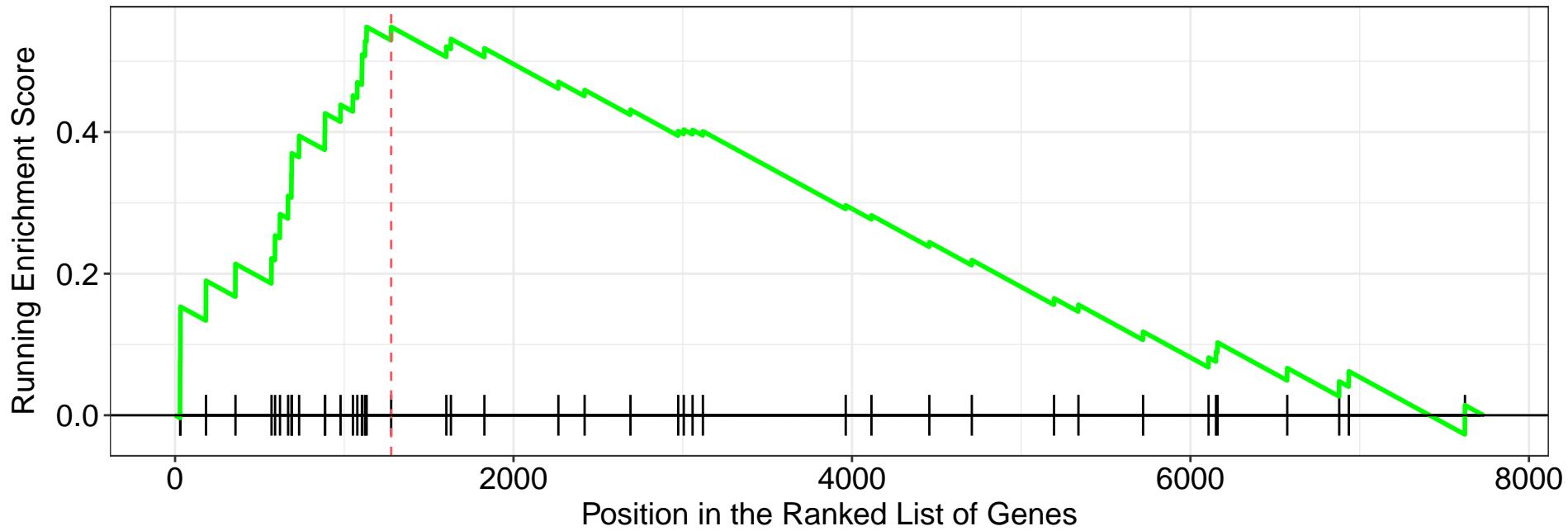
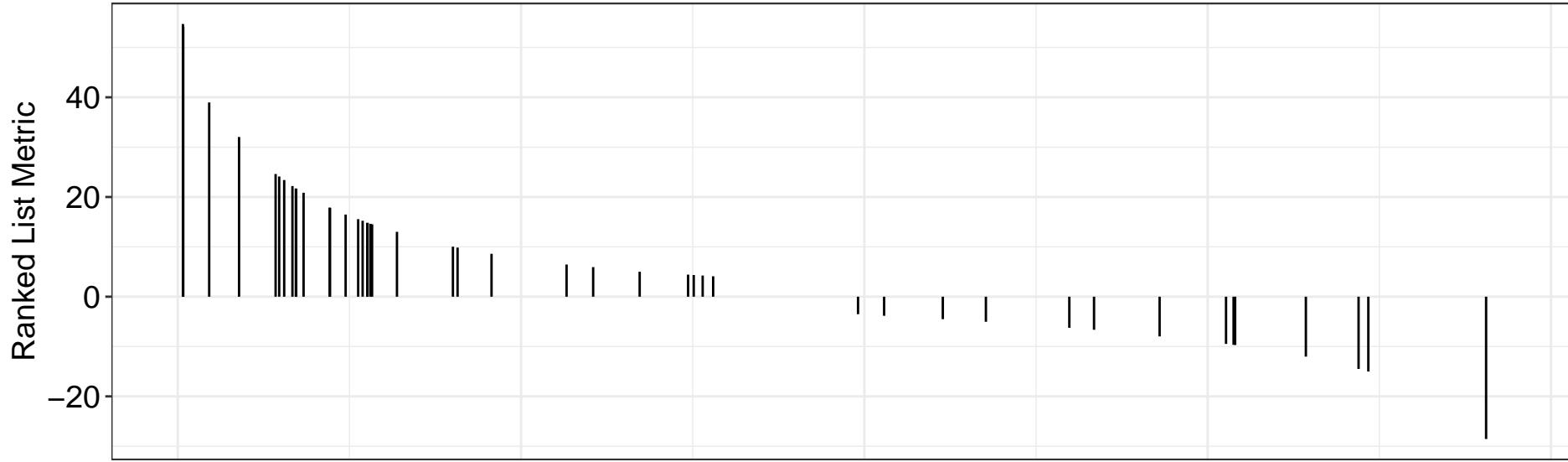
# regulation of cytokinesis



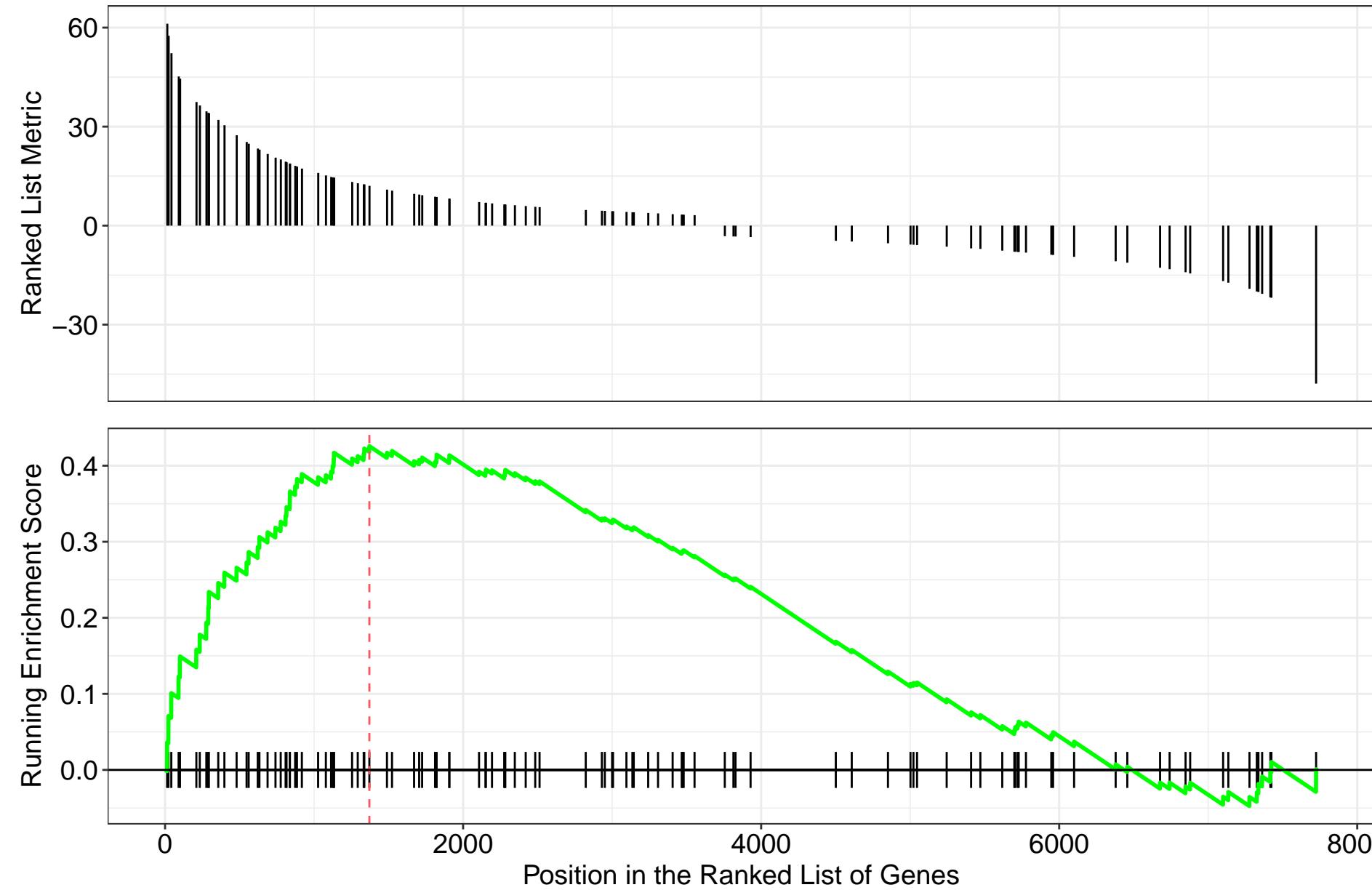
# regulation of phospholipase C activity



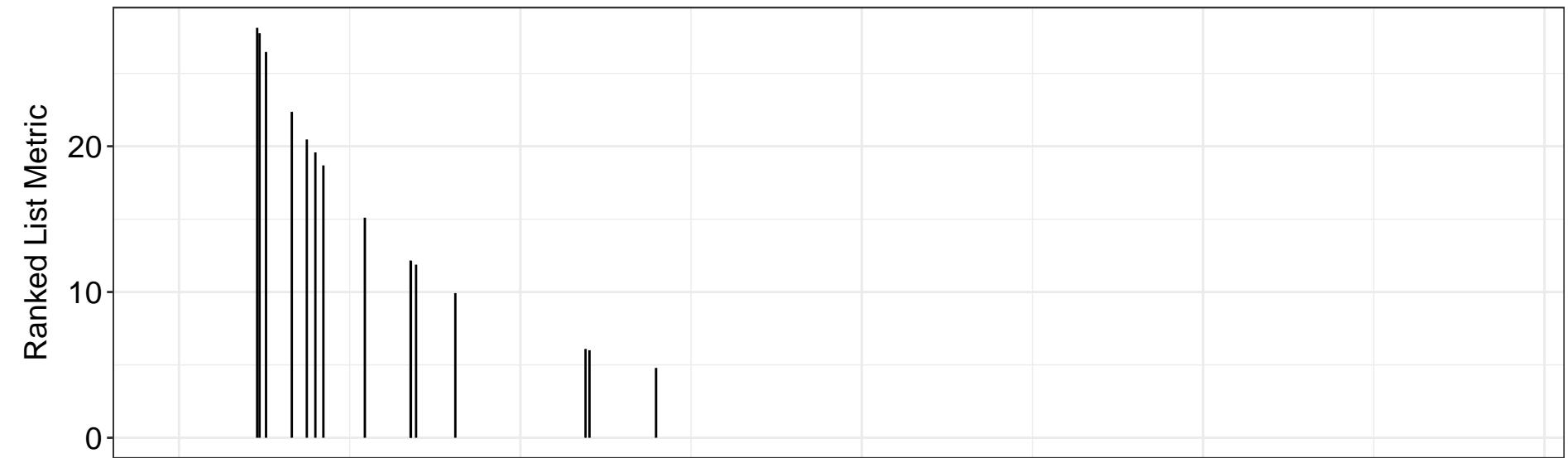
# positive regulation of phagocytosis



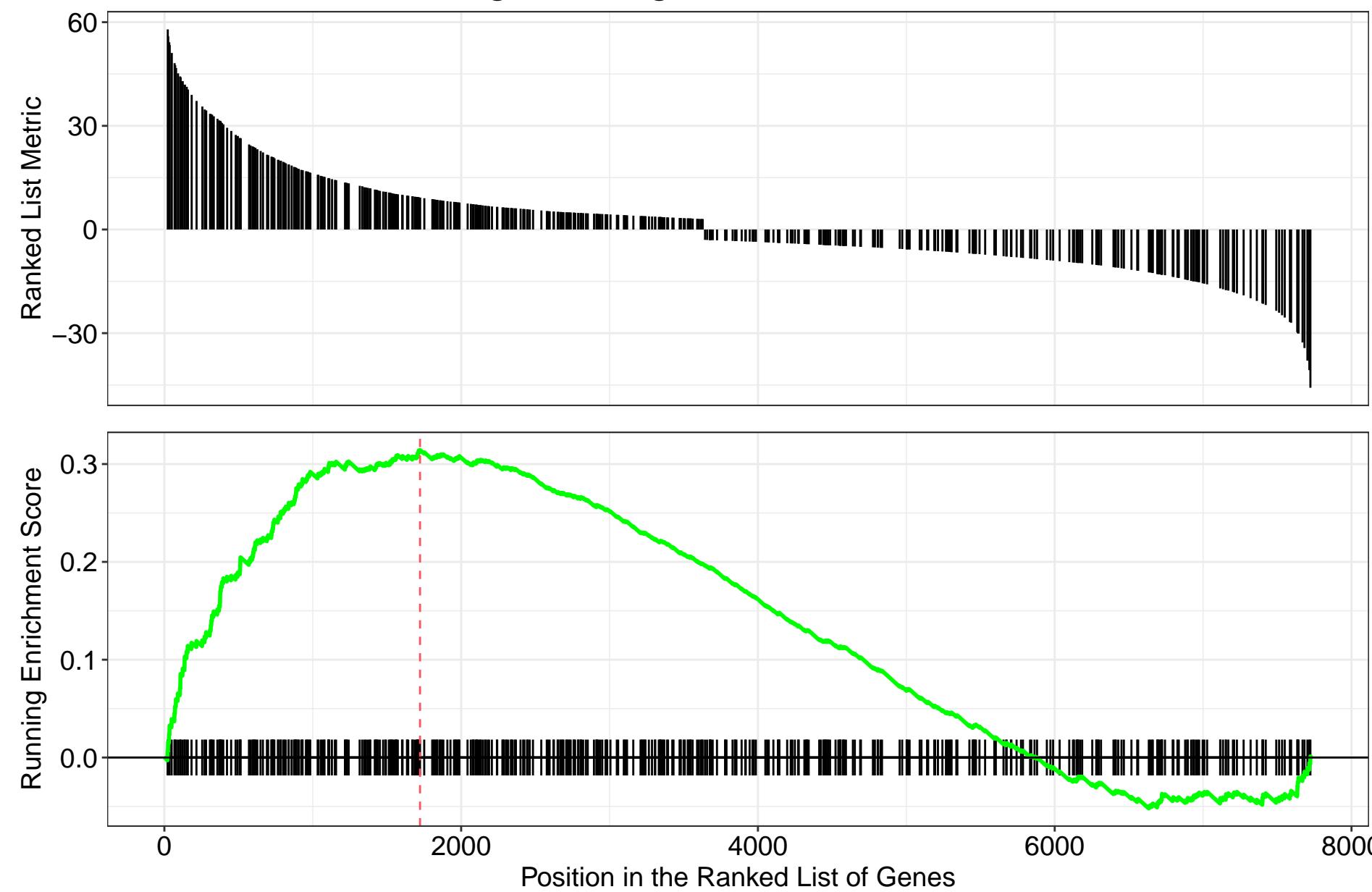
# regulation of lymphocyte differentiation



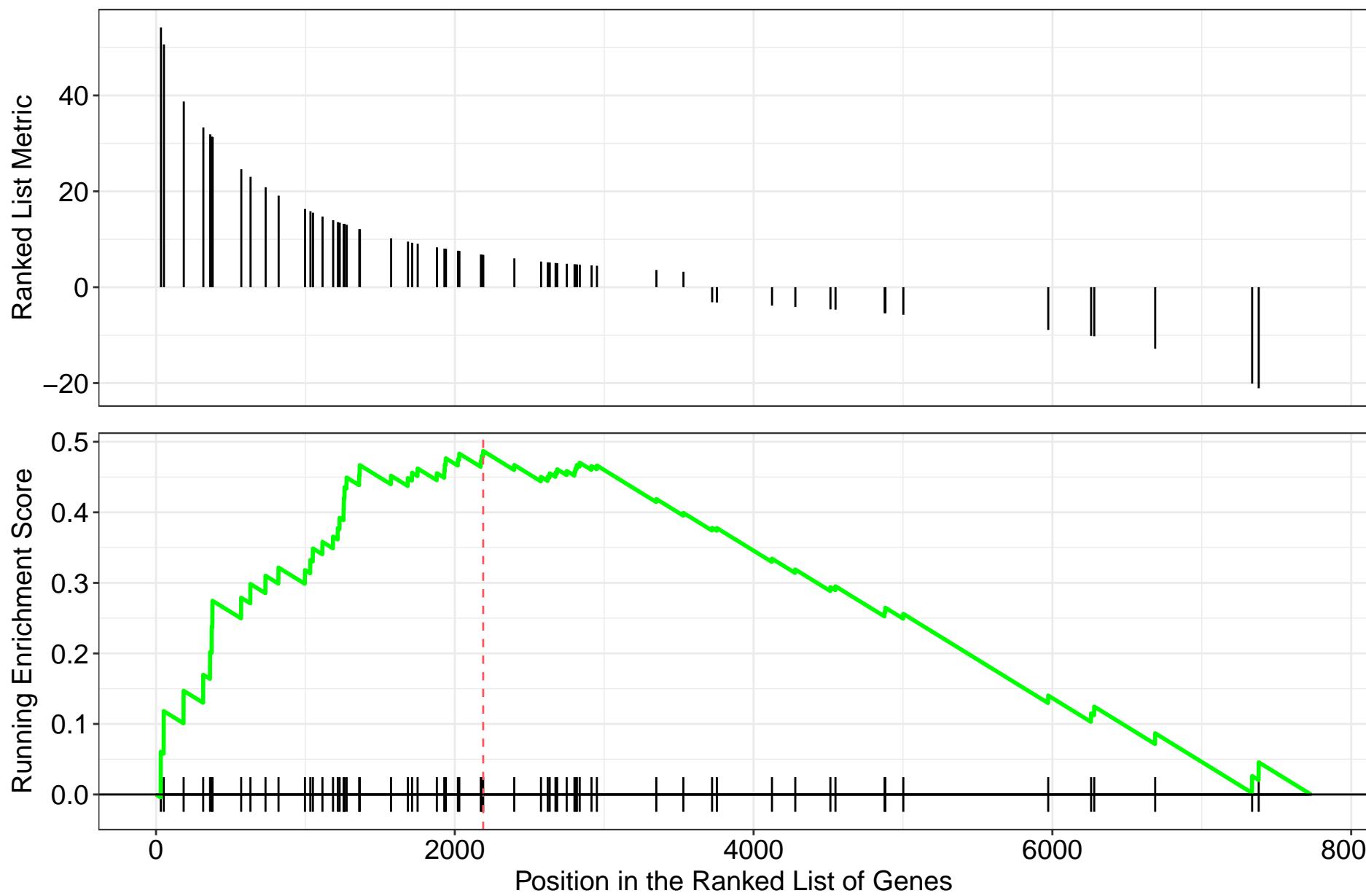
# Endogenous peptide antigen presentation via MHC class I via ER pathway



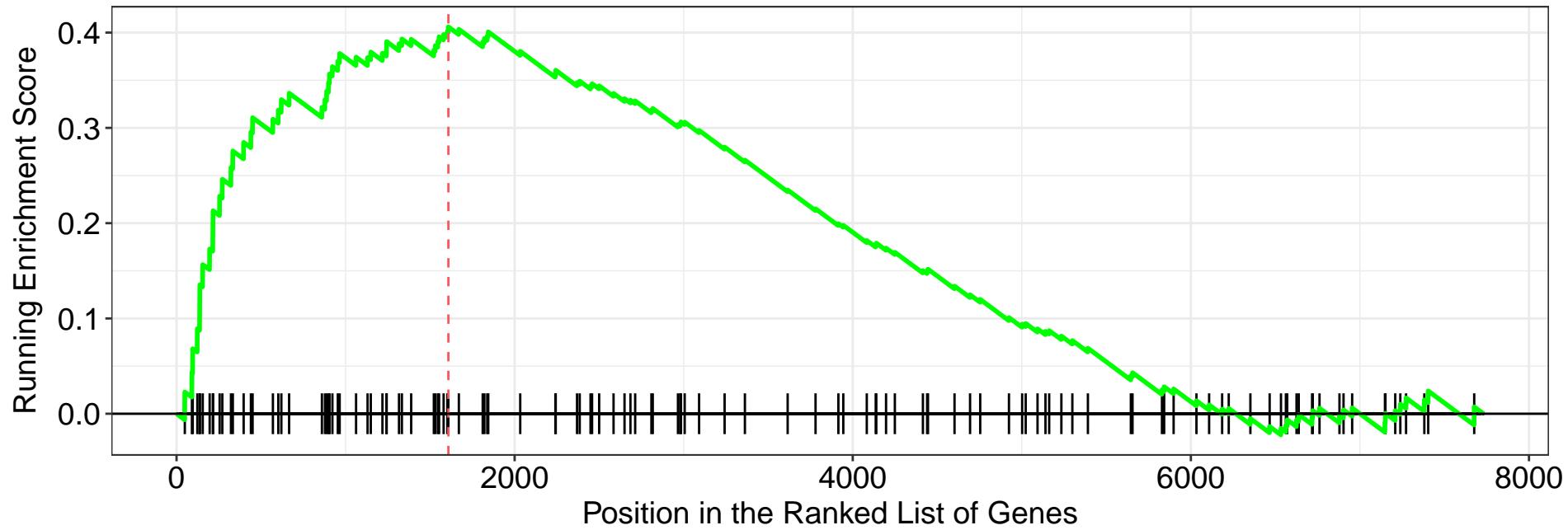
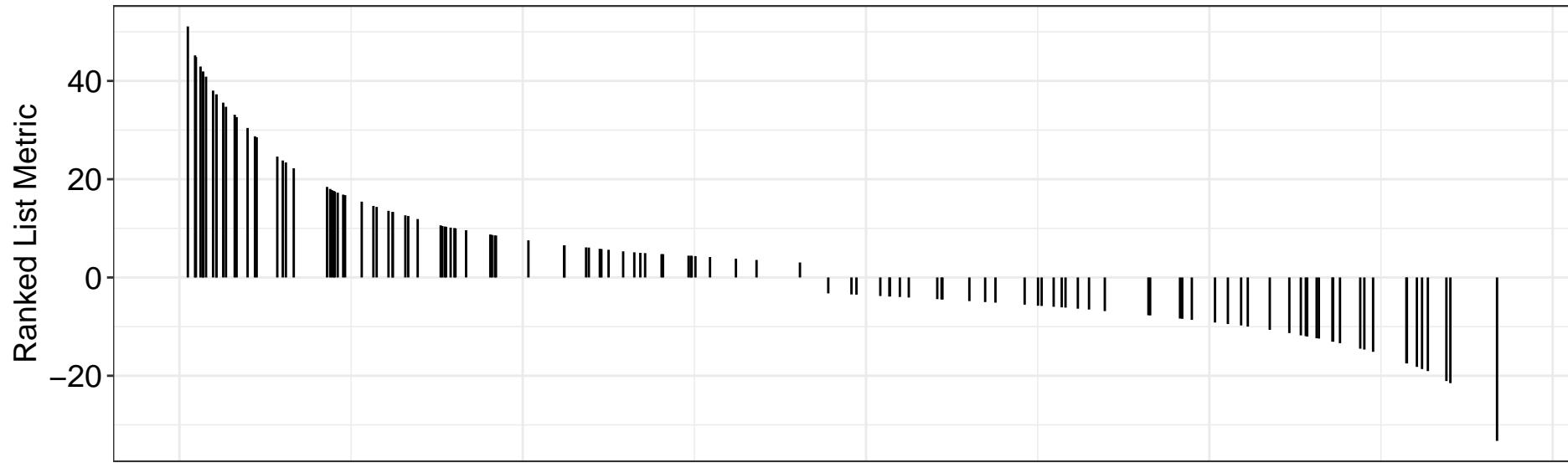
# negative regulation of cell death



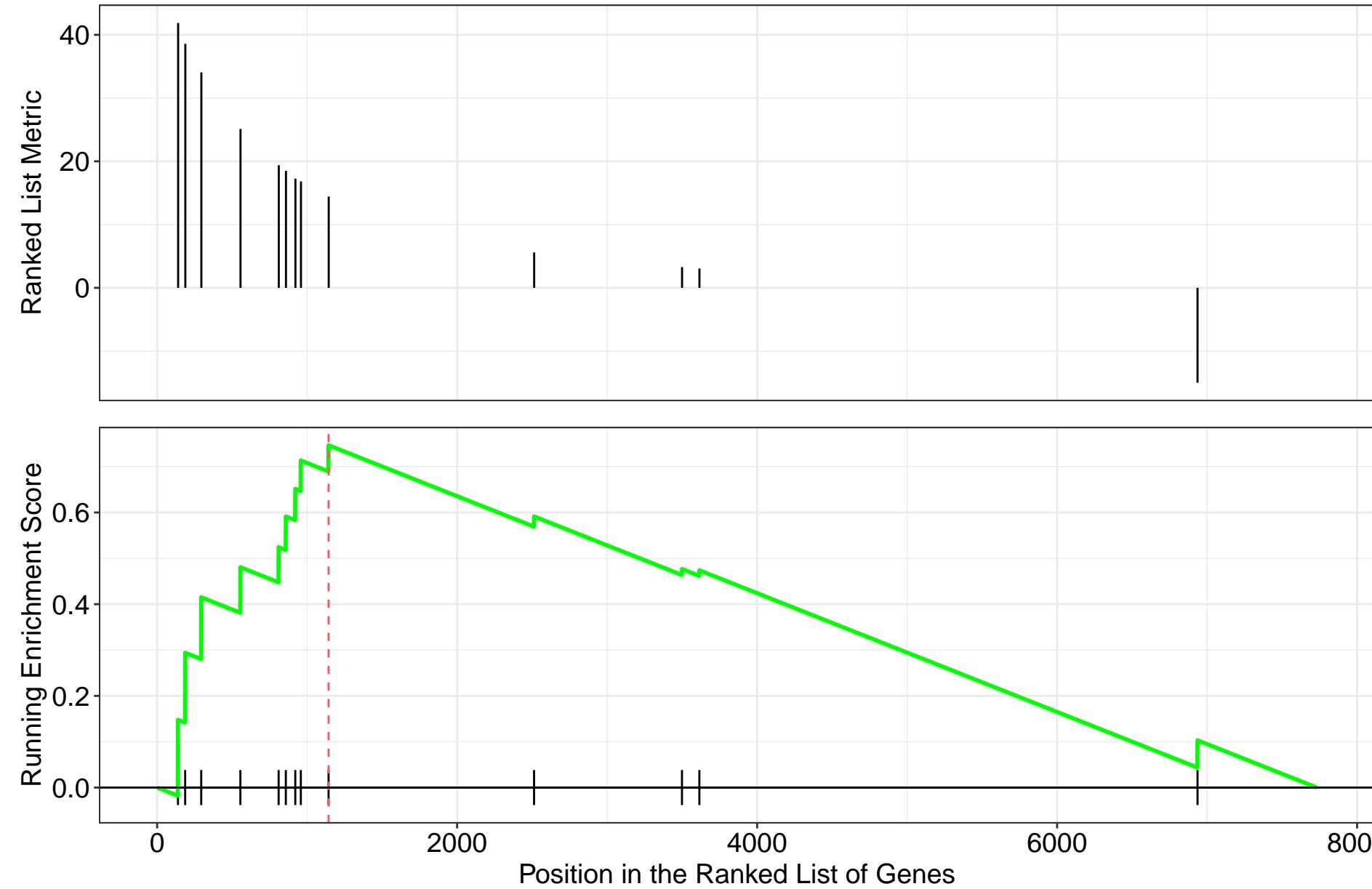
# positive regulation of I-kappaB kinase/NF-kappaB signaling



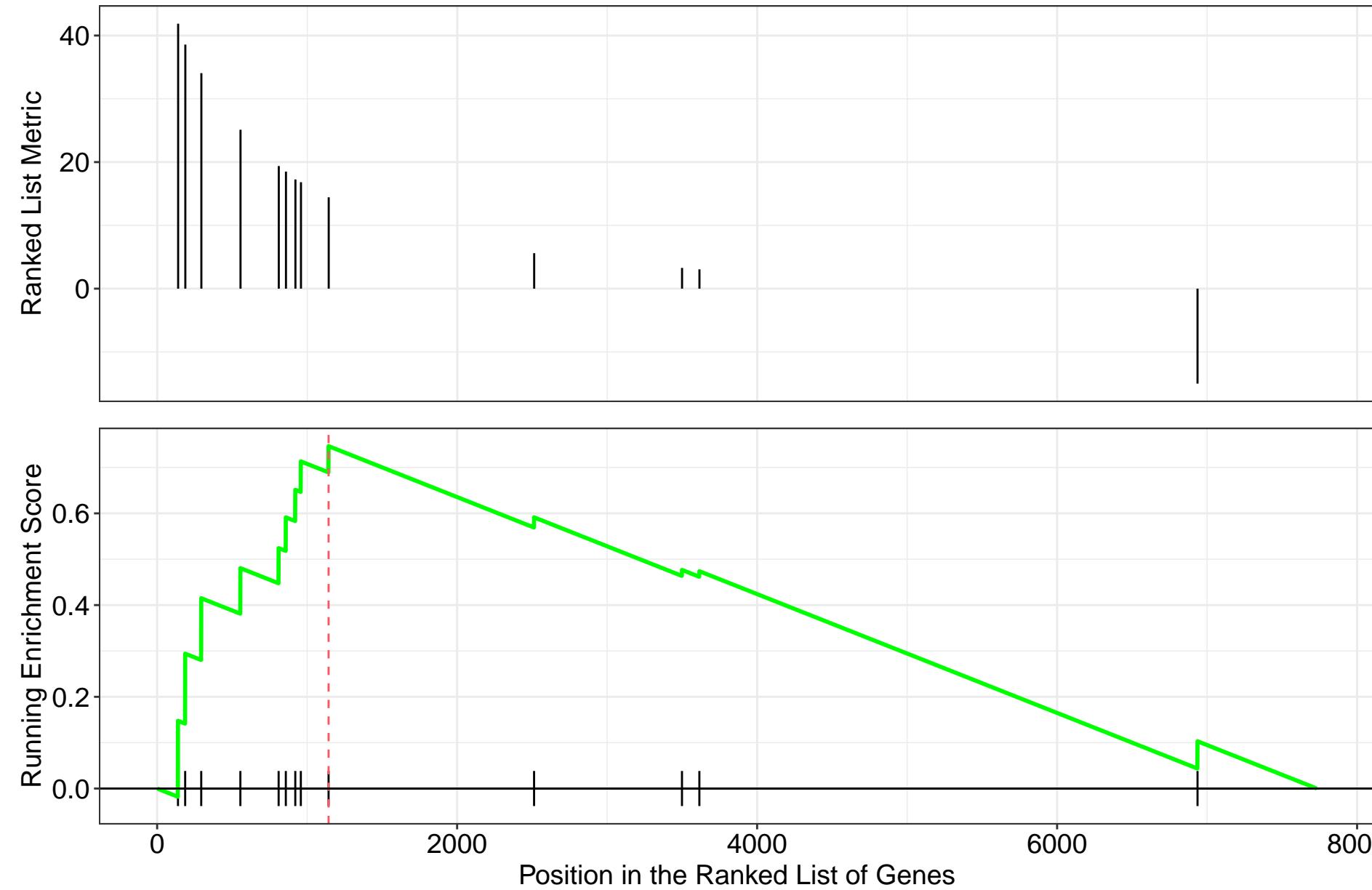
# negative regulation of hydrolase activity



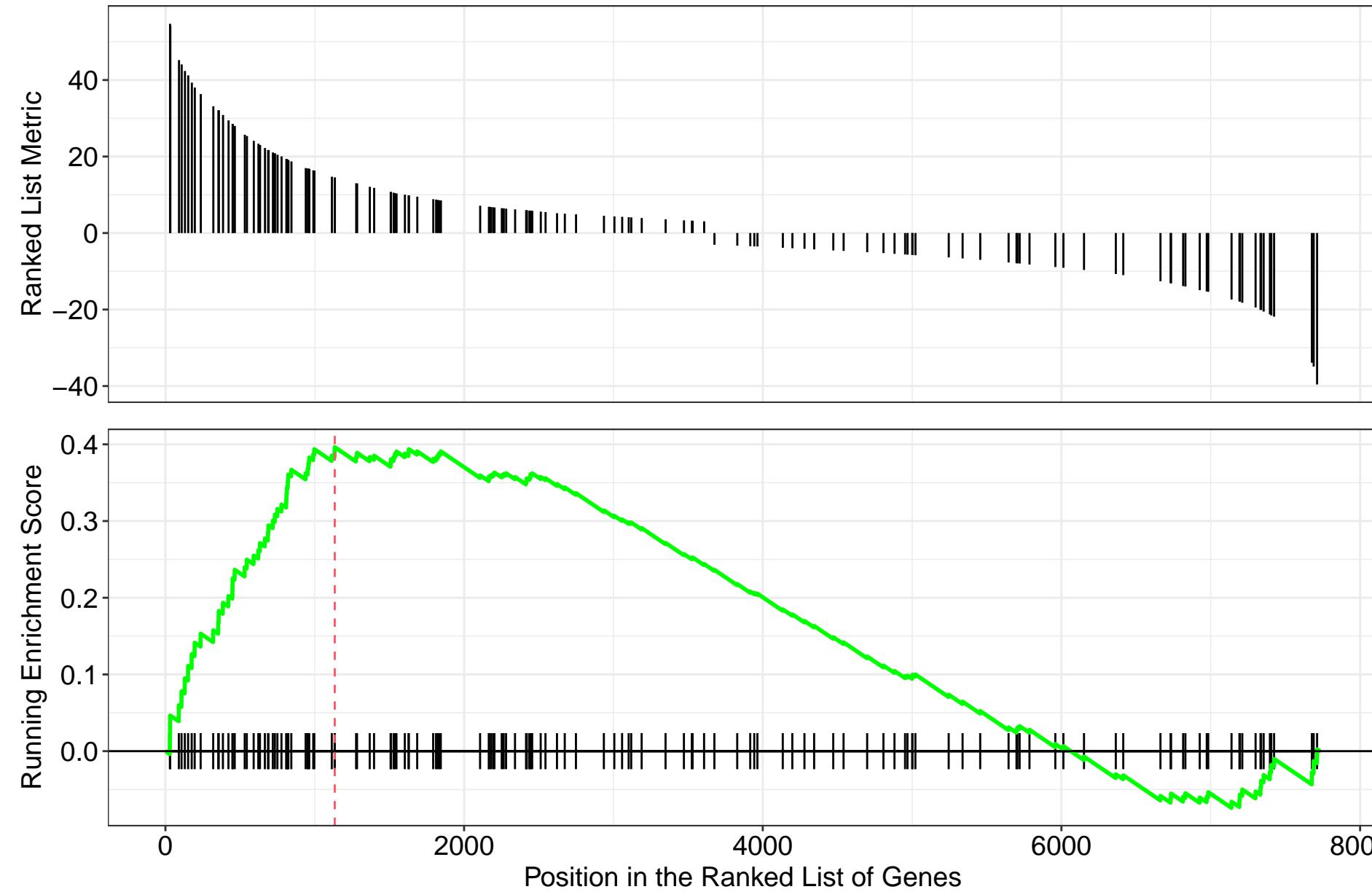
# regulation of response to interferon-gamma



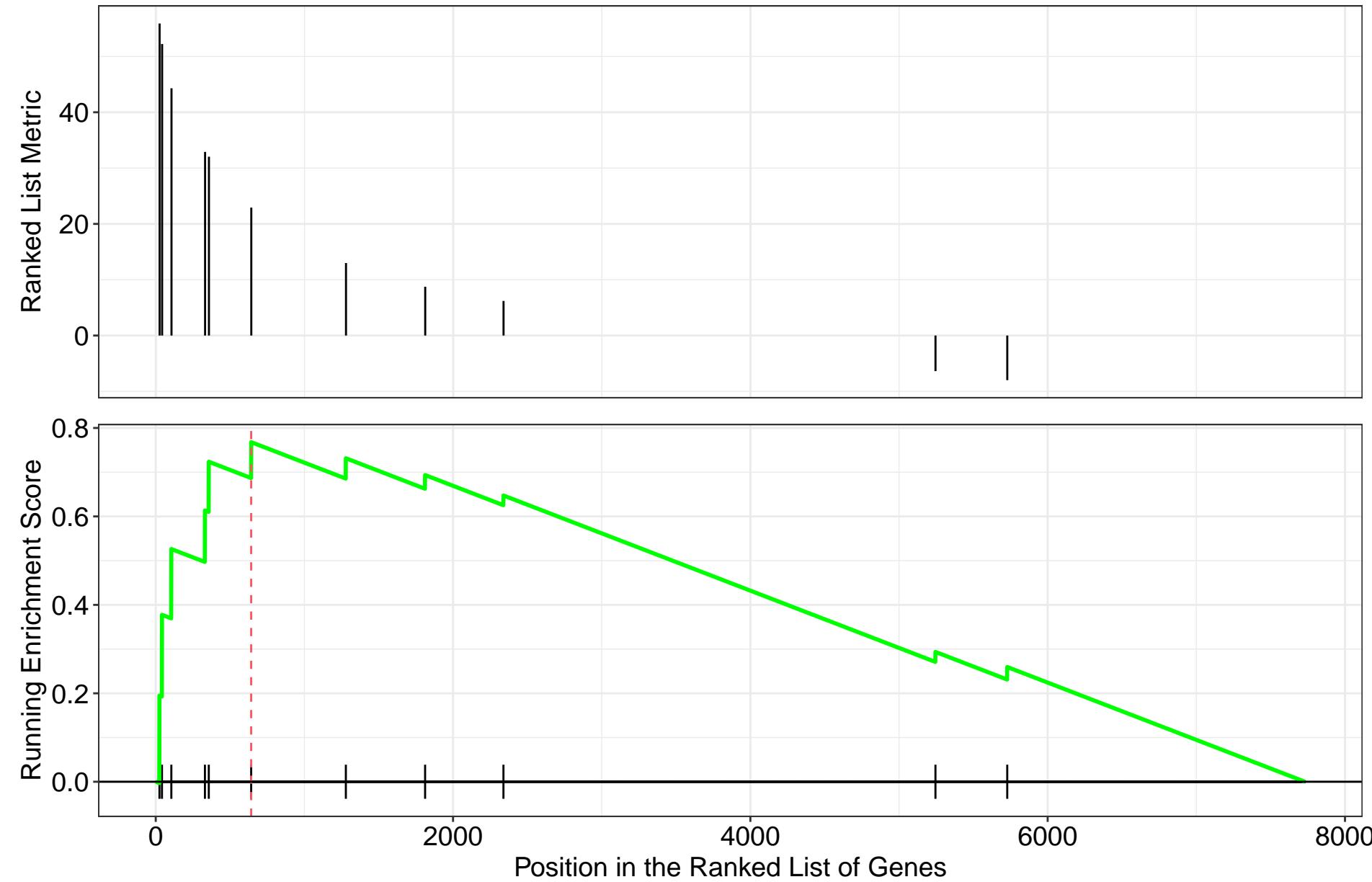
# regulation of interferon-gamma-mediated signaling pathway



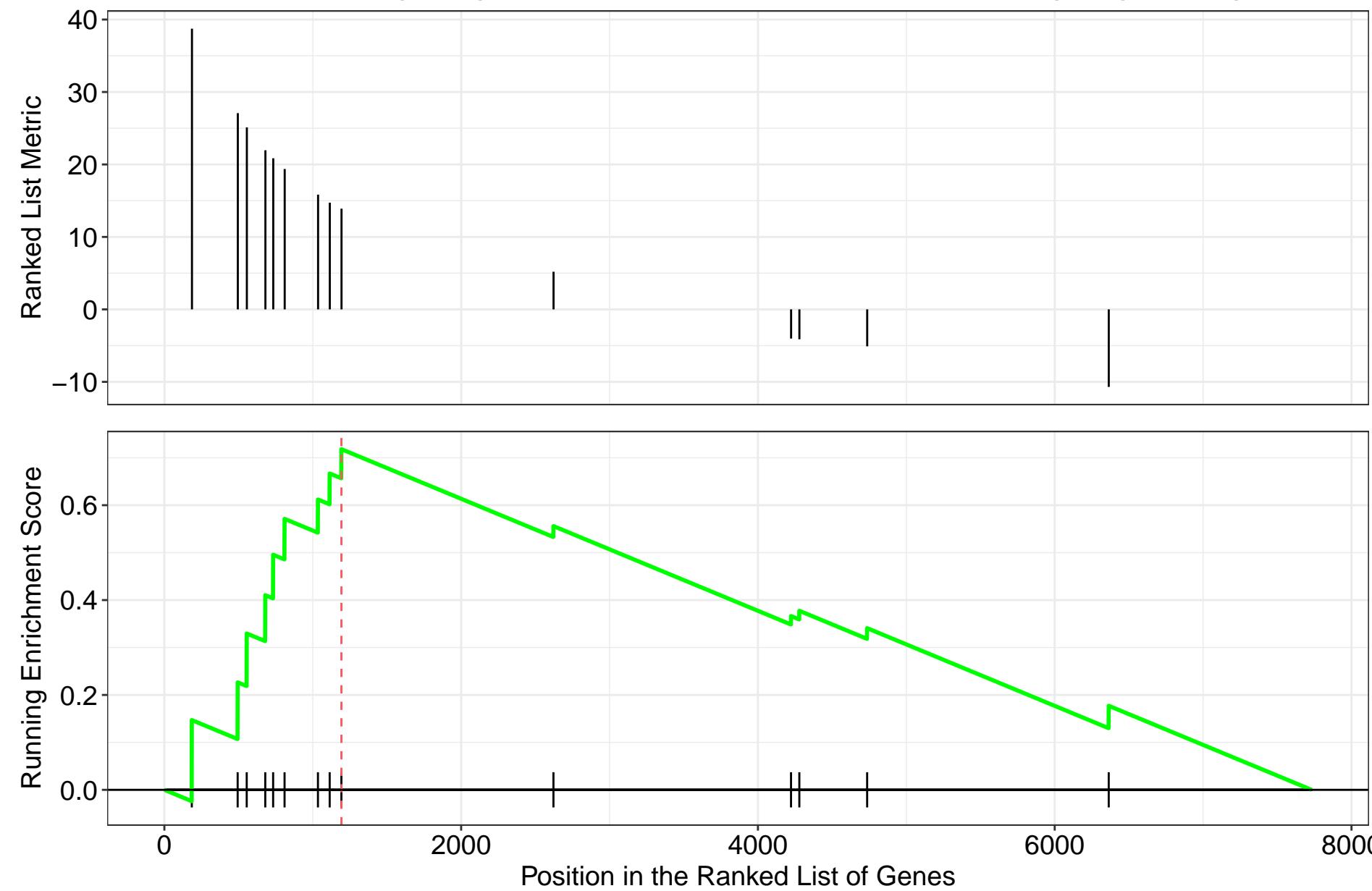
# activation of immune response



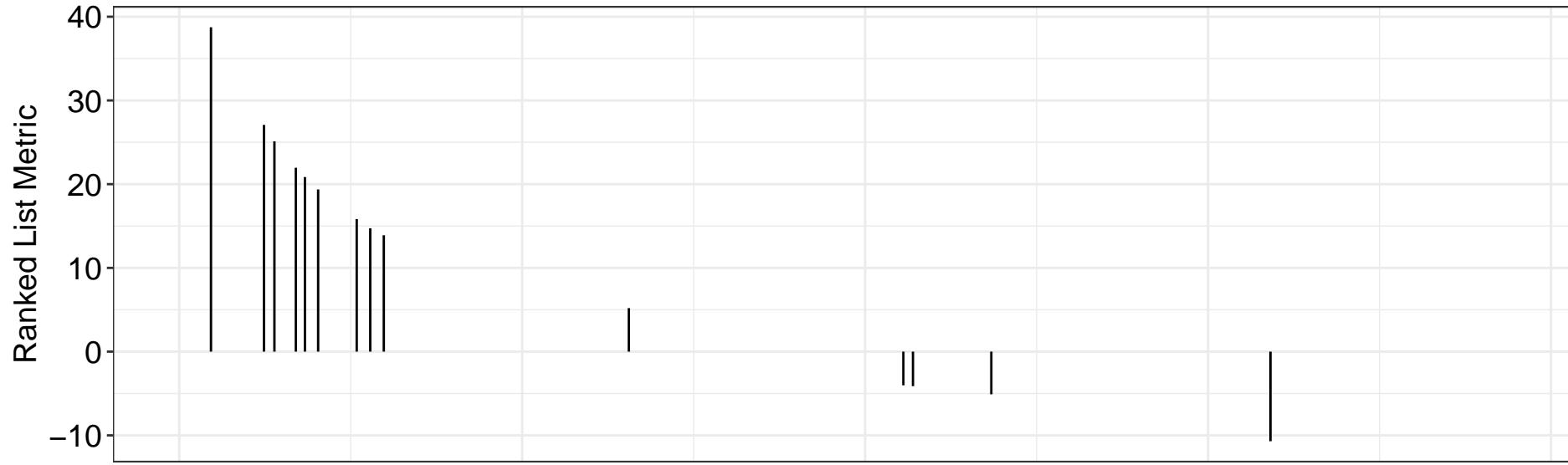
# regulation of tolerance induction



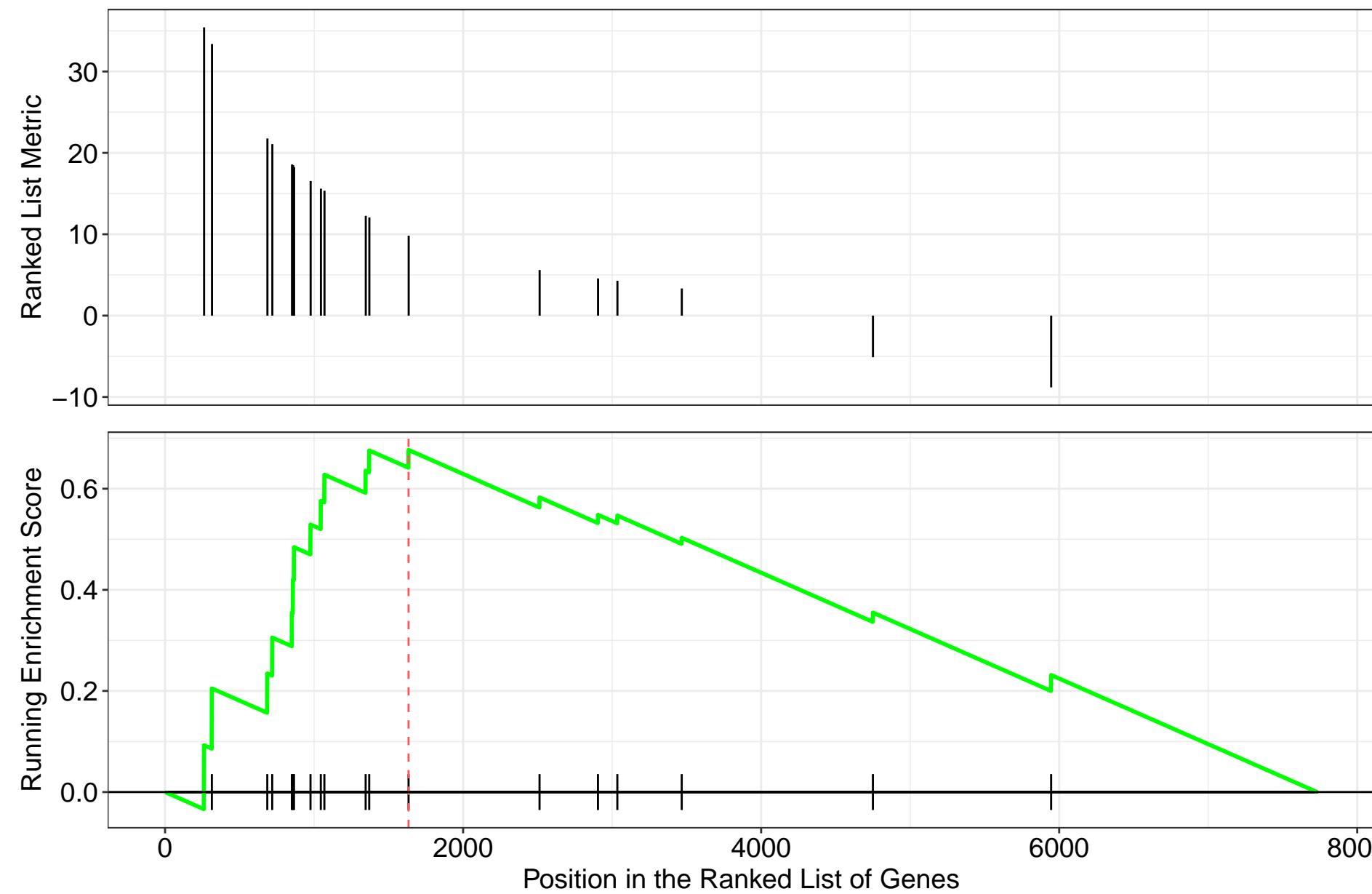
# nucleotide-binding oligomerization domain containing signaling pathway



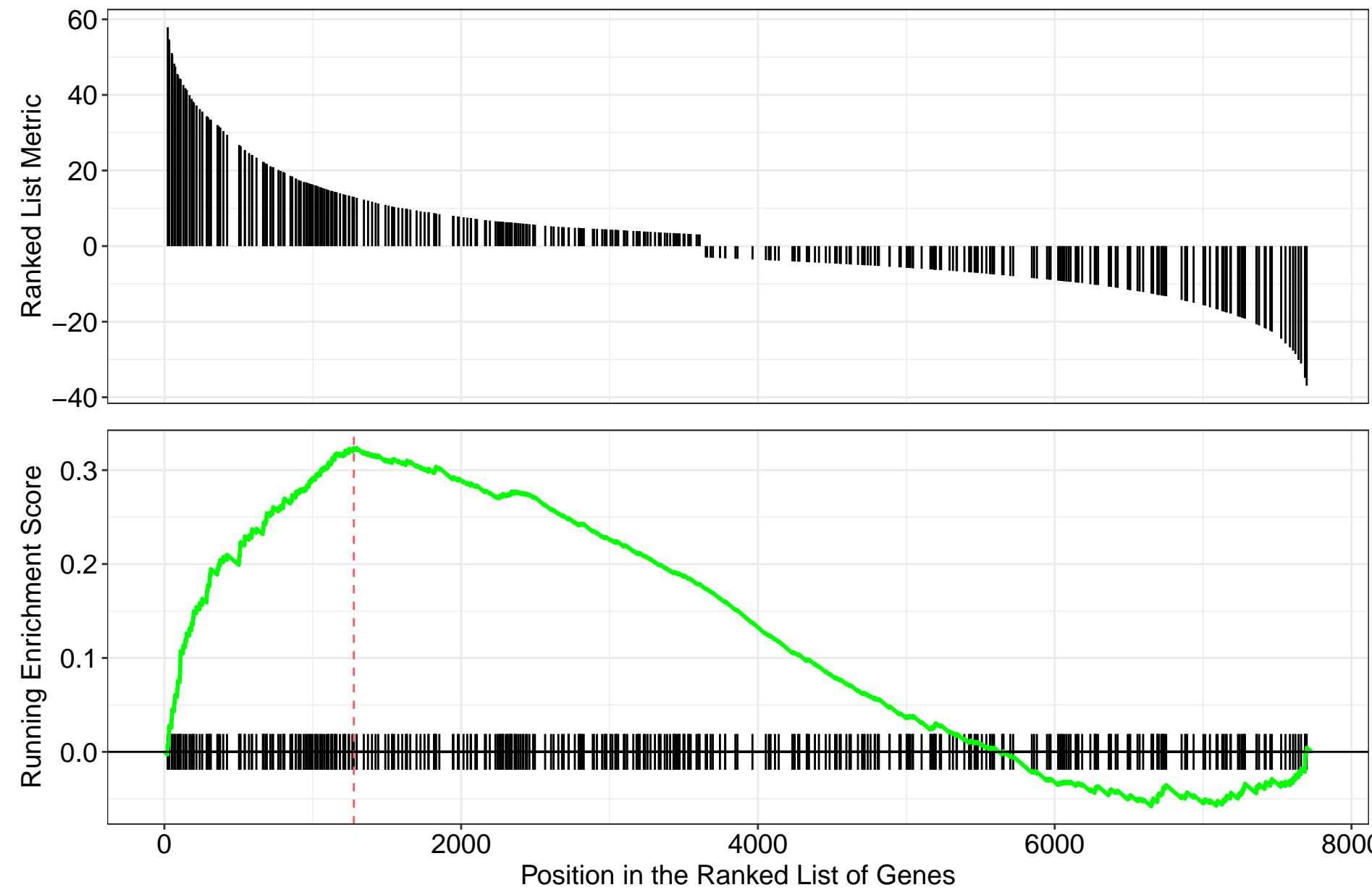
# nucleotide–binding oligomerization domain containing 2 signaling pathway



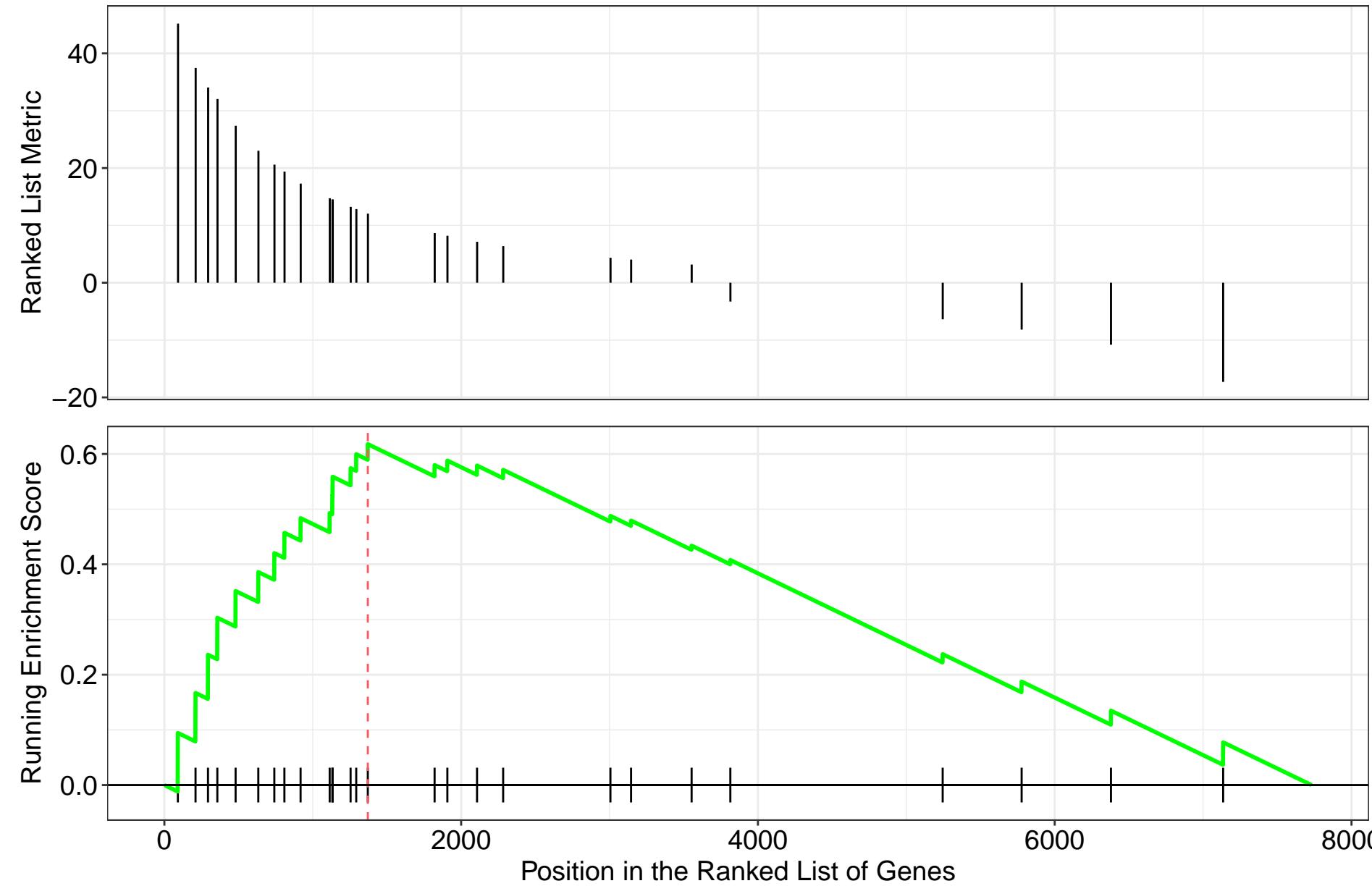
# negative regulation of type I interferon-mediated signaling pathway



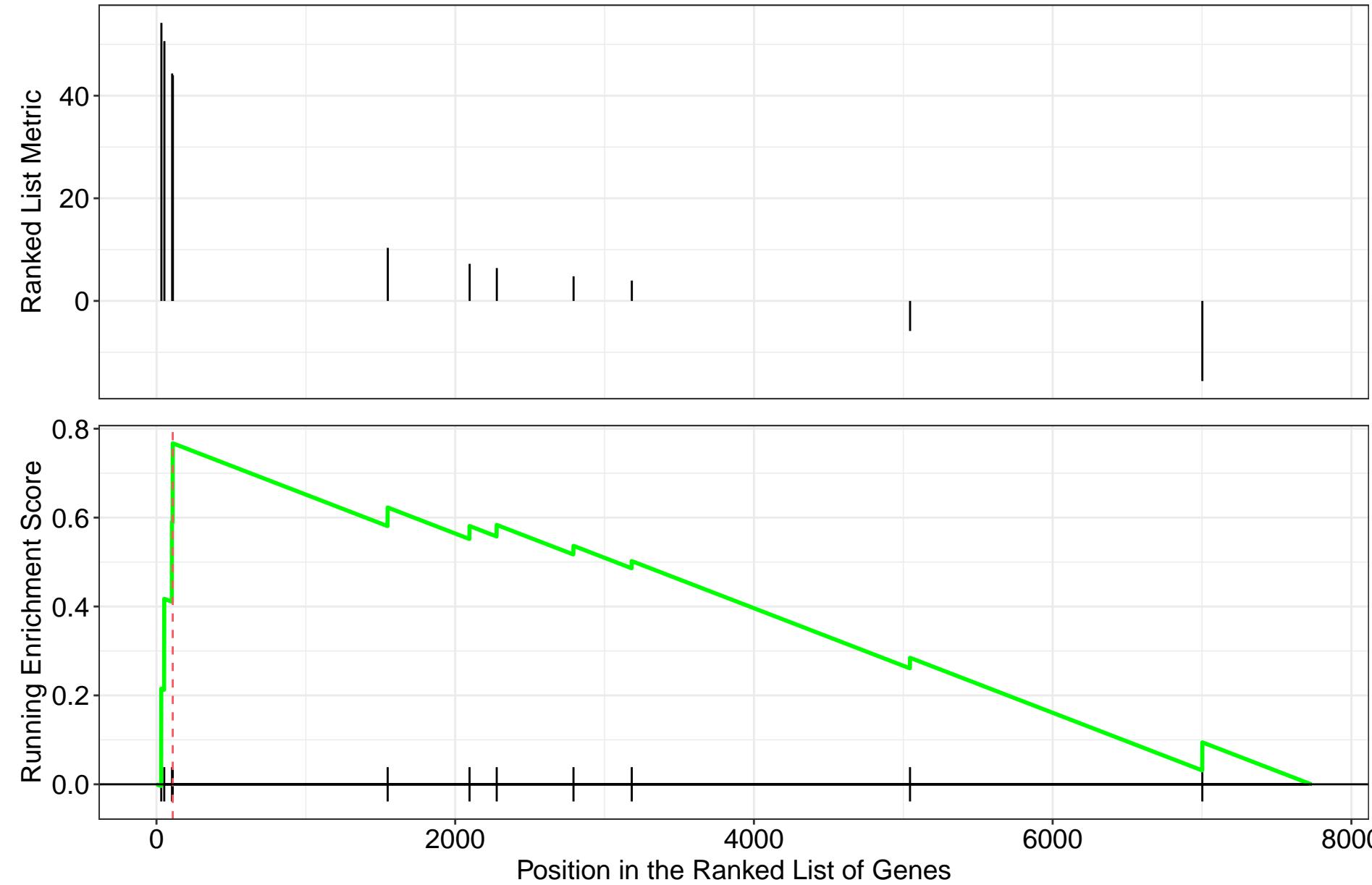
# positive regulation of transport



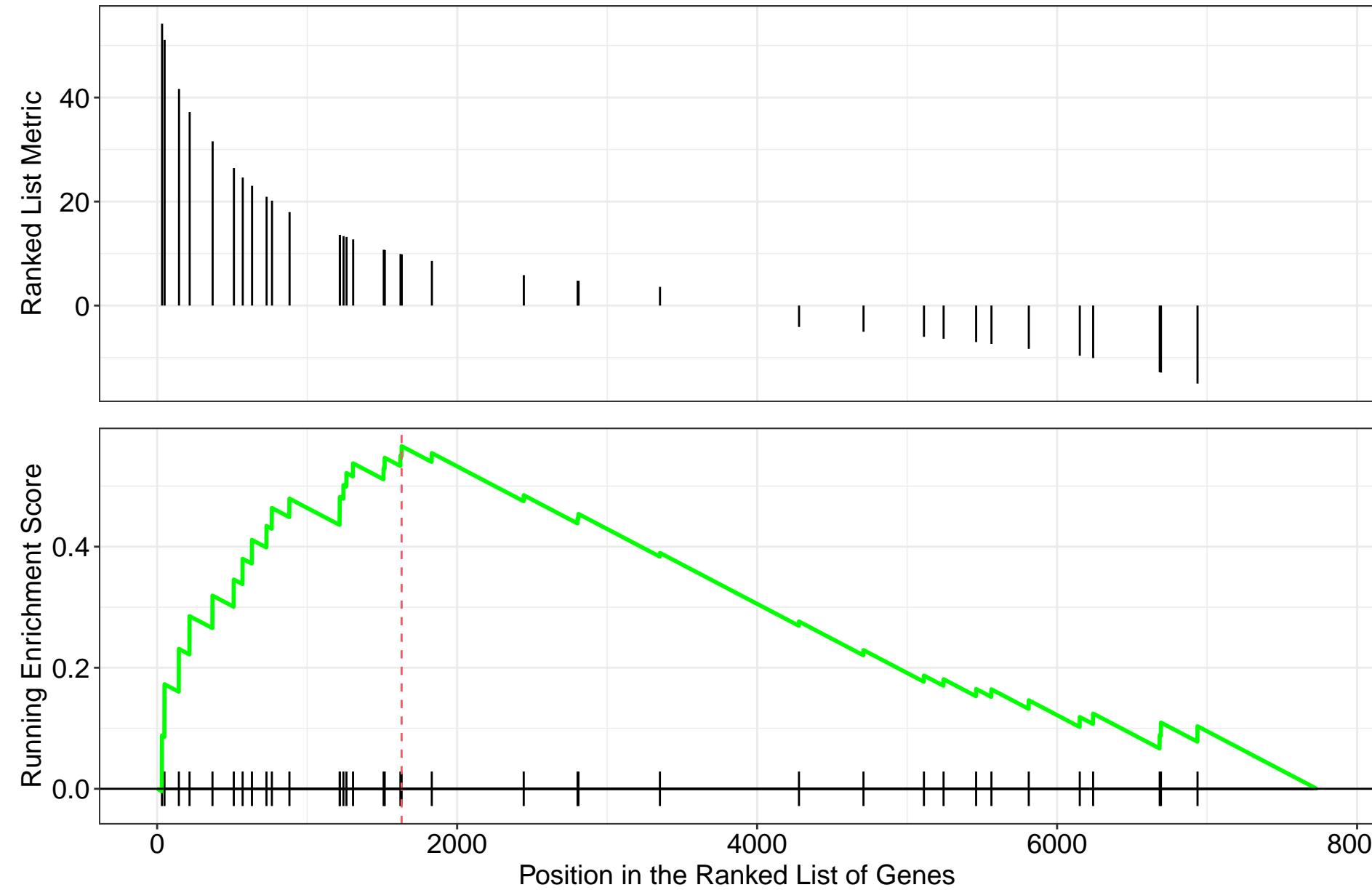
# regulation of CD4-positive, alpha-beta T cell differentiation



# regulation of prostaglandin secretion

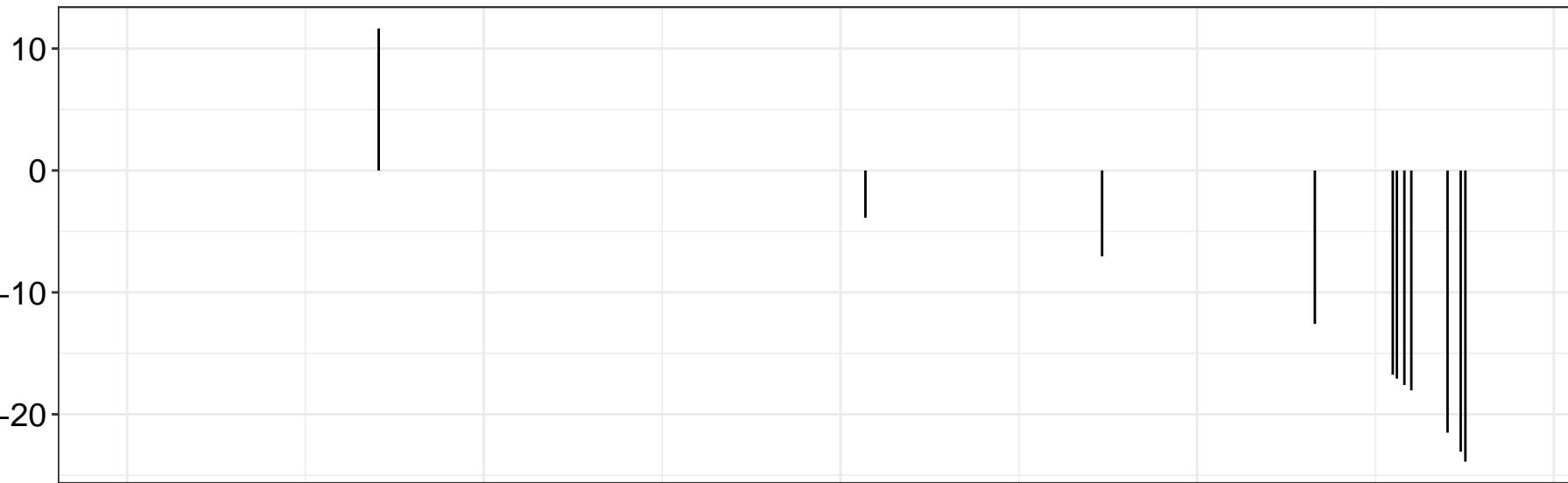


# neuroinflammatory response



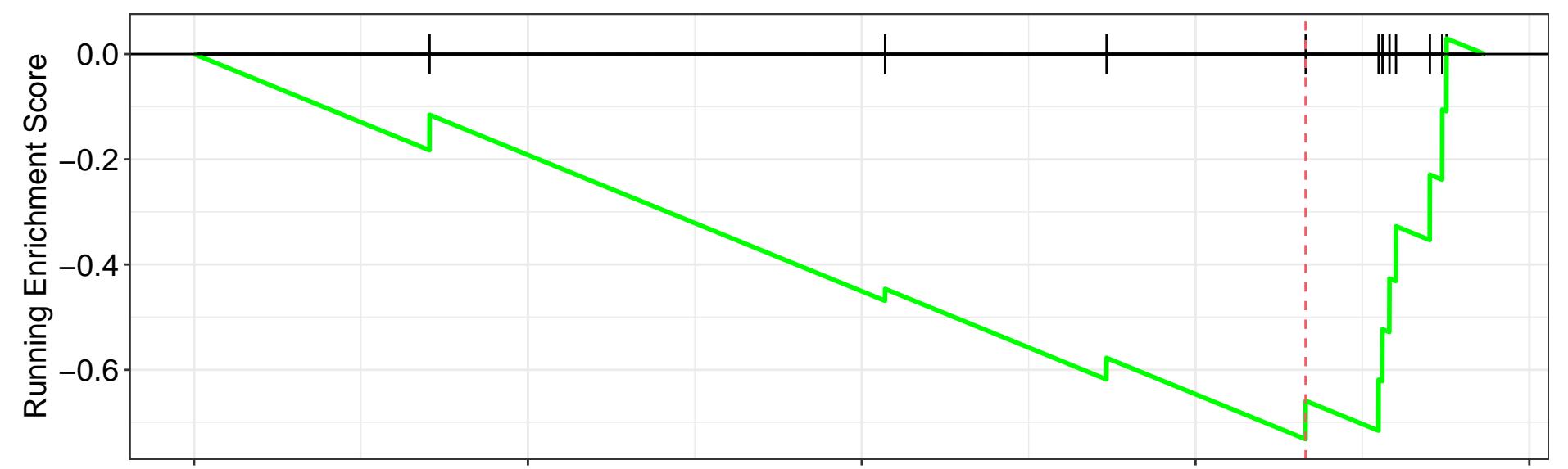
# spindle elongation

Ranked List Metric

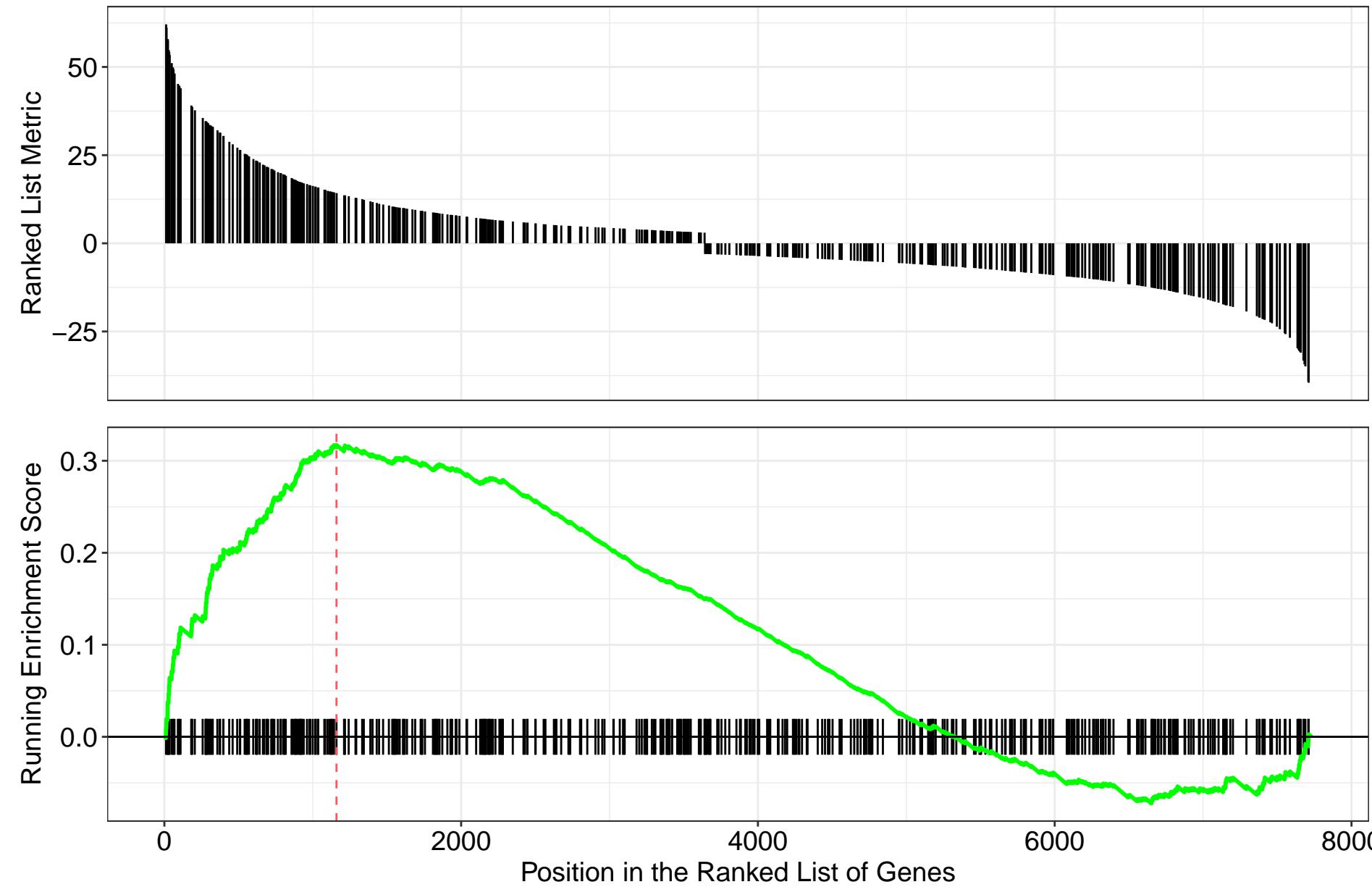


Running Enrichment Score

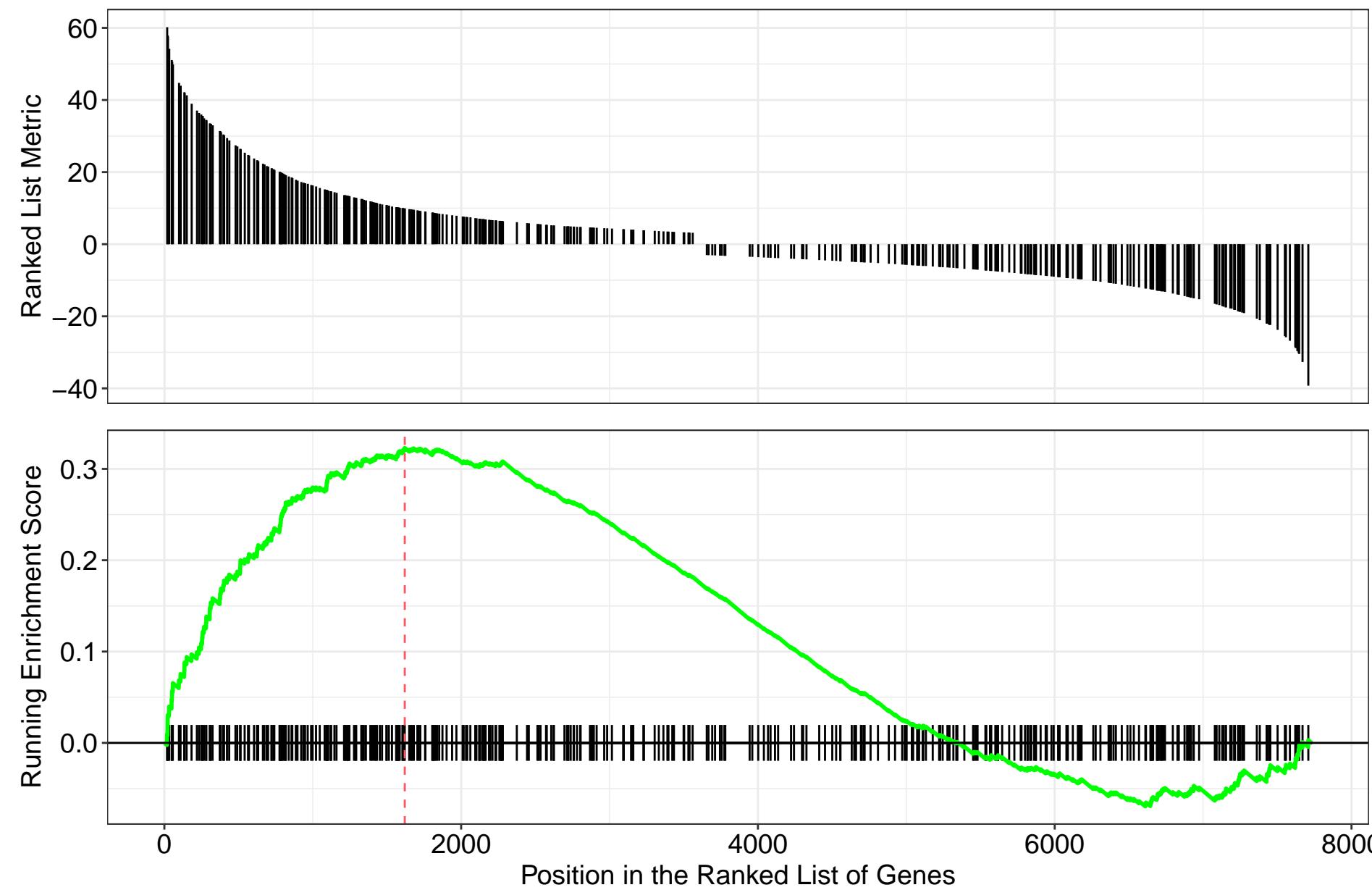
Position in the Ranked List of Genes



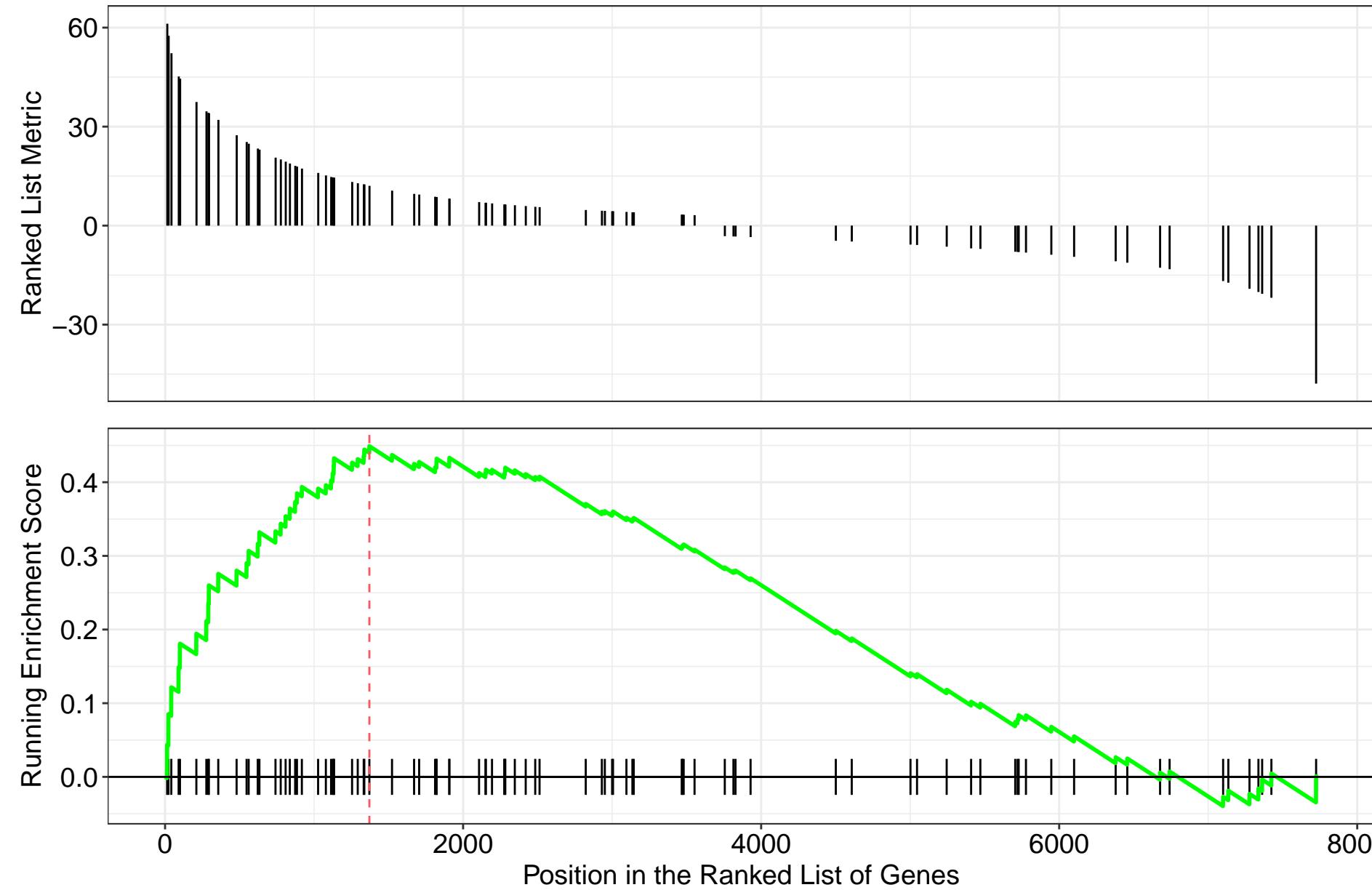
# positive regulation of protein modification process



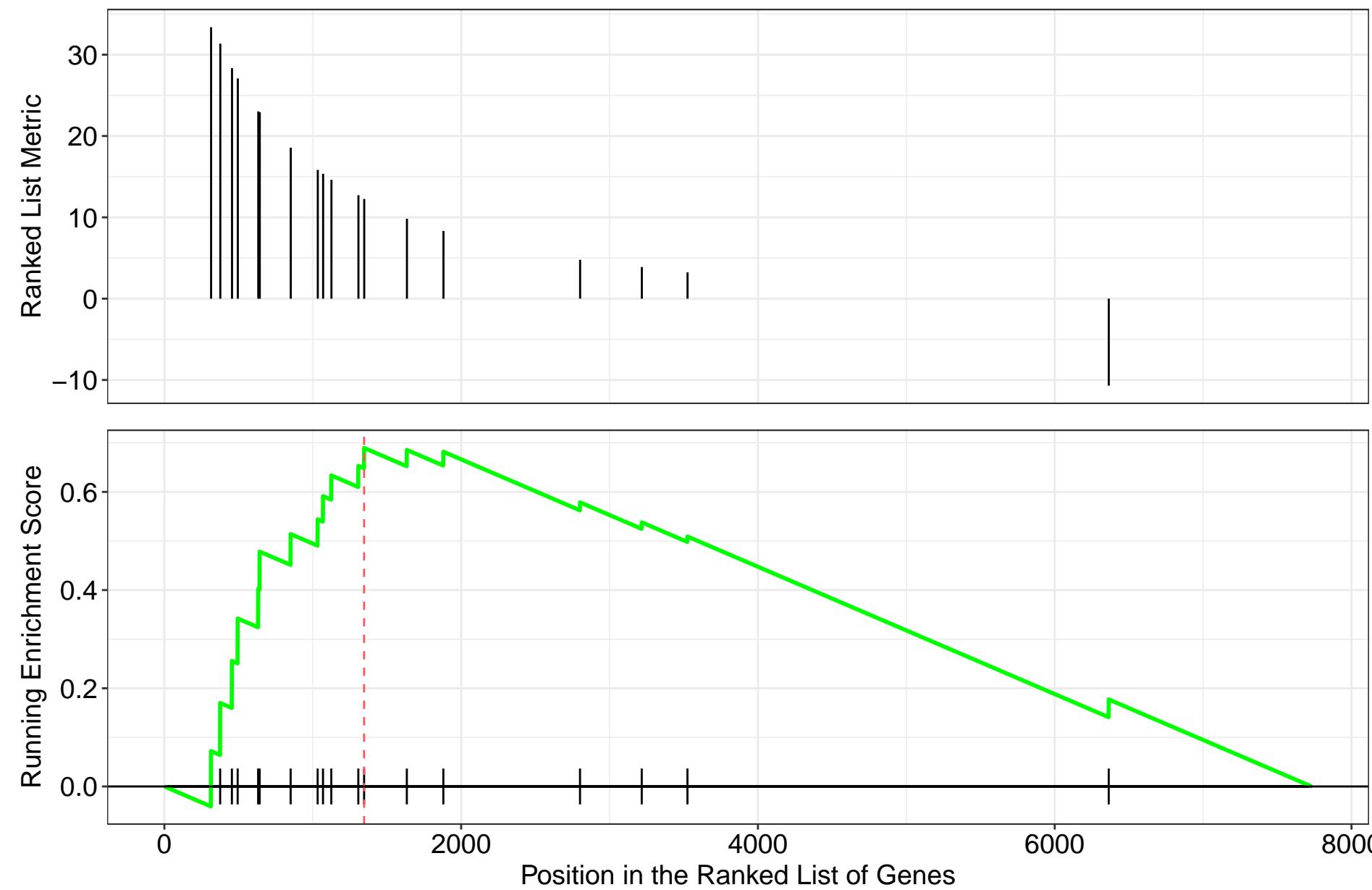
# tube morphogenesis



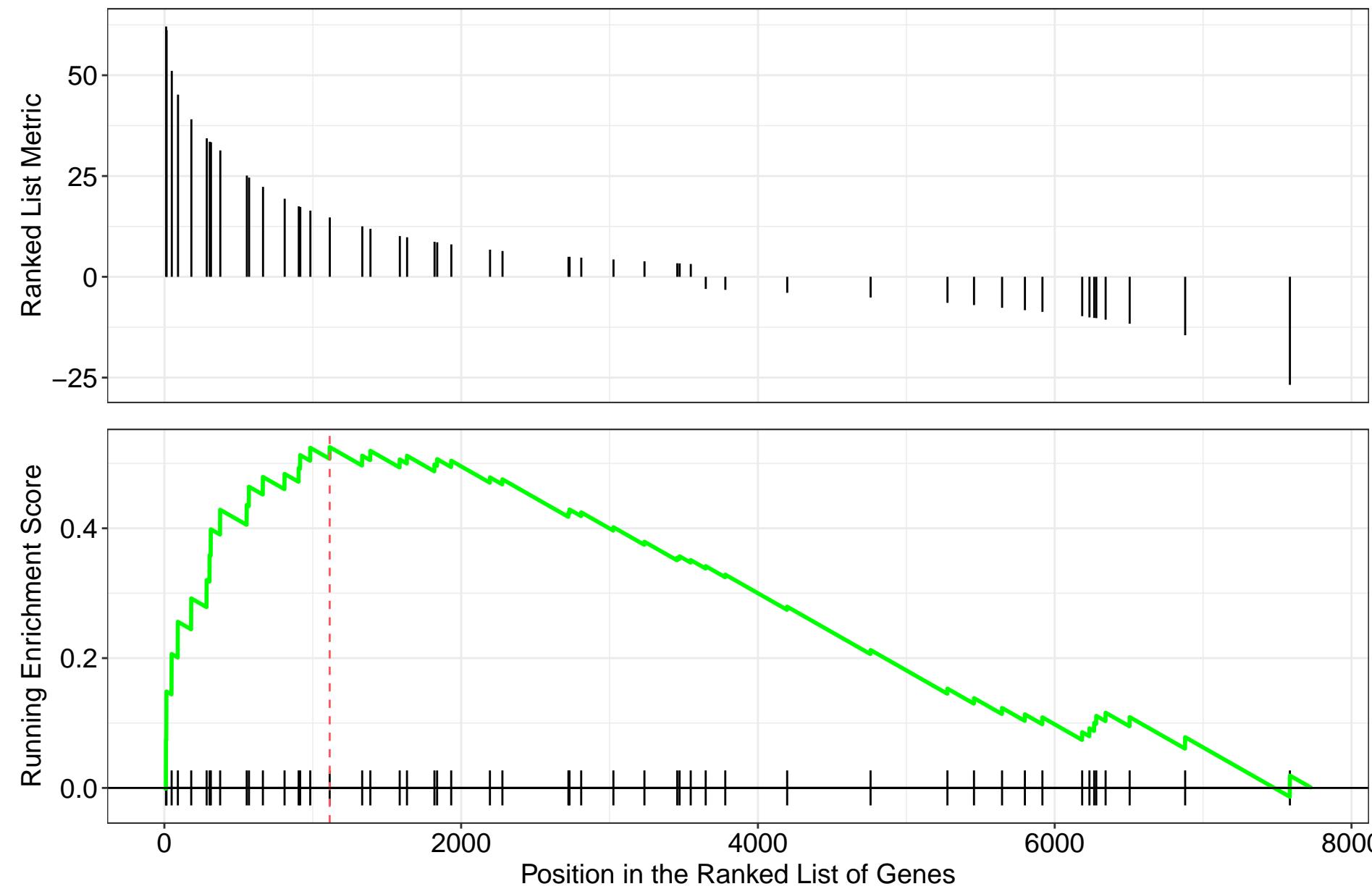
# regulation of T cell differentiation



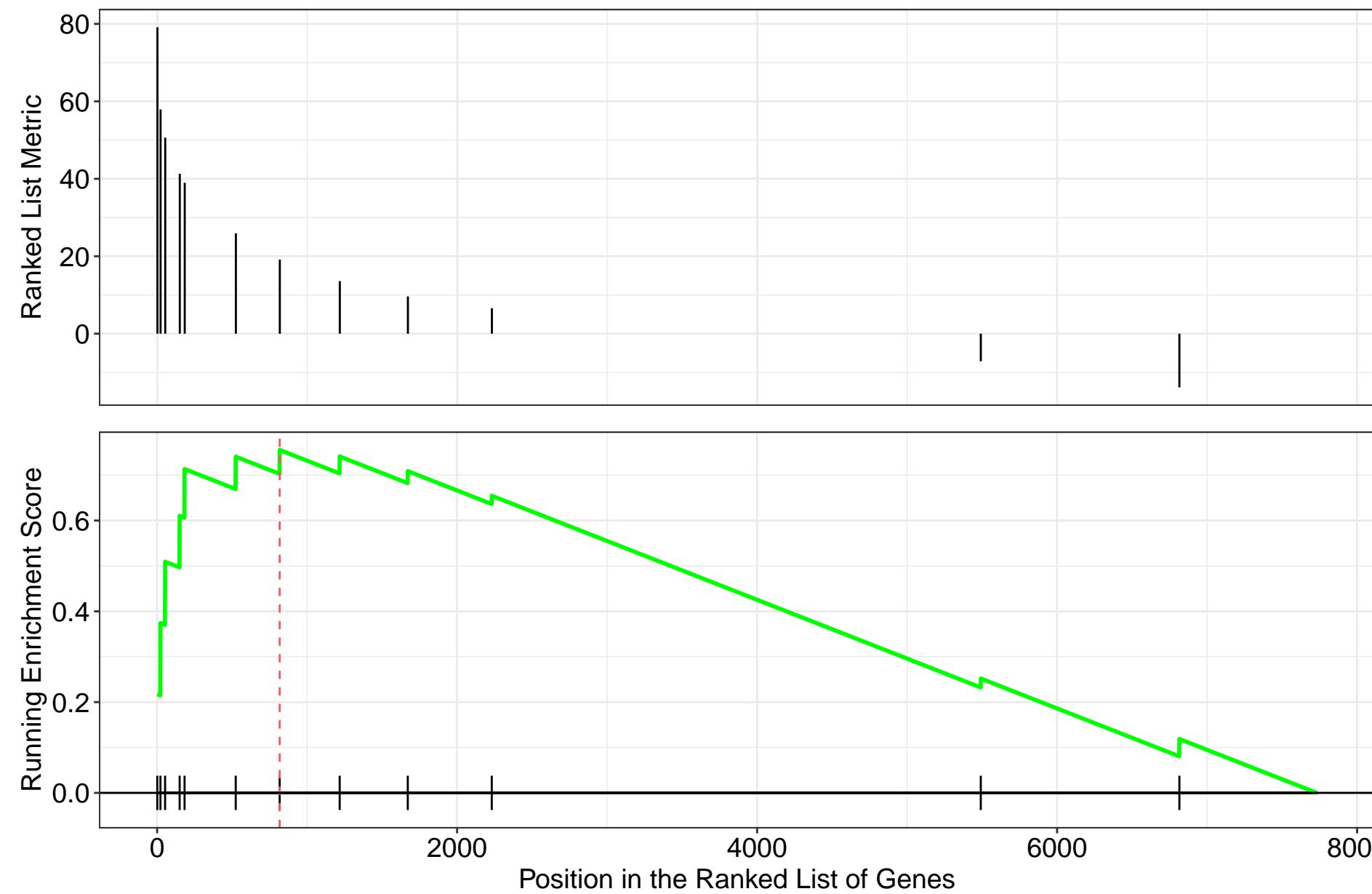
# toll-like receptor 3 signaling pathway



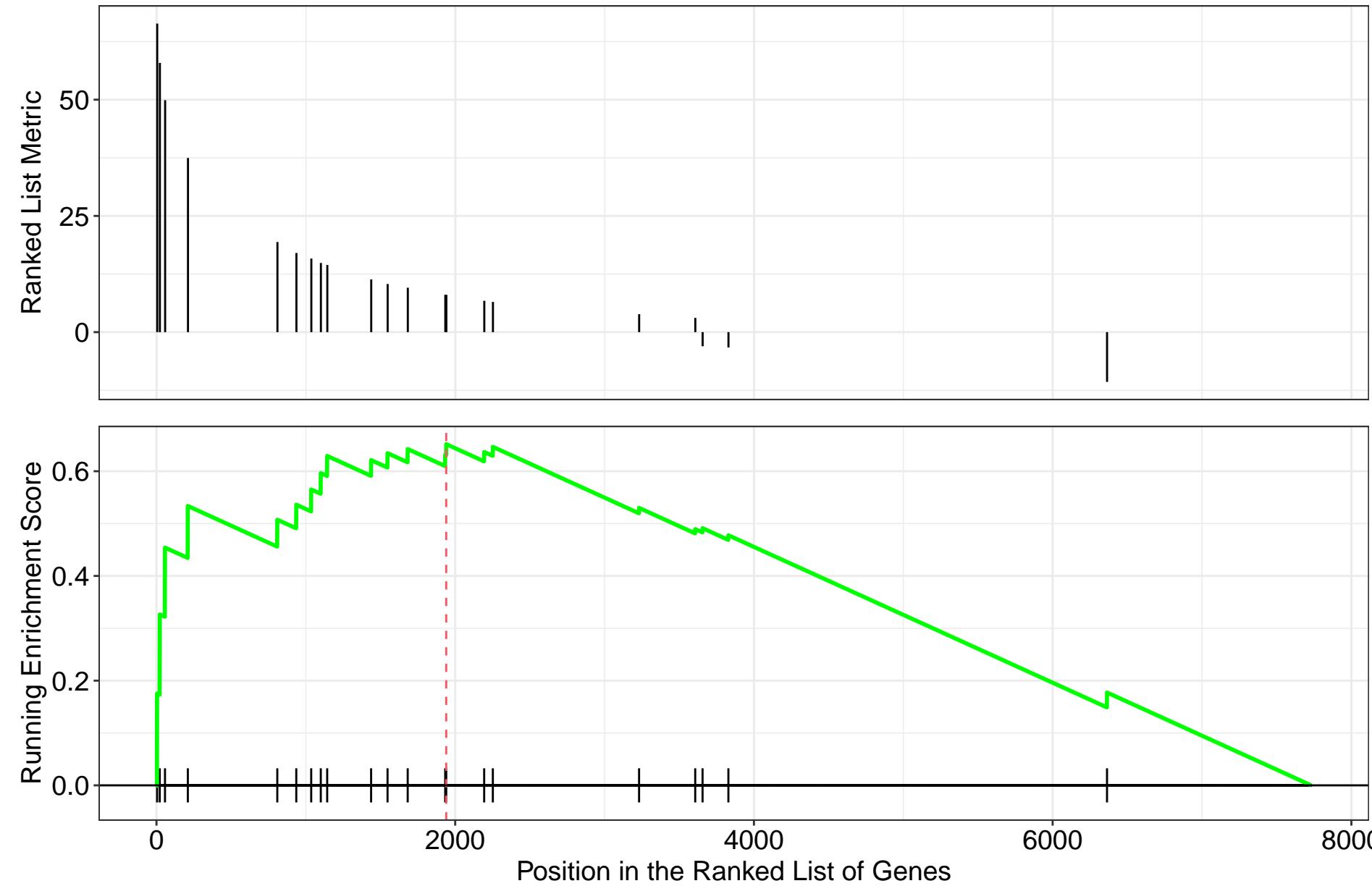
# positive regulation of peptidyl-serine phosphorylation



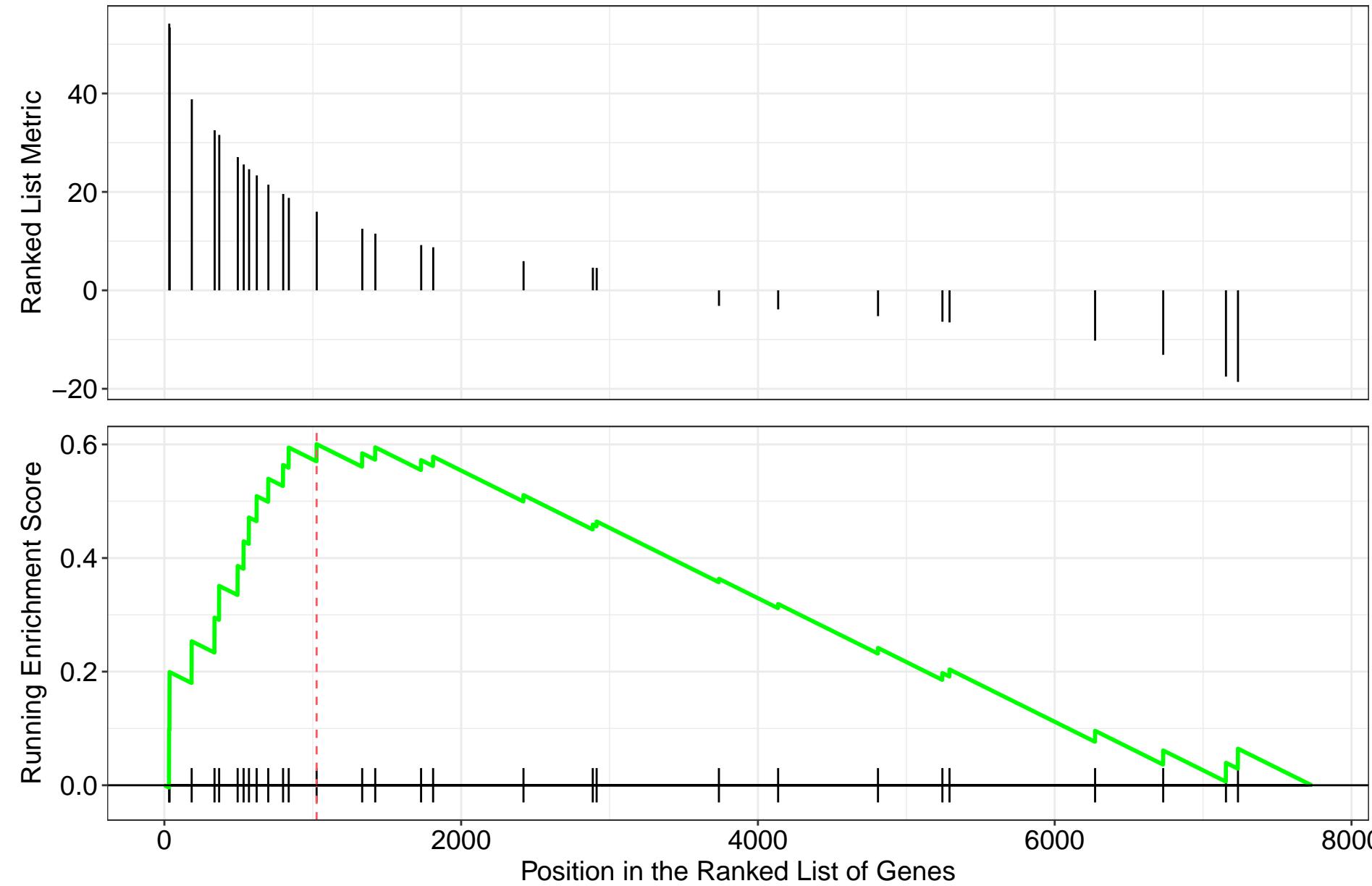
# eosinophil migration



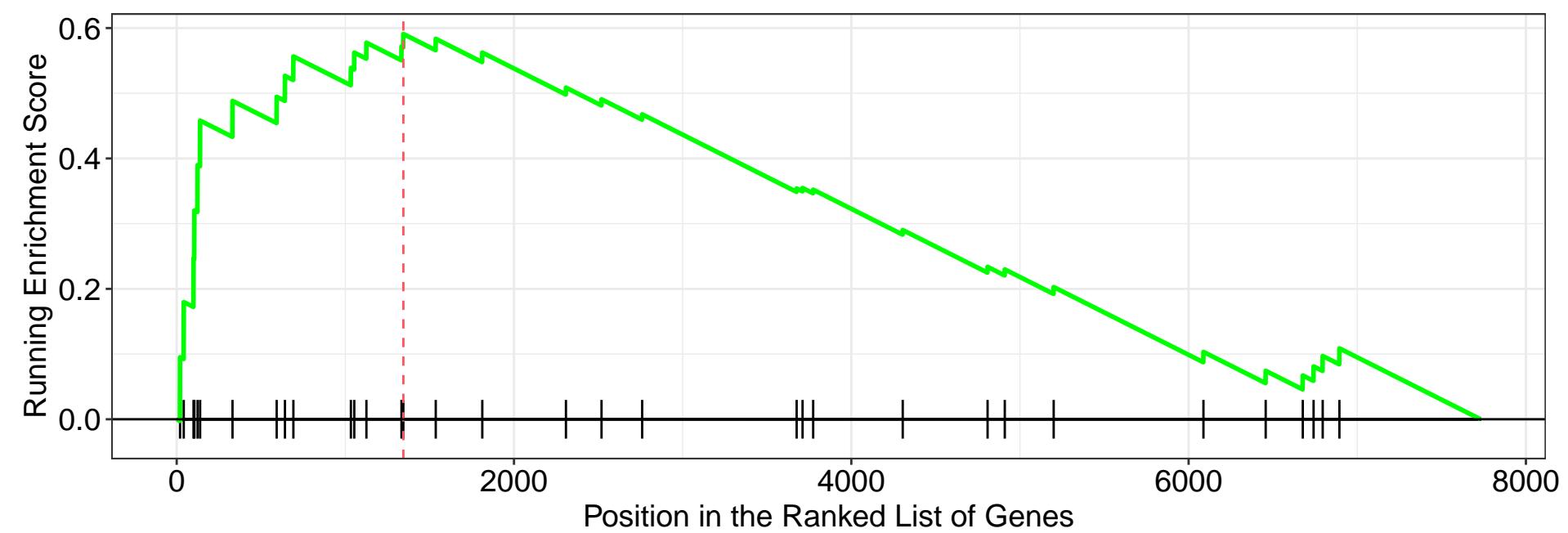
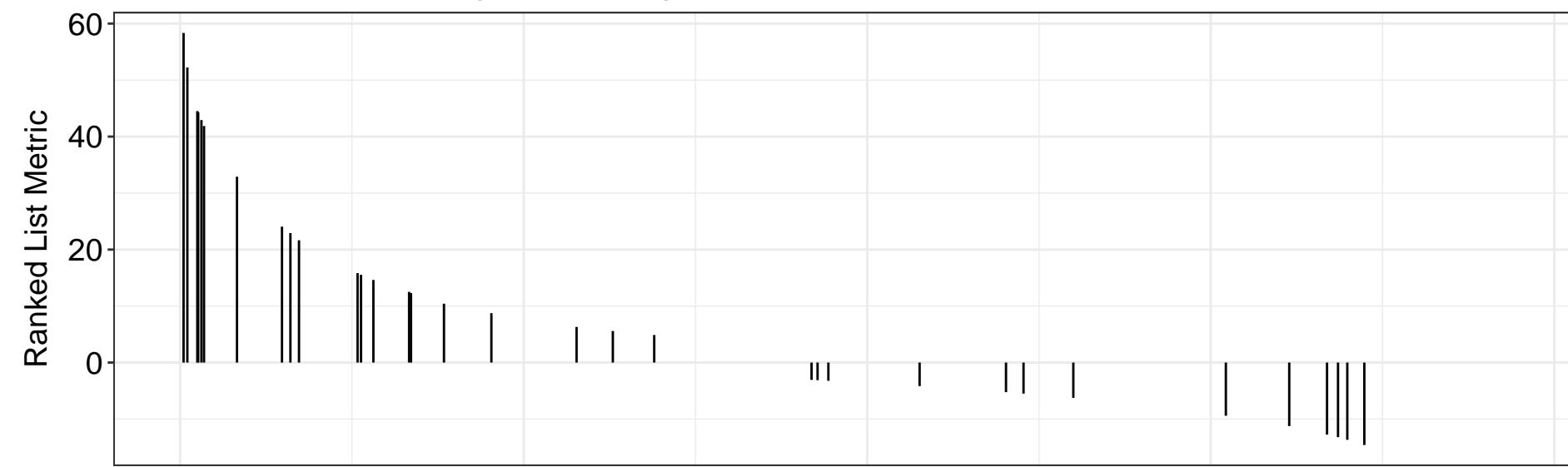
# positive regulation of defense response to virus by host



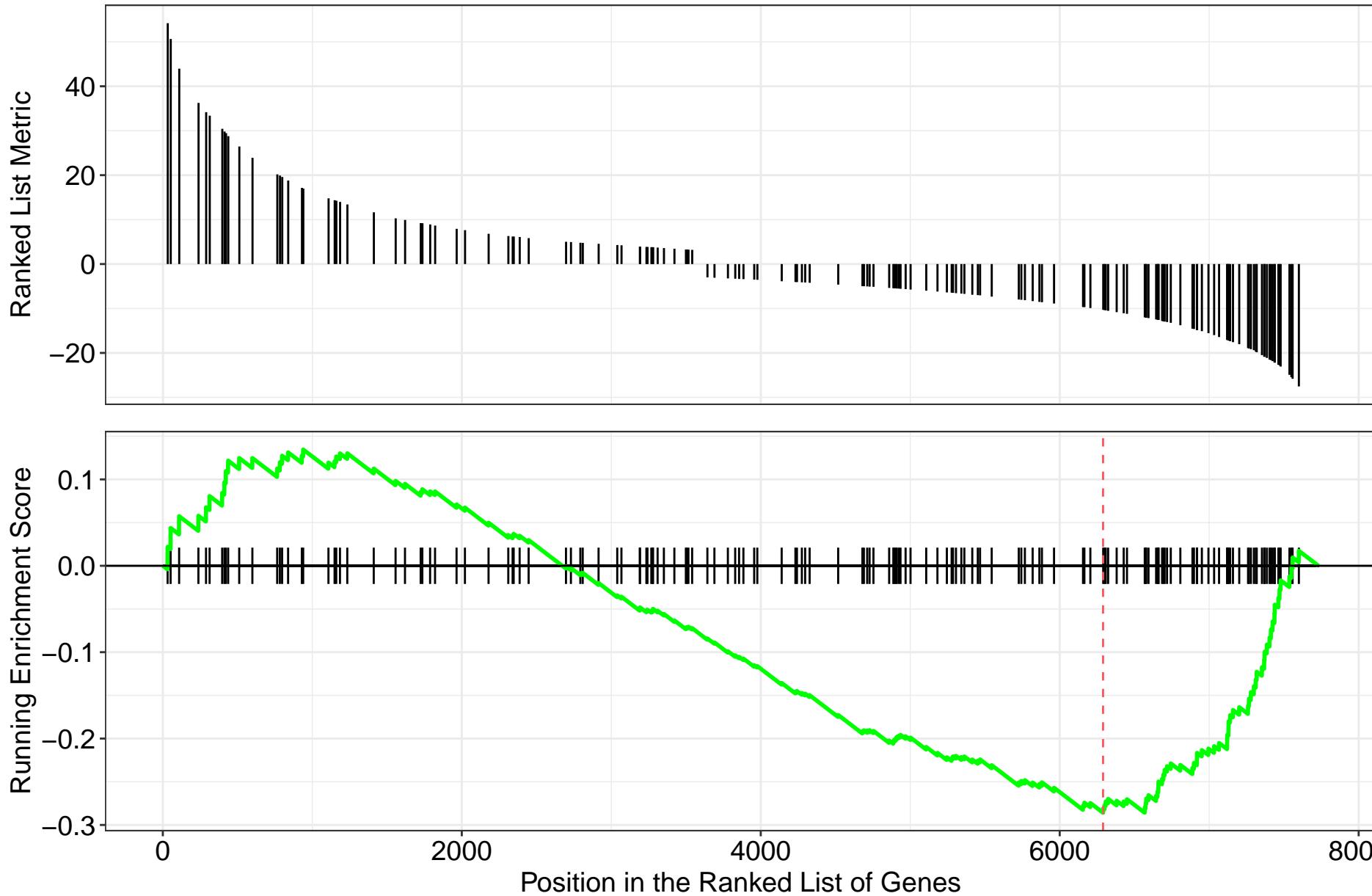
# heterotypic cell–cell adhesion



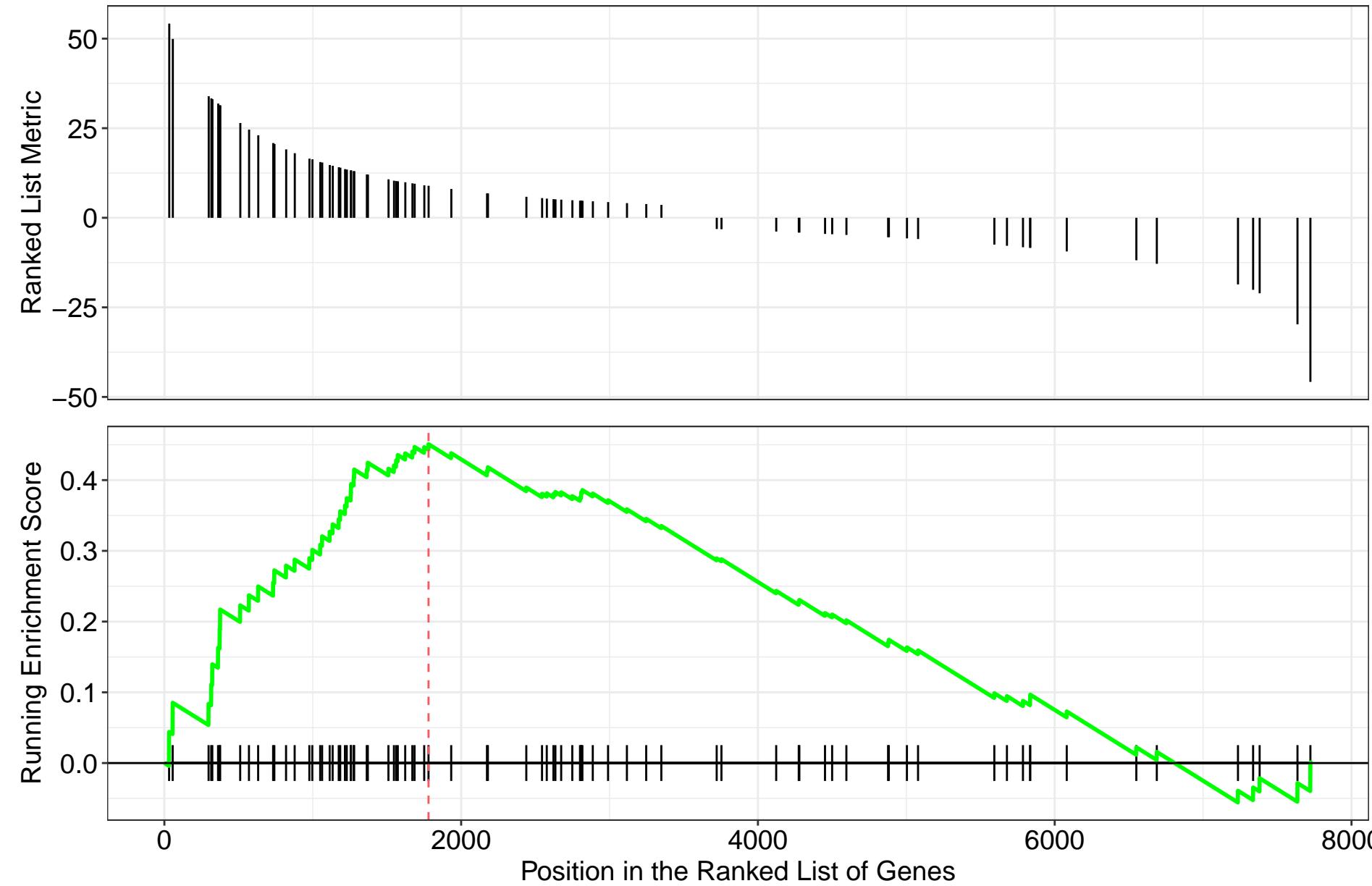
# negative regulation of T cell proliferation



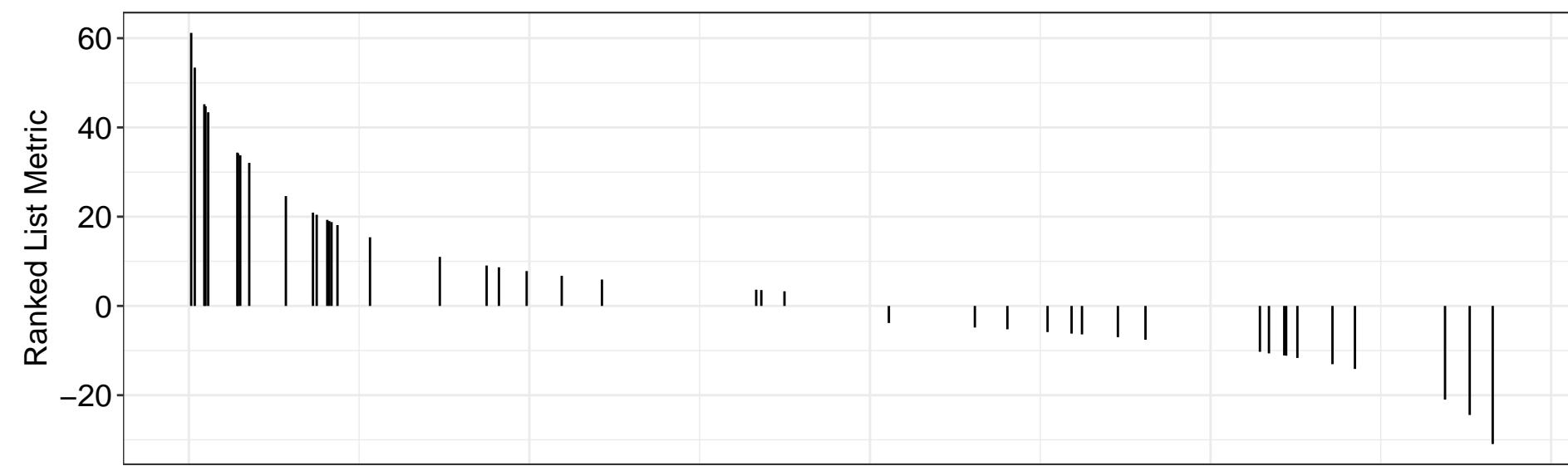
# positive regulation of cell cycle



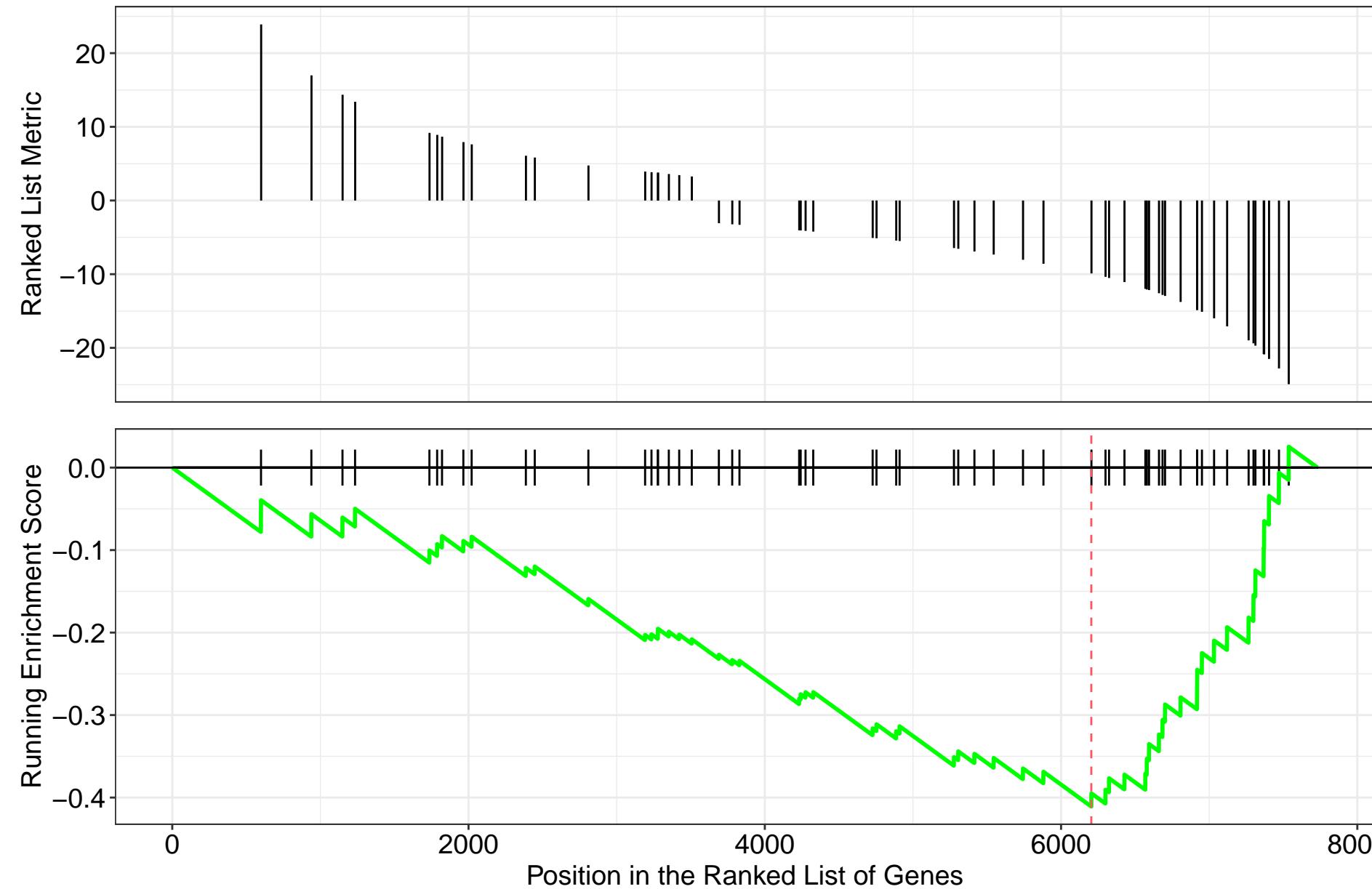
# positive regulation of NF–kappaB transcription factor activity



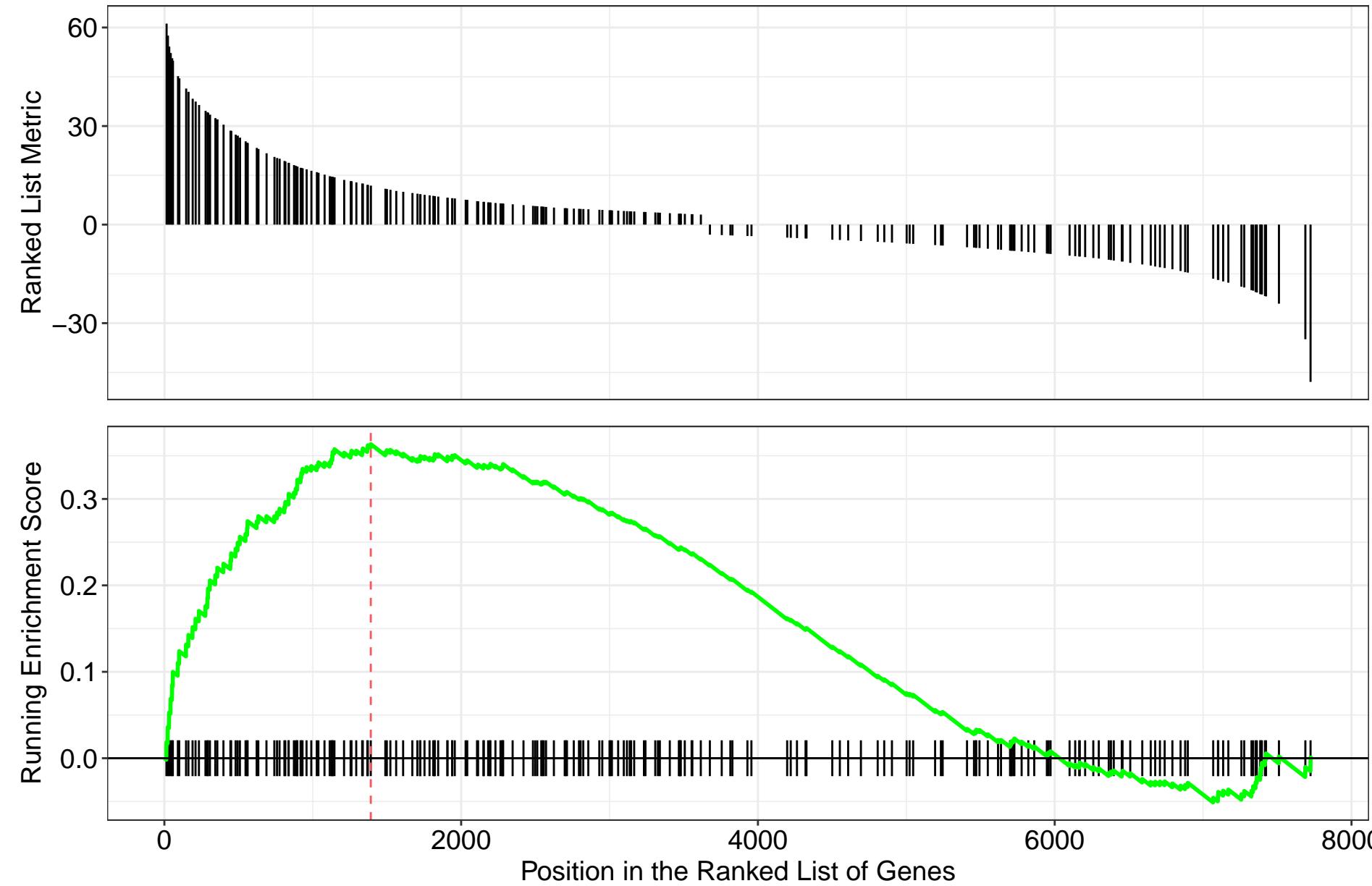
# response to corticosteroid



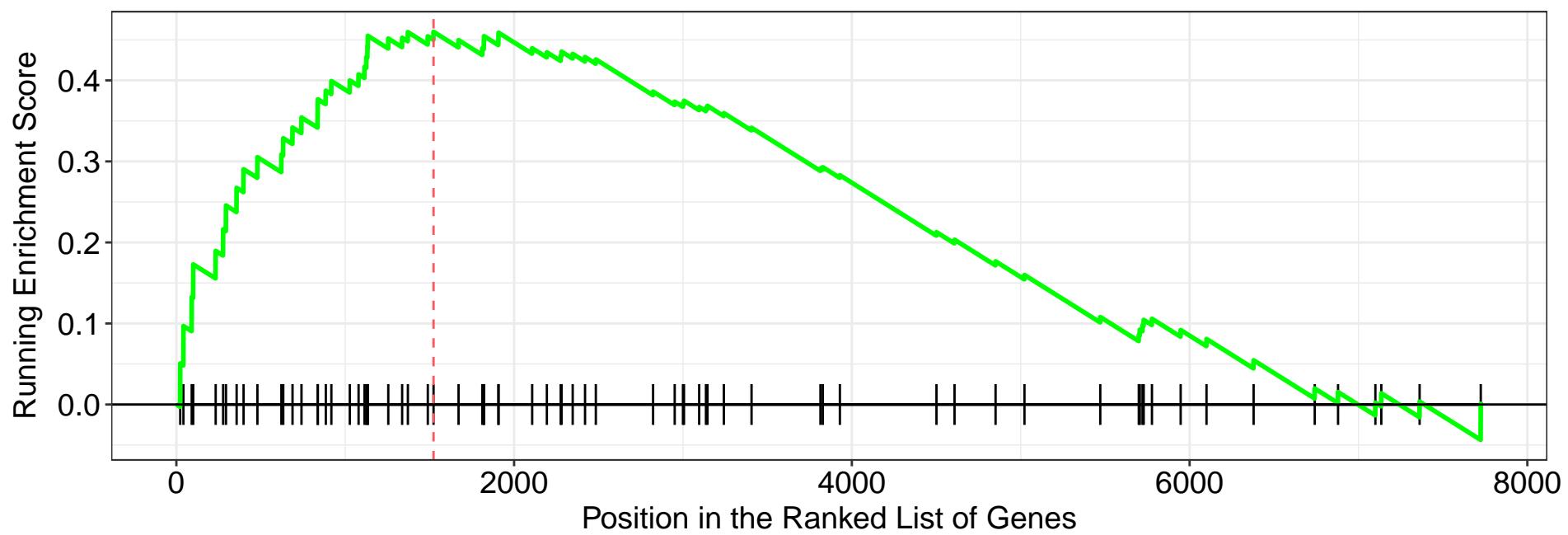
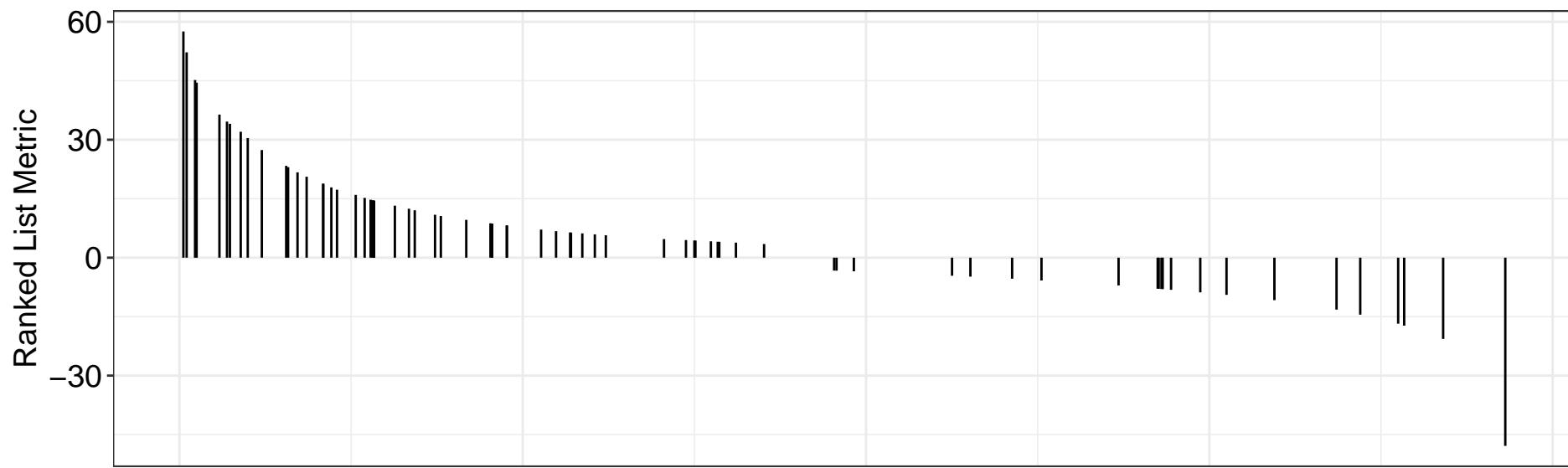
# positive regulation of cell cycle phase transition



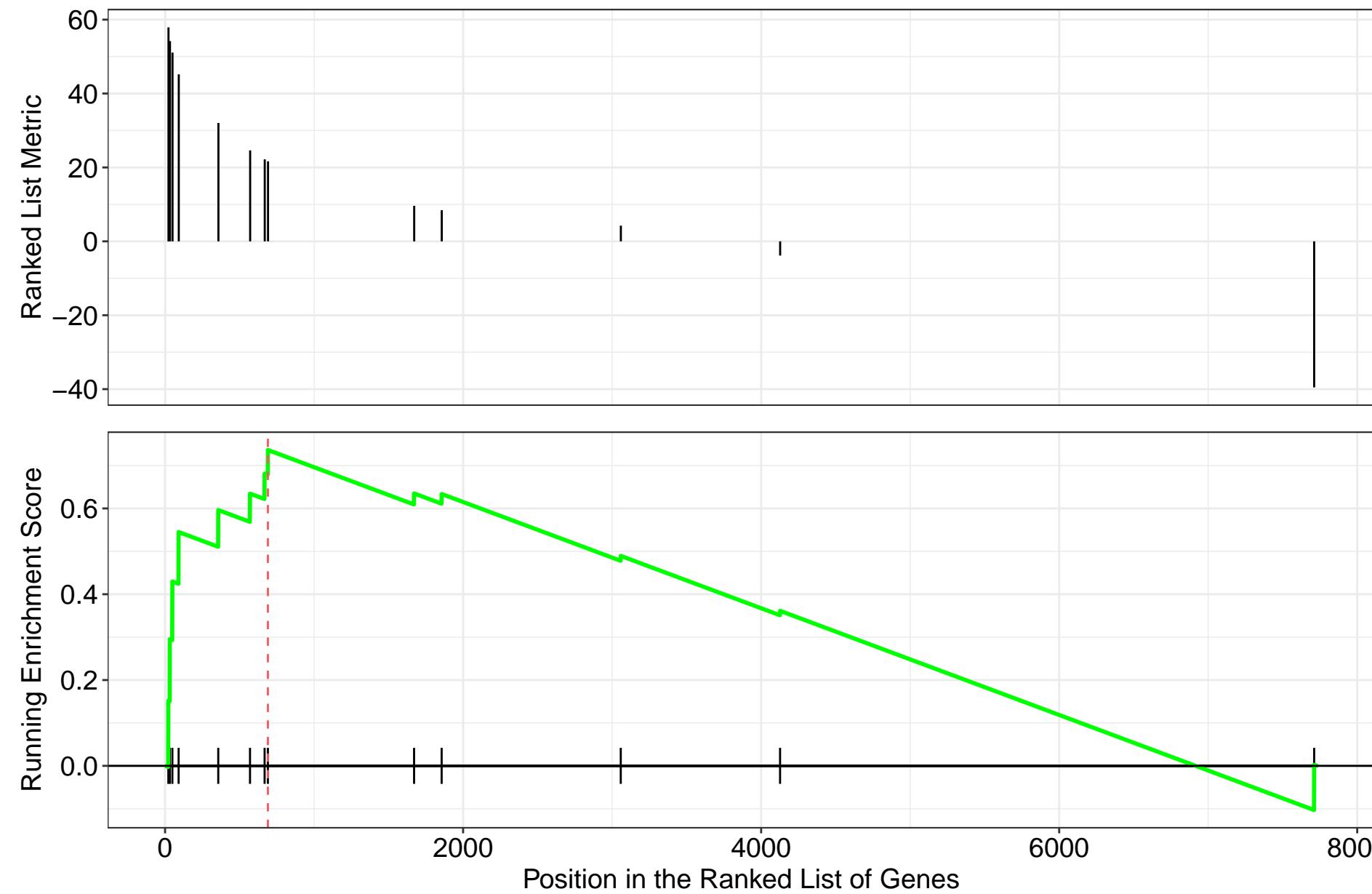
# lymphocyte differentiation



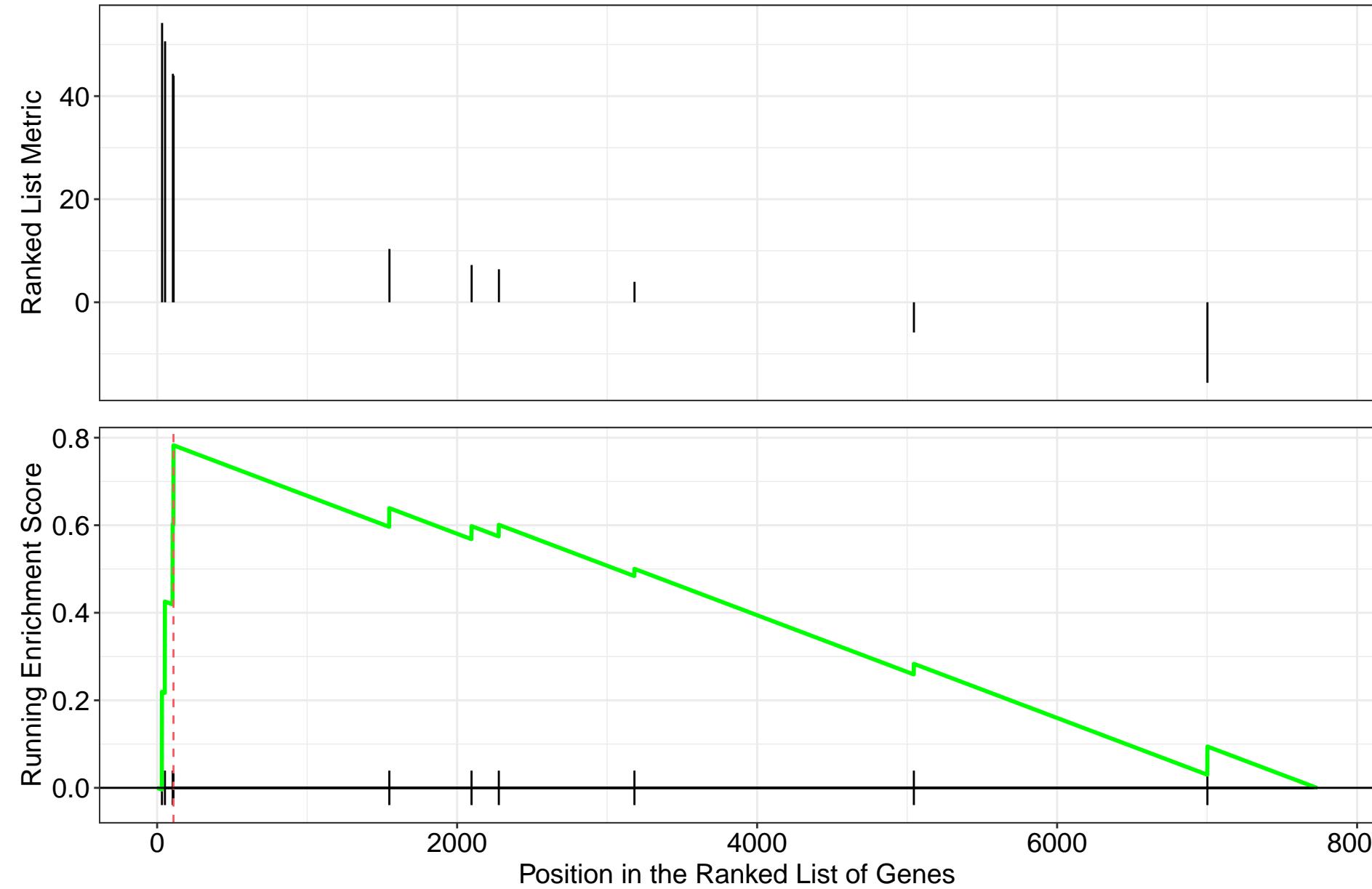
# positive regulation of lymphocyte differentiation



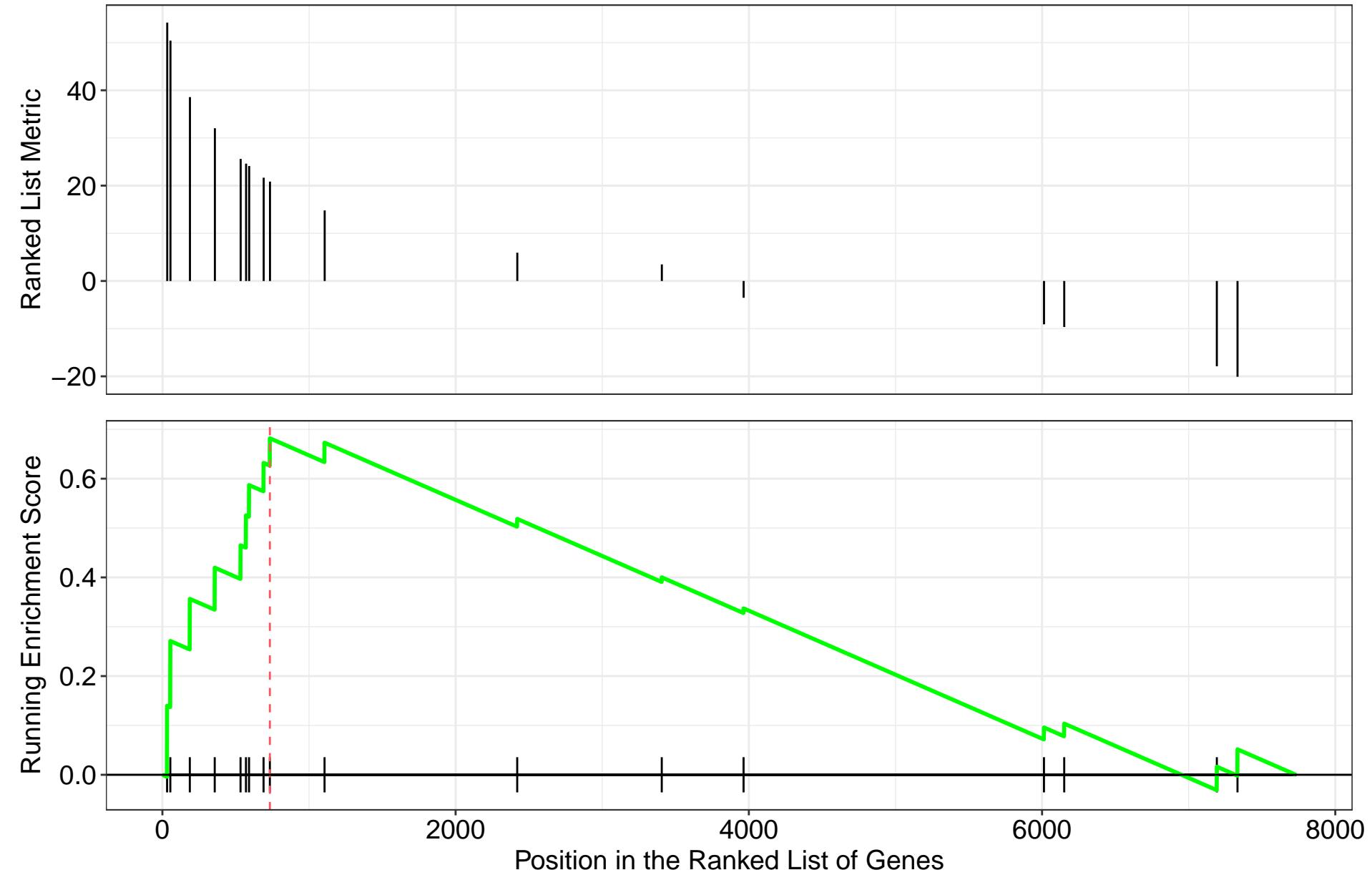
# positive regulation of acute inflammatory response



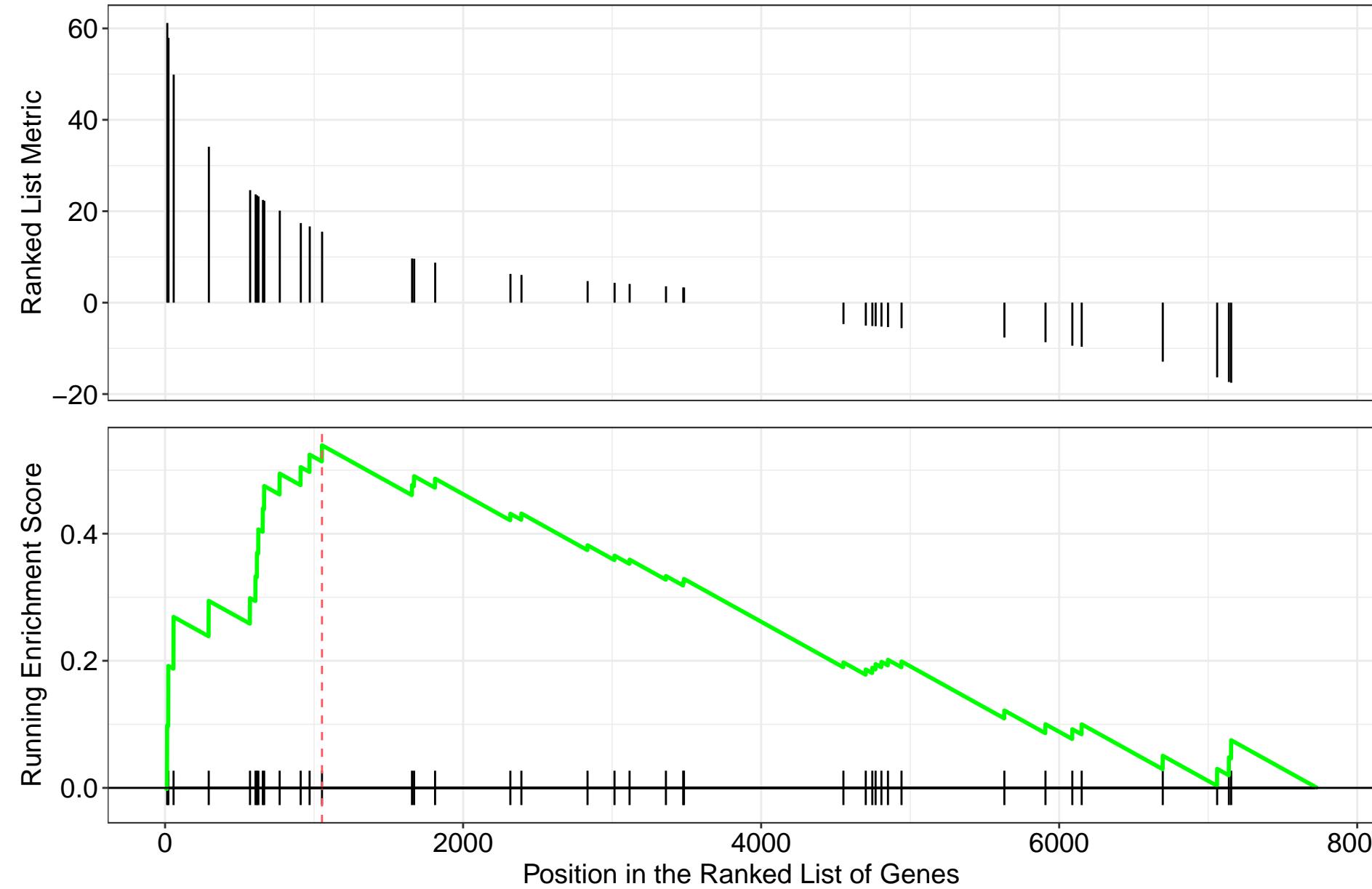
# positive regulation of prostaglandin secretion



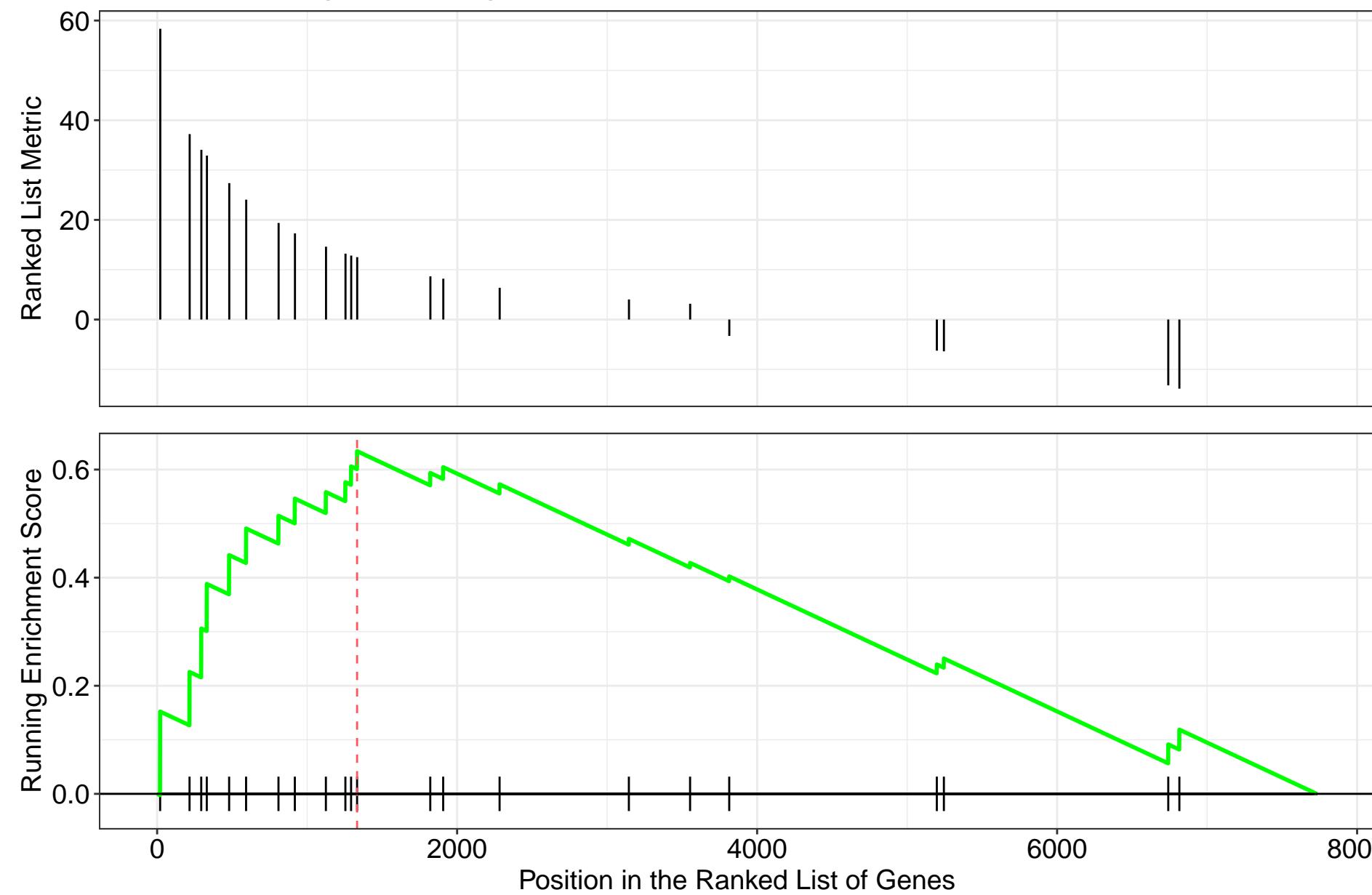
# regulation of humoral immune response



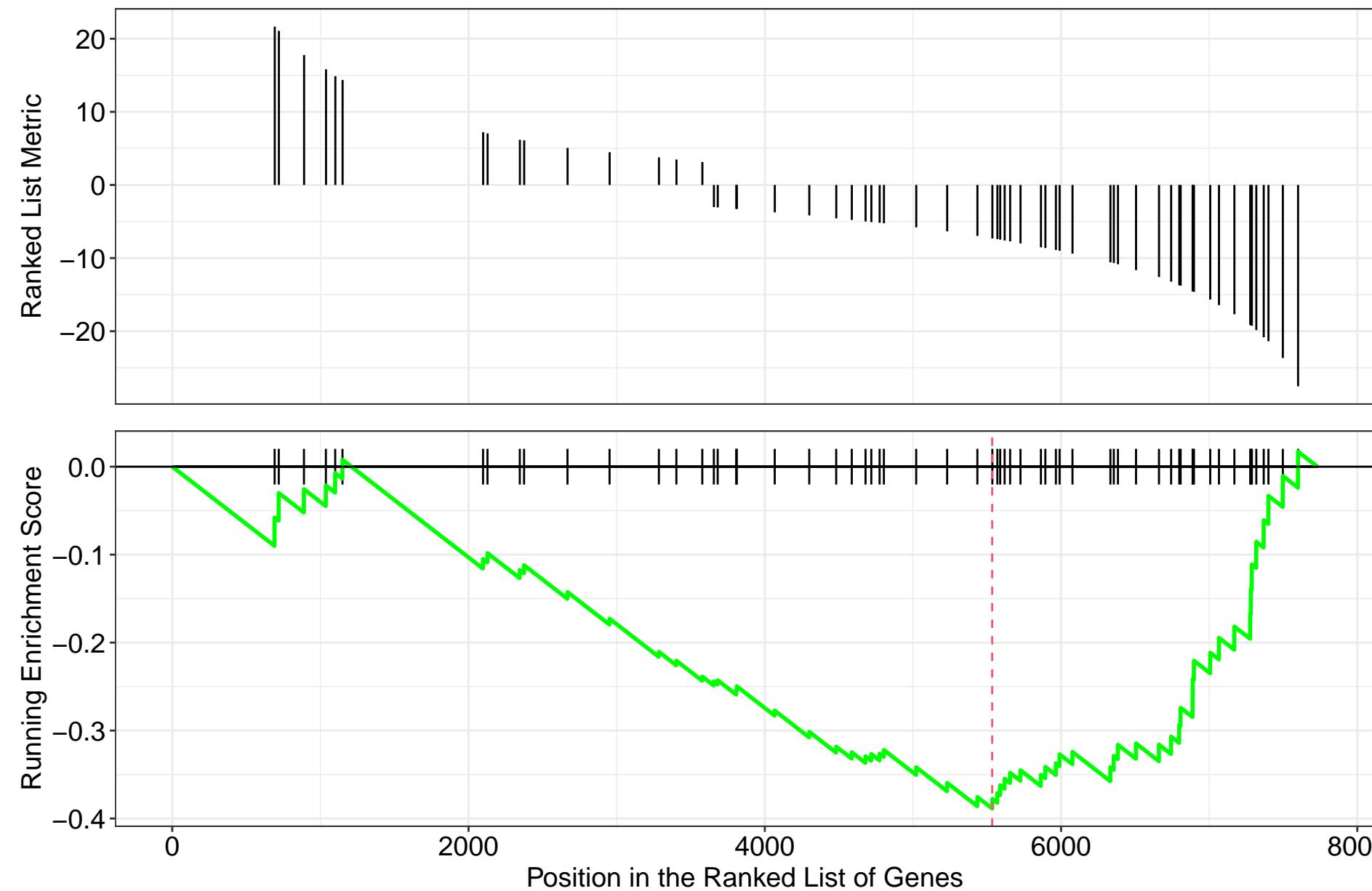
# regulation of osteoclast differentiation



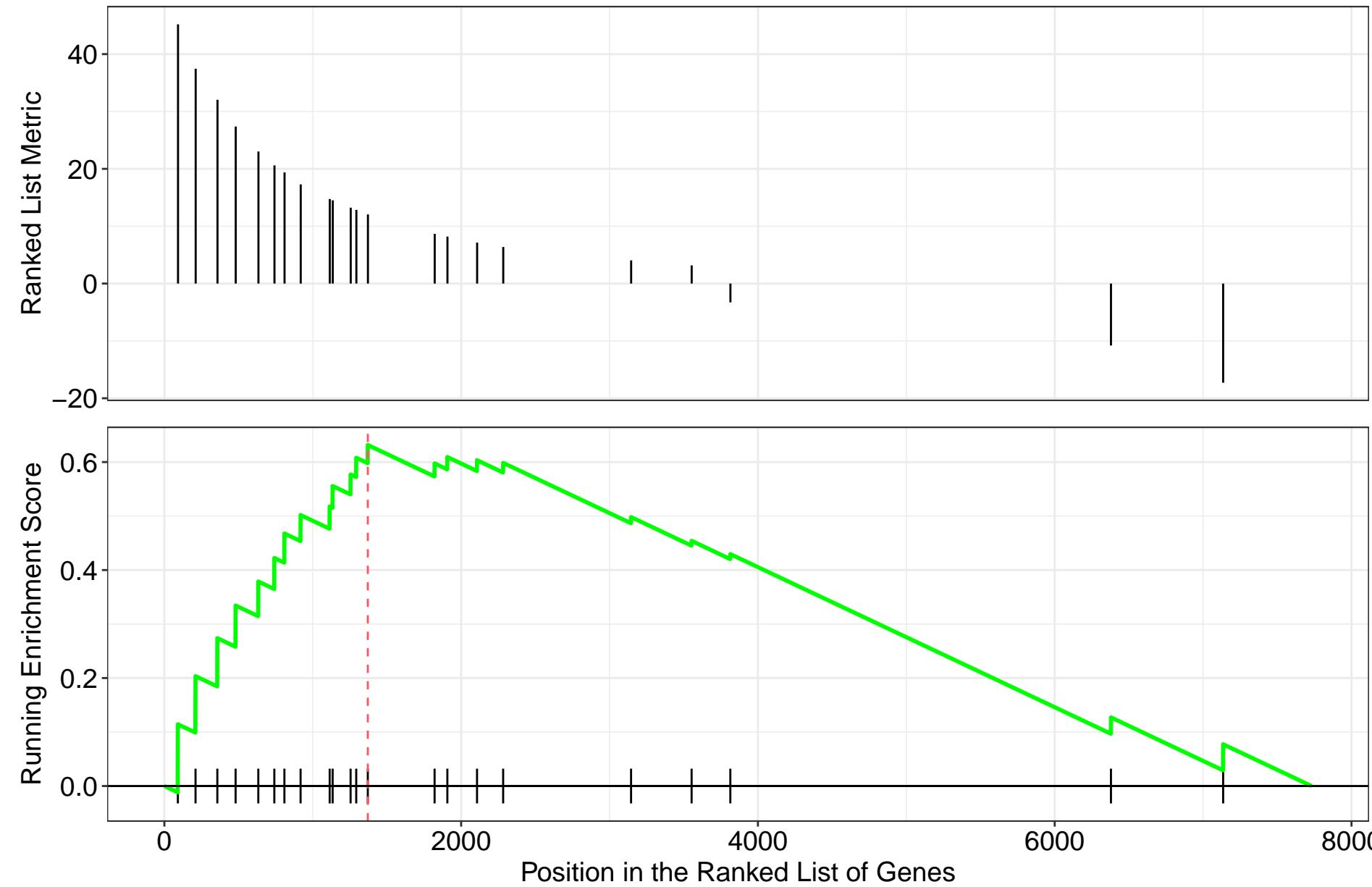
# negative regulation of alpha–beta T cell activation



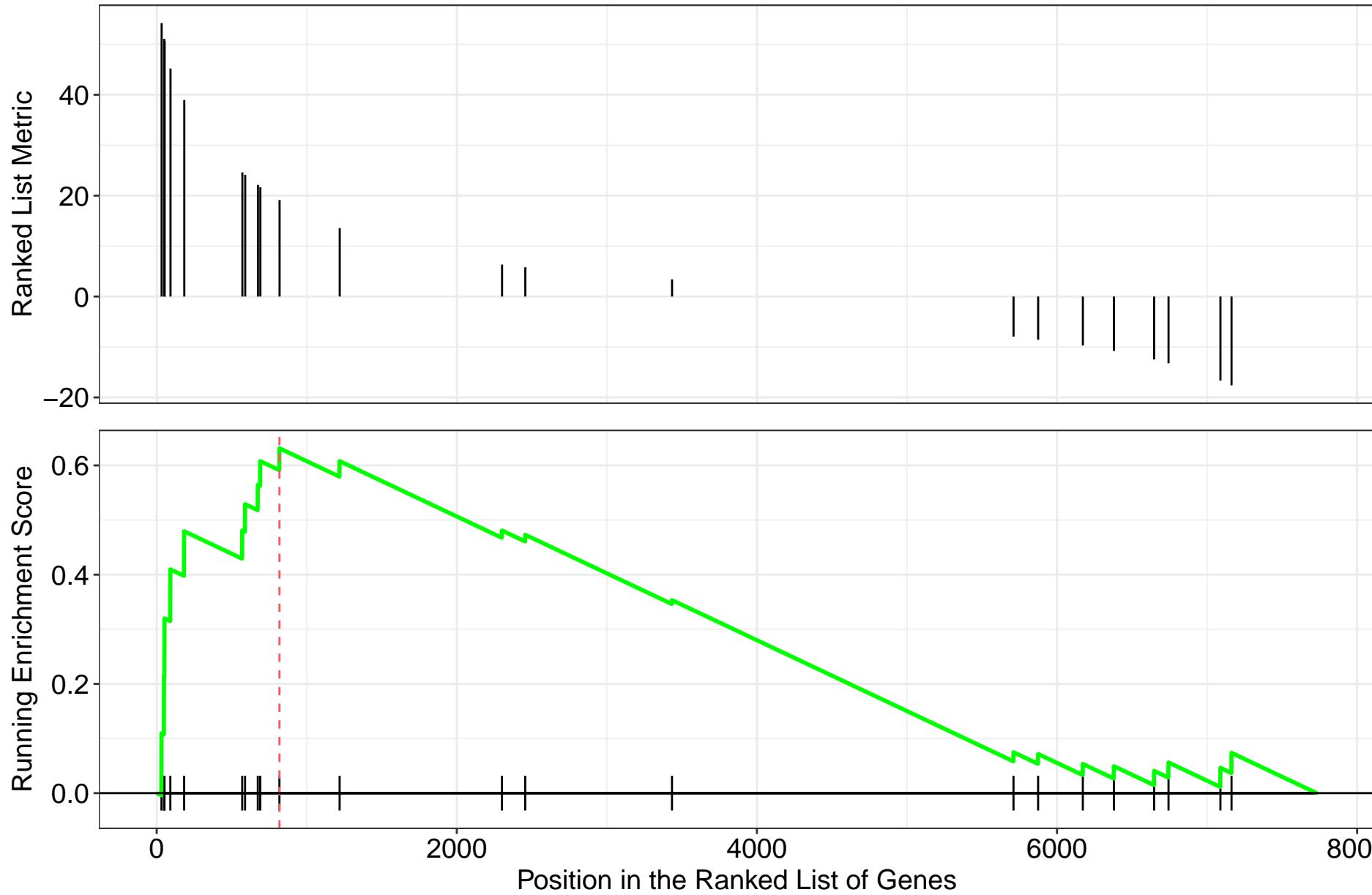
# DNA integrity checkpoint signaling



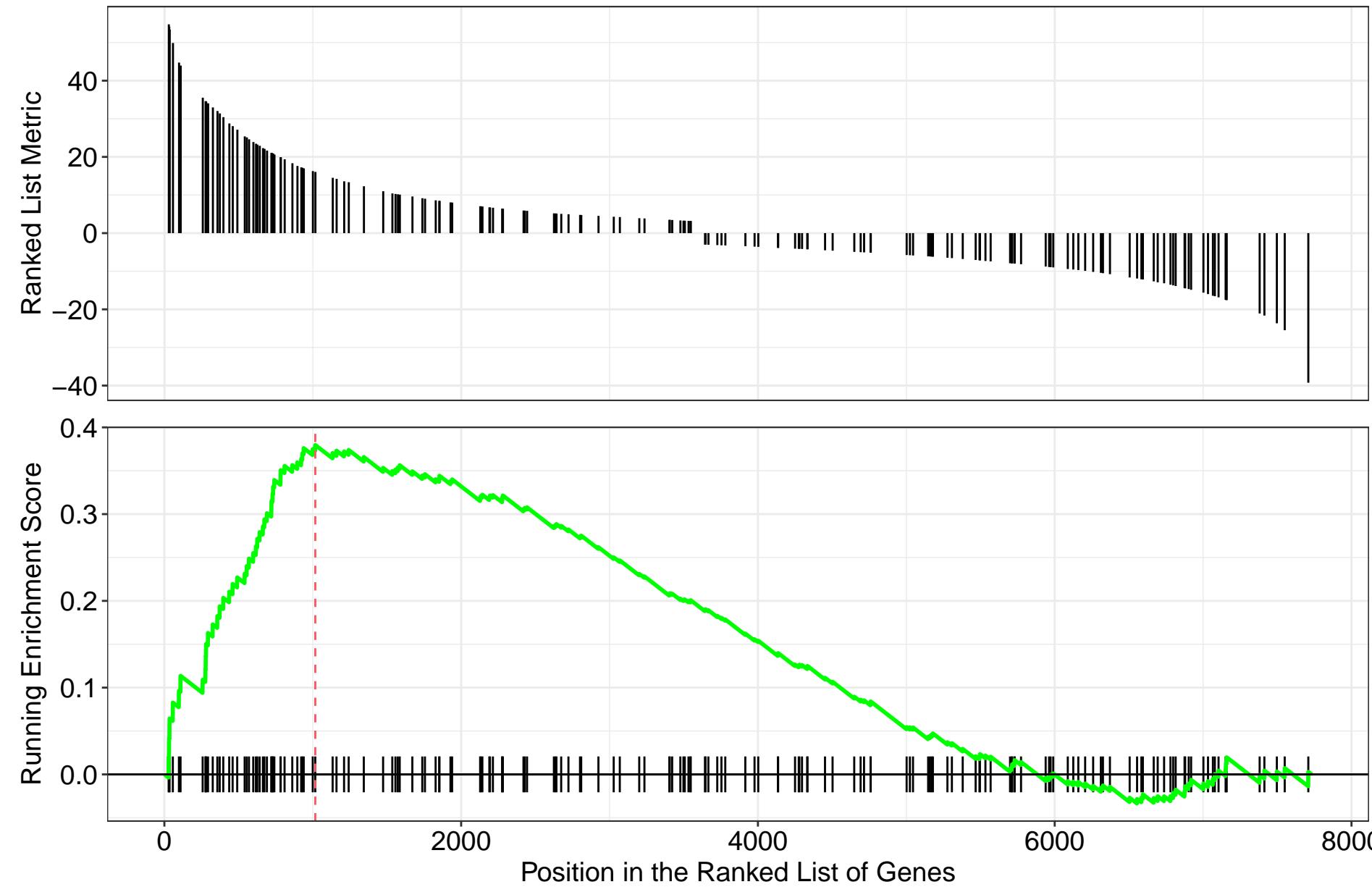
# regulation of T-helper cell differentiation



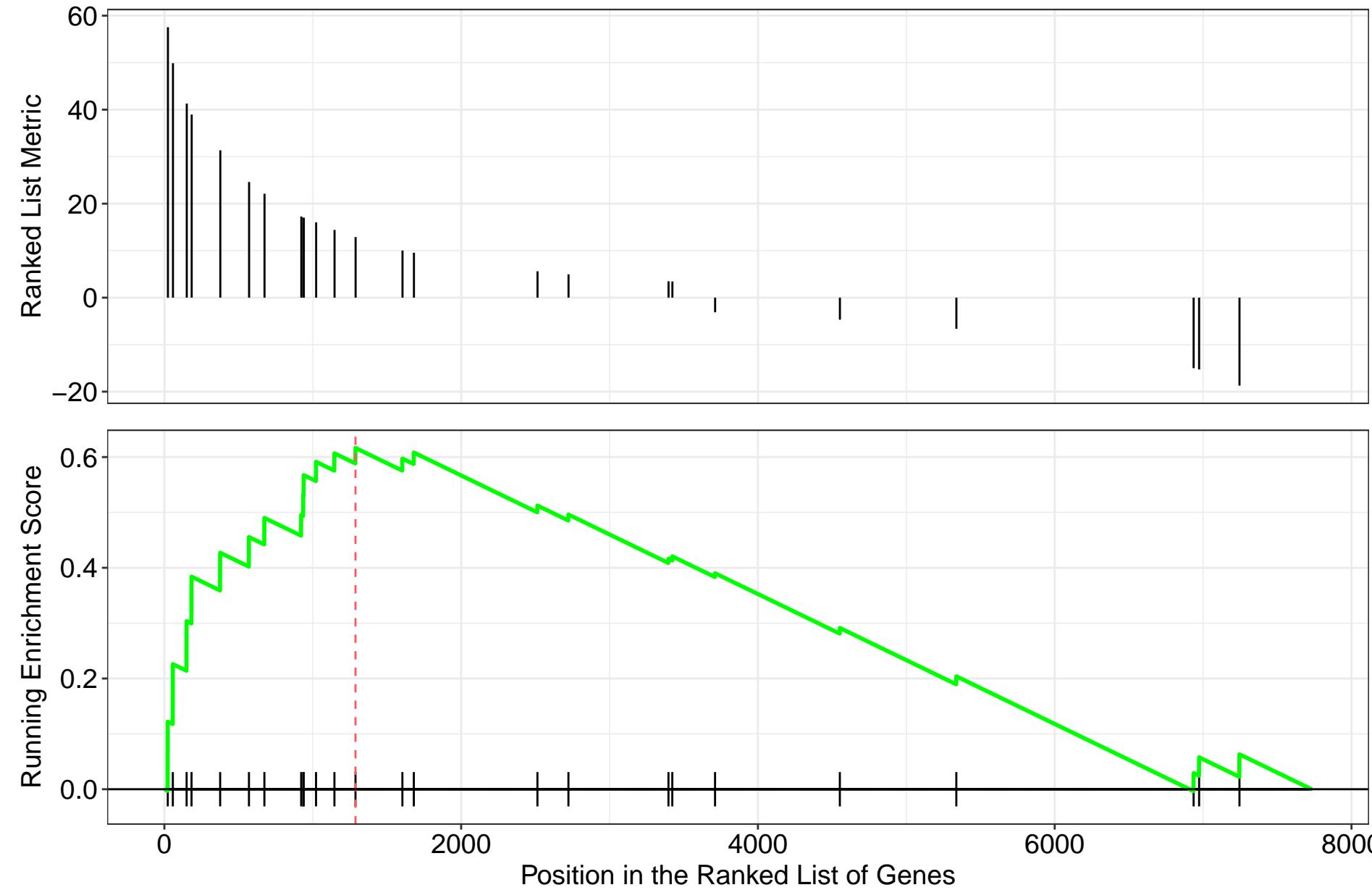
# vascular endothelial growth factor production



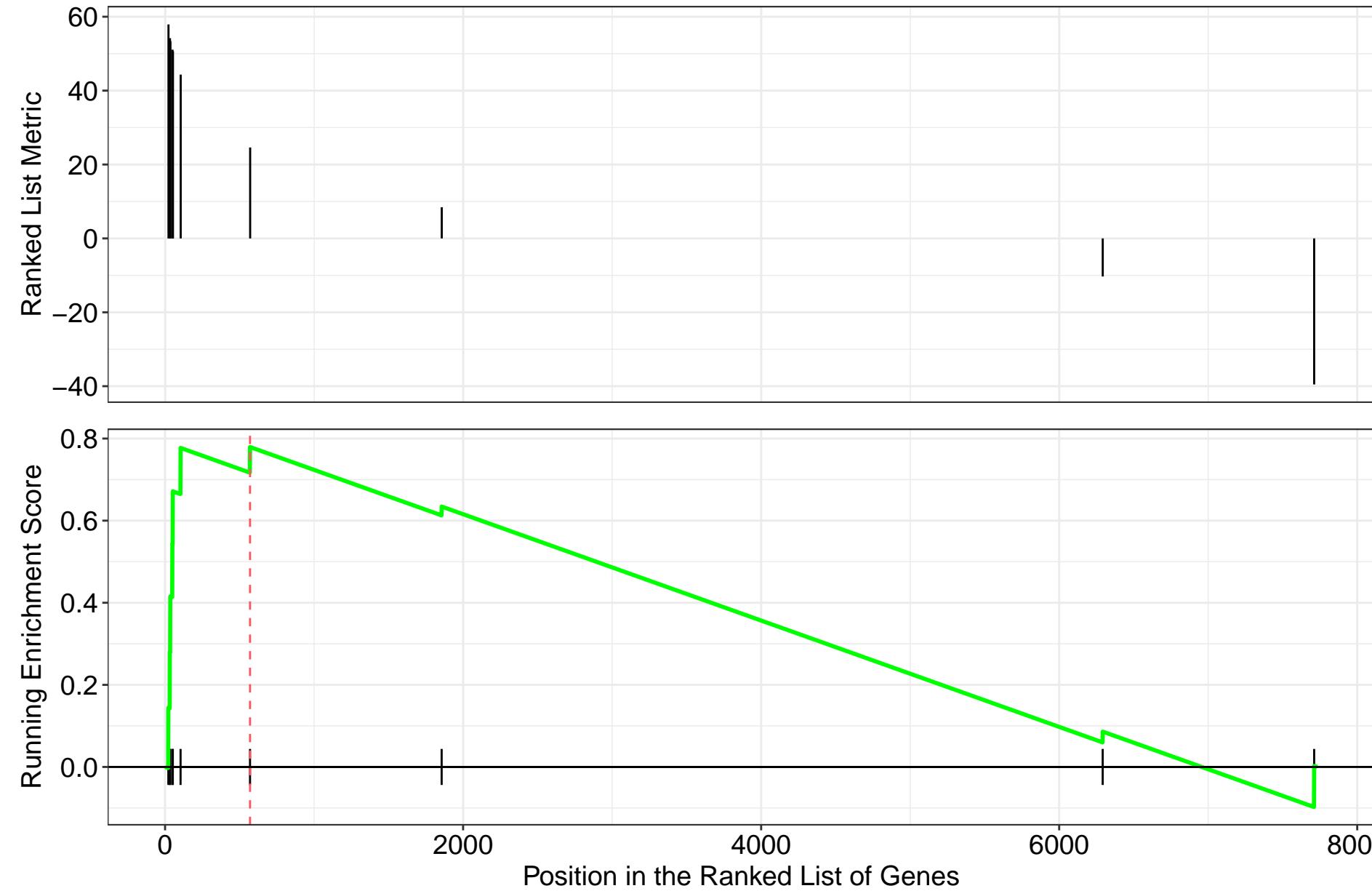
# positive regulation of protein kinase activity



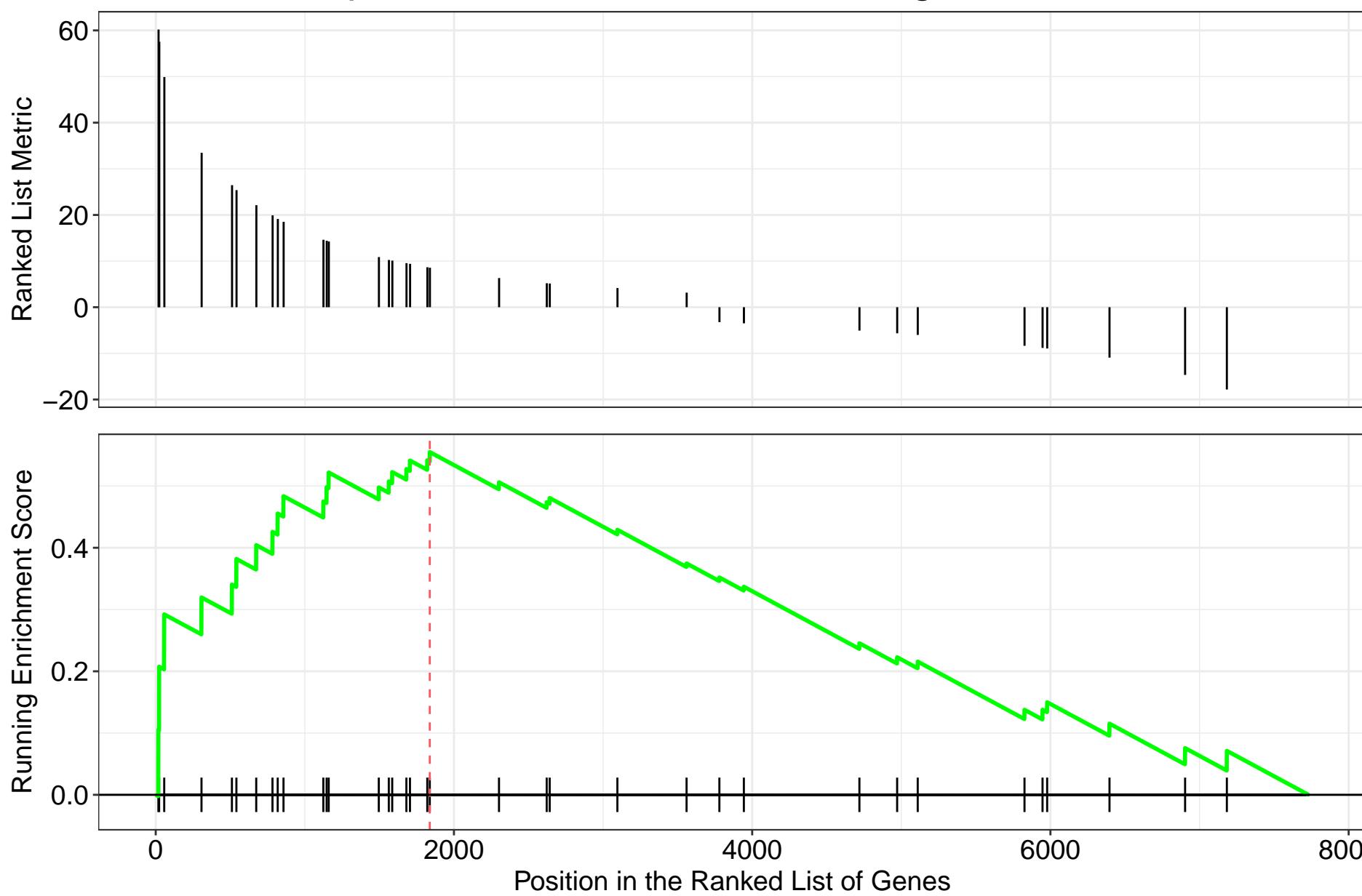
# negative regulation of endothelial cell proliferation



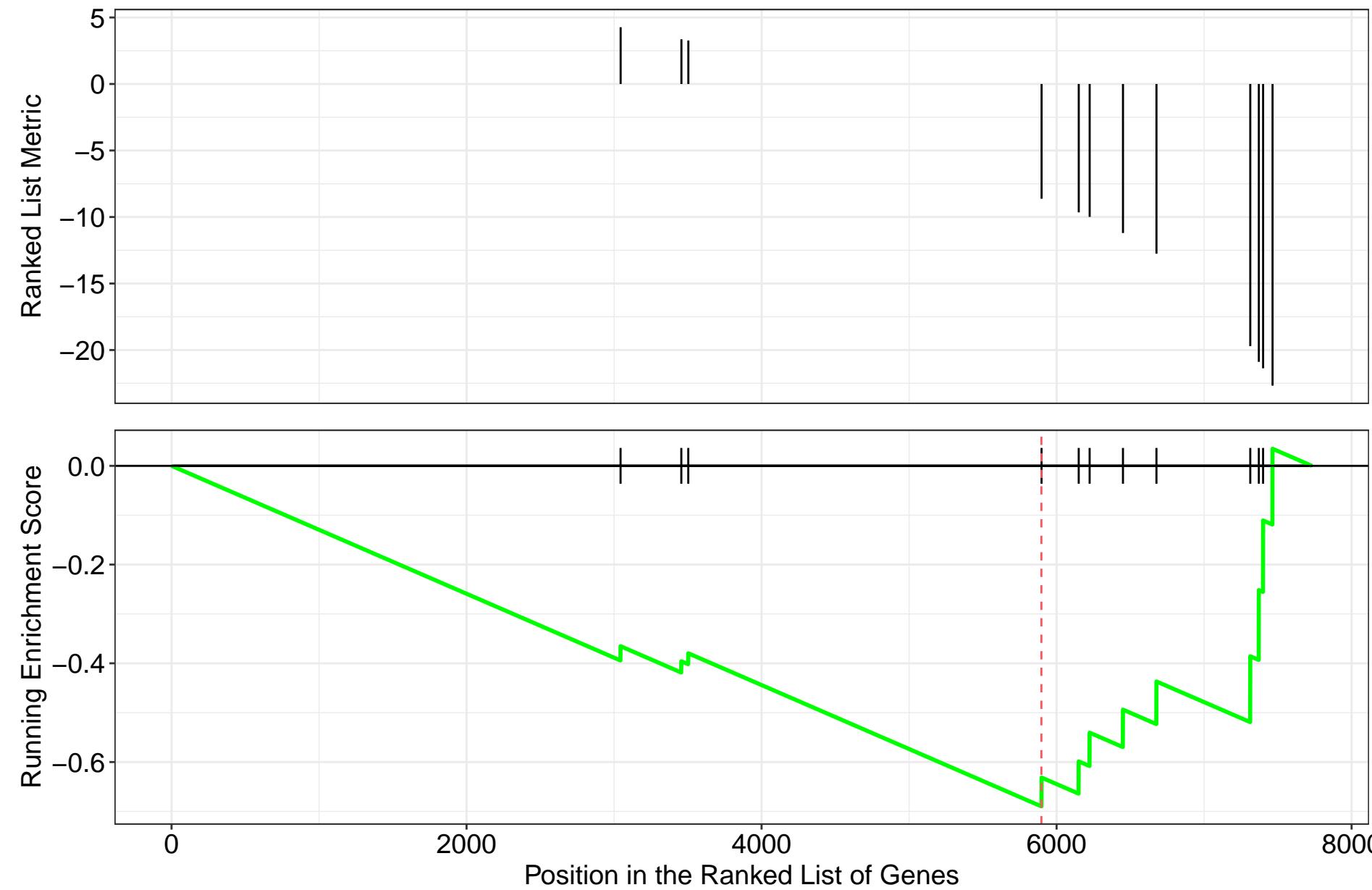
# fever generation



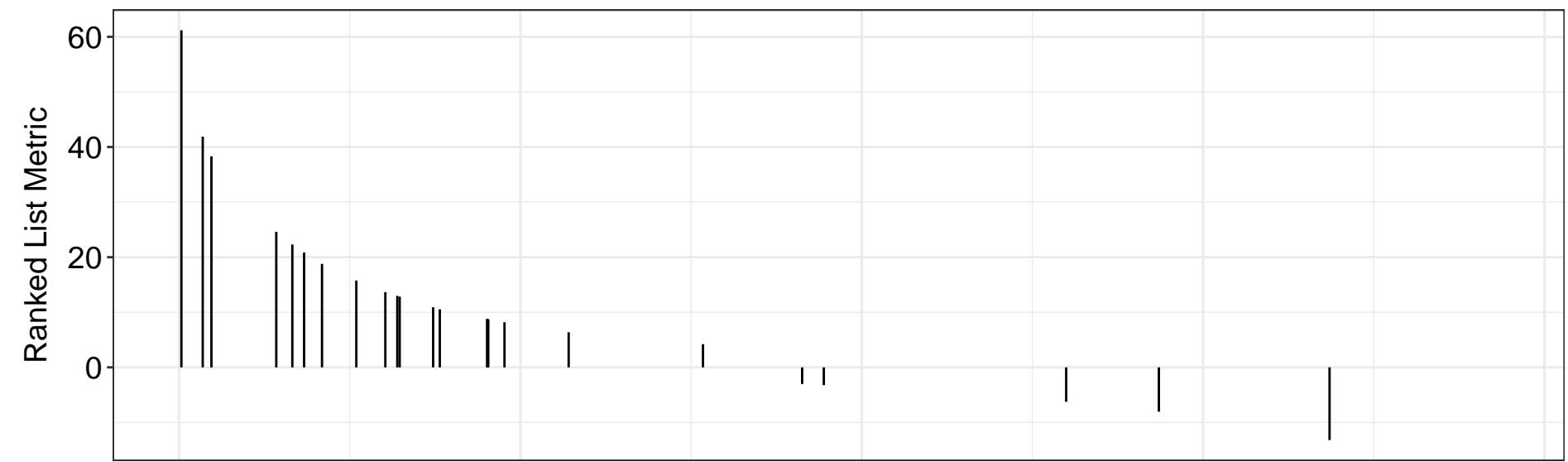
# cellular response to vascular endothelial growth factor stimulus



# regulation of ubiquitin protein ligase activity

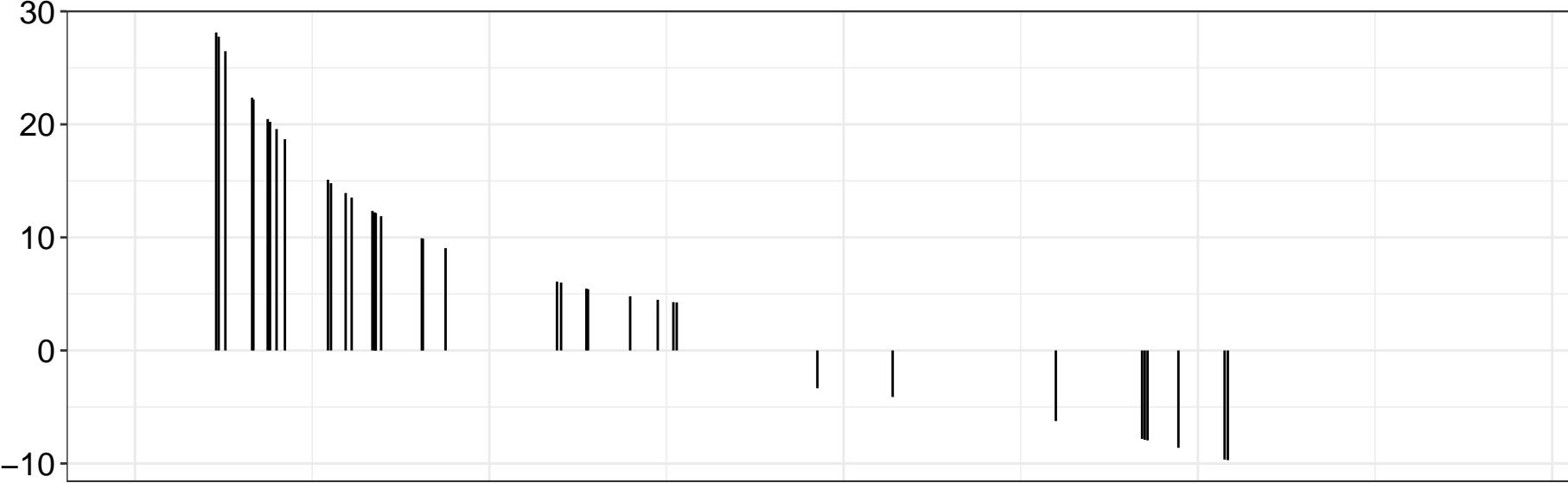


# negative regulation of cytokine production involved in immune response

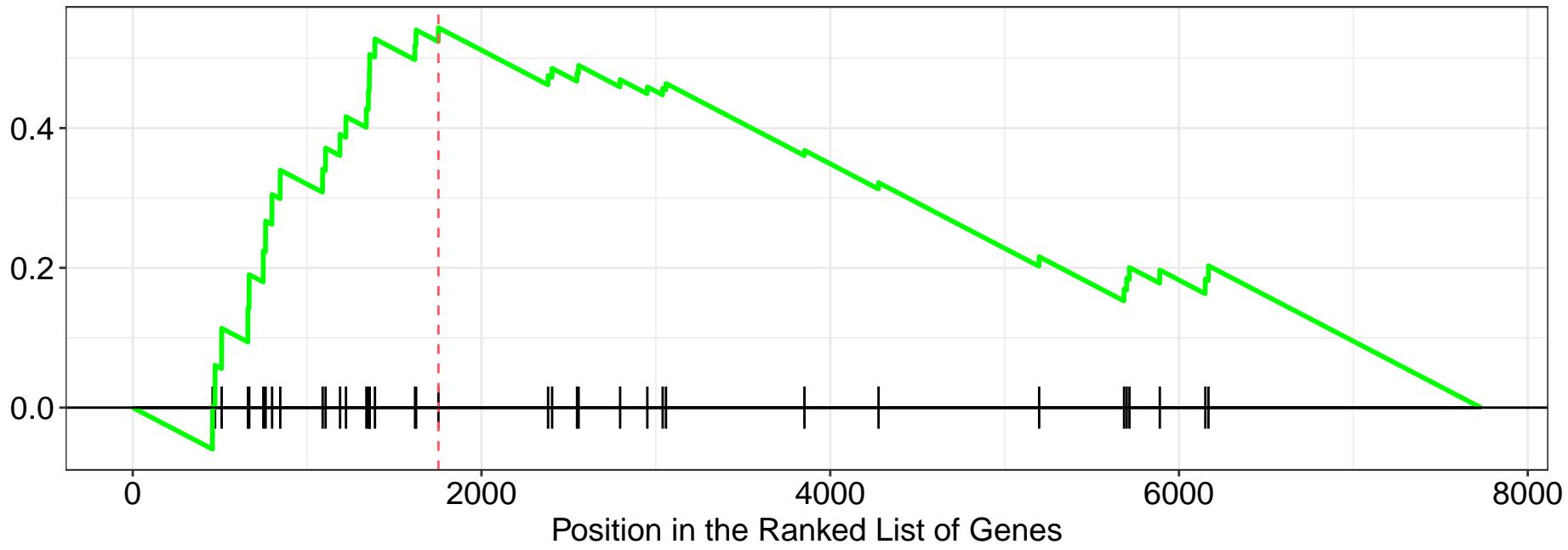


# antigen processing and presentation of peptide antigen

Ranked List Metric

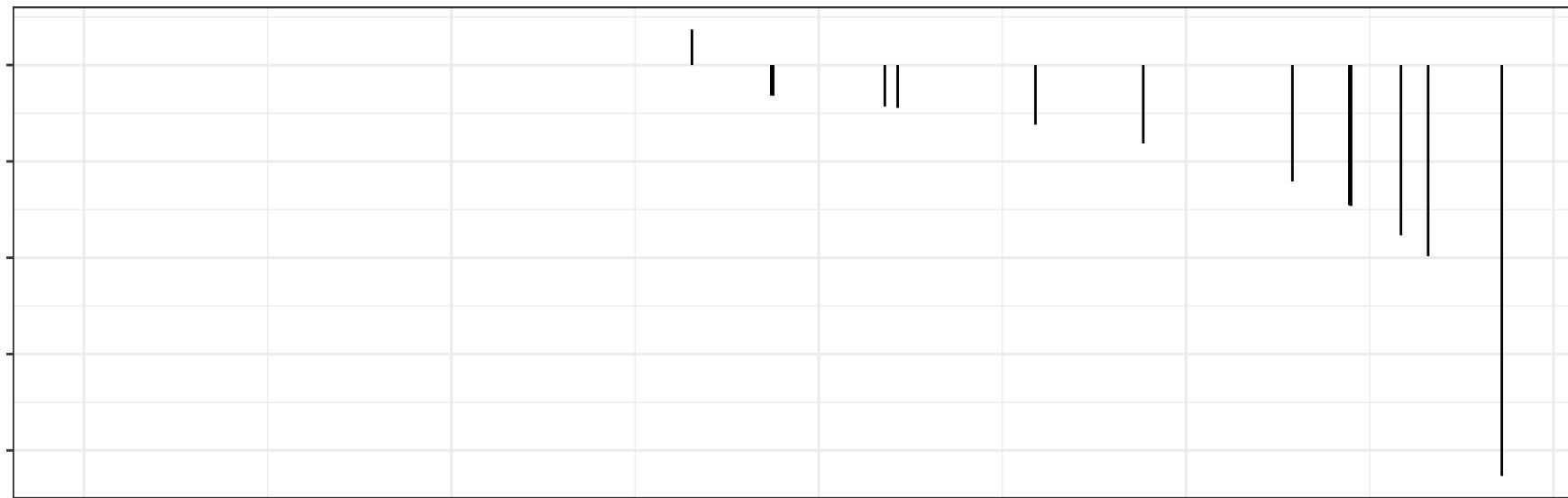


Running Enrichment Score

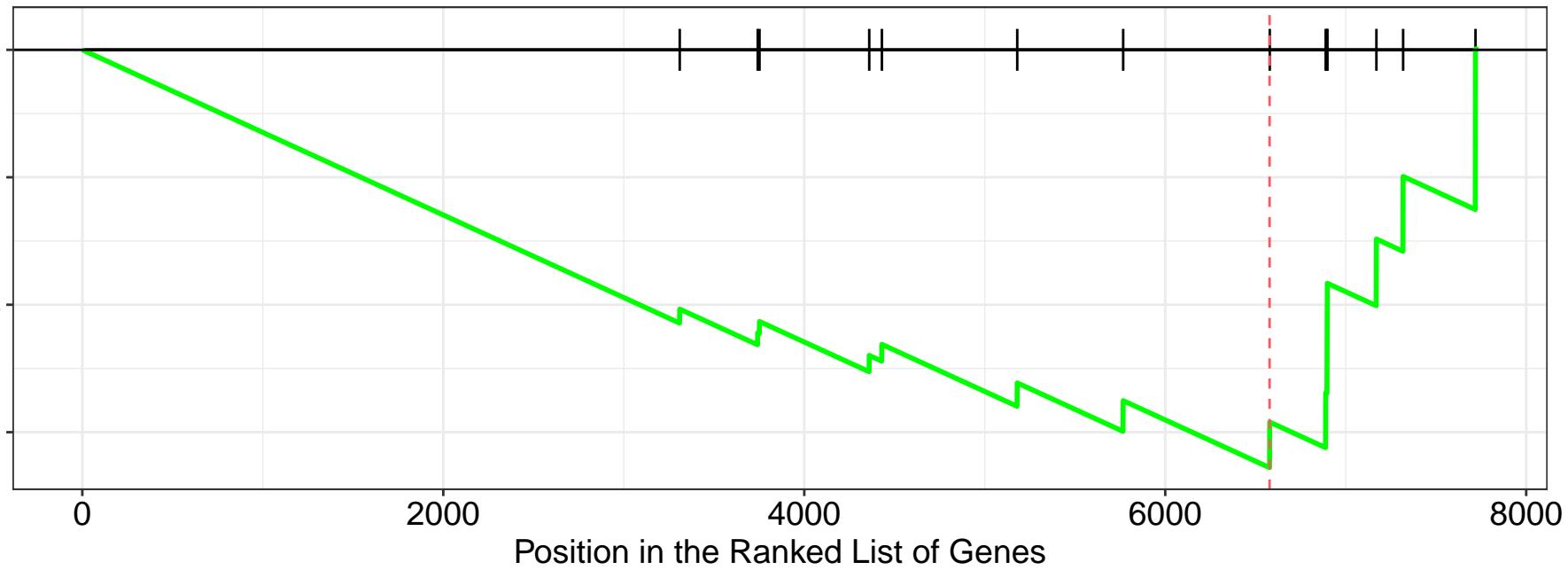


# mitotic recombination

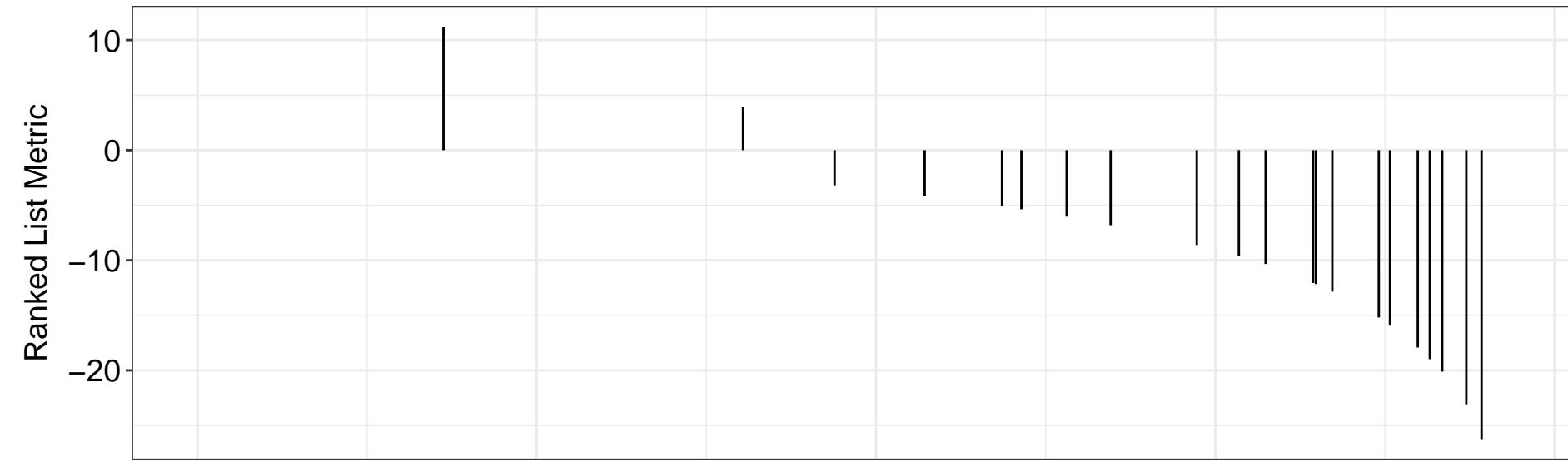
Ranked List Metric



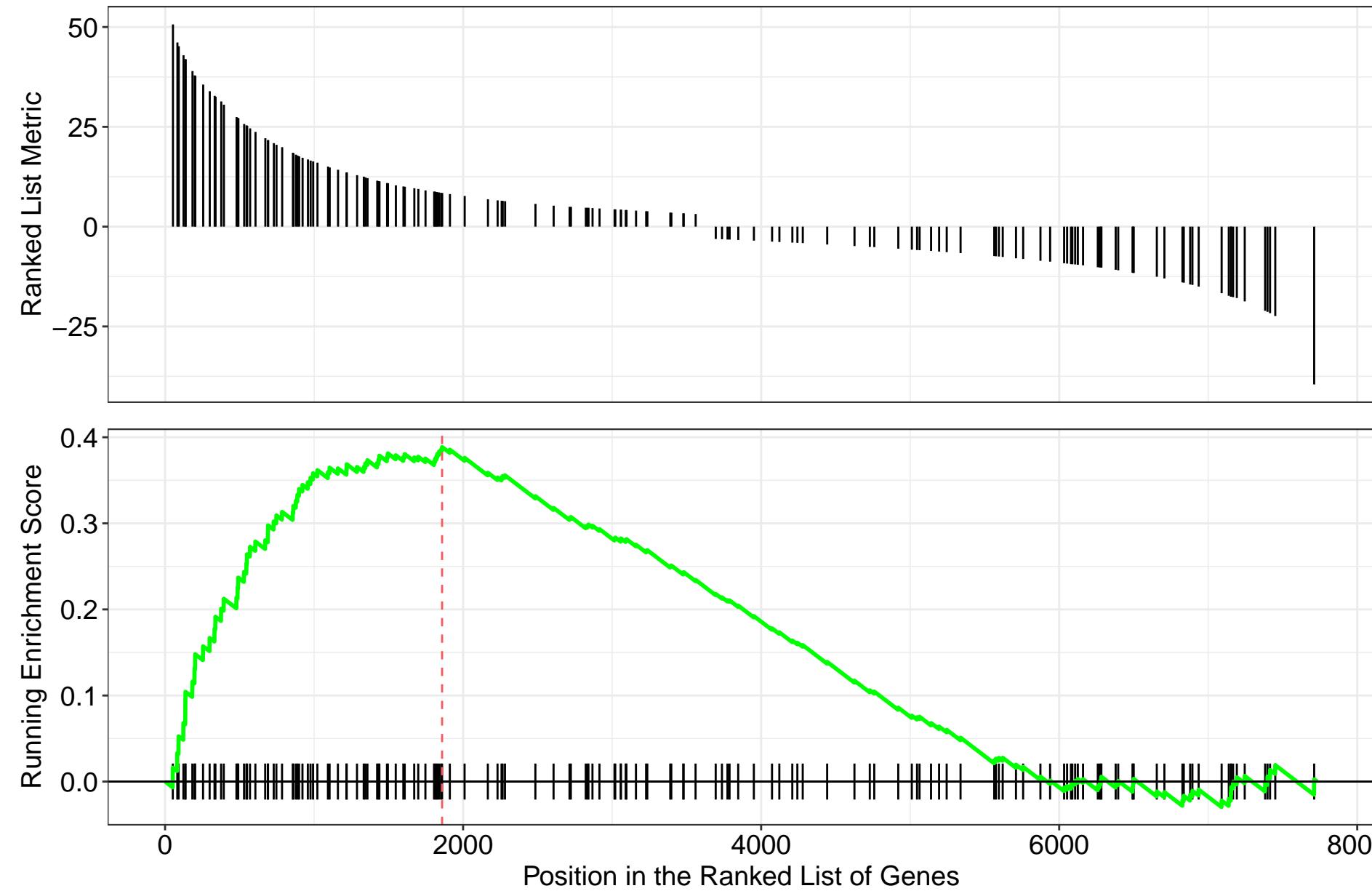
Running Enrichment Score



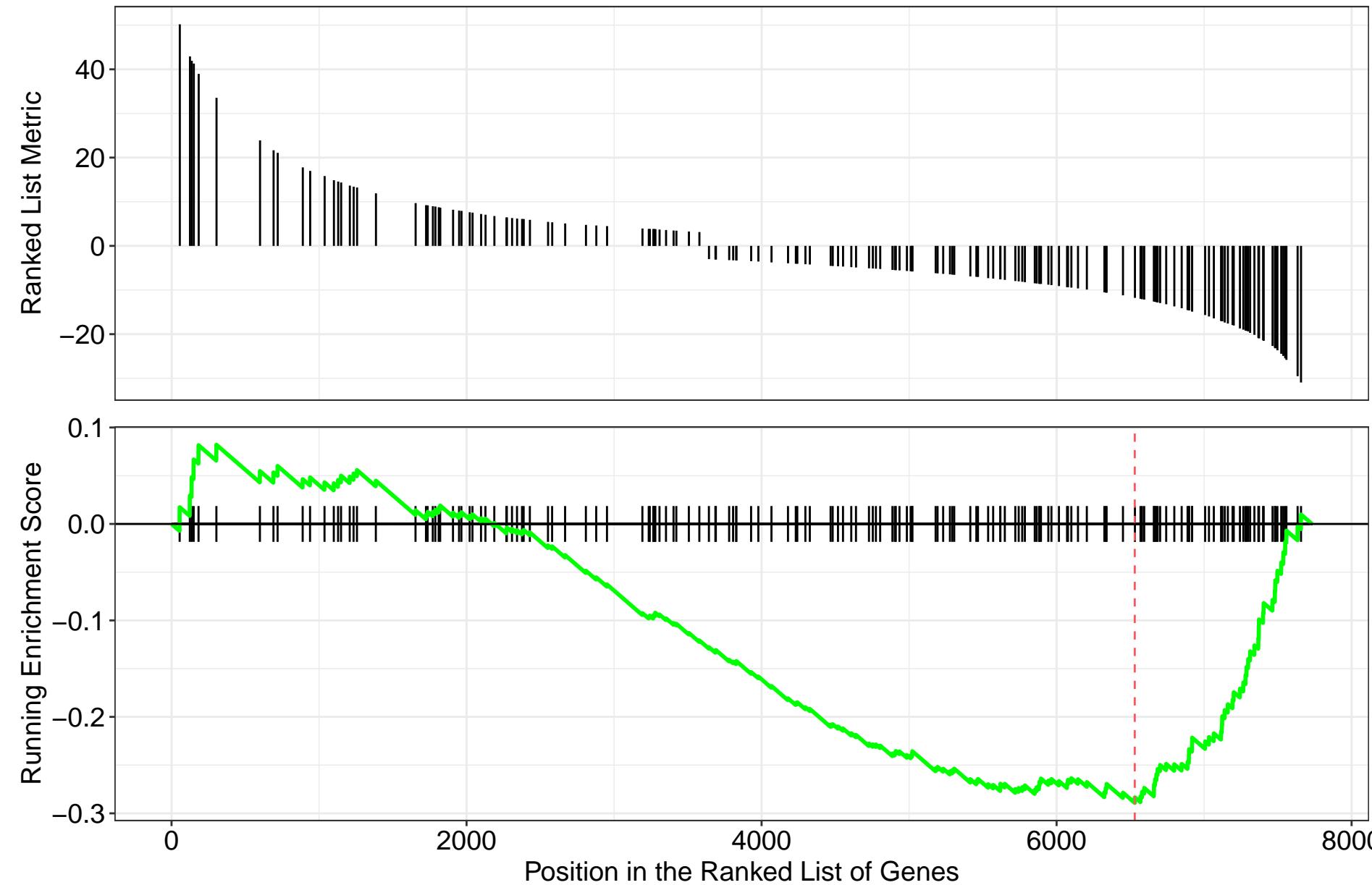
# centromere complex assembly



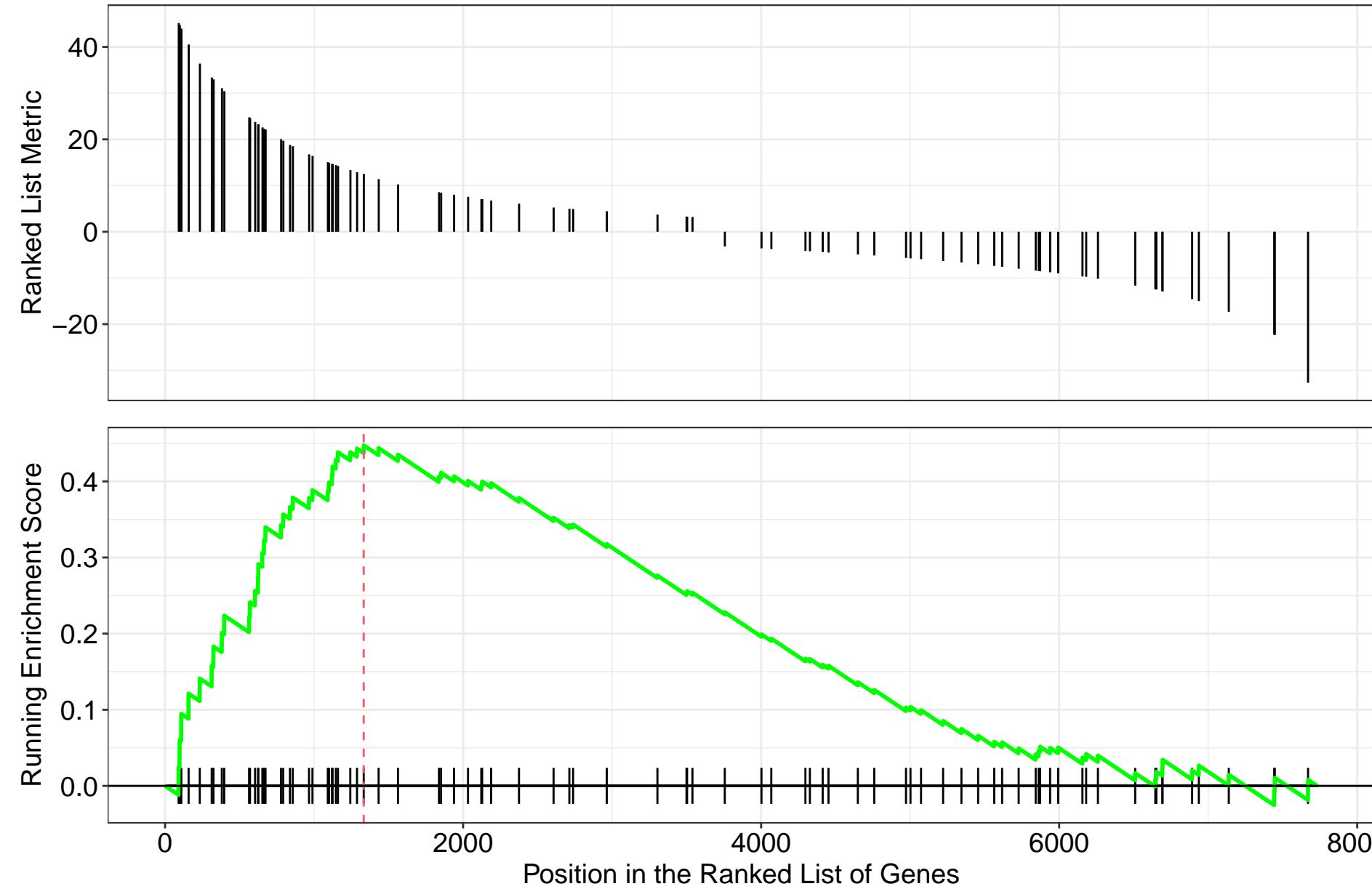
# wound healing



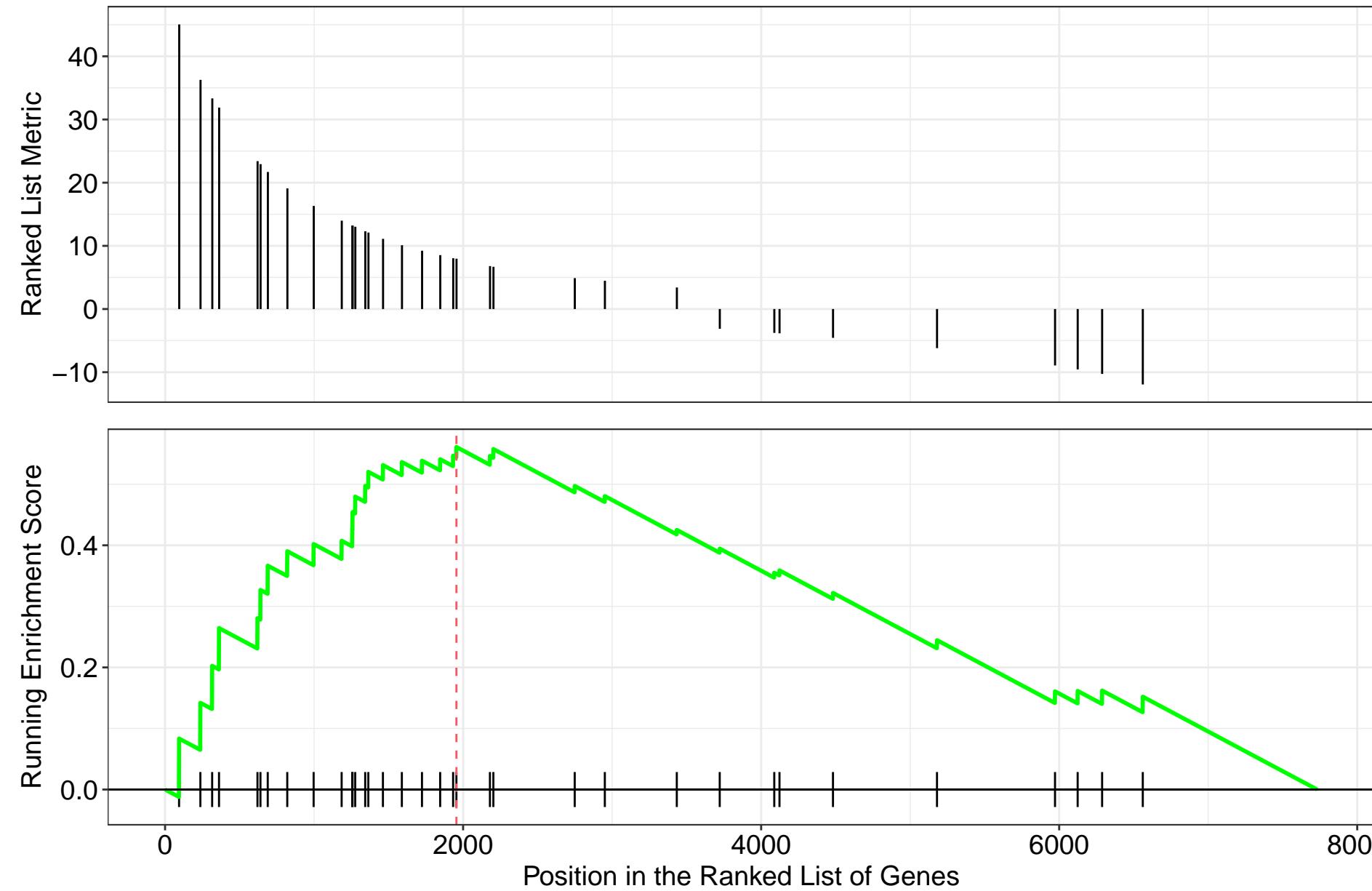
# regulation of mitotic cell cycle phase transition



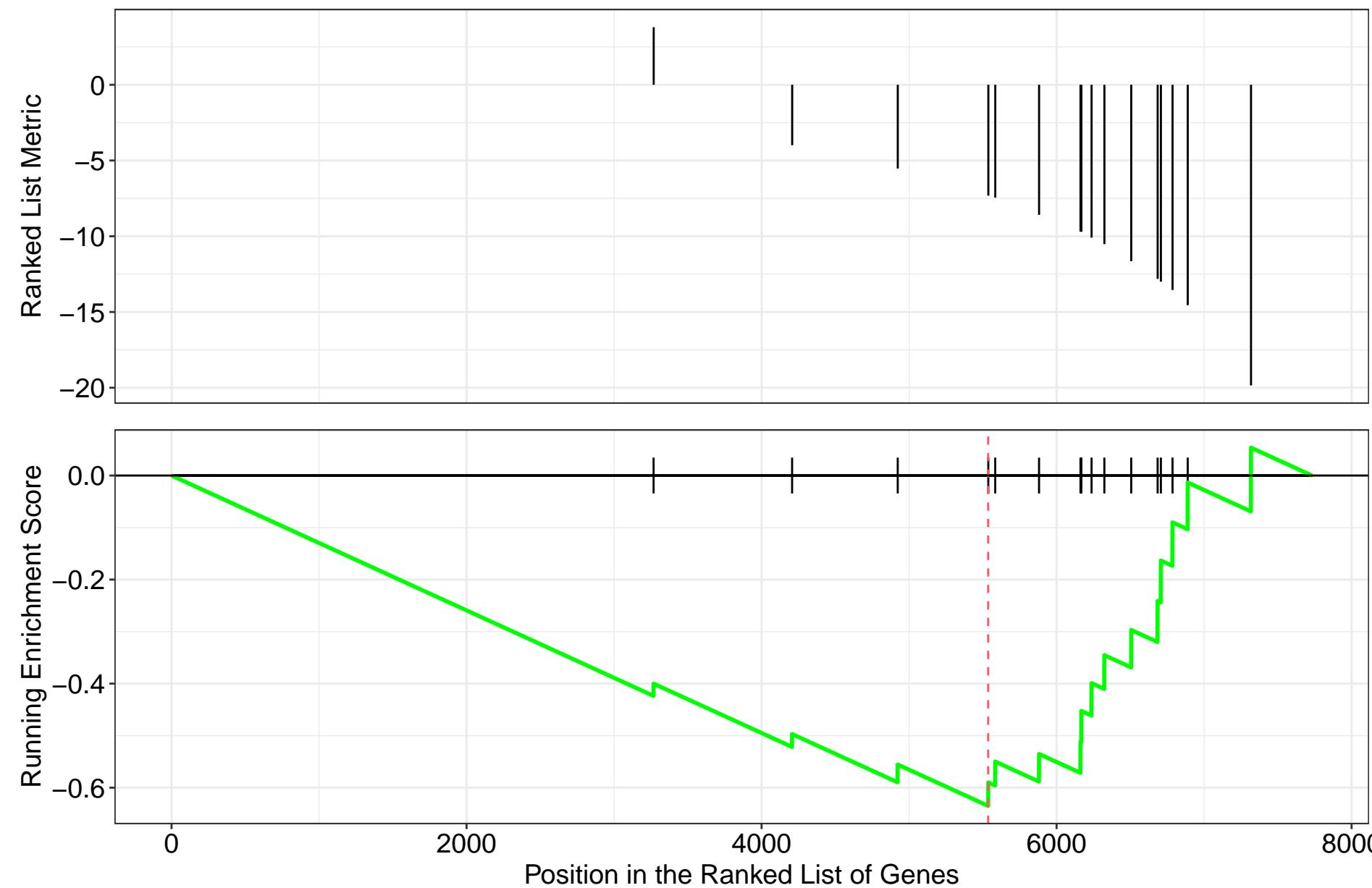
# morphogenesis of a branching epithelium



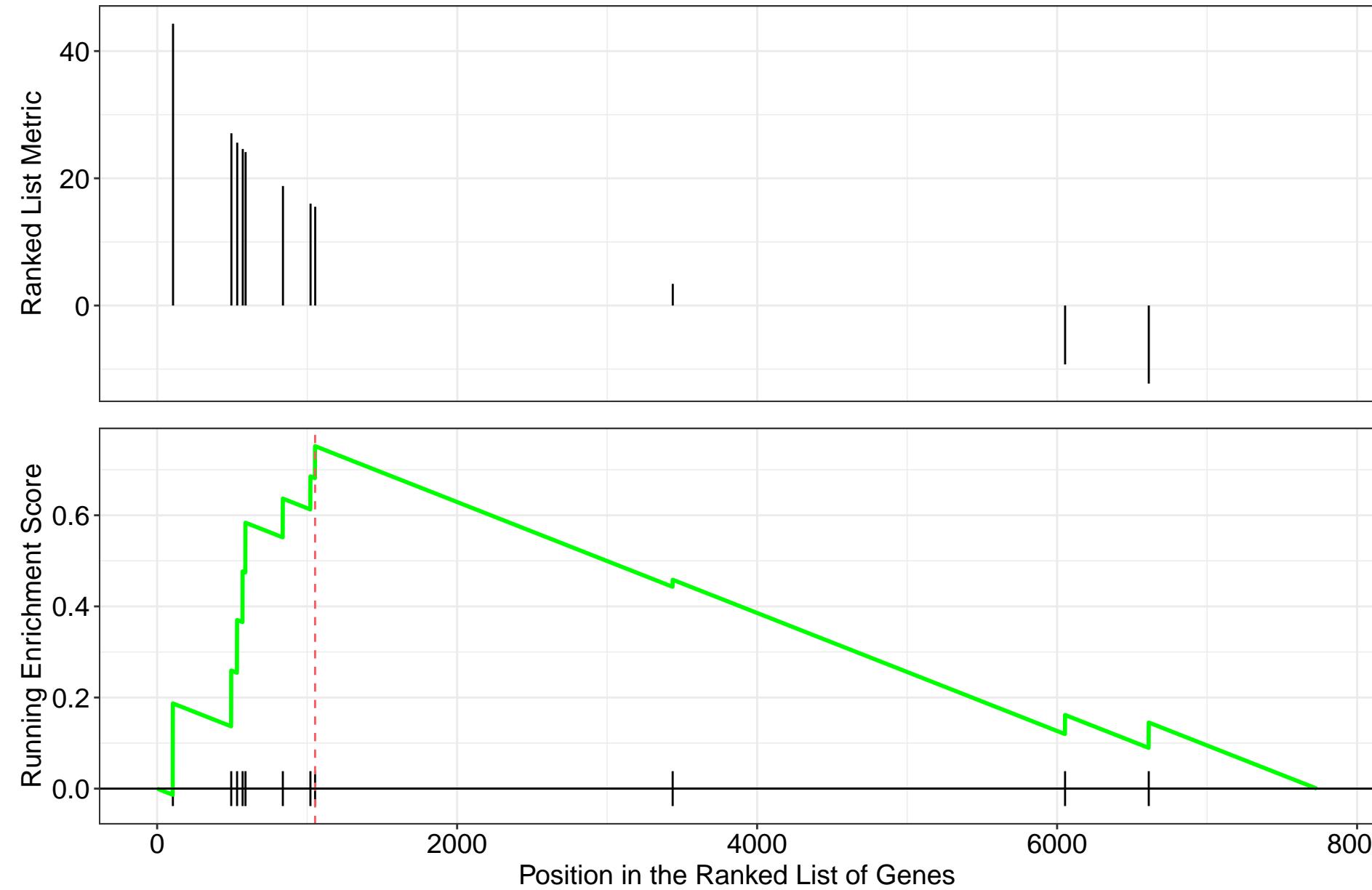
# regulation of viral entry into host cell



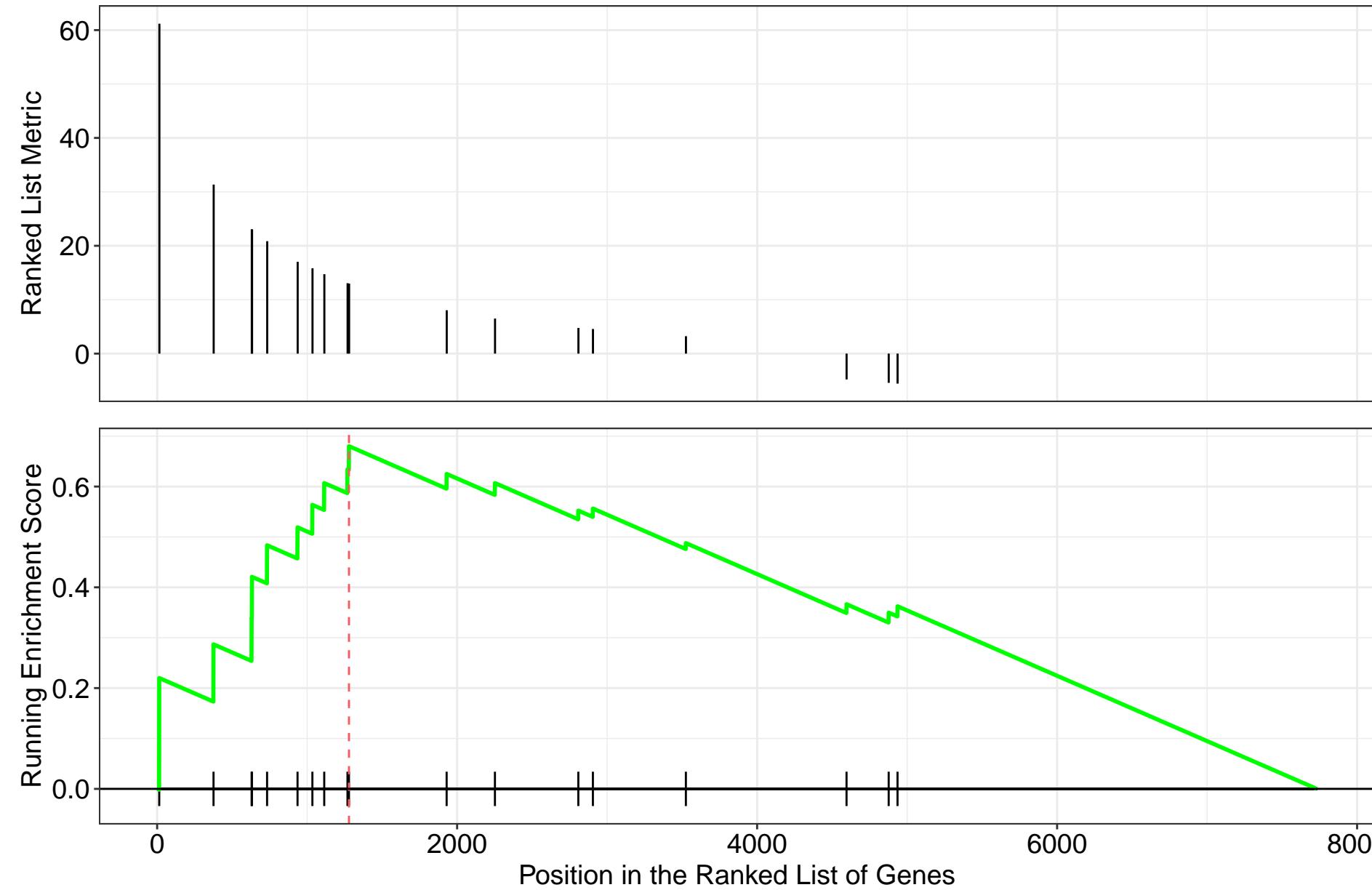
# nuclear DNA replication



# chronic inflammatory response

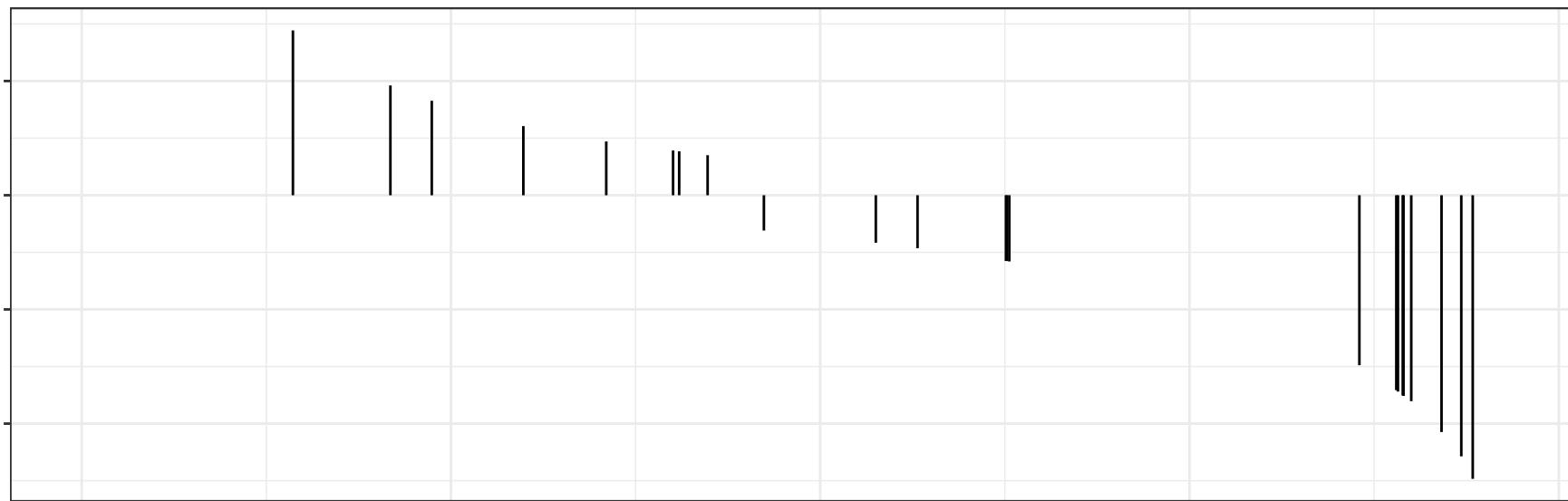


# response to exogenous dsRNA

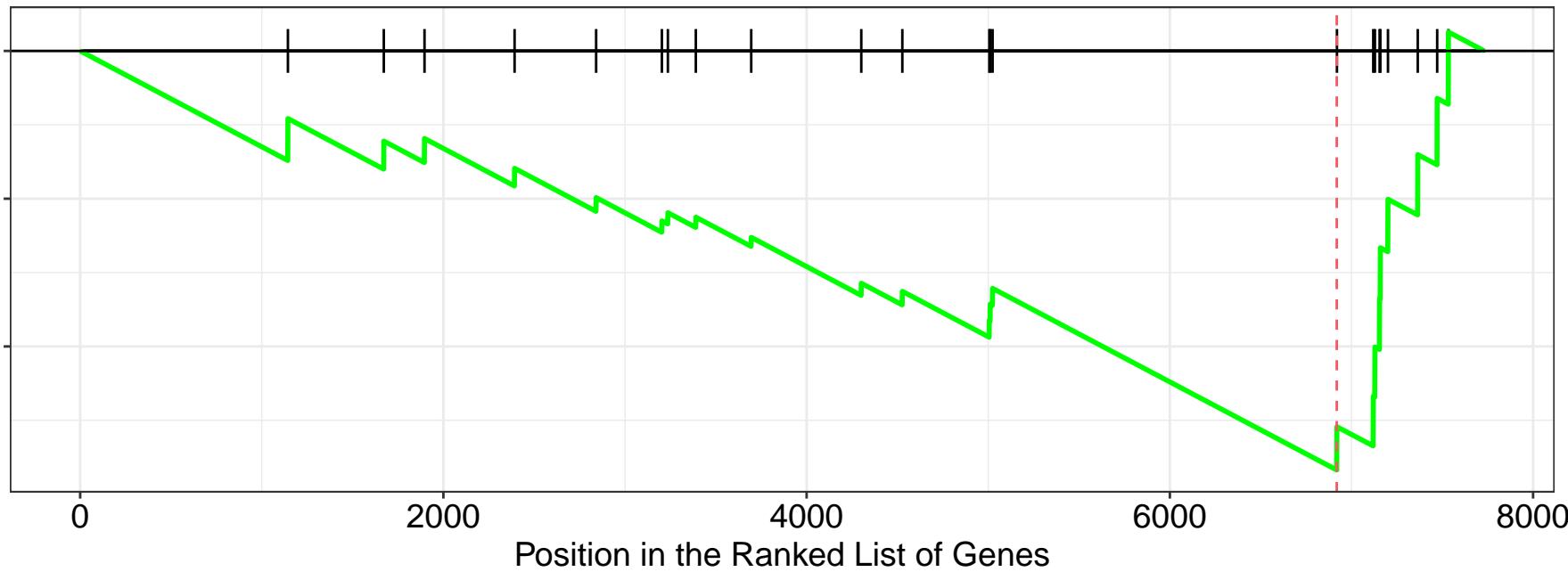


# cytokinetic process

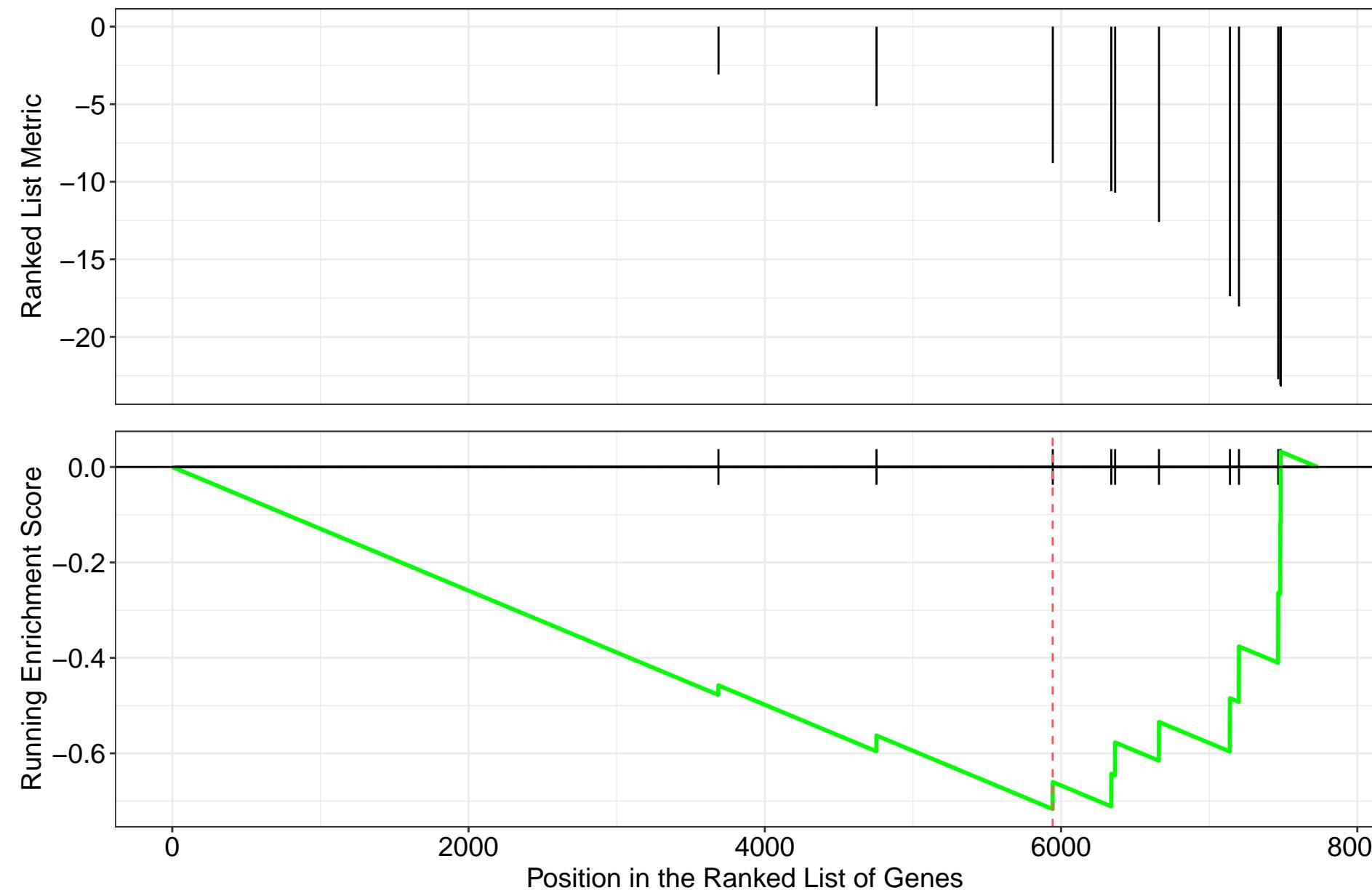
Ranked List Metric



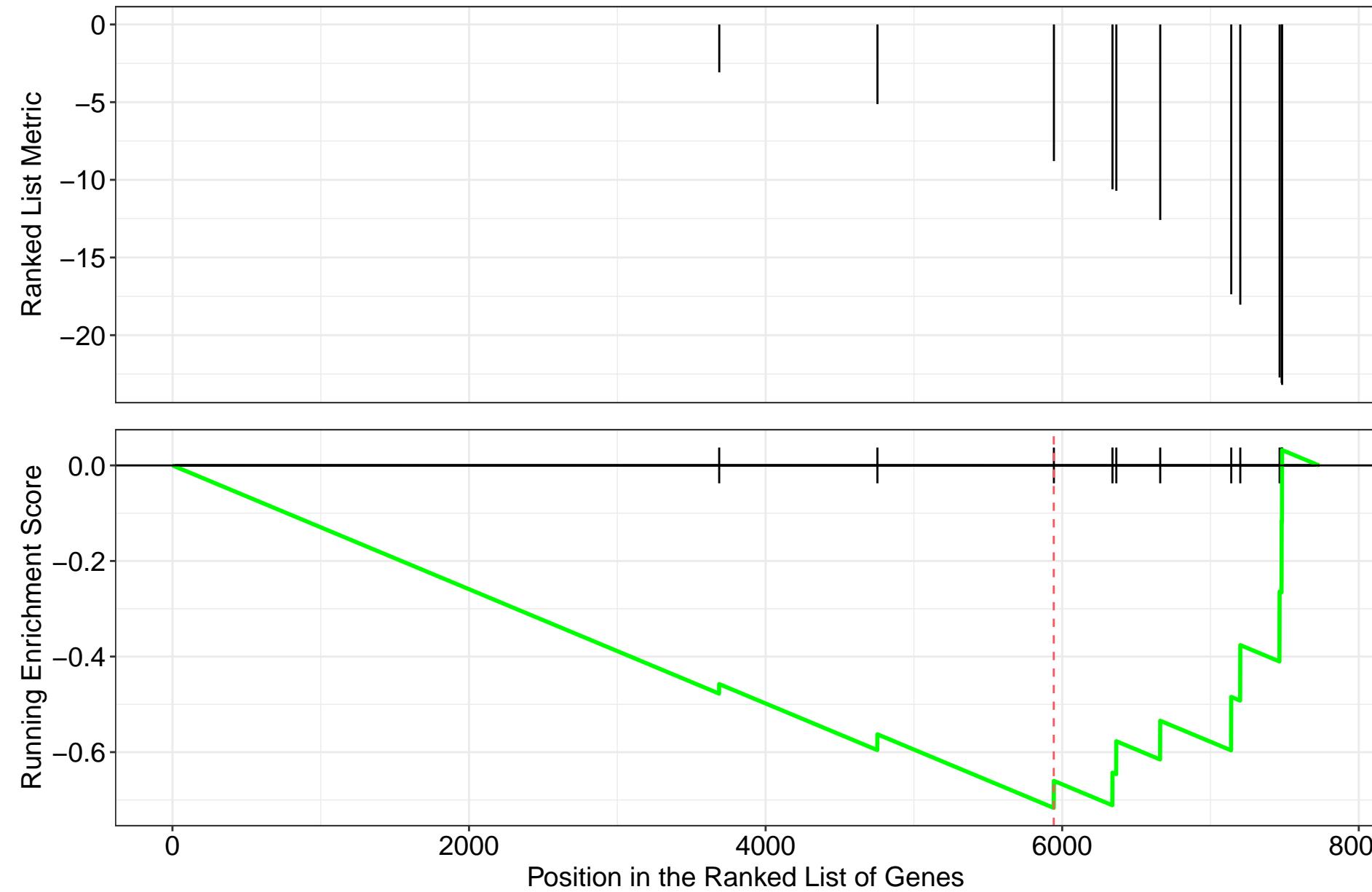
Running Enrichment Score



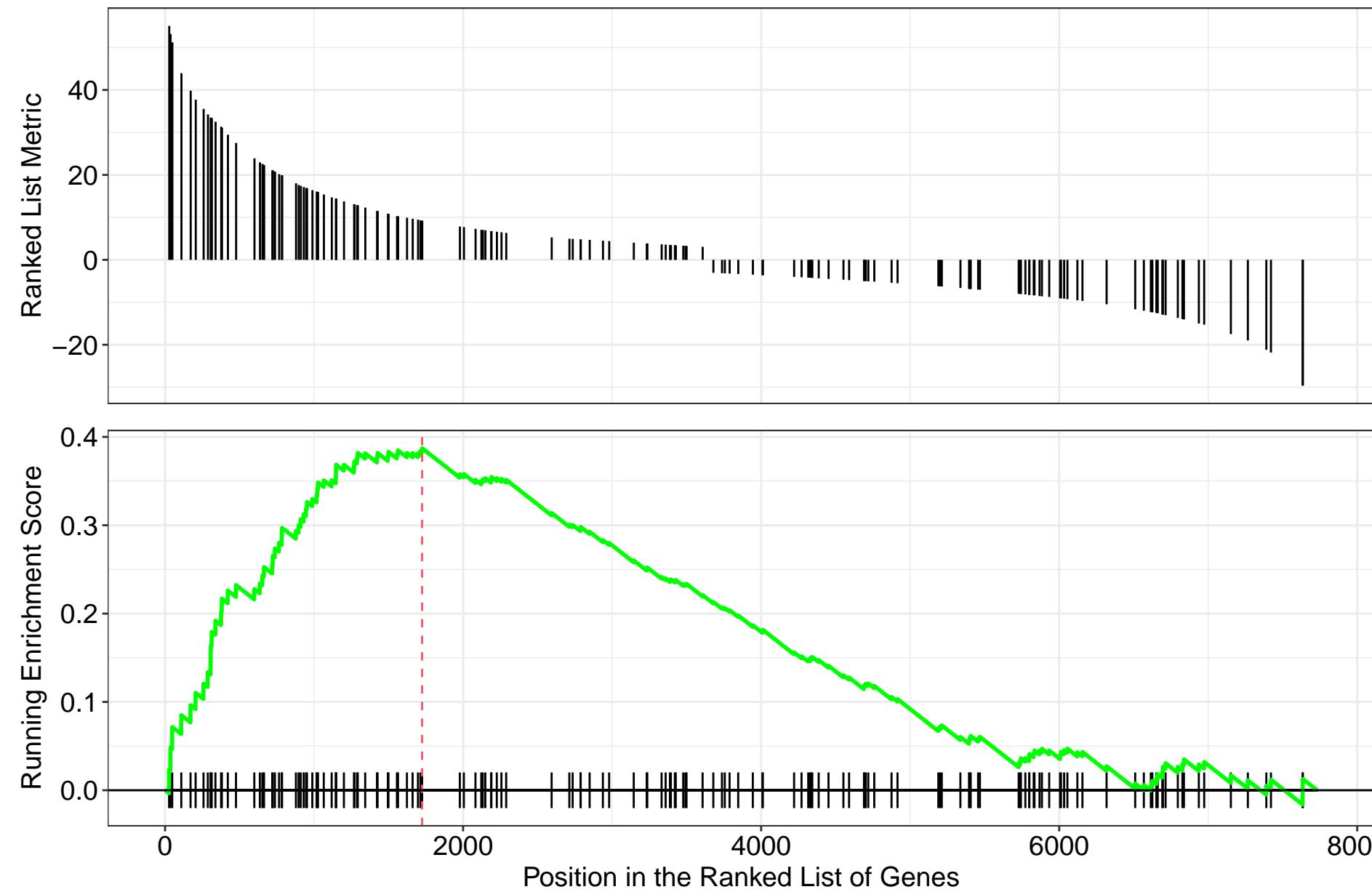
# protein localization to kinetochore



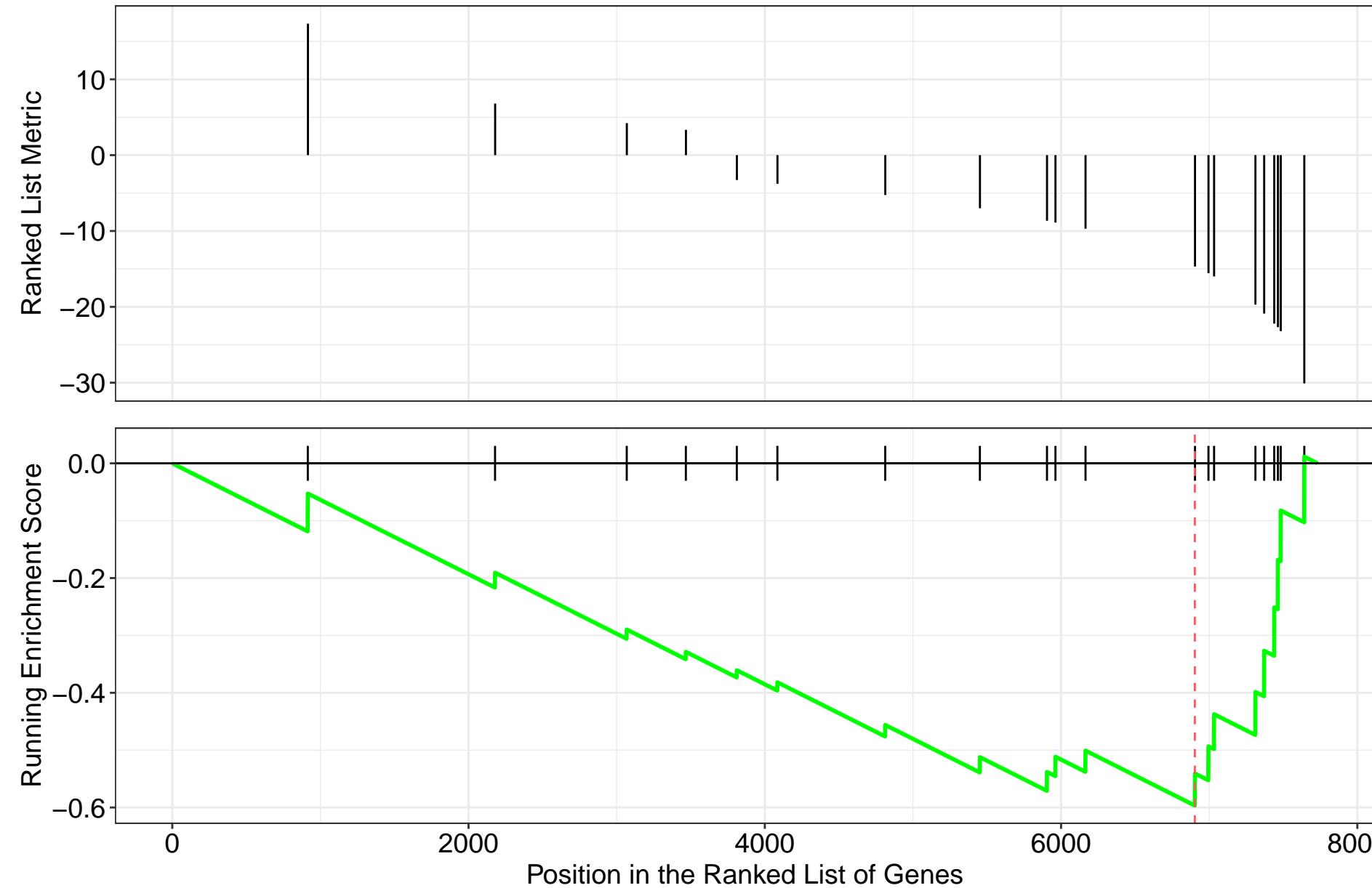
# protein localization to condensed chromosome



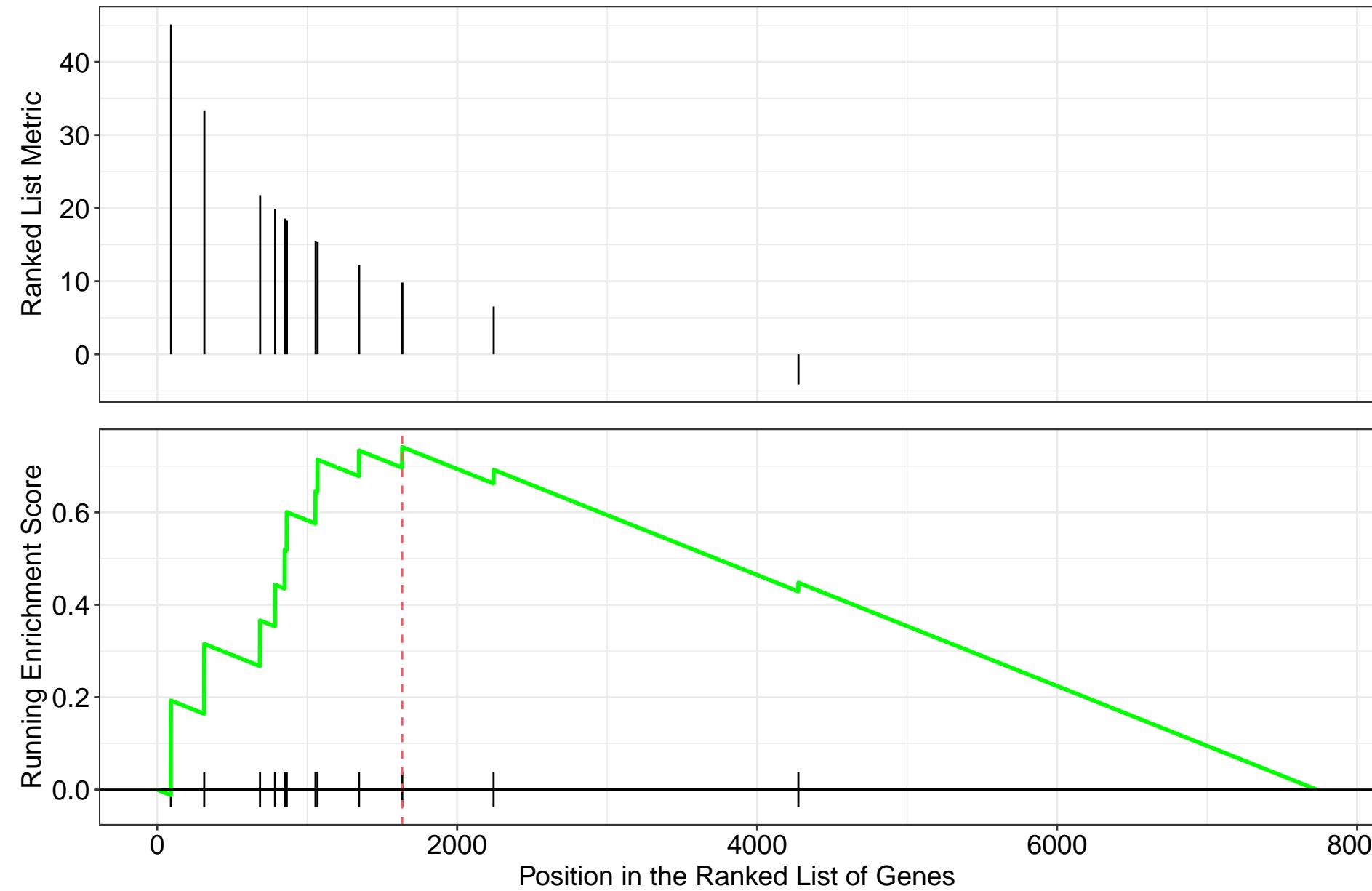
# muscle tissue development



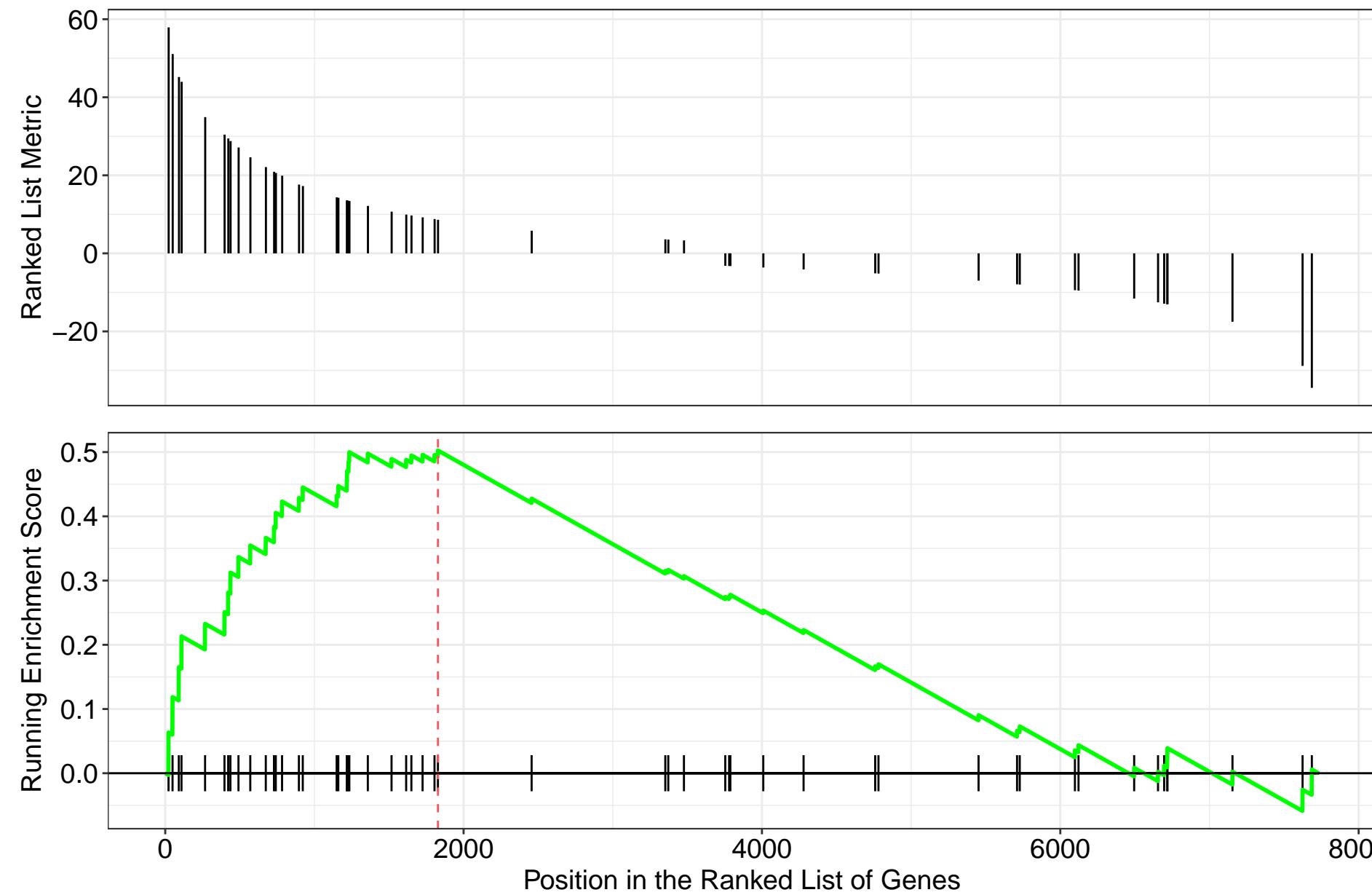
# regulation of meiotic cell cycle



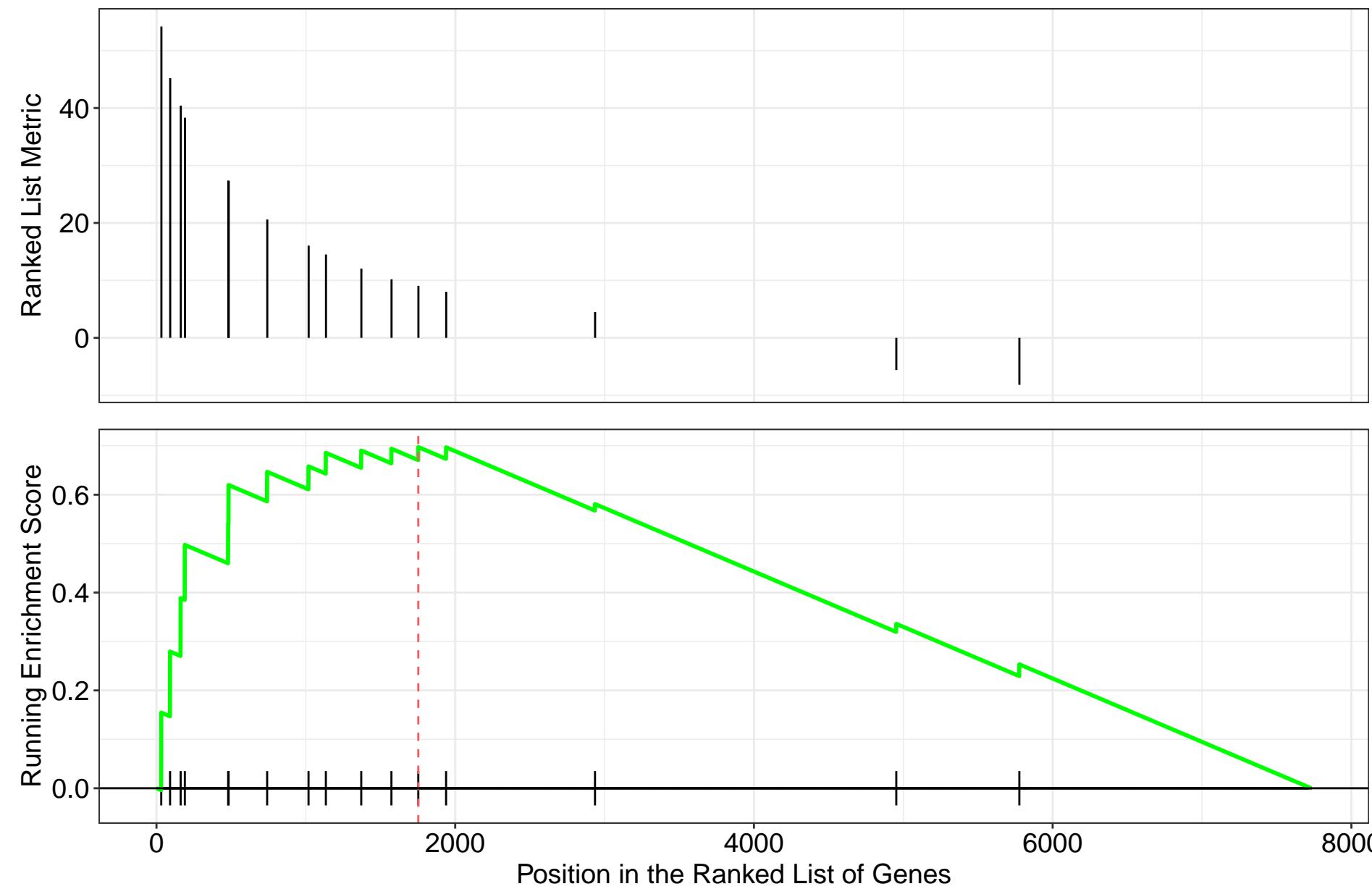
# regulation of ribonuclease activity



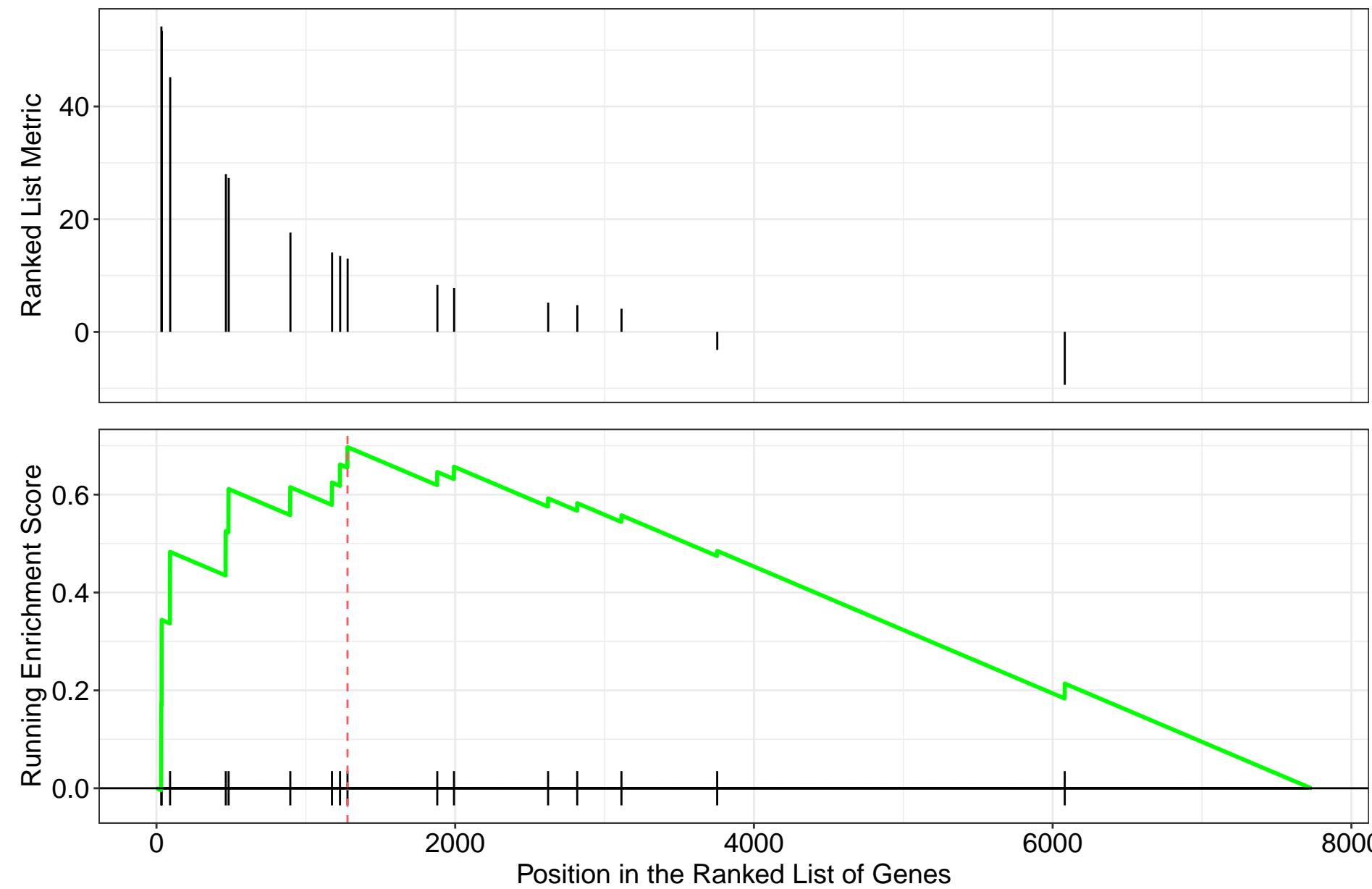
# positive regulation of smooth muscle cell proliferation



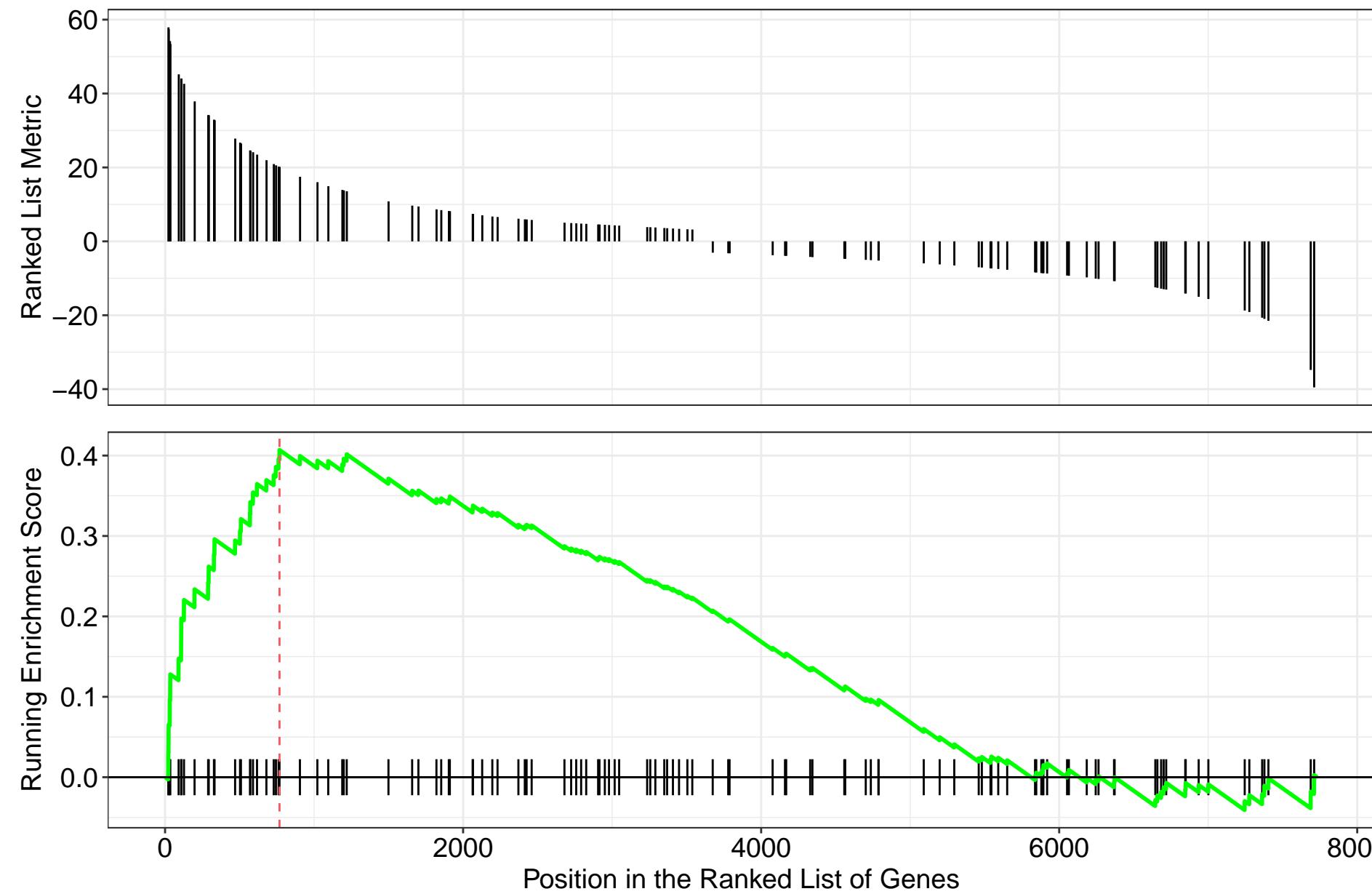
# positive regulation of T cell cytokine production



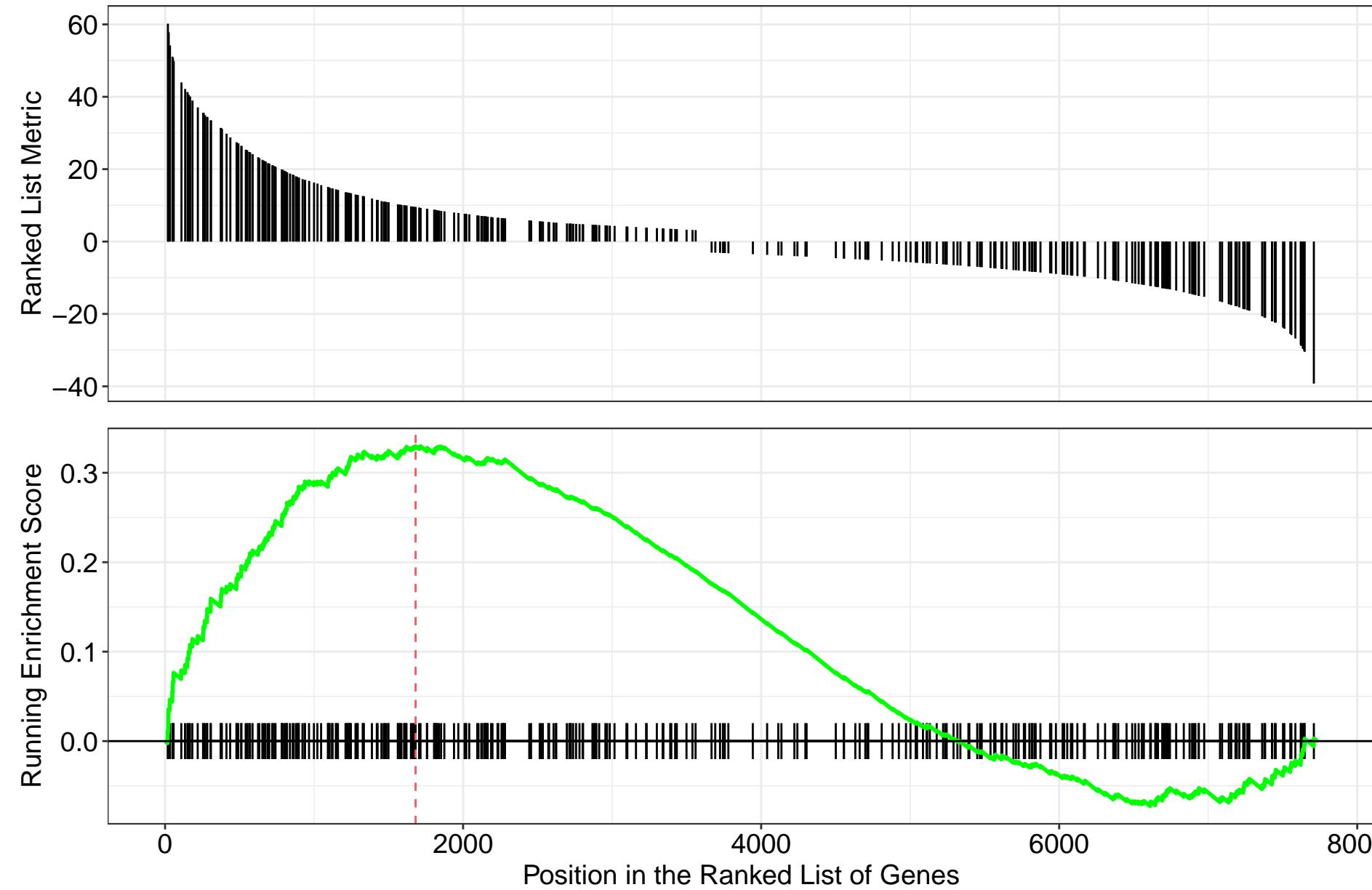
# interleukin–1–mediated signaling pathway



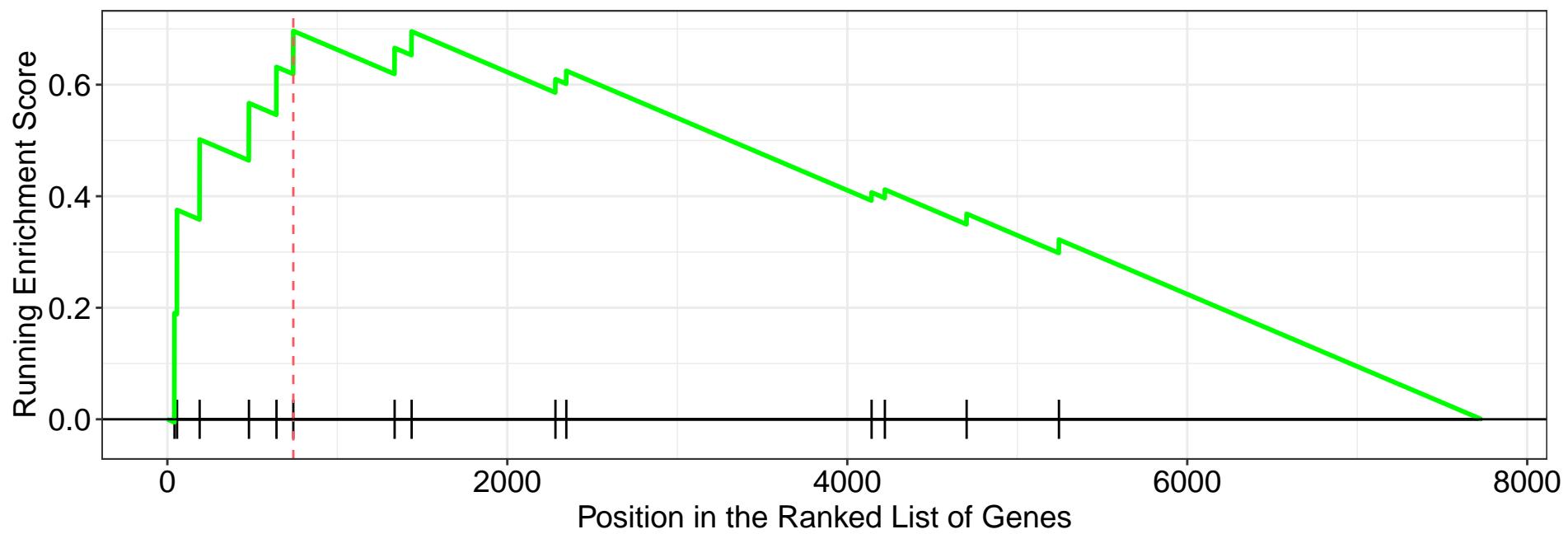
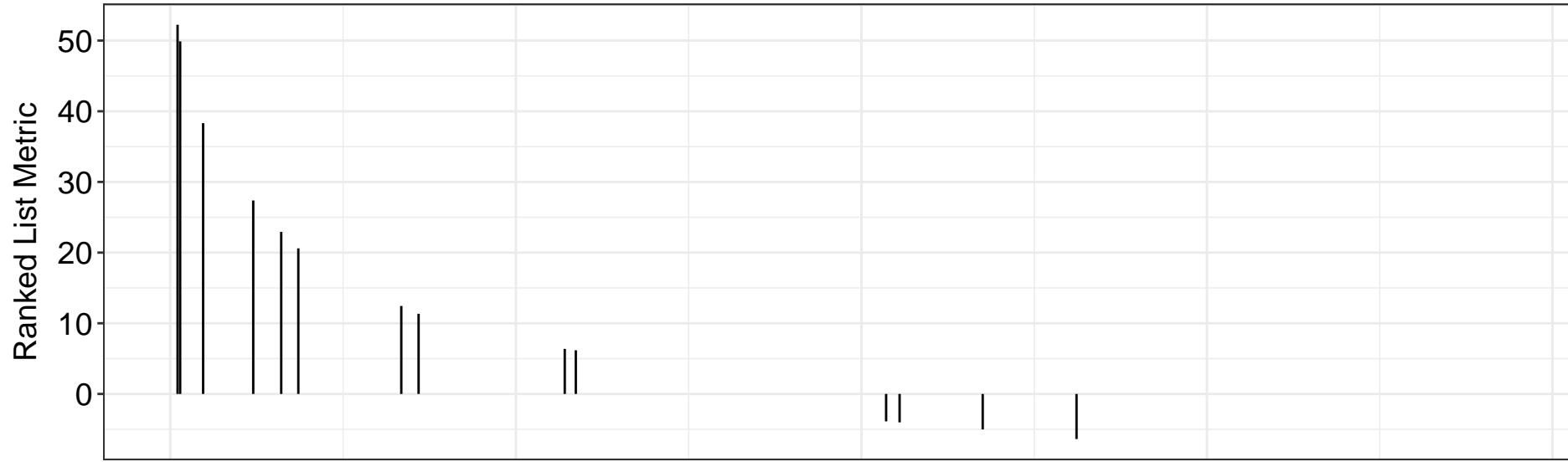
# peptide transport



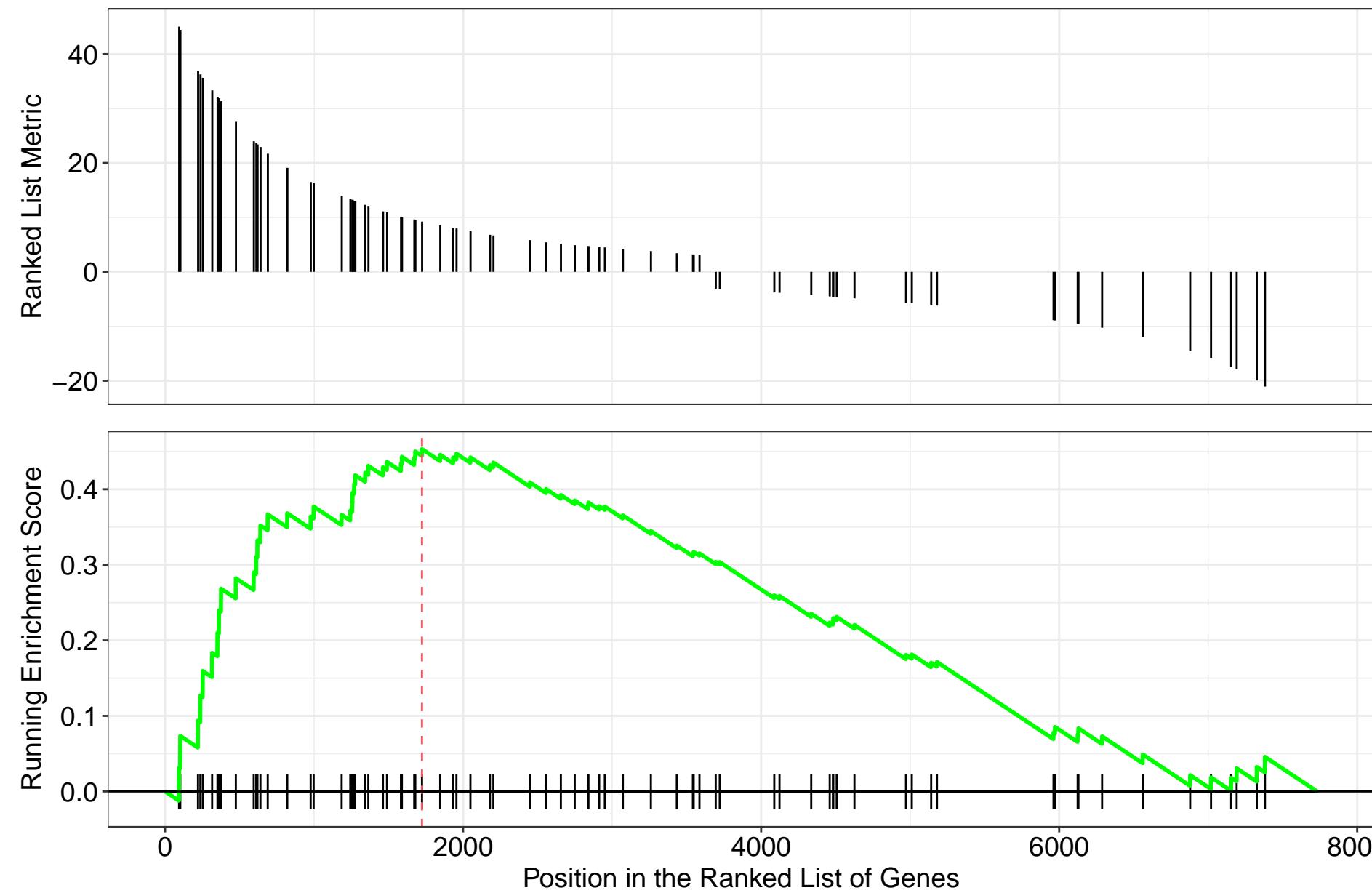
# blood vessel development



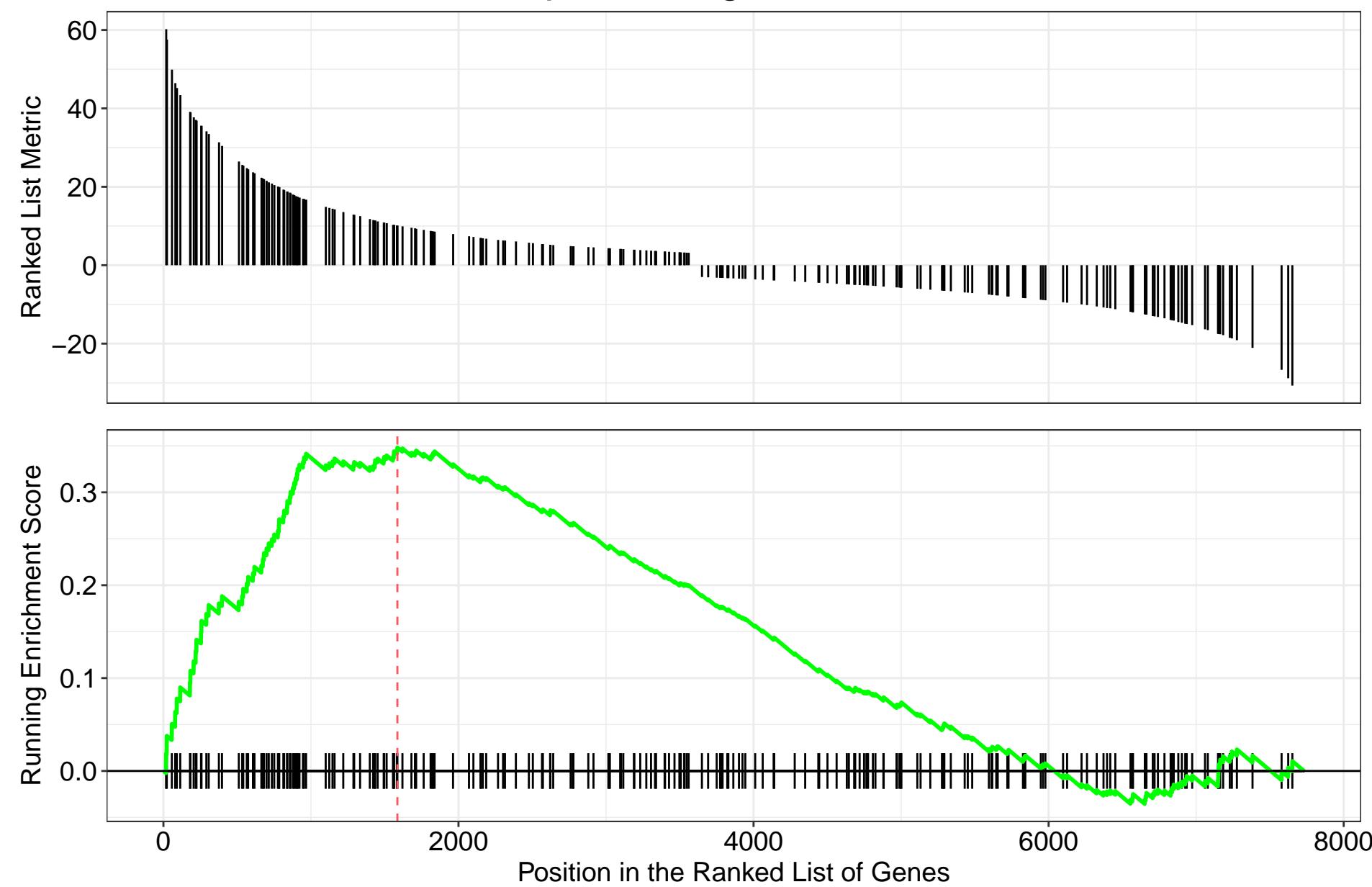
# positive regulation of activated T cell proliferation



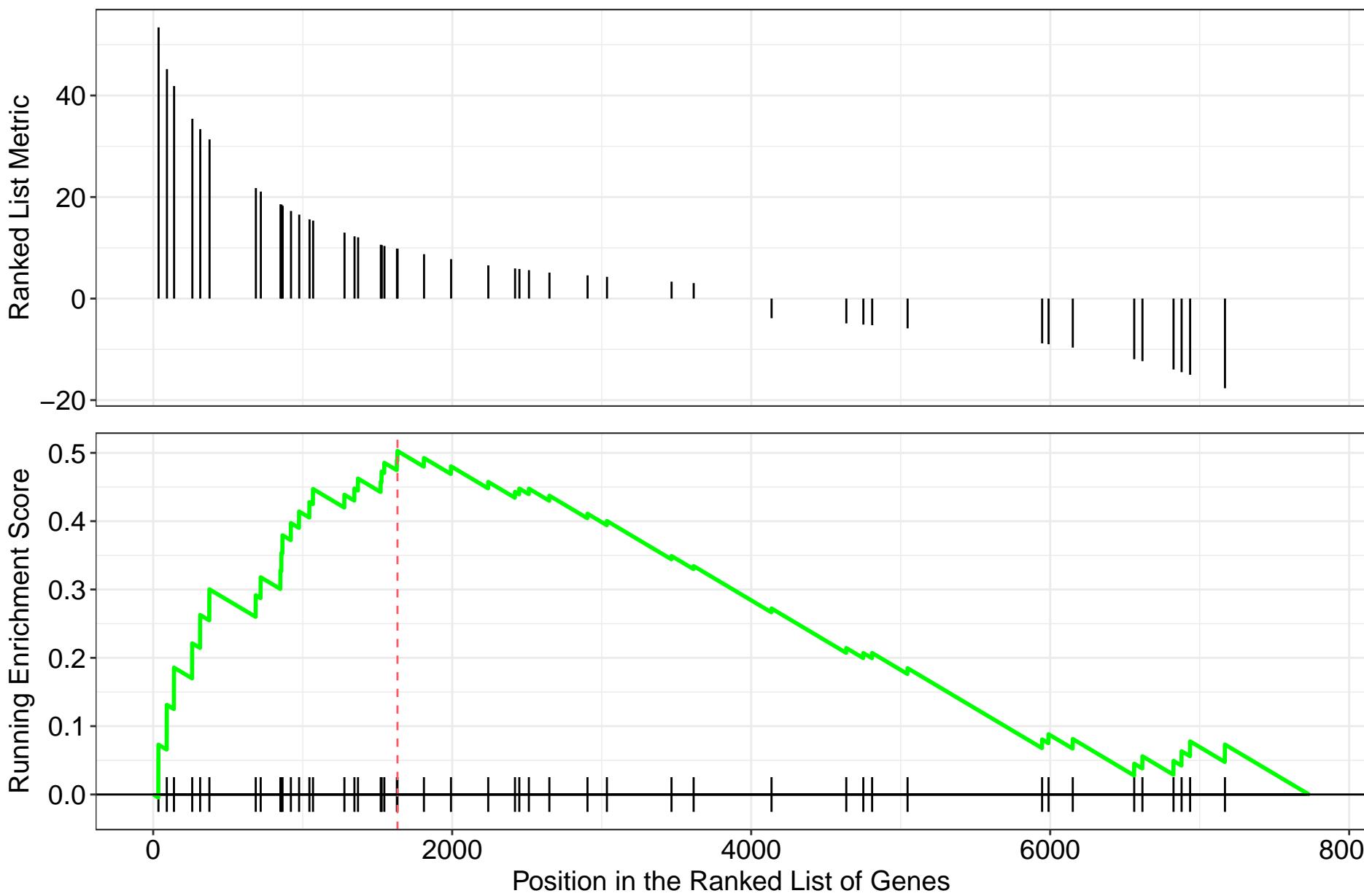
# biological process involved in interaction with host



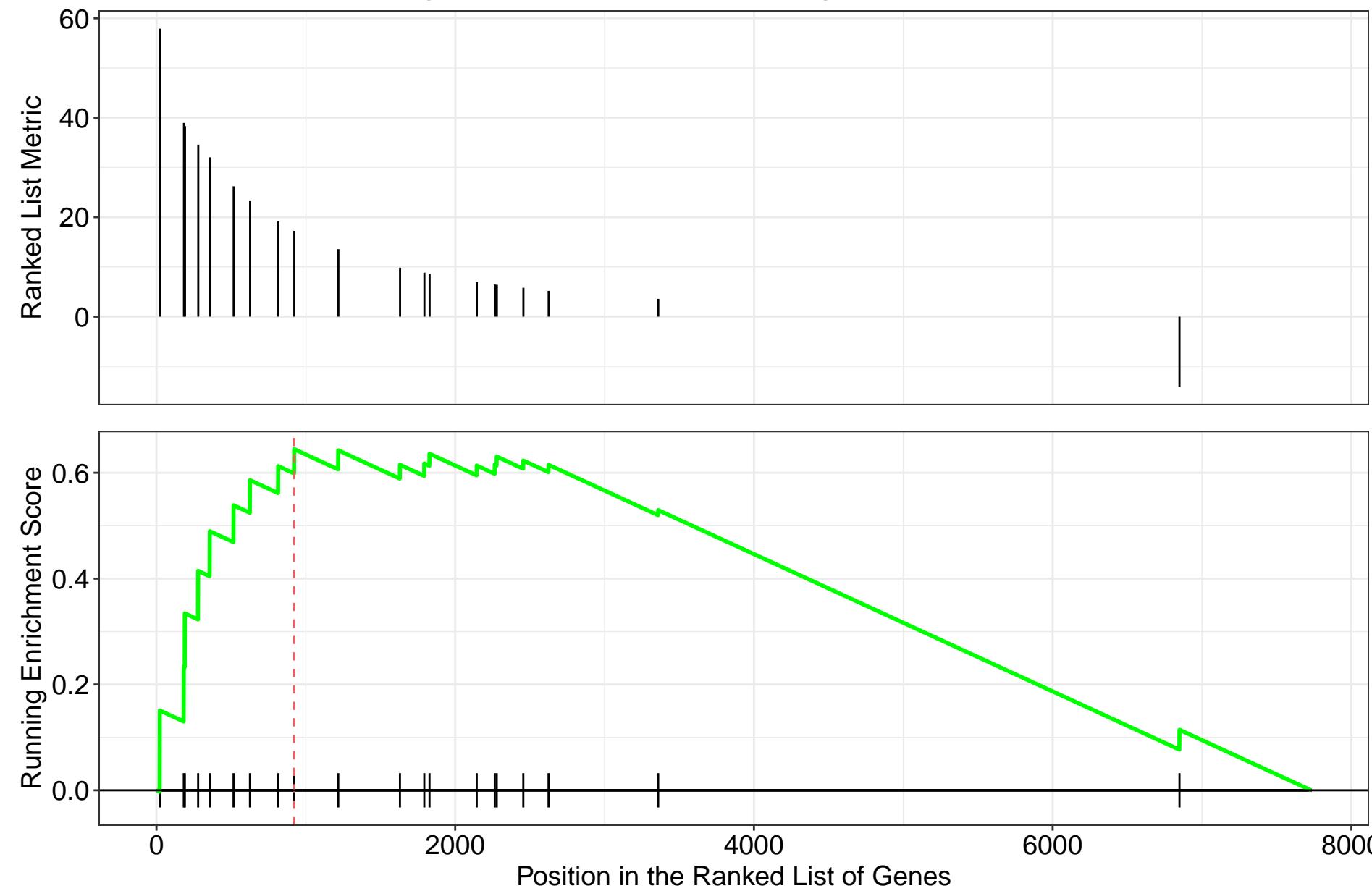
# cellular response to growth factor stimulus



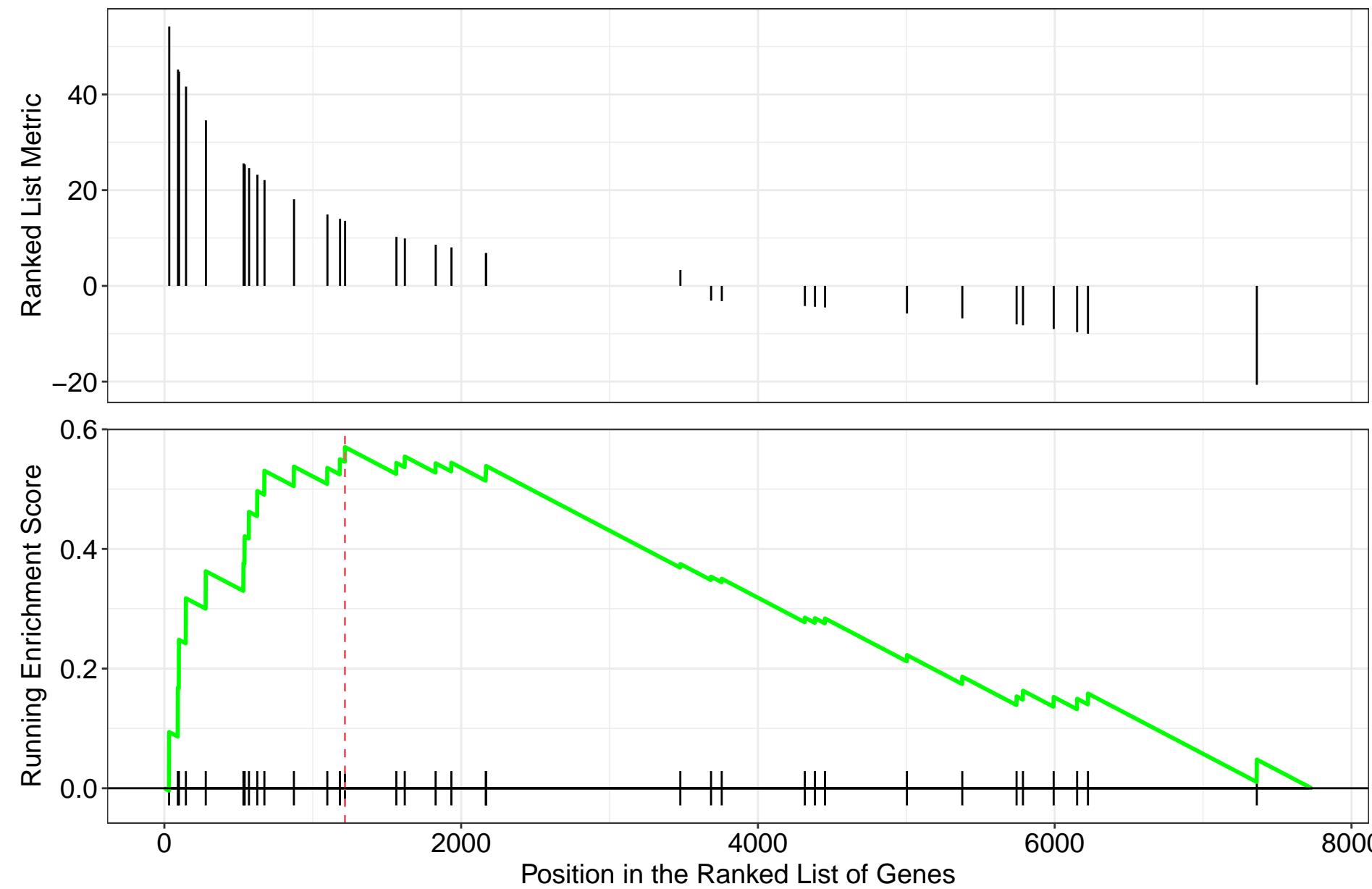
# negative regulation of response to cytokine stimulus



# regulation of macrophage chemotaxis

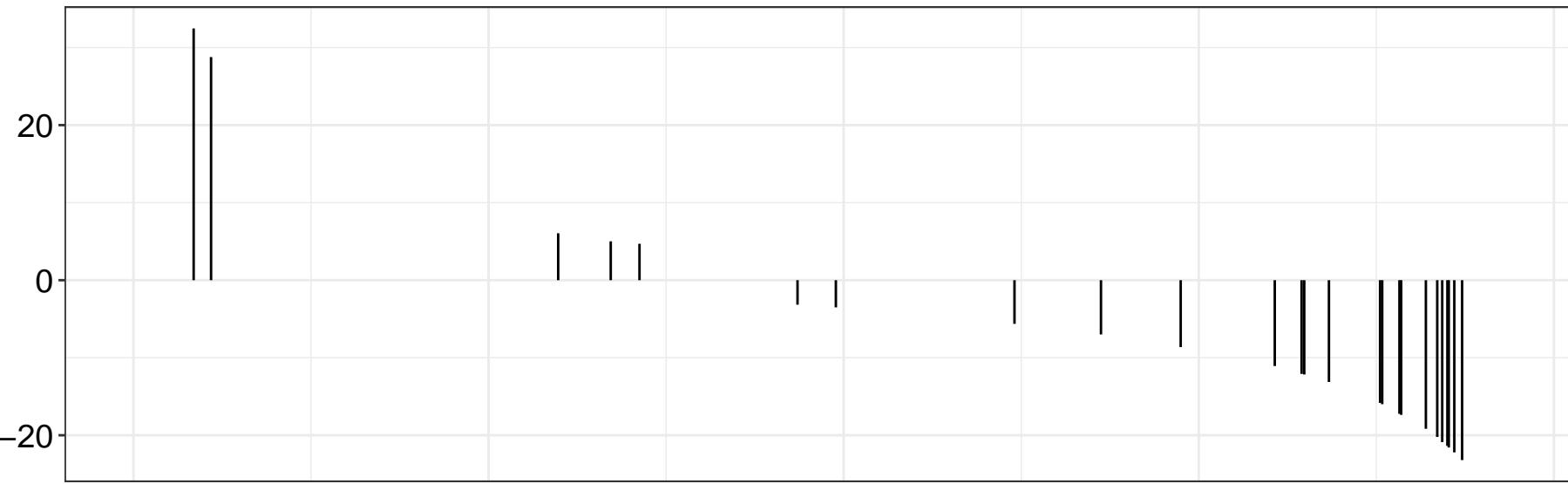


# glial cell proliferation



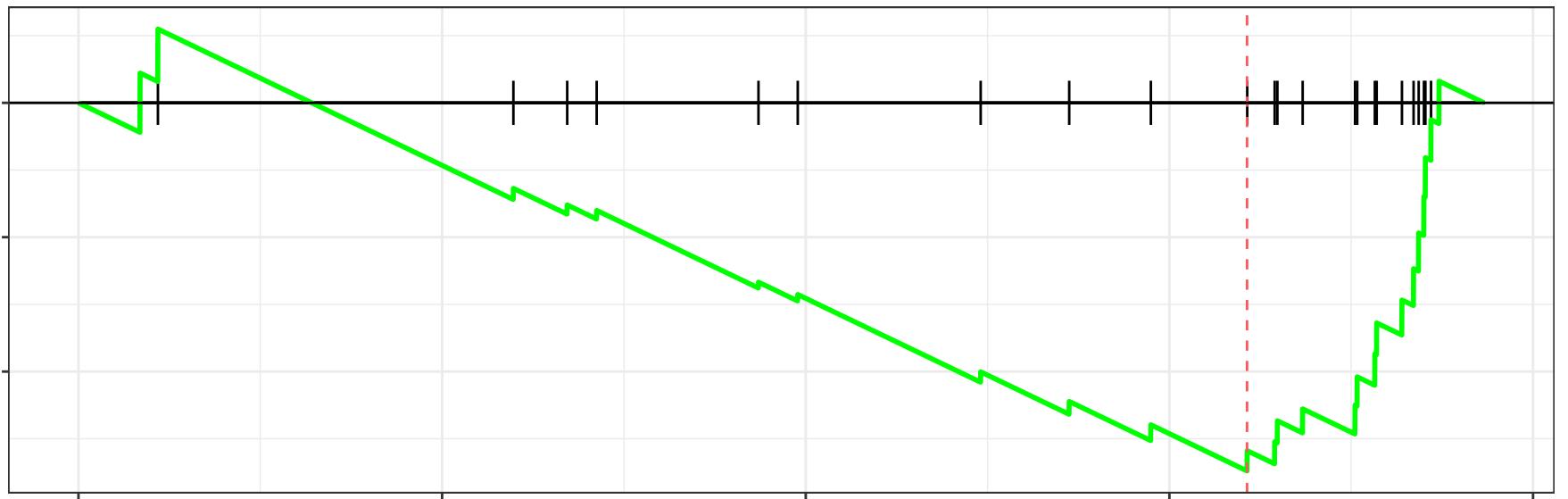
# female meiotic nuclear division

Ranked List Metric



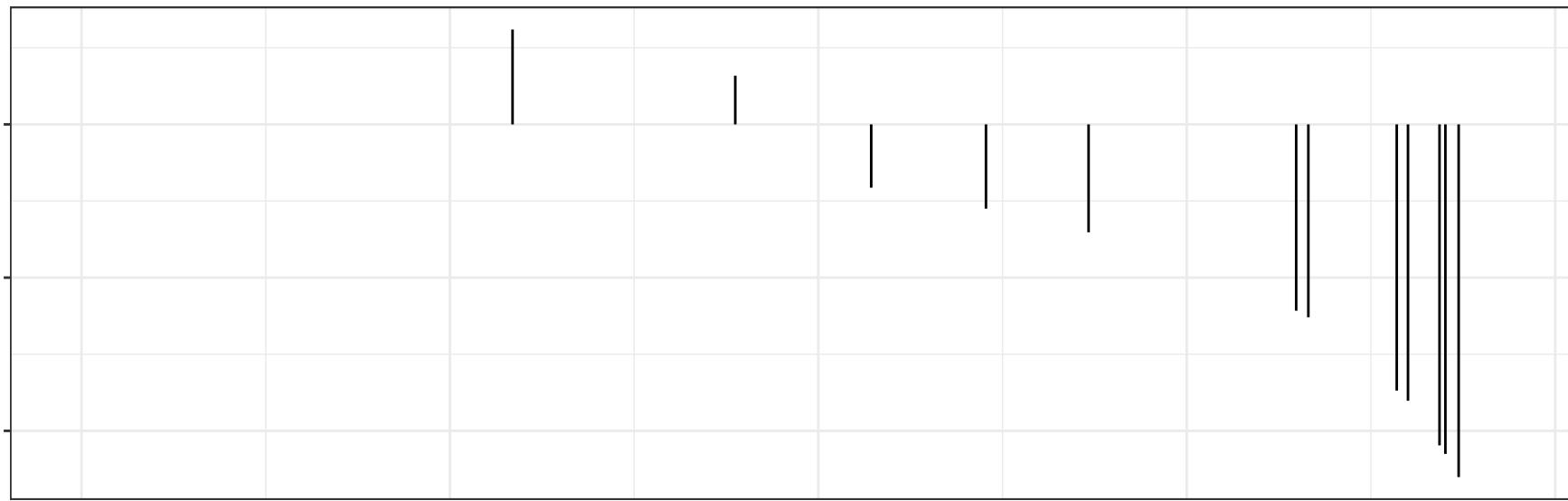
Running Enrichment Score

Position in the Ranked List of Genes



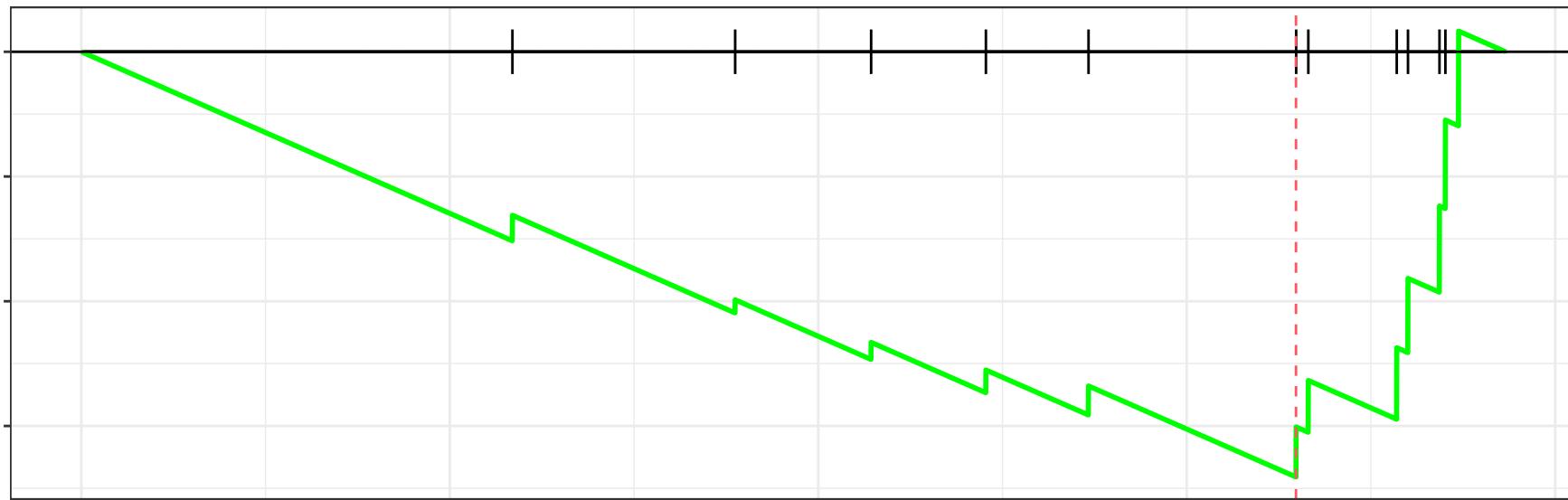
# attachment of mitotic spindle microtubules to kinetochore

Ranked List Metric

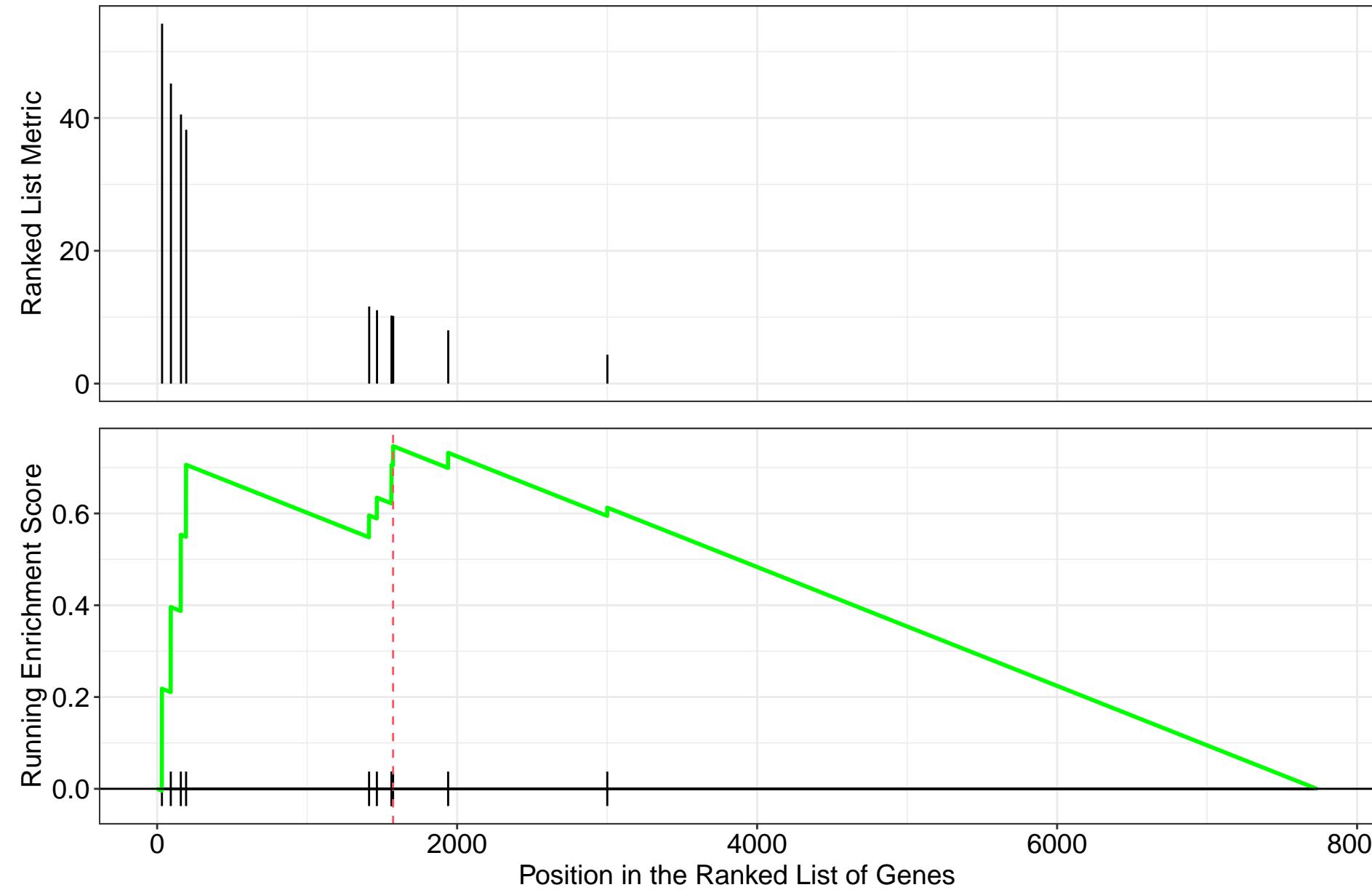


Running Enrichment Score

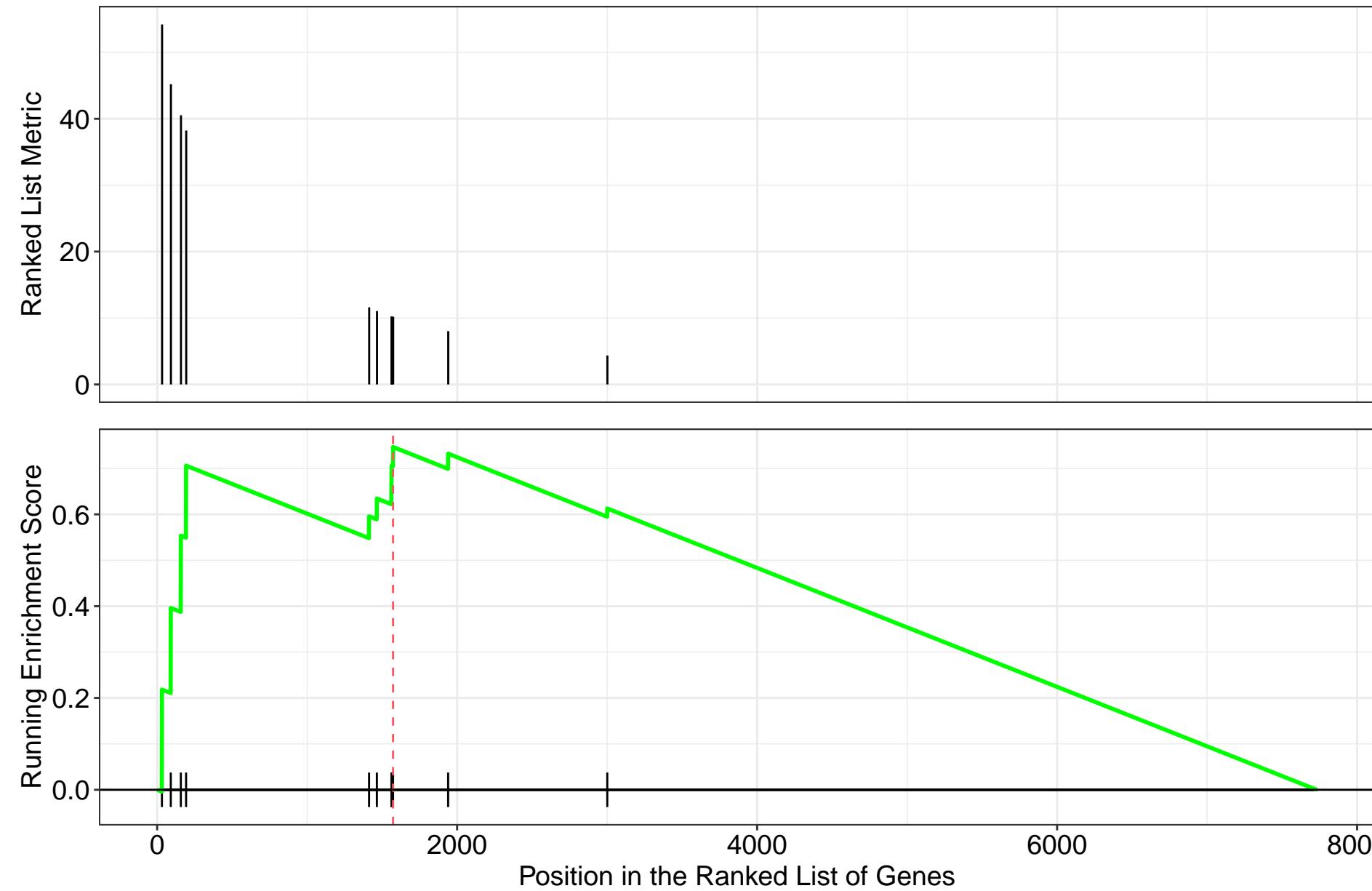
Position in the Ranked List of Genes



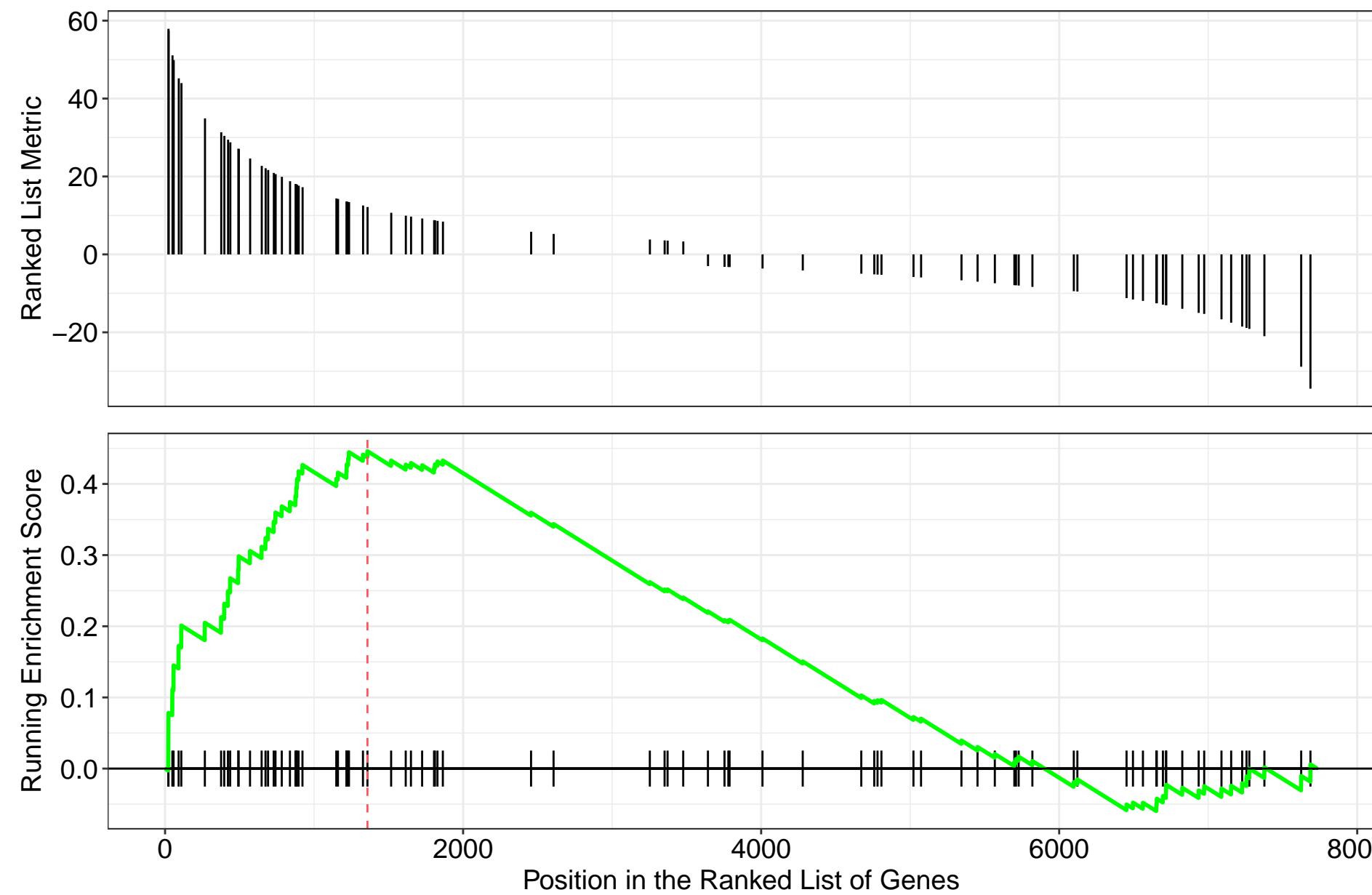
# response to interleukin-17



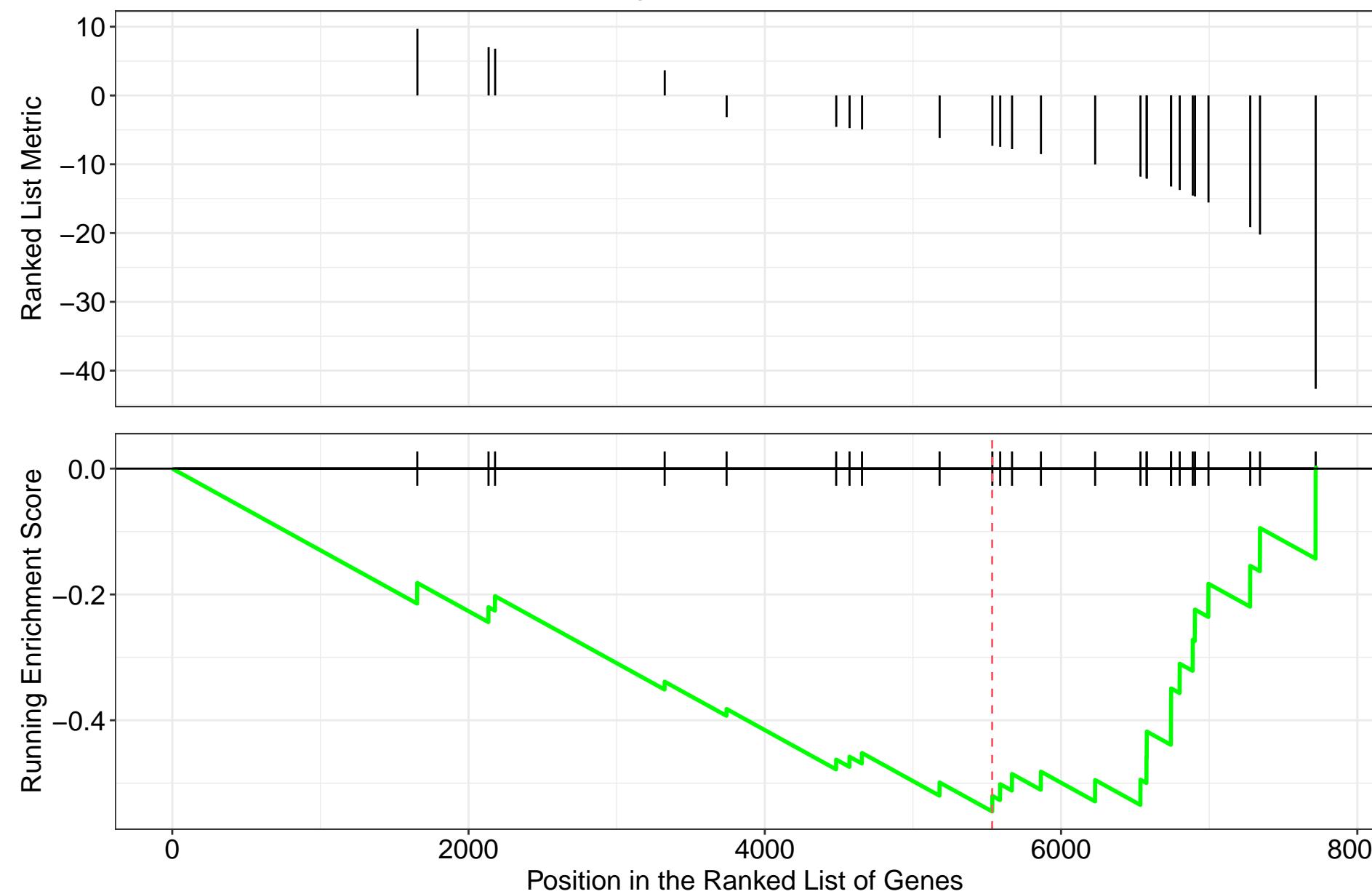
# cellular response to interleukin-17



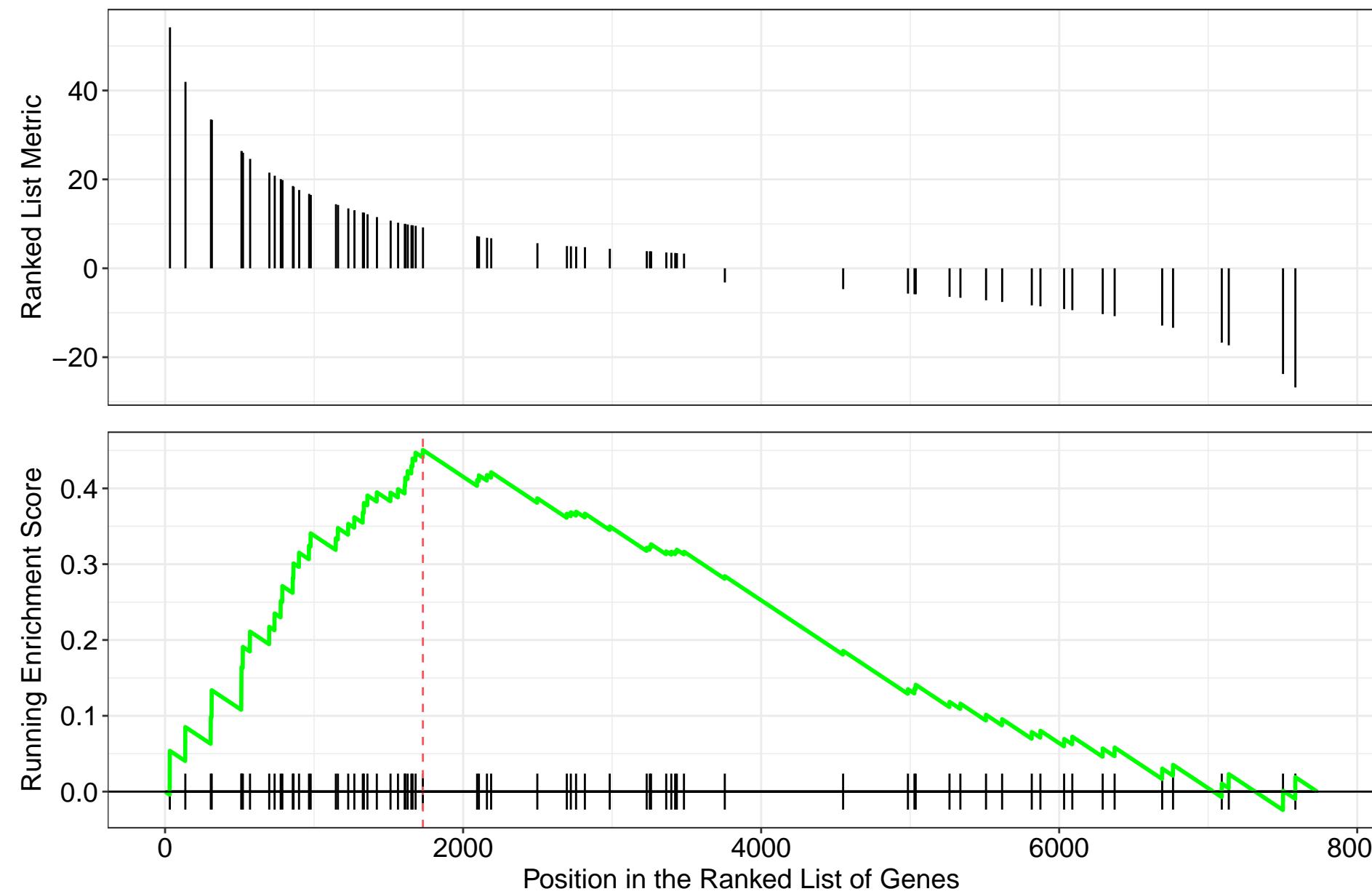
# smooth muscle cell proliferation



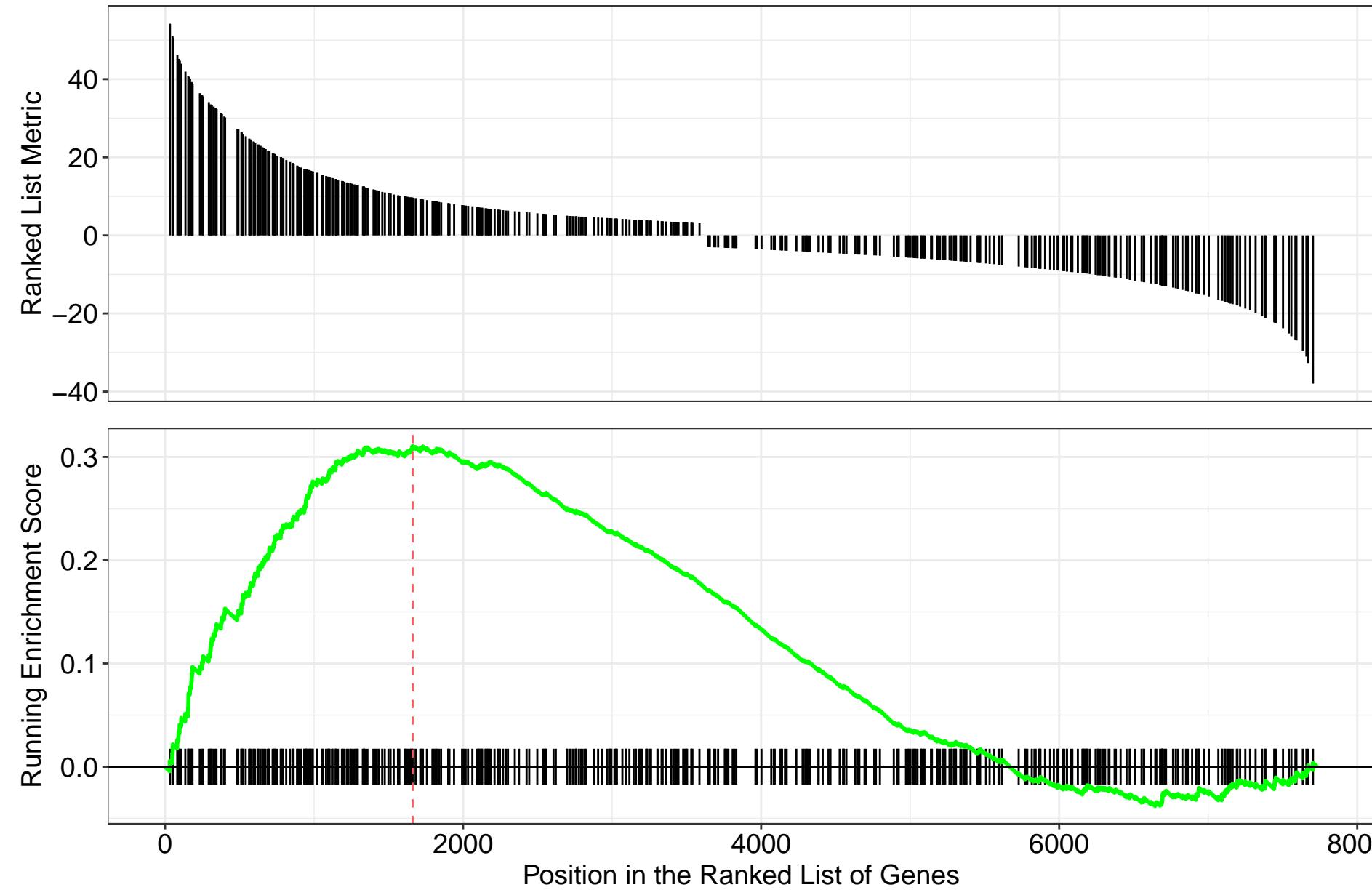
# homologous recombination



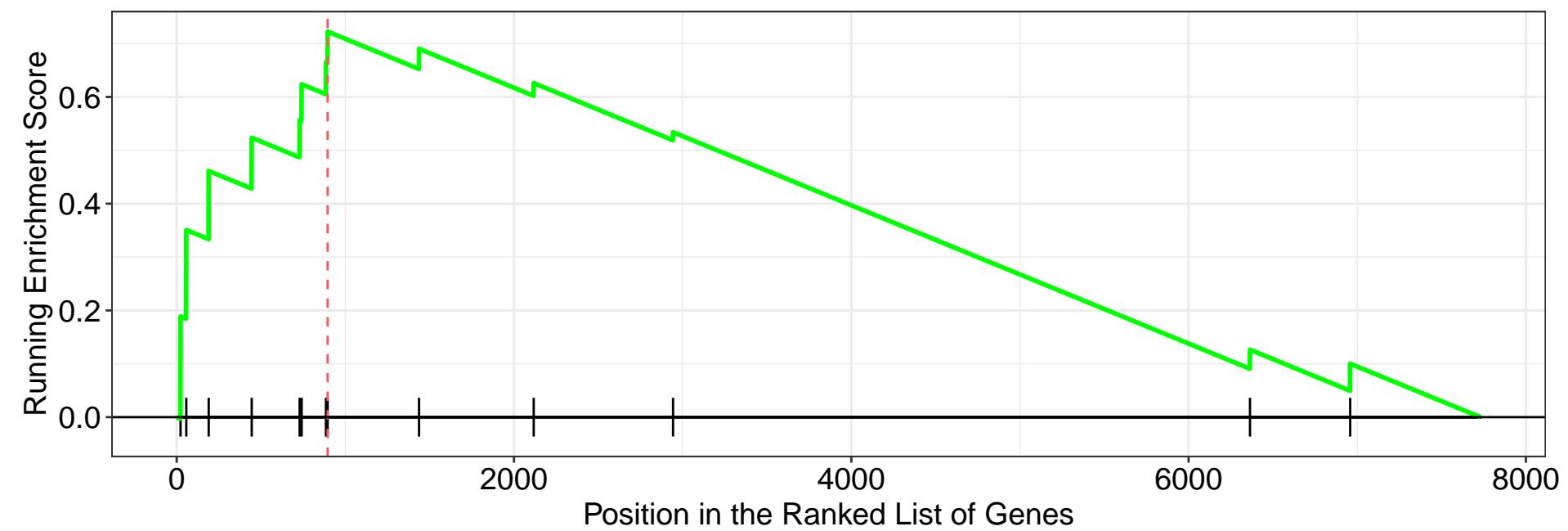
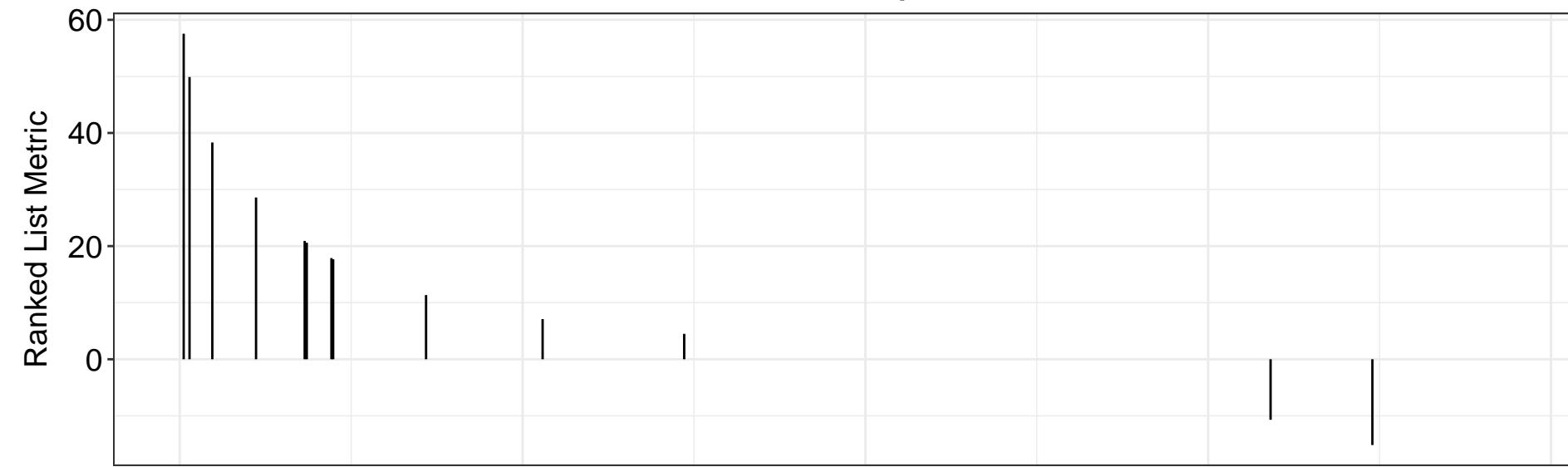
# endothelium development



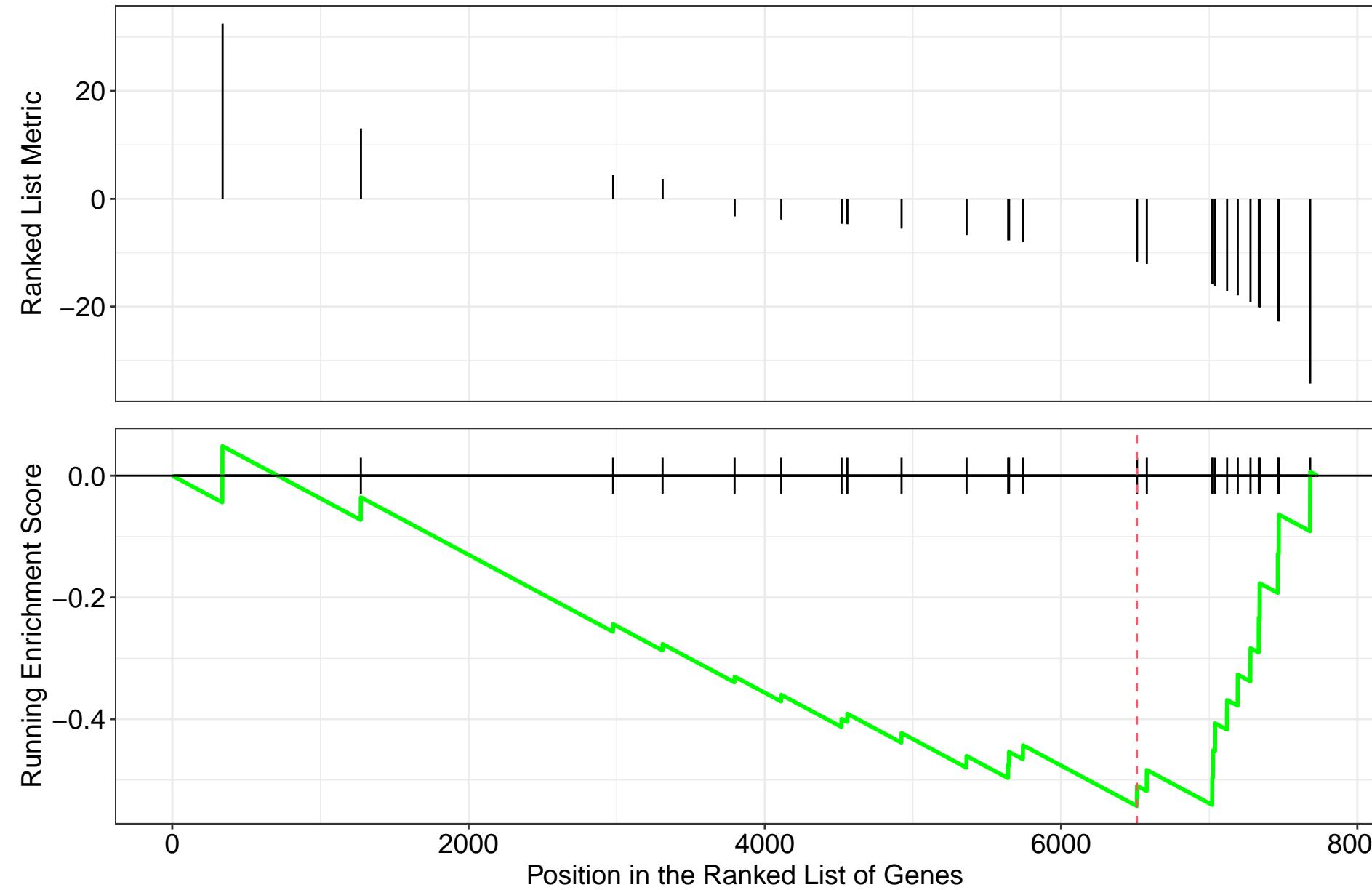
# epithelium development



# natural killer cell proliferation

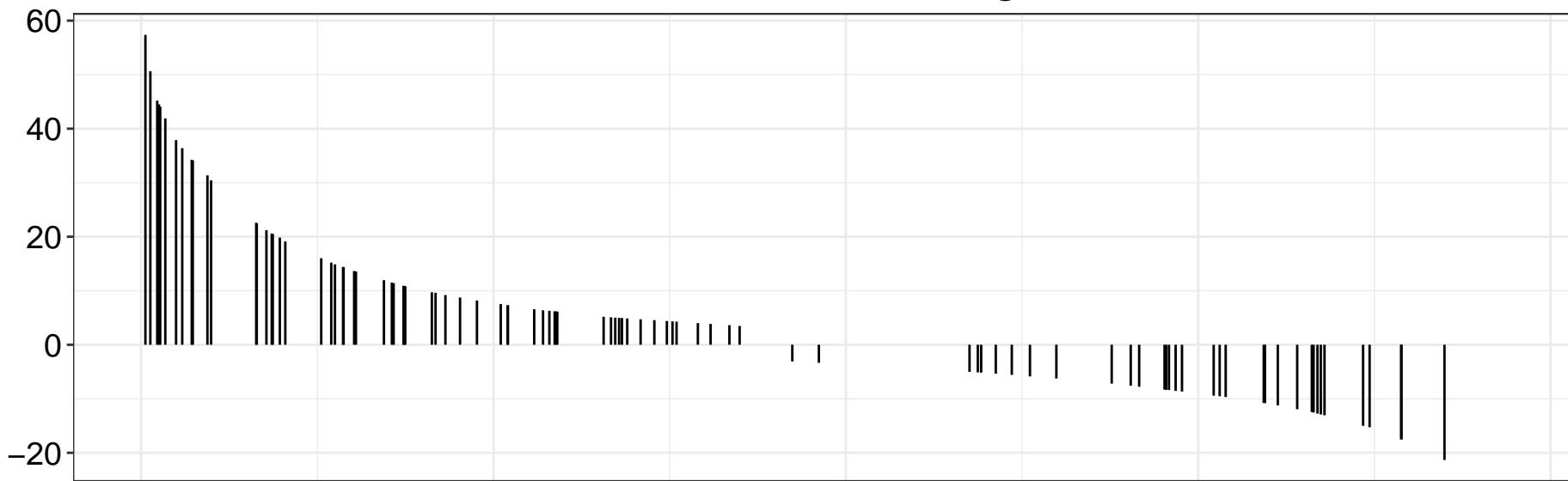


# sister chromatid cohesion

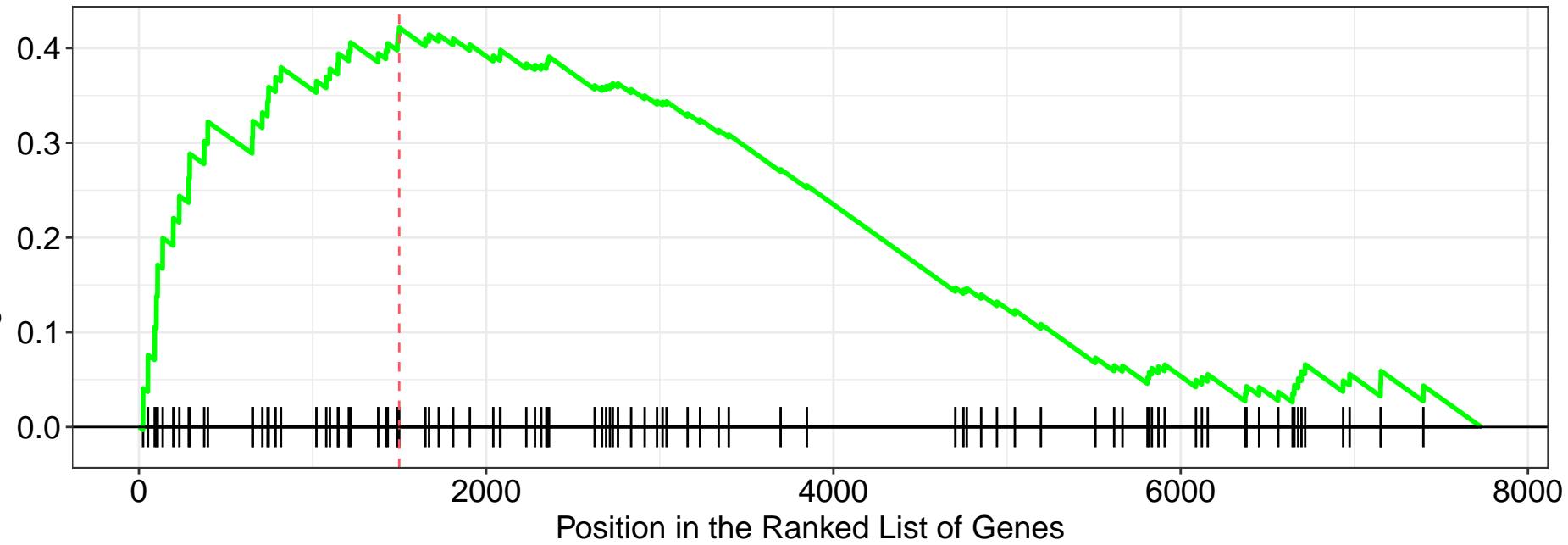


# tissue remodeling

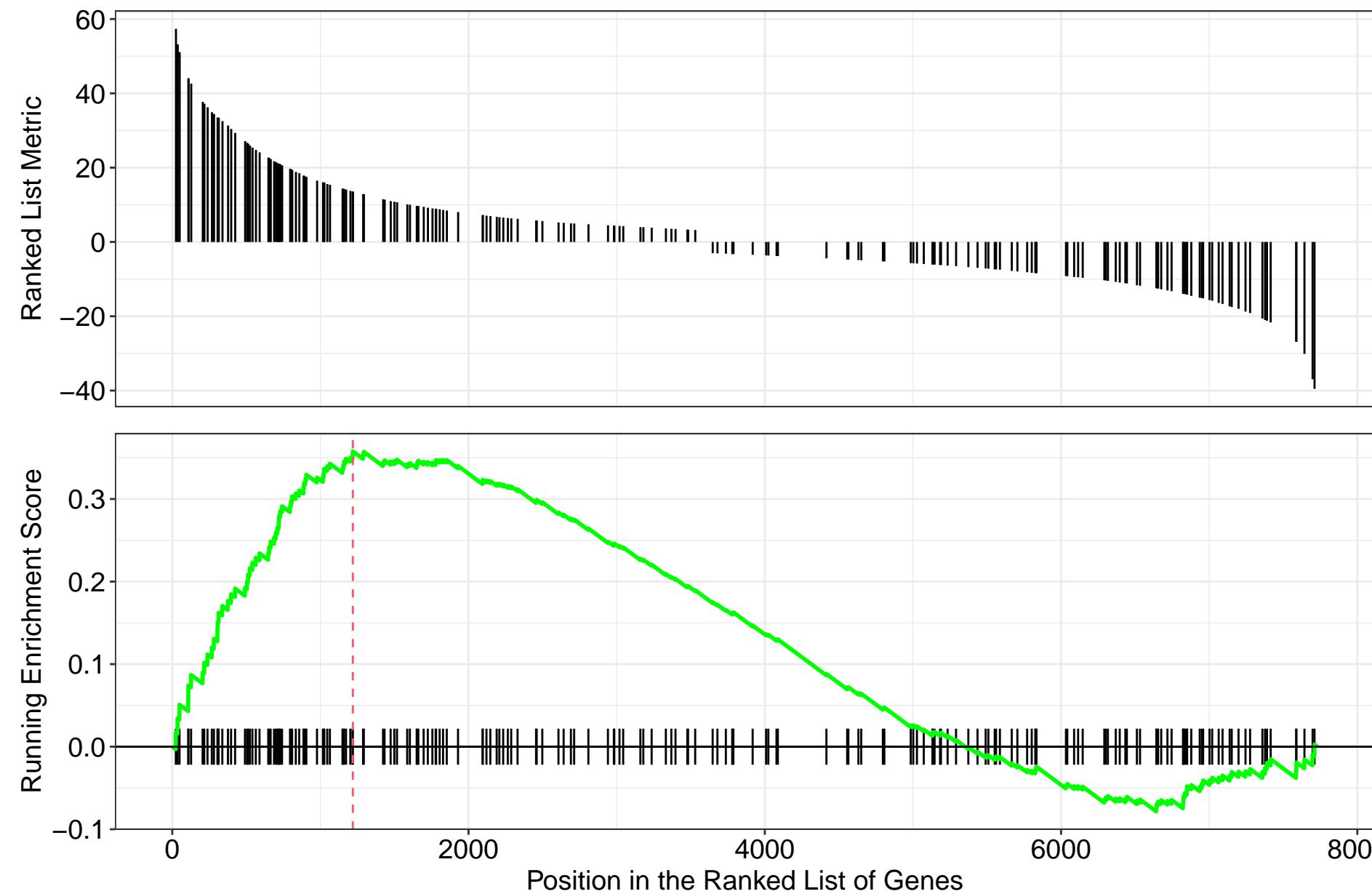
Ranked List Metric



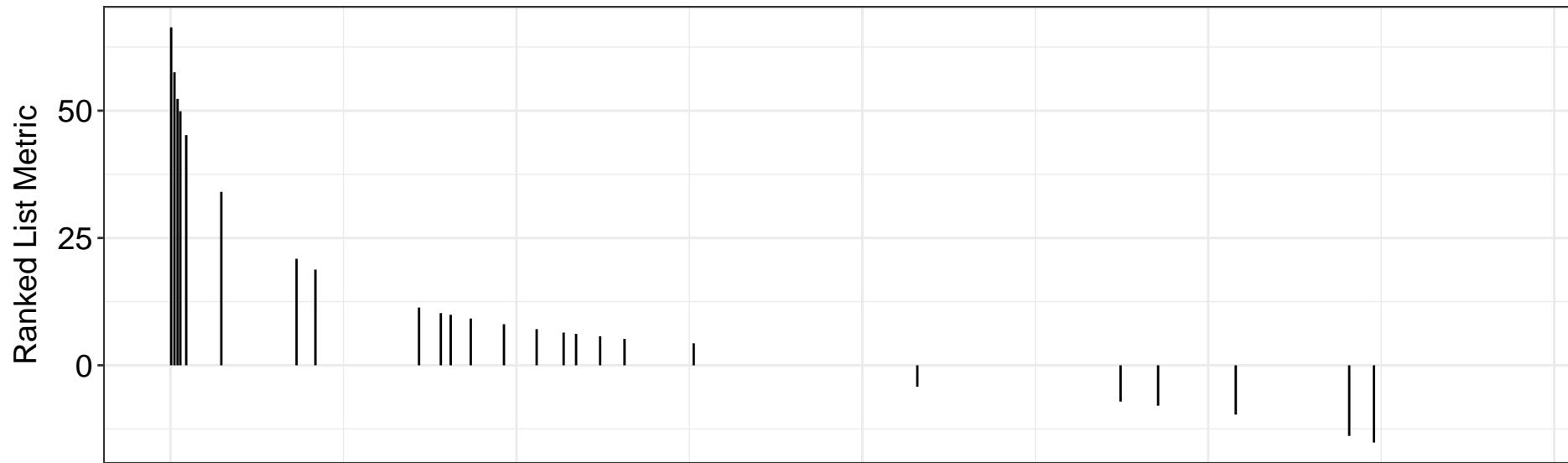
Running Enrichment Score



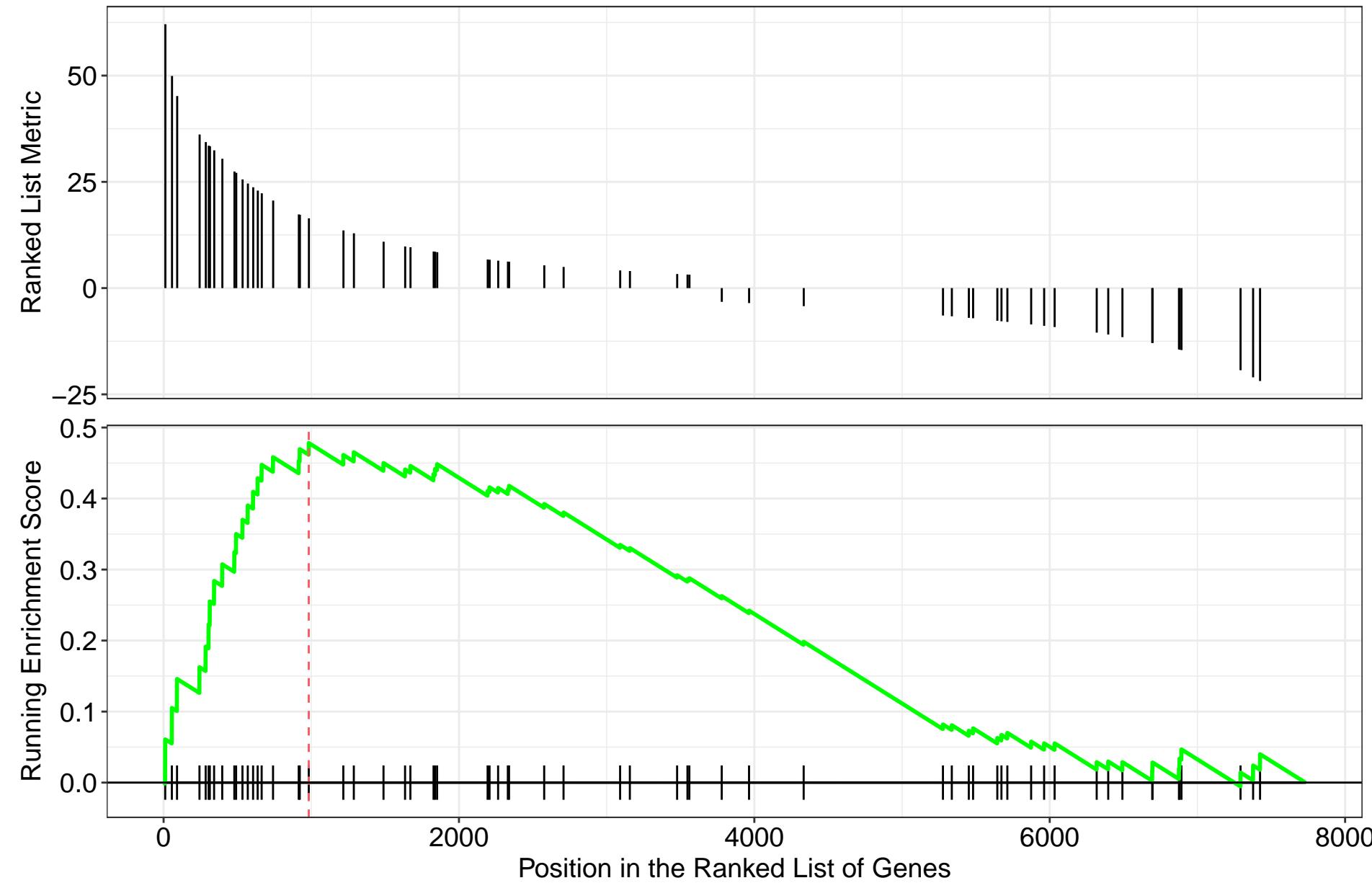
# circulatory system process



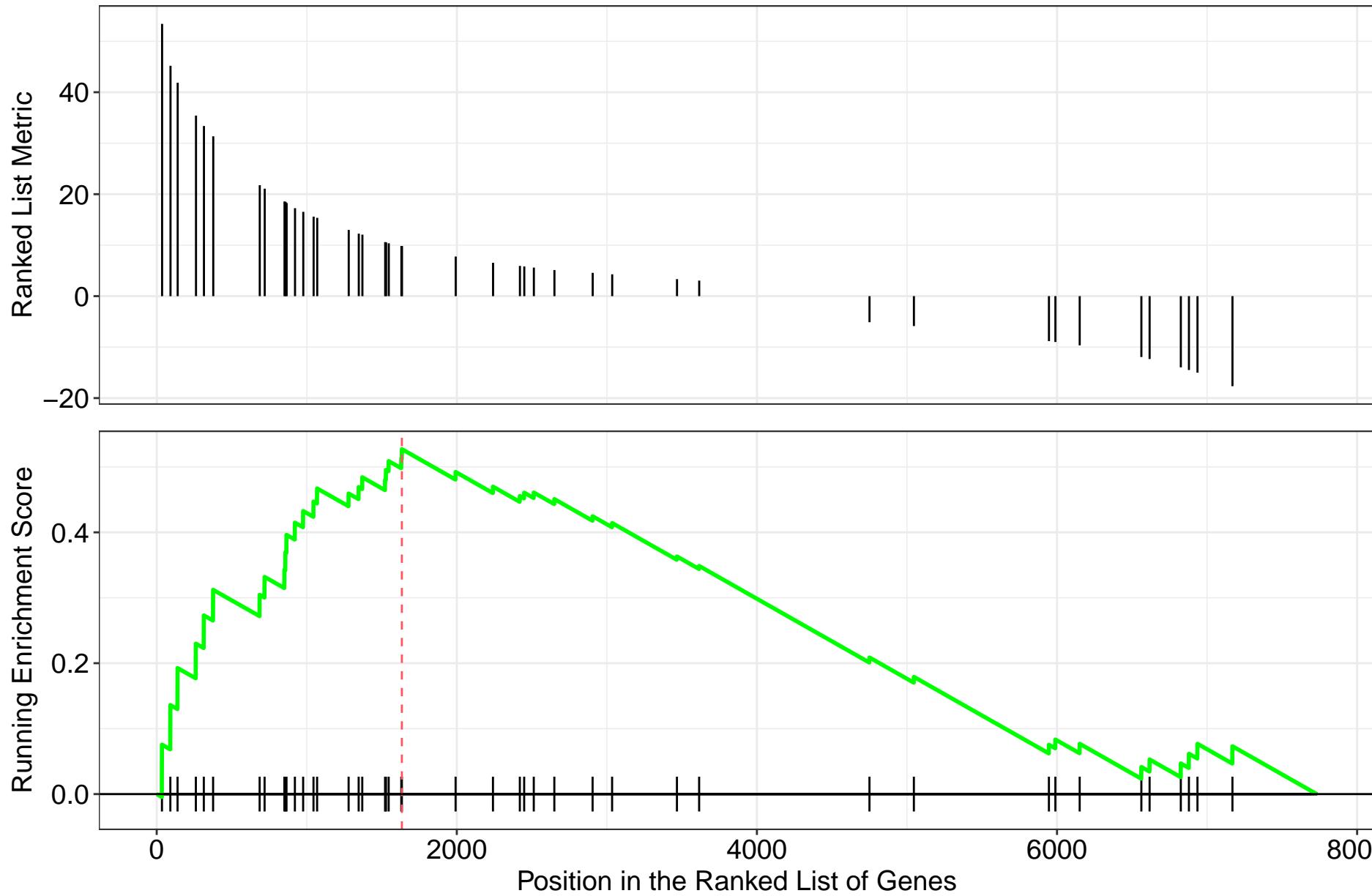
# positive regulation of receptor signaling pathway via STAT



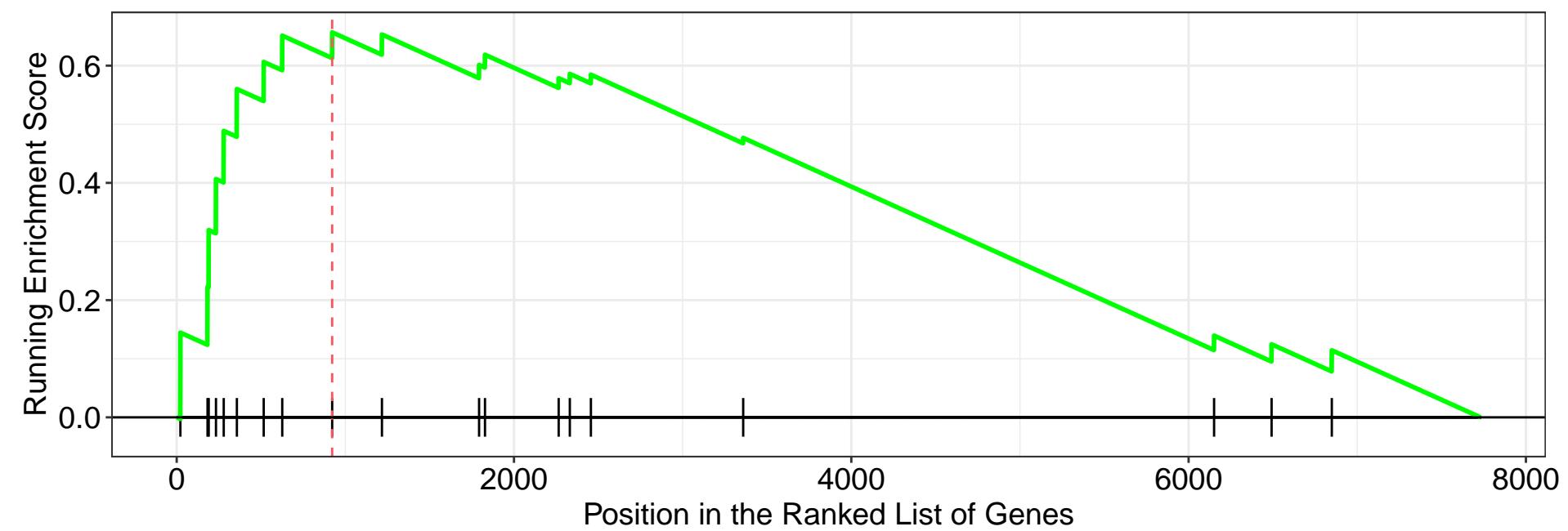
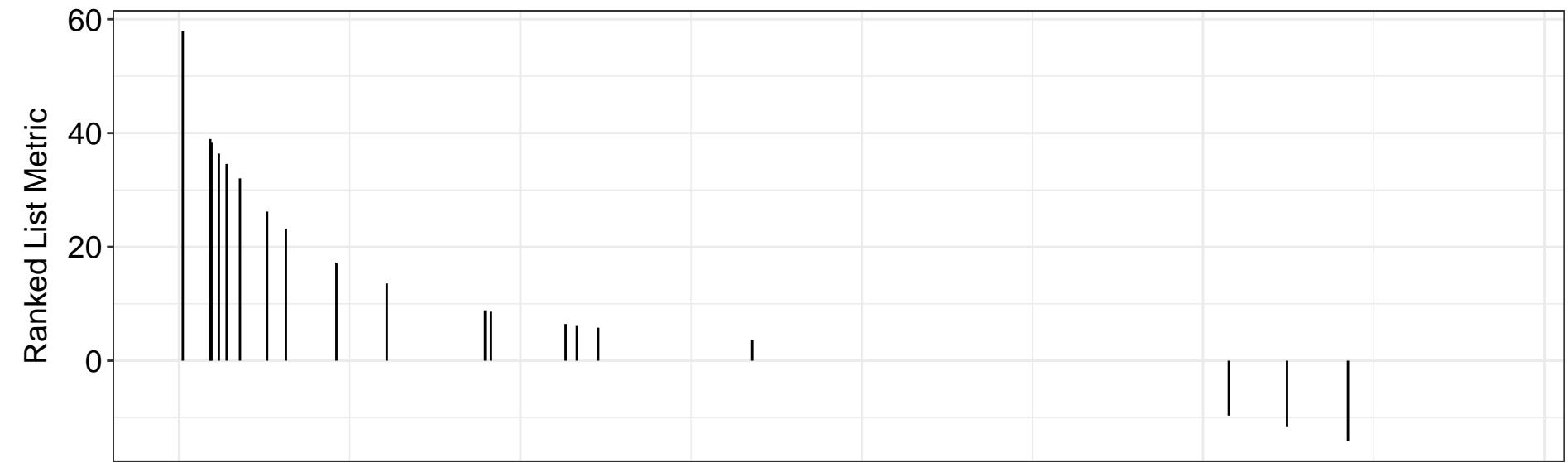
# positive regulation of protein kinase B signaling



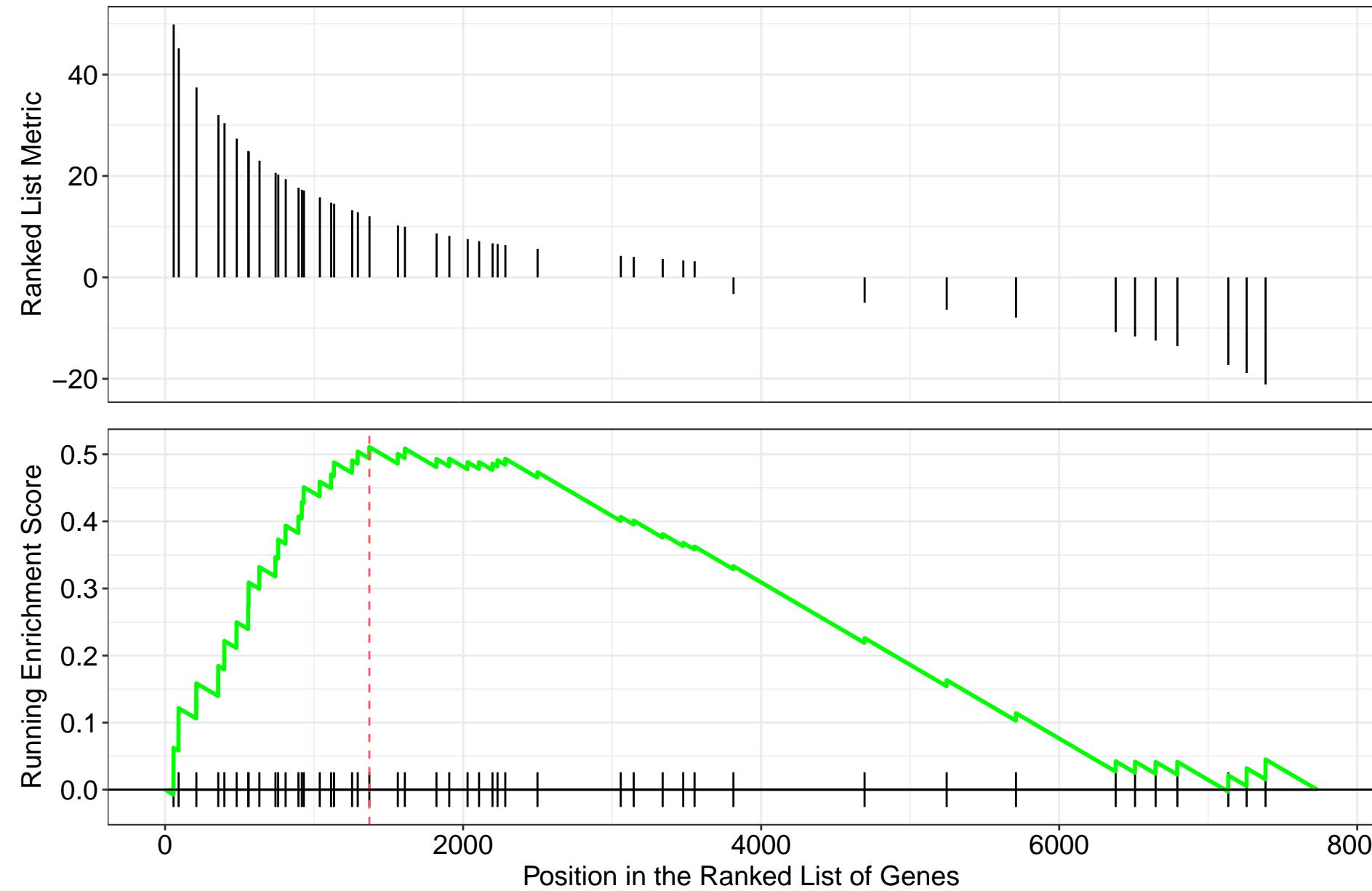
# negative regulation of cytokine-mediated signaling pathway



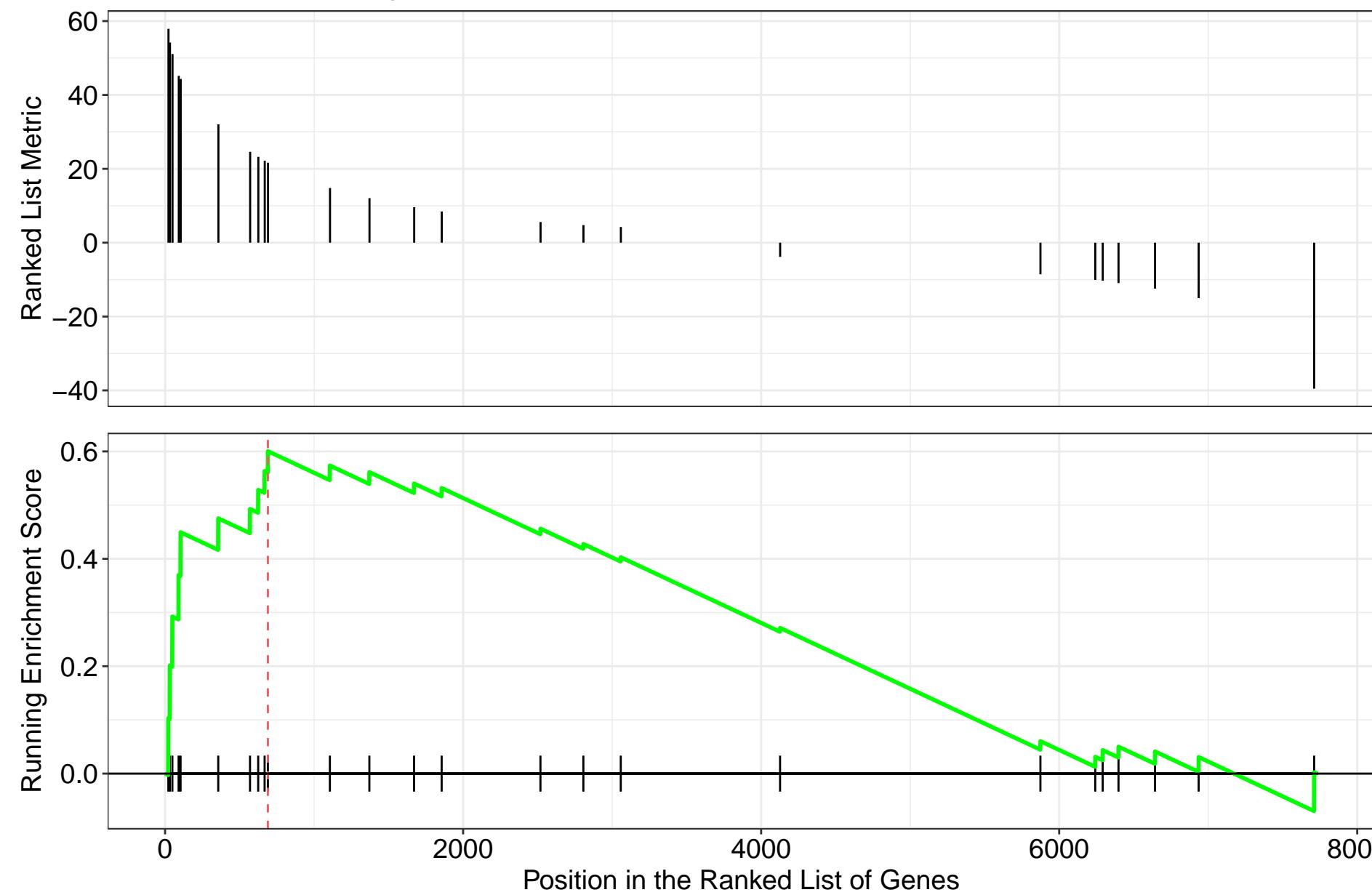
# positive regulation of macrophage migration



# T cell differentiation involved in immune response

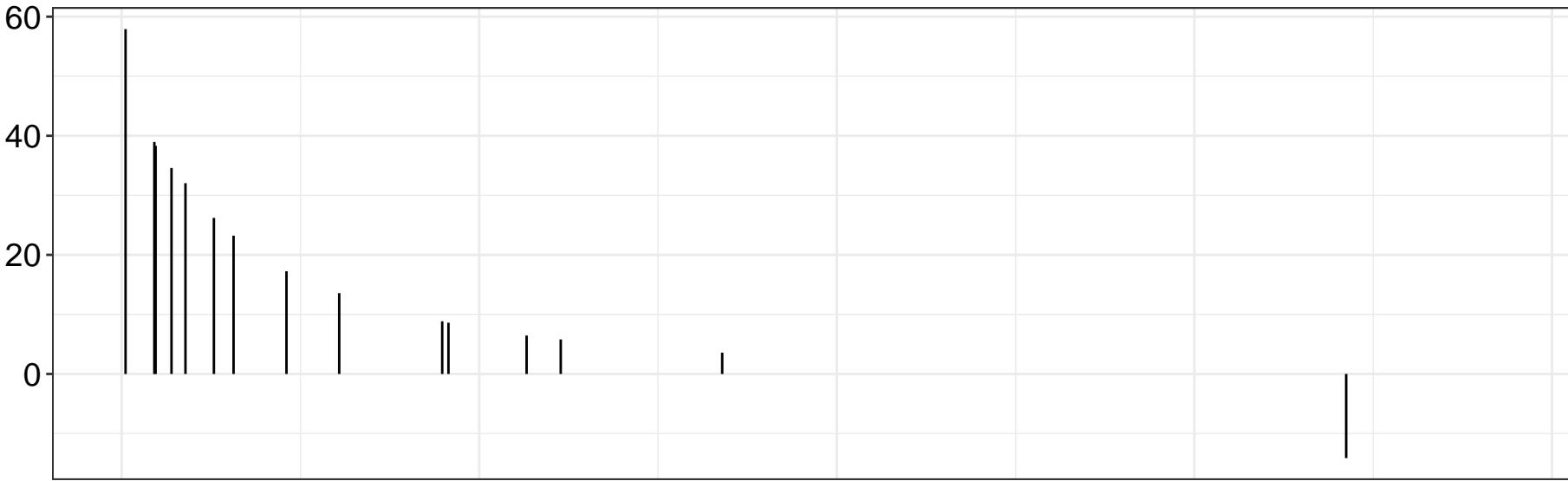


# regulation of acute inflammatory response

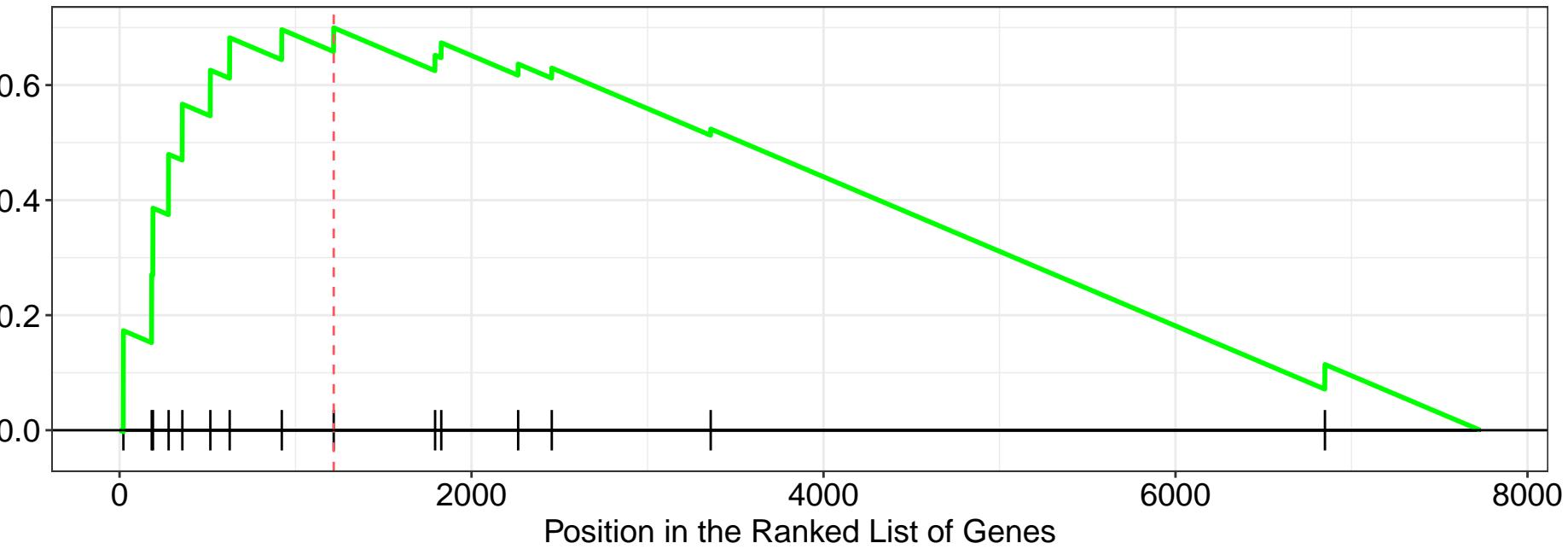


# positive regulation of macrophage chemotaxis

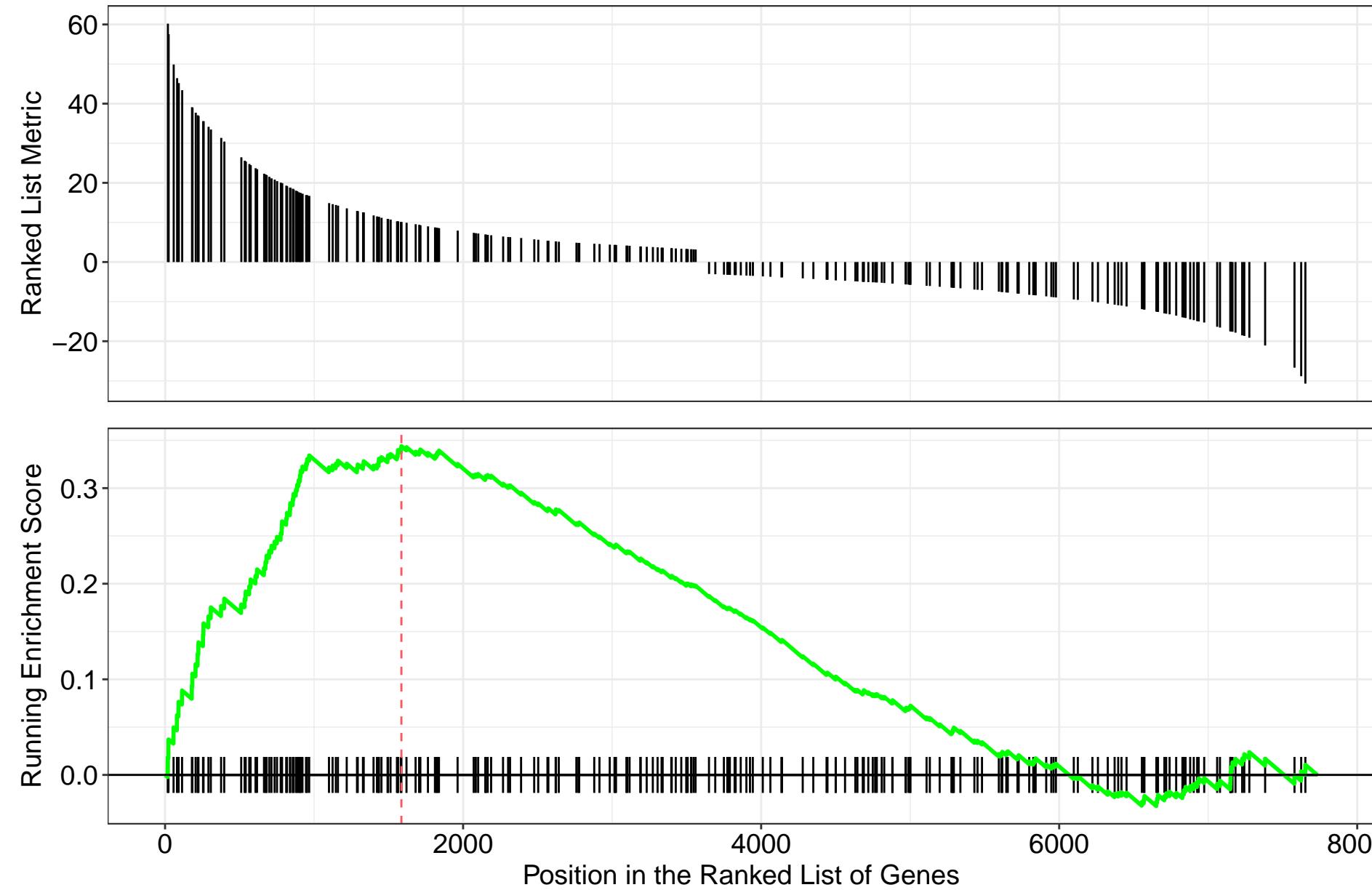
Ranked List Metric



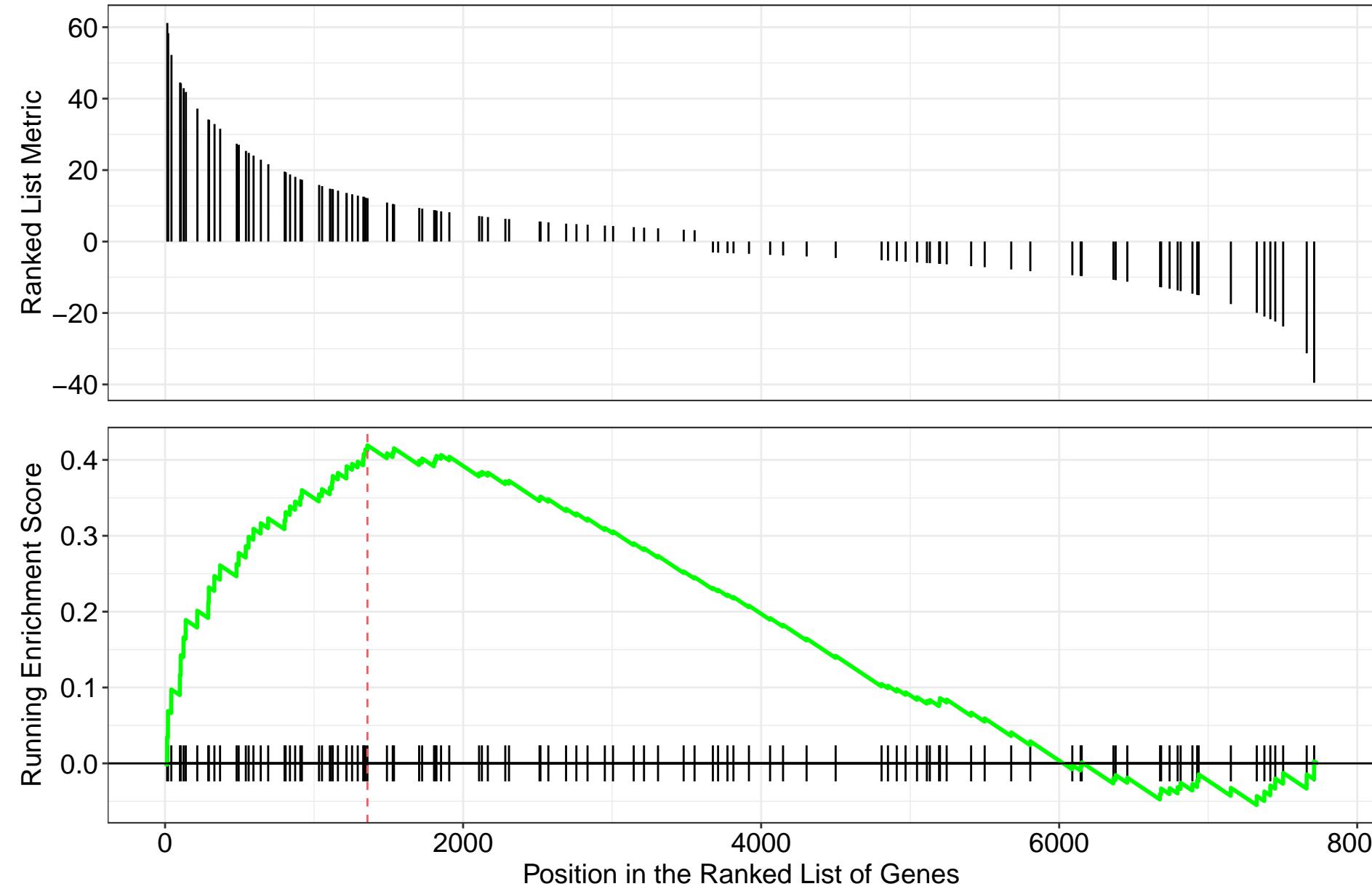
Running Enrichment Score



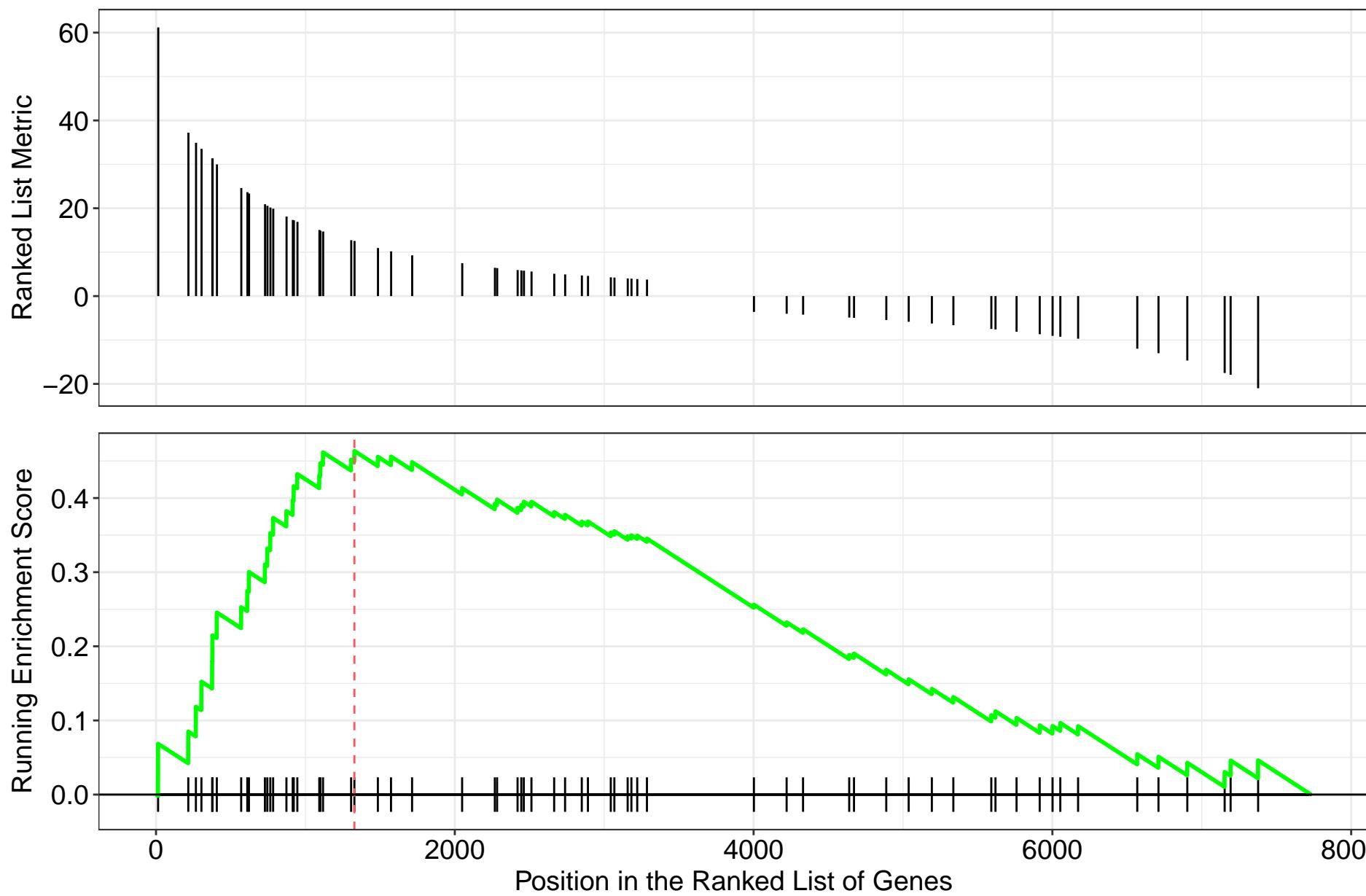
# response to growth factor



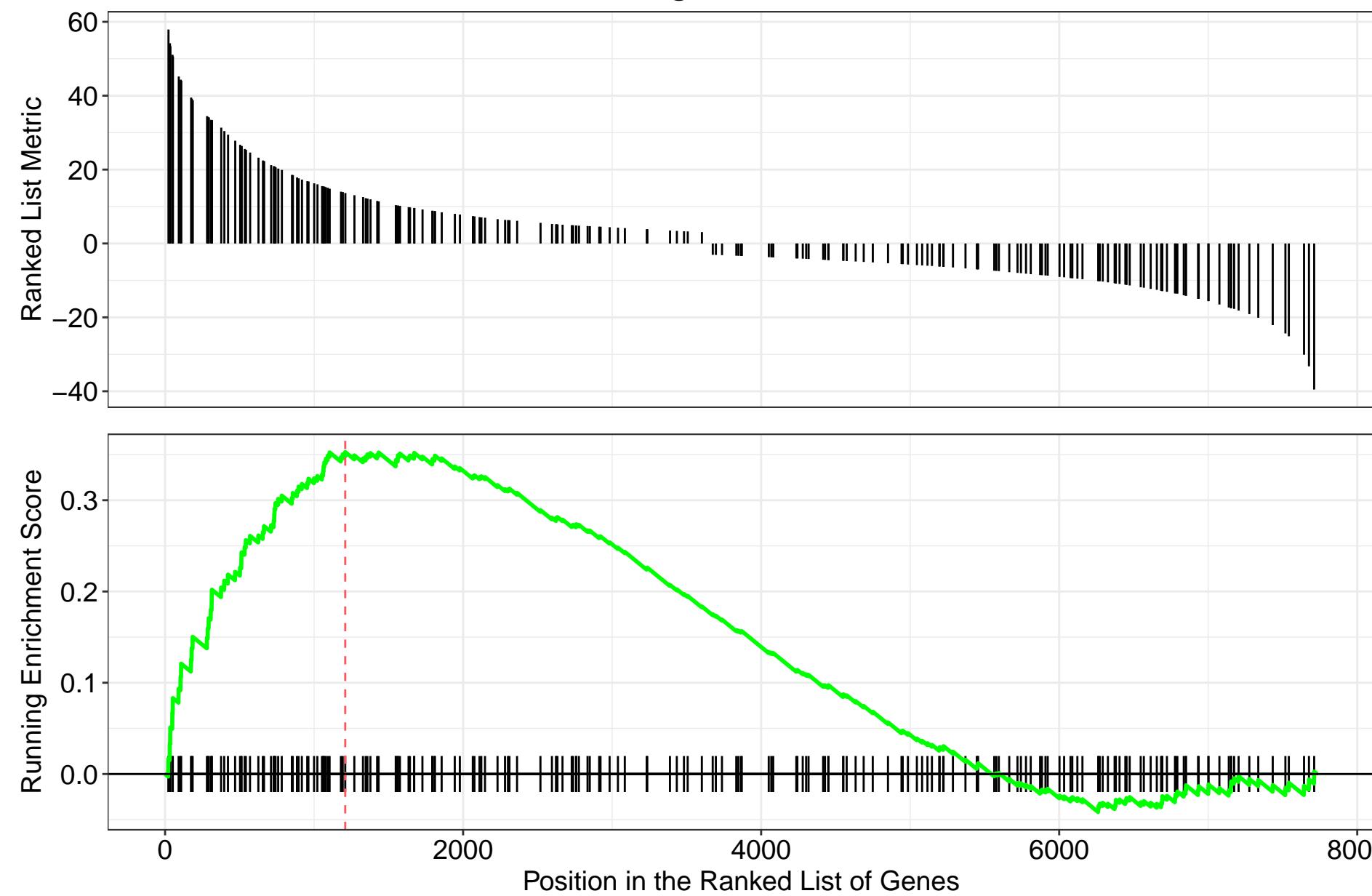
# negative regulation of cell activation



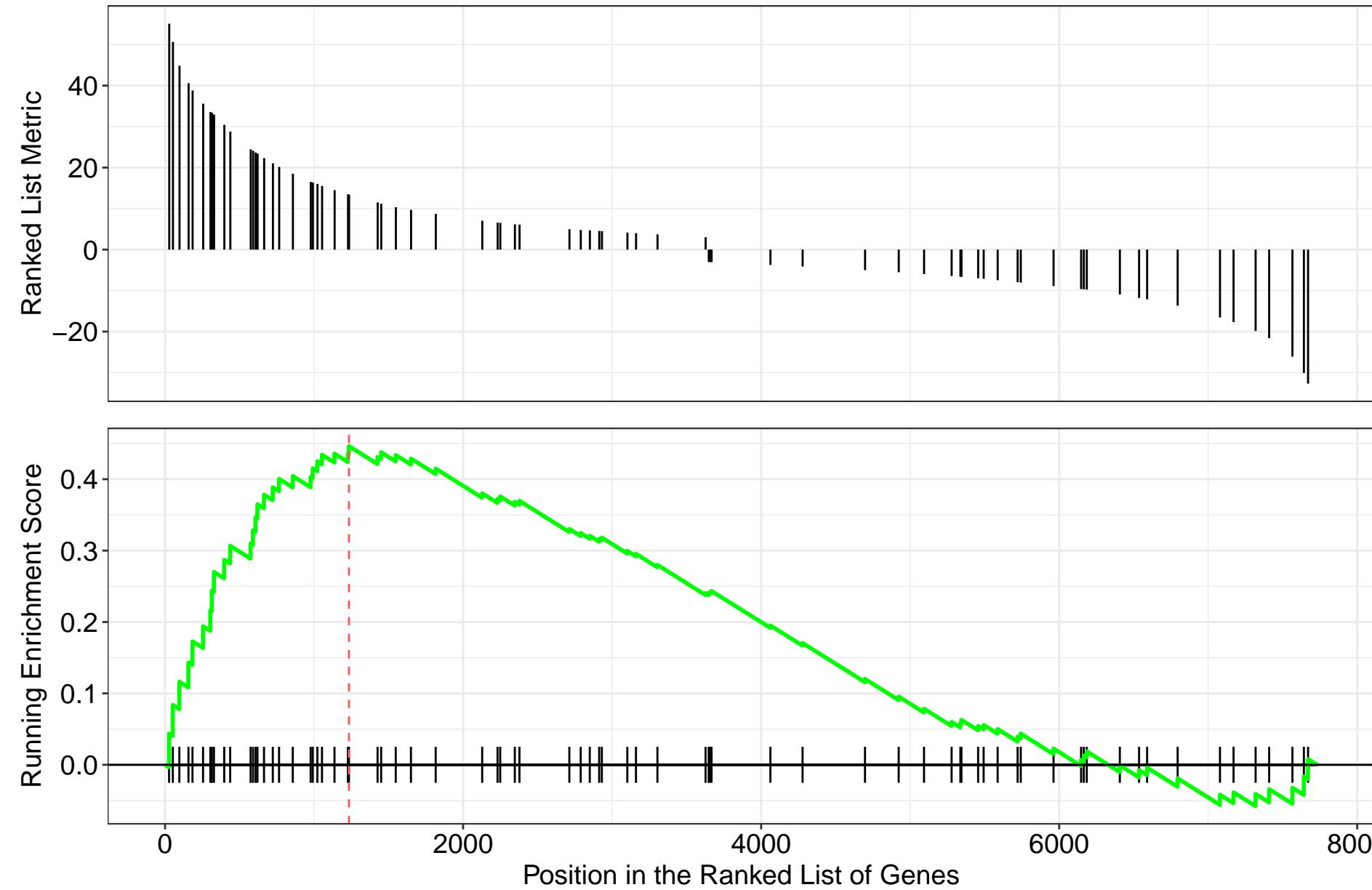
# positive regulation of apoptotic signaling pathway



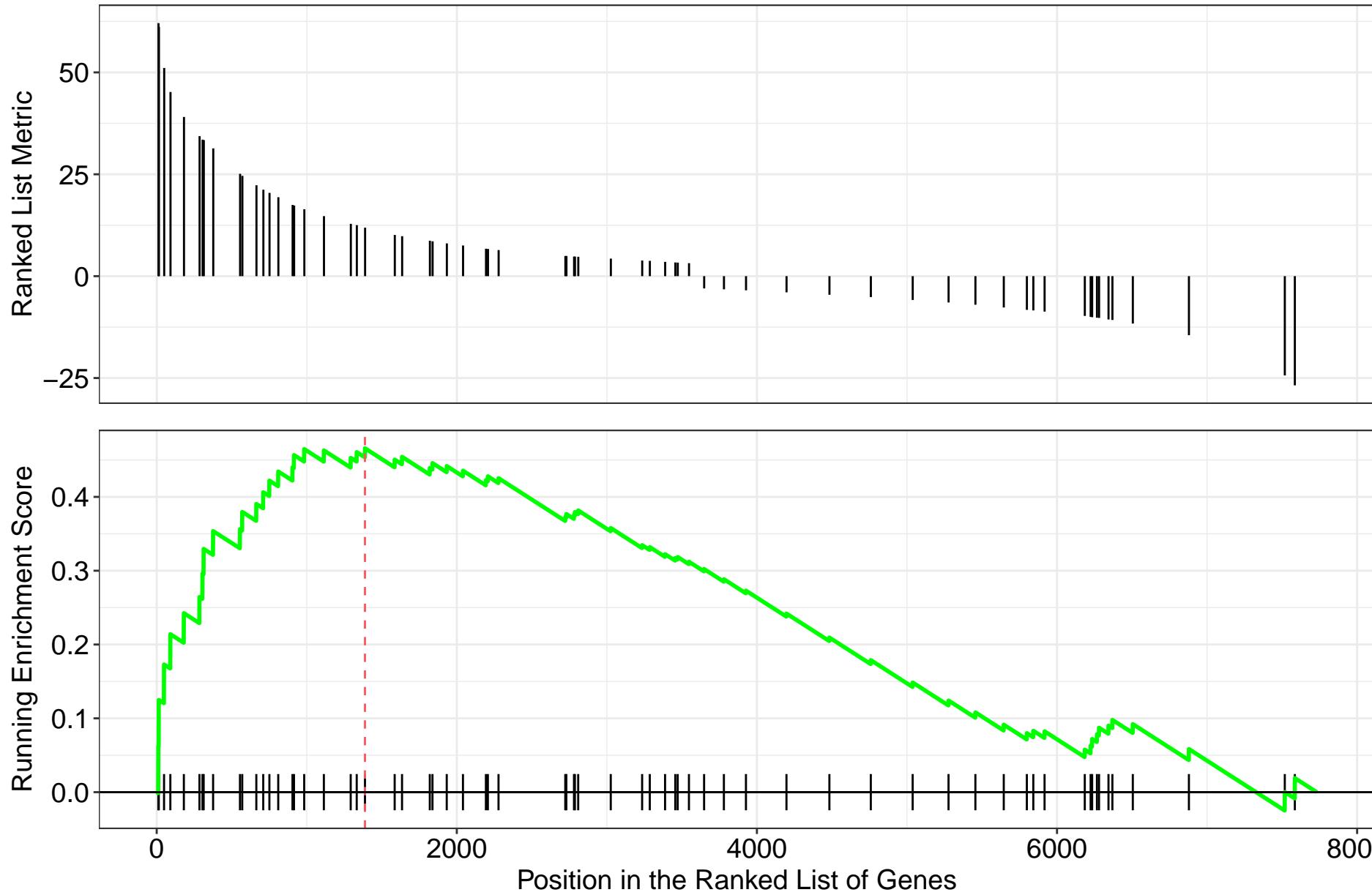
# multicellular organismal homeostasis



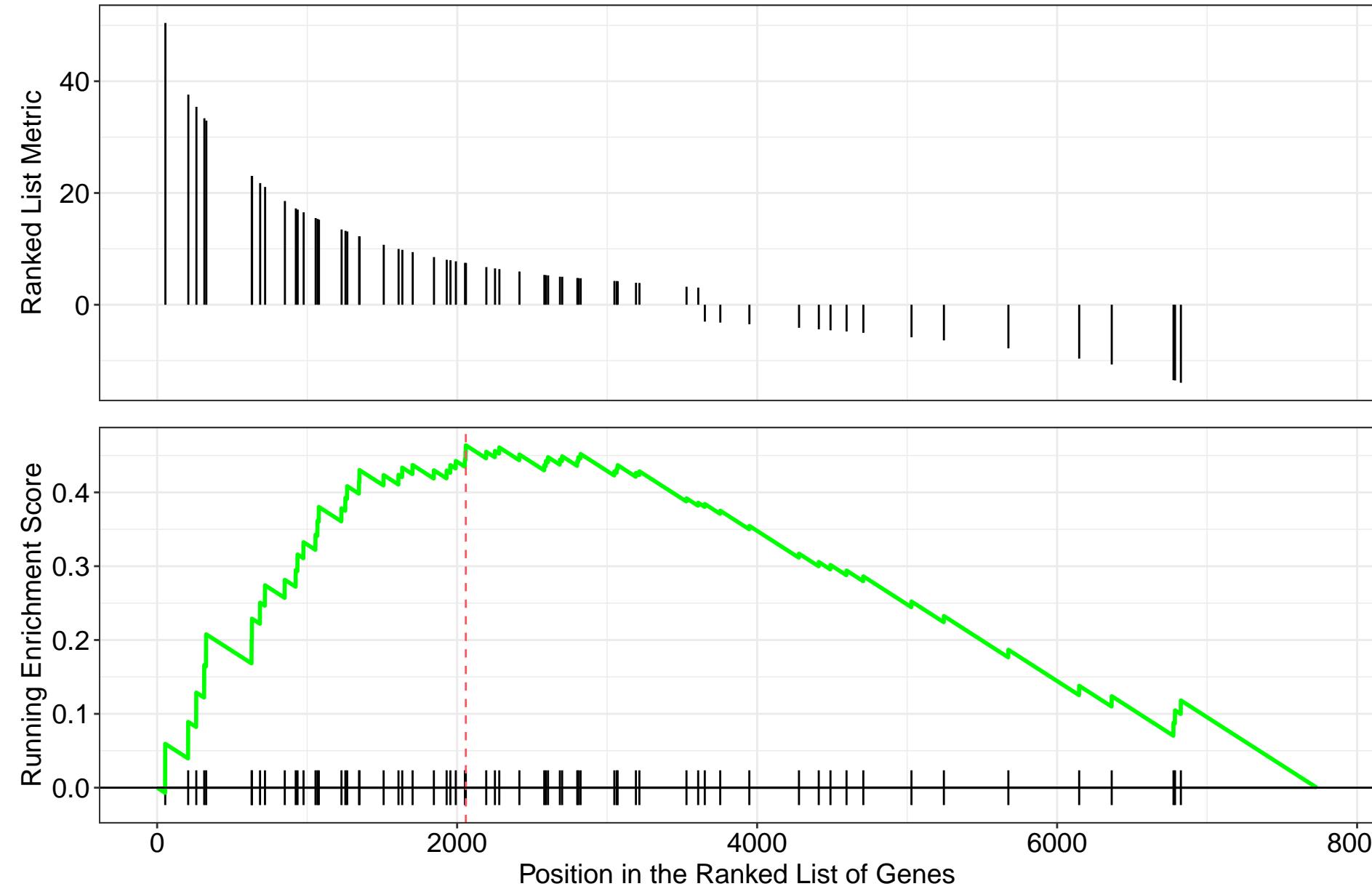
# gonad development



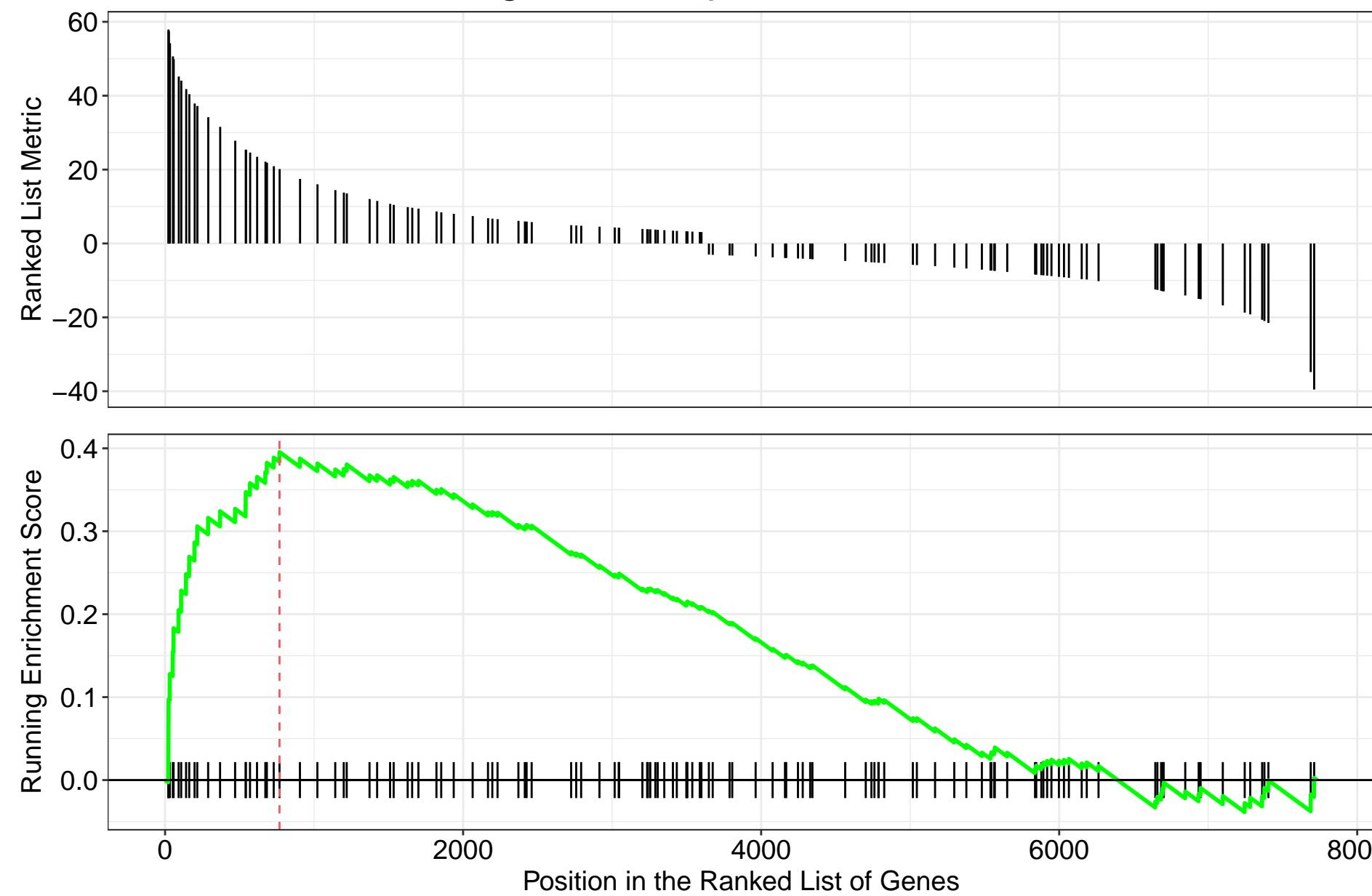
# regulation of peptidyl–serine phosphorylation



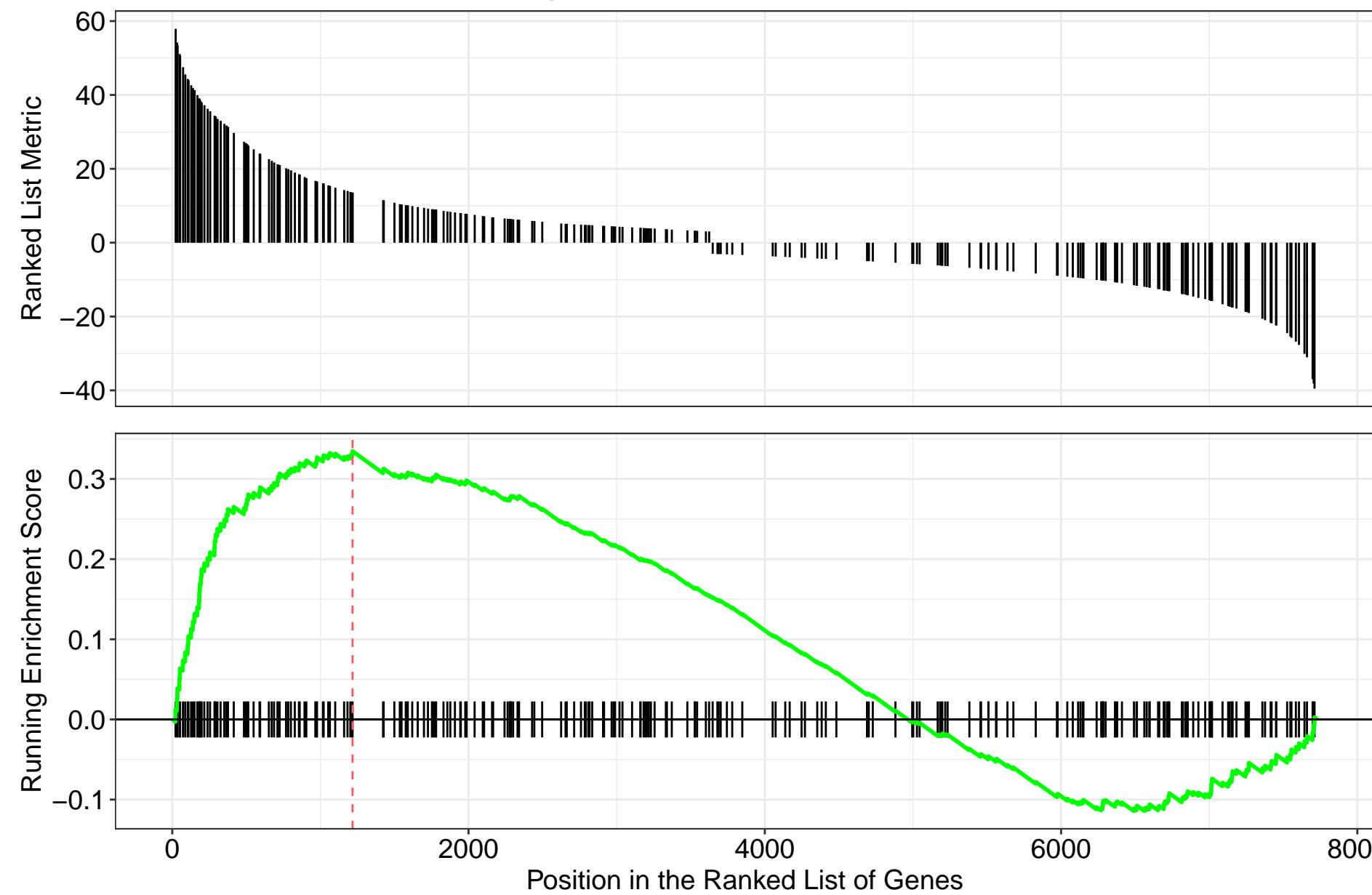
# type I interferon production



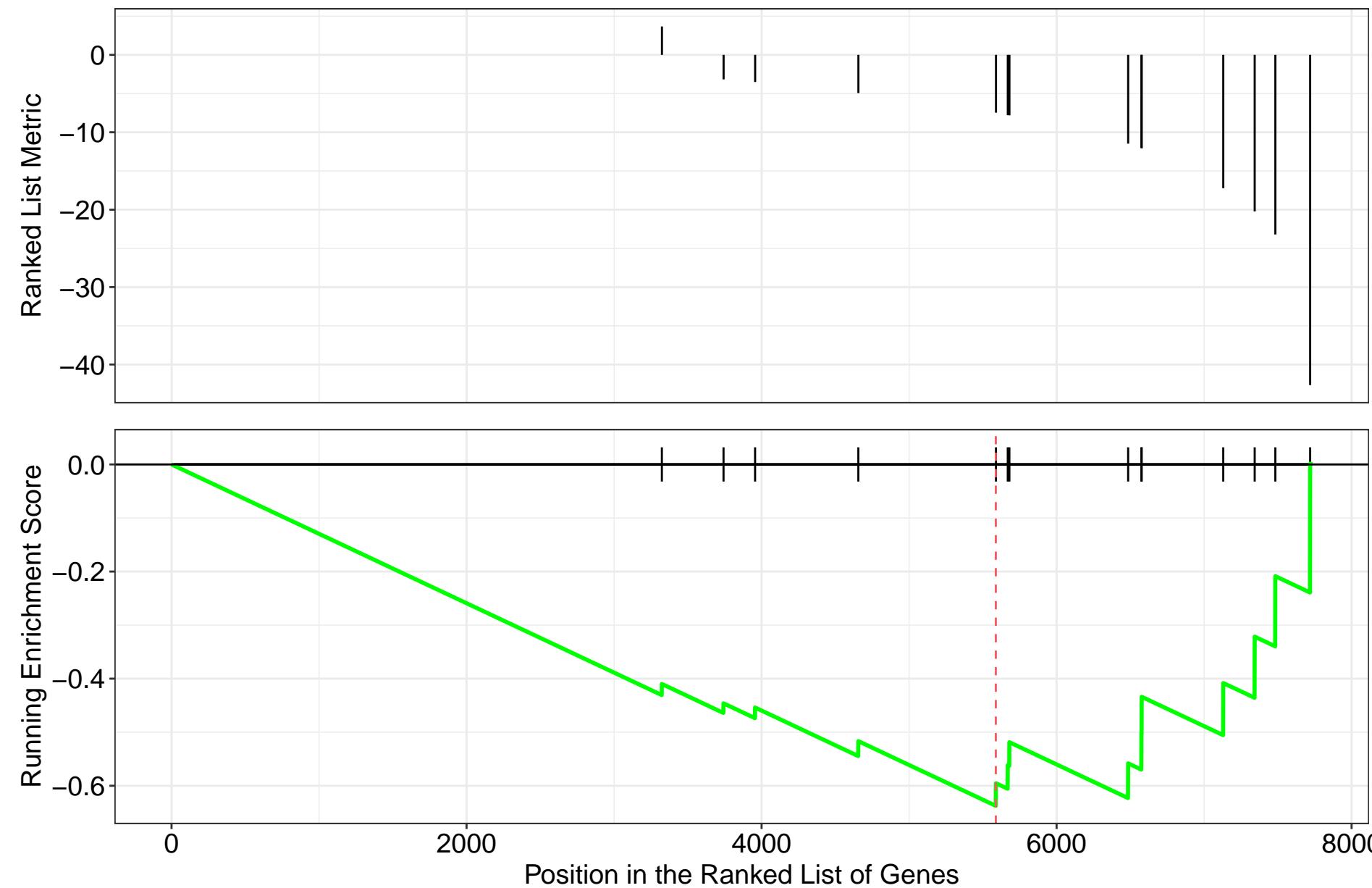
# regulation of protein secretion



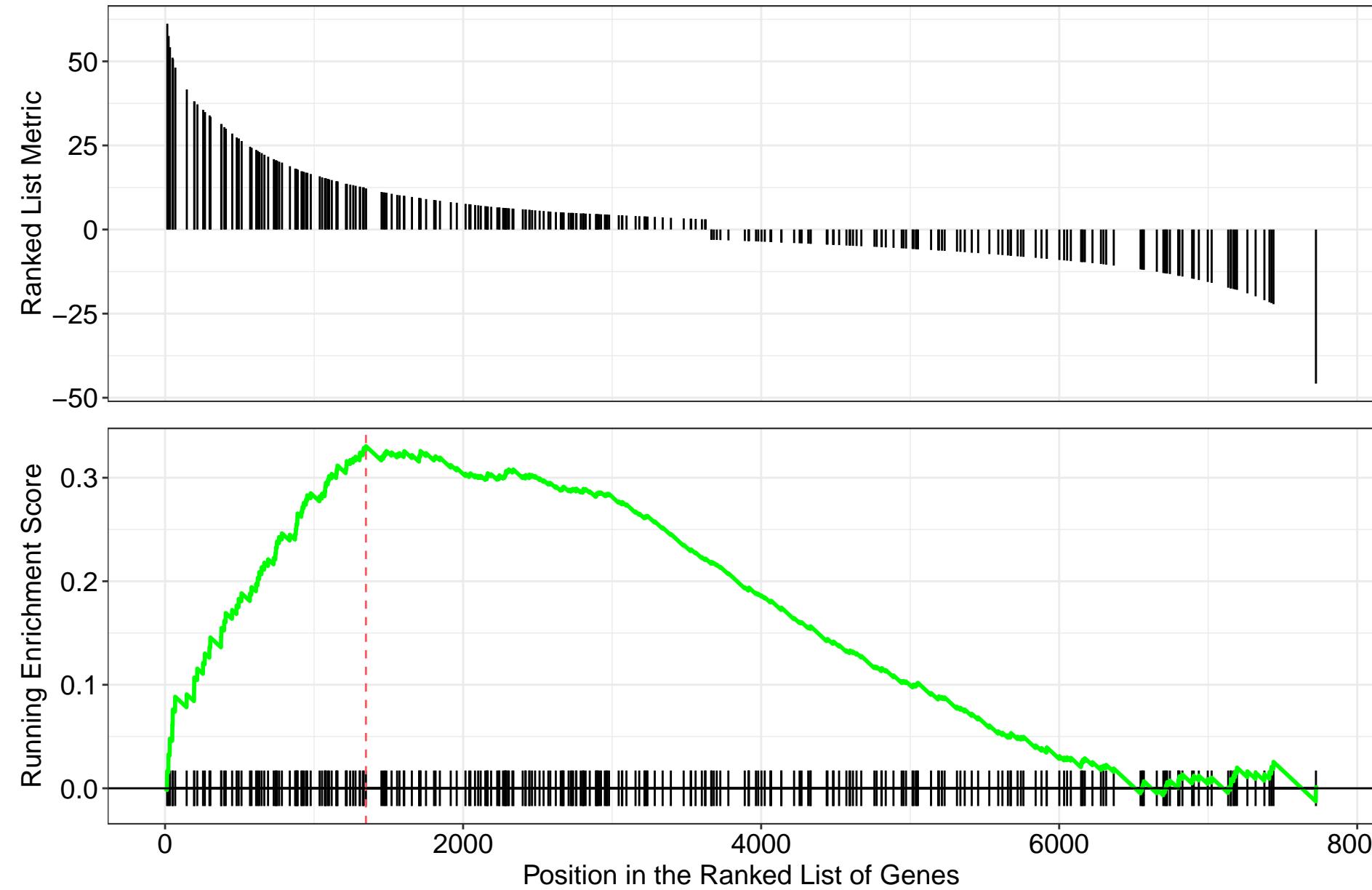
# regulation of ion transport



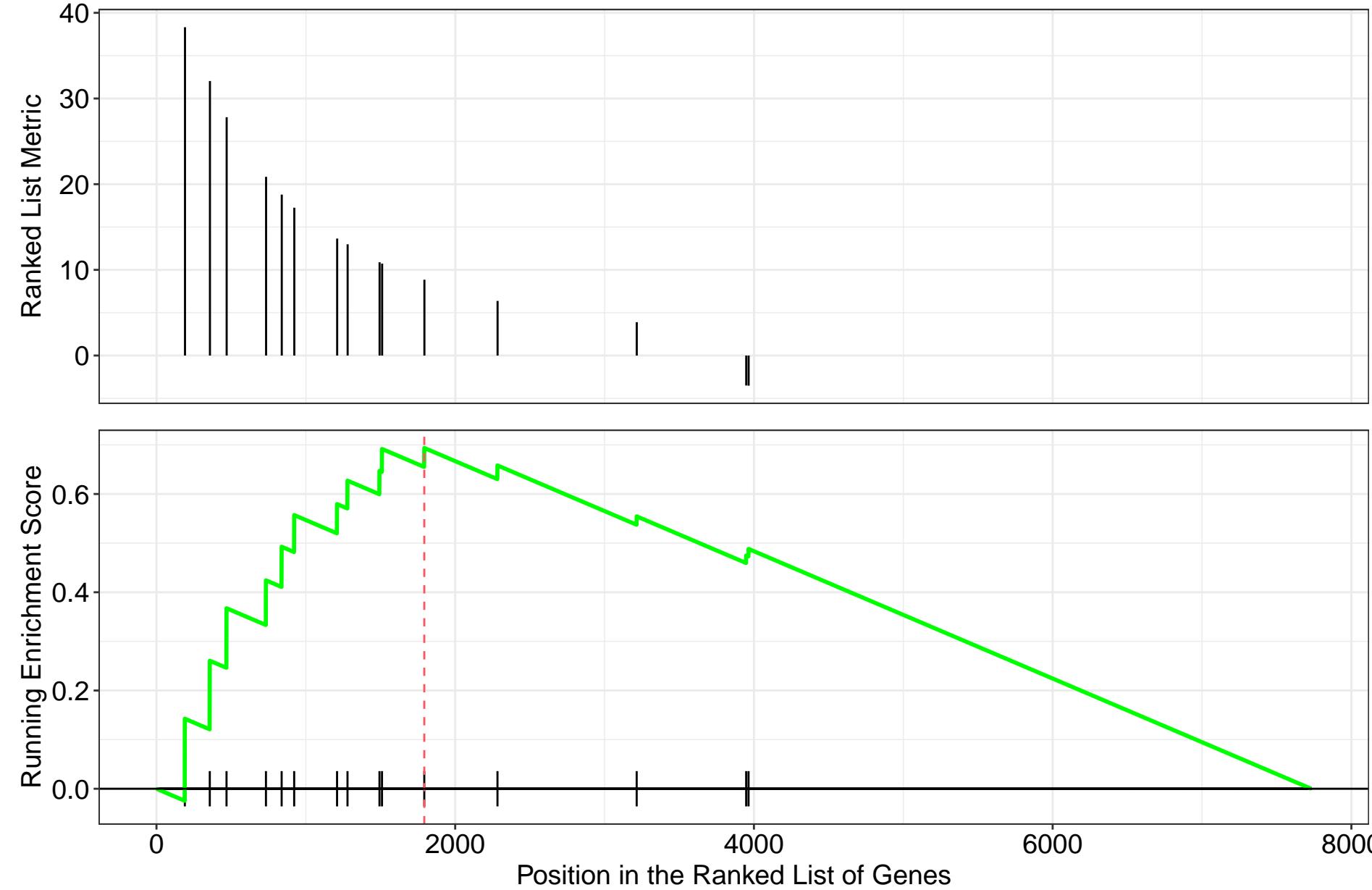
# meiotic chromosome separation



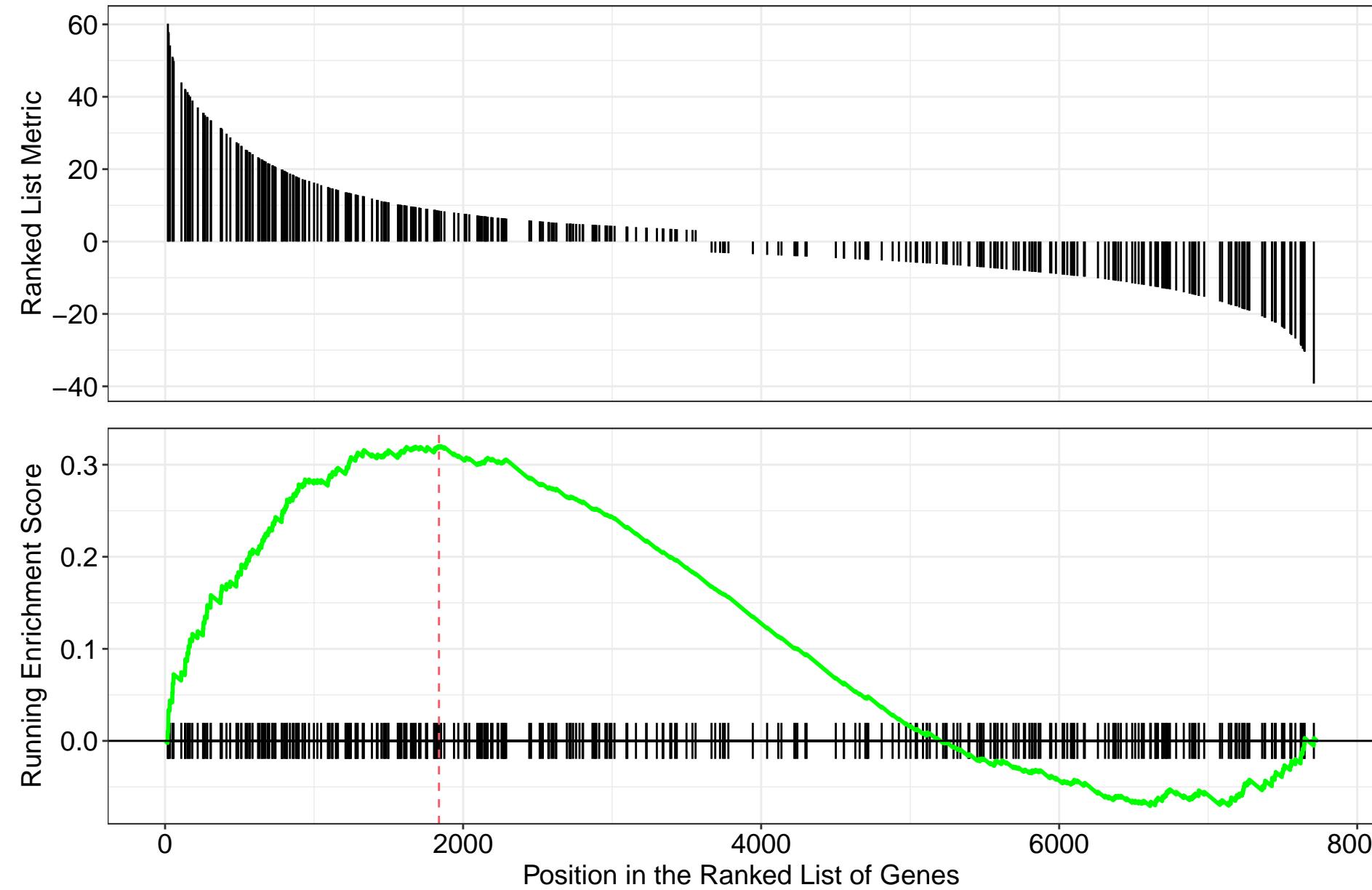
# apoptotic signaling pathway



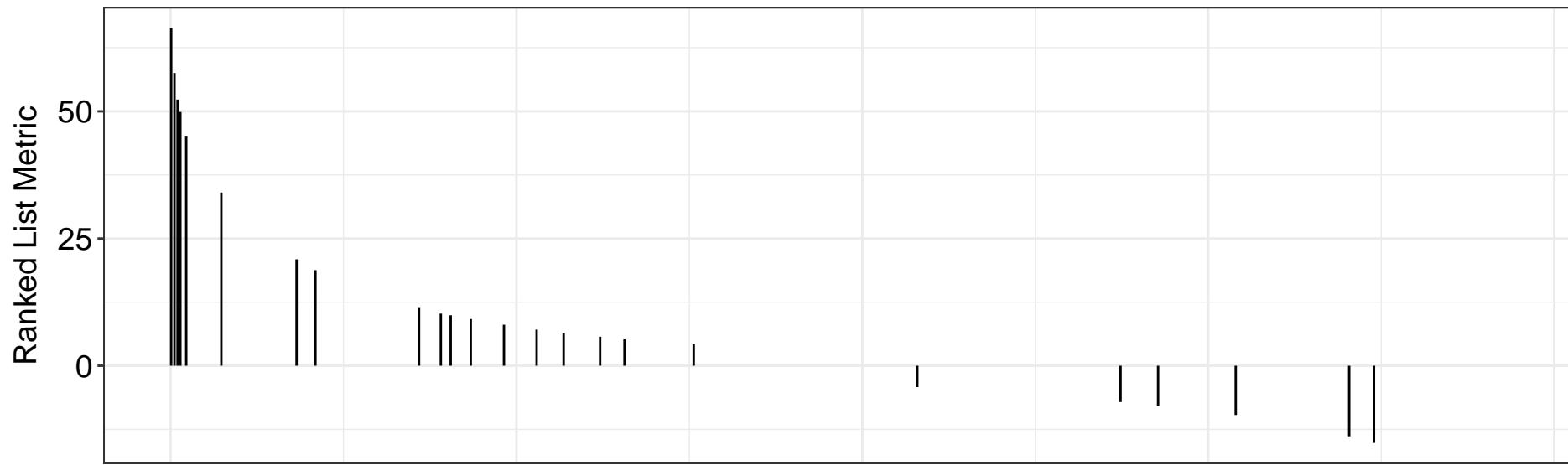
# negative regulation of interleukin-12 production



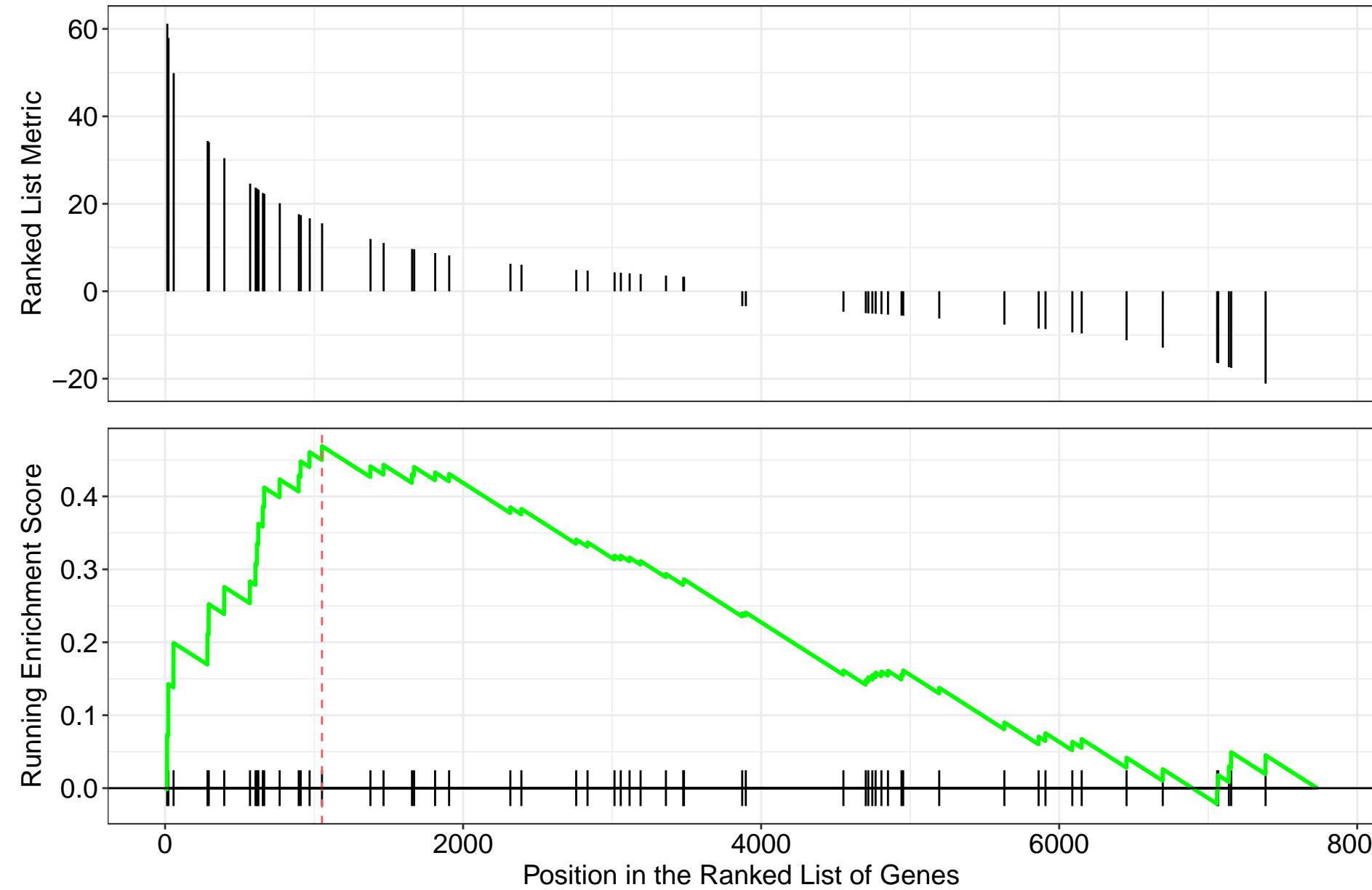
# vasculature development



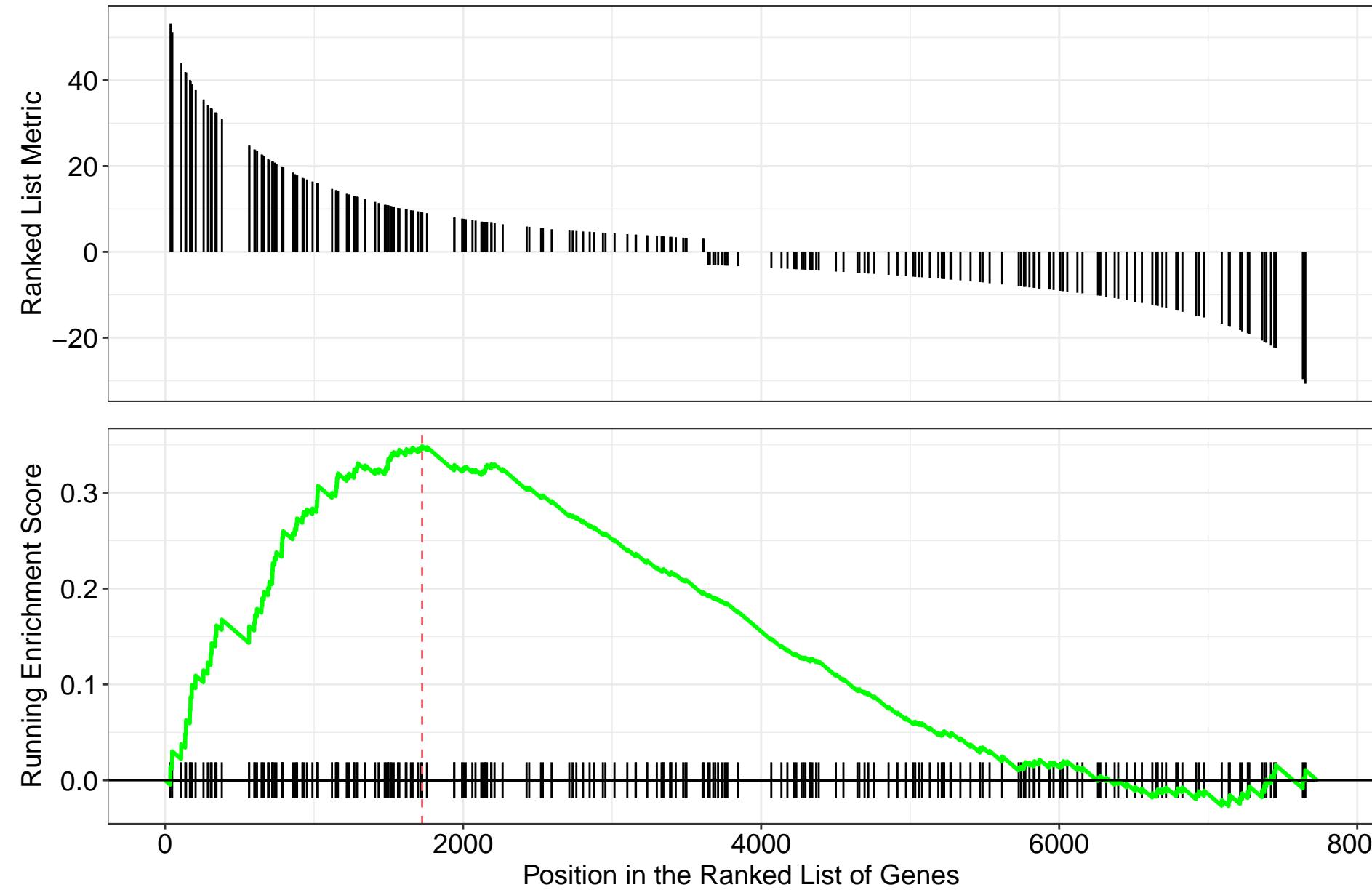
# positive regulation of receptor signaling pathway via JAK–STAT



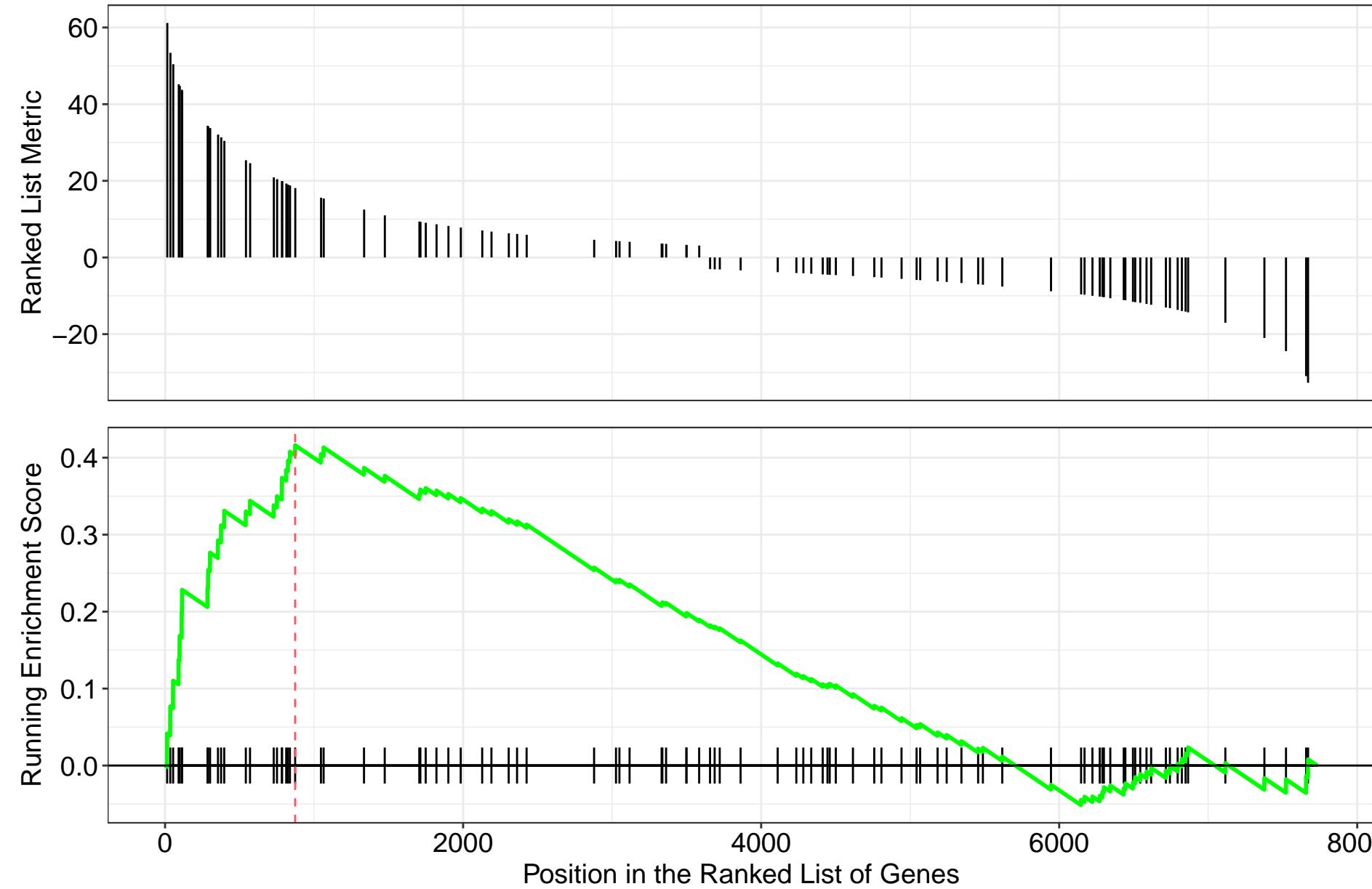
# osteoclast differentiation



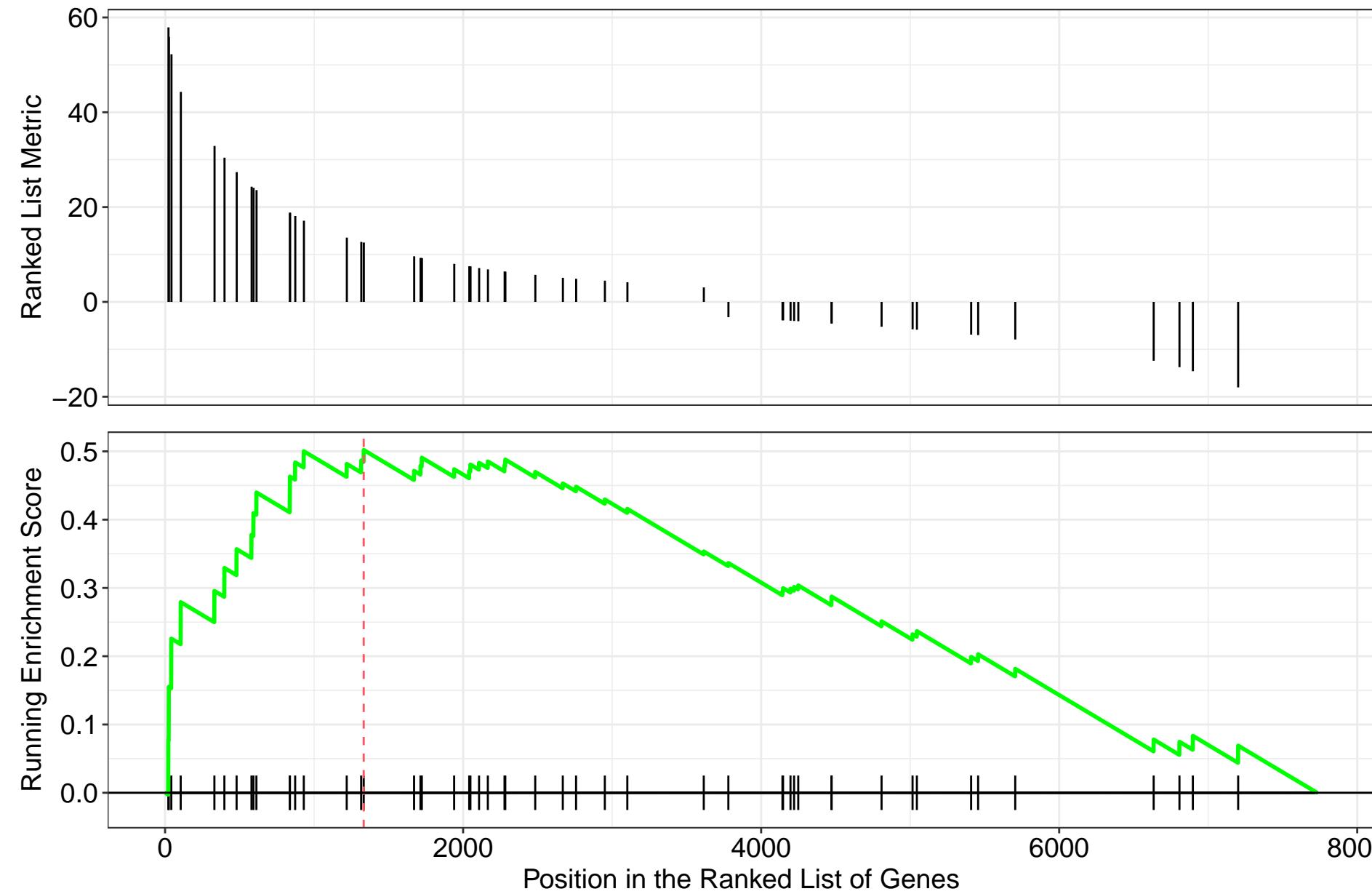
# heart development



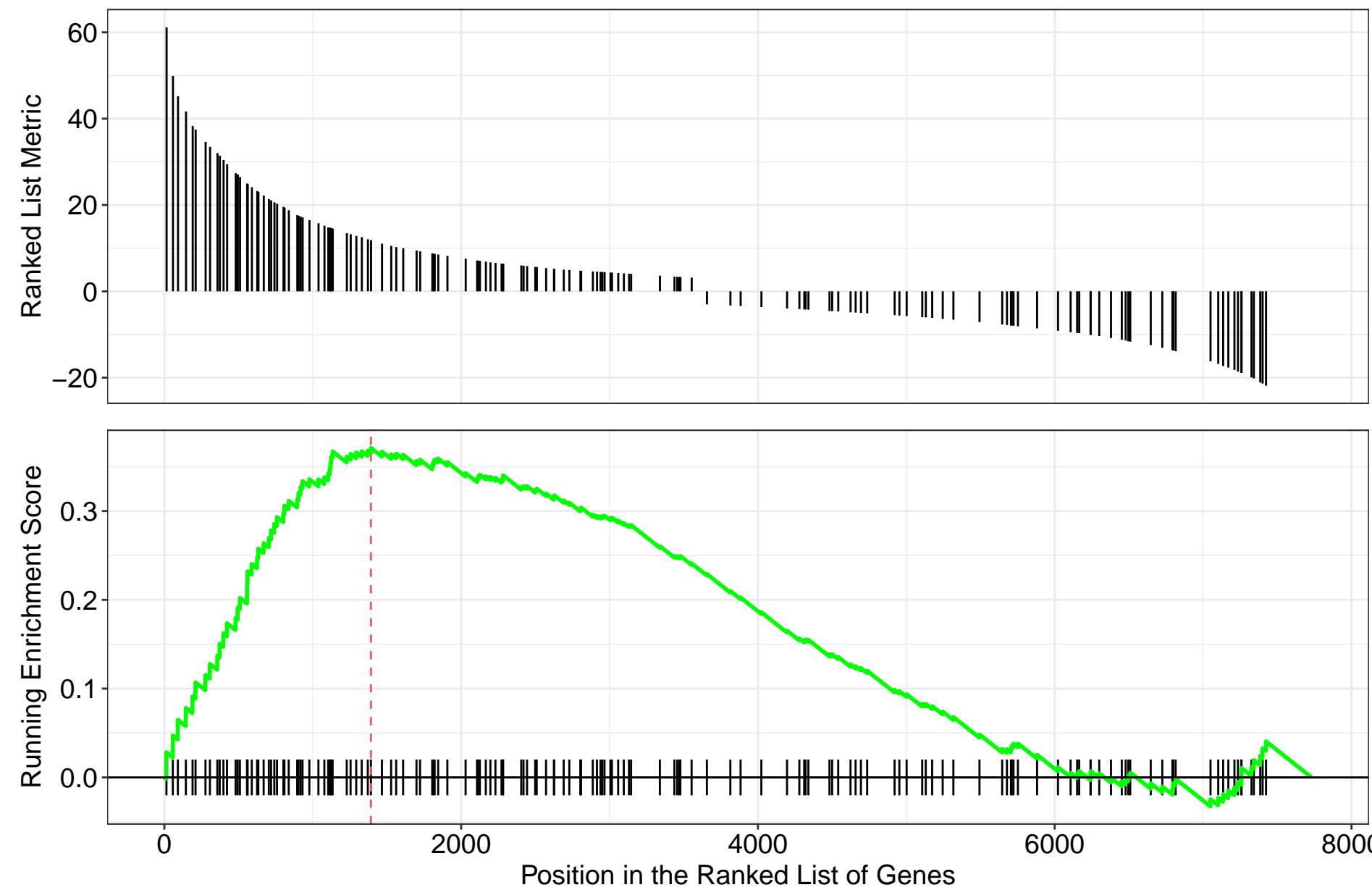
# response to steroid hormone



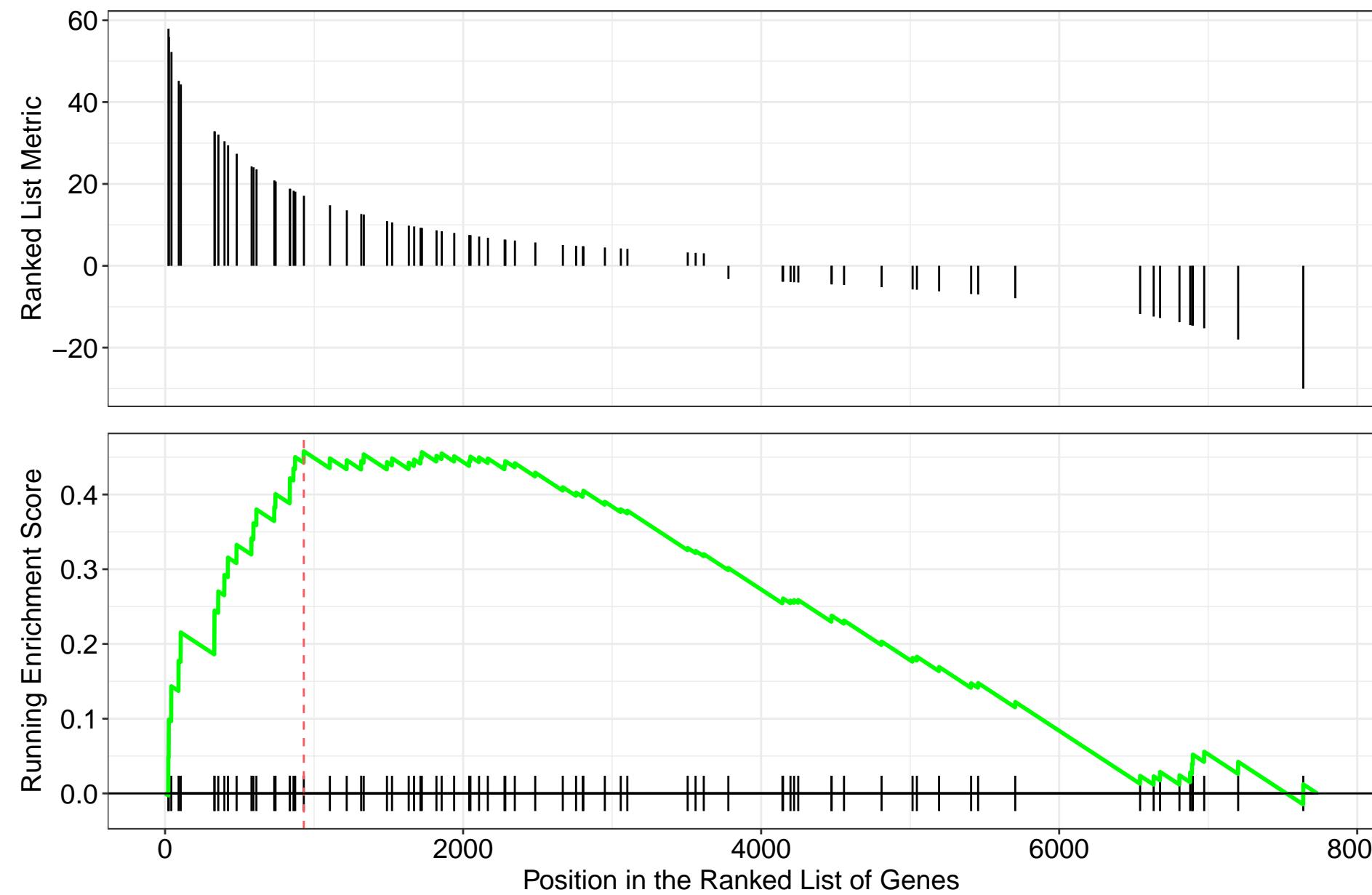
# lymphocyte apoptotic process



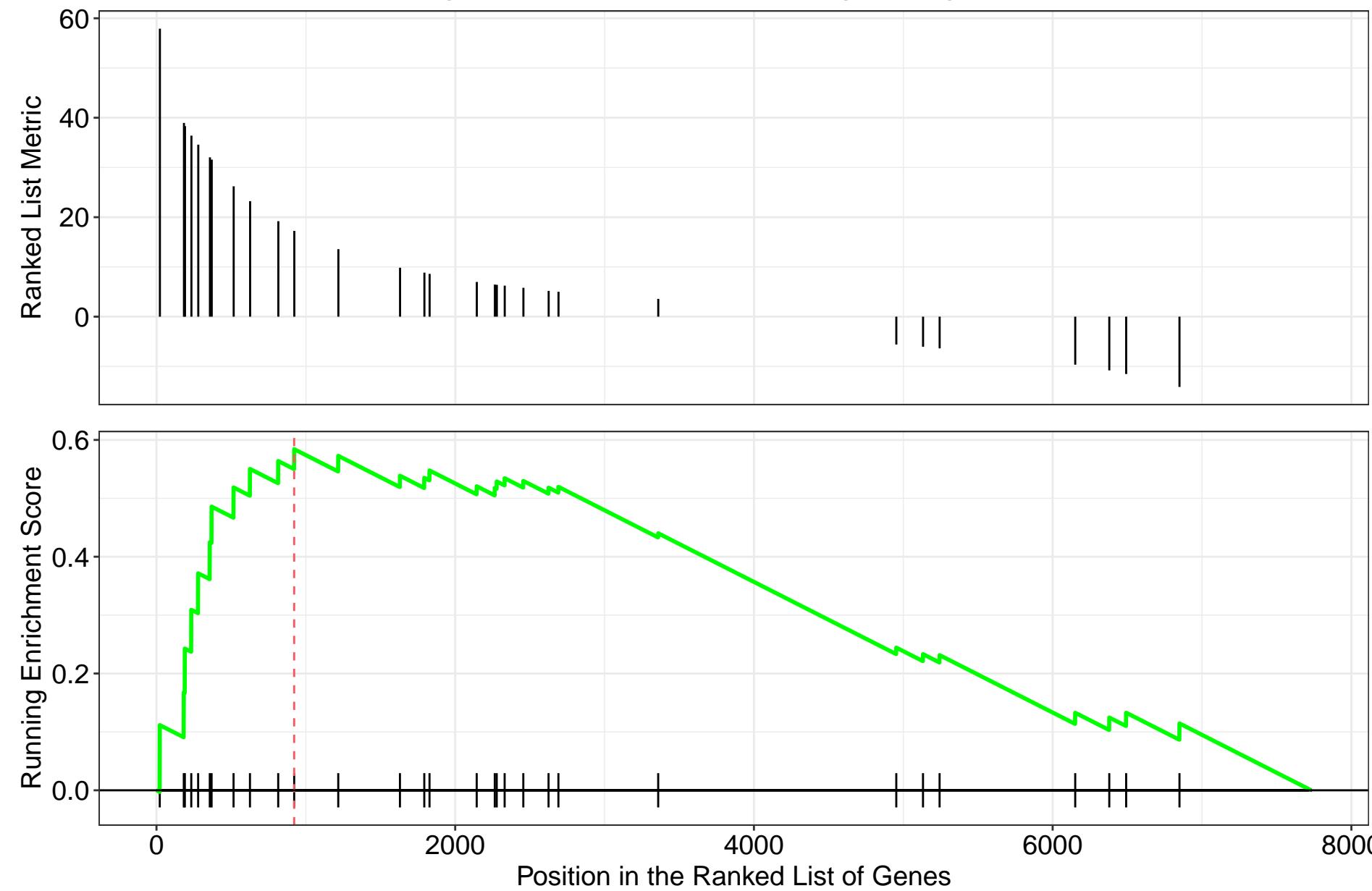
# leukocyte activation involved in immune response



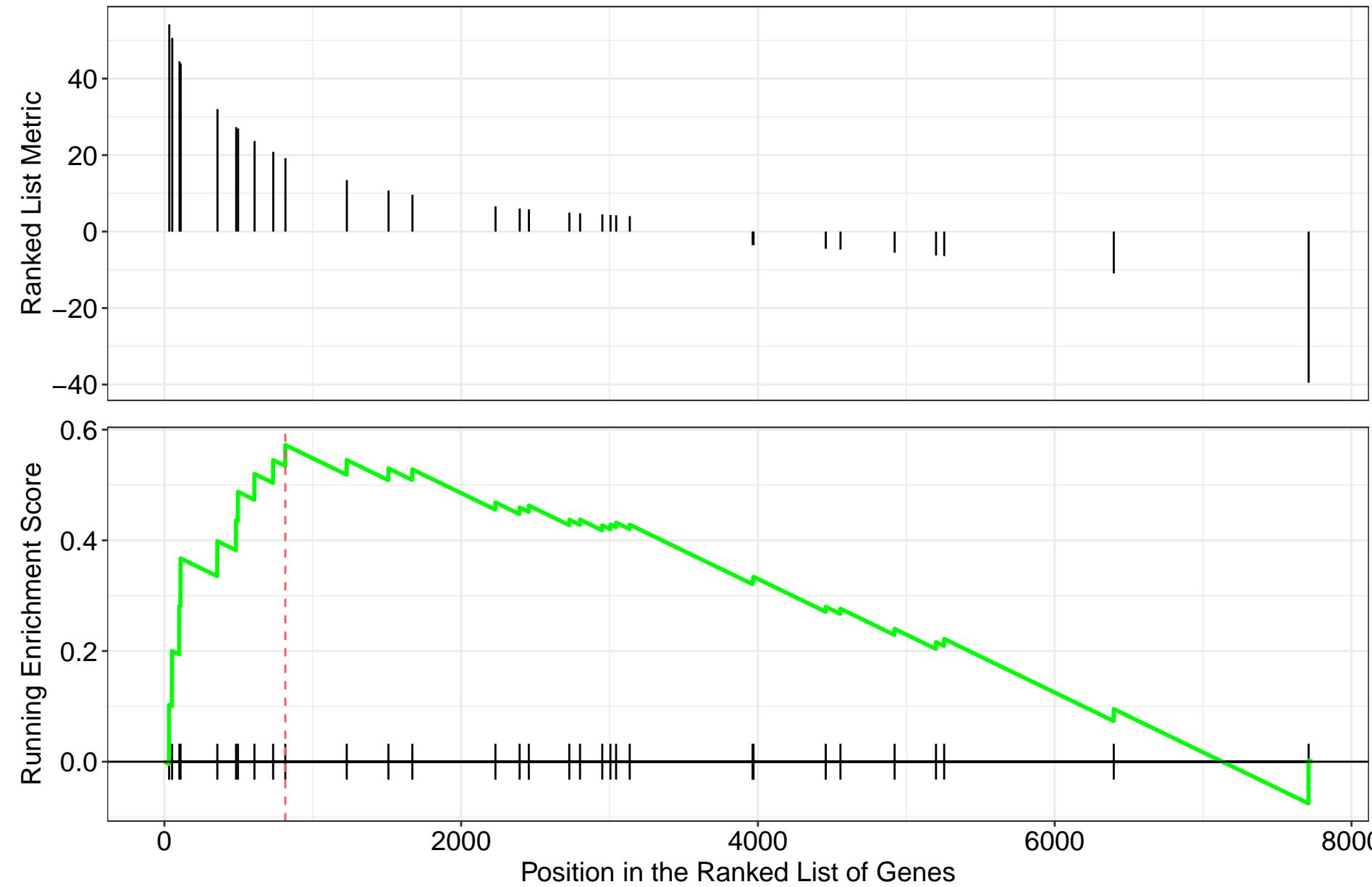
# leukocyte apoptotic process



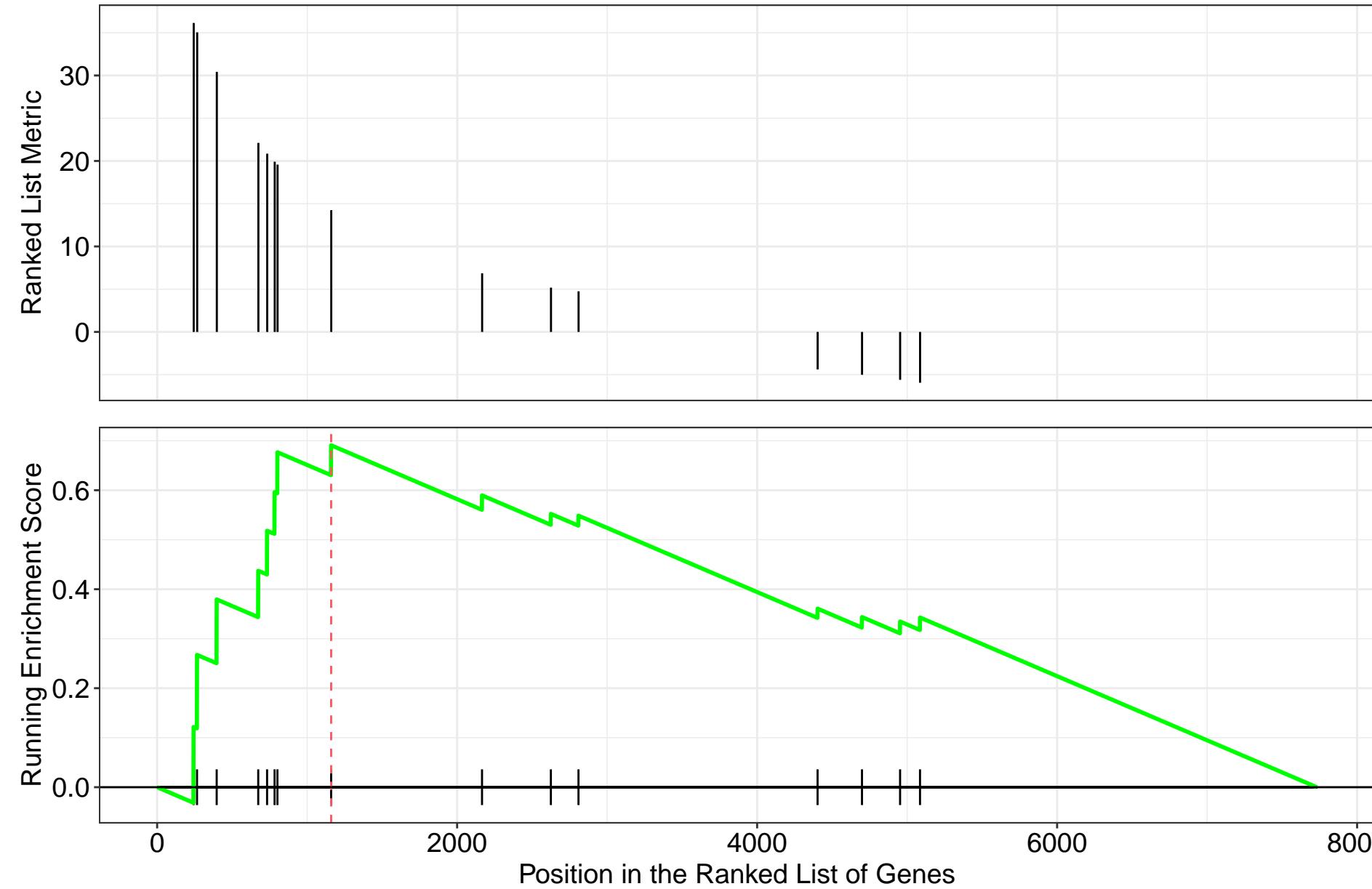
# regulation of macrophage migration



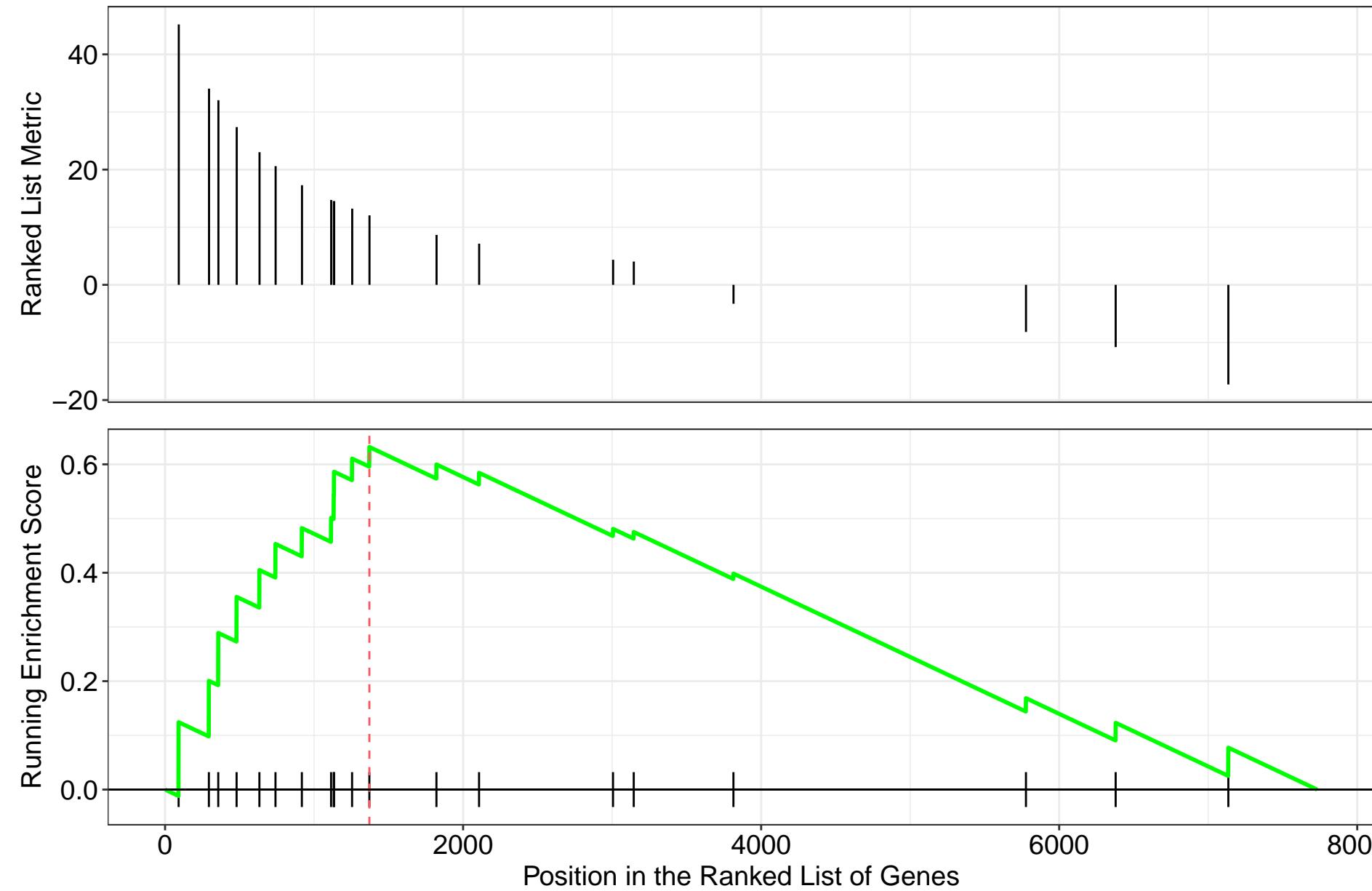
# regulation of neutrophil migration



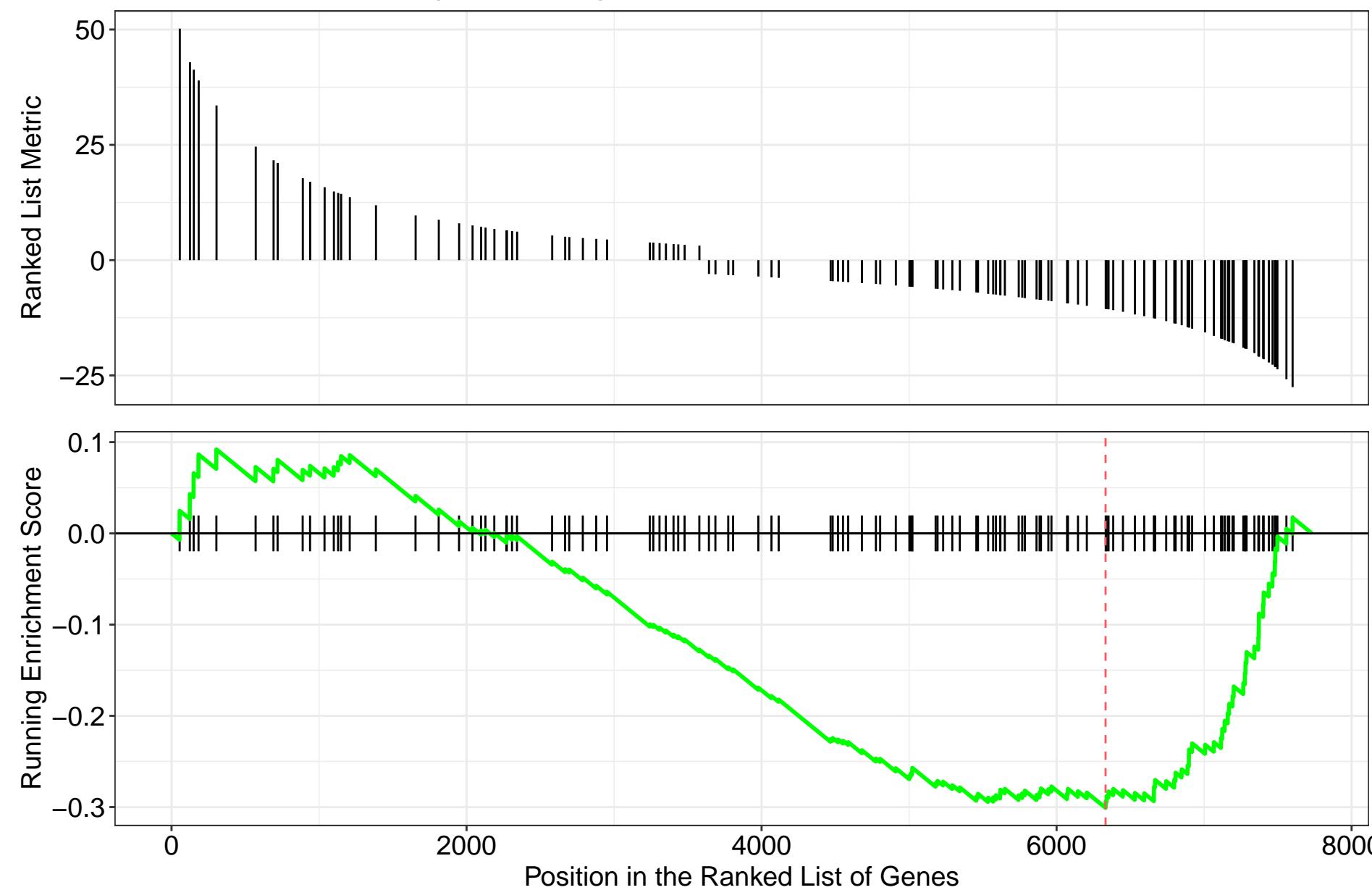
# positive regulation of lipid kinase activity



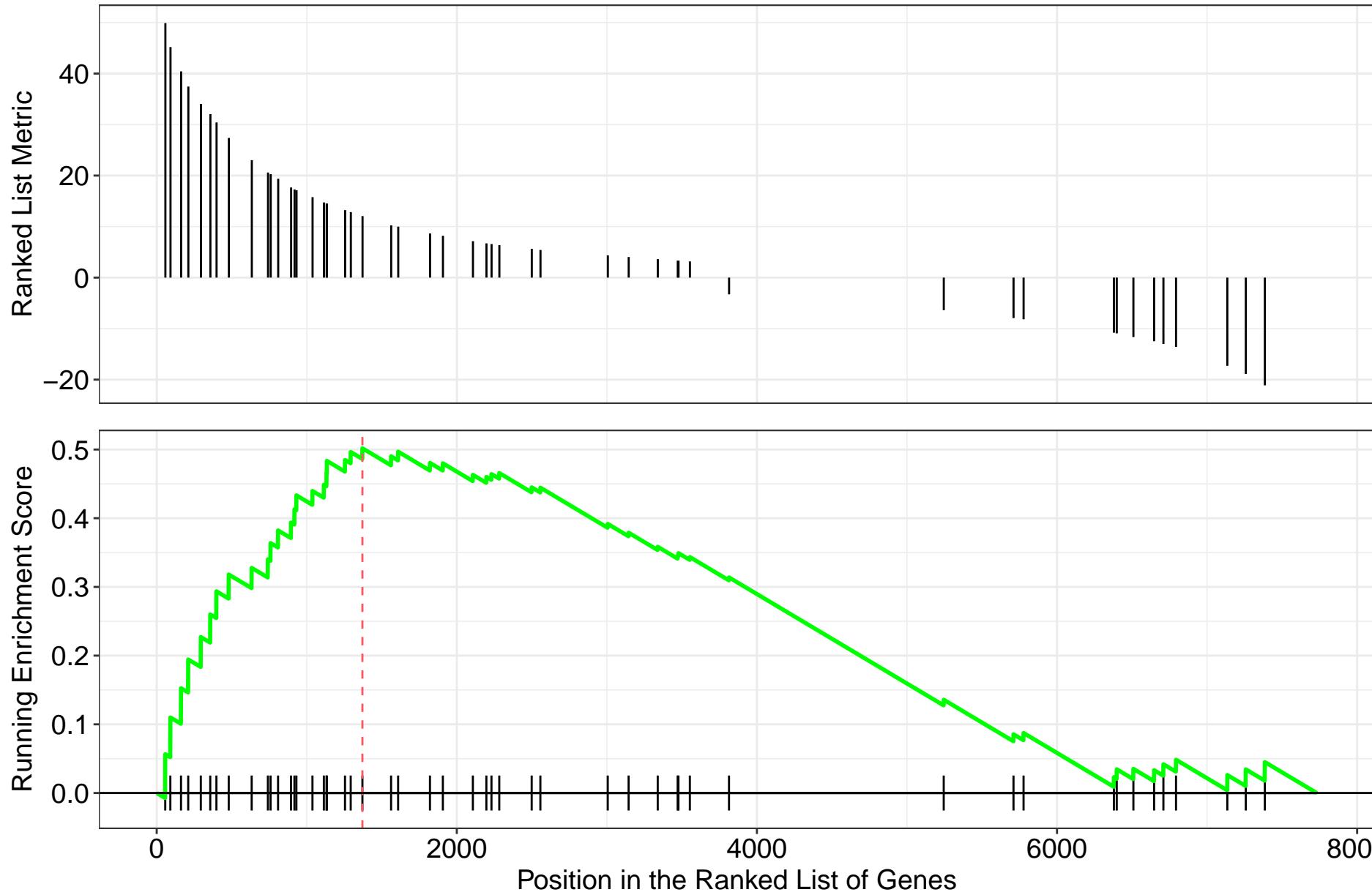
# positive regulation of CD4-positive, alpha–beta T cell differentiation



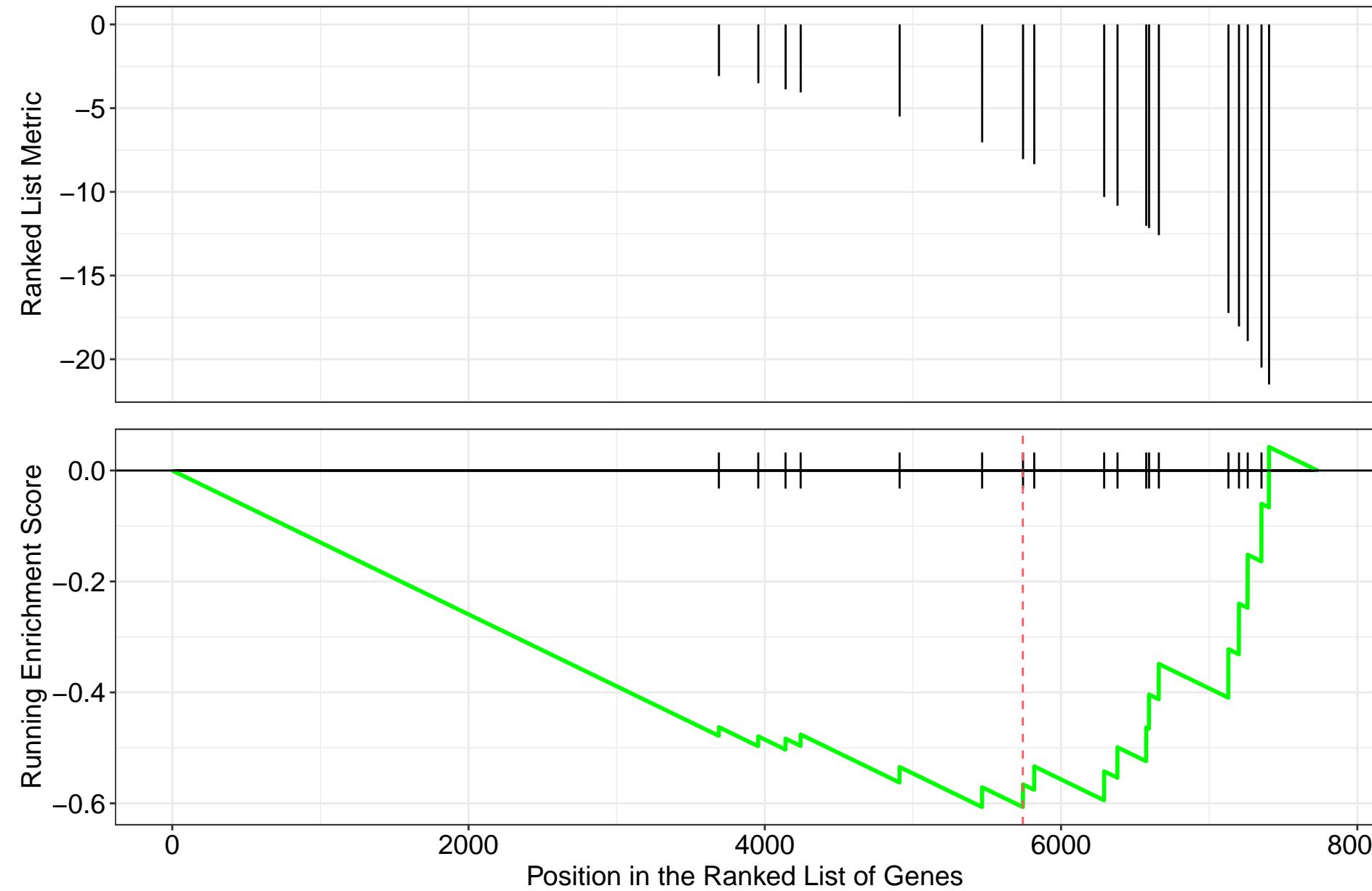
# negative regulation of mitotic cell cycle



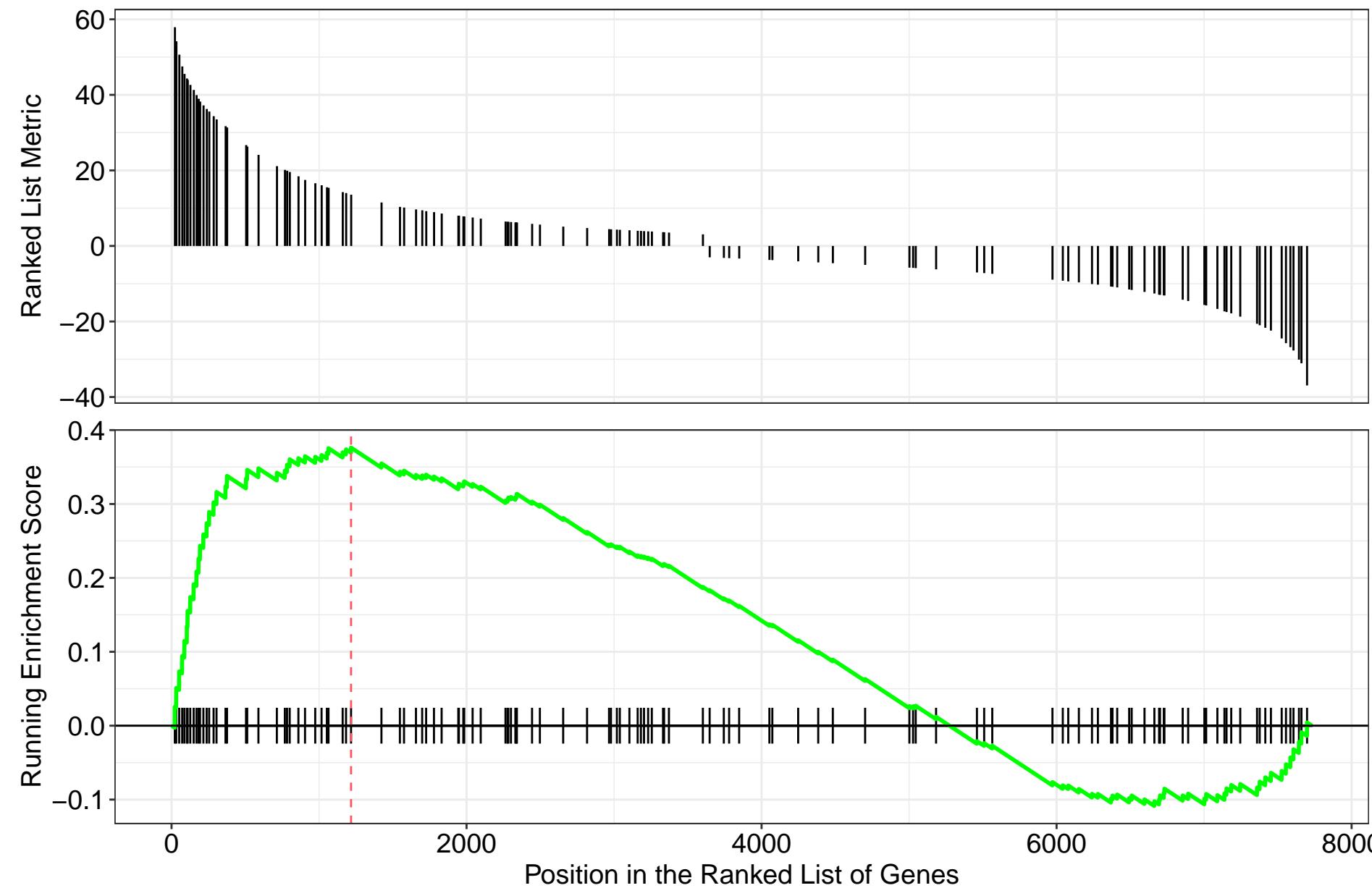
# CD4-positive, alpha-beta T cell differentiation



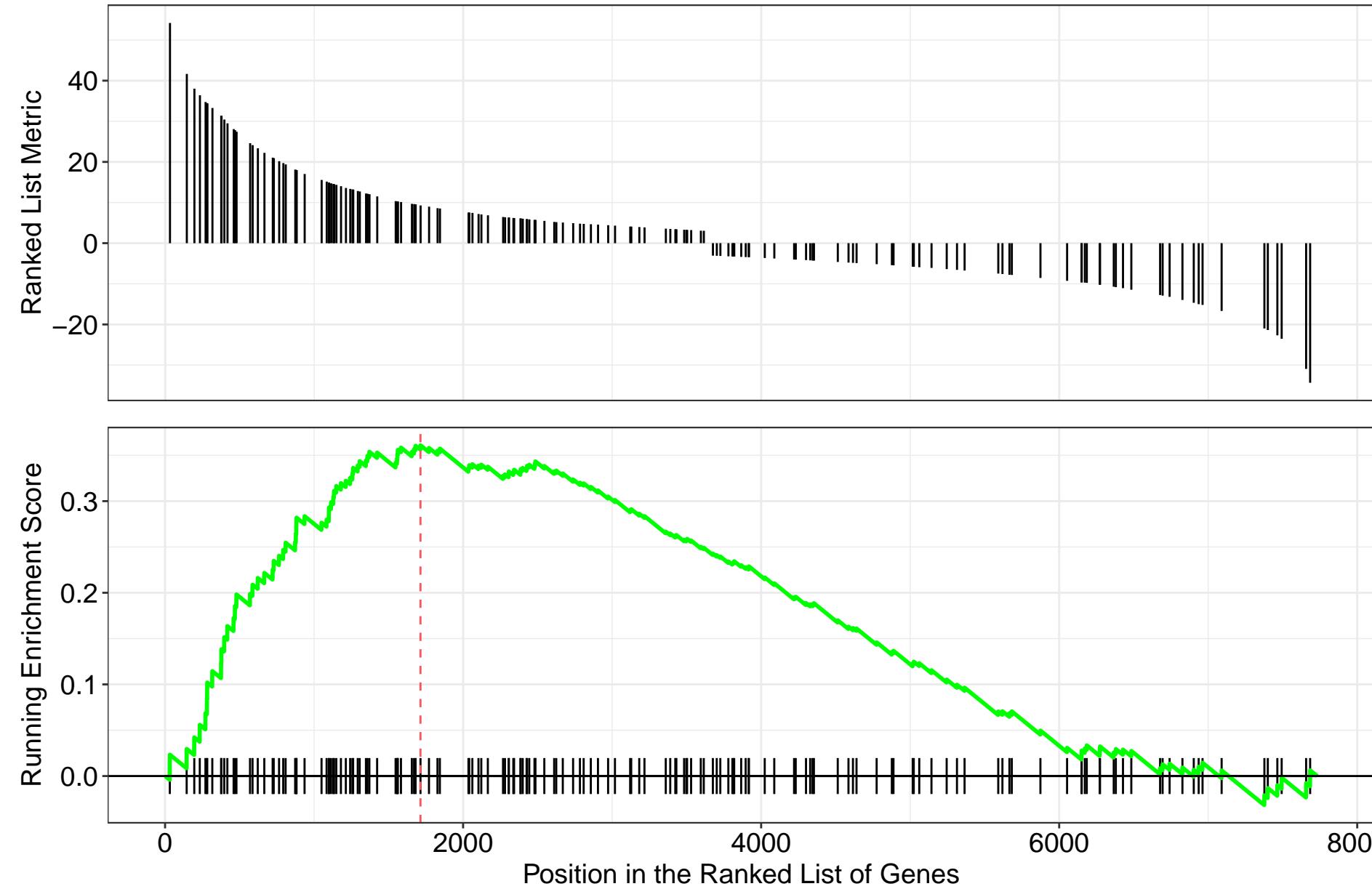
# positive regulation of chromosome separation



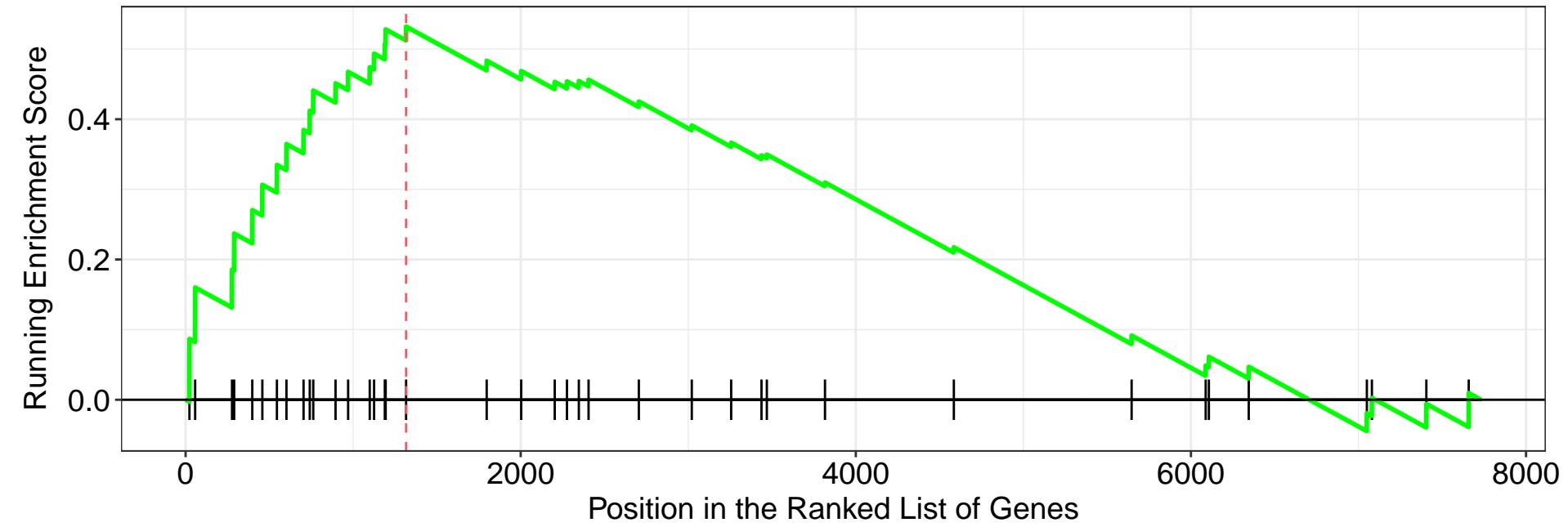
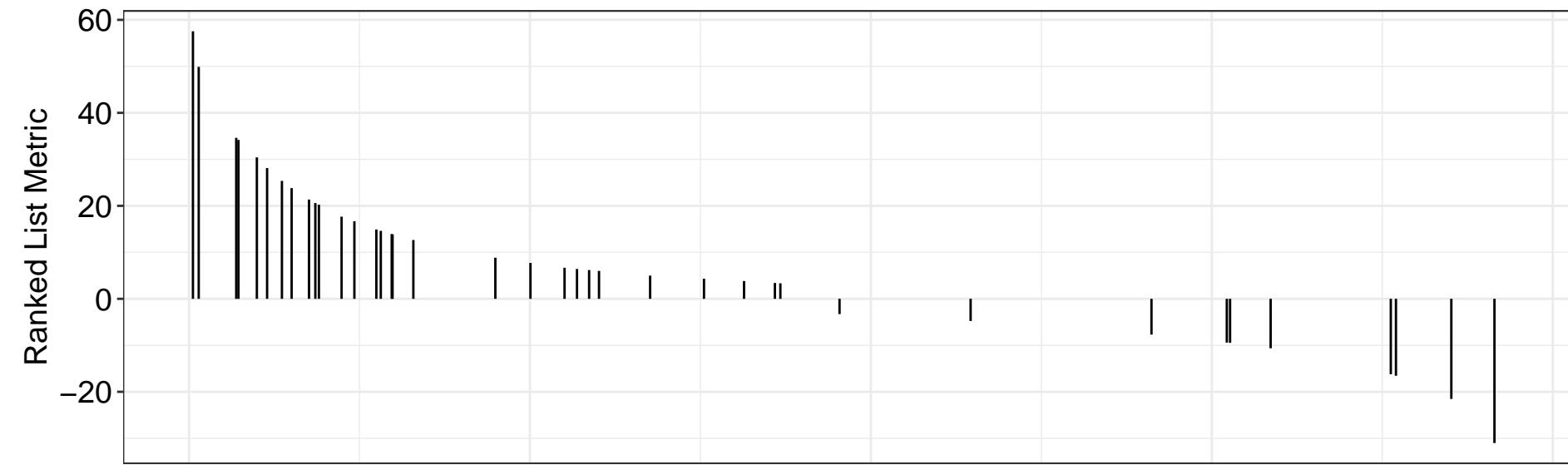
# positive regulation of ion transport



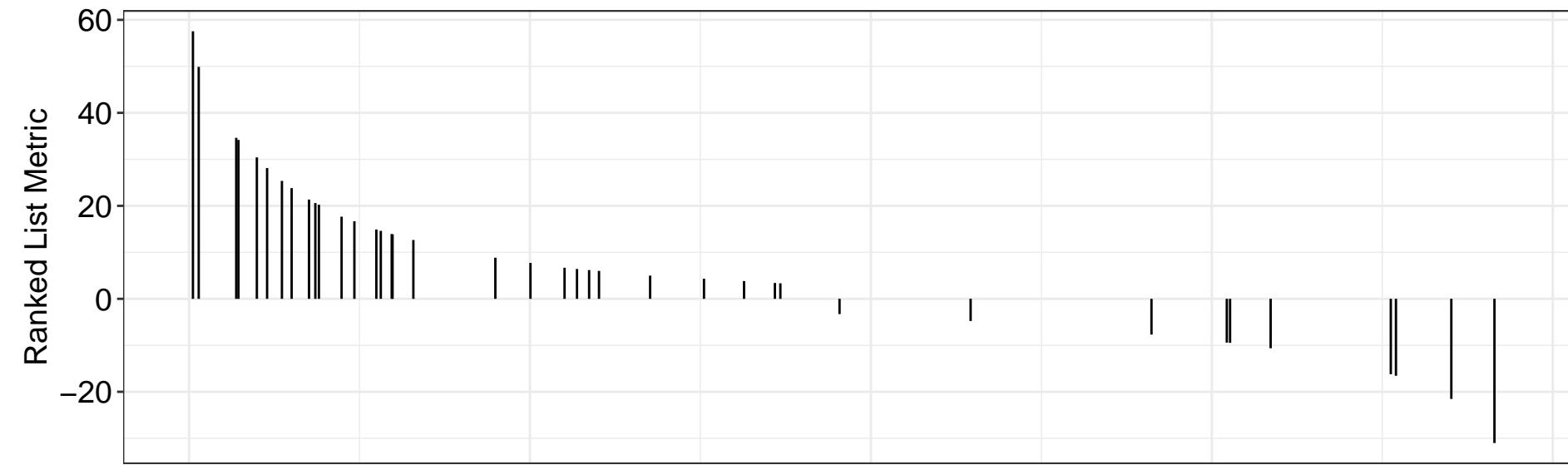
# positive regulation of proteolysis



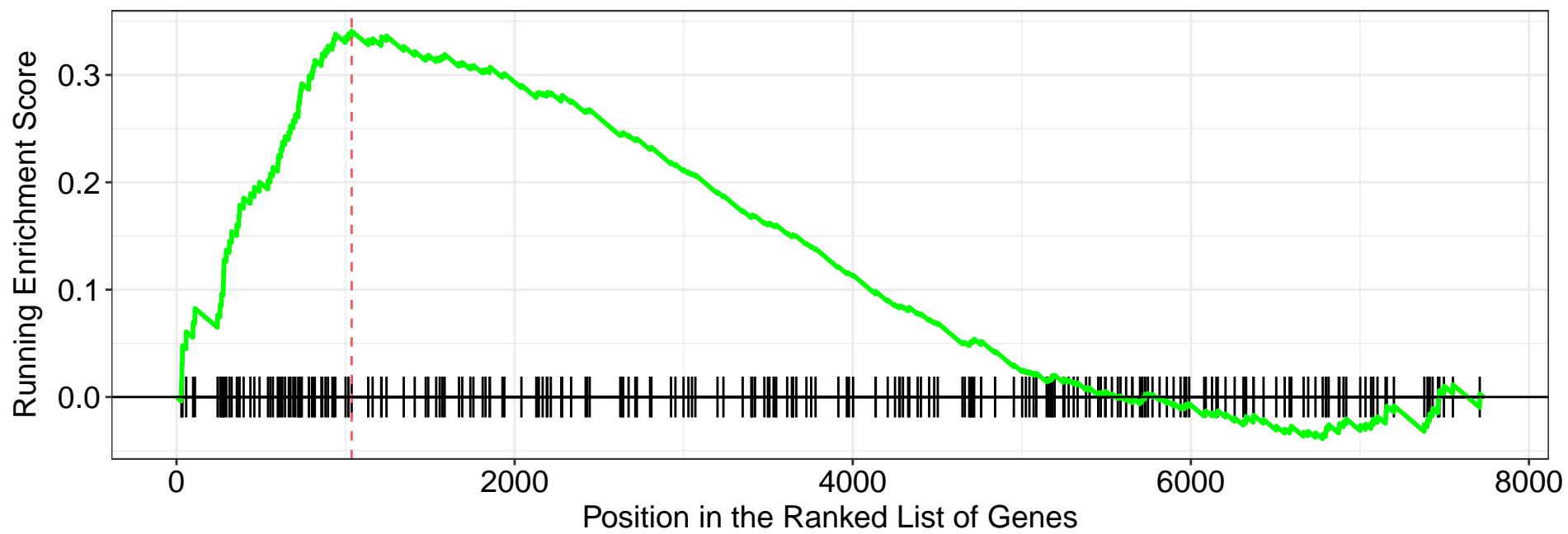
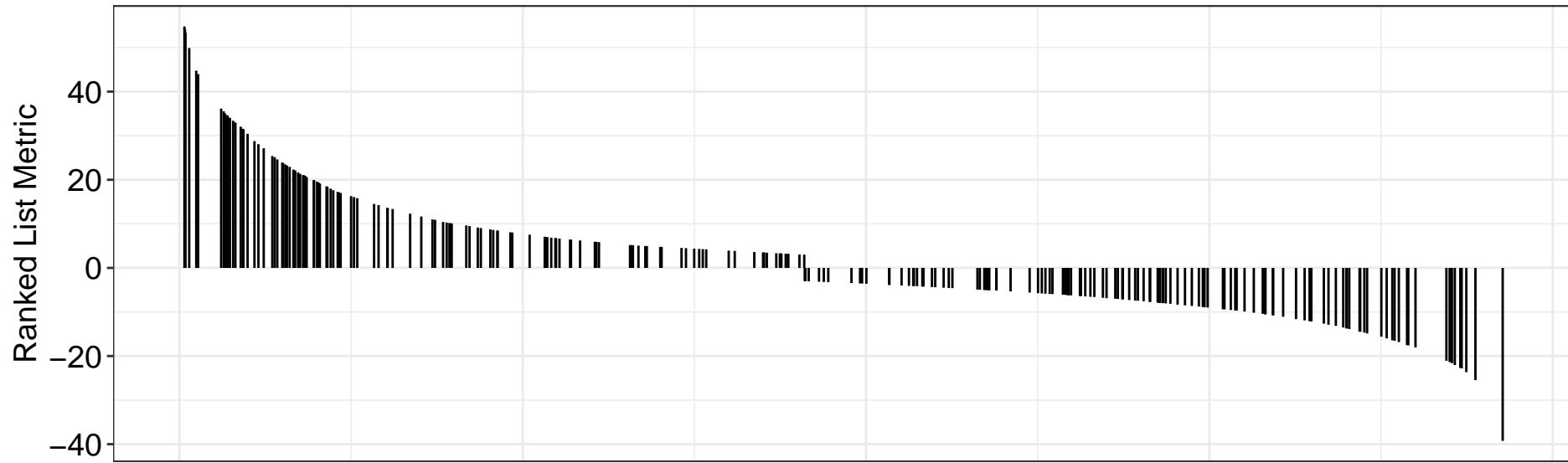
# natural killer cell mediated immunity



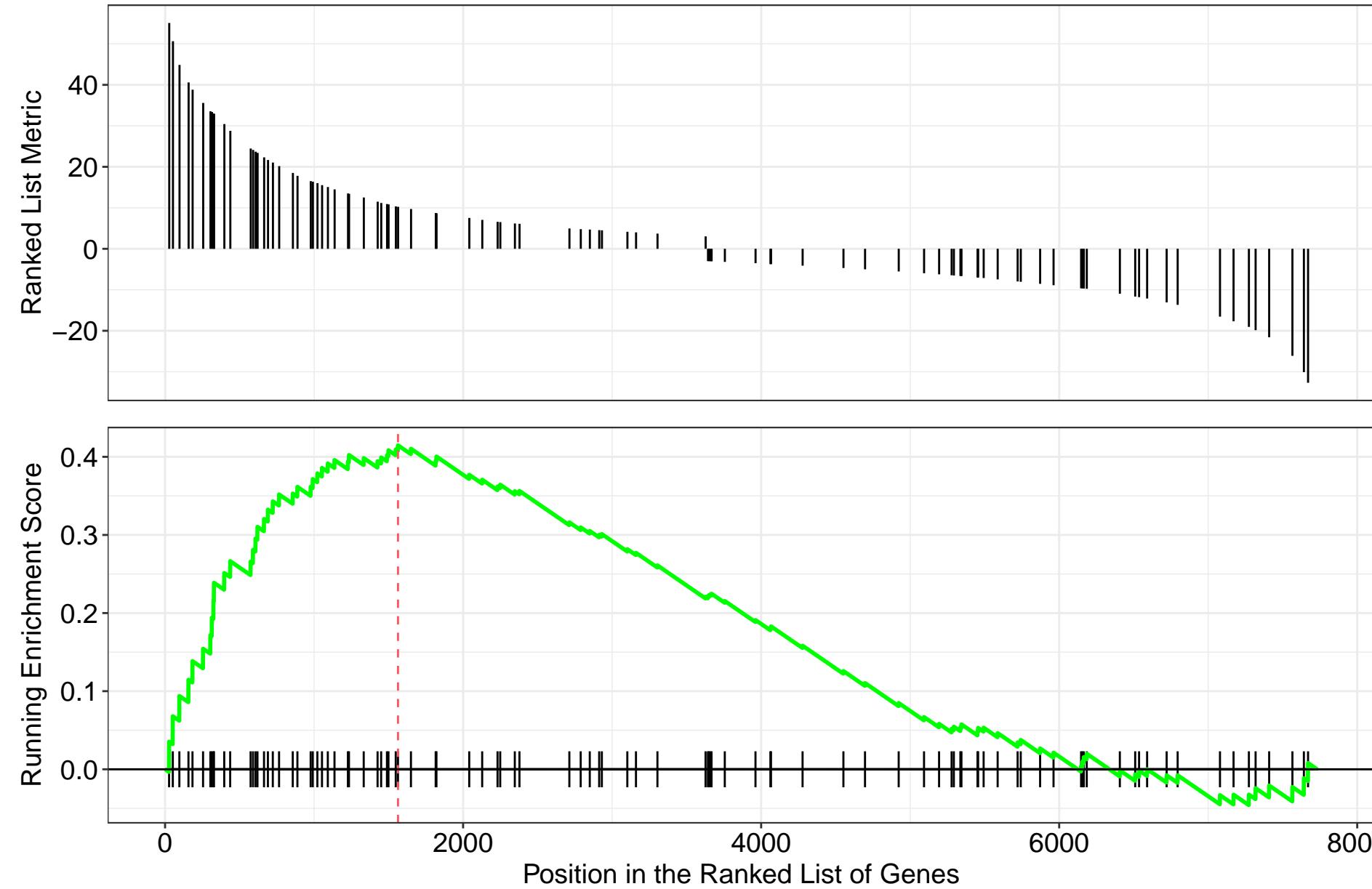
# natural killer cell mediated cytotoxicity



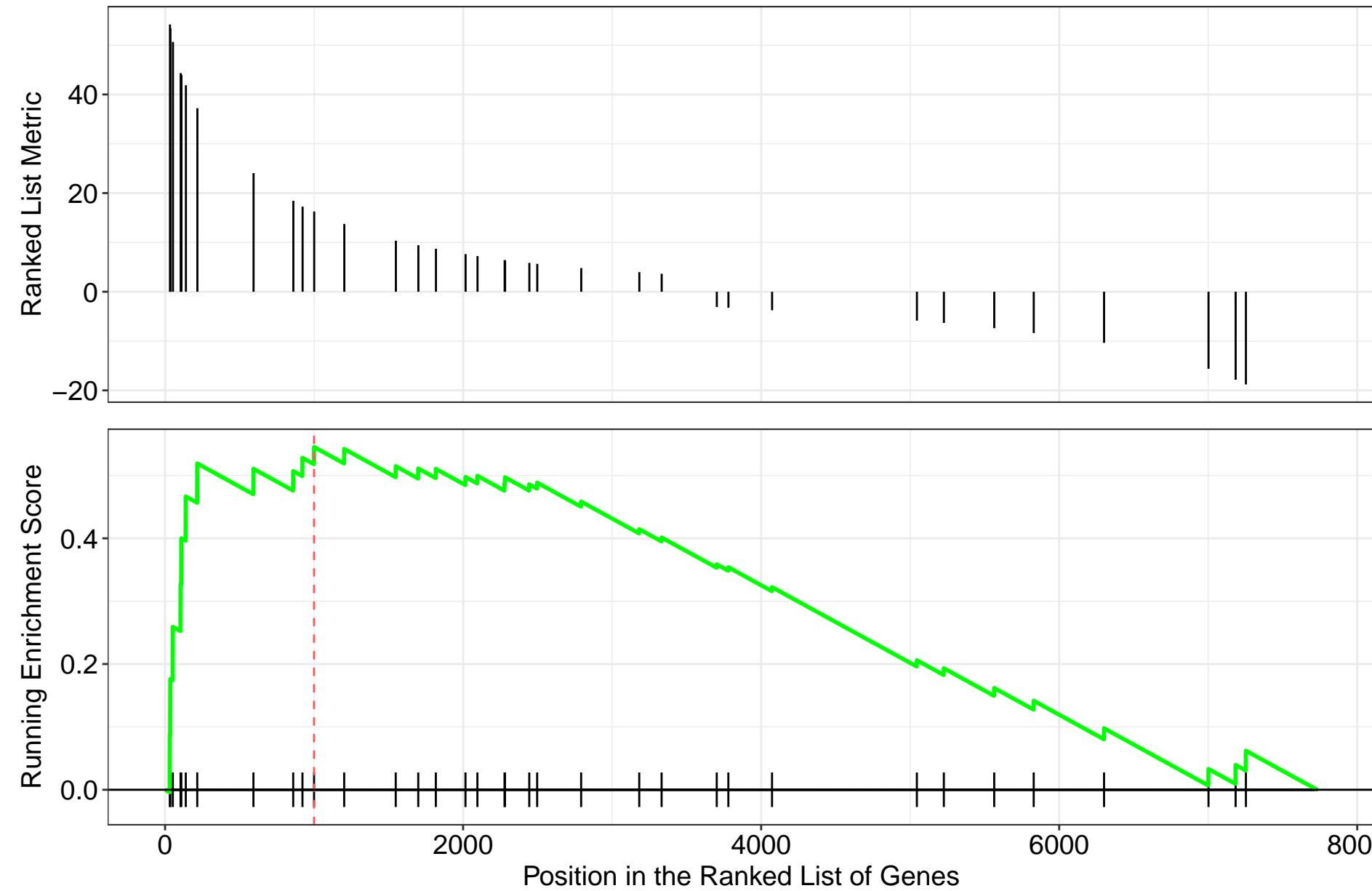
# positive regulation of transferase activity



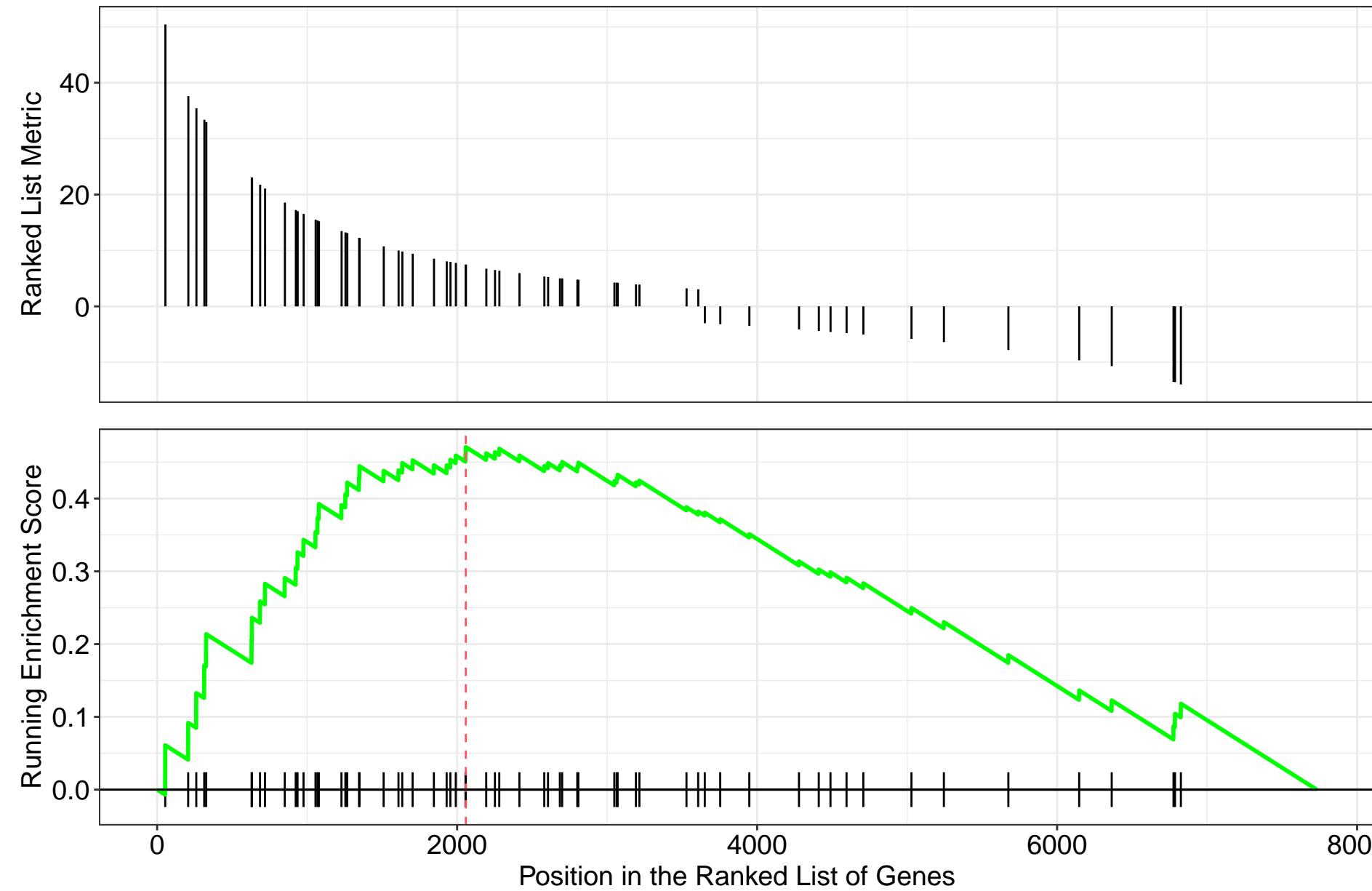
# reproductive structure development



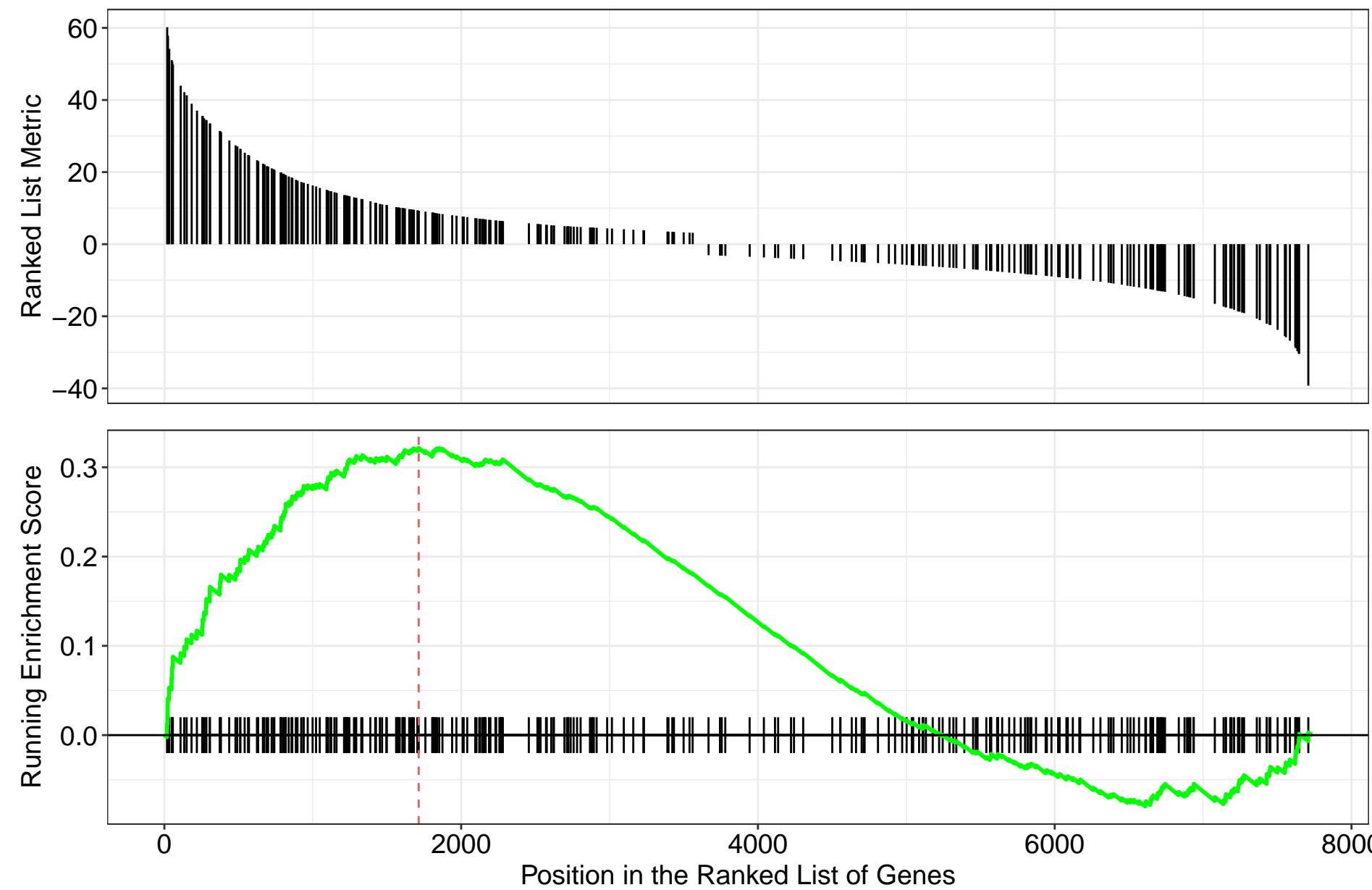
# regulation of organic acid transport



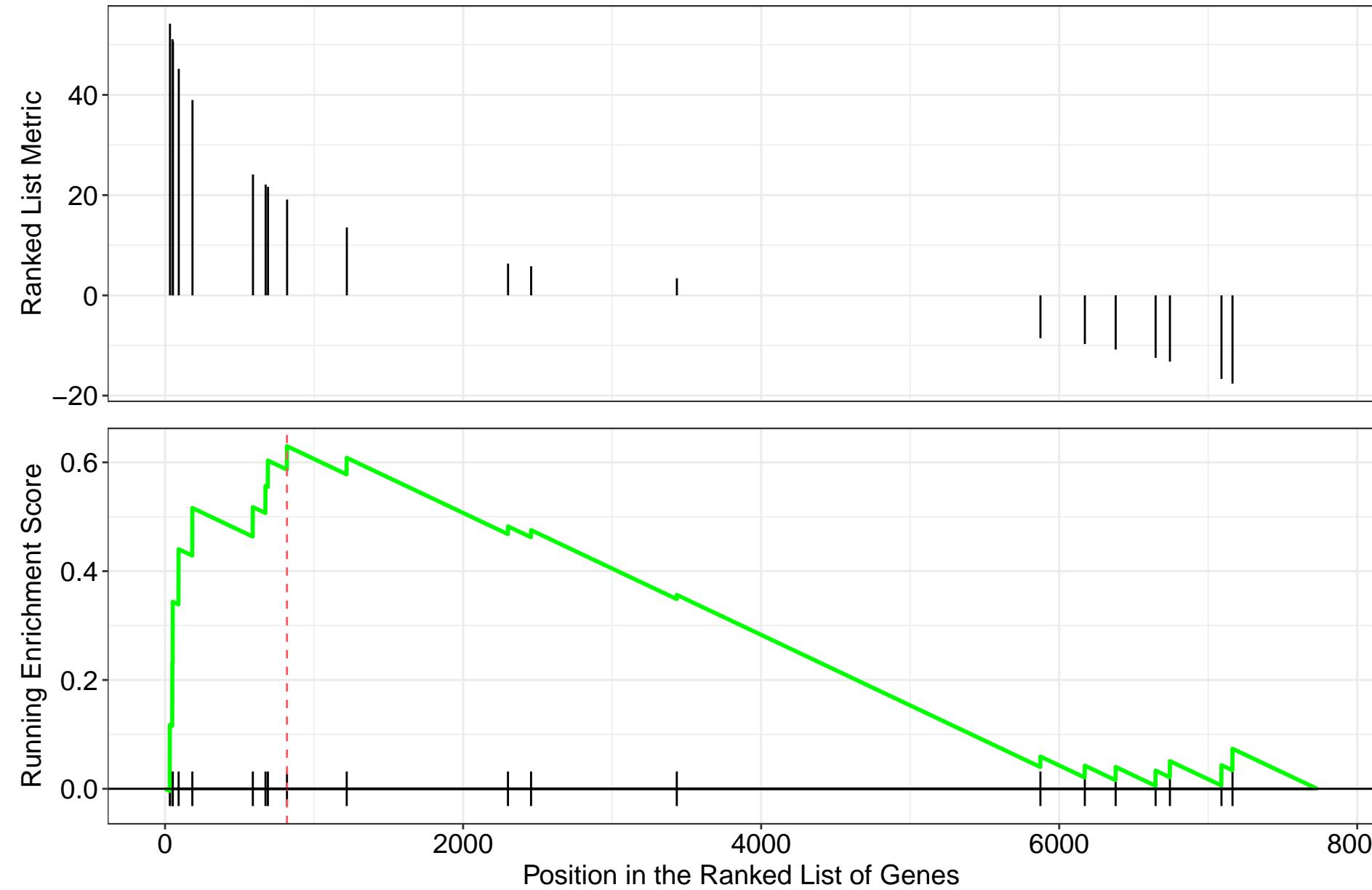
# regulation of type I interferon production



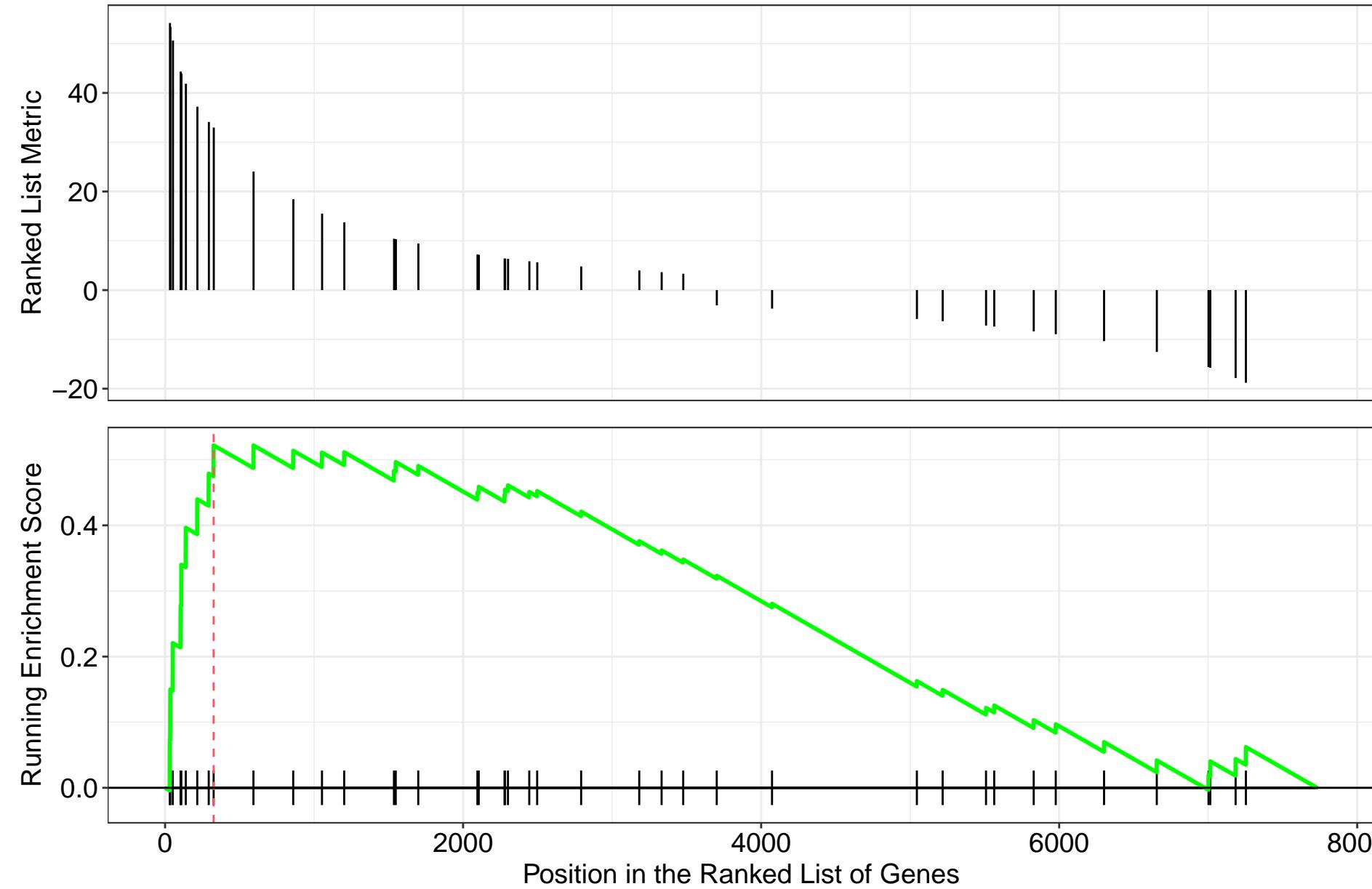
# blood vessel morphogenesis



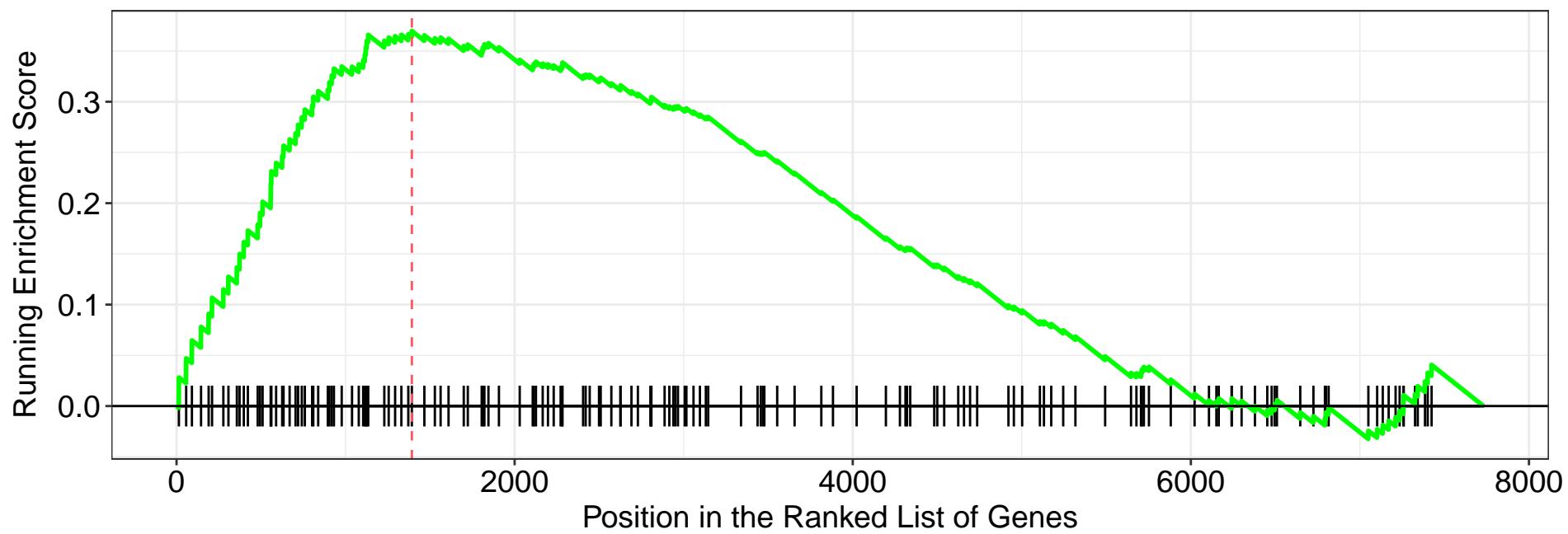
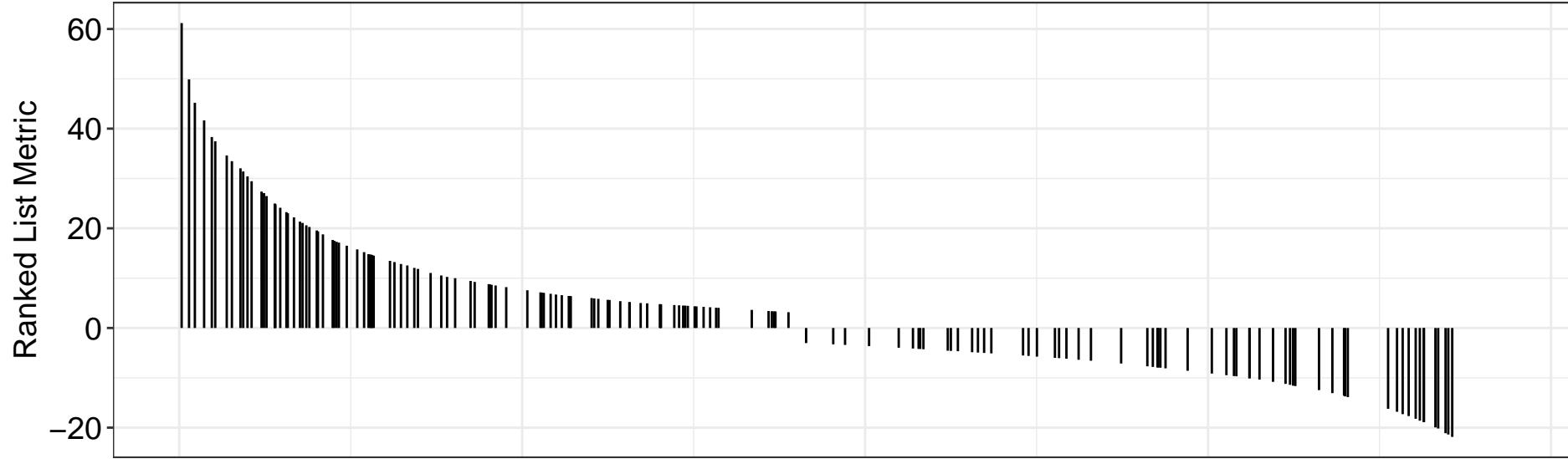
# regulation of vascular endothelial growth factor production



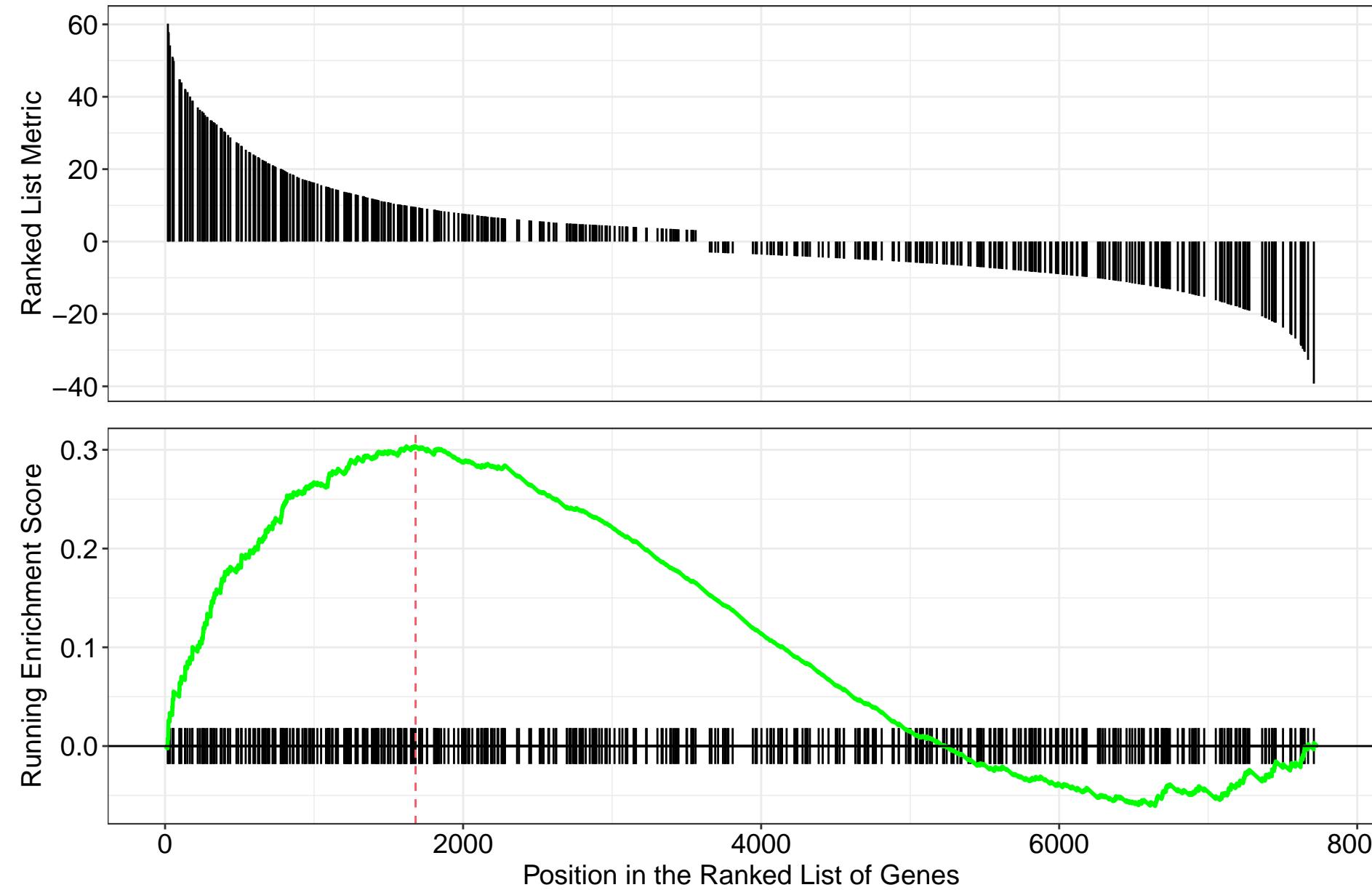
# regulation of anion transport



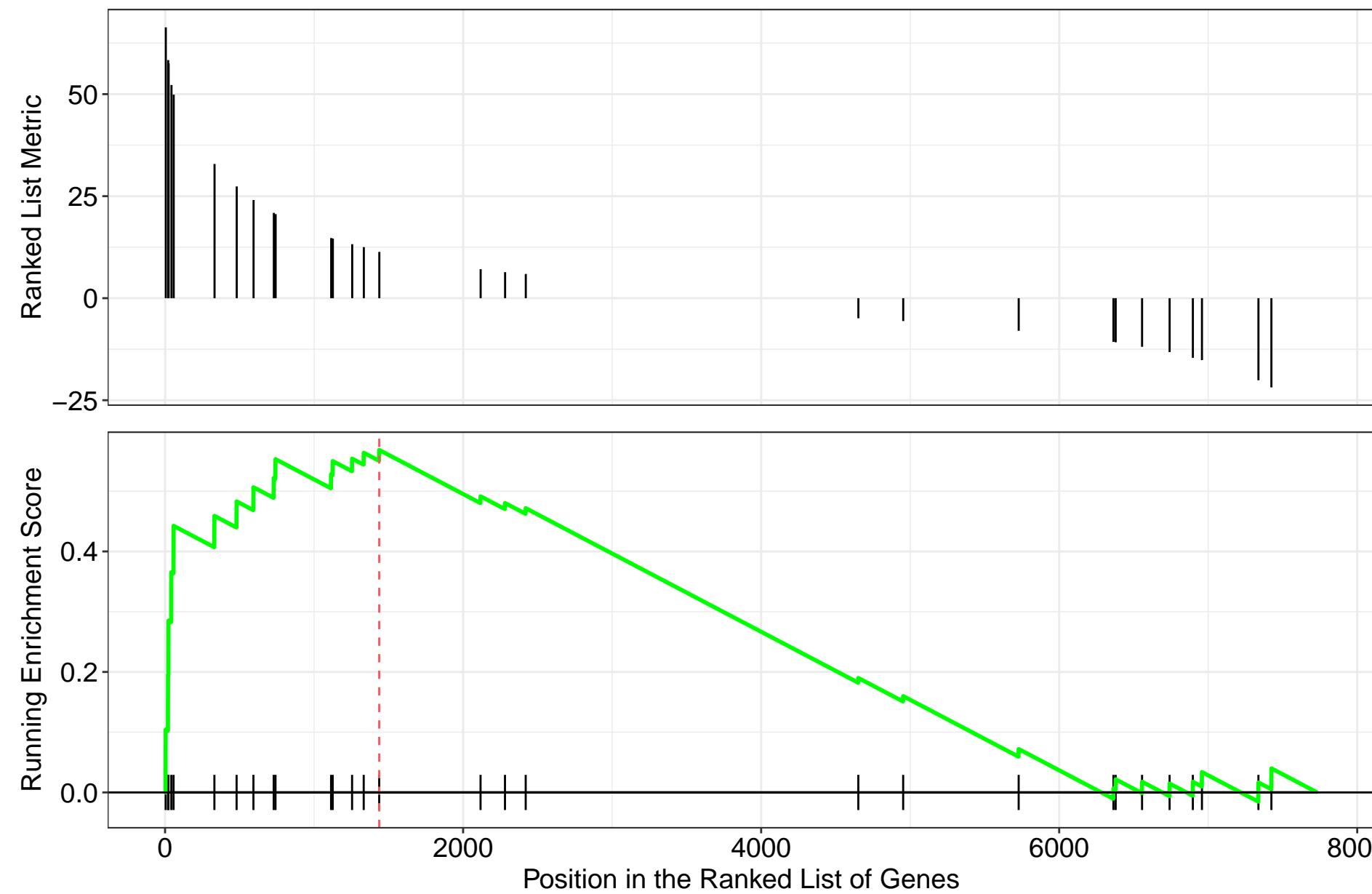
# cell activation involved in immune response



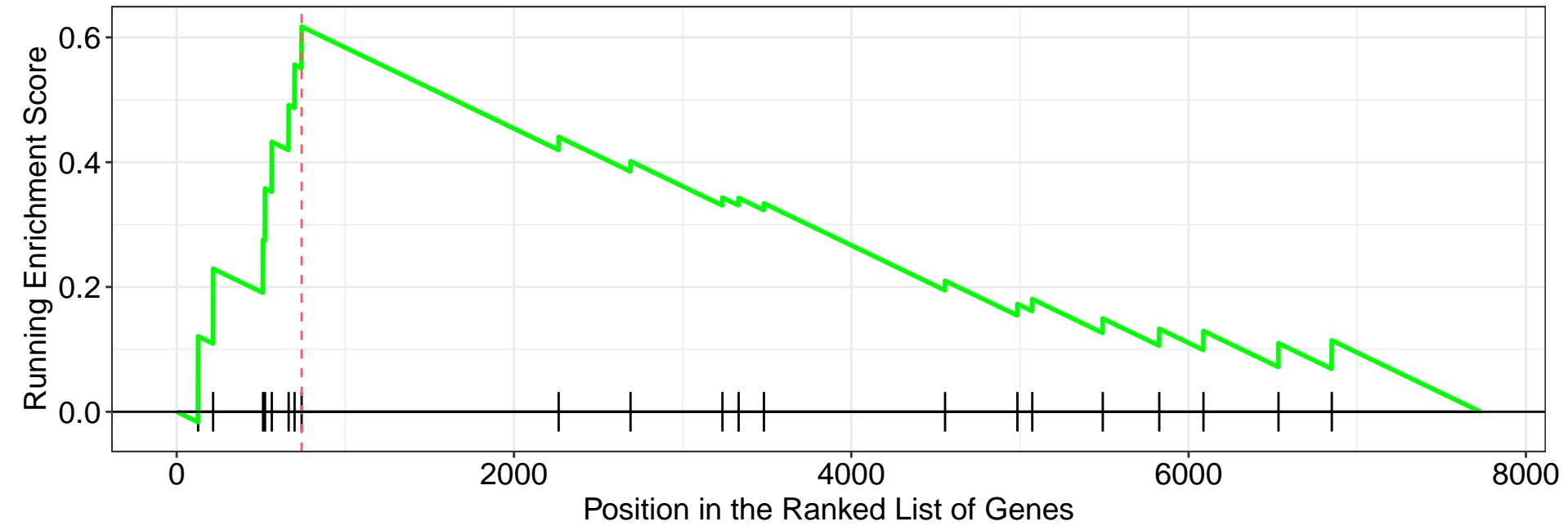
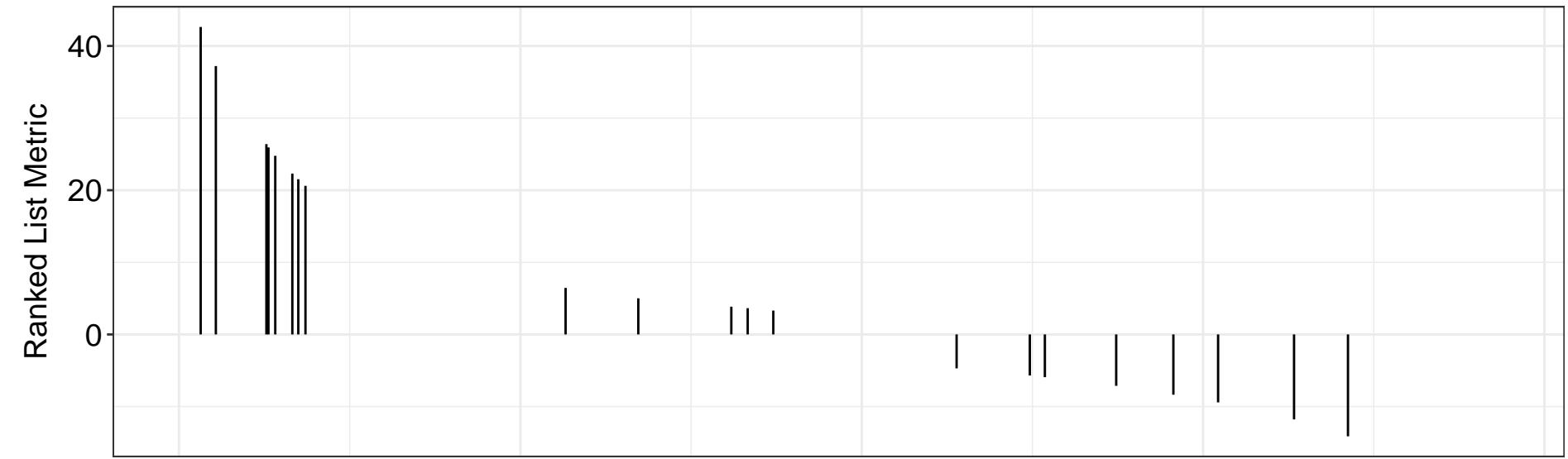
# tube development



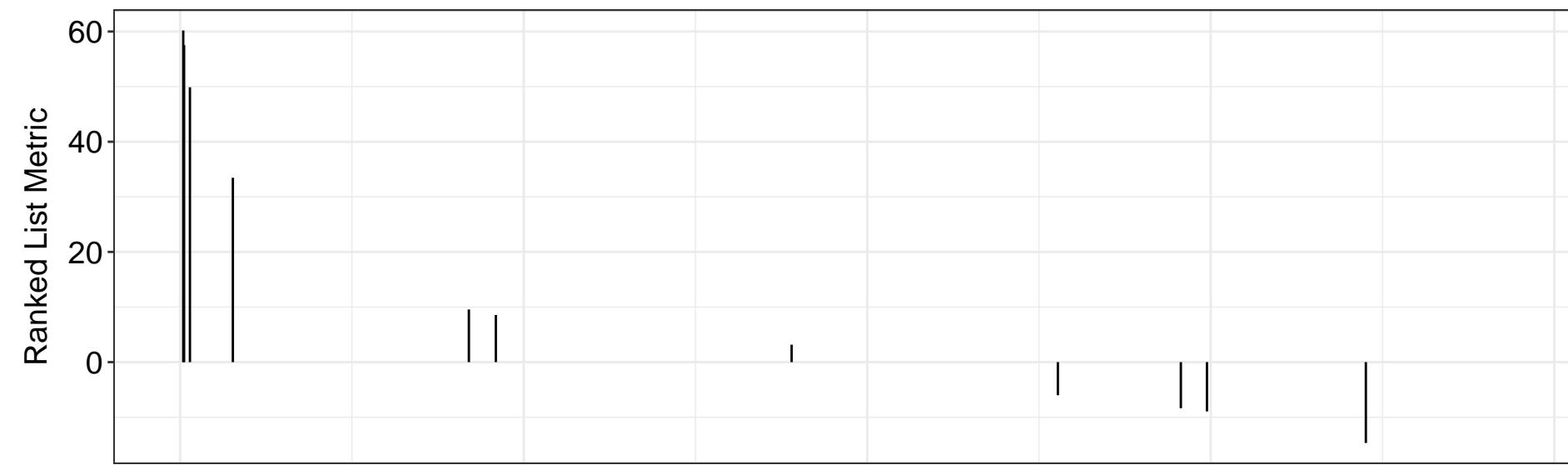
# regulation of alpha–beta T cell proliferation



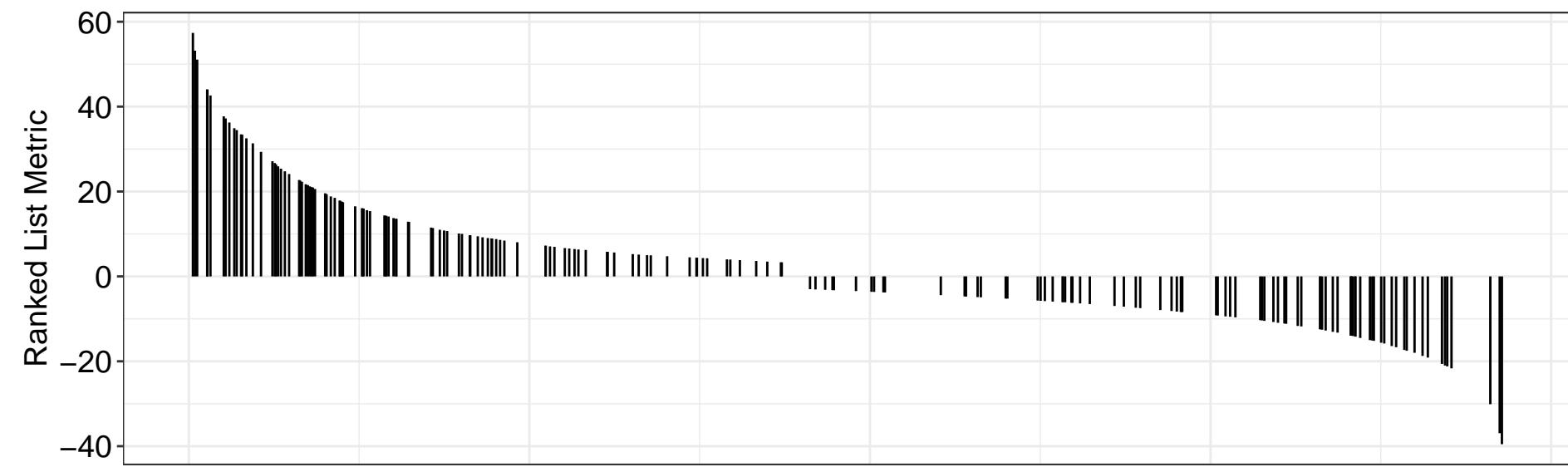
# regulation of vascular permeability



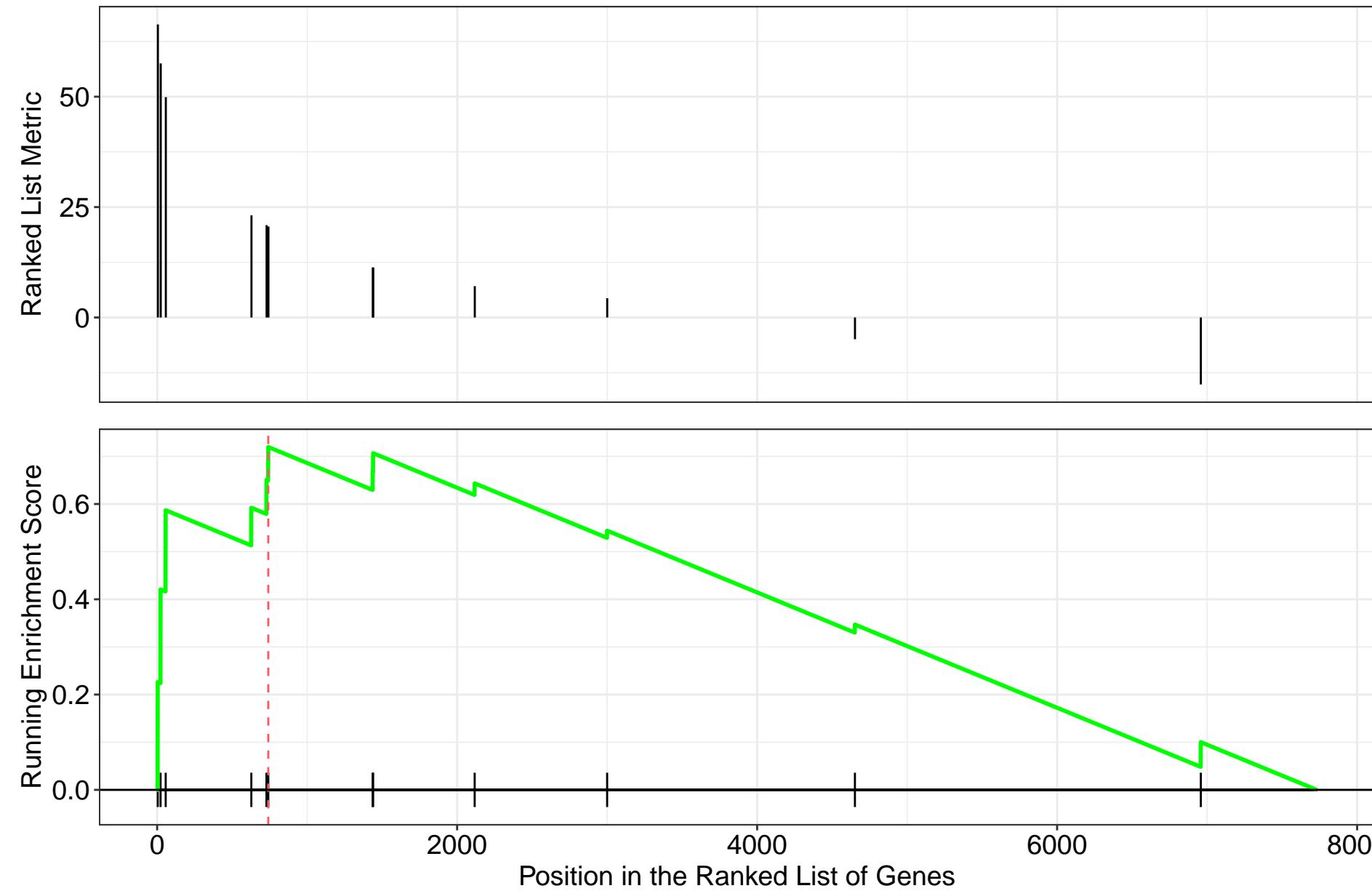
# regulation of vascular endothelial growth factor signaling pathway



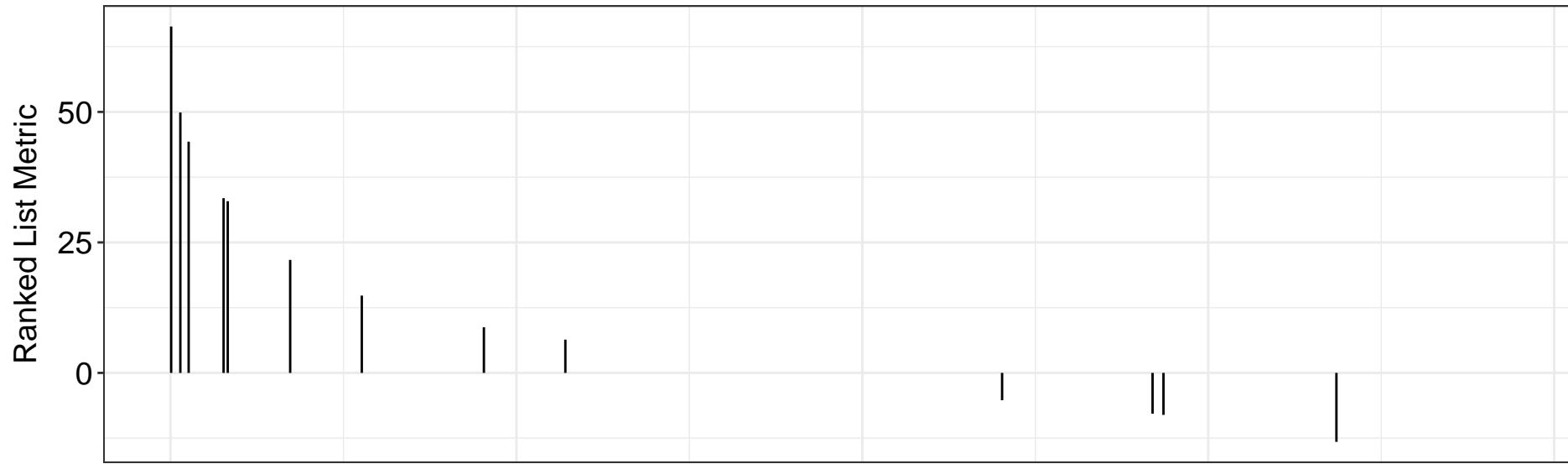
# blood circulation



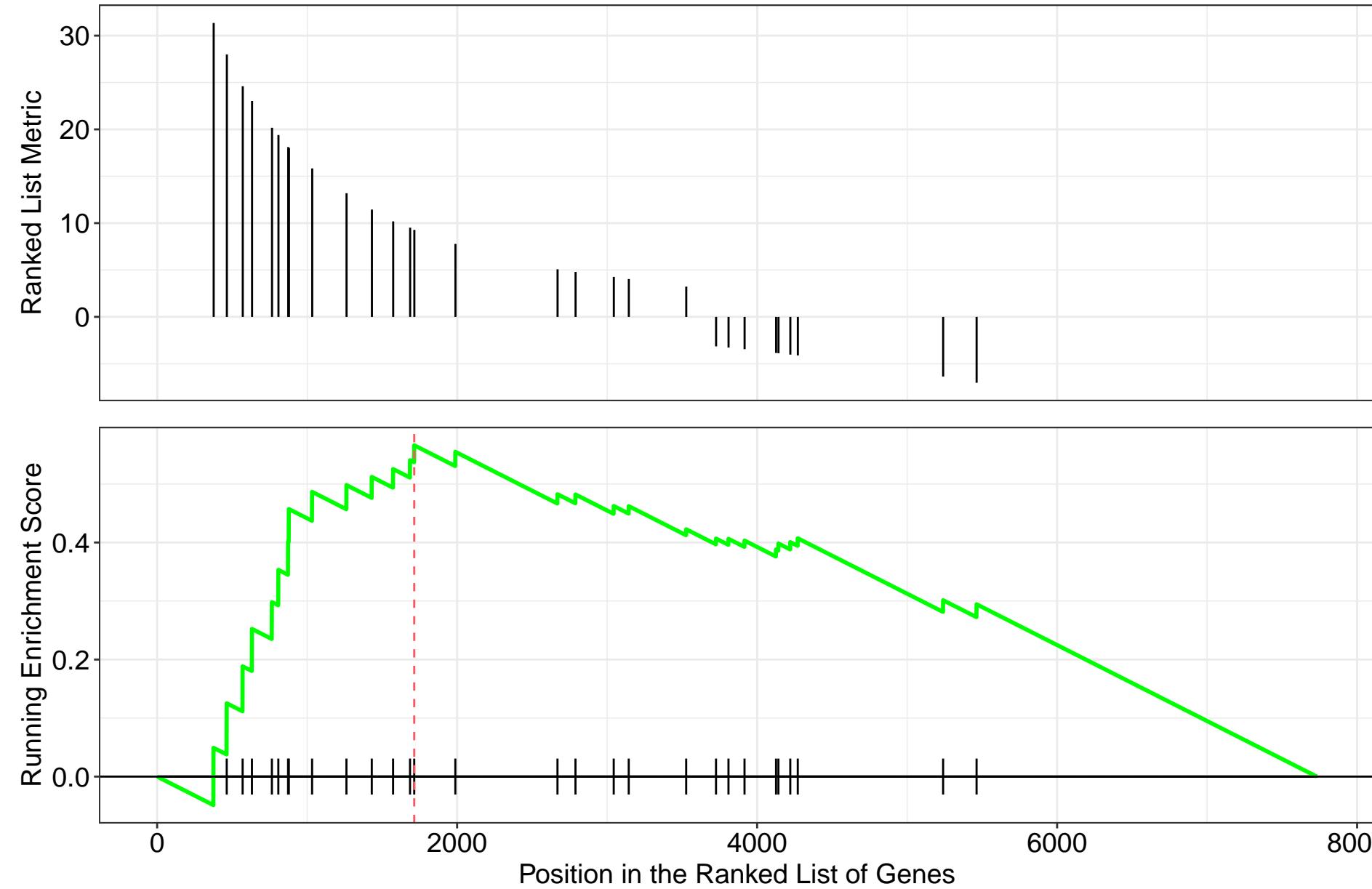
# positive regulation of NK T cell activation



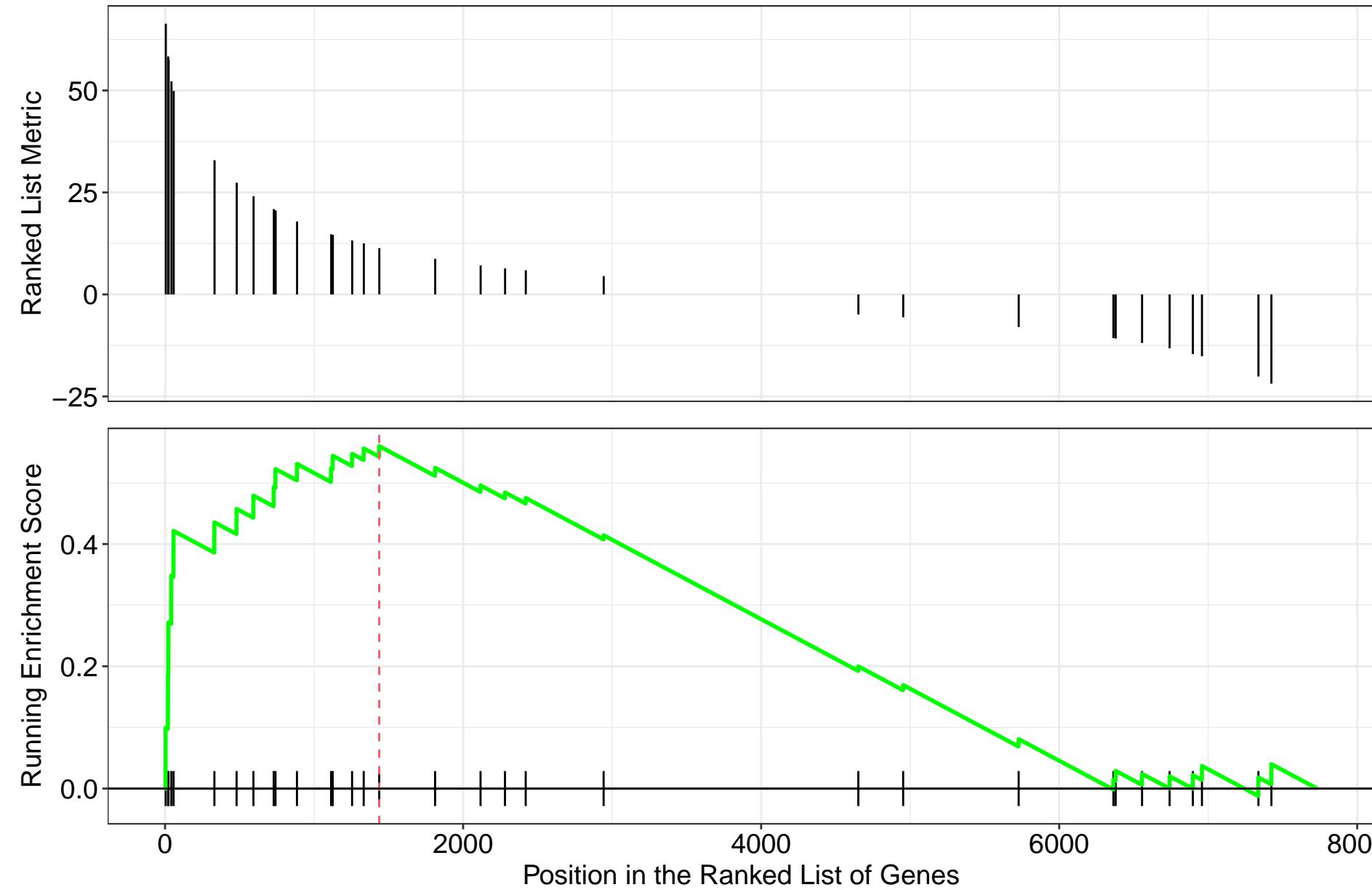
# negative regulation of interleukin-10 production



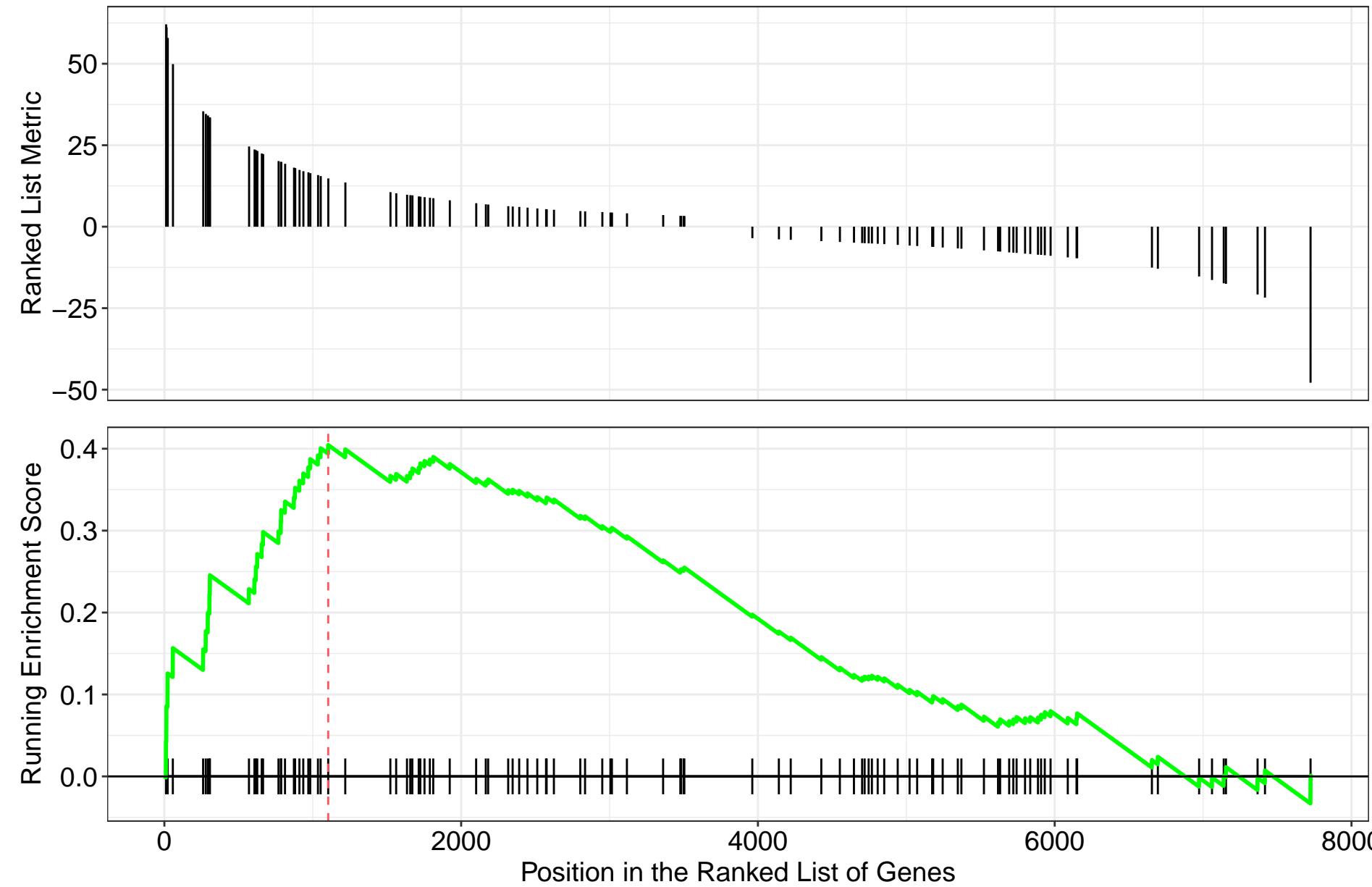
# programmed necrotic cell death



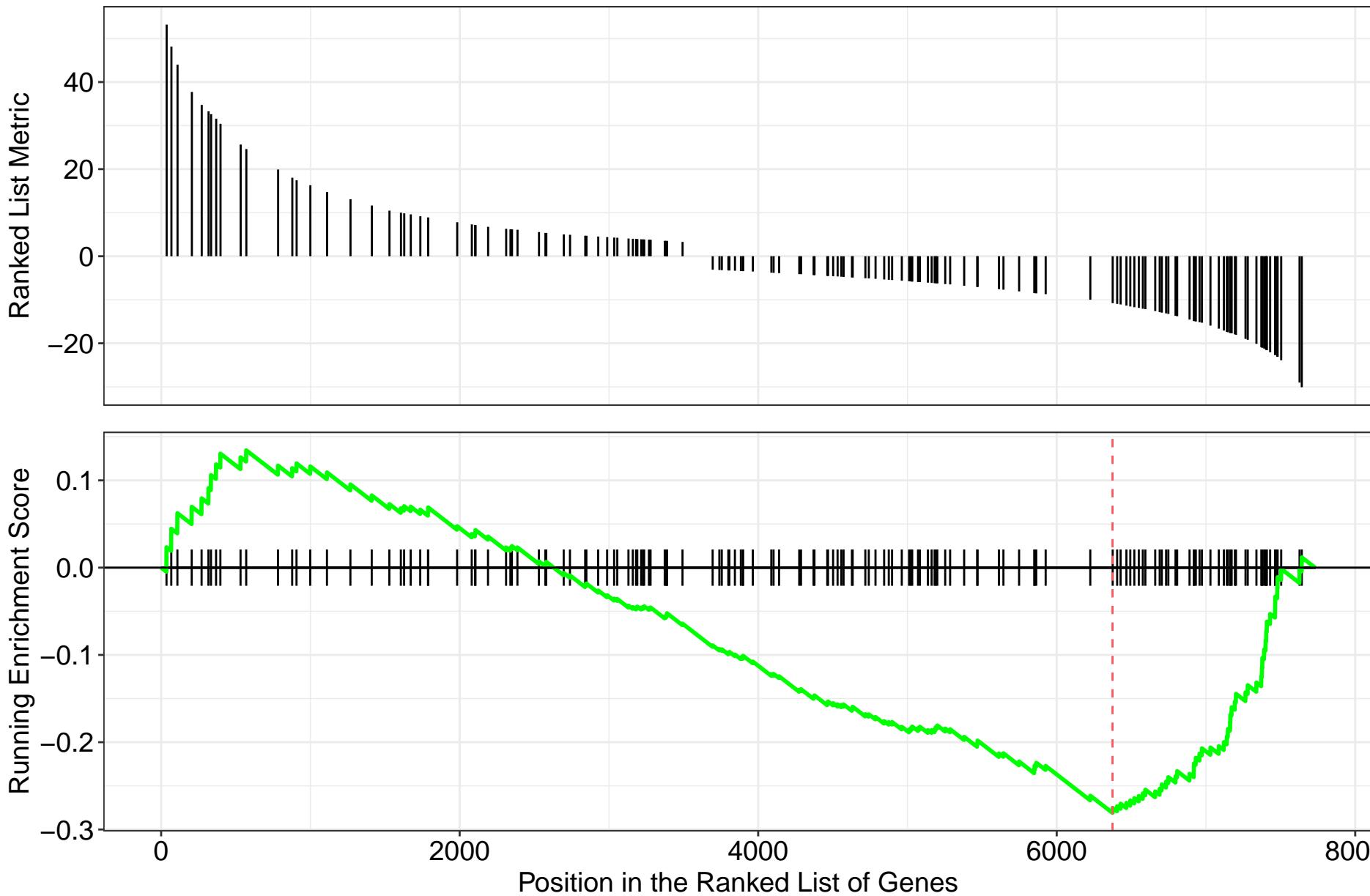
# alpha–beta T cell proliferation



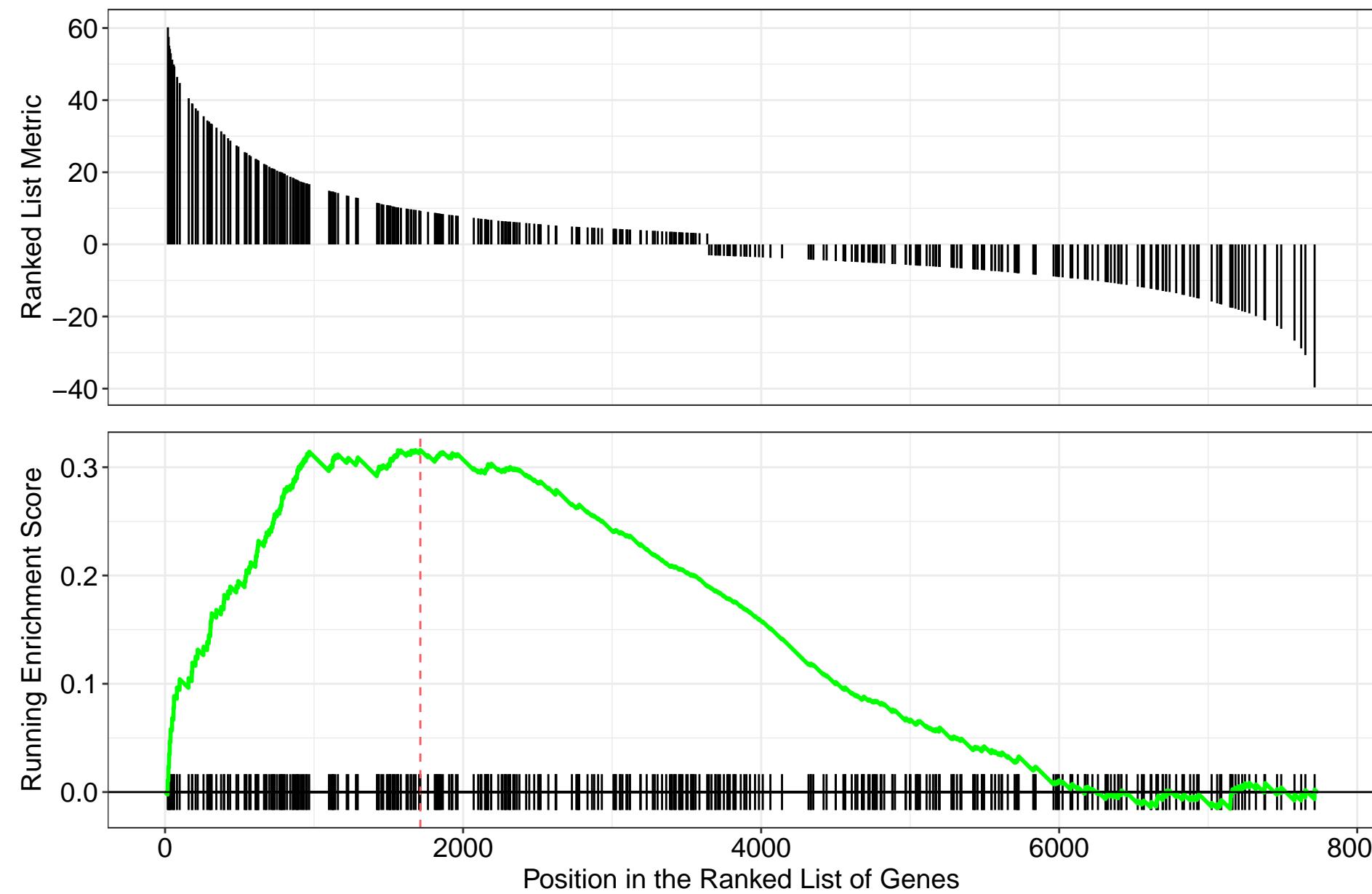
# regulation of myeloid cell differentiation



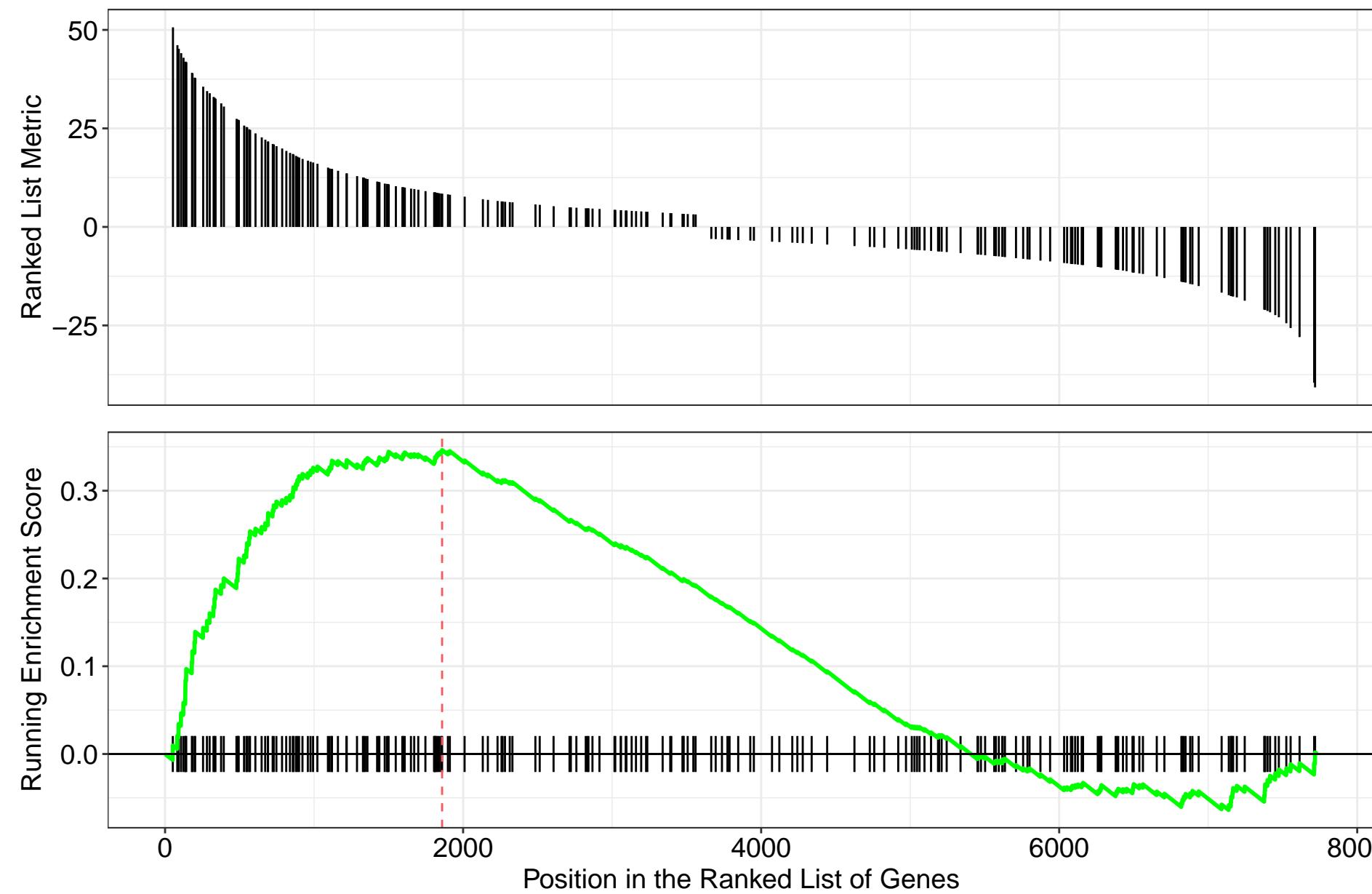
# non-membrane-bounded organelle assembly



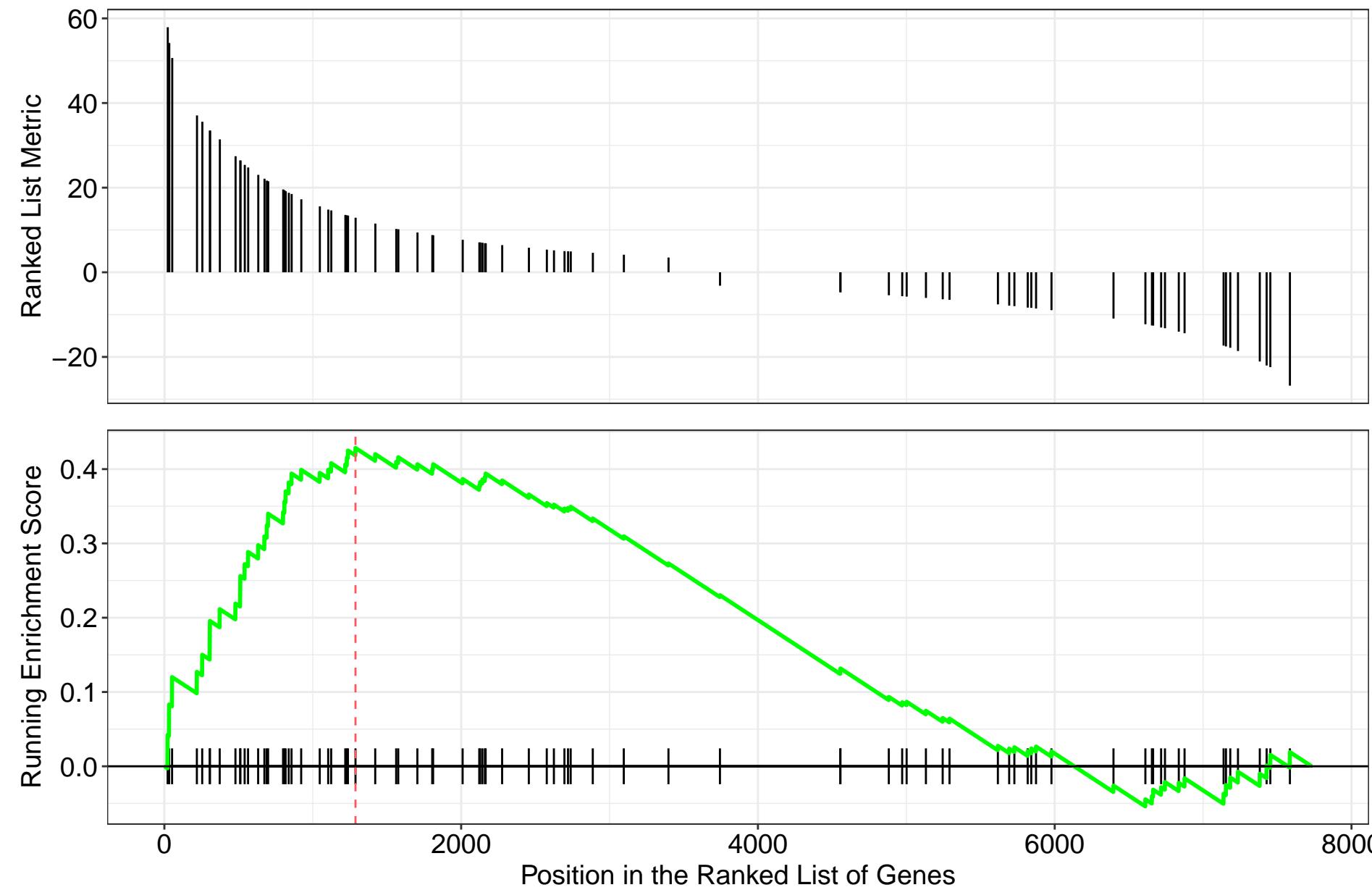
# enzyme-linked receptor protein signaling pathway



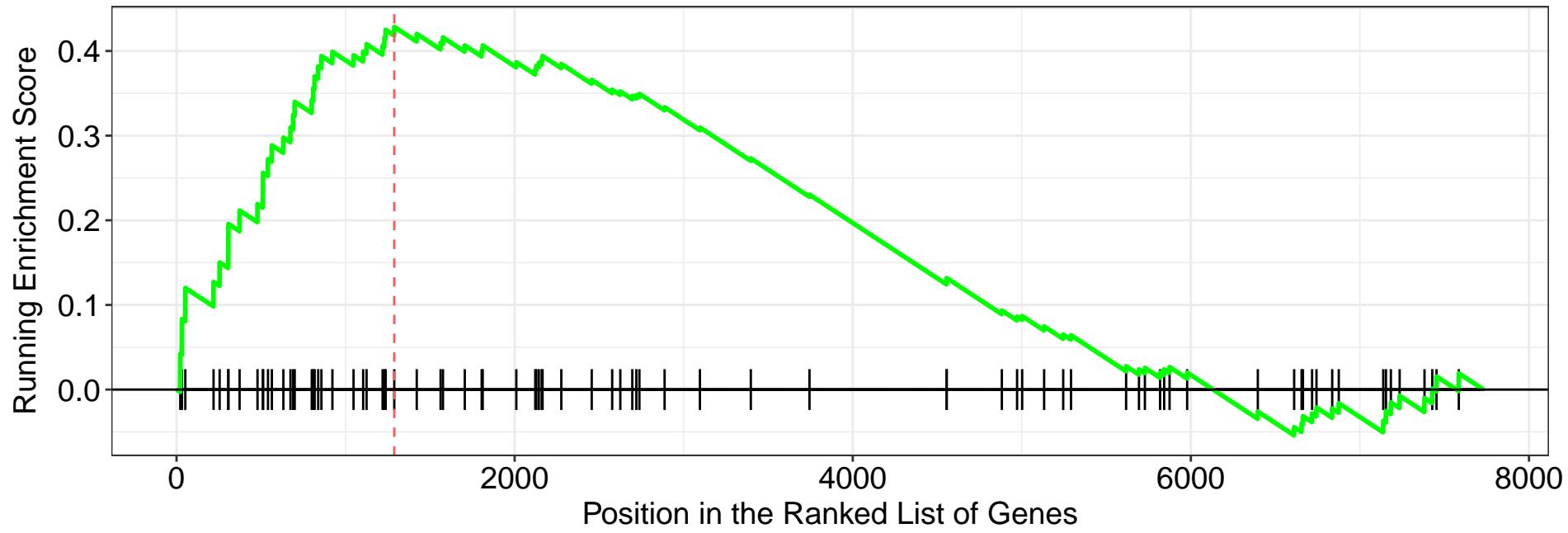
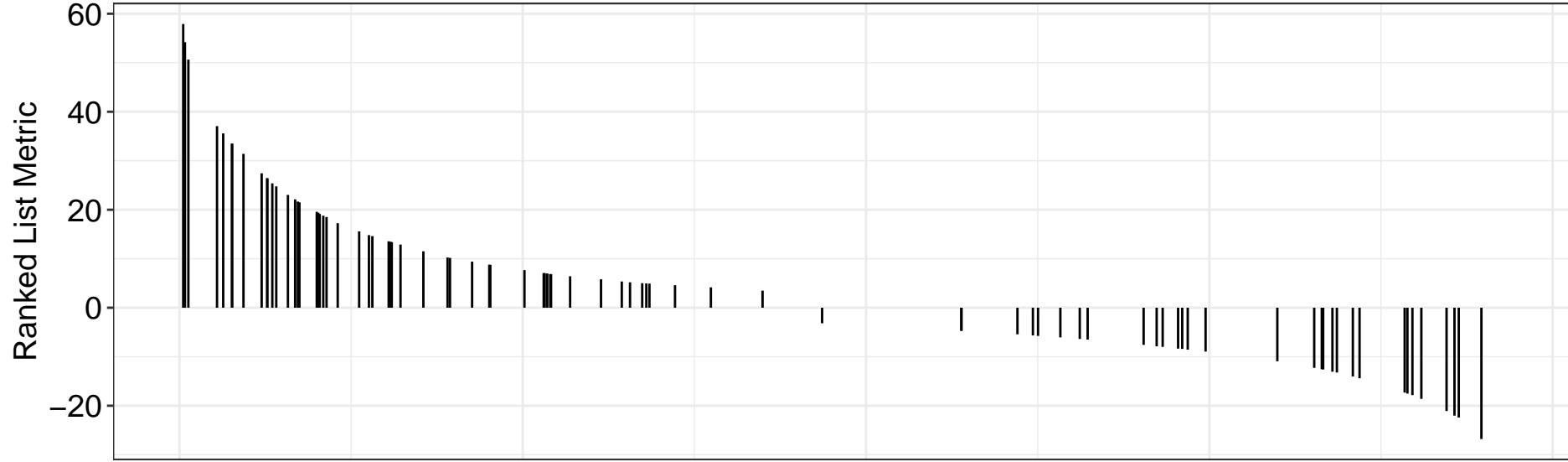
# response to wounding



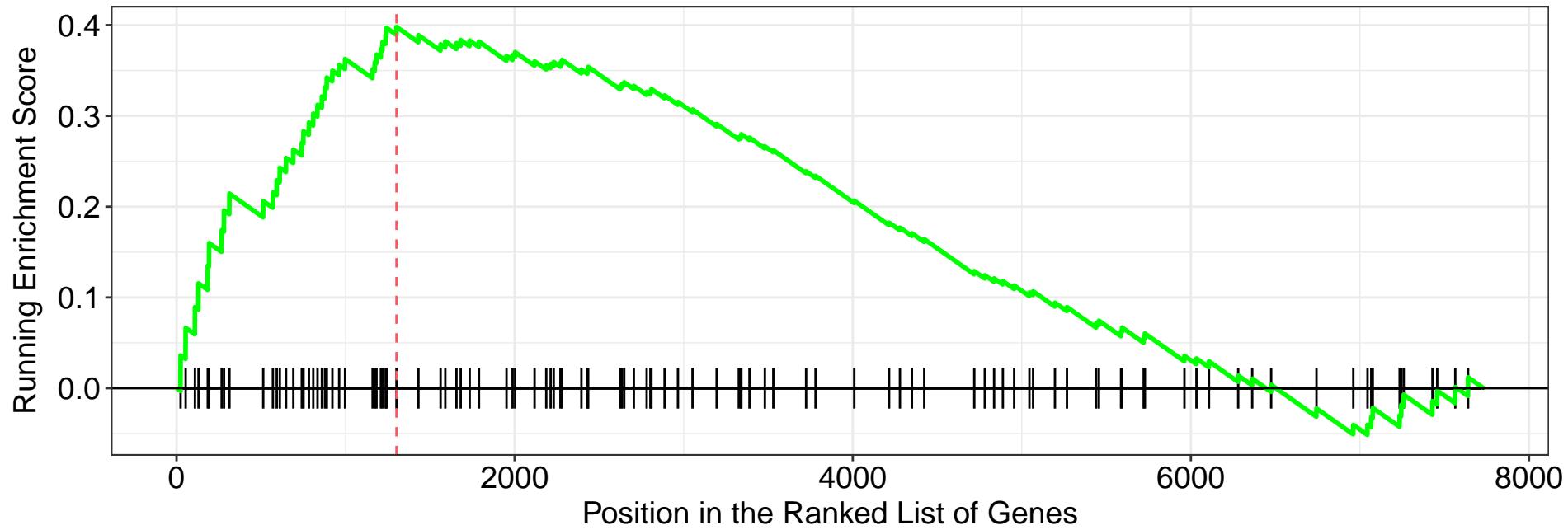
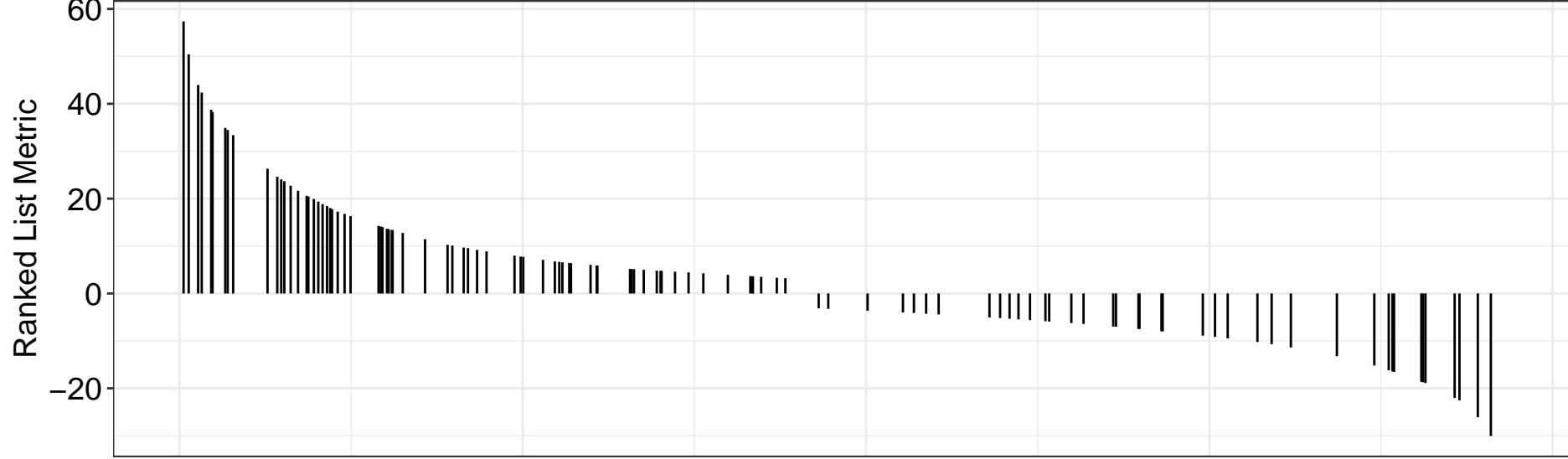
# positive regulation of angiogenesis



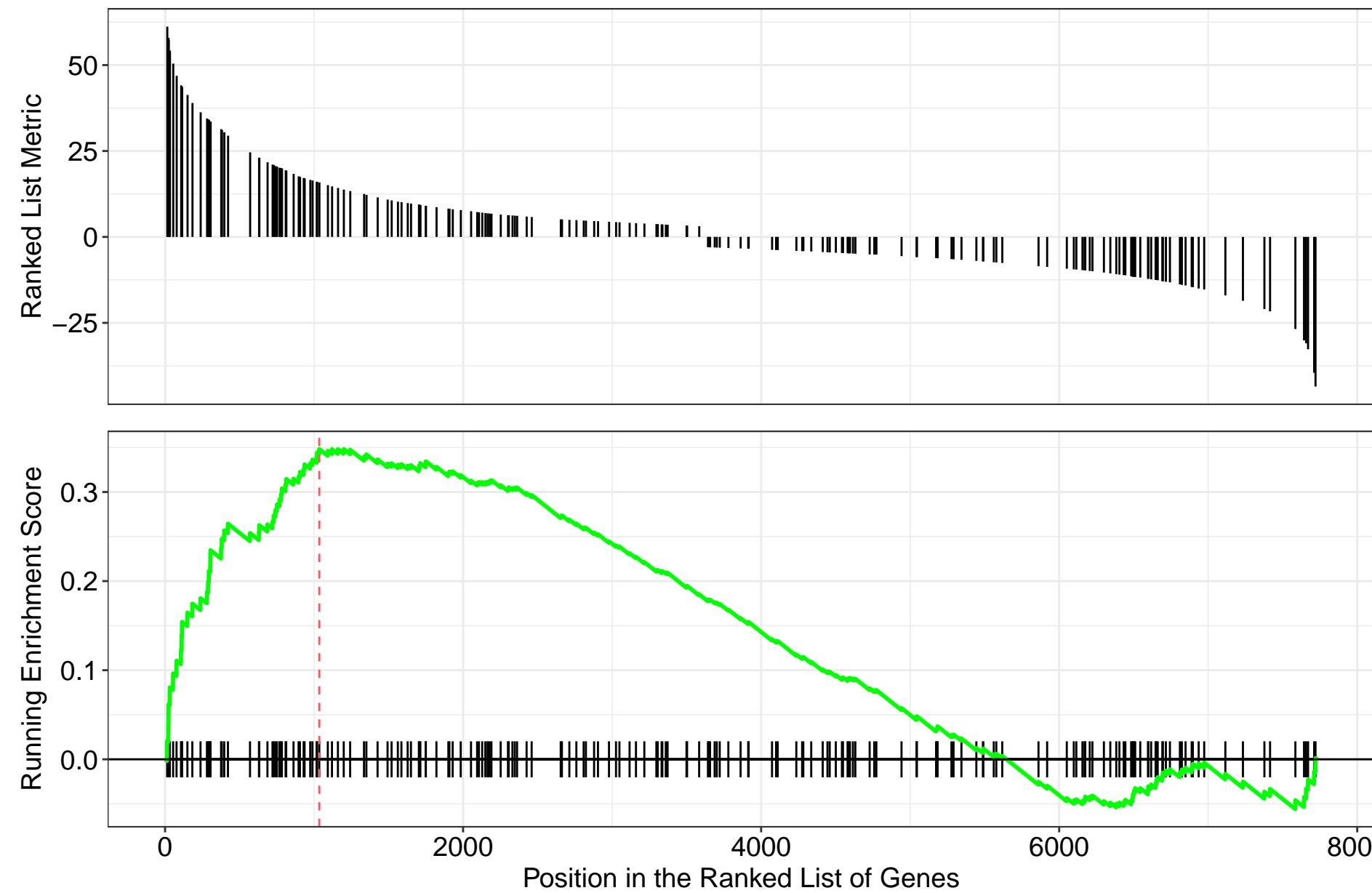
# positive regulation of vasculature development



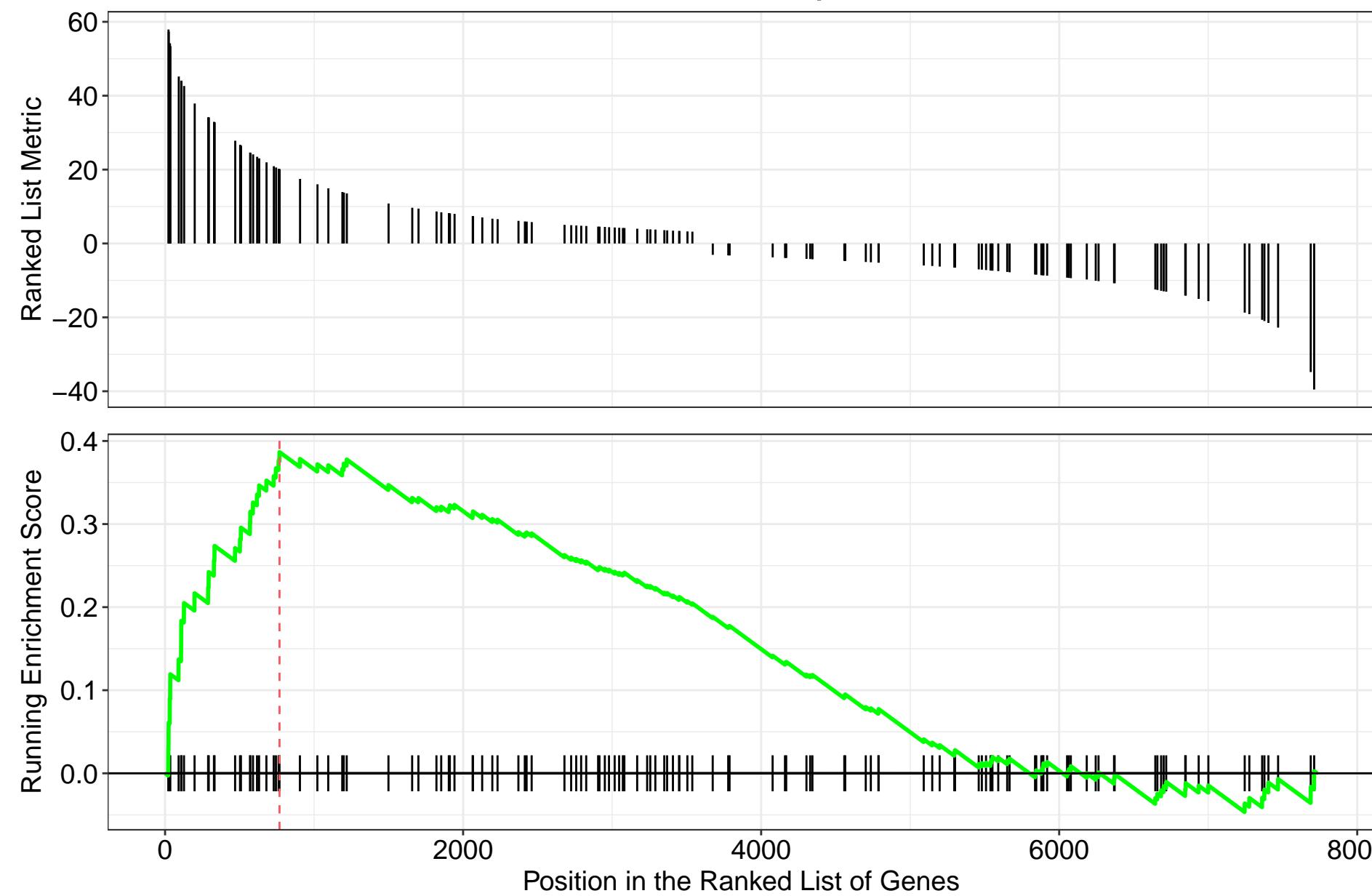
# reactive oxygen species metabolic process



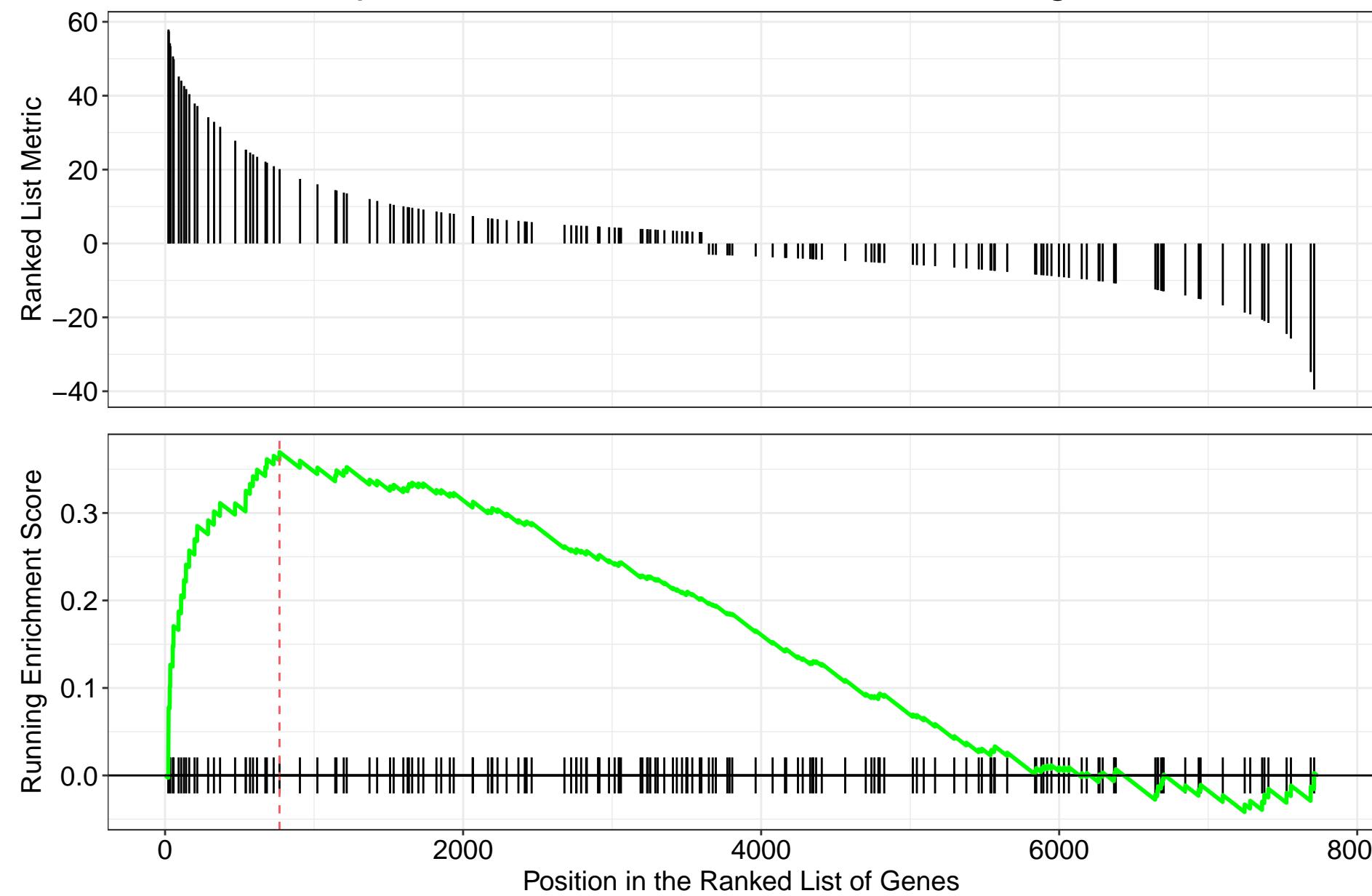
# cellular response to organic cyclic compound



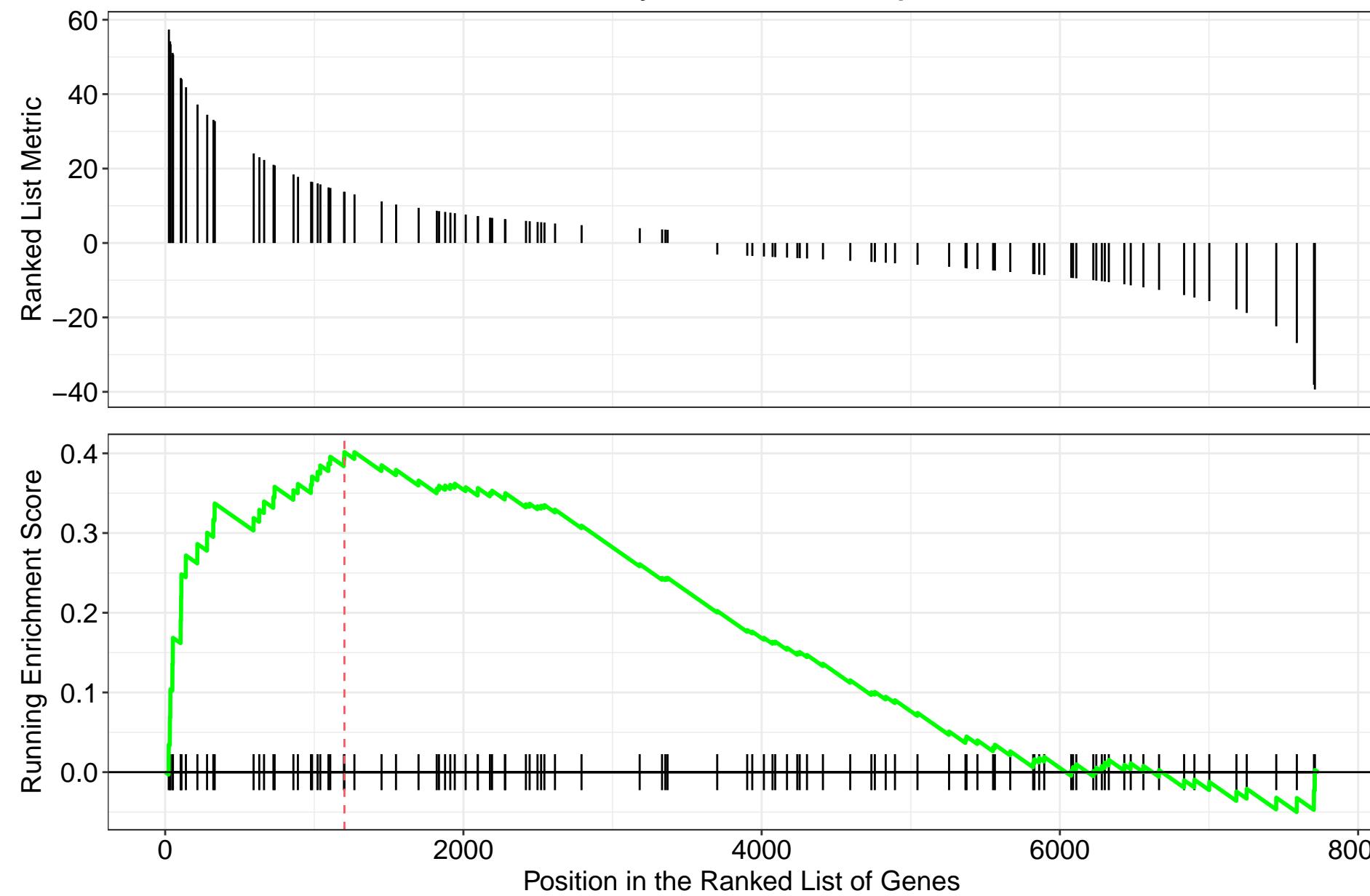
# amide transport



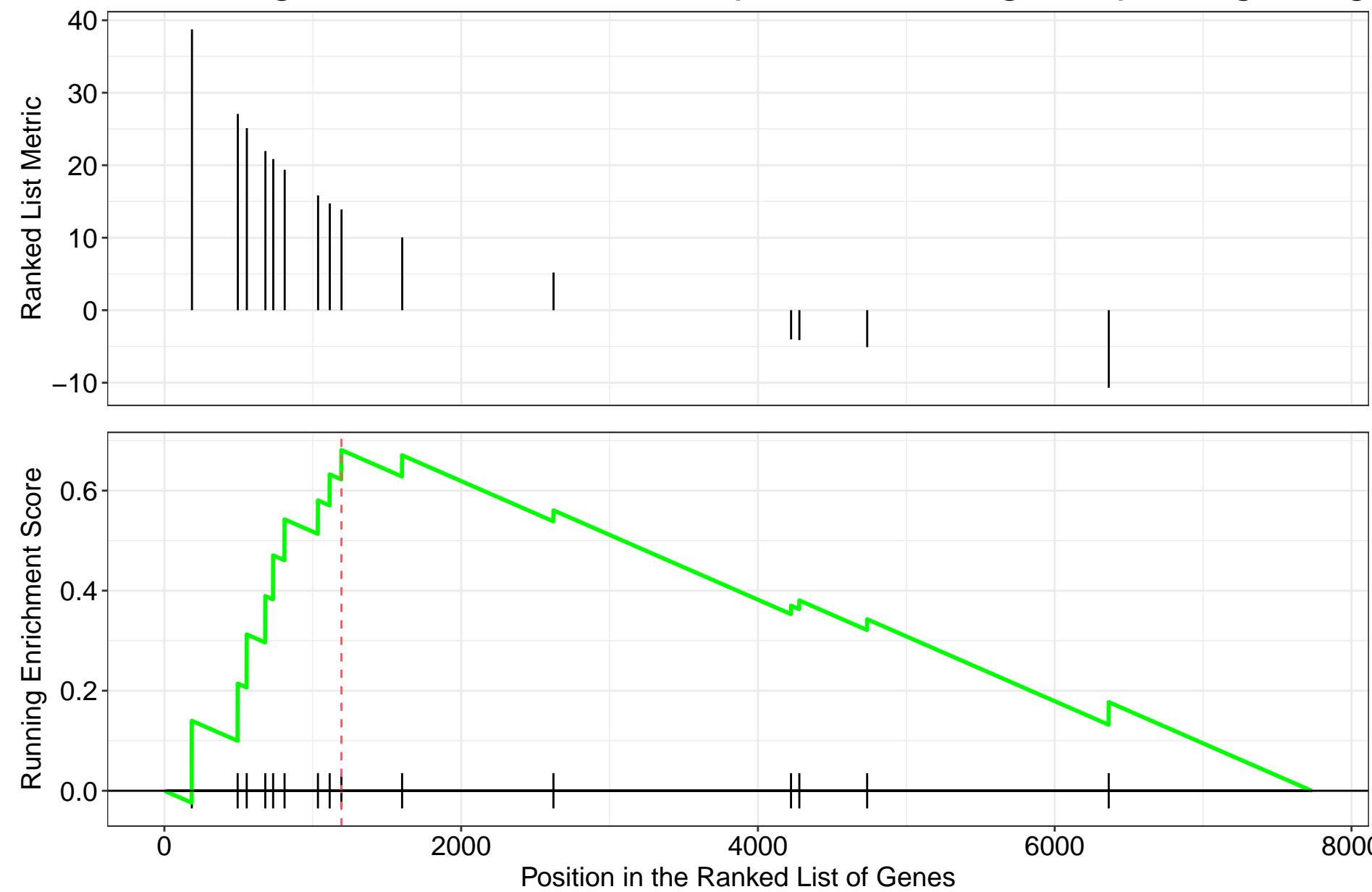
# protein localization to extracellular region



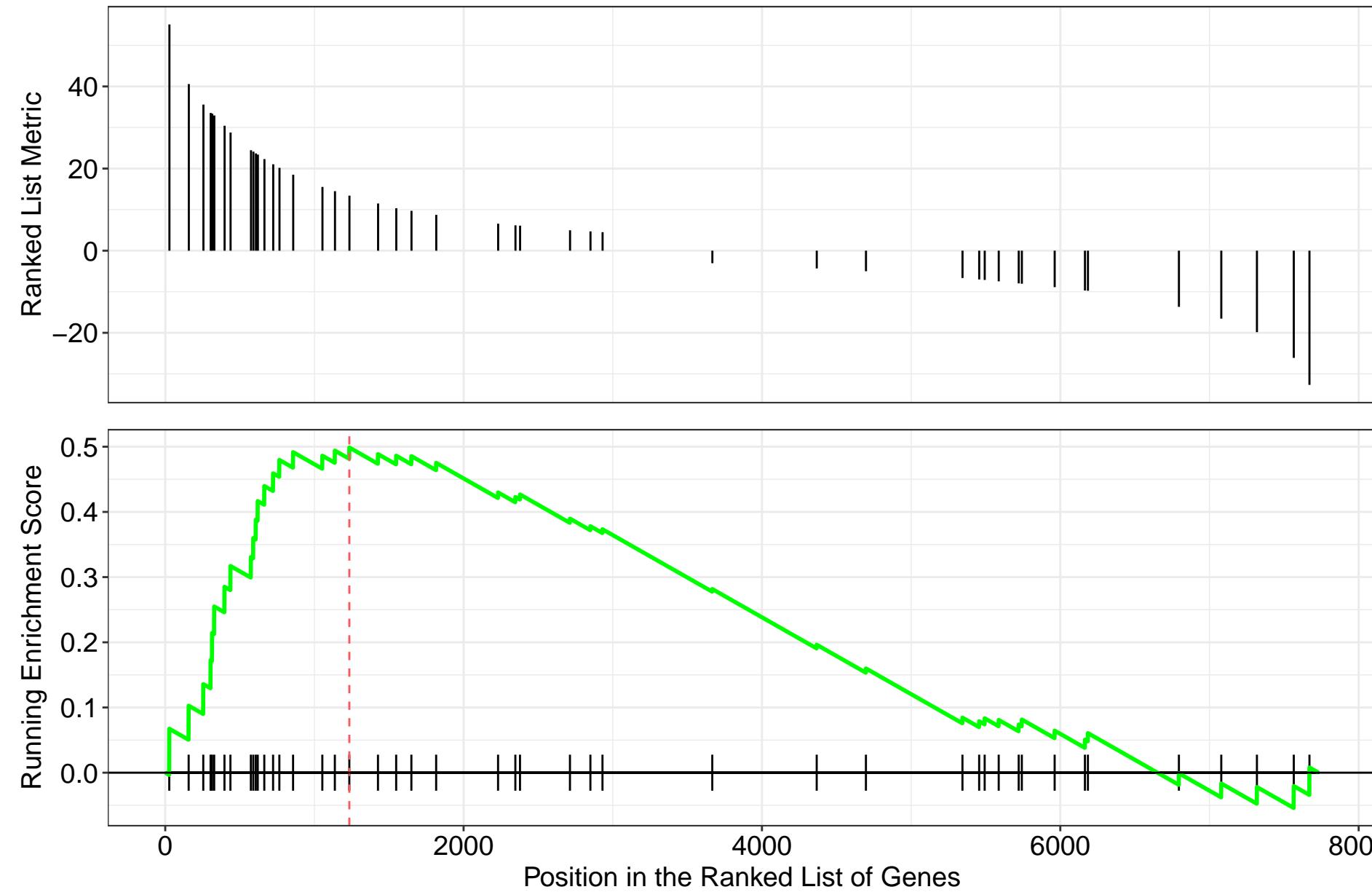
# carboxylic acid transport



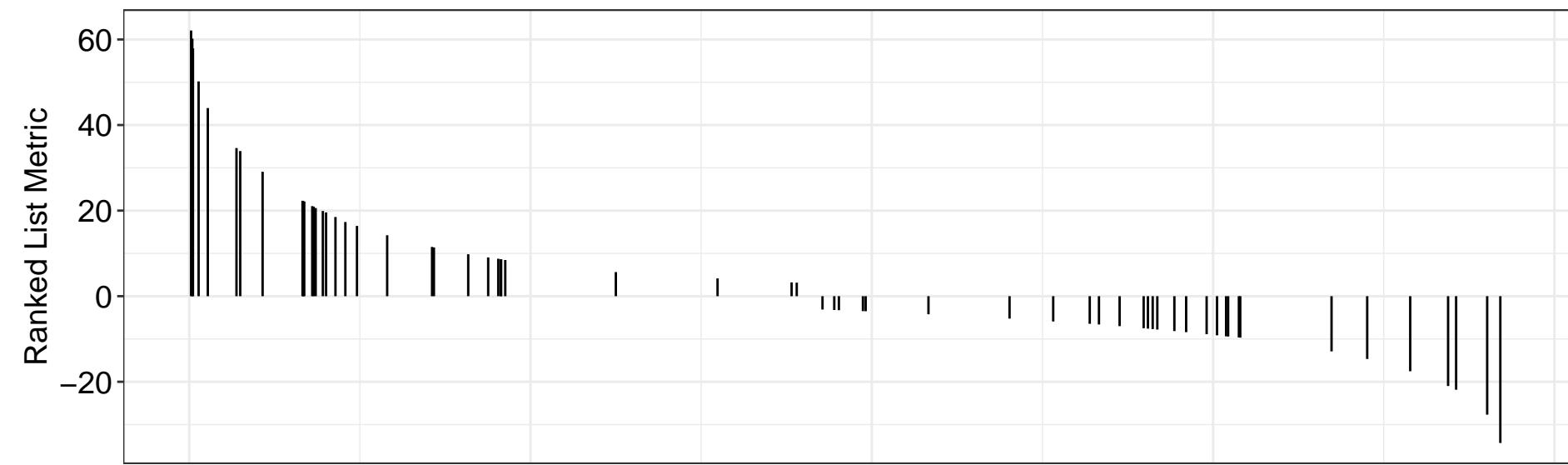
# Cleotide-binding domain, leucine rich repeat containing receptor signaling



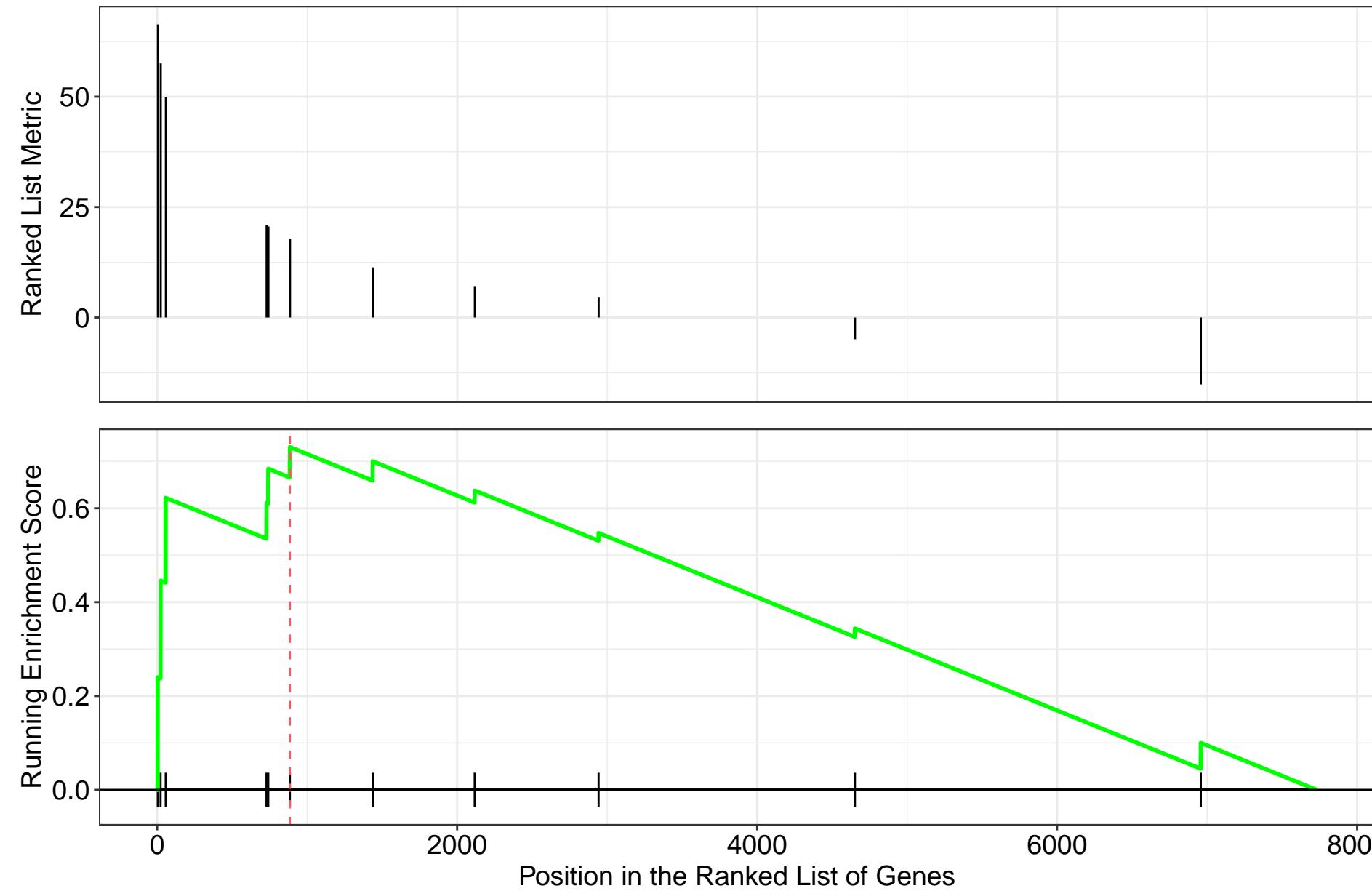
# development of primary female sexual characteristics



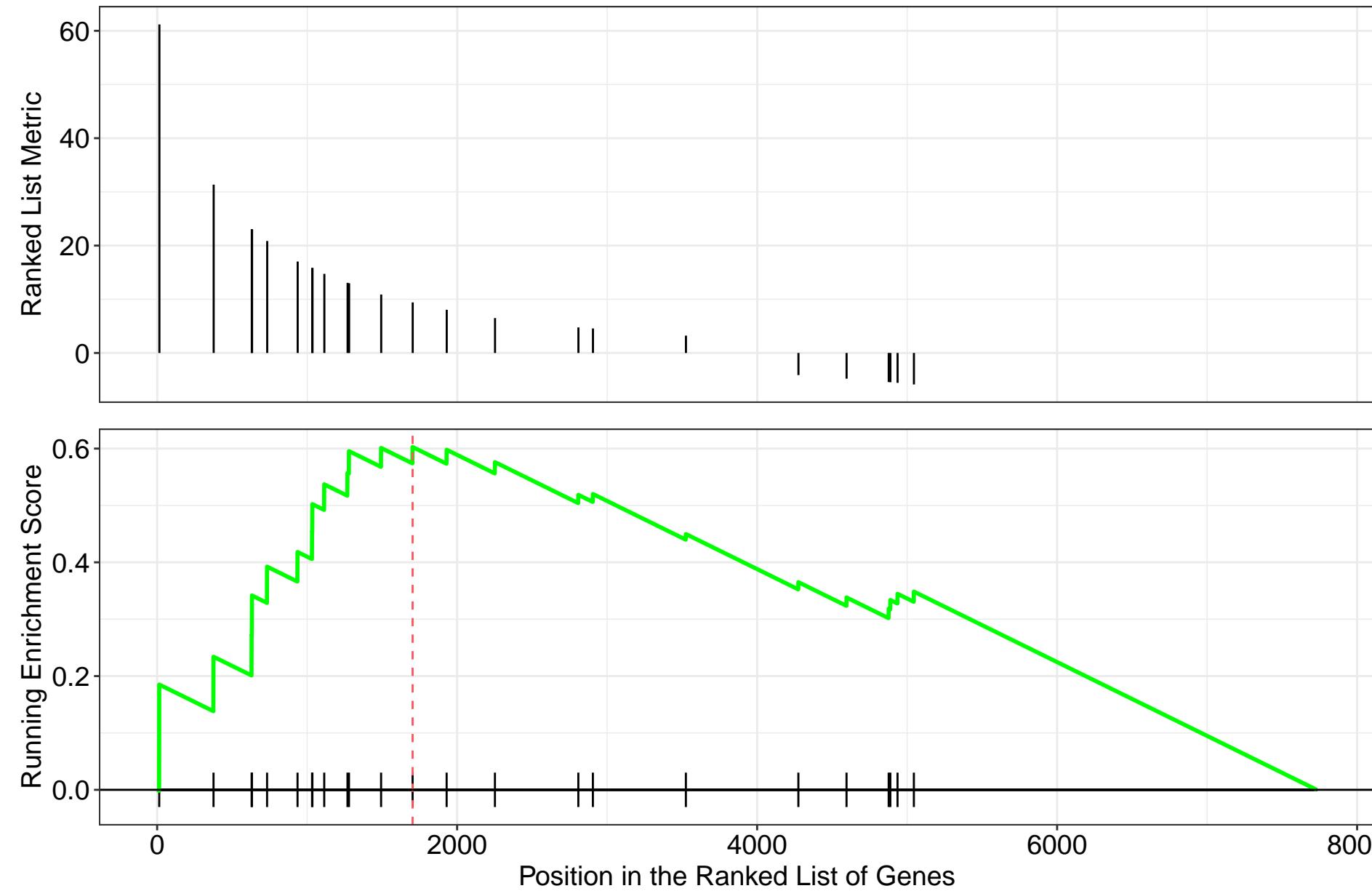
# phosphatidylinositol 3-kinase signaling



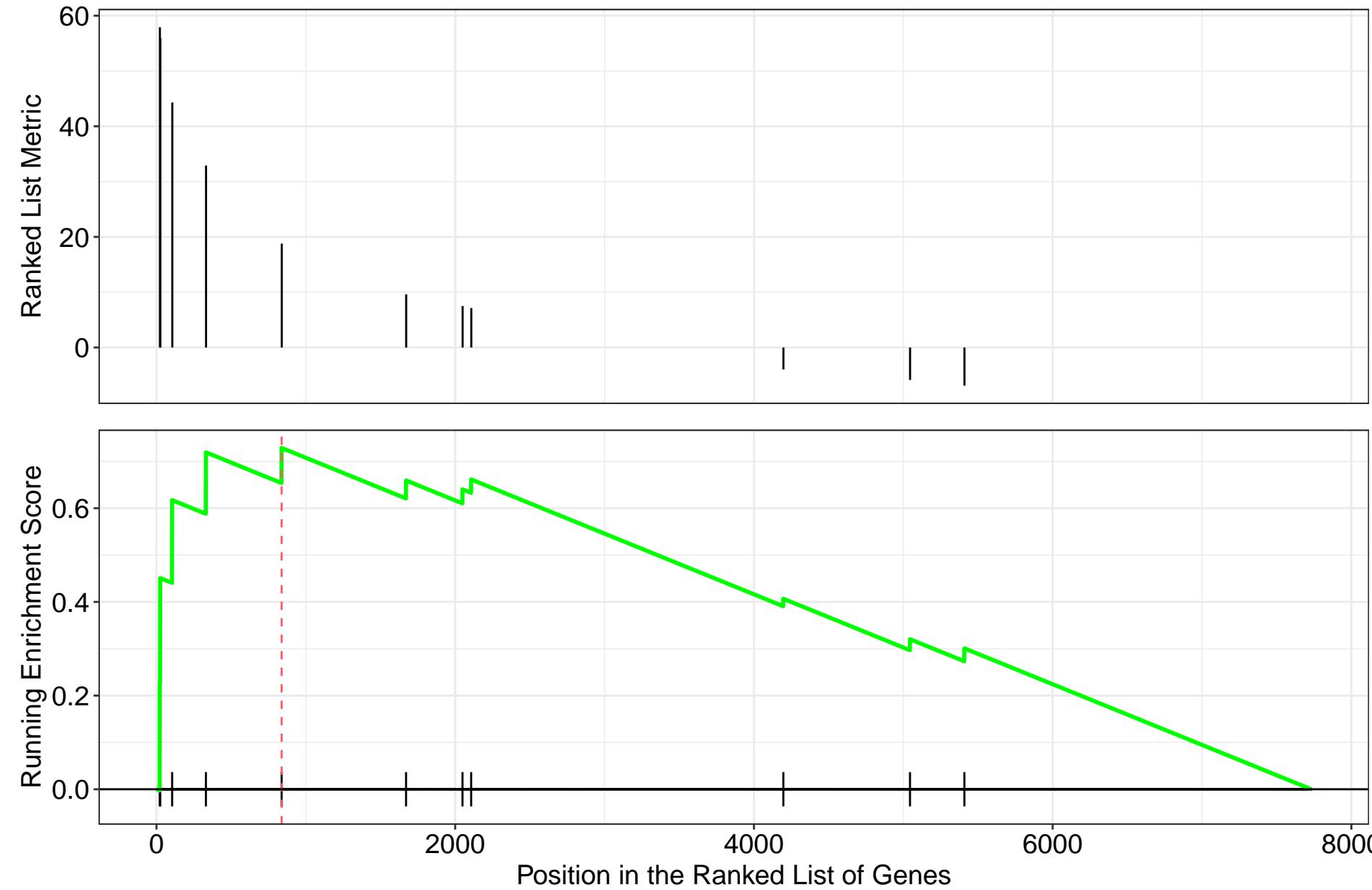
# NK T cell proliferation



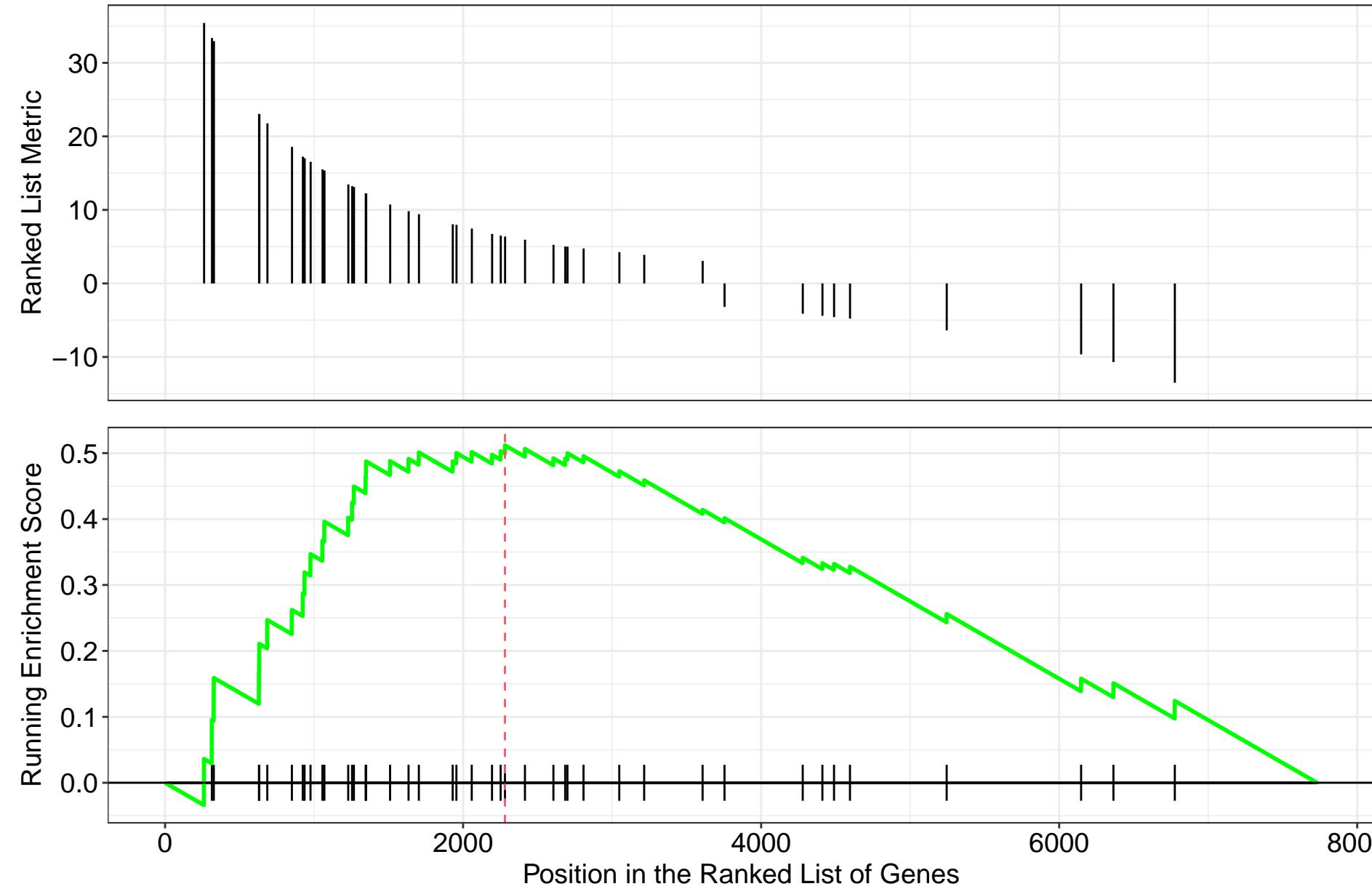
# response to dsRNA



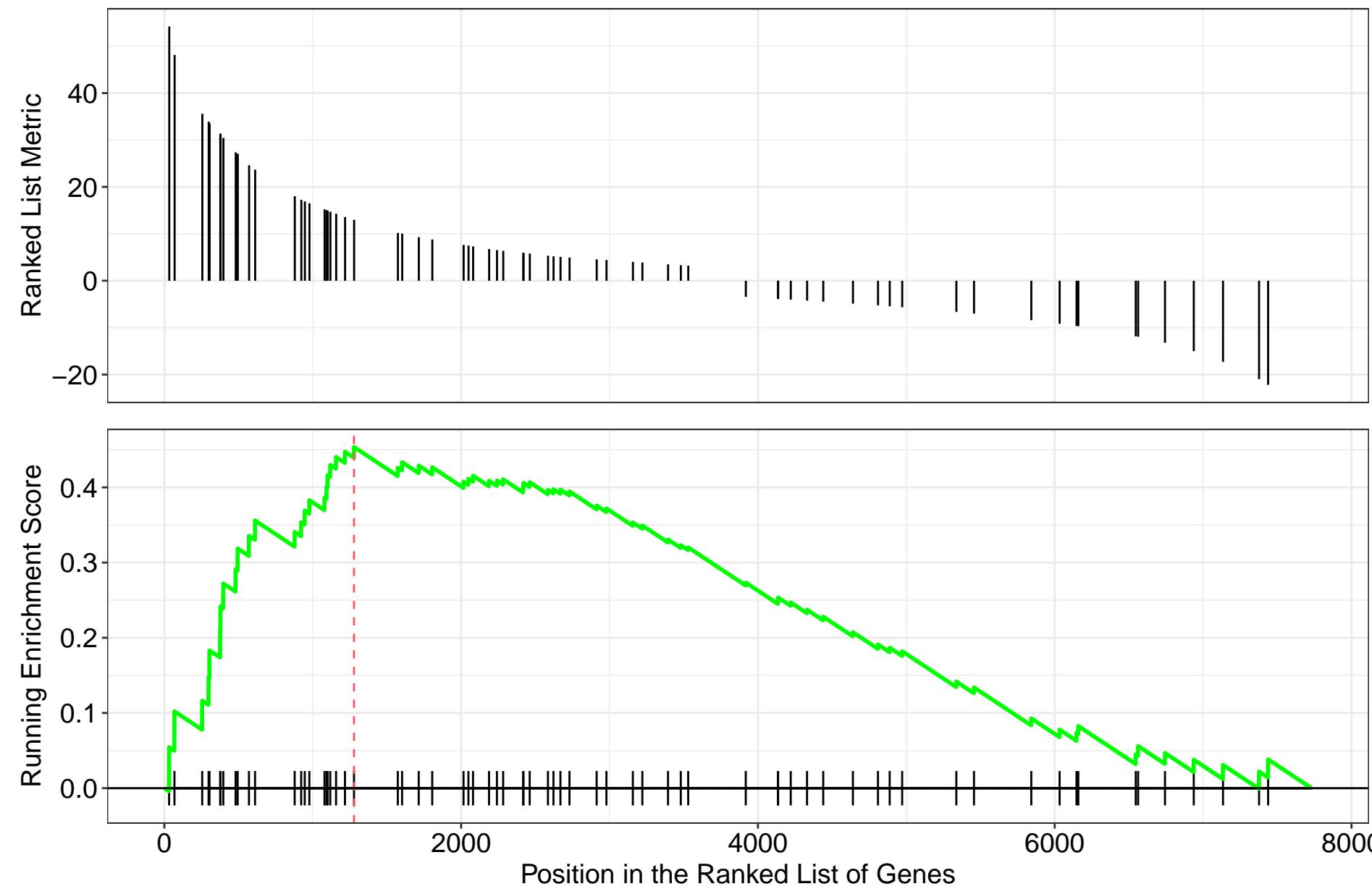
# positive regulation of lymphocyte apoptotic process



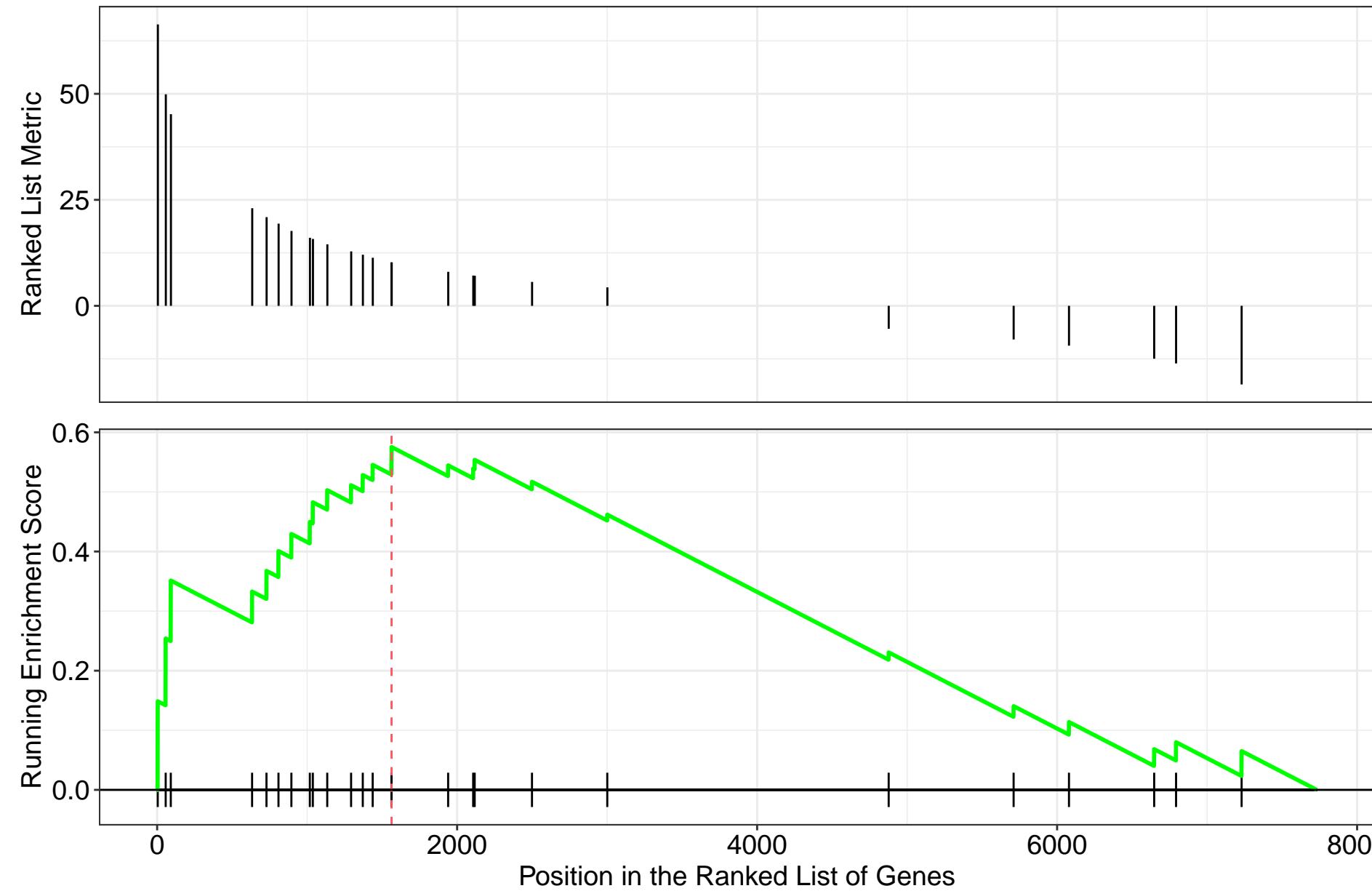
# positive regulation of type I interferon production



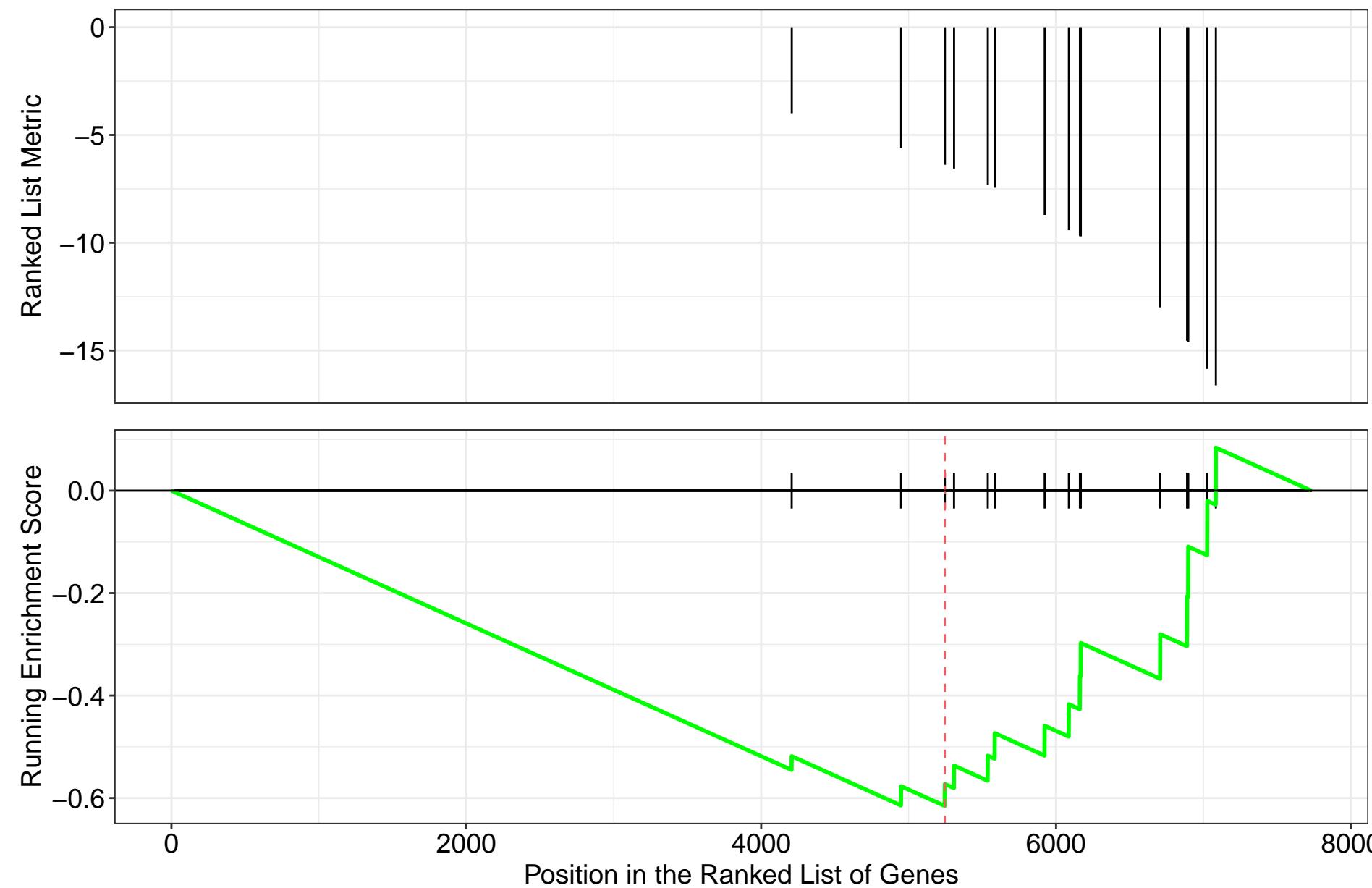
# regulation of extrinsic apoptotic signaling pathway



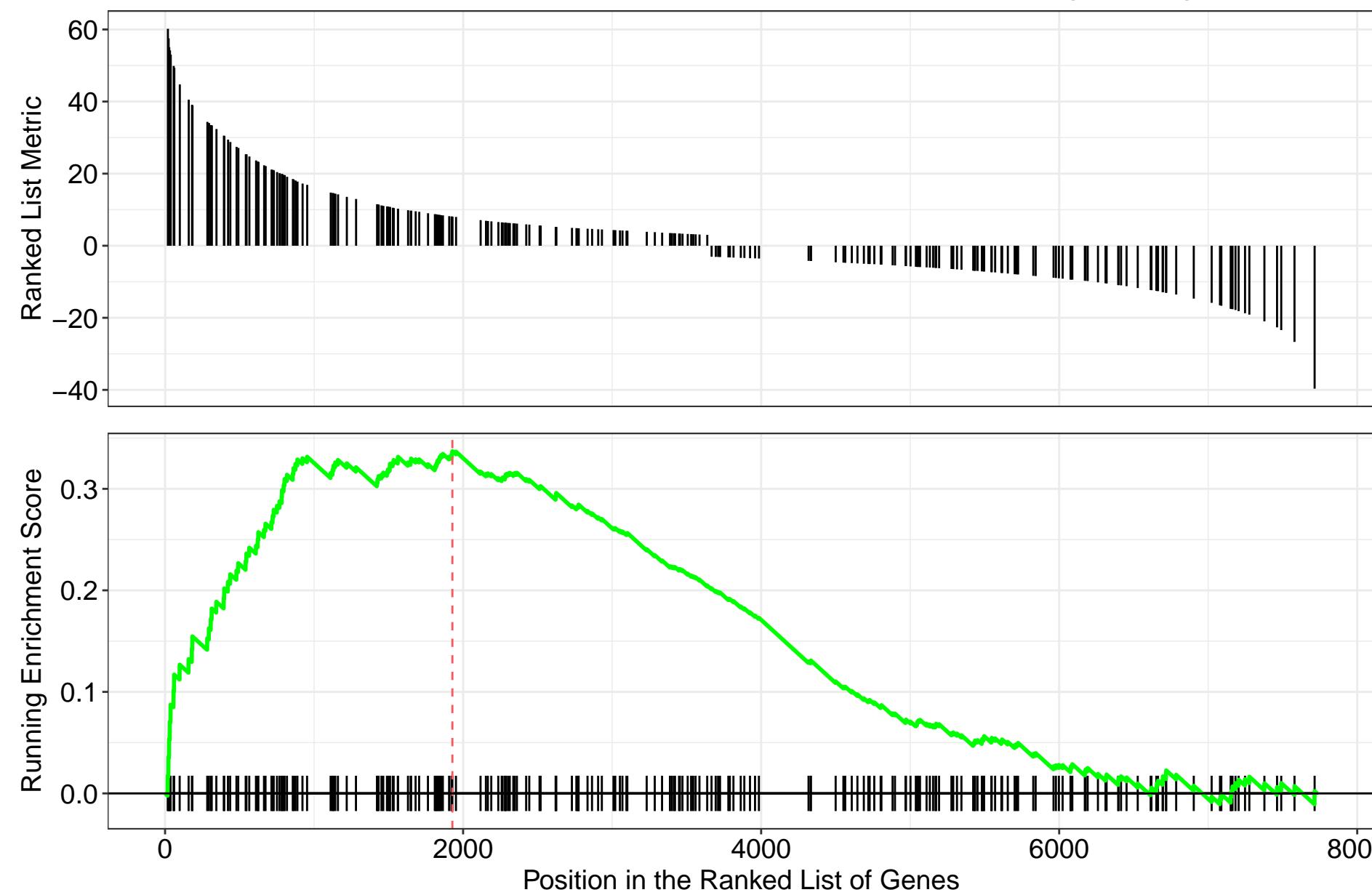
# T-helper 17 type immune response



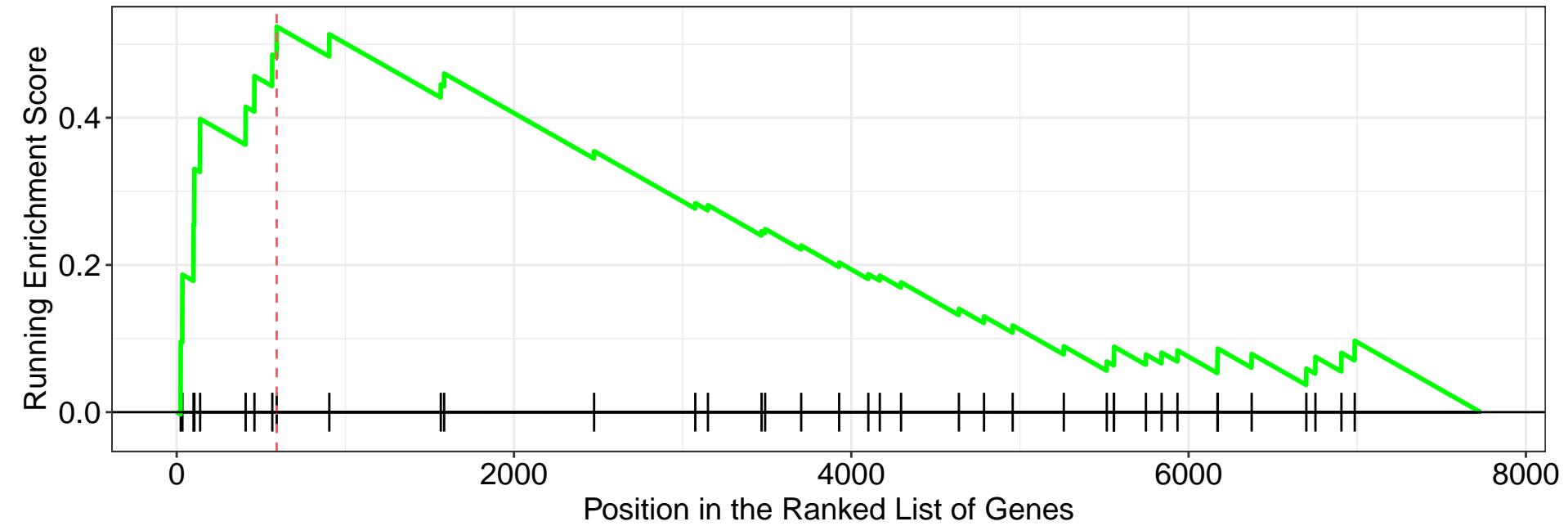
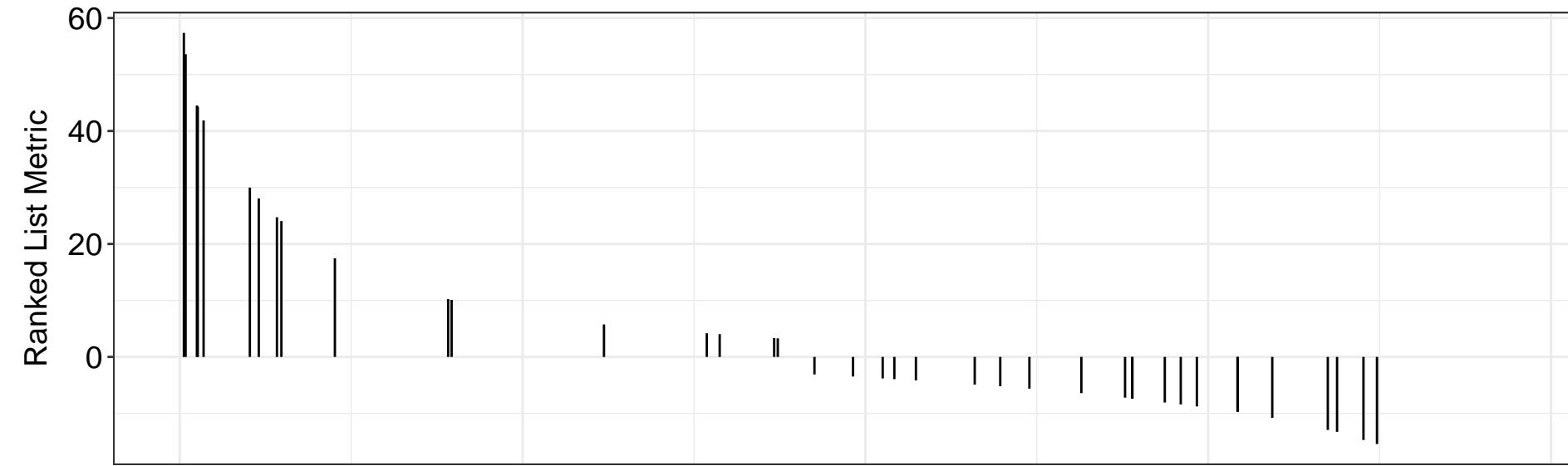
# DNA unwinding involved in DNA replication



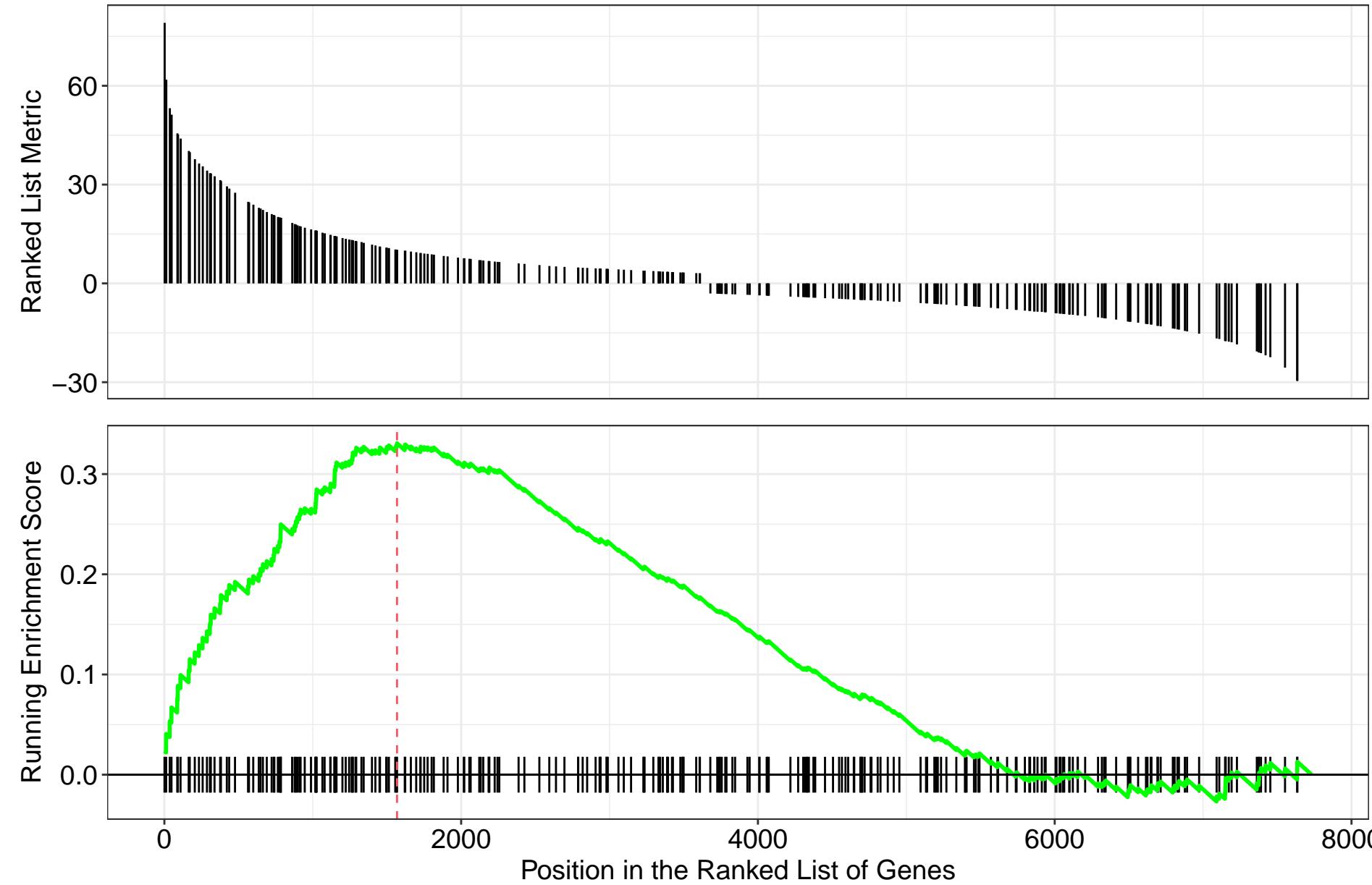
# transmembrane receptor protein tyrosine kinase signaling pathway



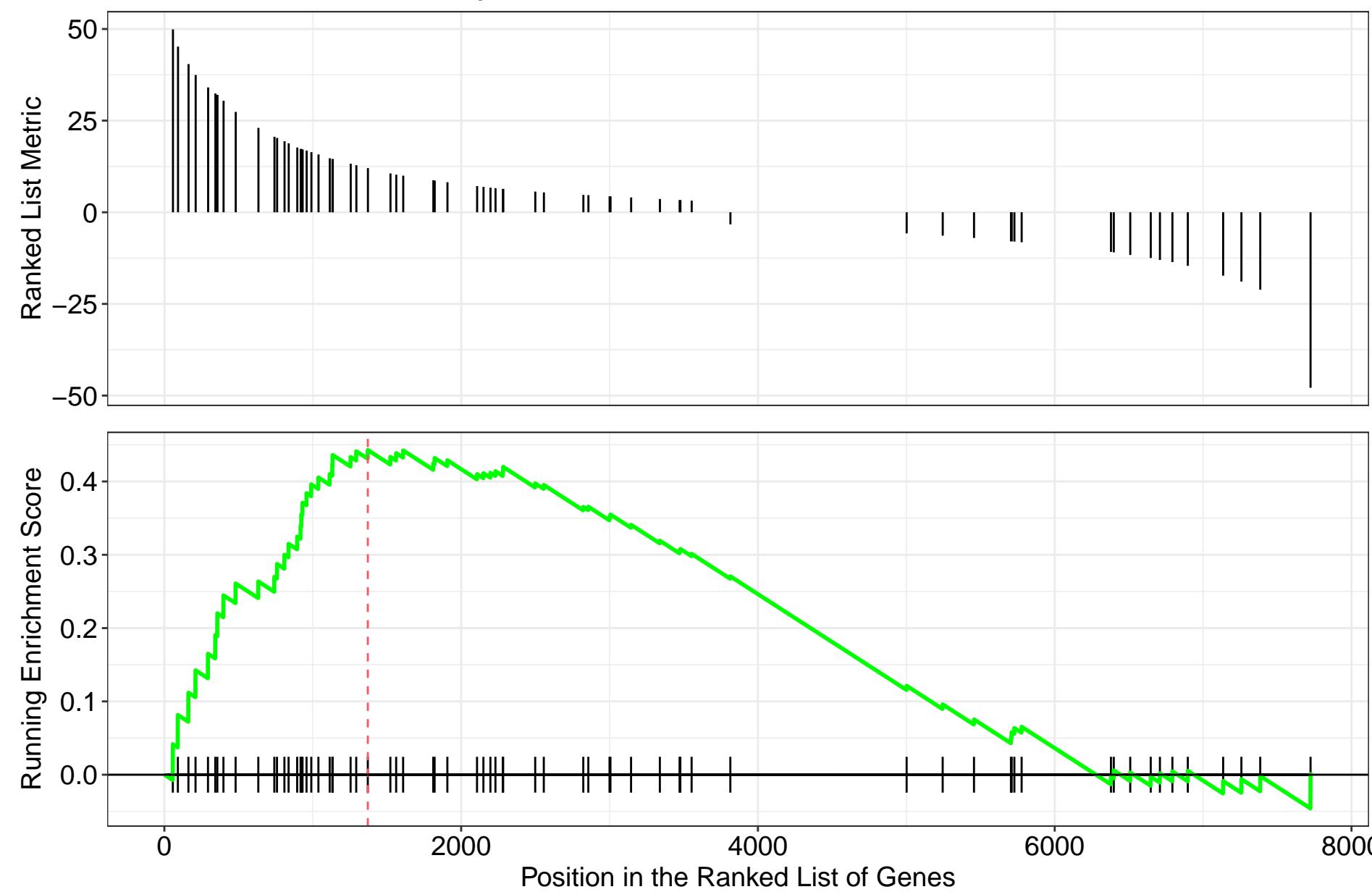
# cellular amino acid catabolic process



# muscle structure development

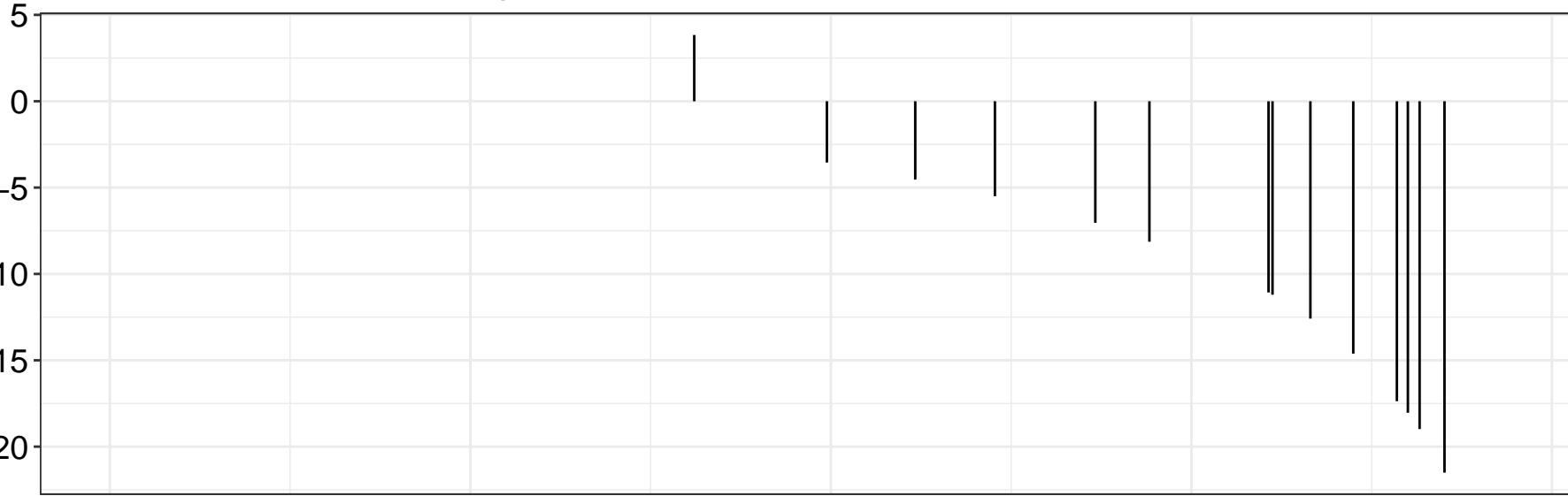


# alpha–beta T cell differentiation



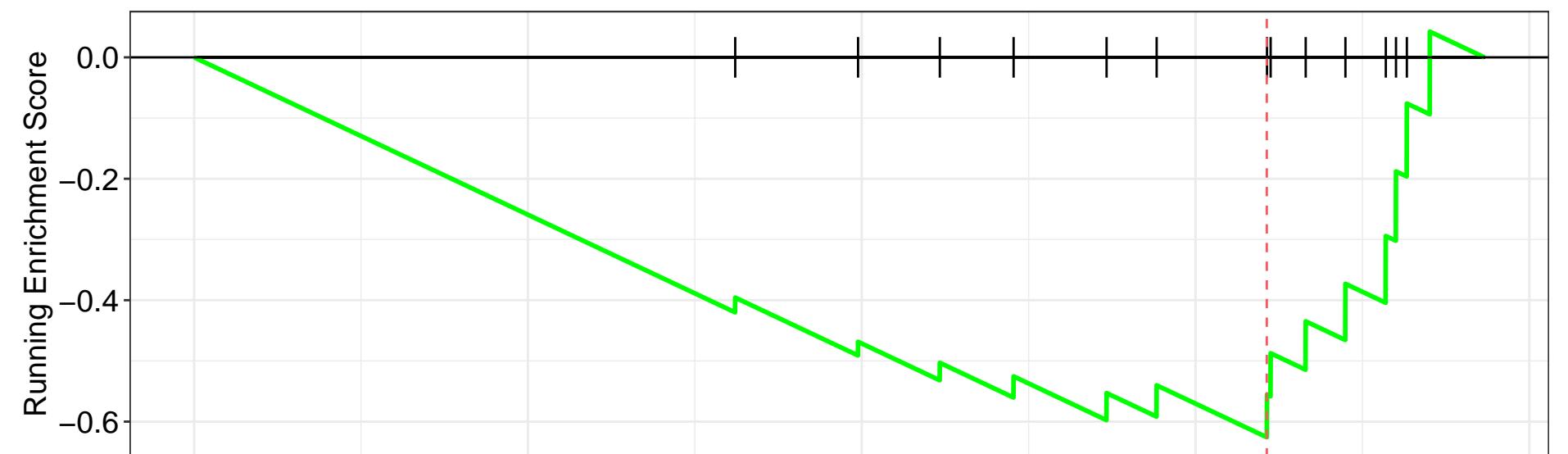
# regulation of spindle checkpoint

Ranked List Metric

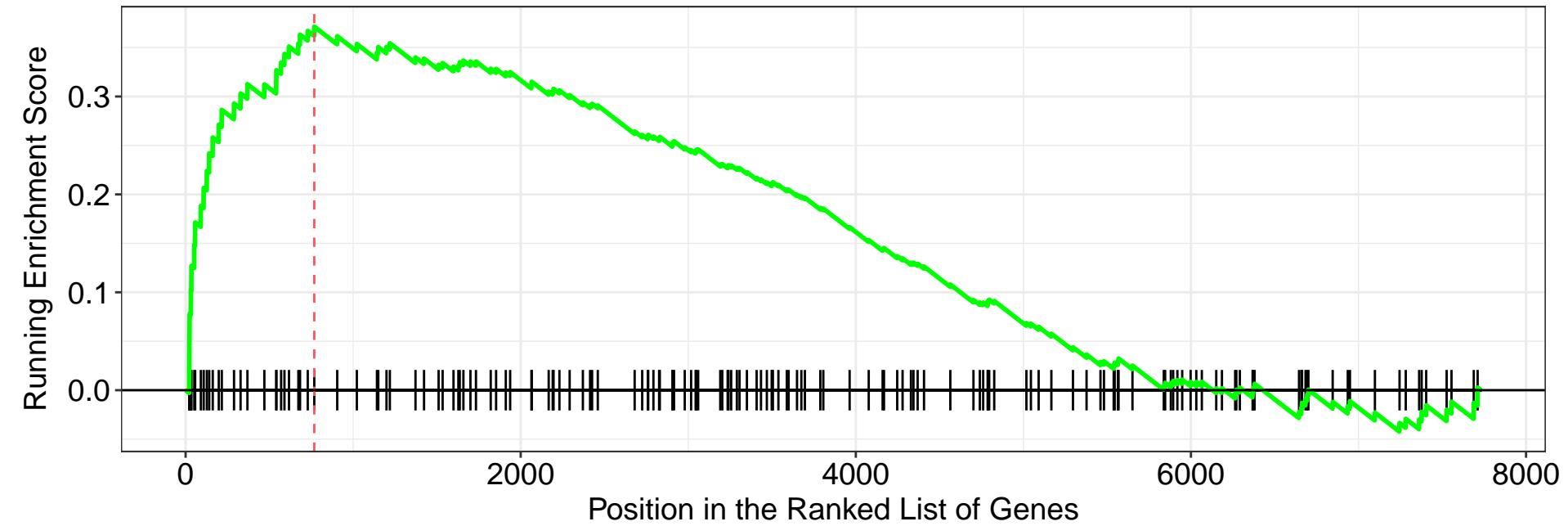
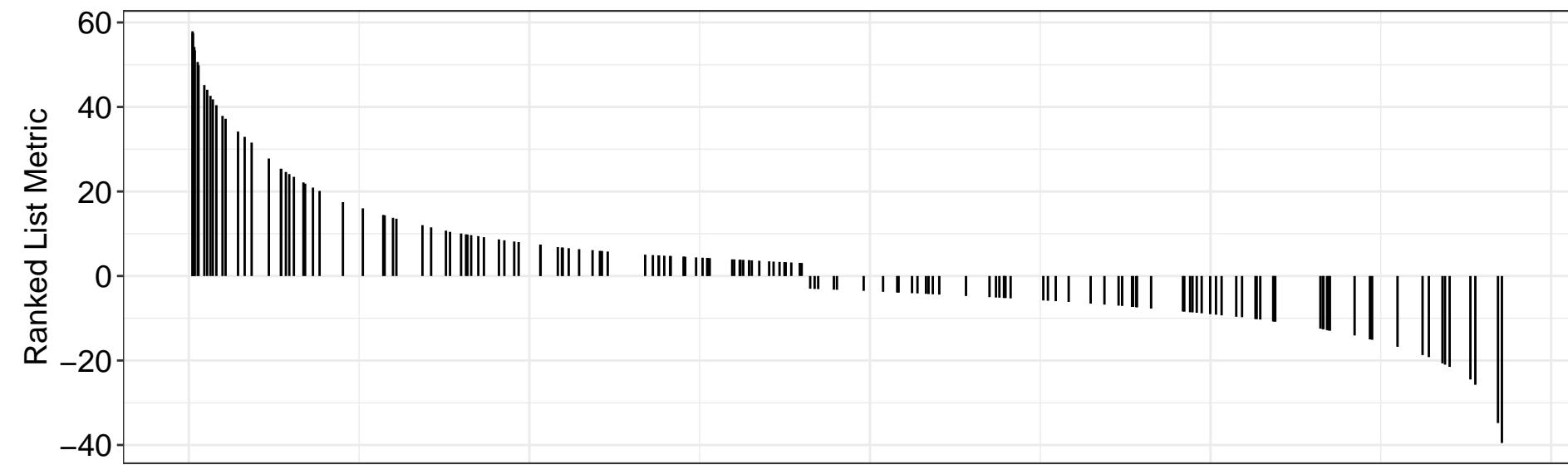


Running Enrichment Score

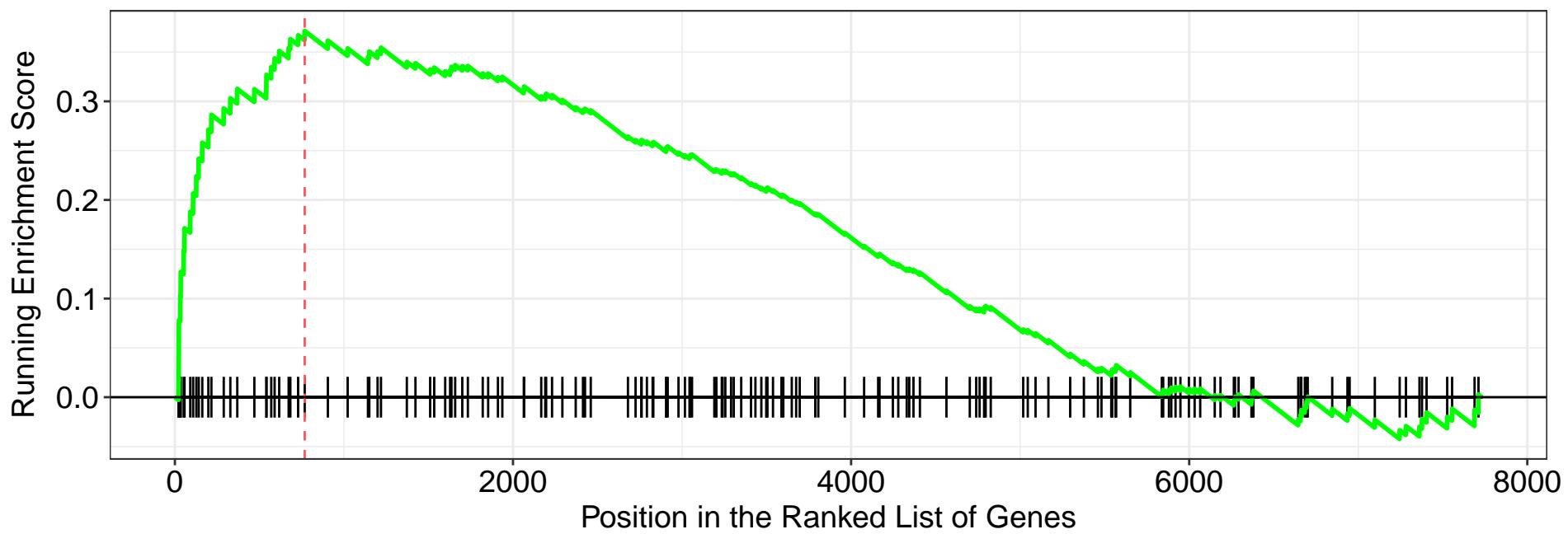
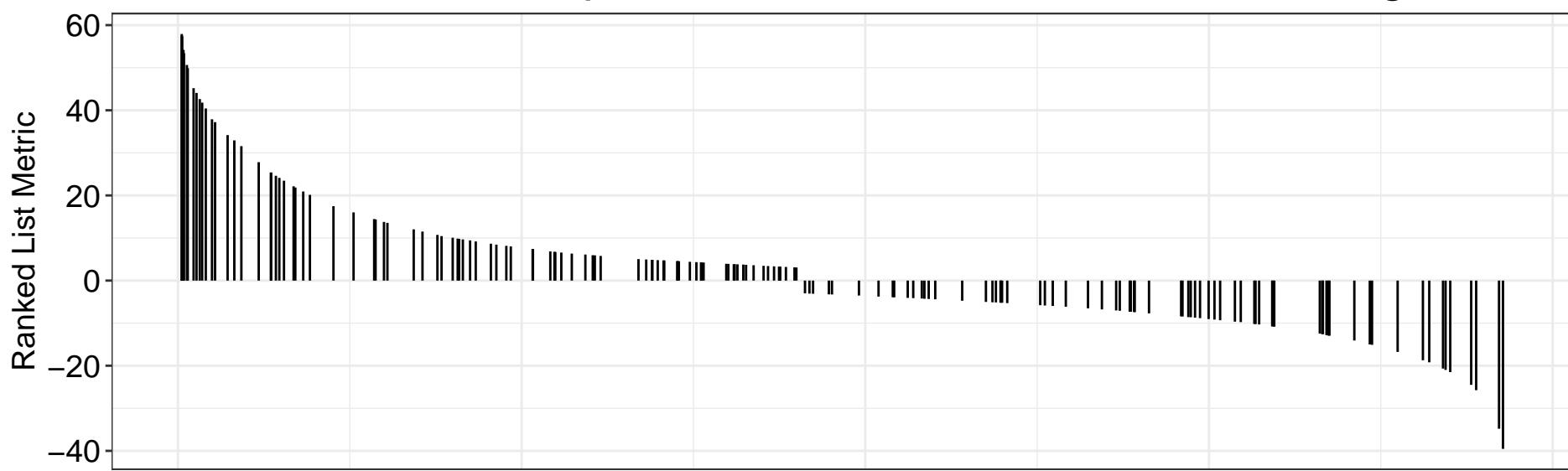
Position in the Ranked List of Genes



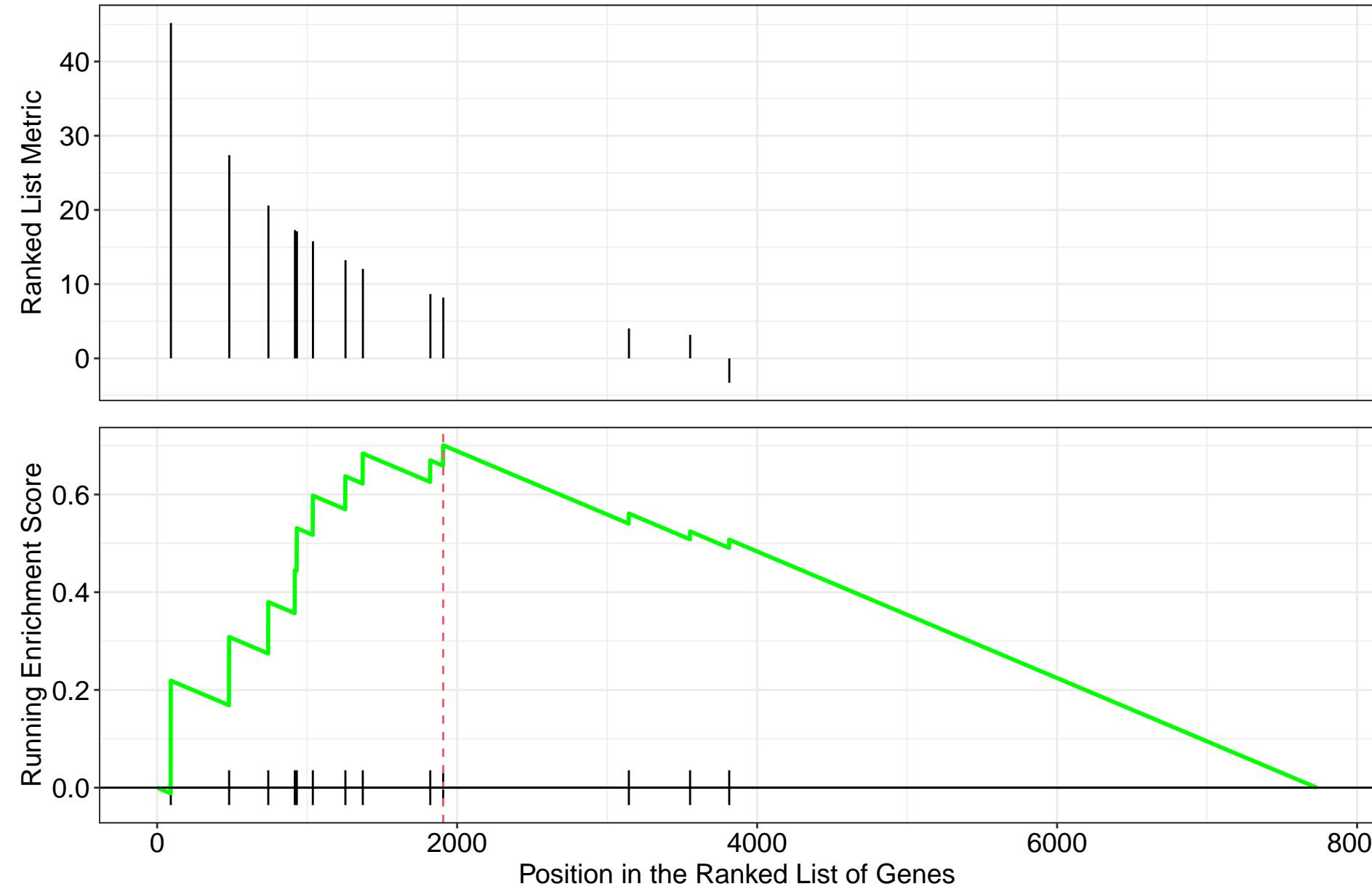
# protein secretion



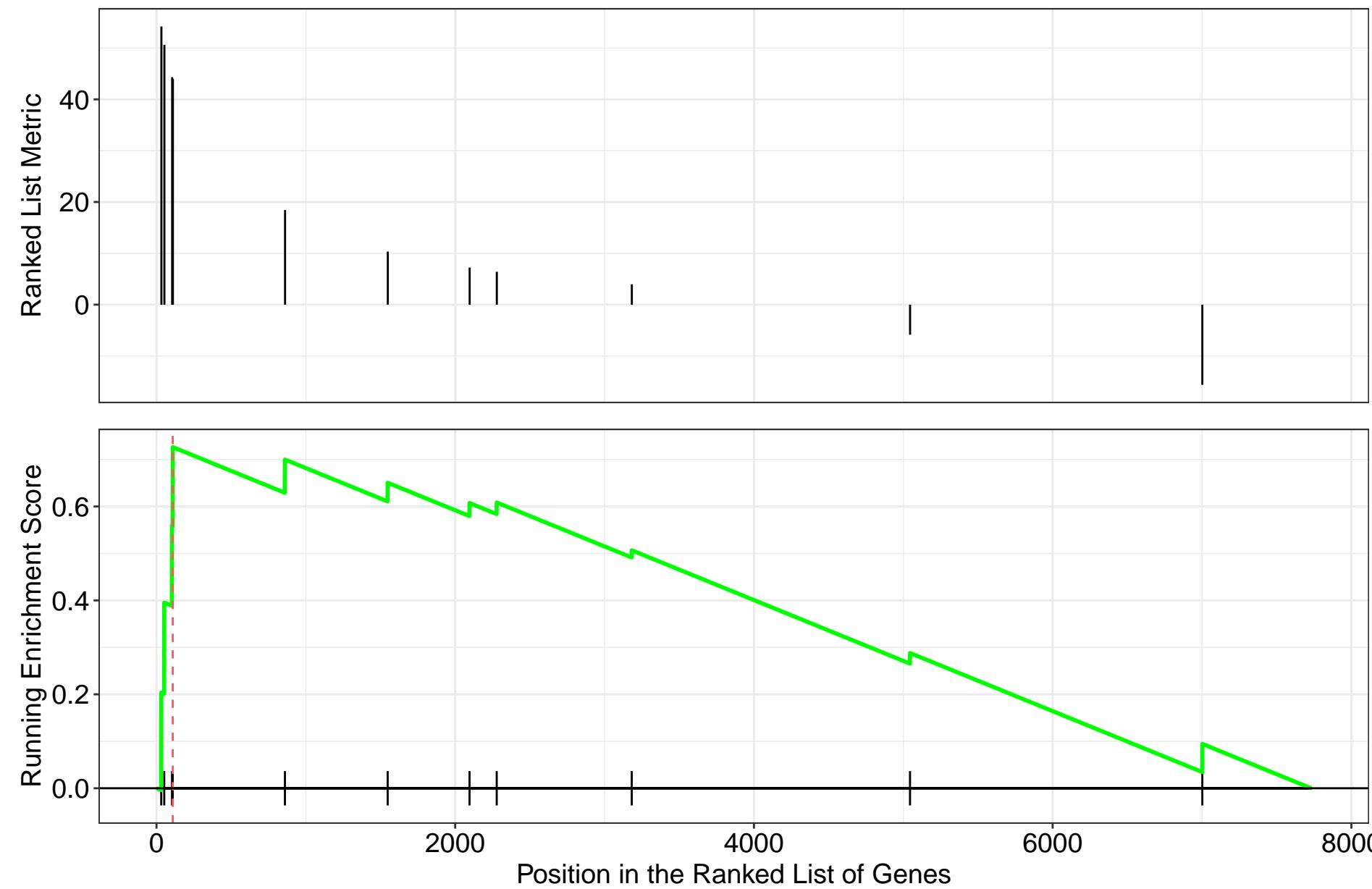
# establishment of protein localization to extracellular region



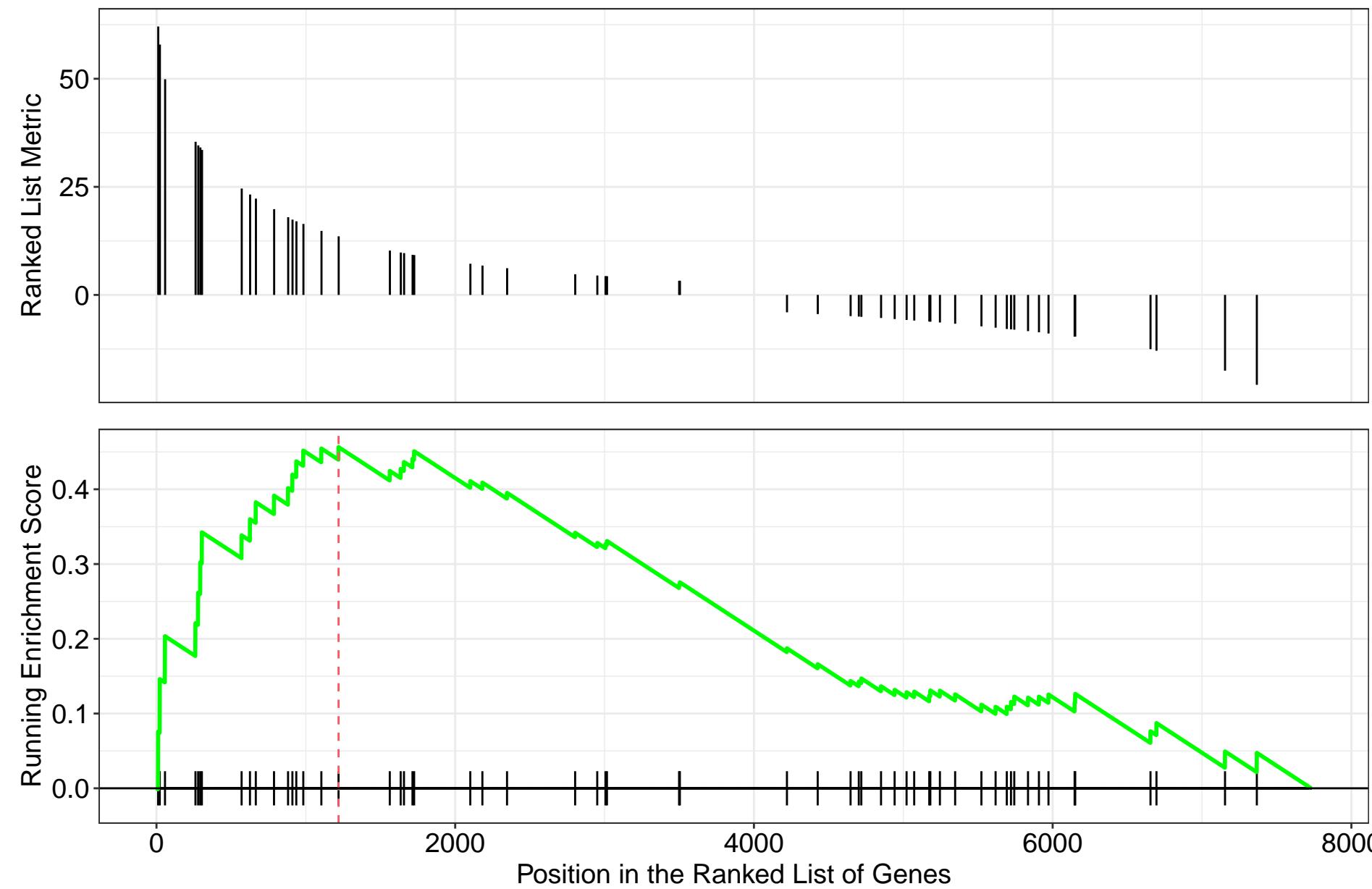
# T-helper 2 cell differentiation



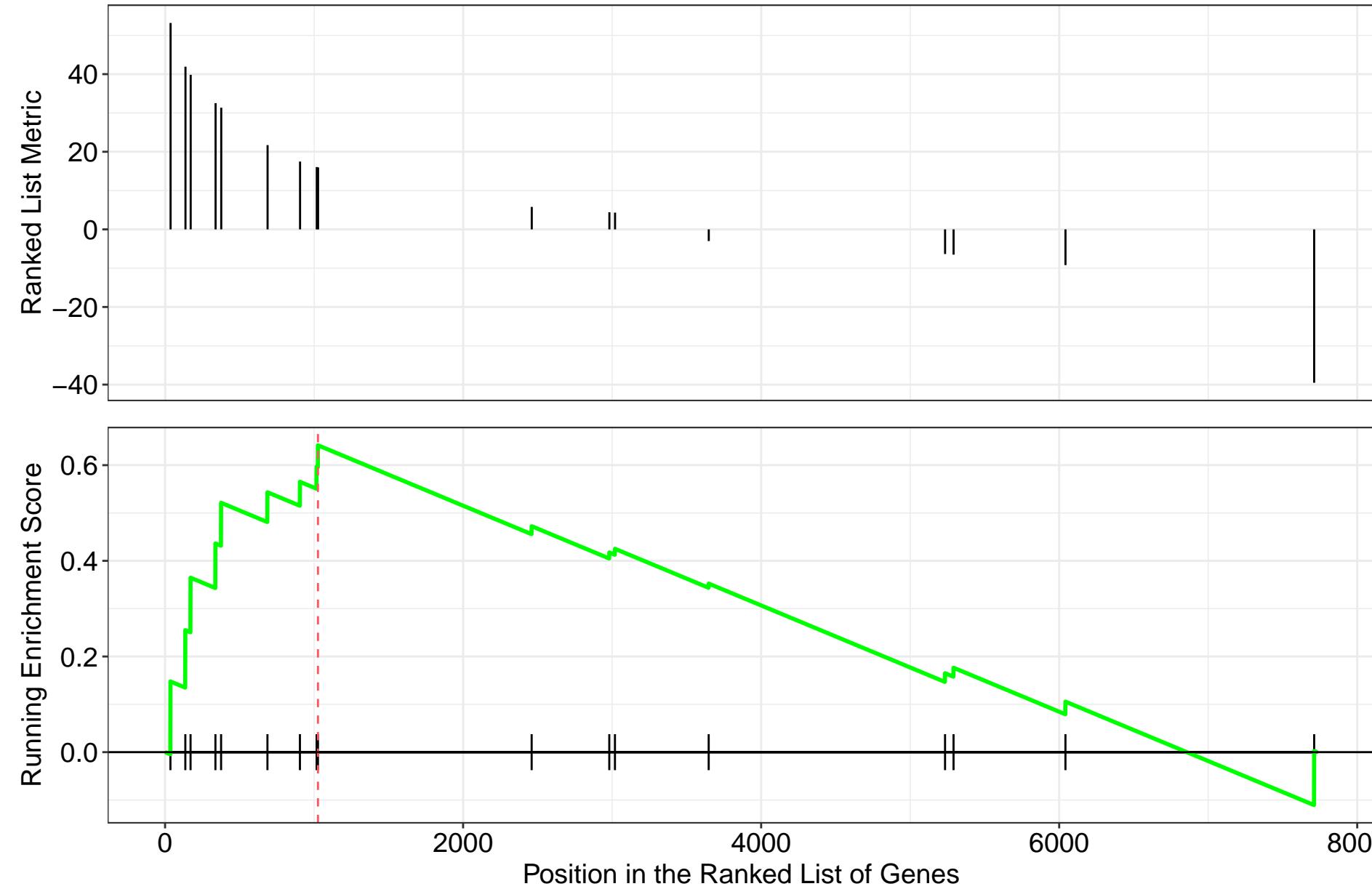
# positive regulation of icosanoid secretion



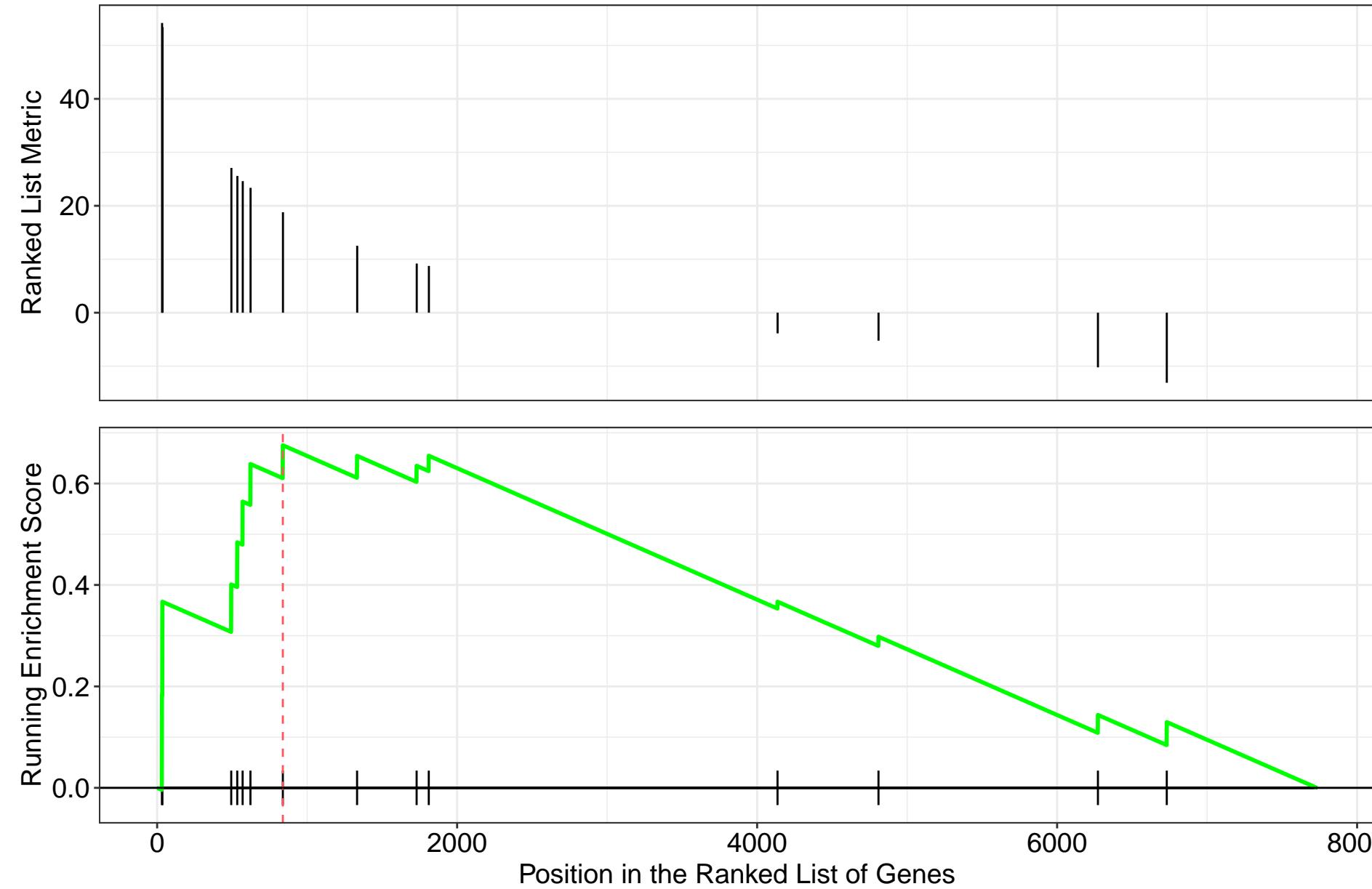
# positive regulation of myeloid cell differentiation



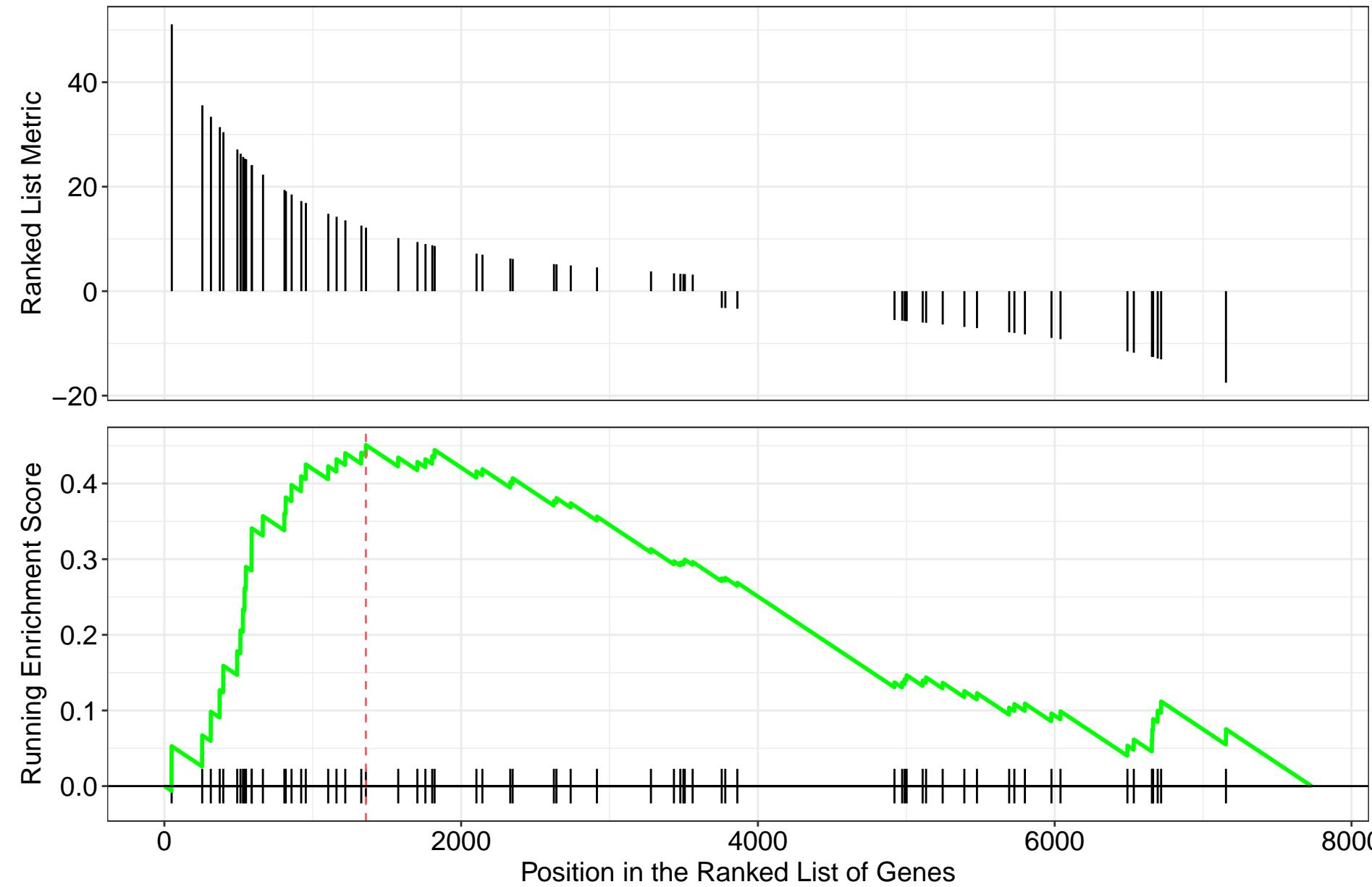
# regulation of actin filament–based movement



# regulation of heterotypic cell–cell adhesion

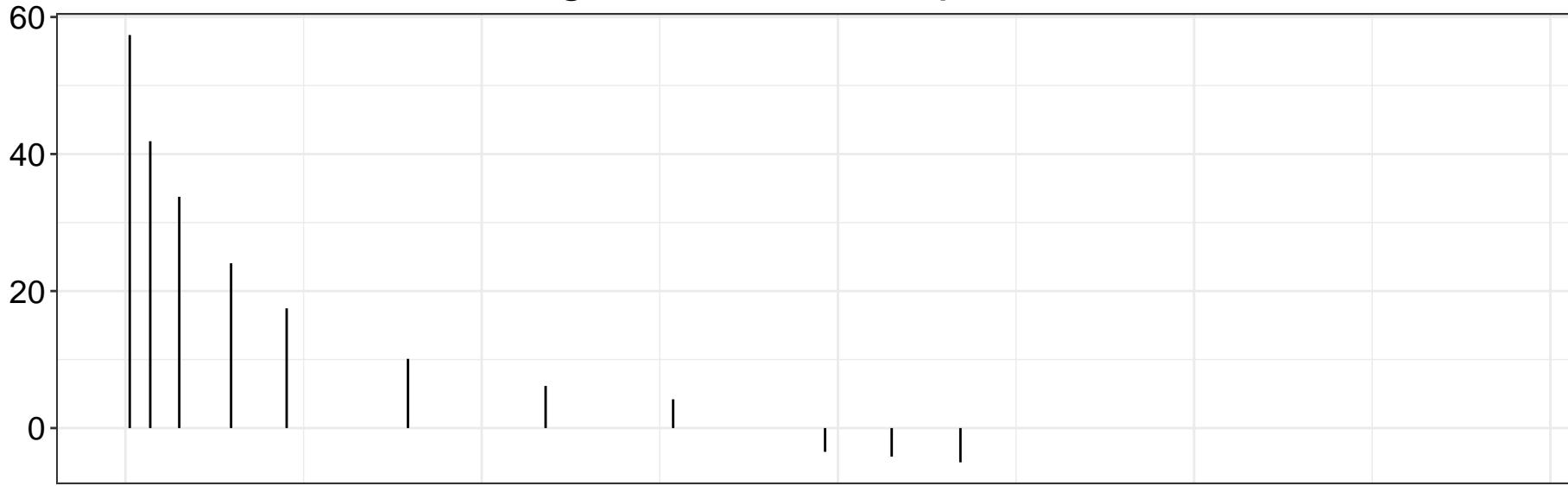


# positive regulation of epithelial cell migration

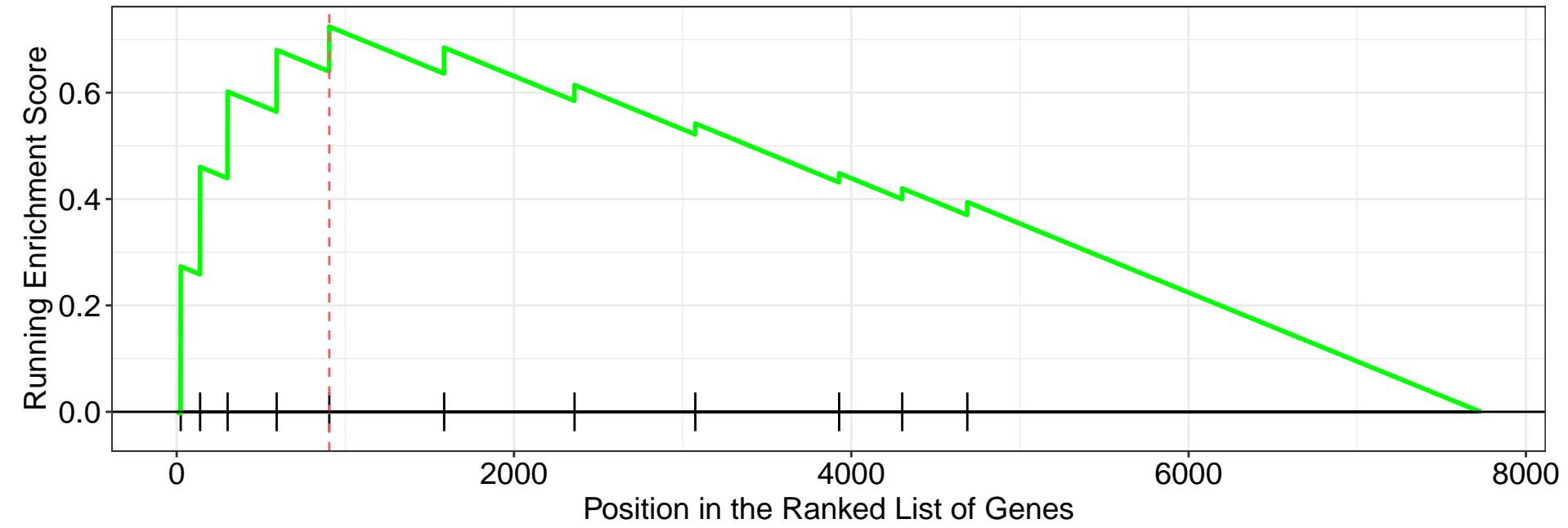


# arginine metabolic process

Ranked List Metric

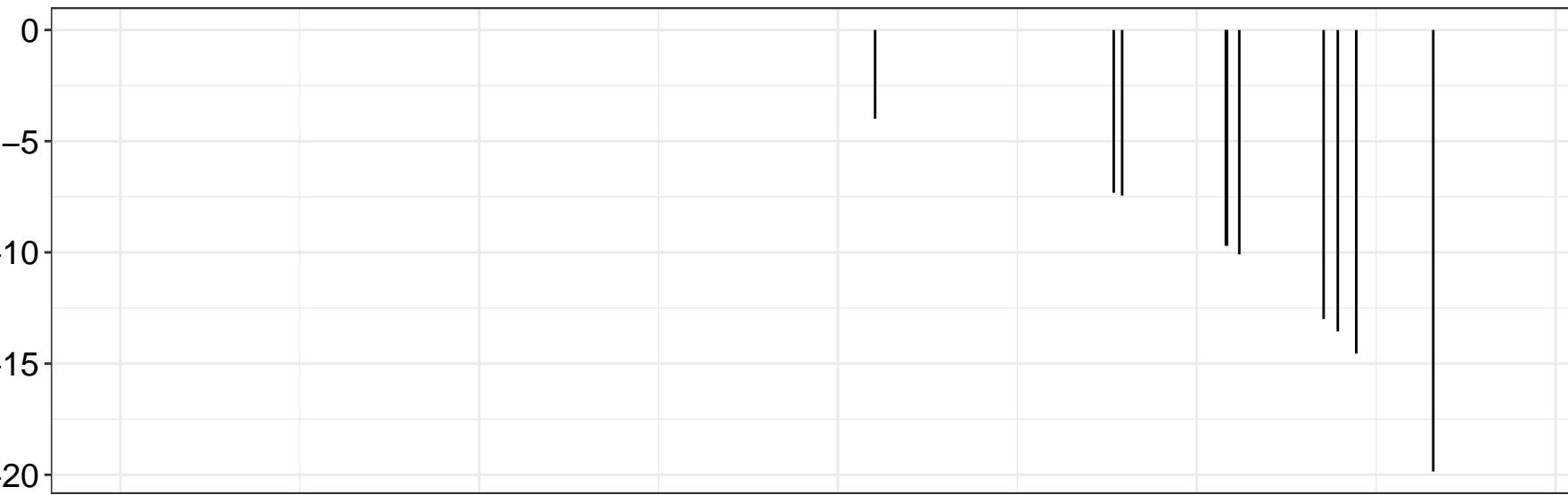


Running Enrichment Score



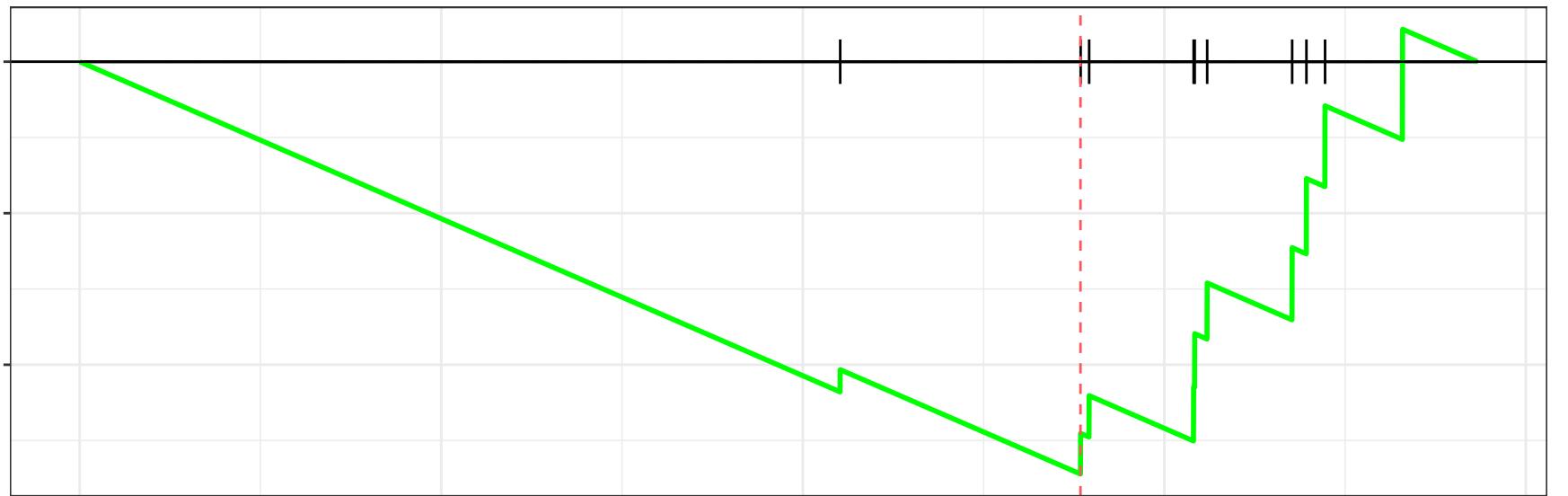
# mitotic DNA replication

Ranked List Metric

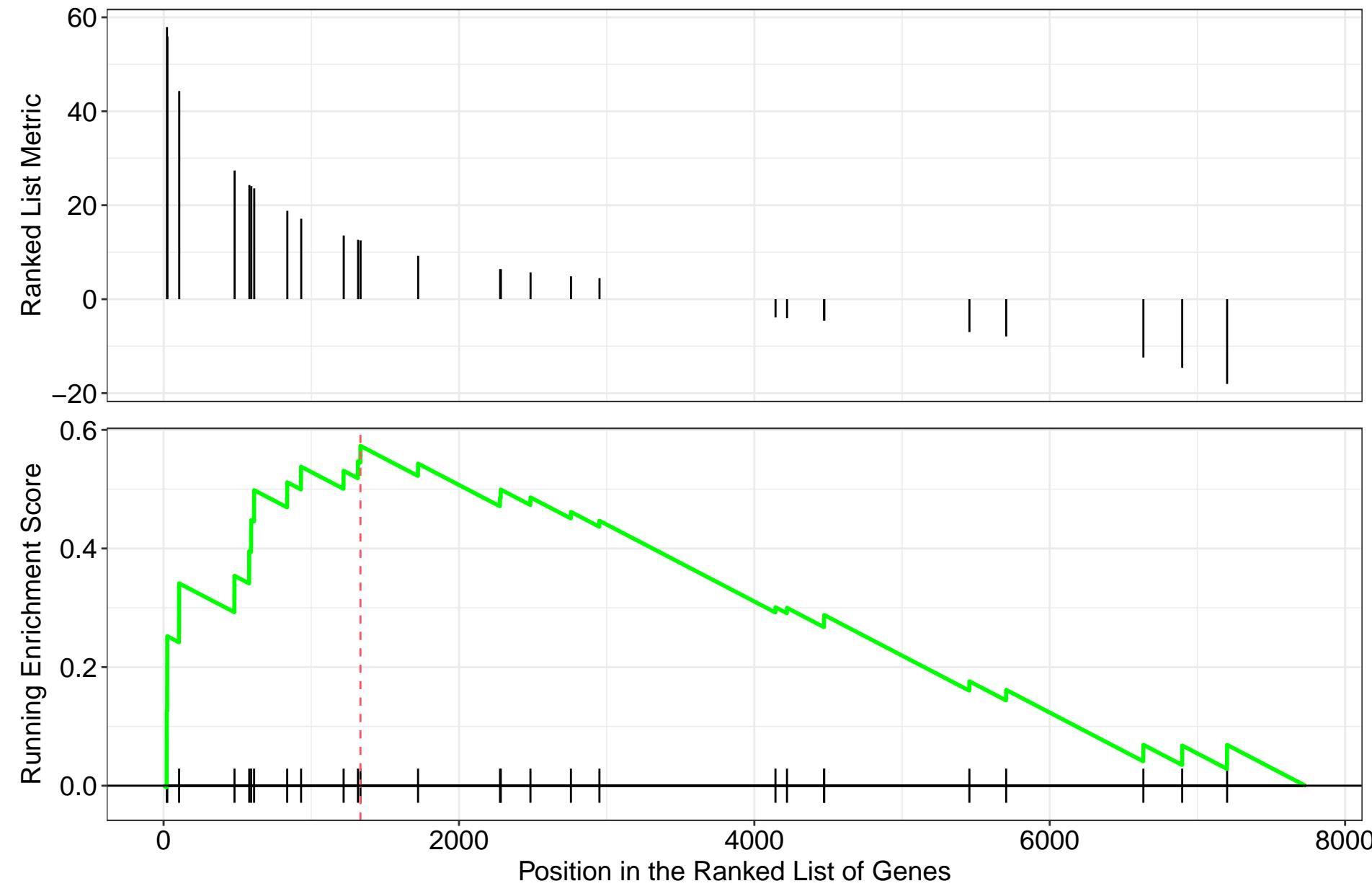


Running Enrichment Score

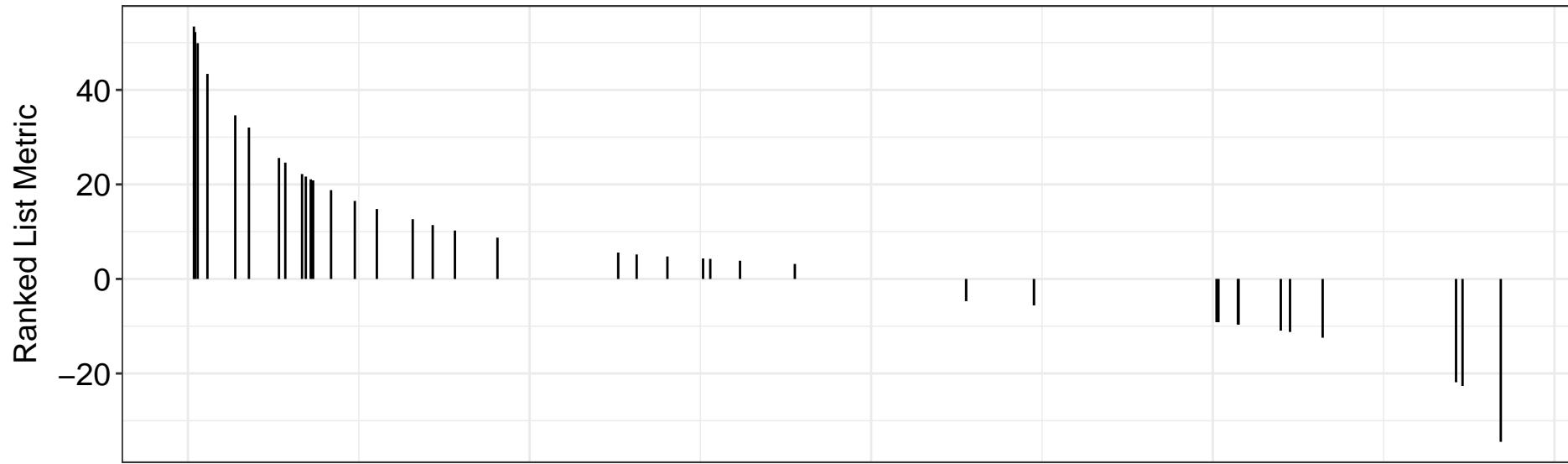
Position in the Ranked List of Genes



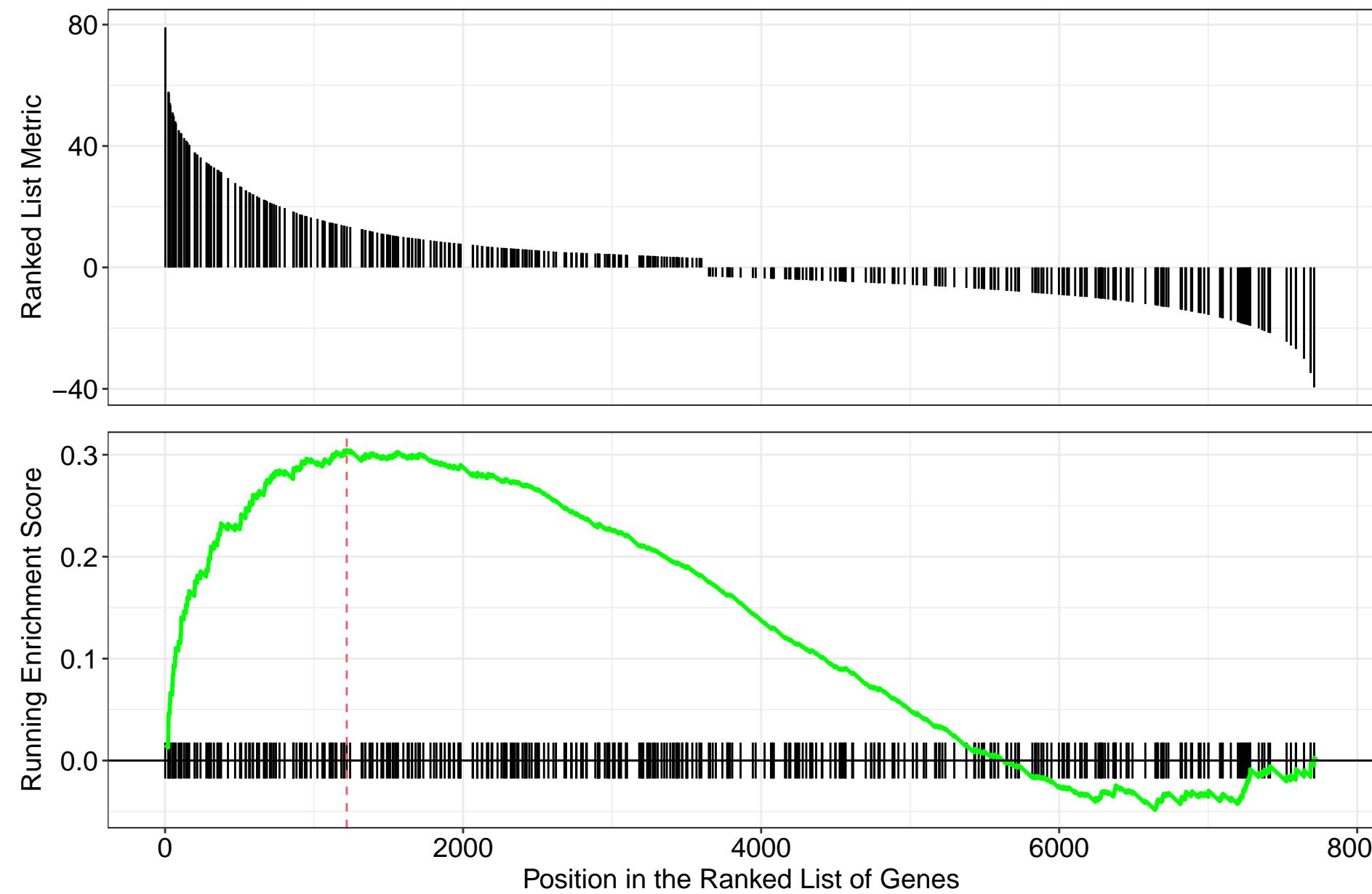
# negative regulation of lymphocyte apoptotic process



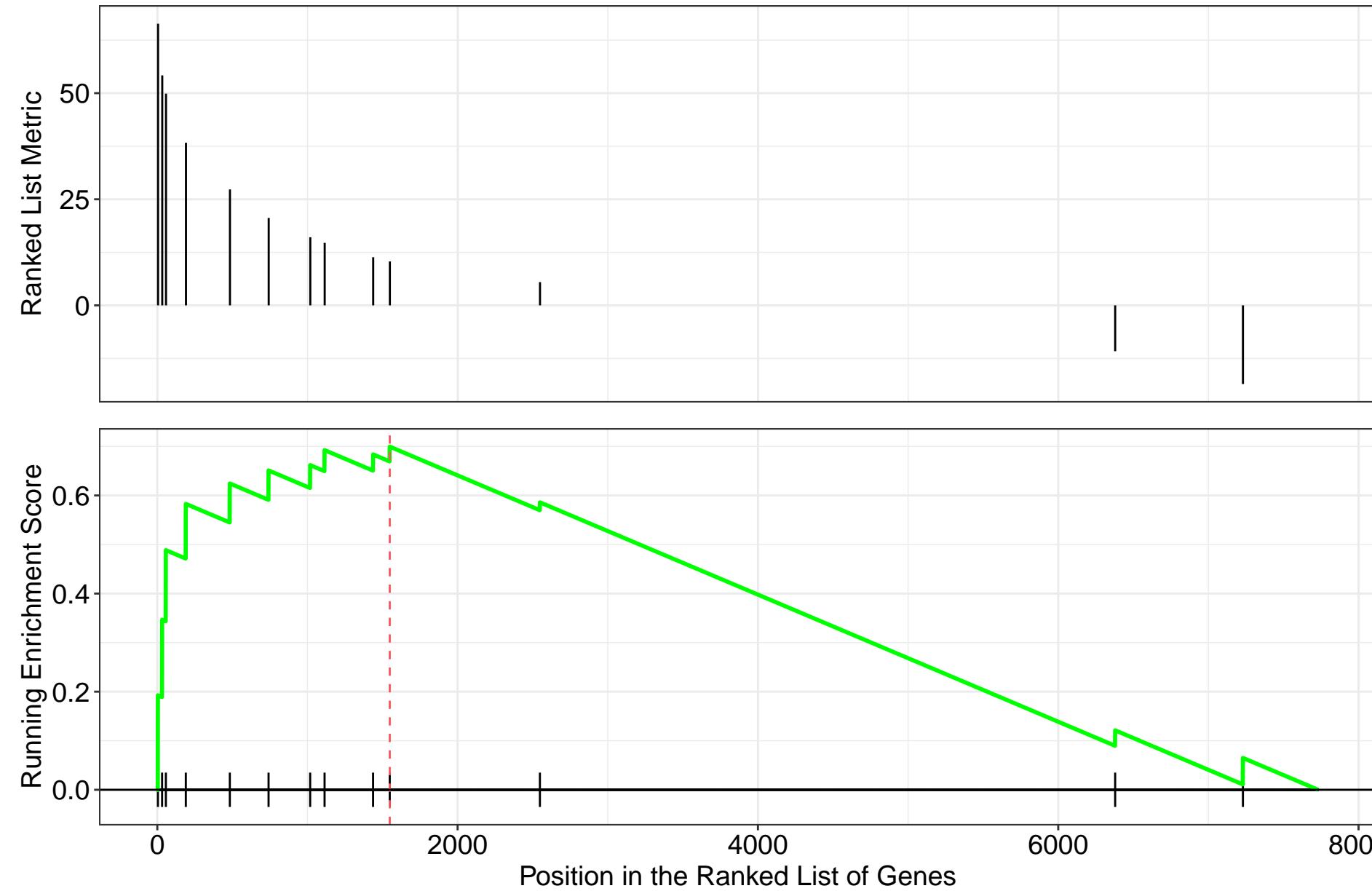
# inflammatory response to antigenic stimulus



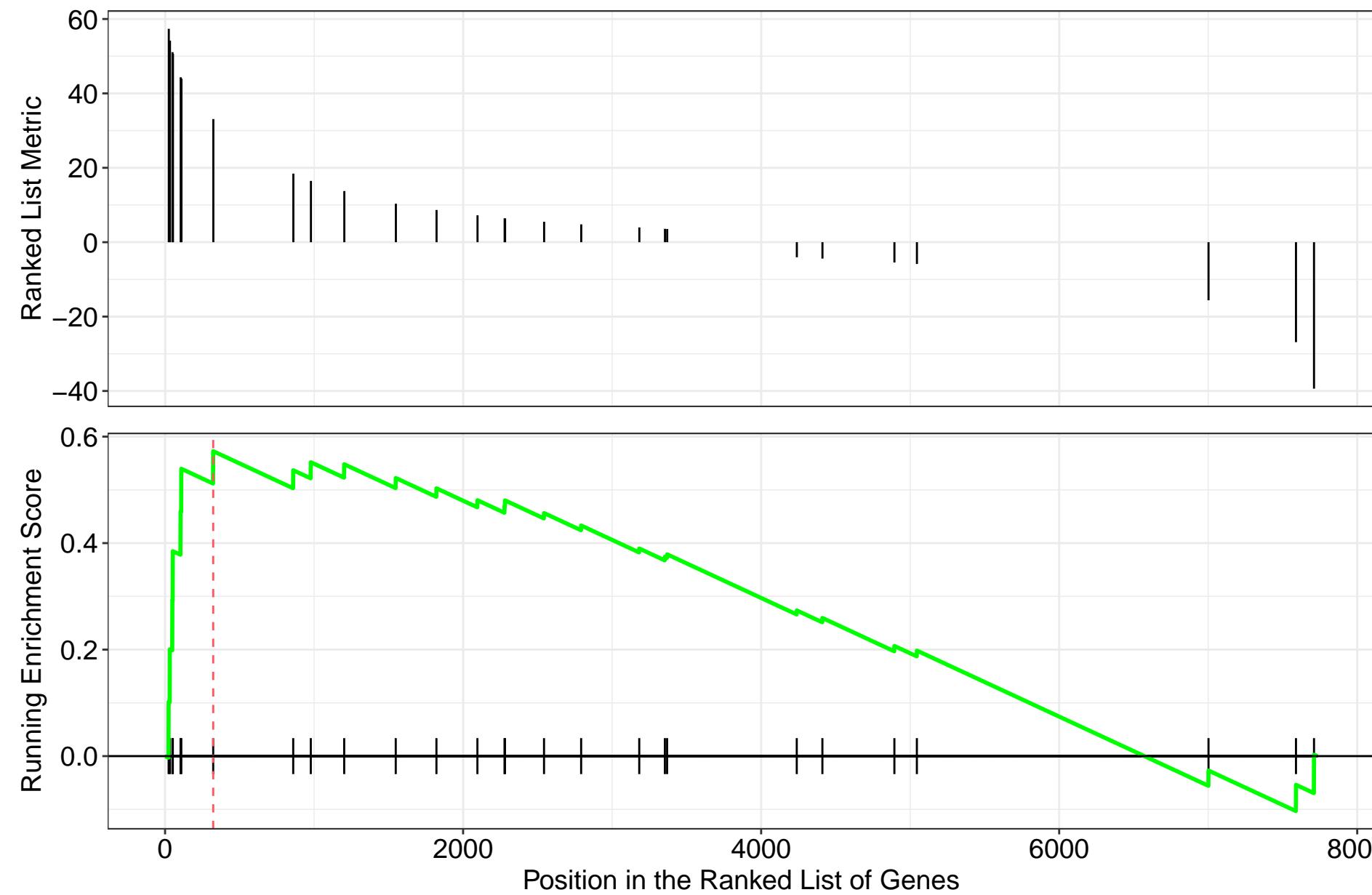
# secretion



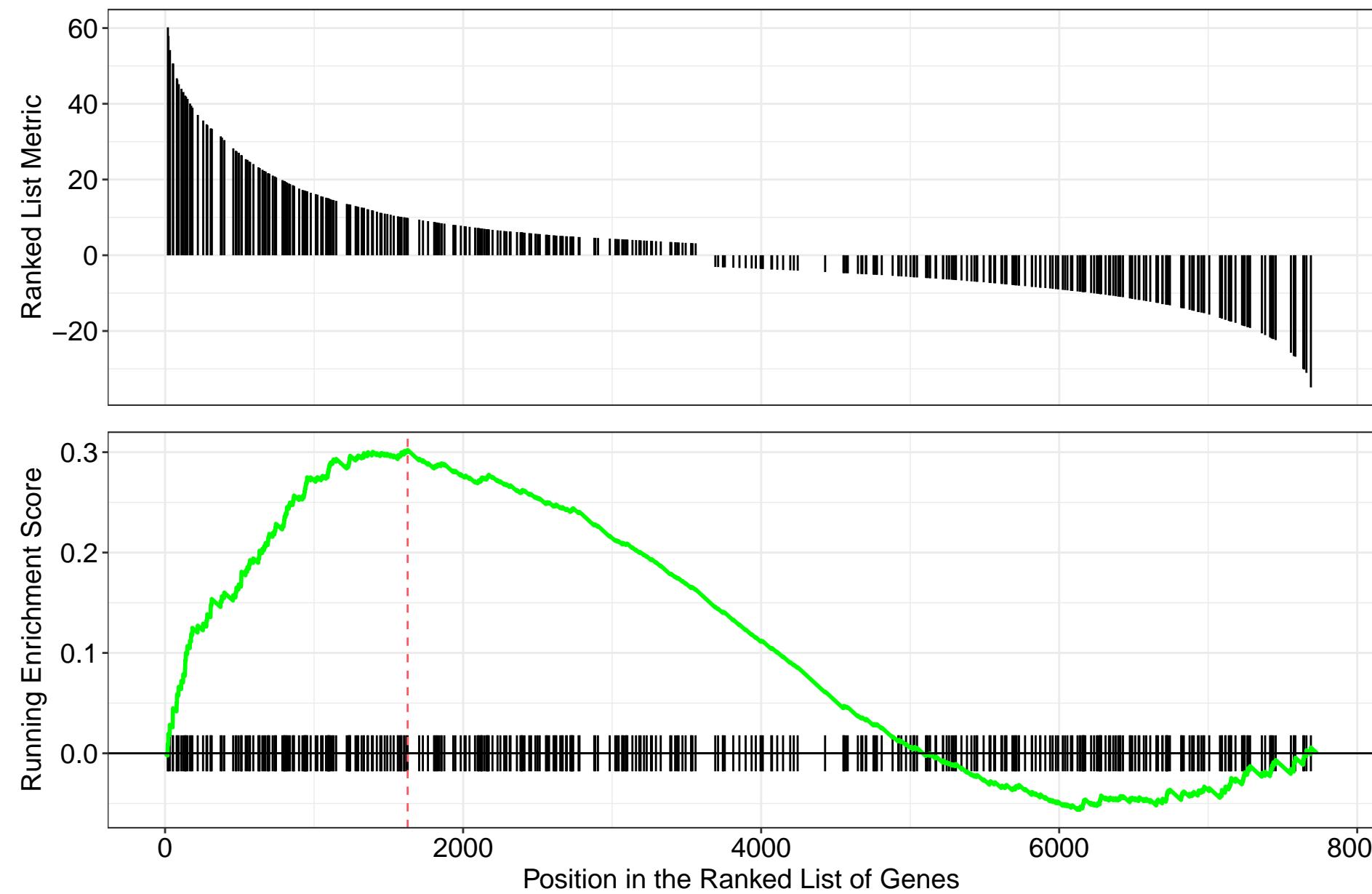
# positive regulation of T-helper 1 type immune response



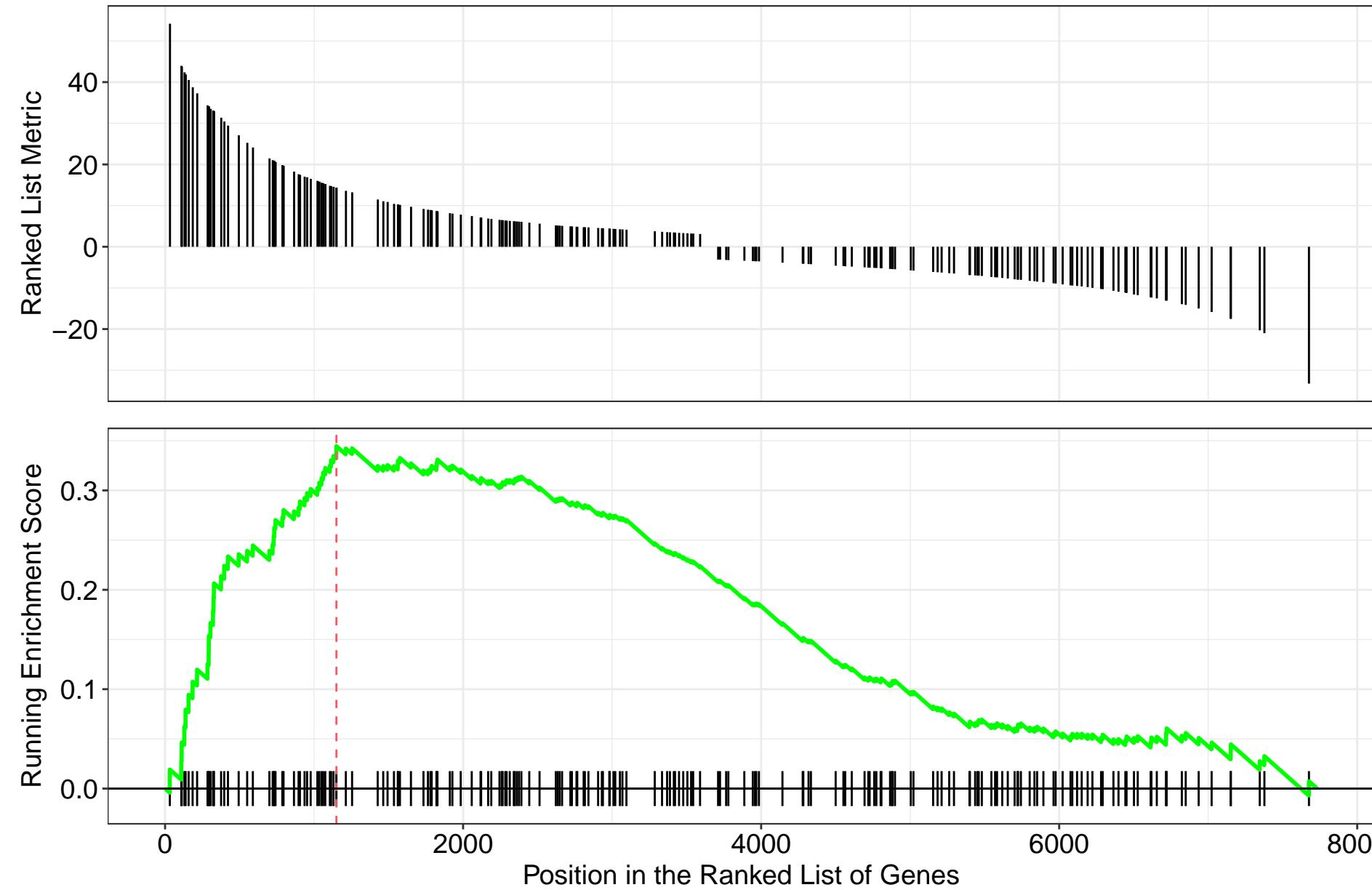
# icosanoid transport



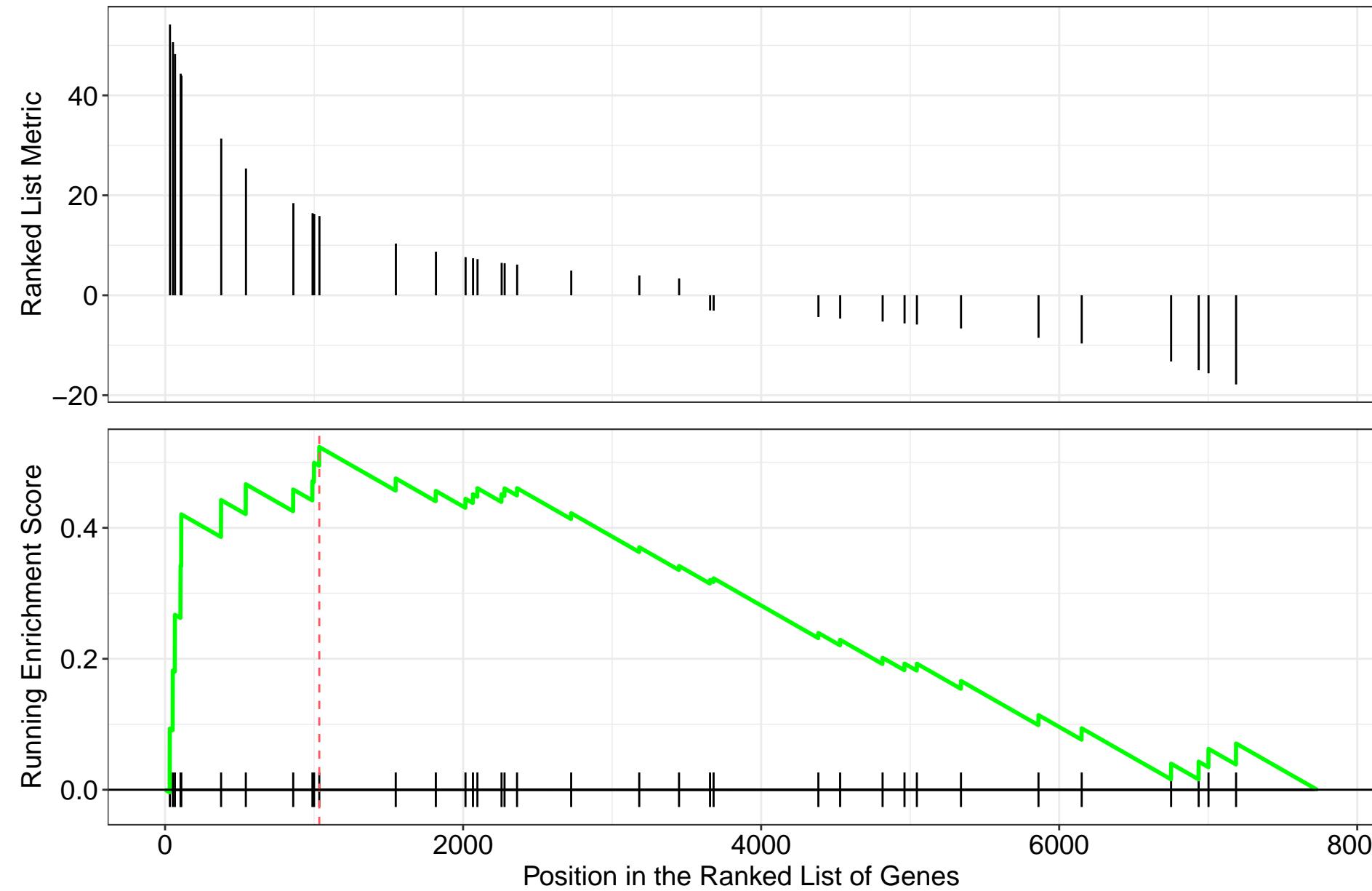
# regulation of anatomical structure morphogenesis



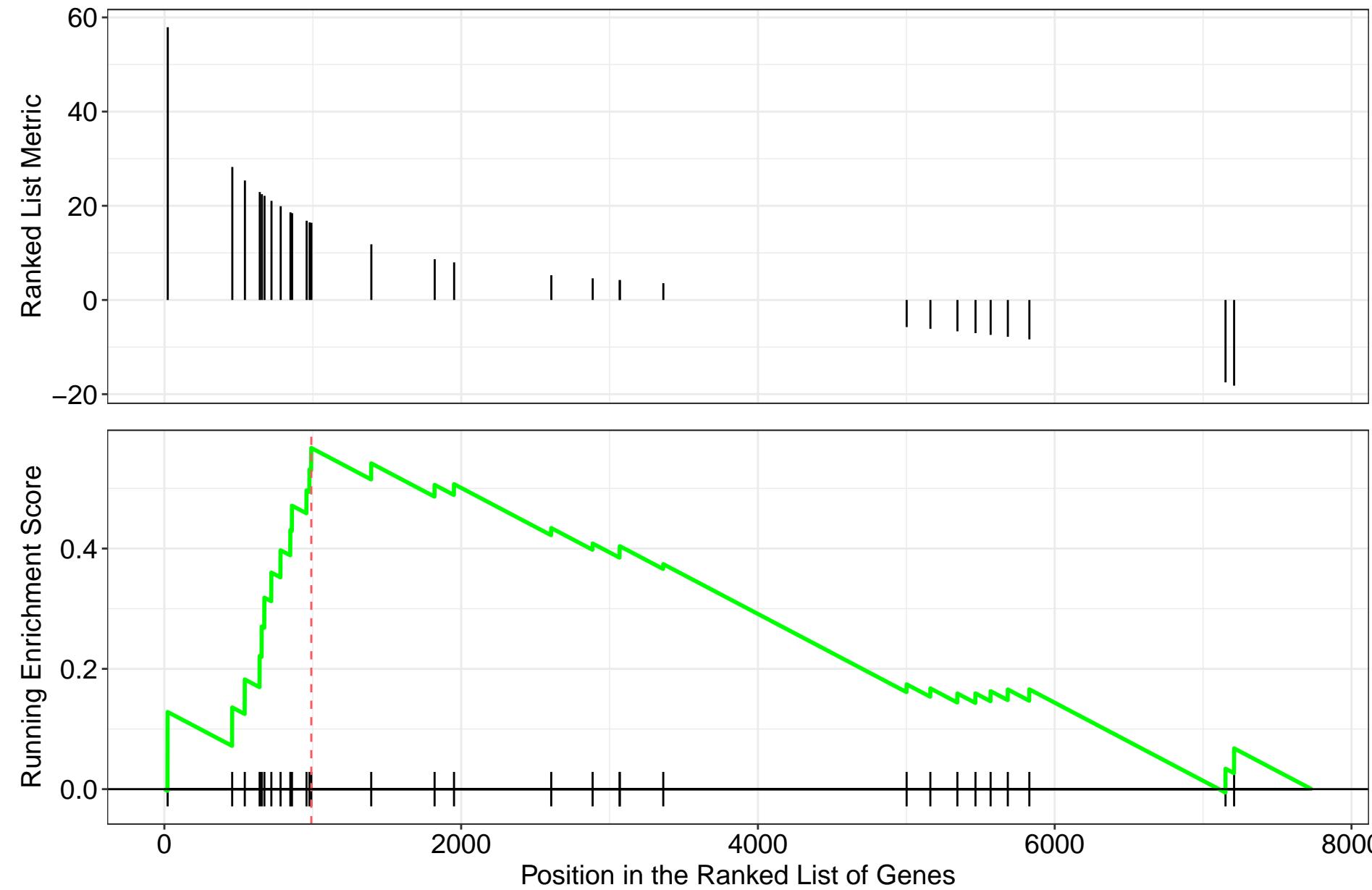
# response to peptide



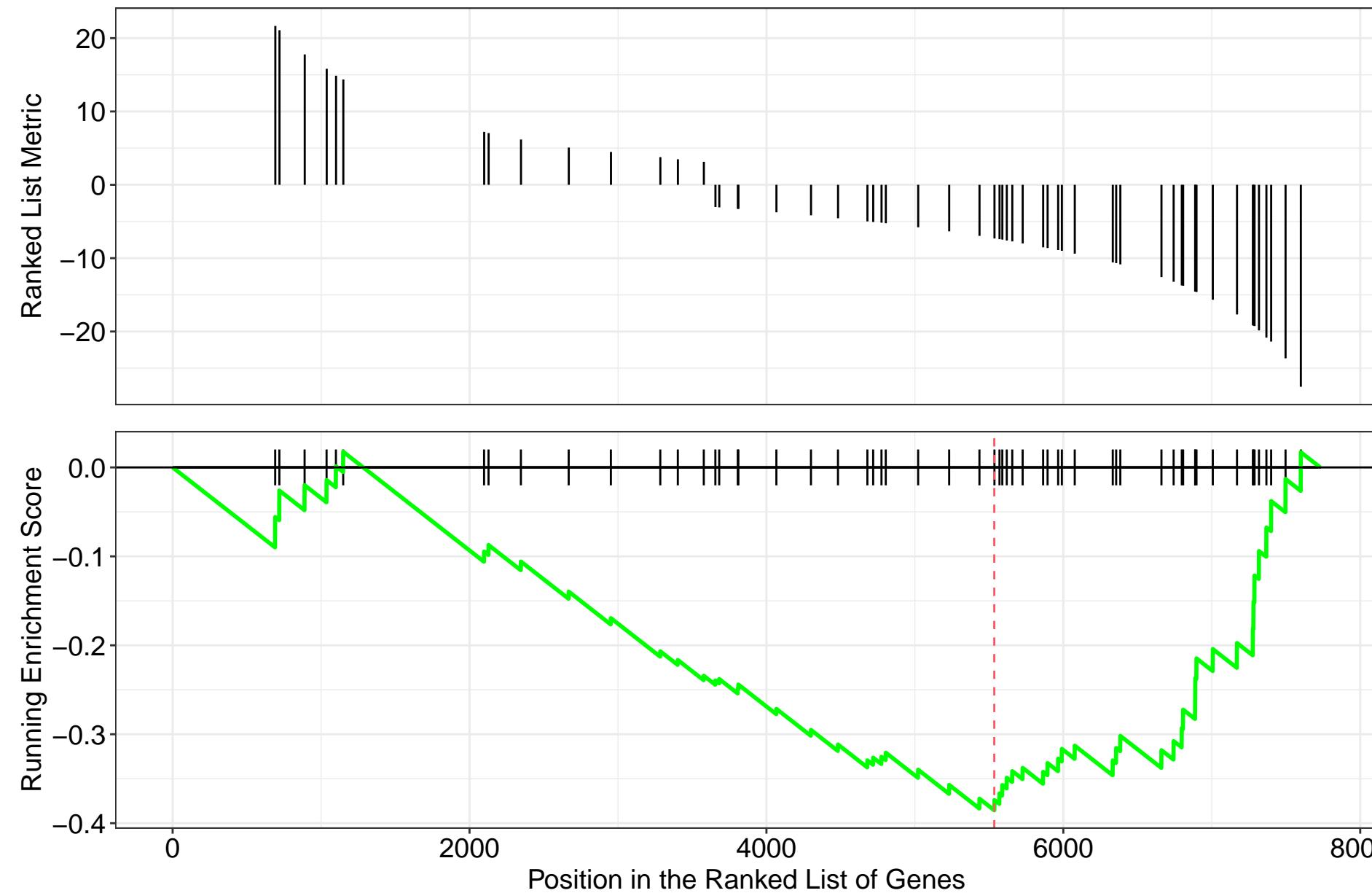
# positive regulation of lipid transport



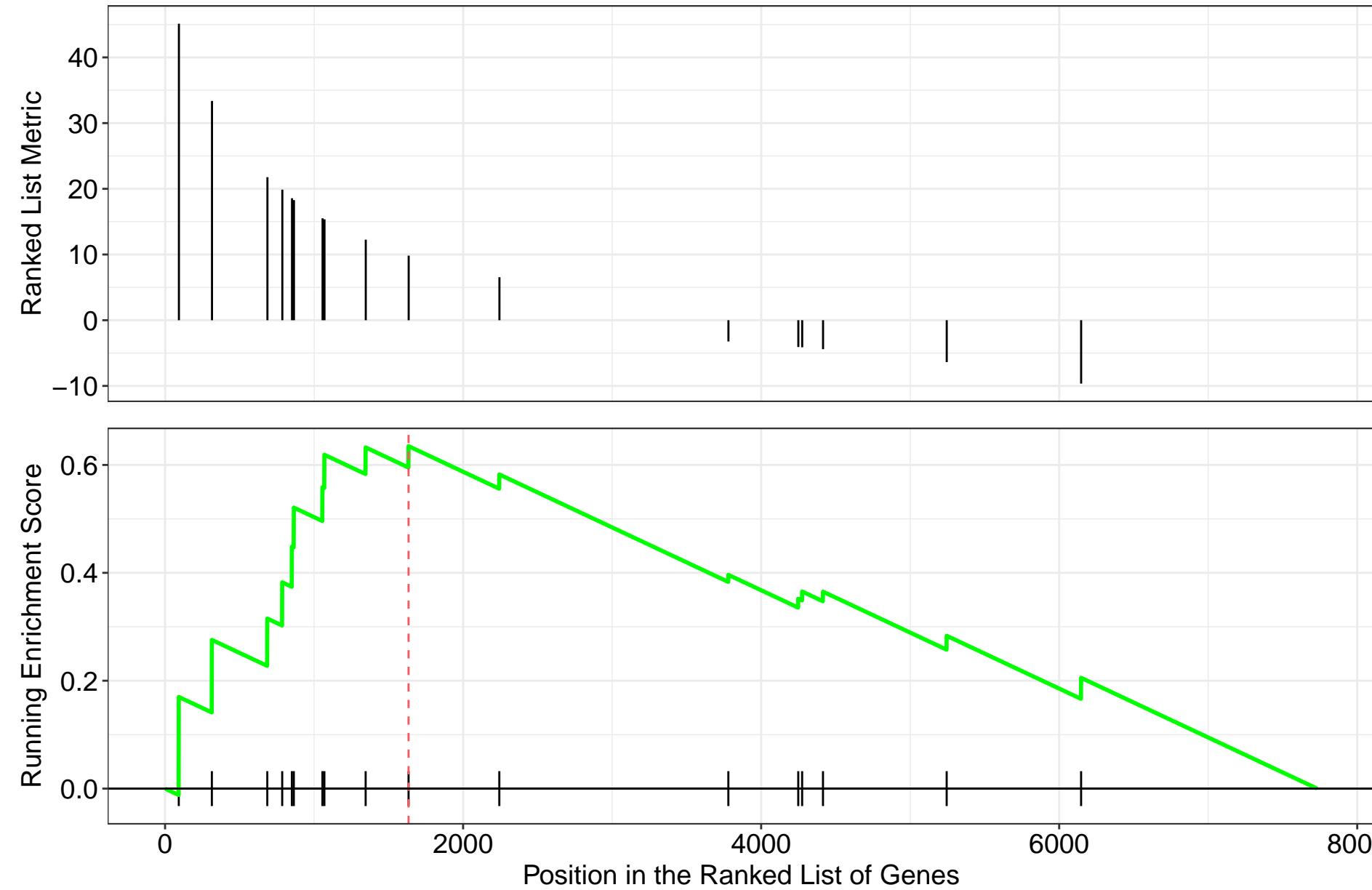
# regulation of lipase activity



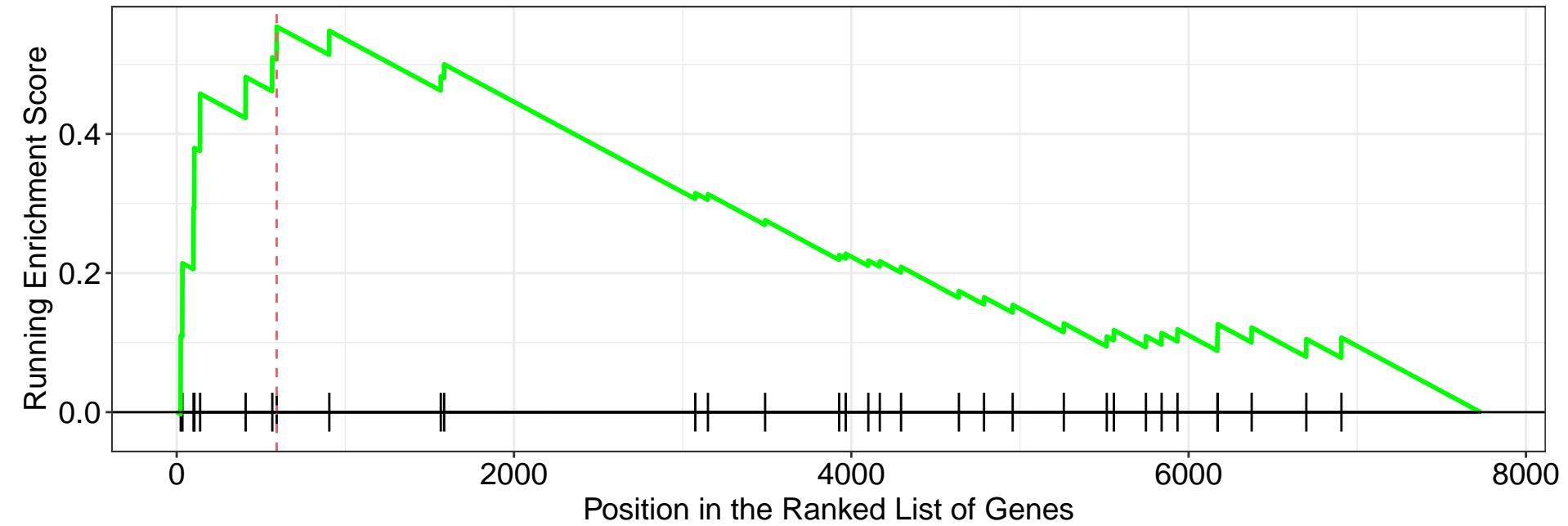
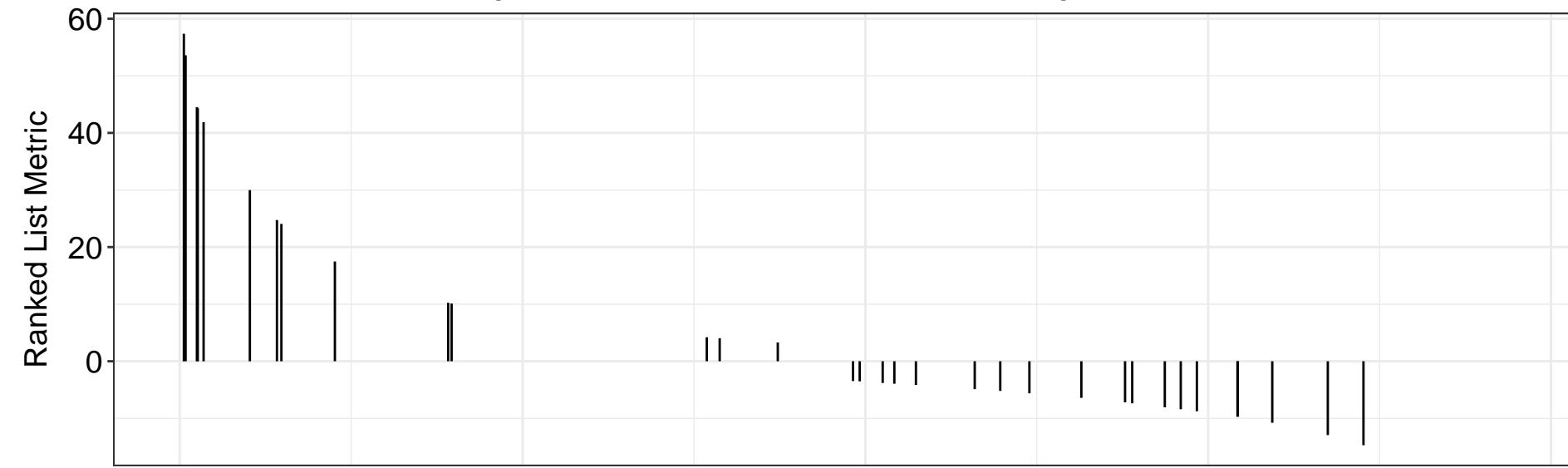
# DNA damage checkpoint signaling



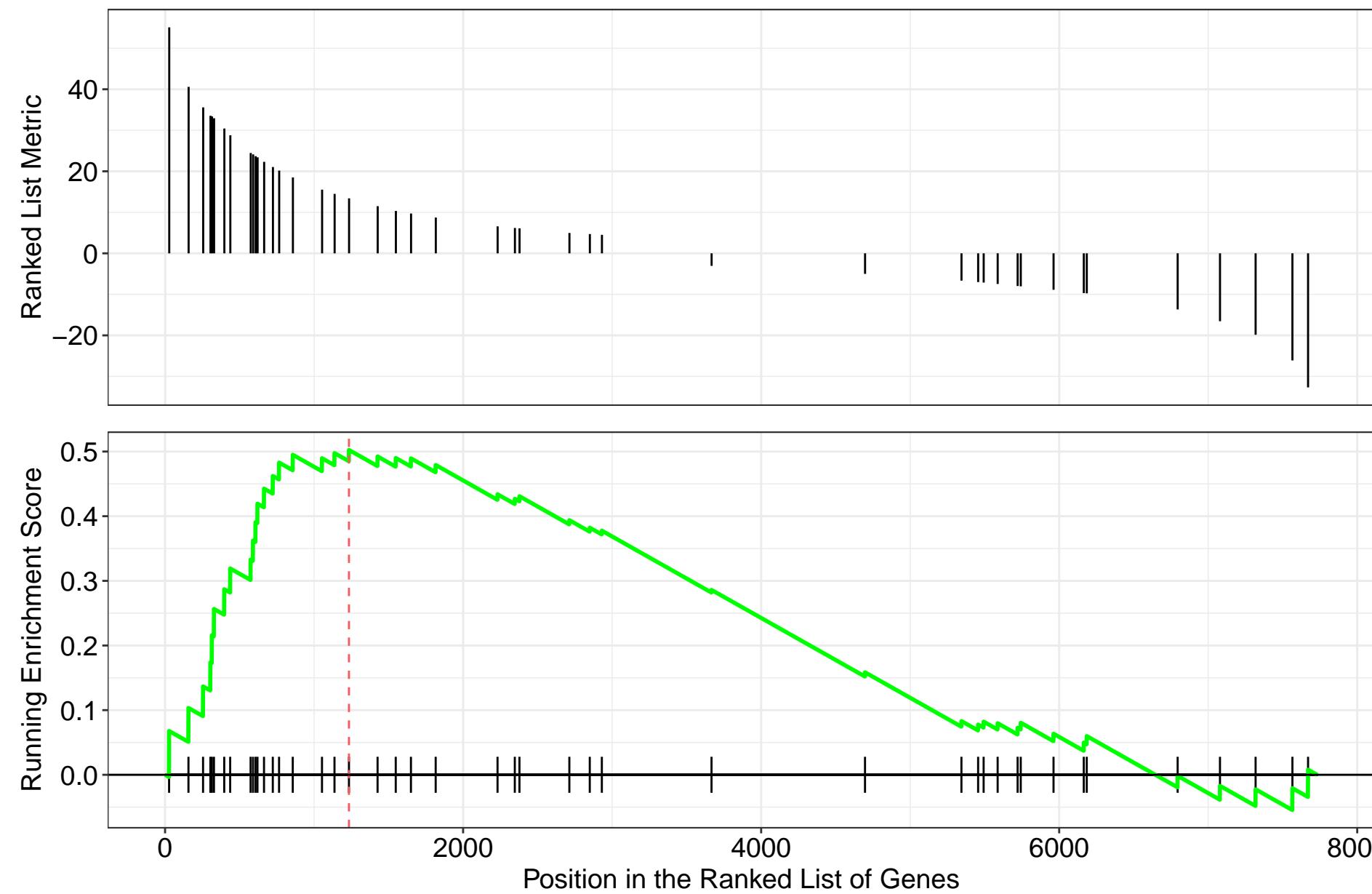
# regulation of nuclease activity



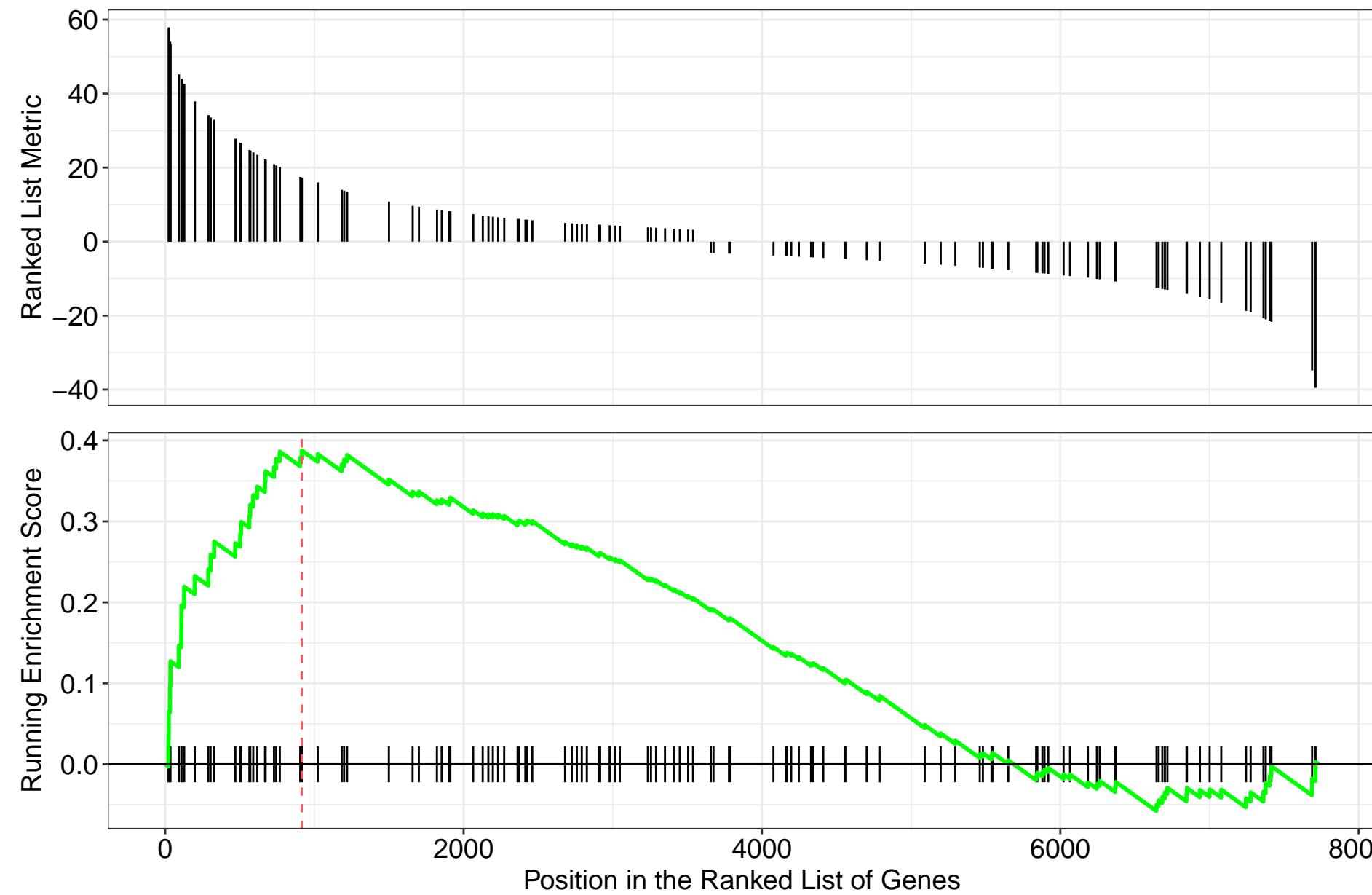
# alpha–amino acid catabolic process



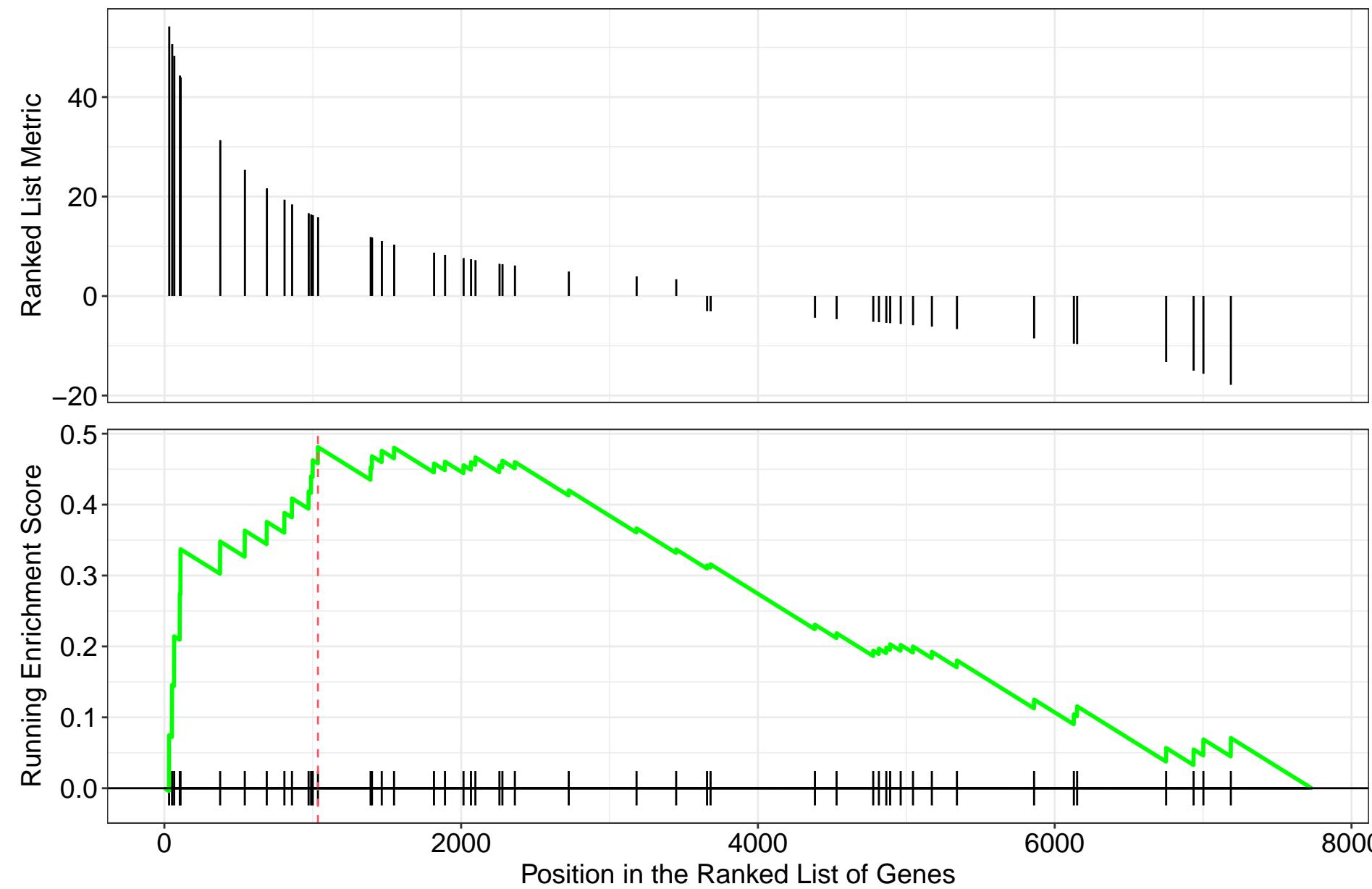
# female gonad development



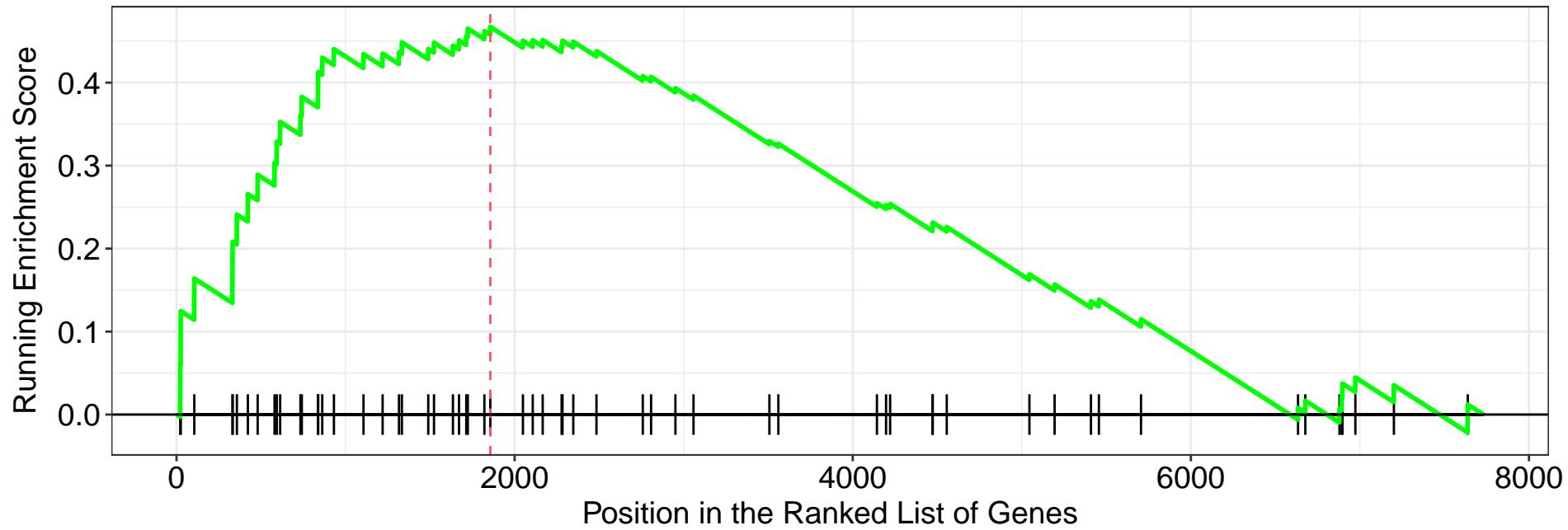
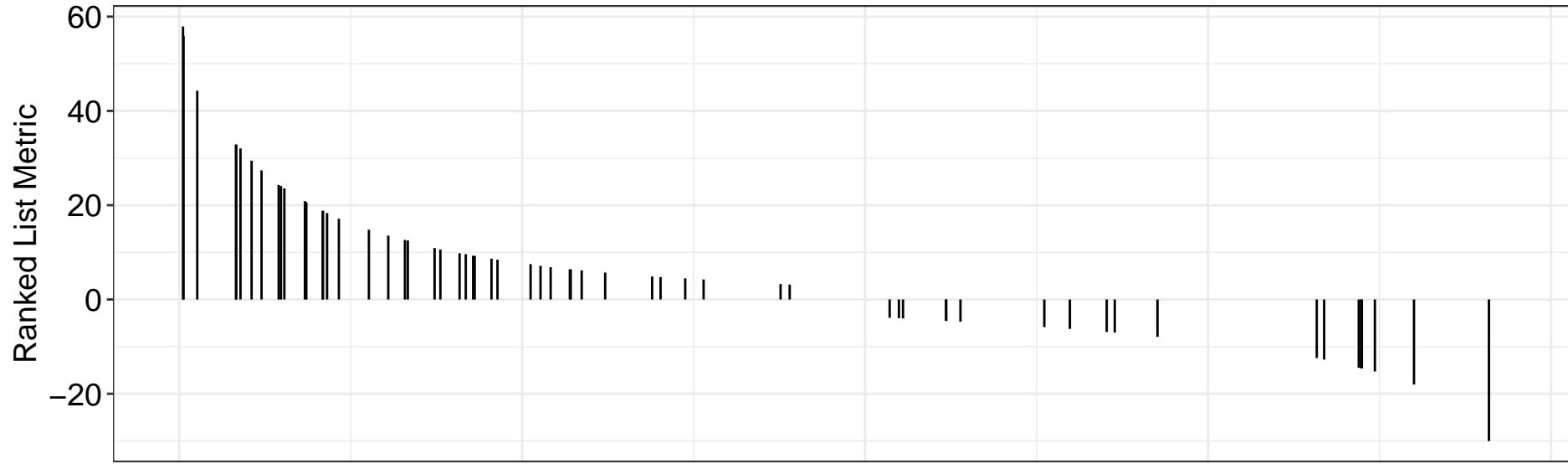
# hormone secretion



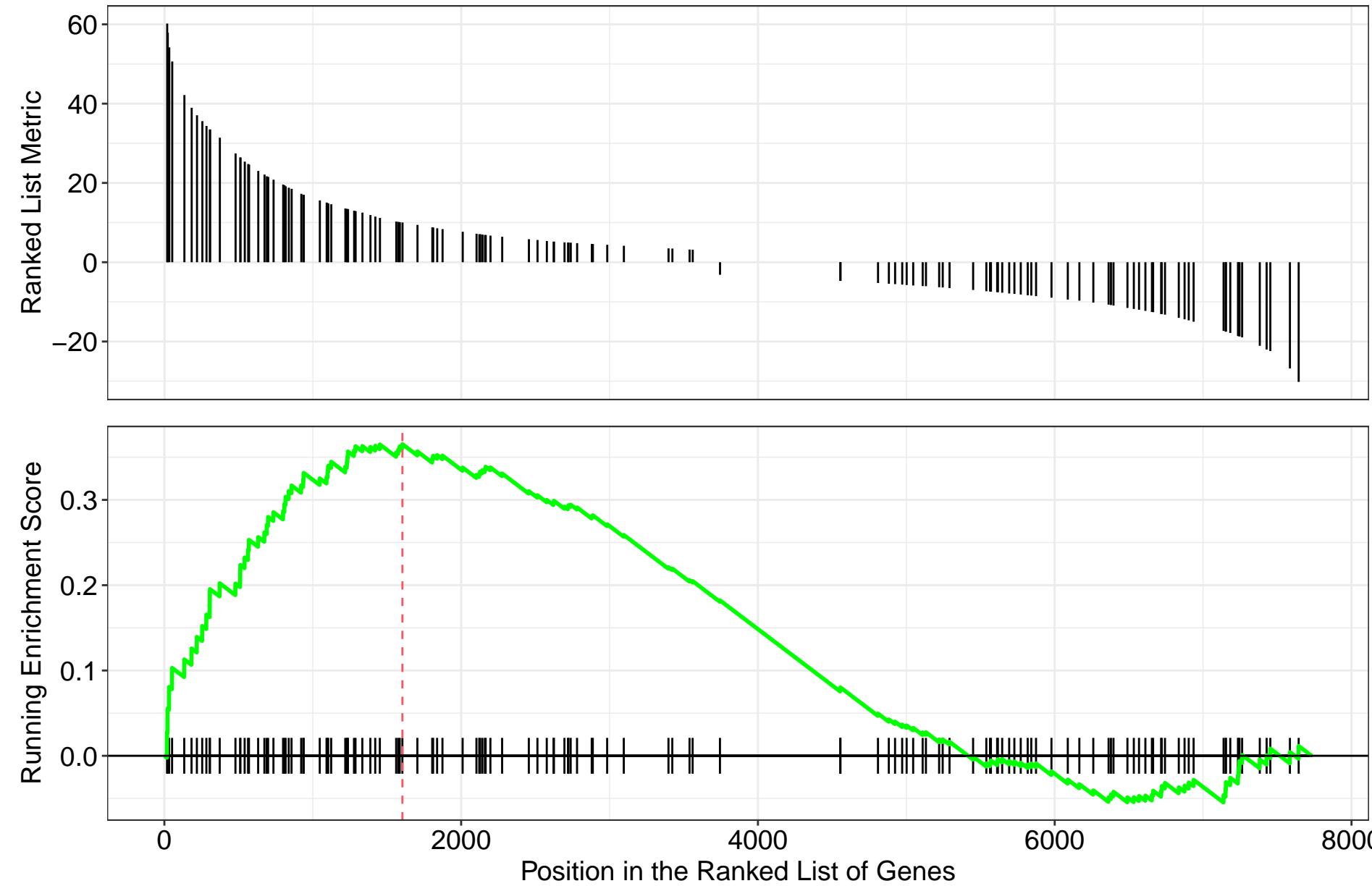
# positive regulation of lipid localization



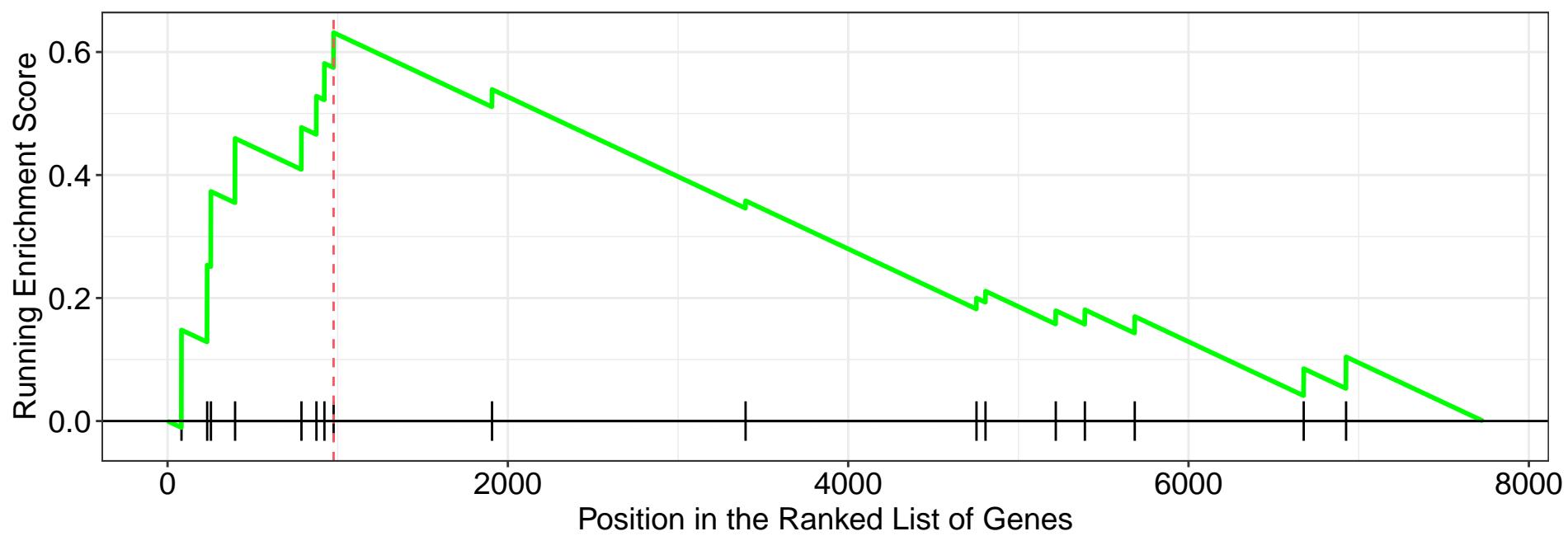
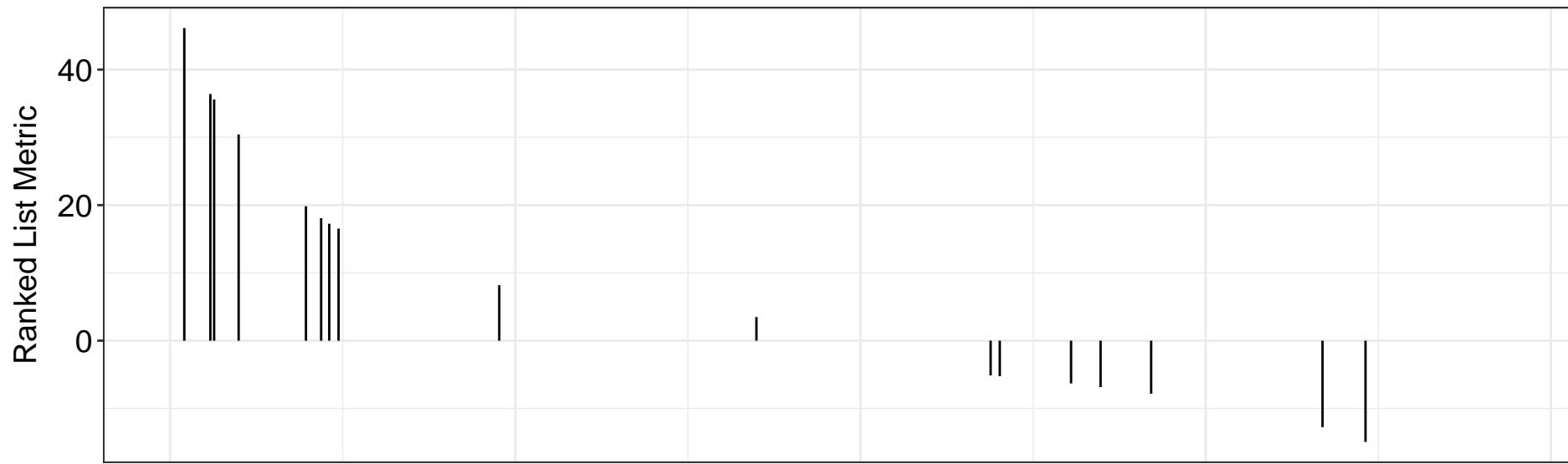
# regulation of leukocyte apoptotic process



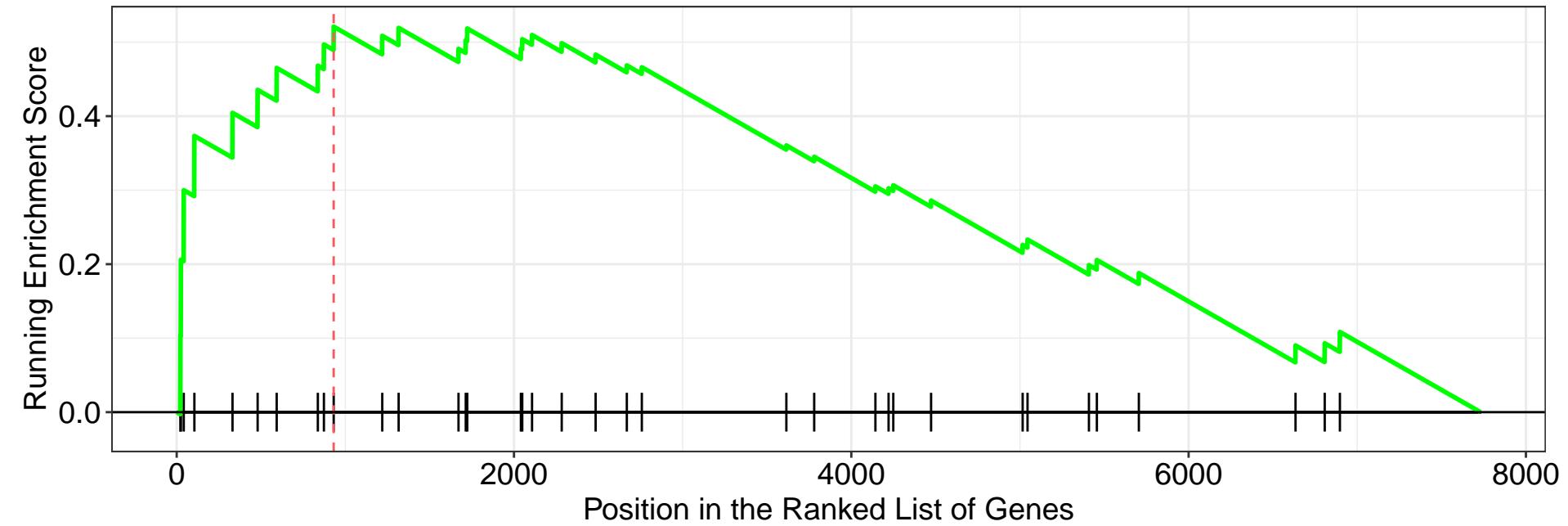
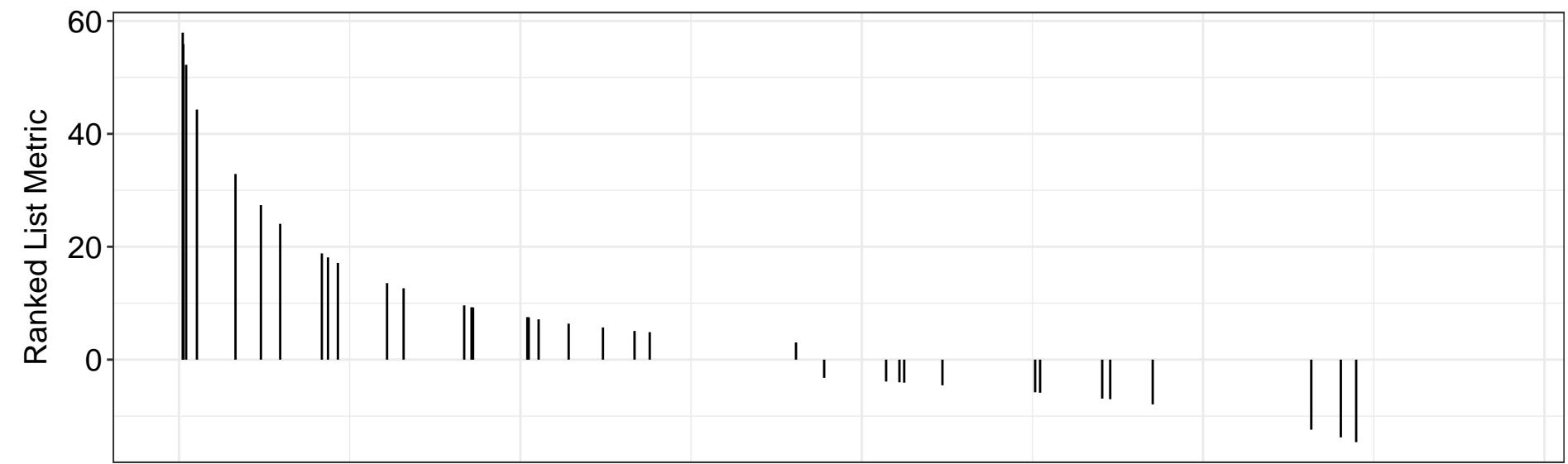
# regulation of angiogenesis



# negative regulation of cell–matrix adhesion

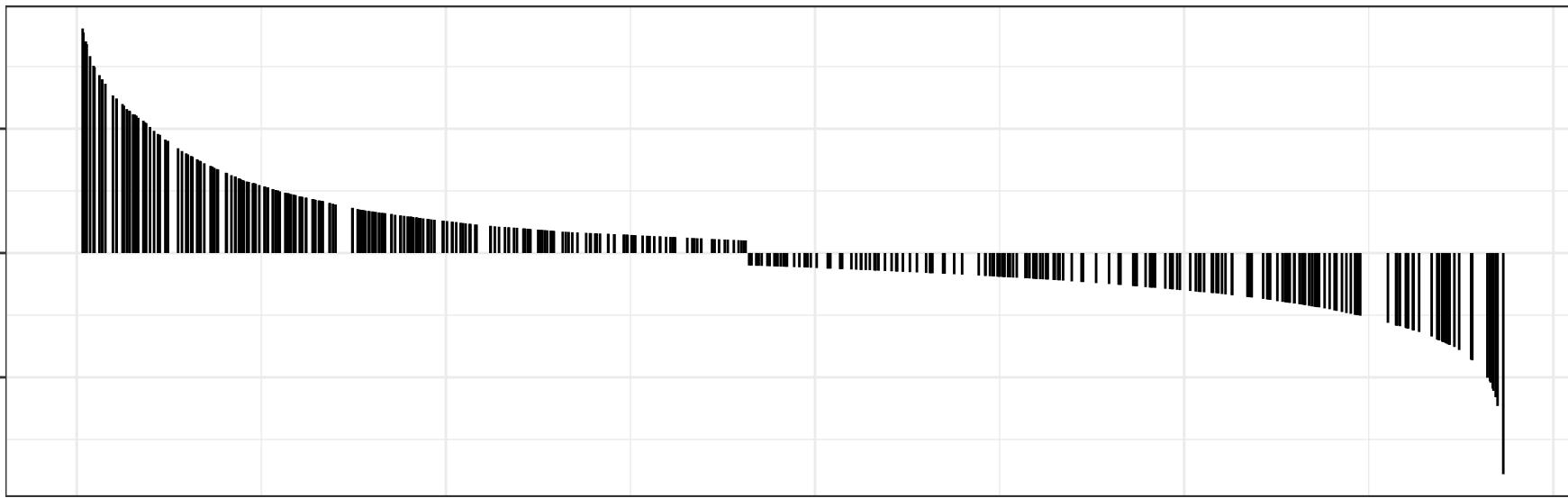


# T cell apoptotic process



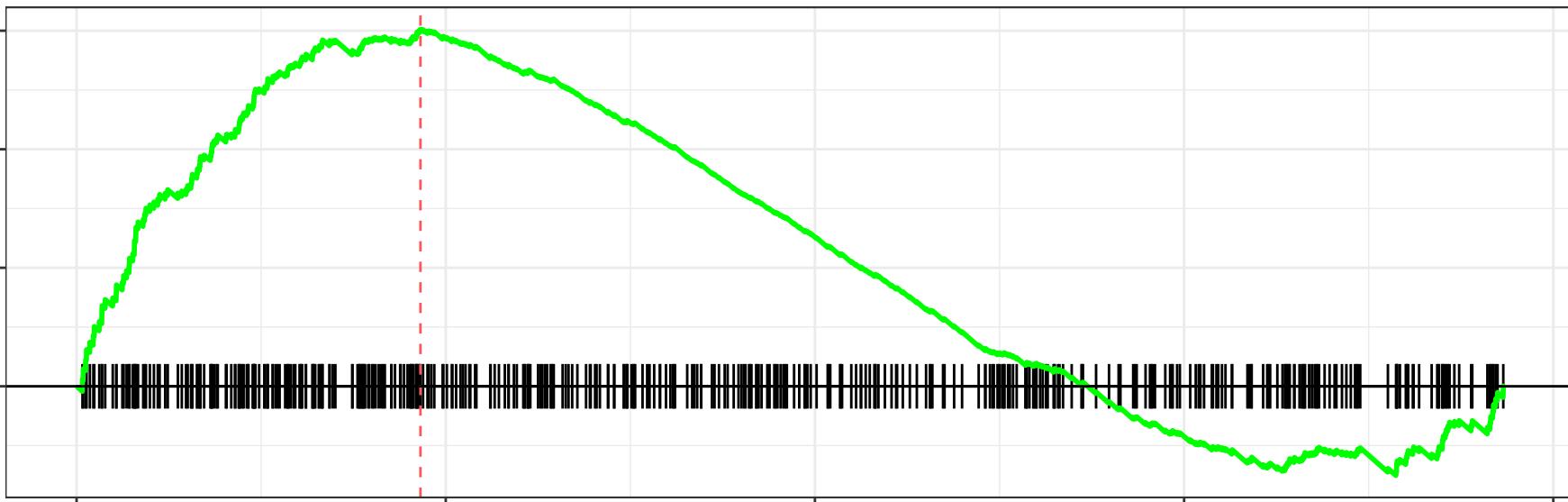
# negative regulation of molecular function

Ranked List Metric

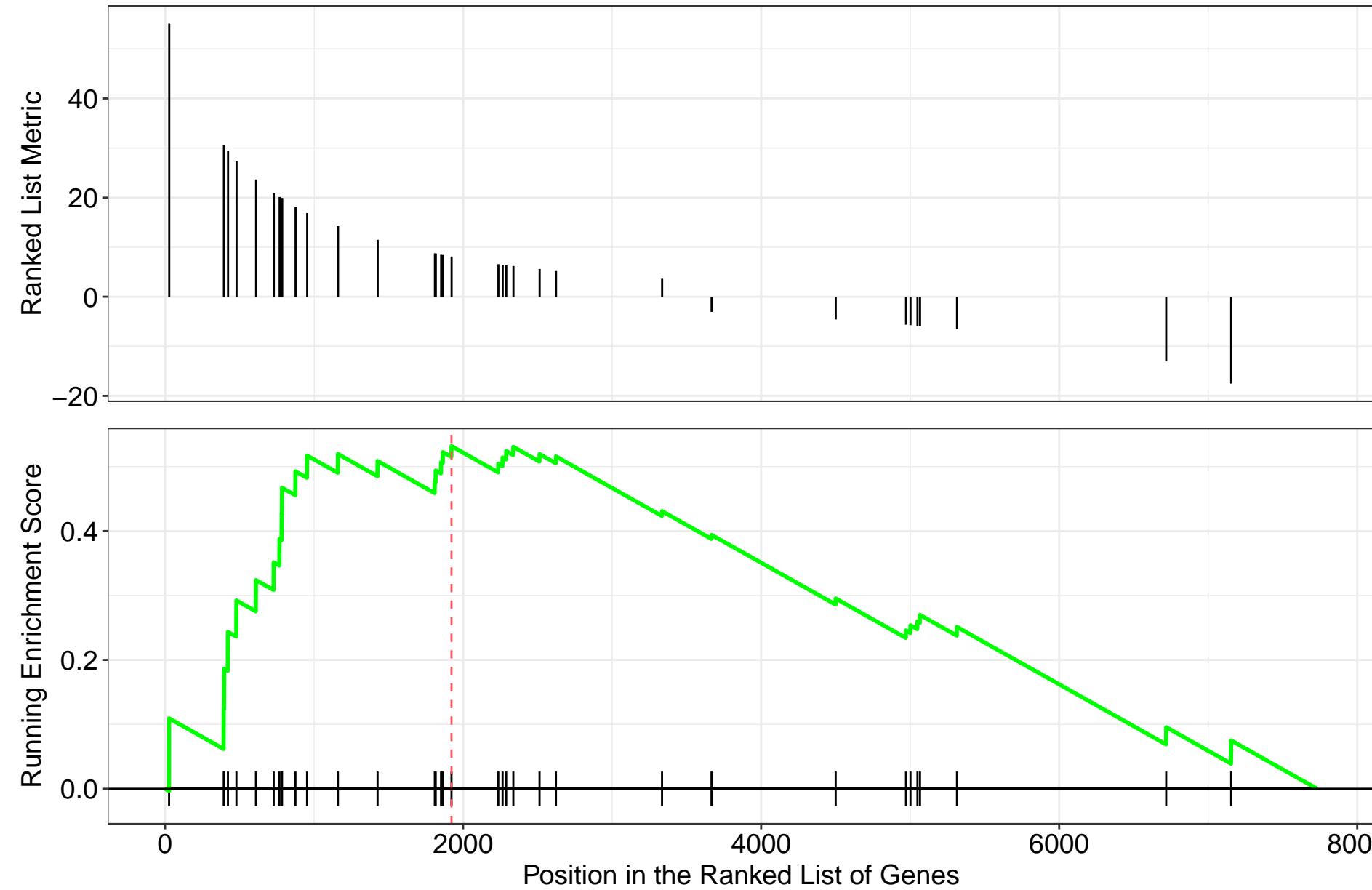


Running Enrichment Score

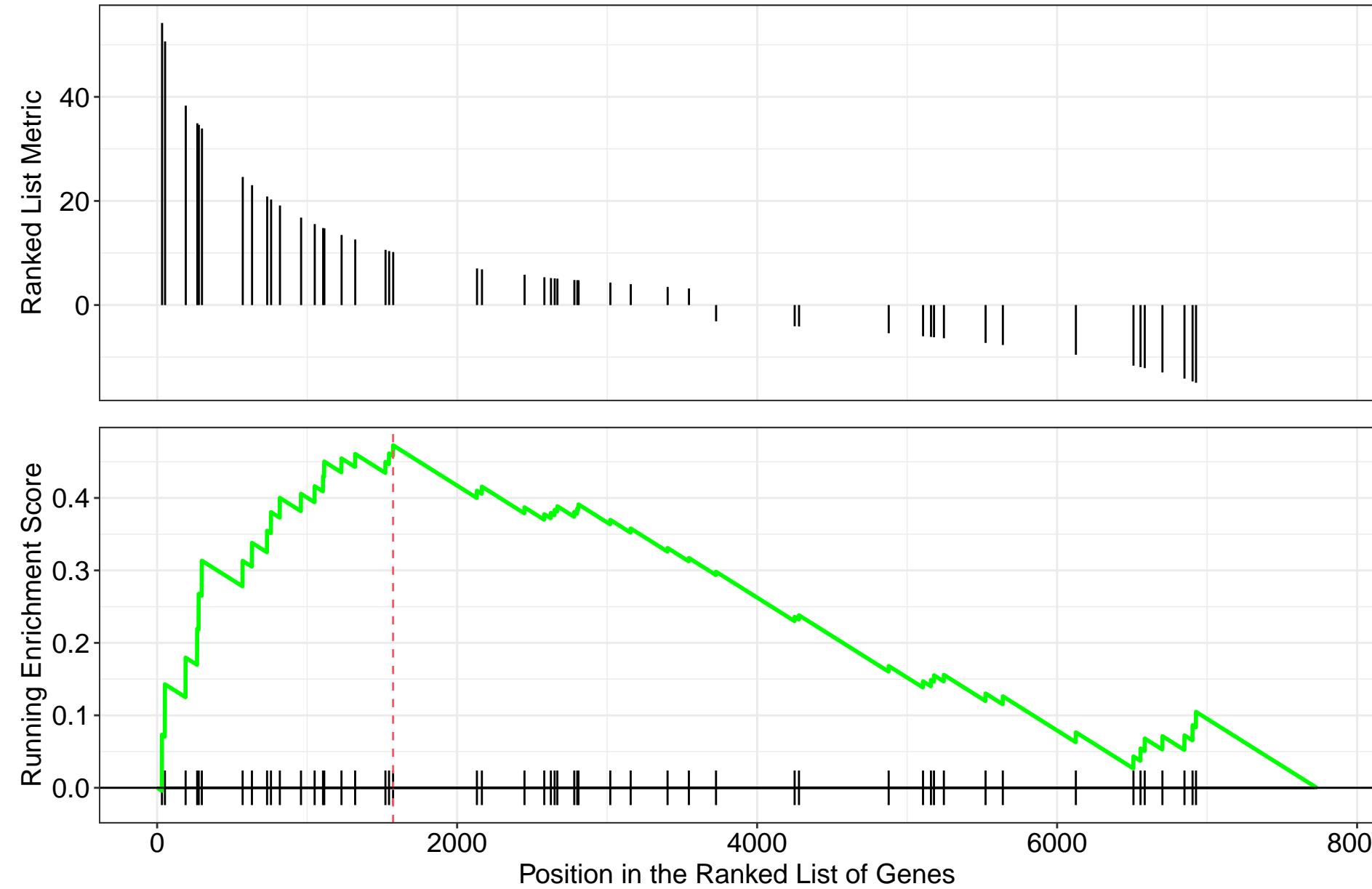
Position in the Ranked List of Genes



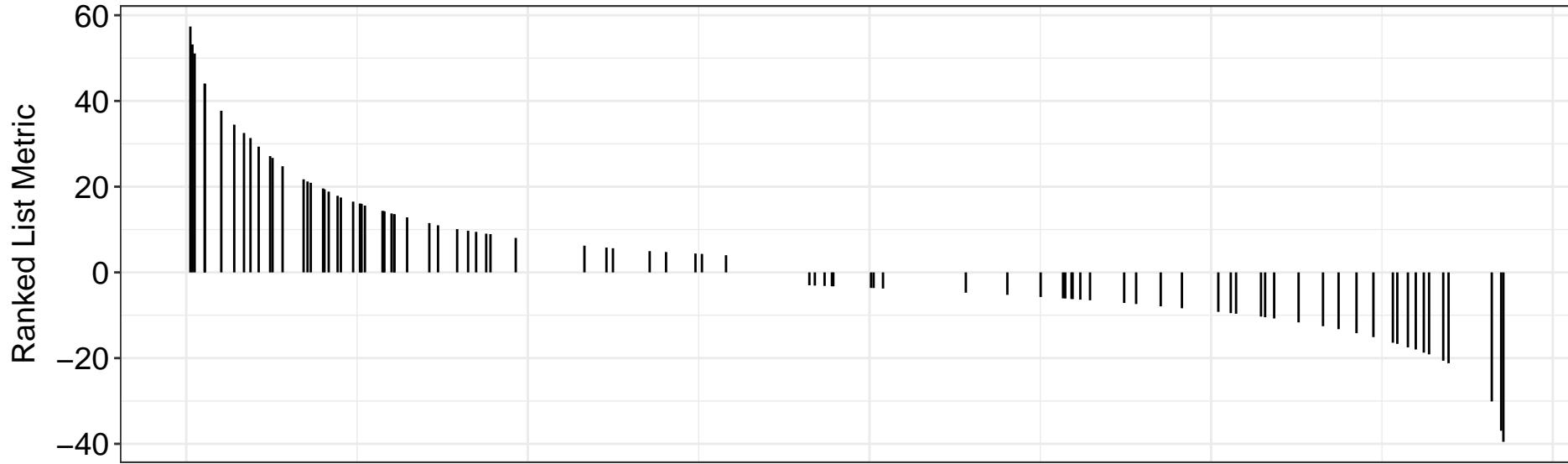
# platelet-derived growth factor receptor signaling pathway



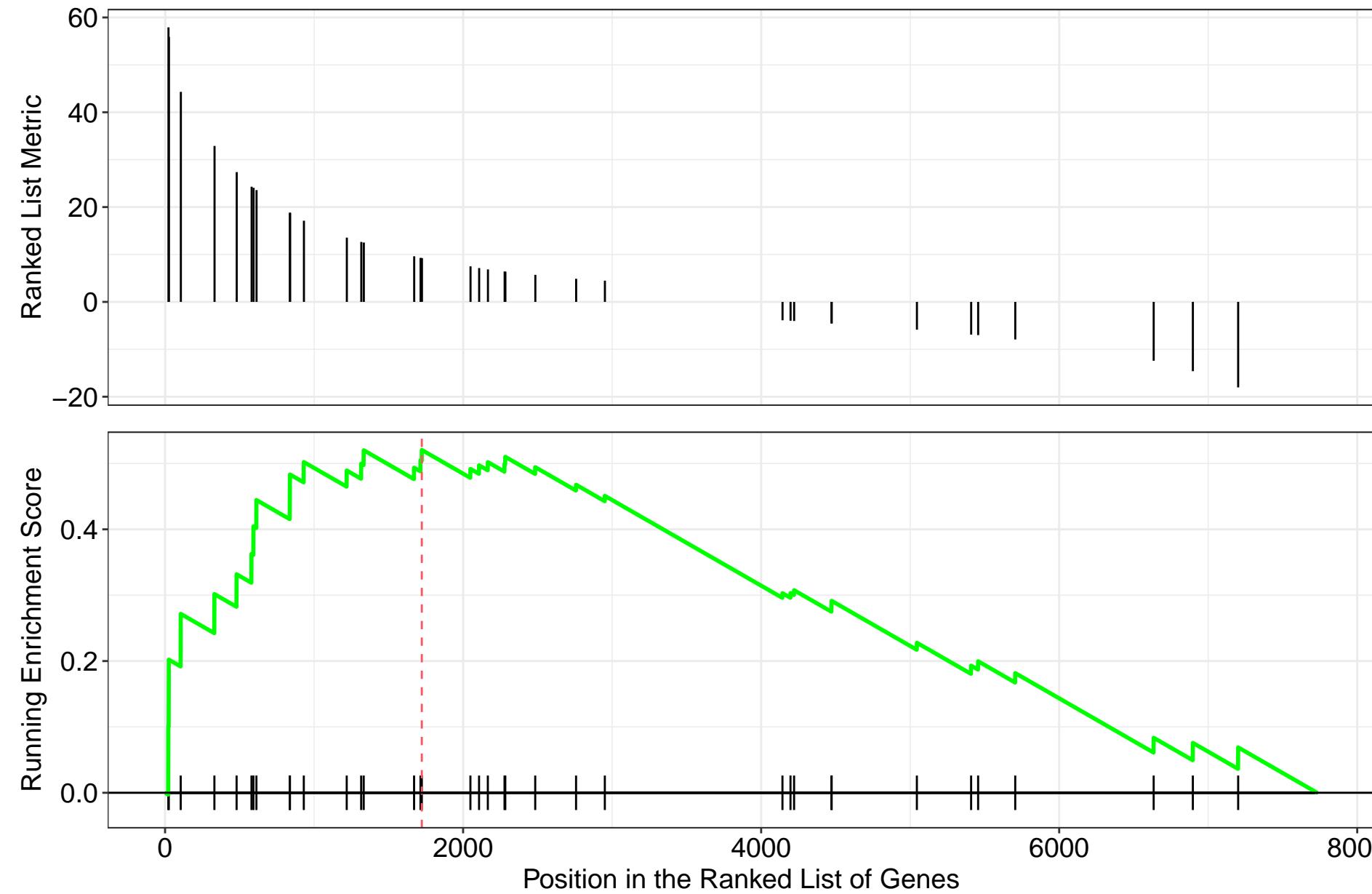
# positive regulation of JNK cascade



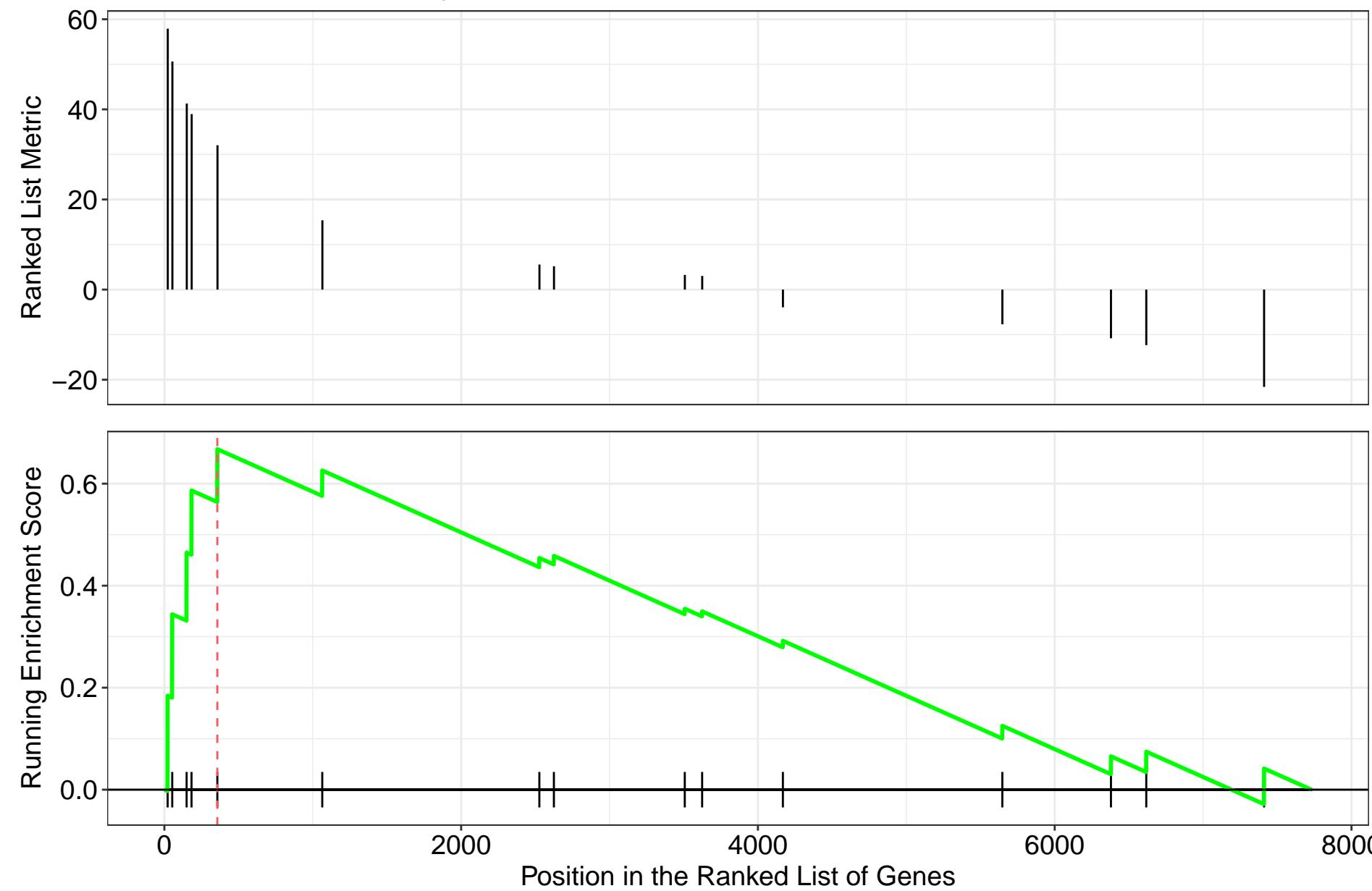
# regulation of blood circulation



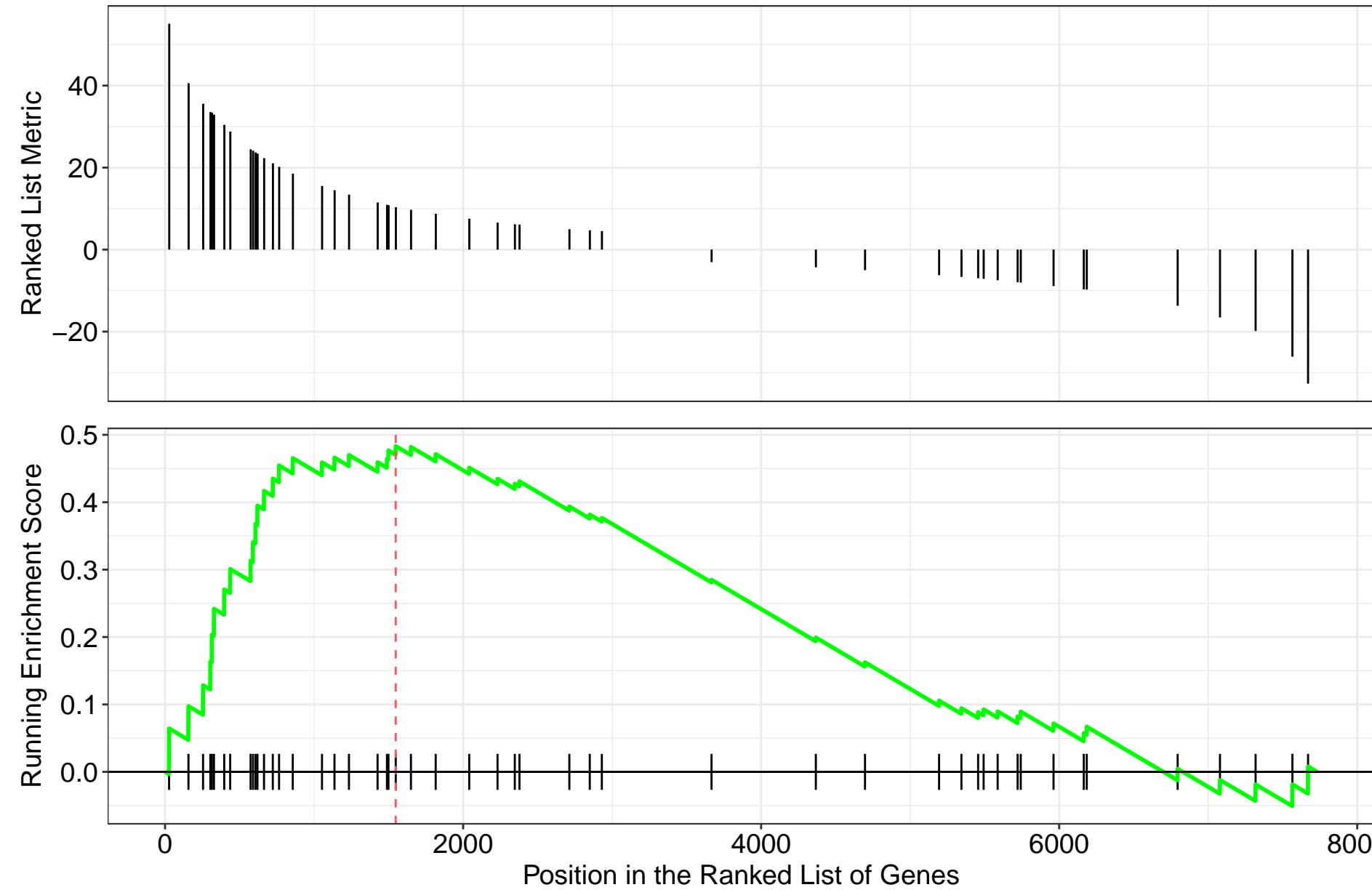
# regulation of lymphocyte apoptotic process



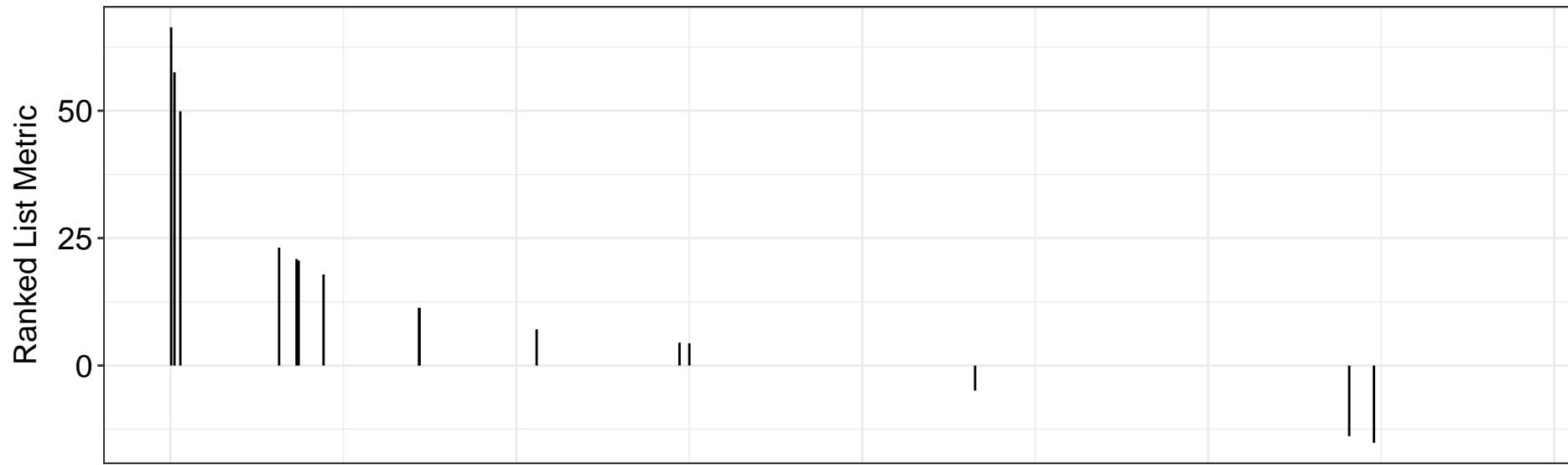
# regulation of lymphocyte chemotaxis



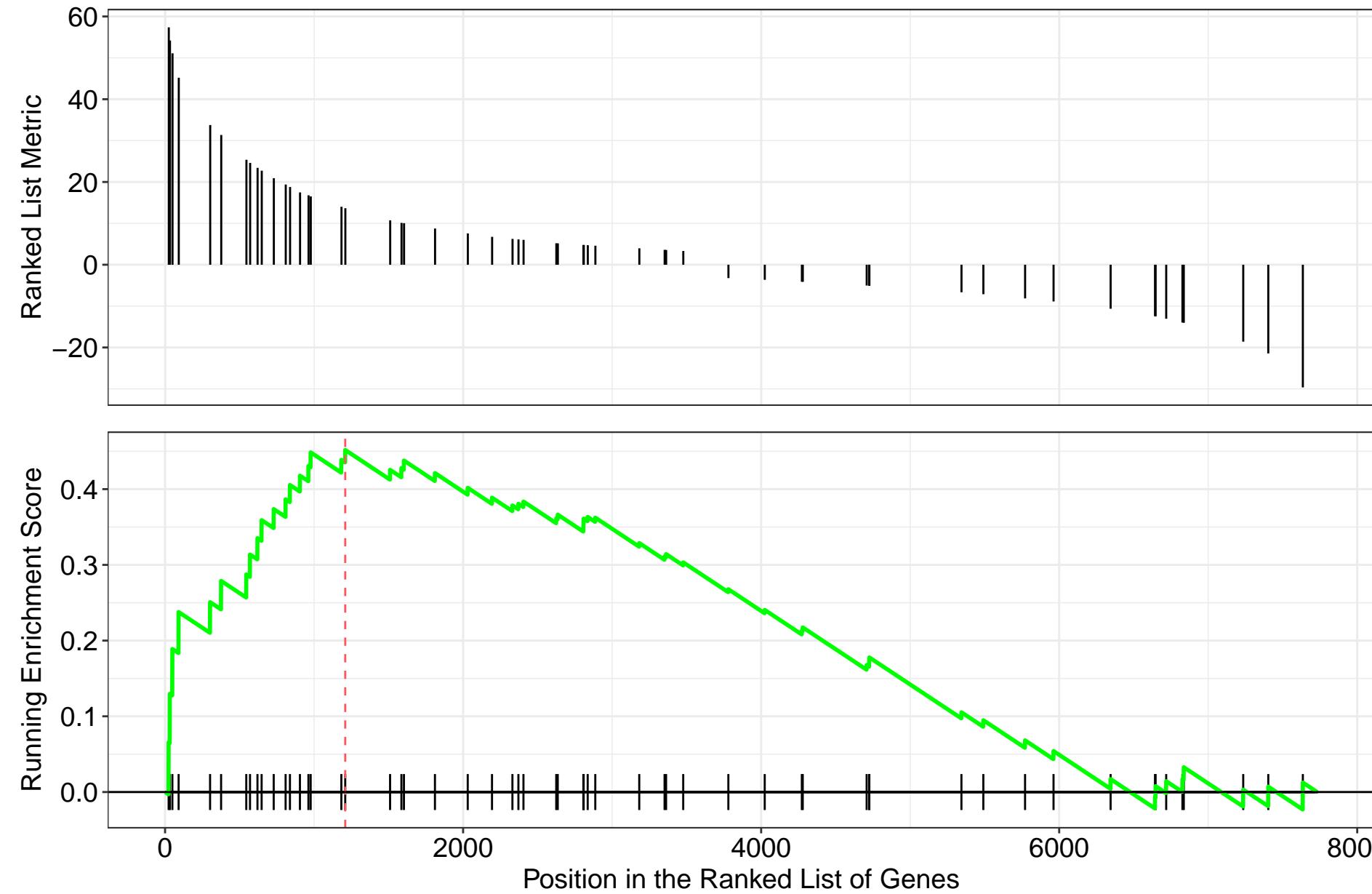
# female sex differentiation



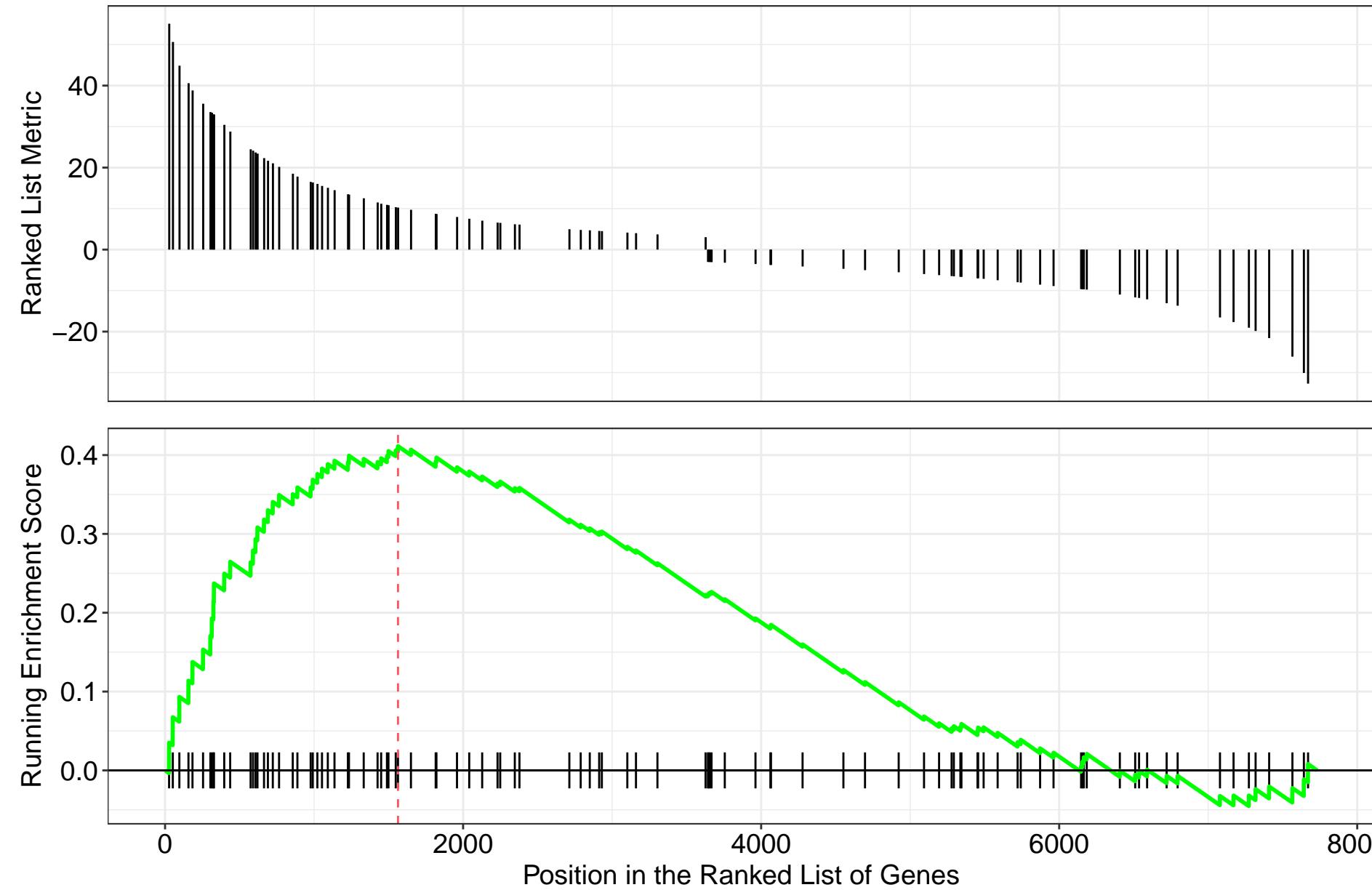
# NK T cell activation



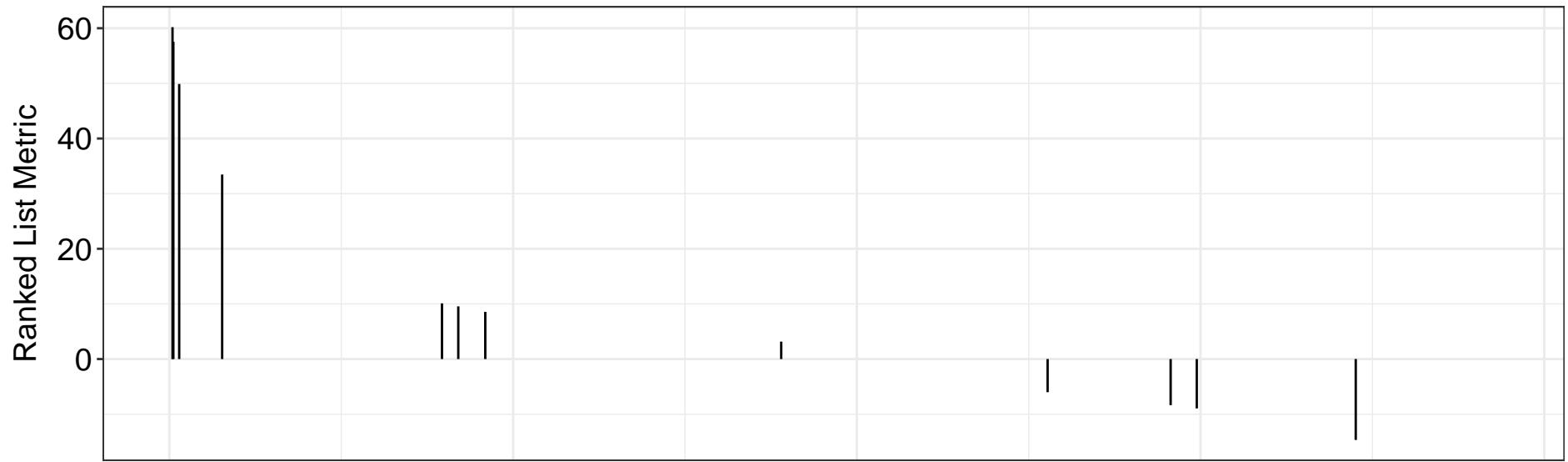
# reactive nitrogen species metabolic process



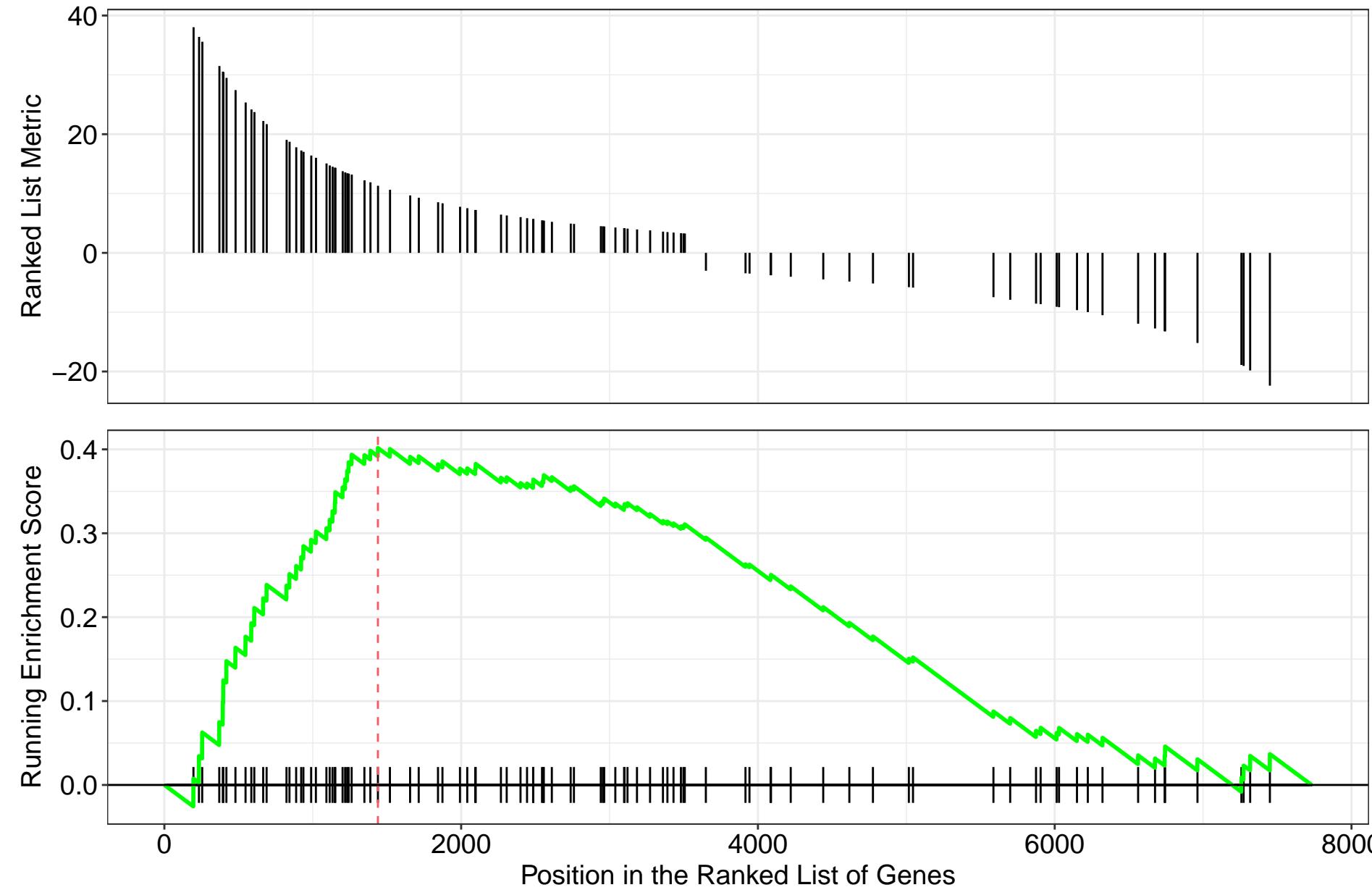
# reproductive system development



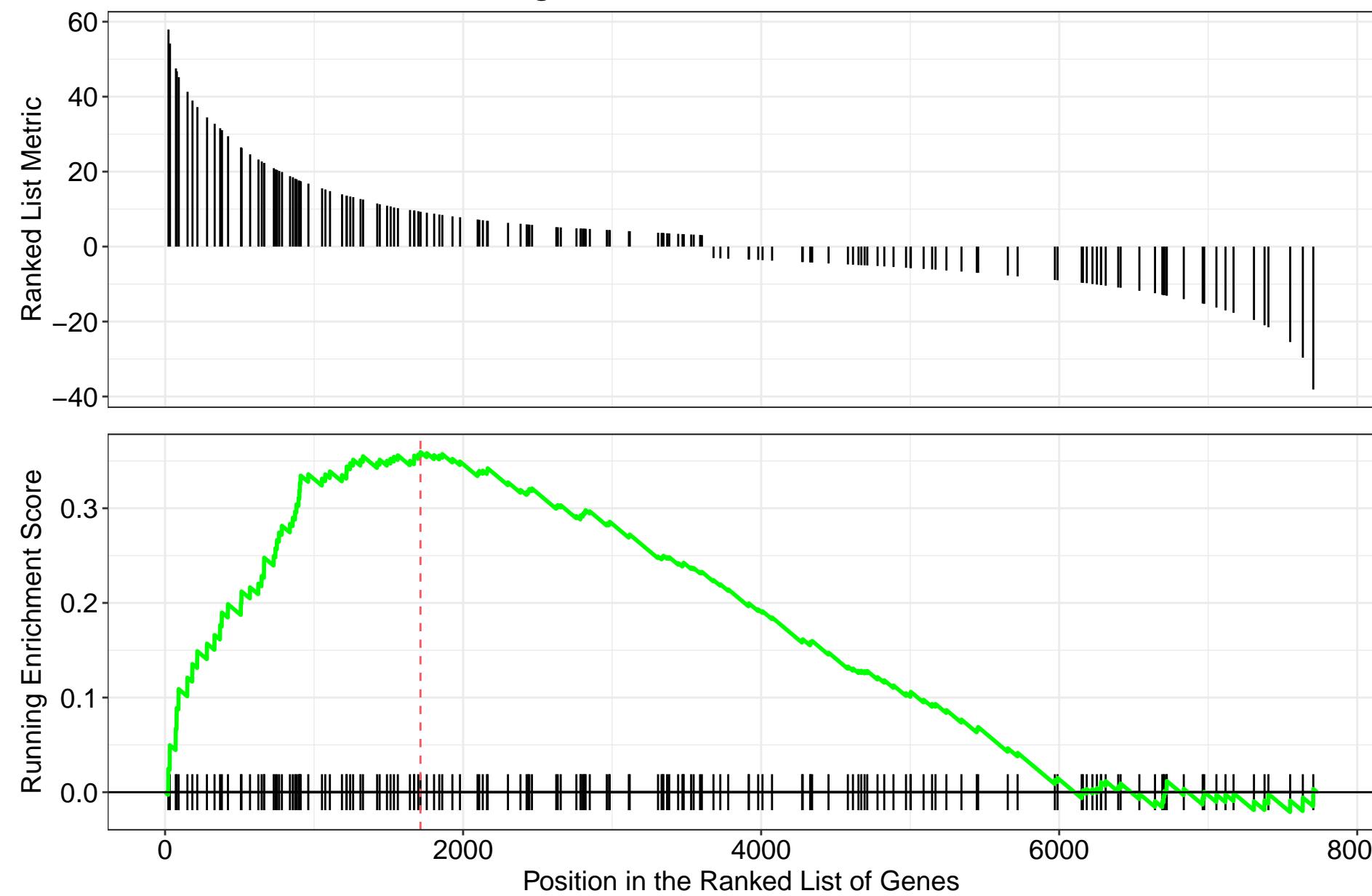
# regulation of cellular response to vascular endothelial growth factor stimulus



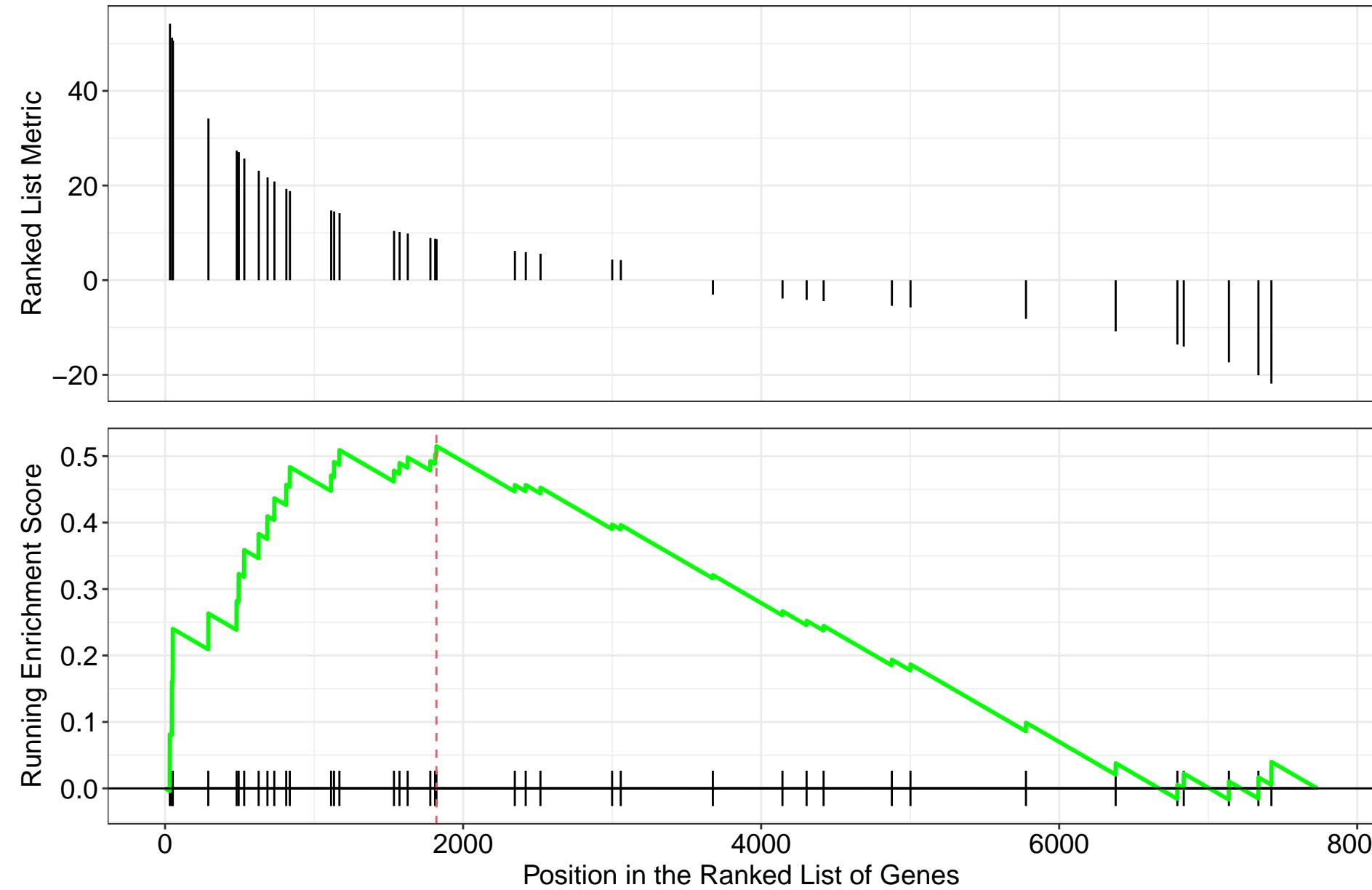
# protein processing



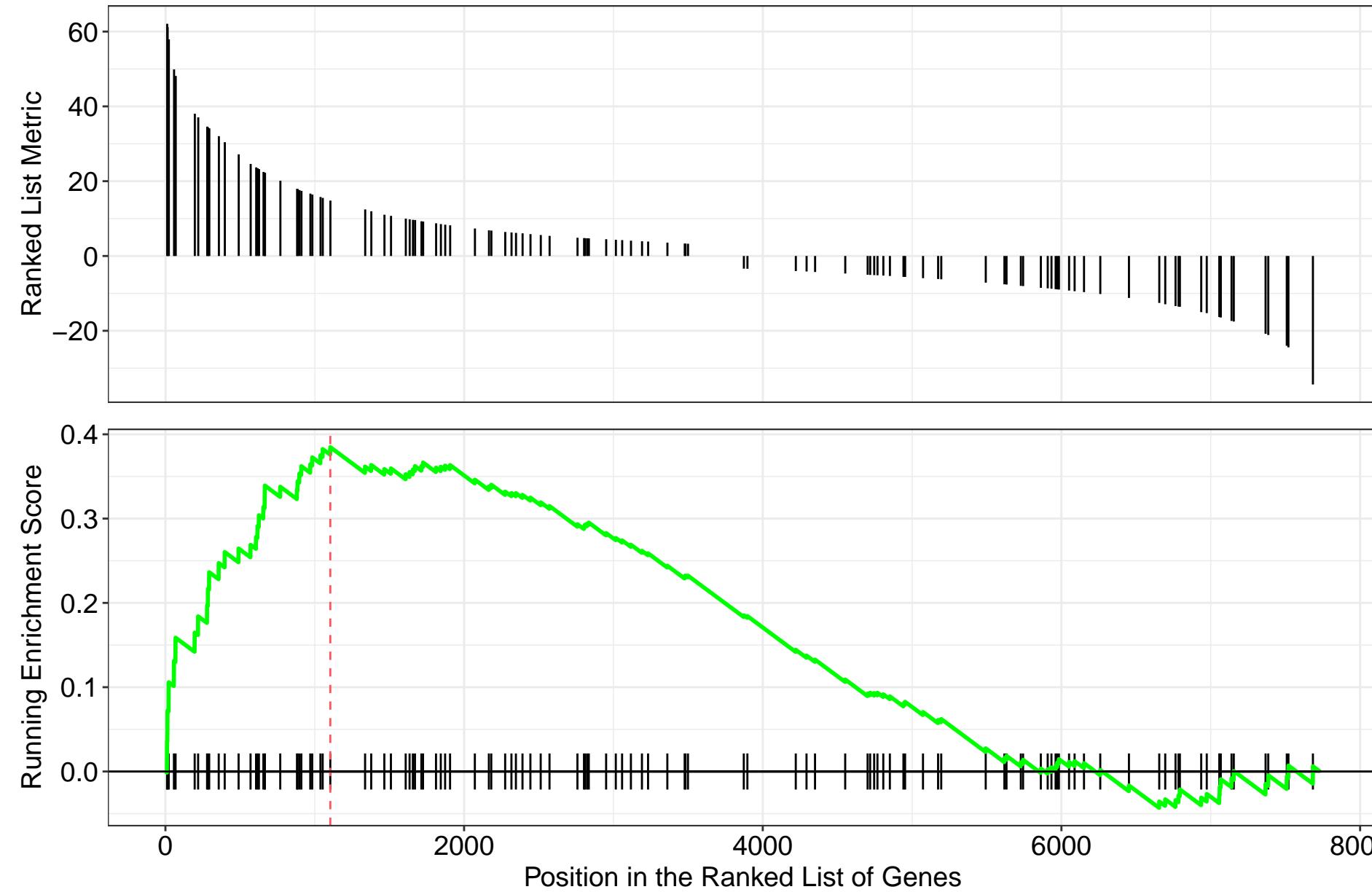
# regulation of neuron death



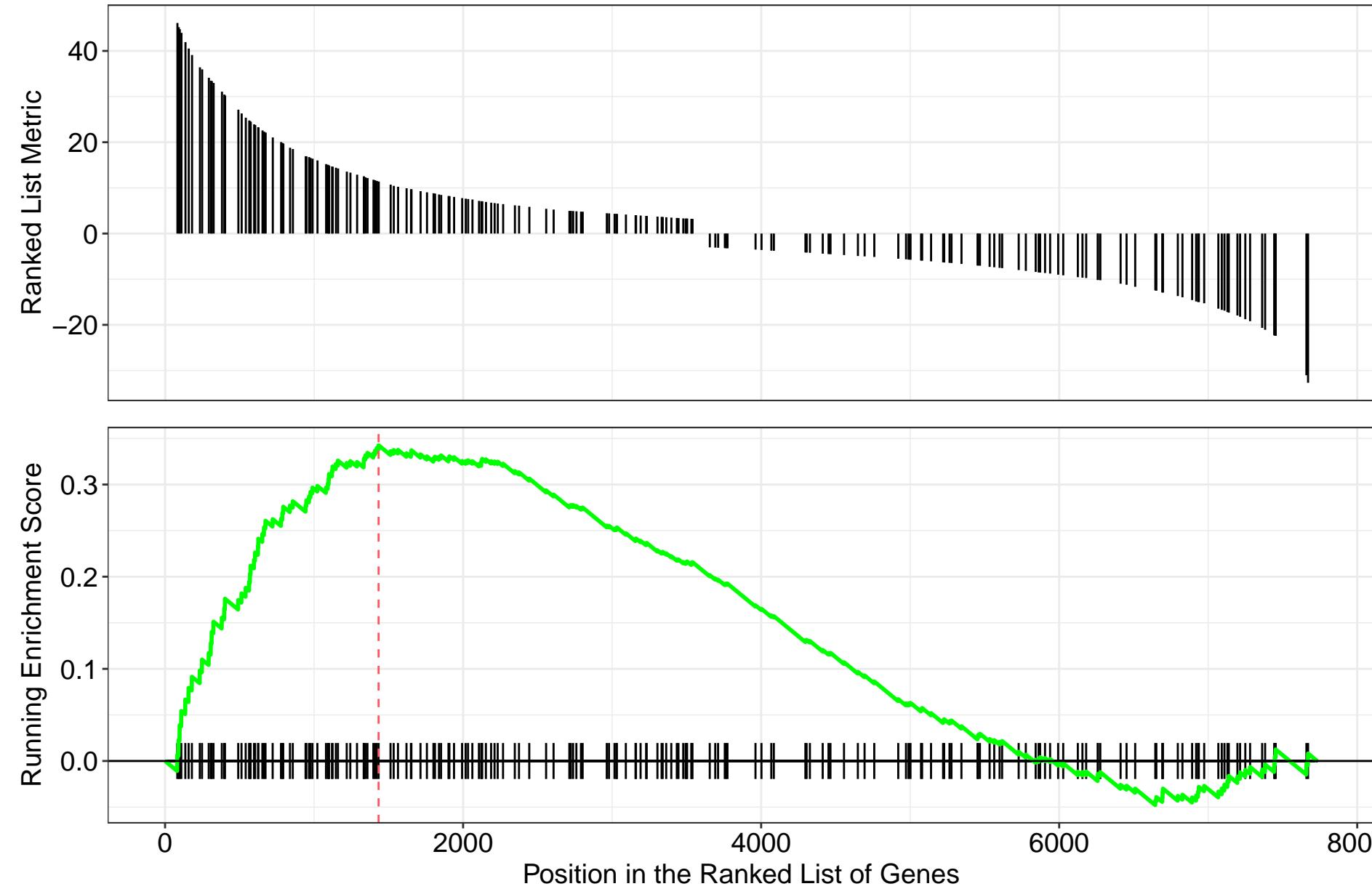
# interleukin–2 production



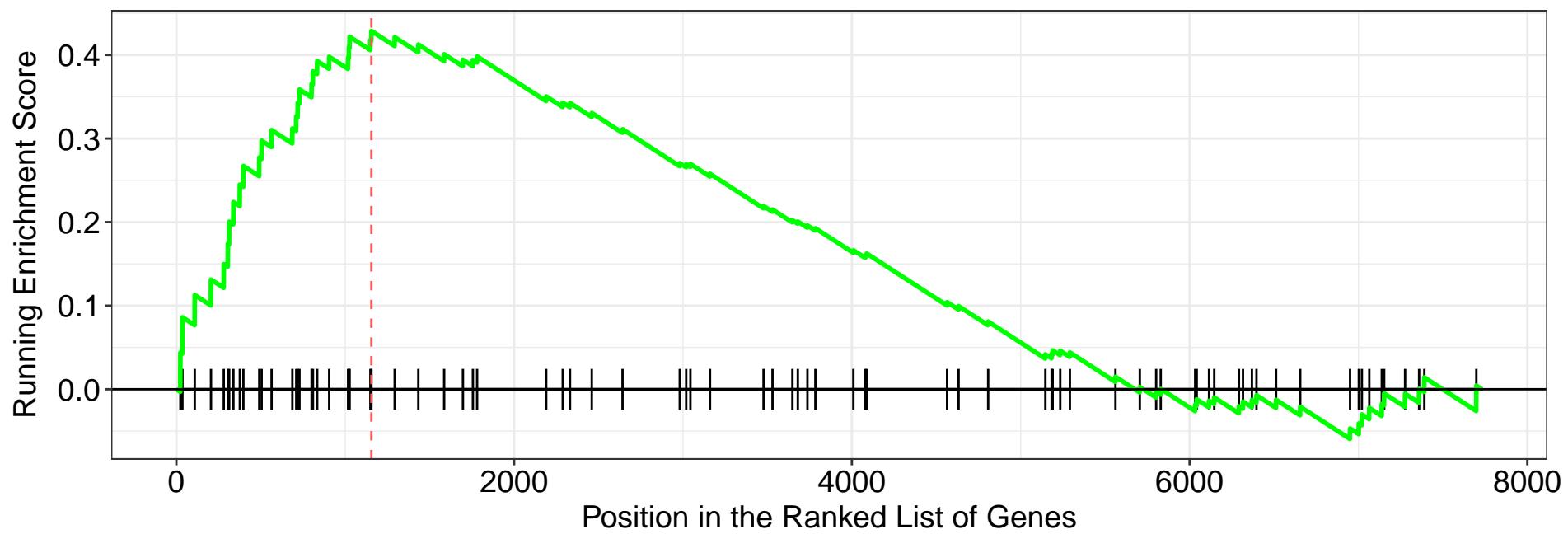
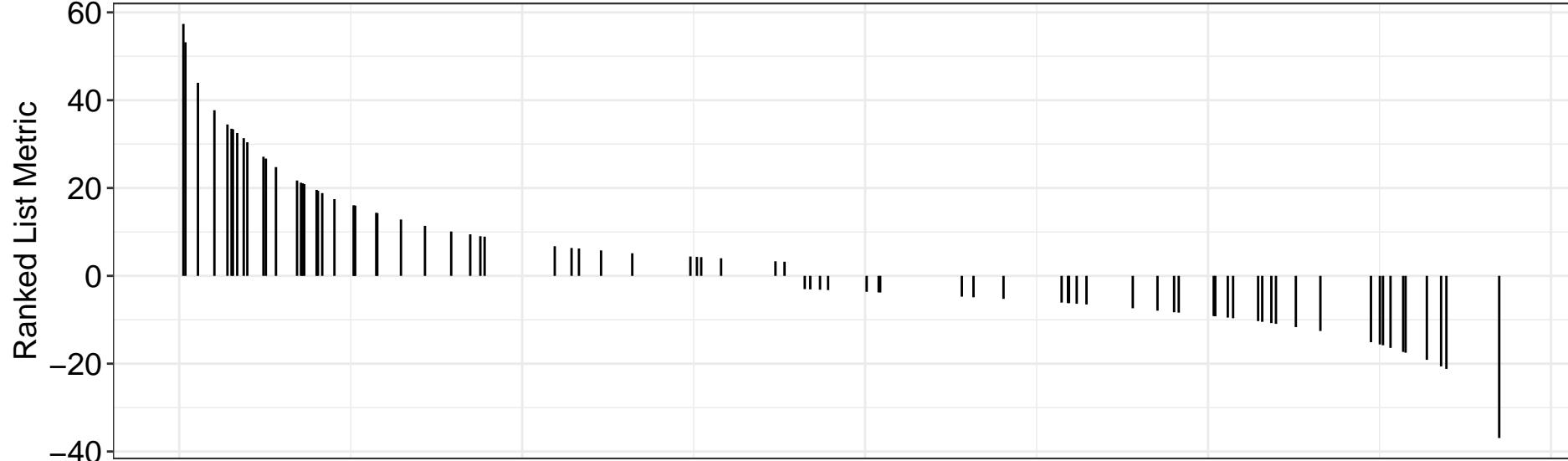
# myeloid leukocyte differentiation



# morphogenesis of an epithelium

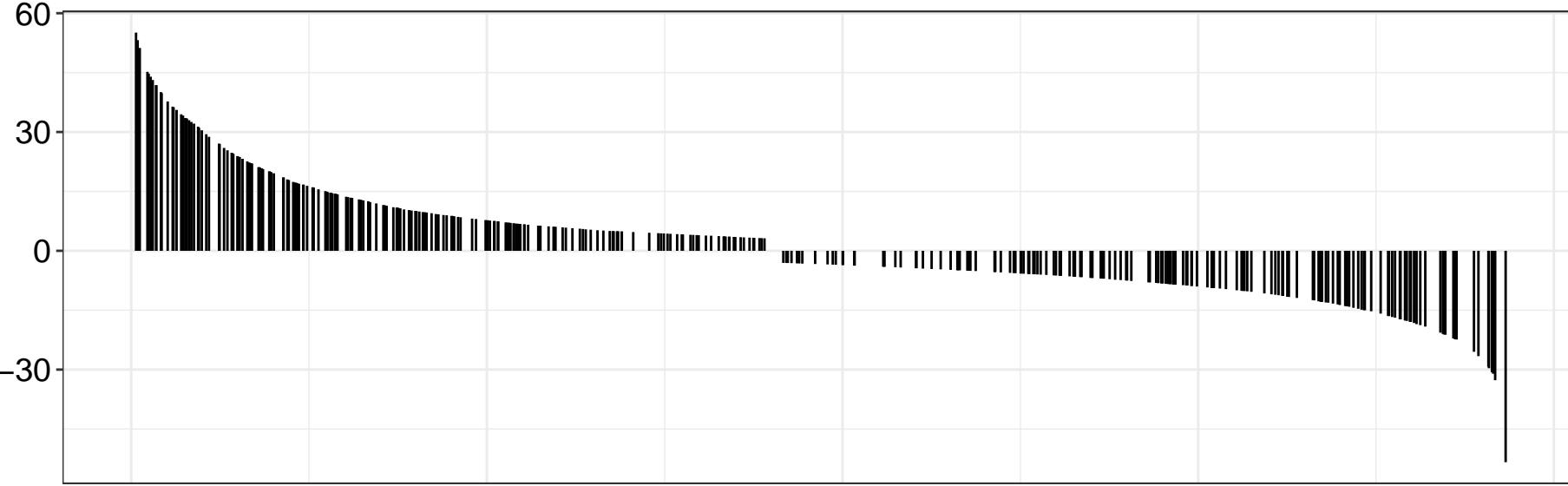


# heart process



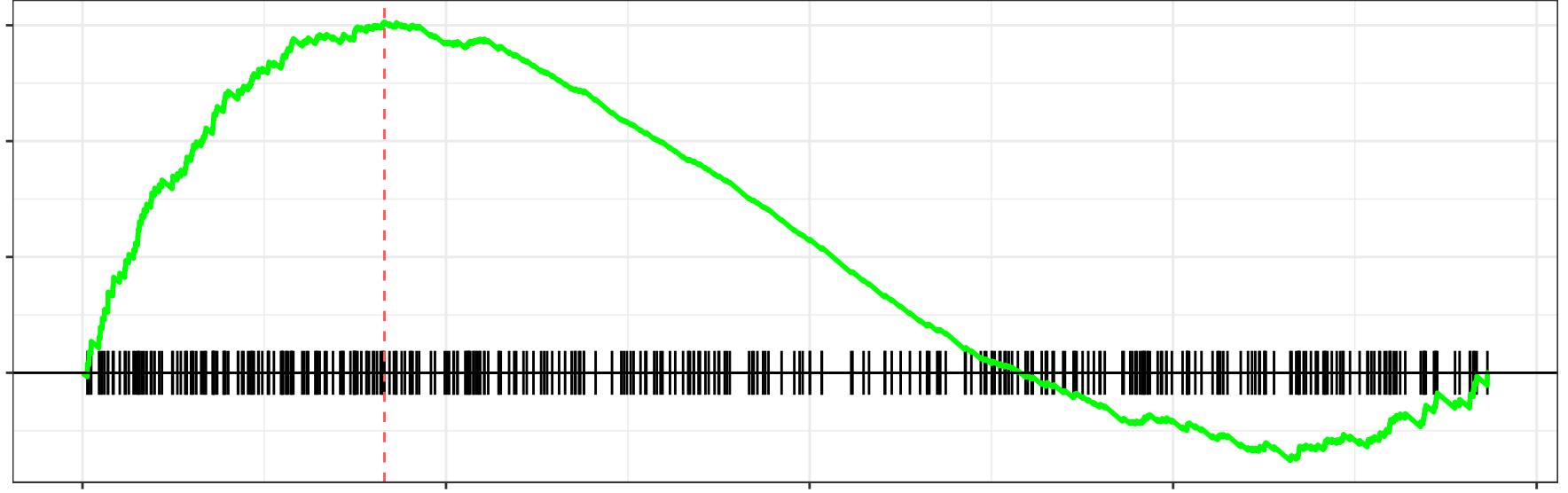
# animal organ morphogenesis

Ranked List Metric

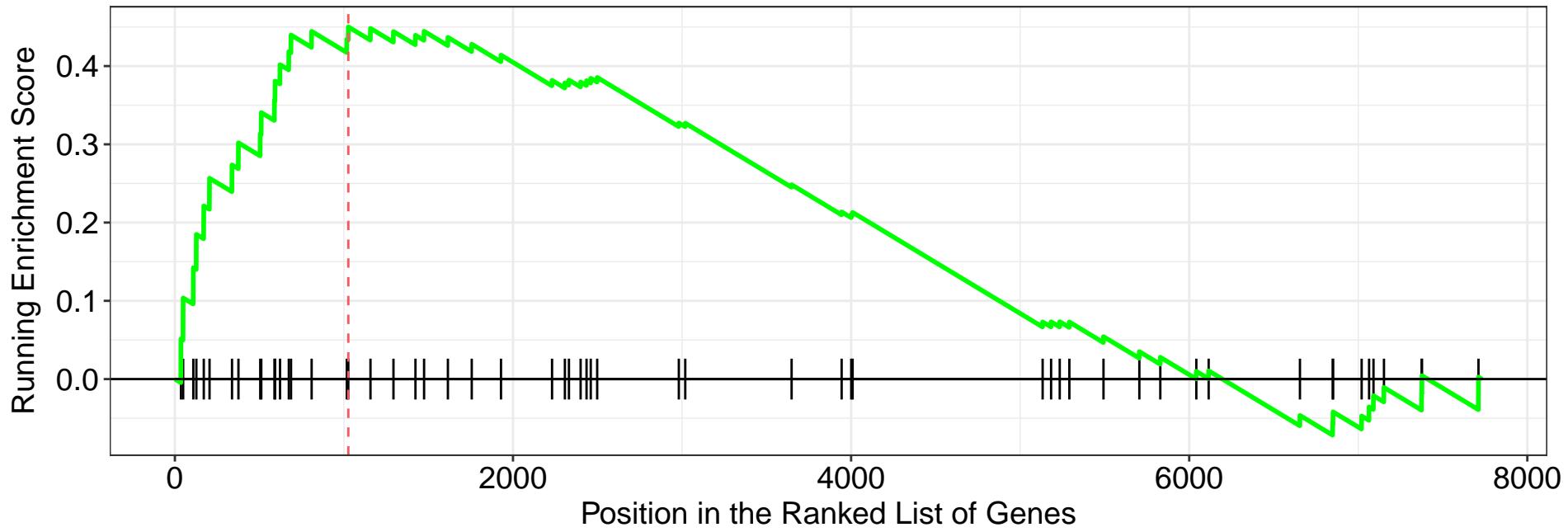
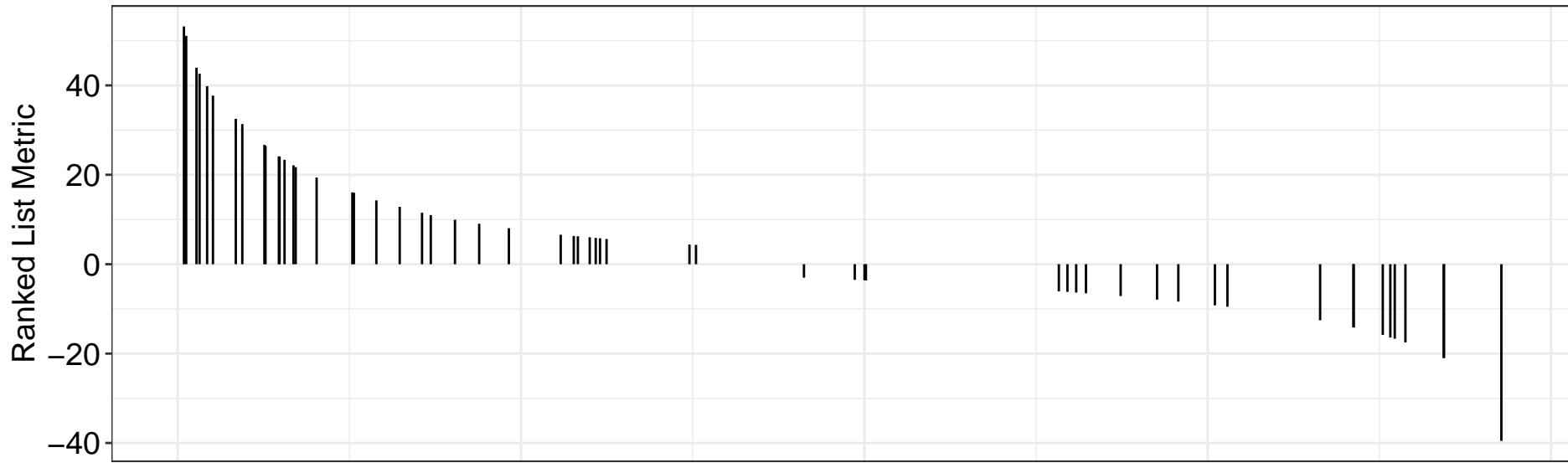


Running Enrichment Score

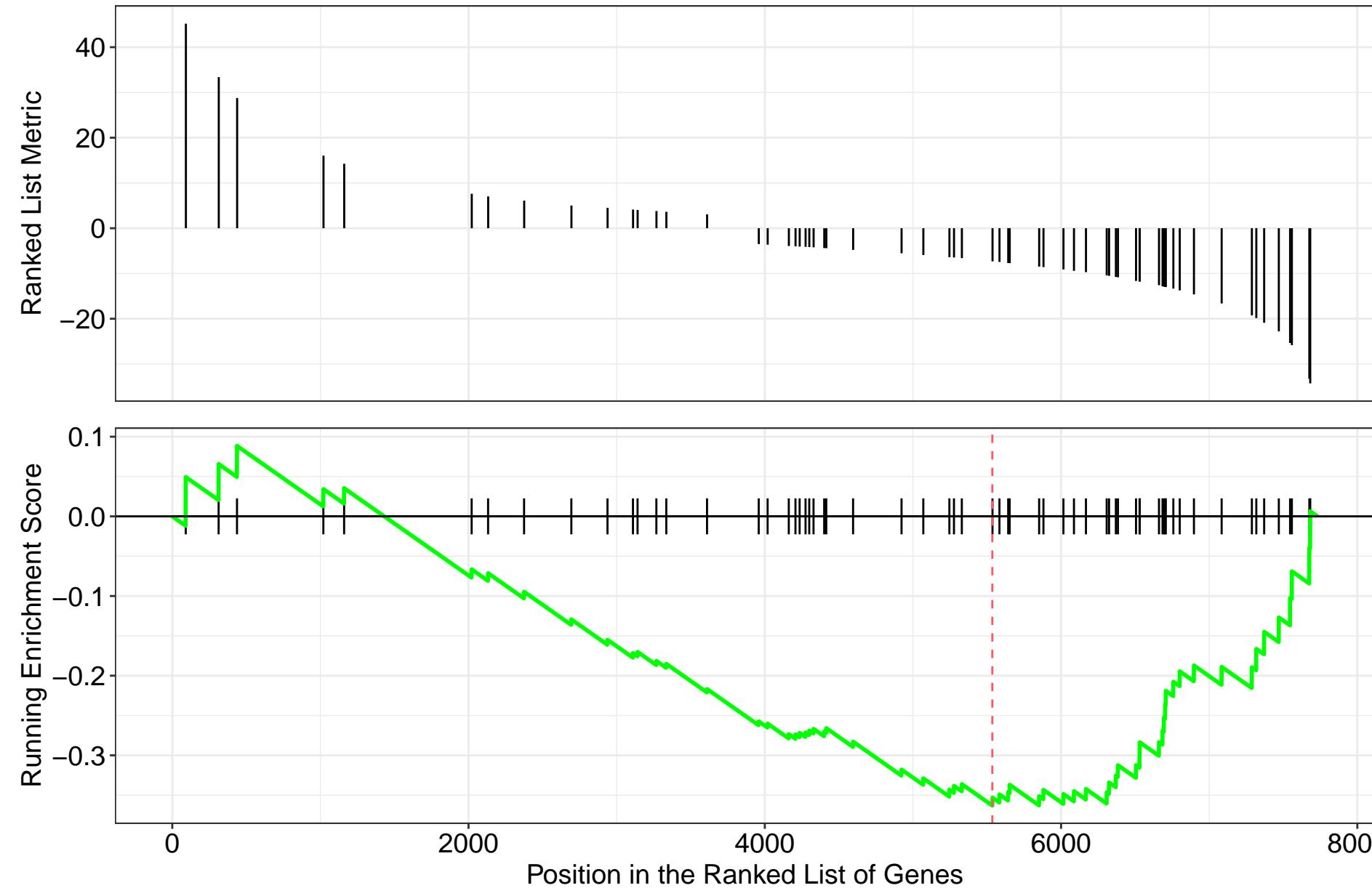
Position in the Ranked List of Genes



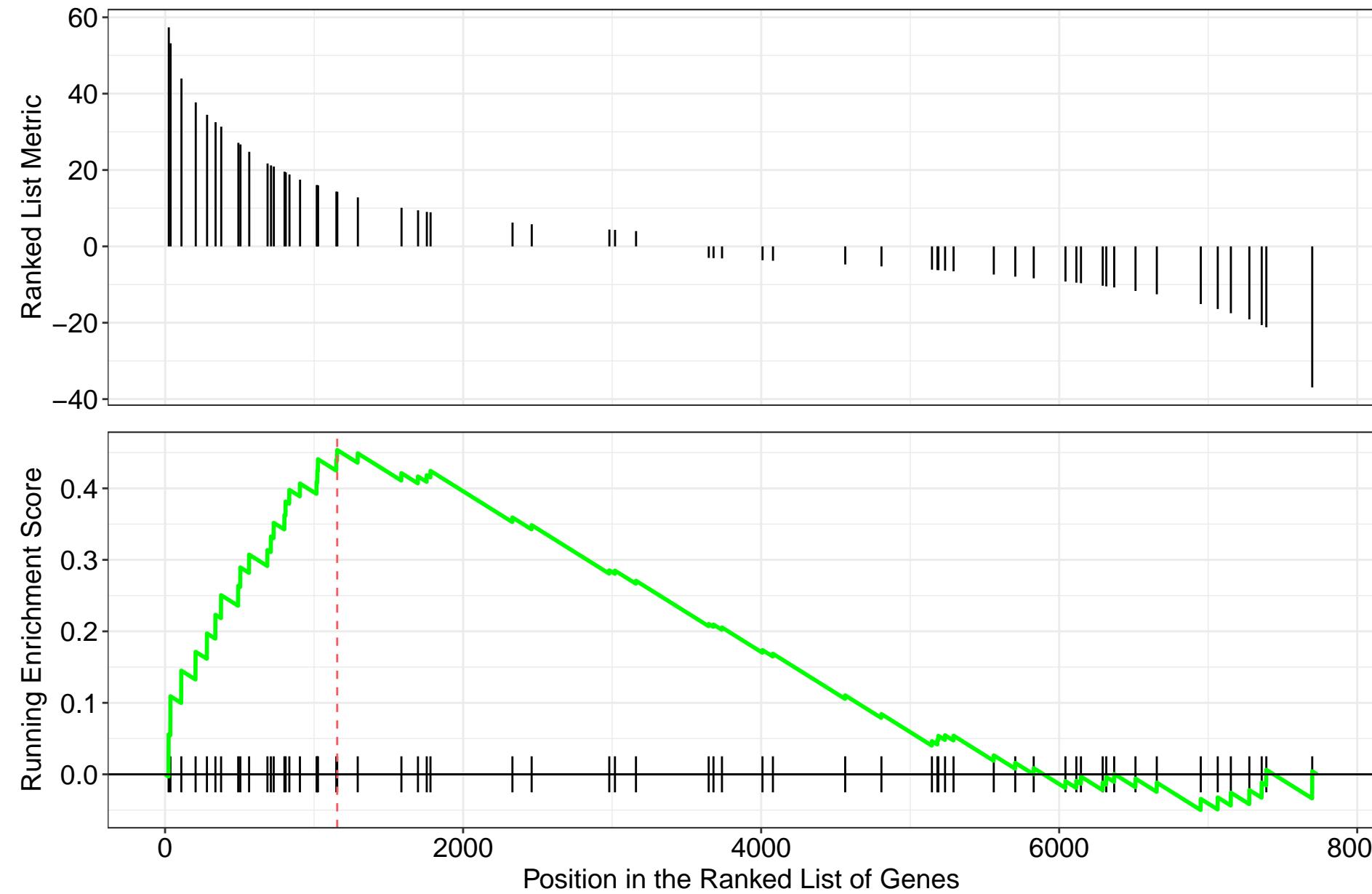
# regulation of muscle contraction



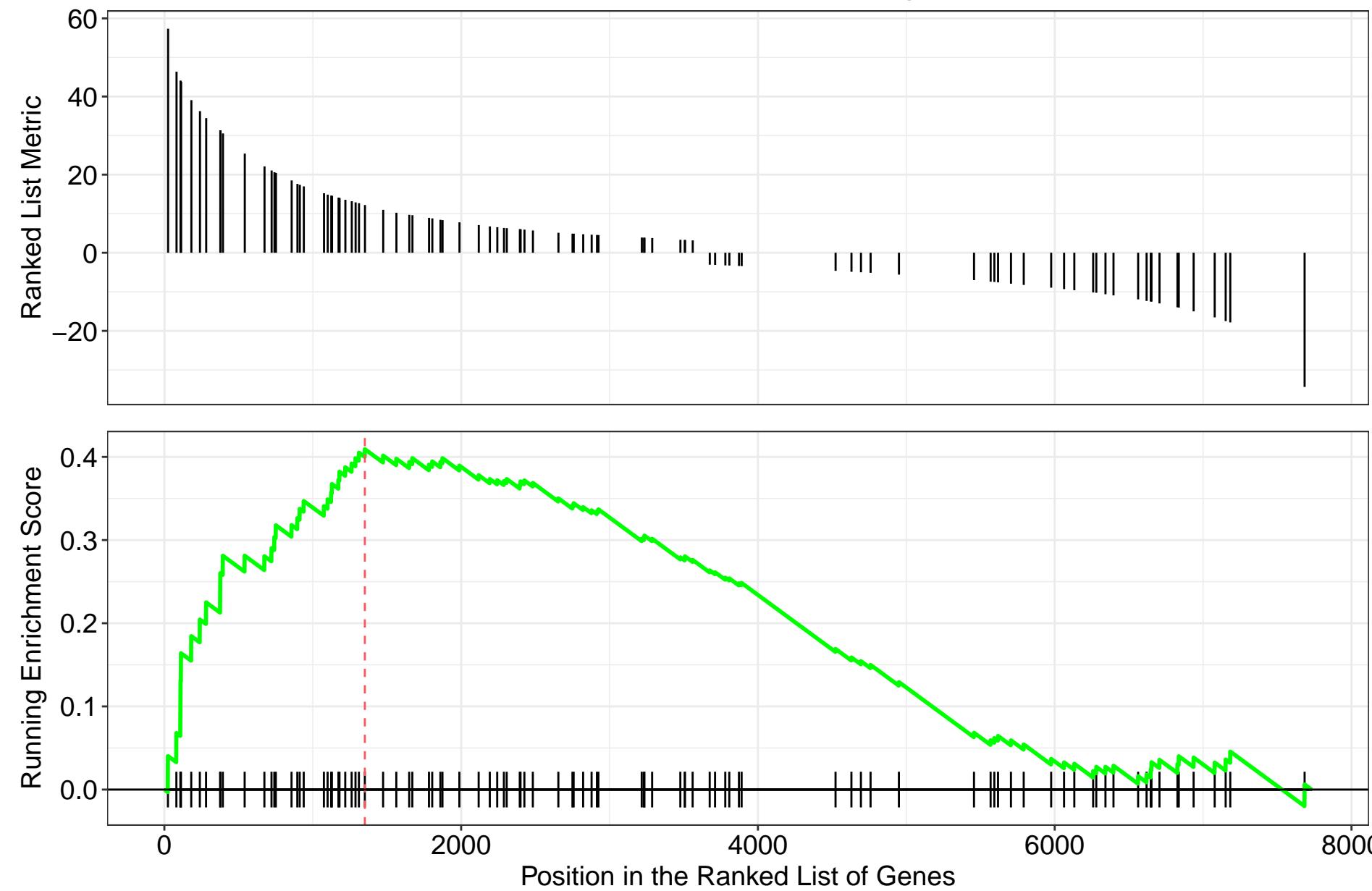
# regulation of DNA replication



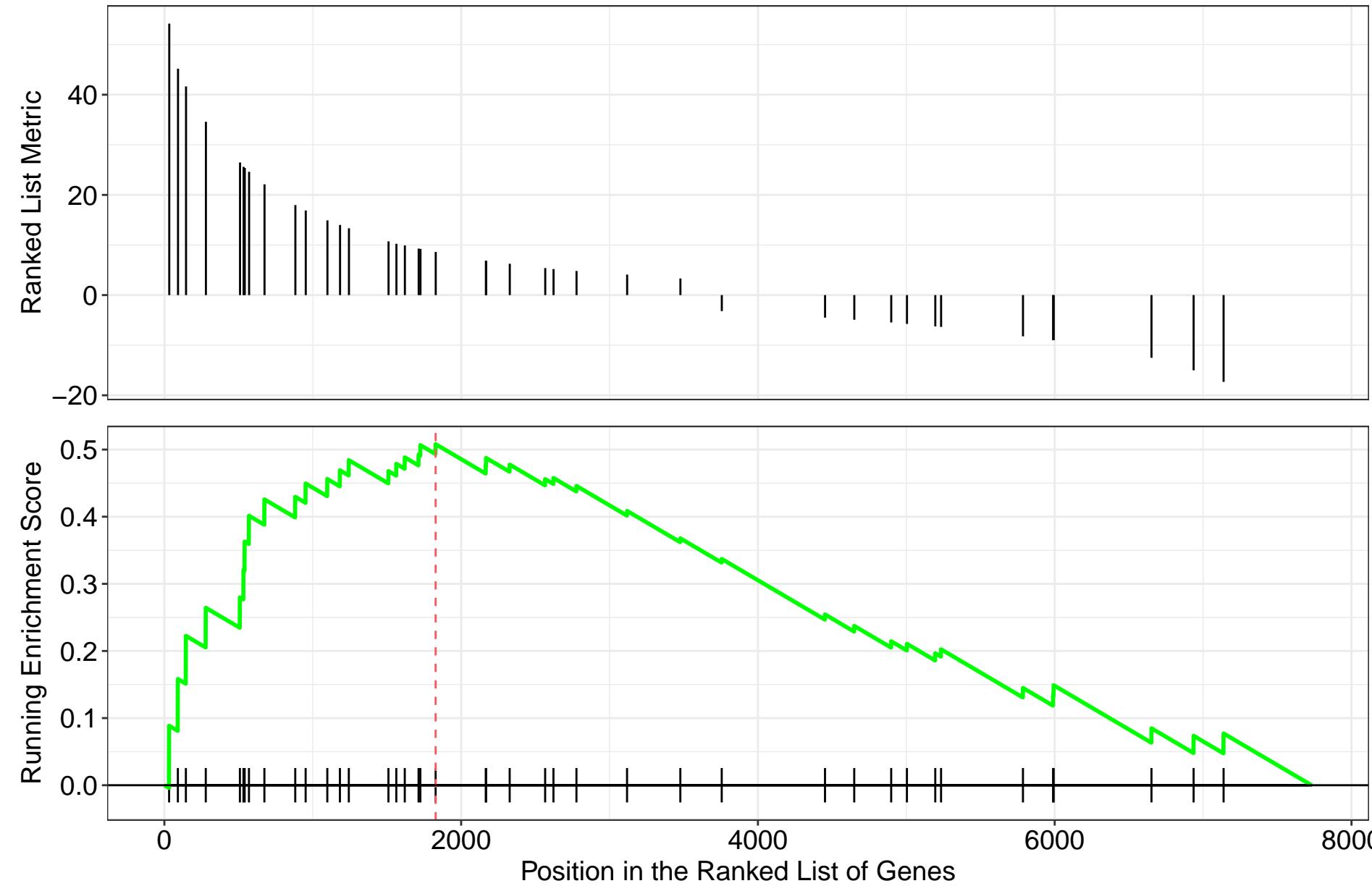
# regulation of heart contraction



# response to decreased oxygen levels

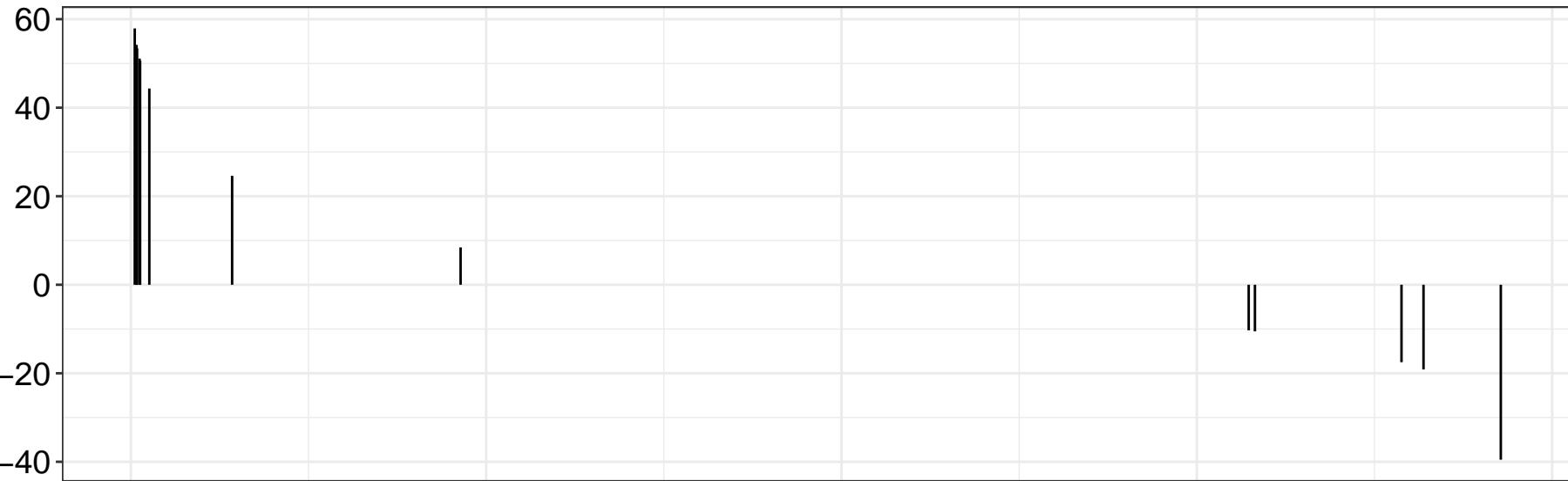


# positive regulation of gliogenesis



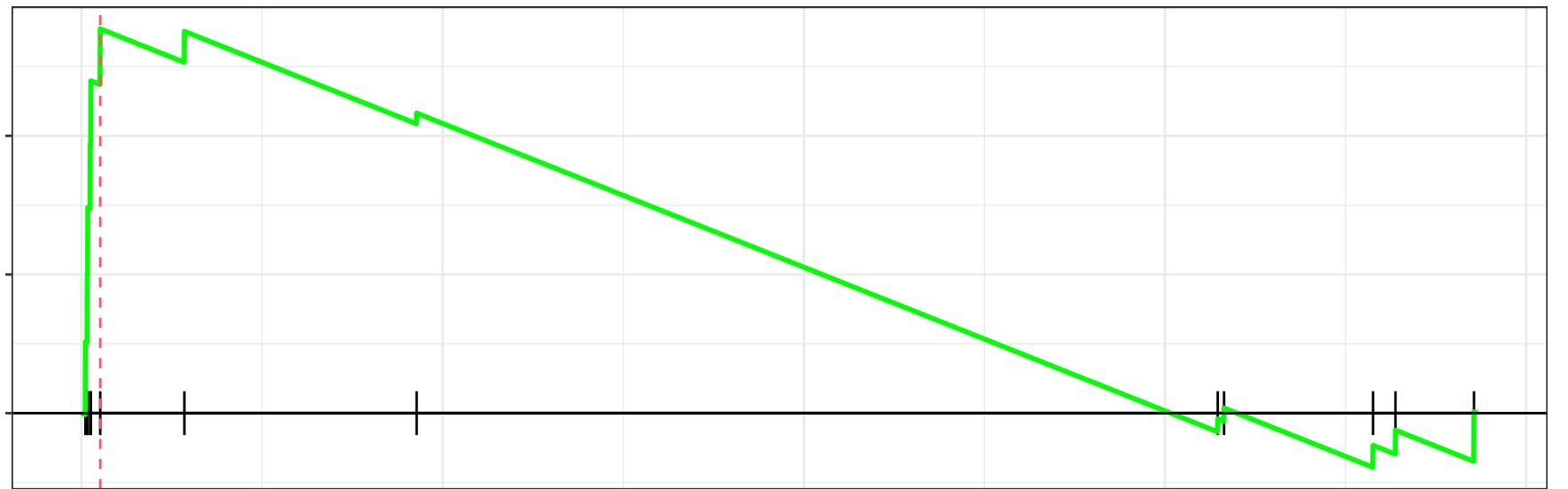
# heat generation

Ranked List Metric

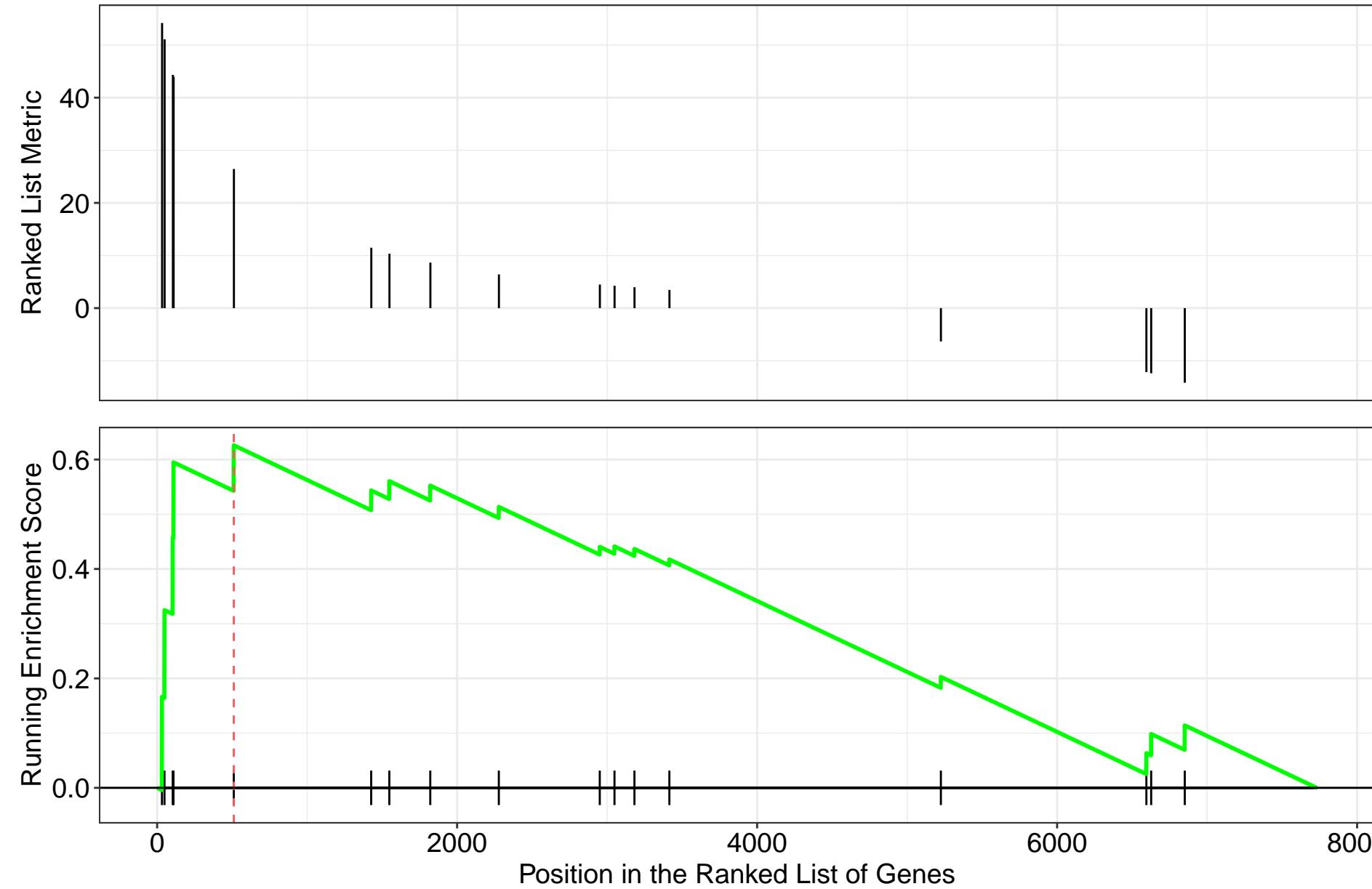


Running Enrichment Score

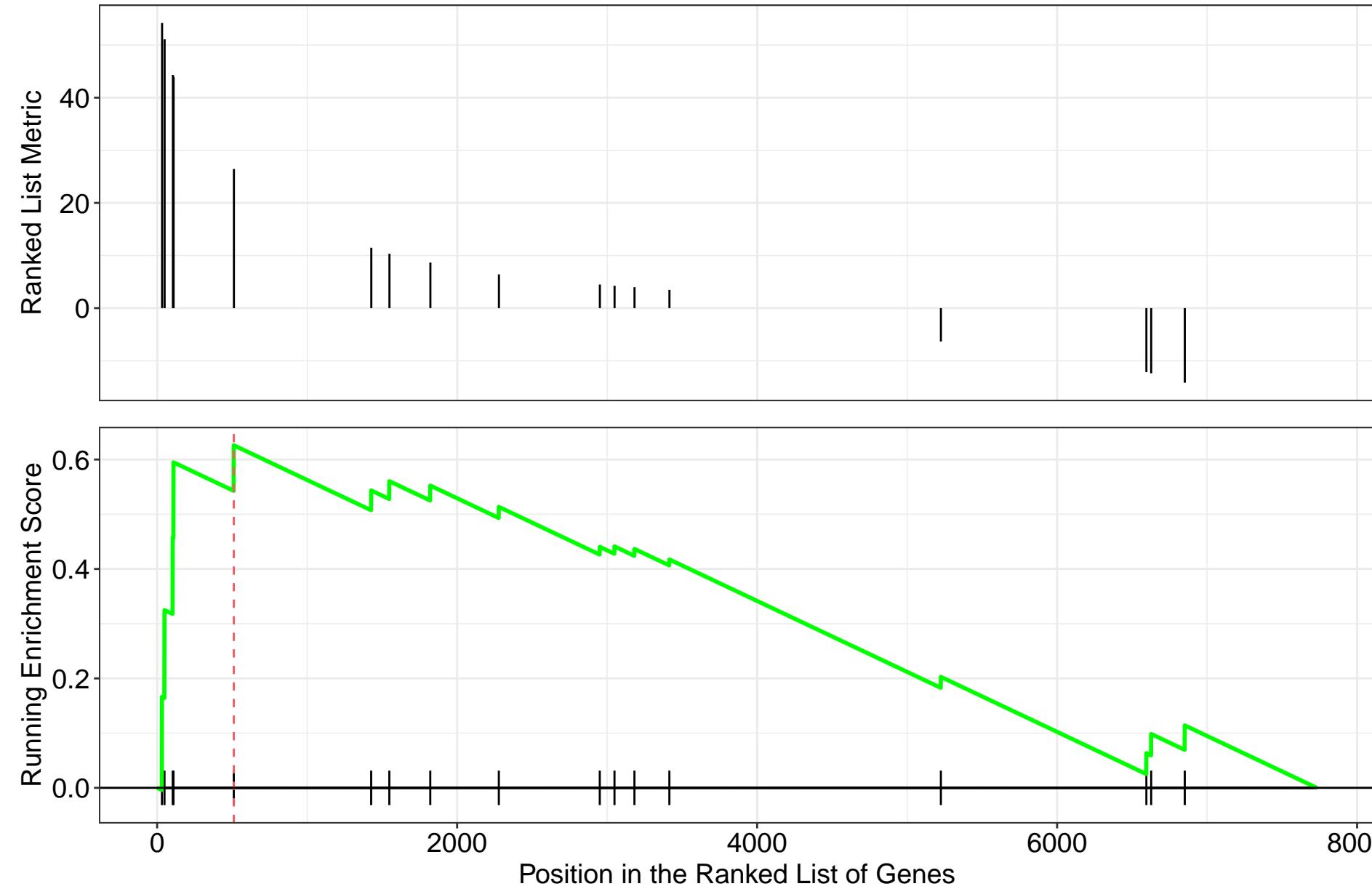
Position in the Ranked List of Genes



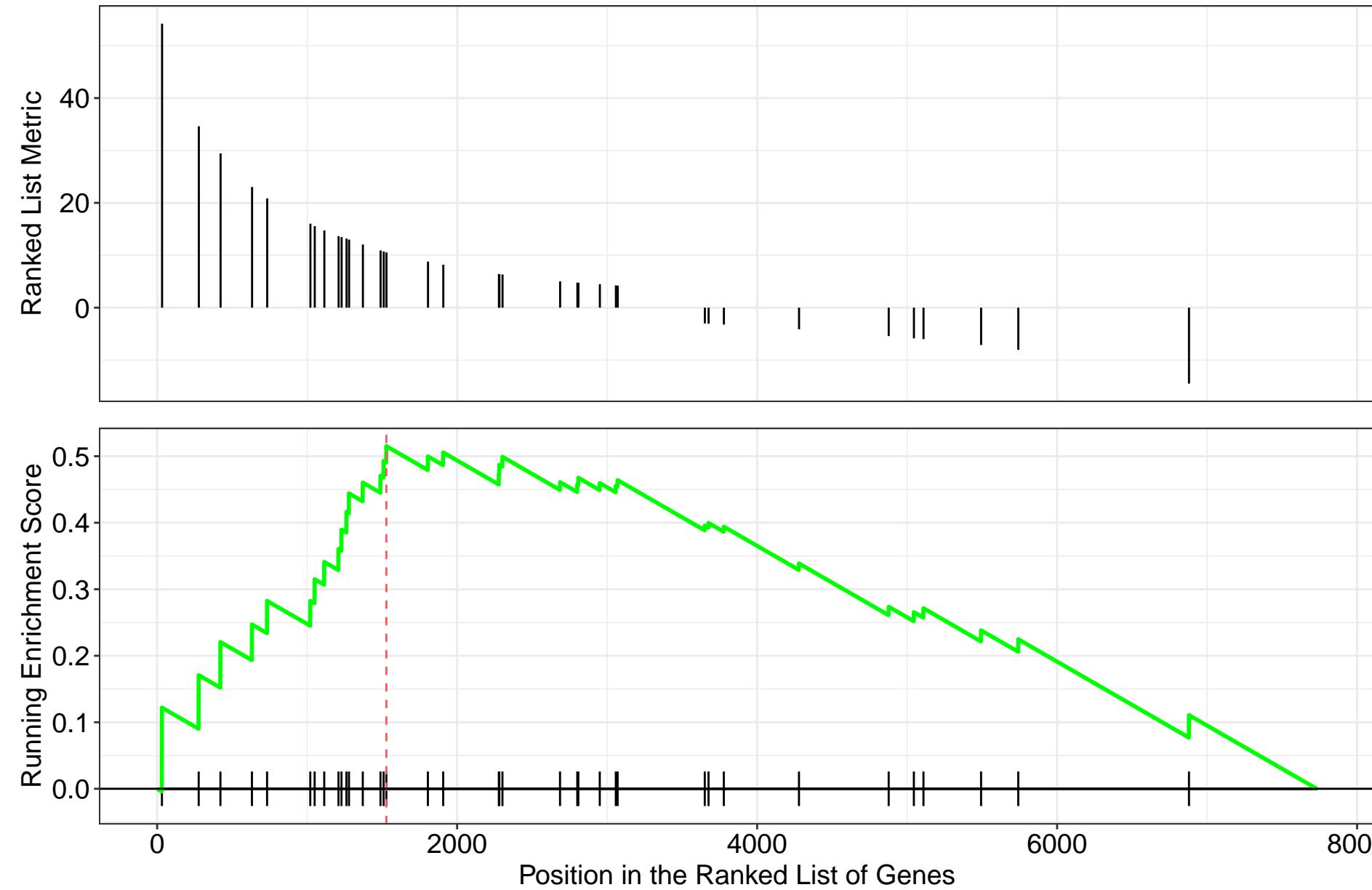
# prostaglandin biosynthetic process



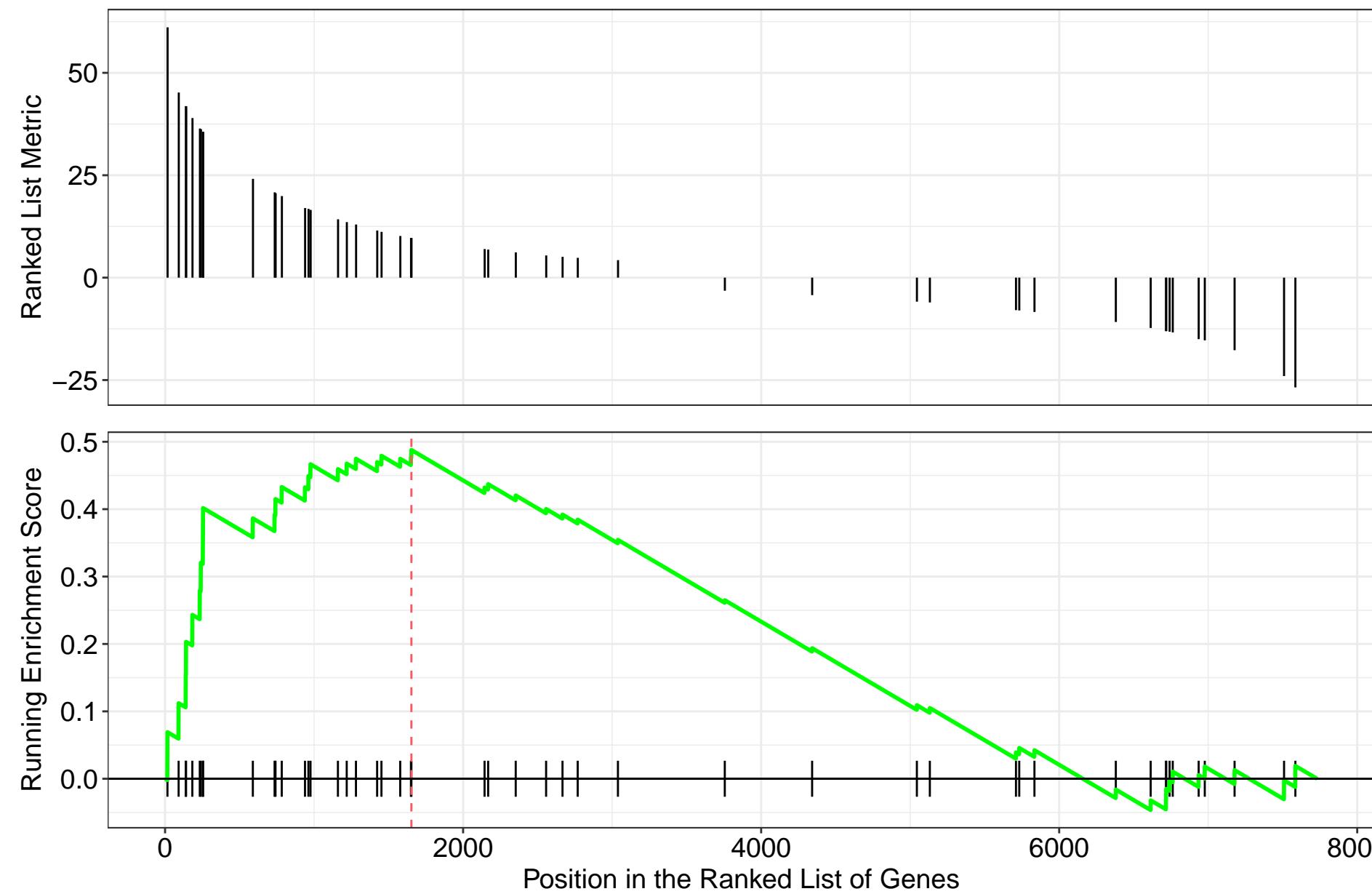
# prostanoid biosynthetic process



# myeloid leukocyte cytokine production

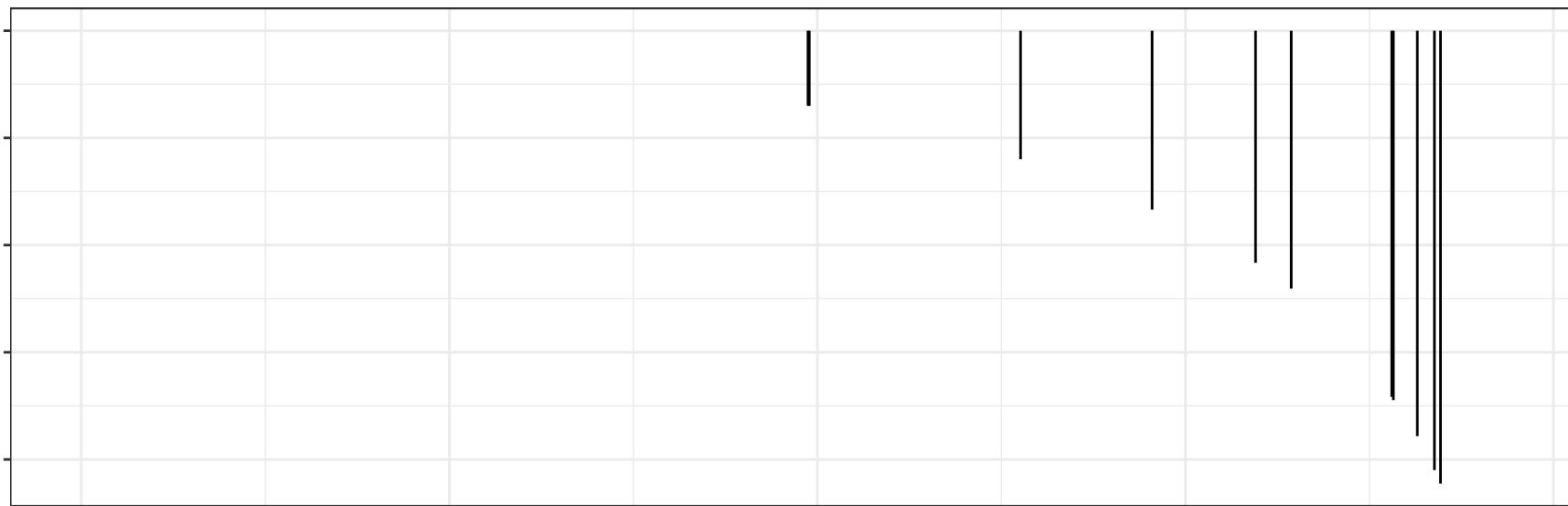


# collagen metabolic process



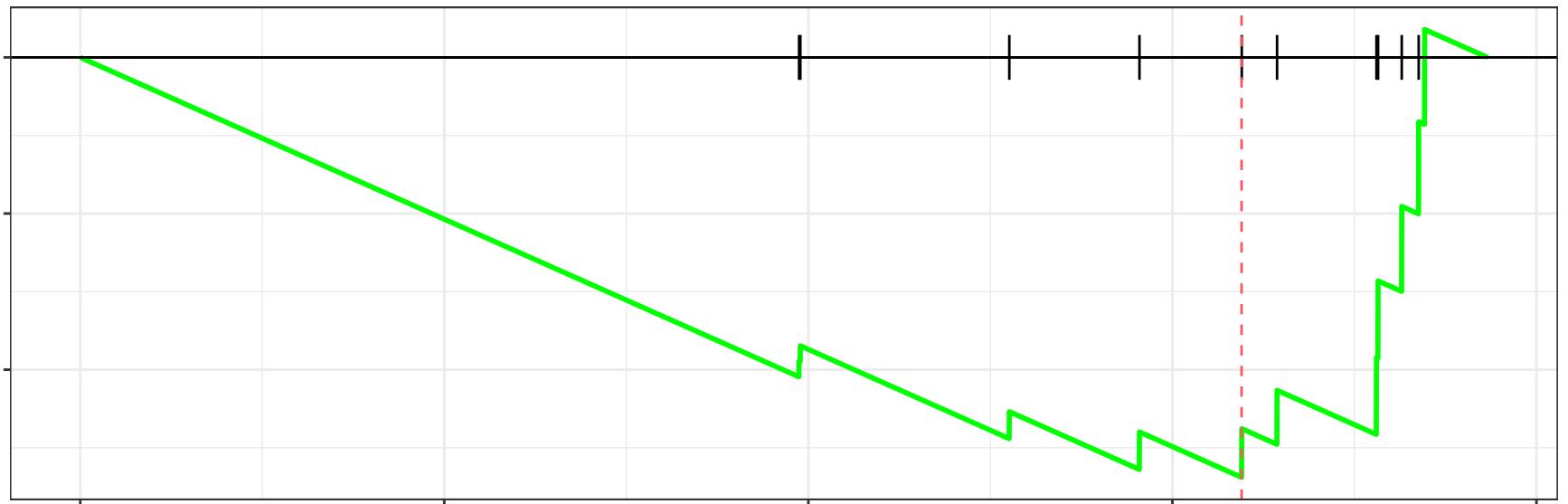
# mitotic chromosome condensation

Ranked List Metric

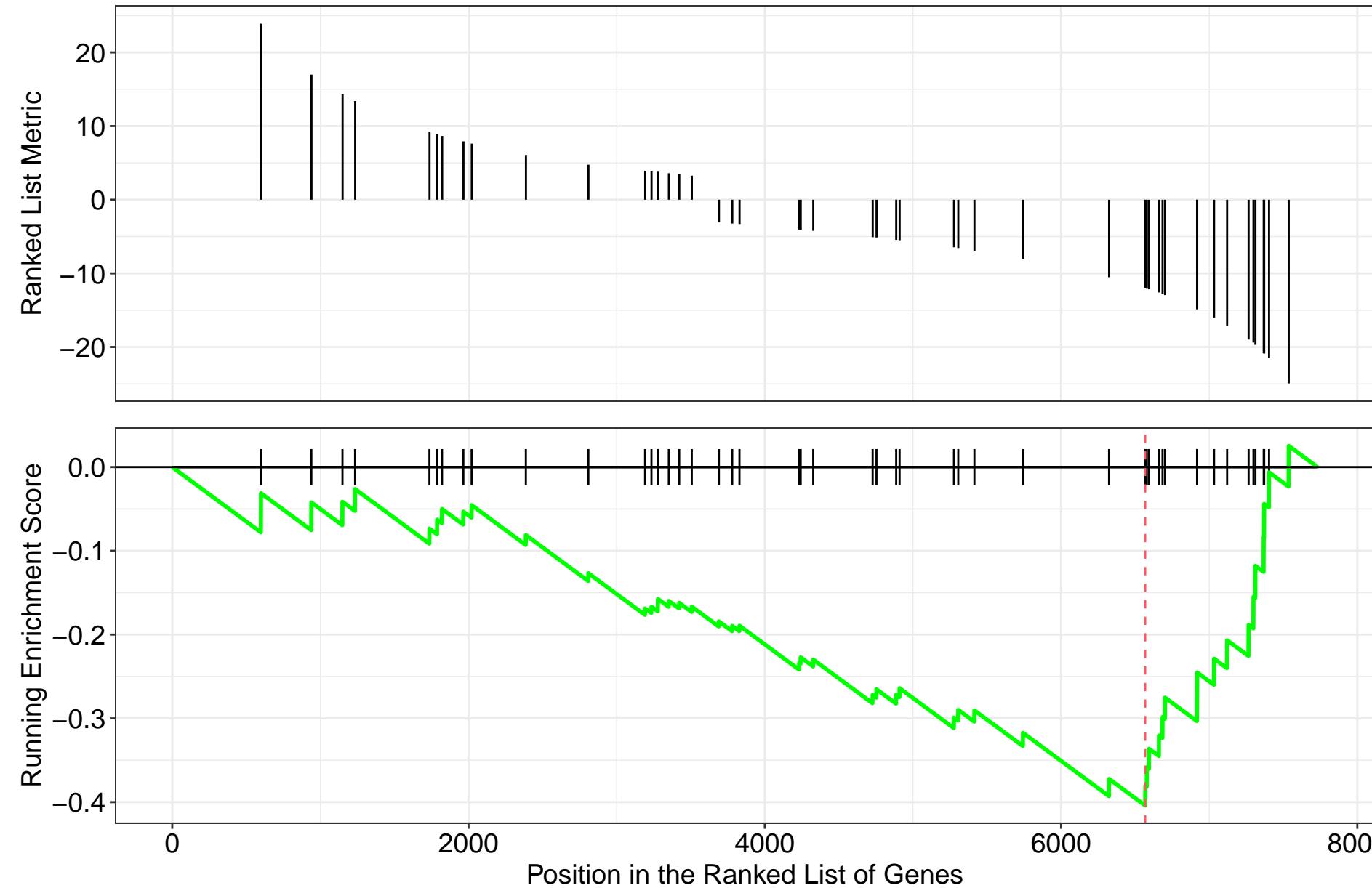


Running Enrichment Score

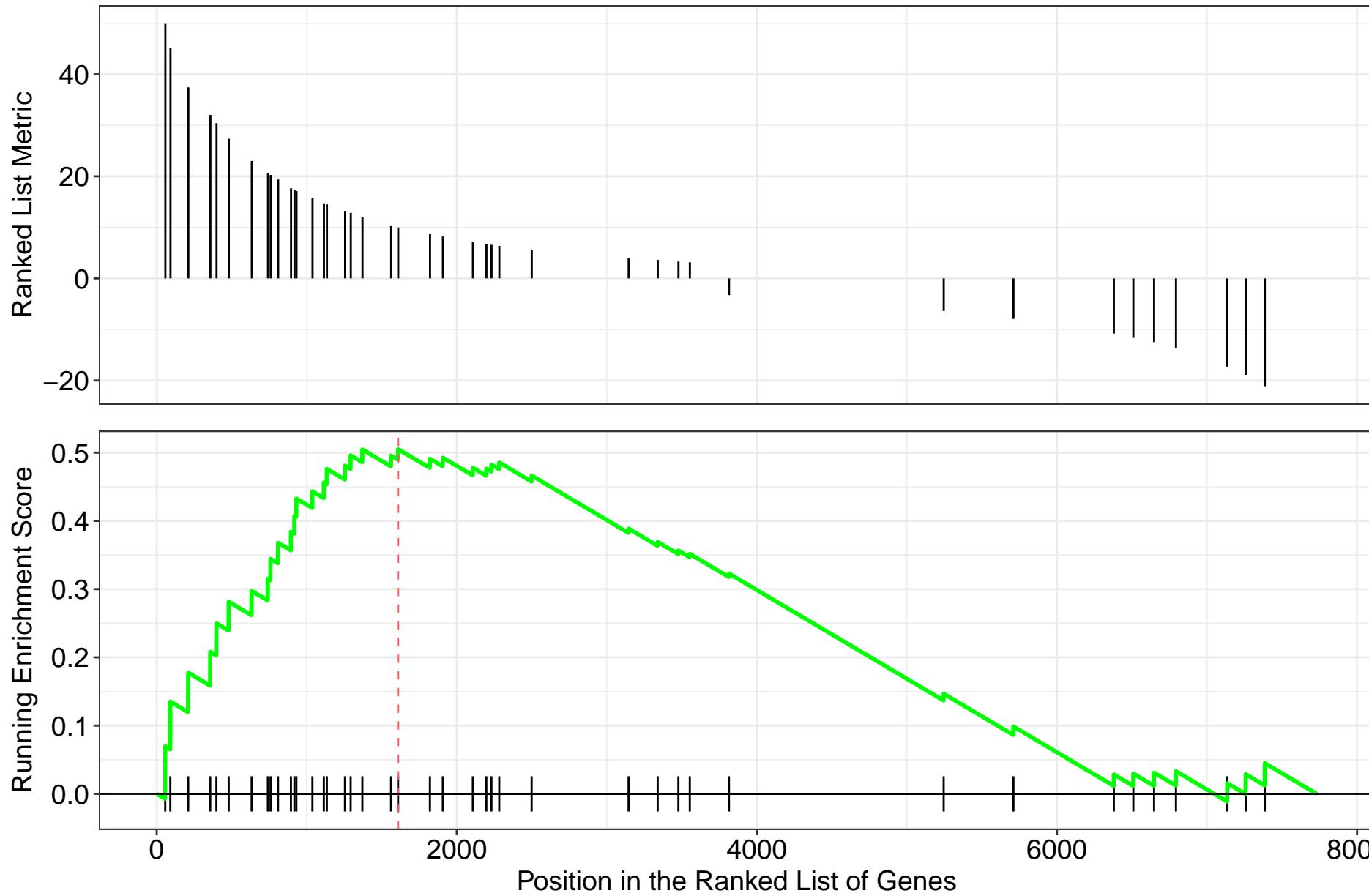
Position in the Ranked List of Genes



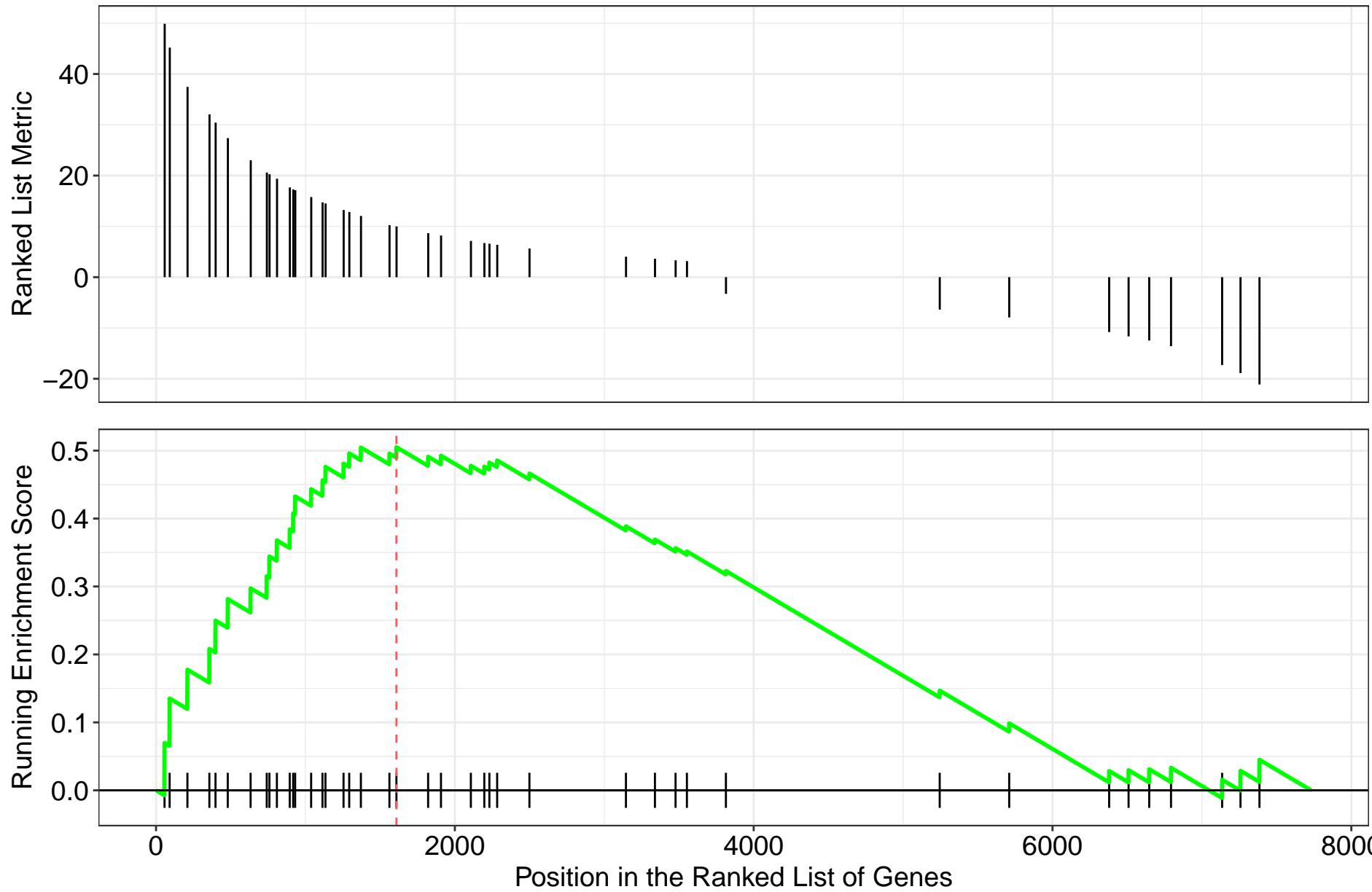
# positive regulation of mitotic cell cycle phase transition



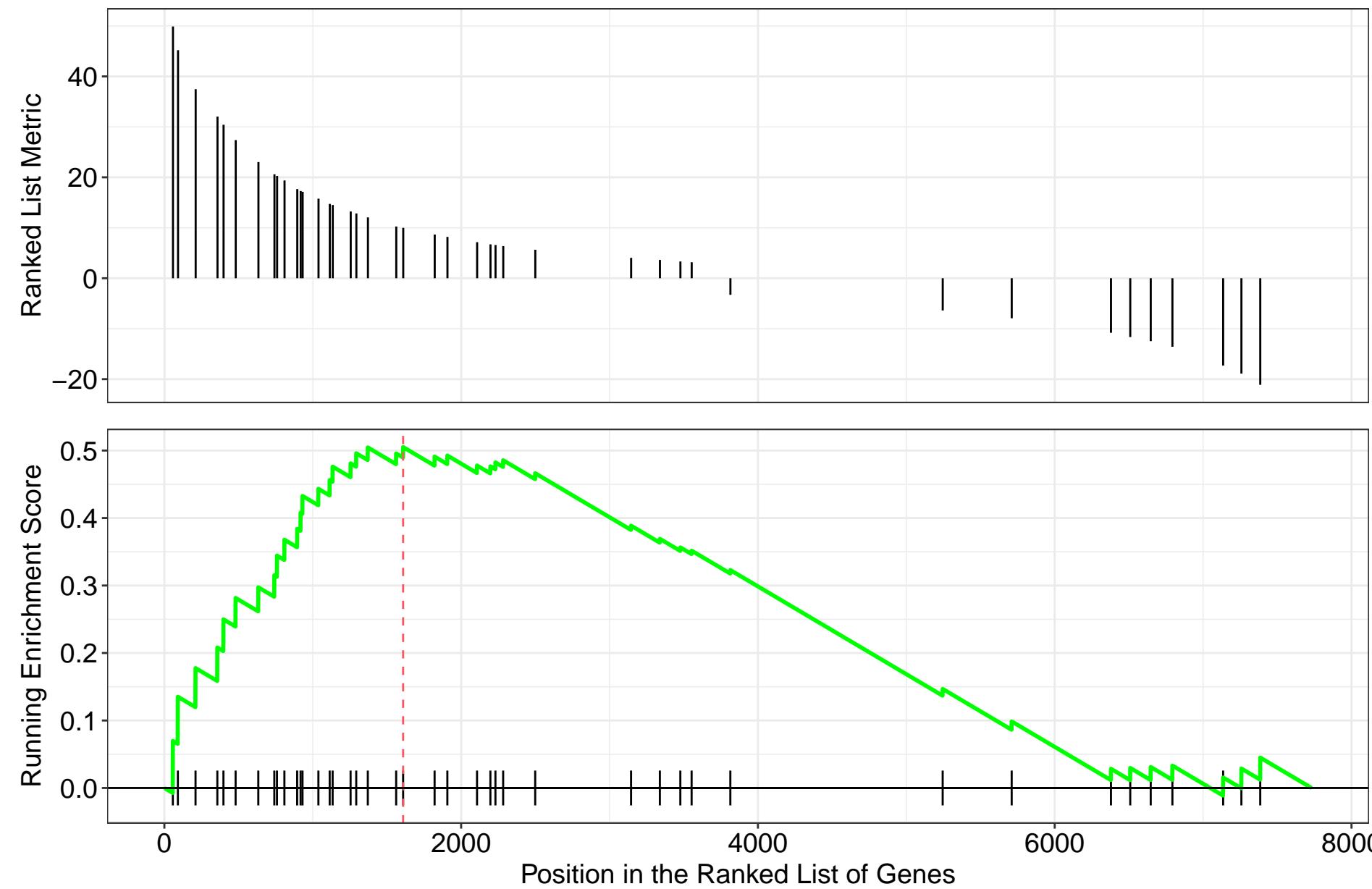
# alpha–beta T cell differentiation involved in immune response



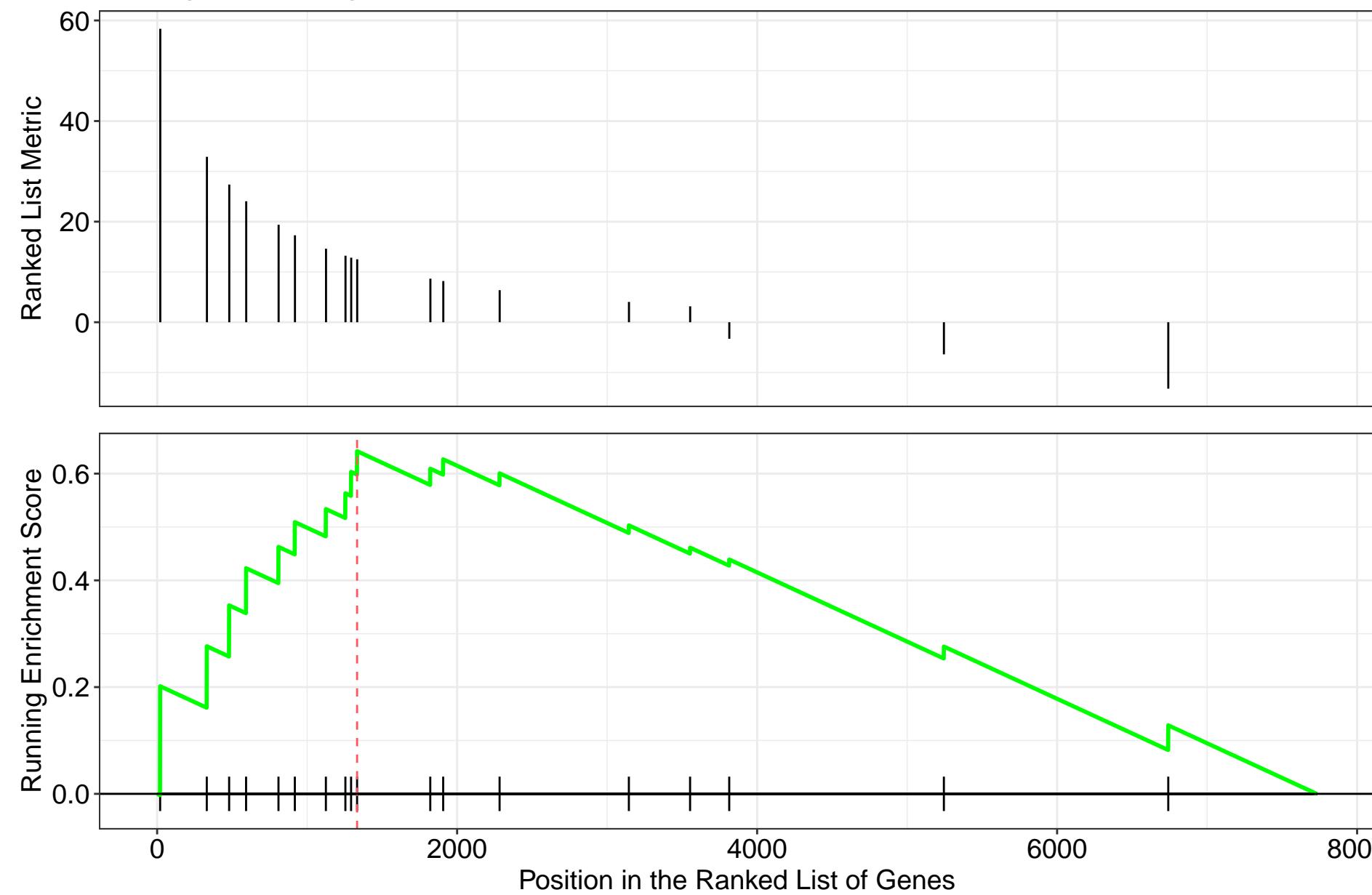
# CD4-positive, alpha-beta T cell differentiation involved in immune response



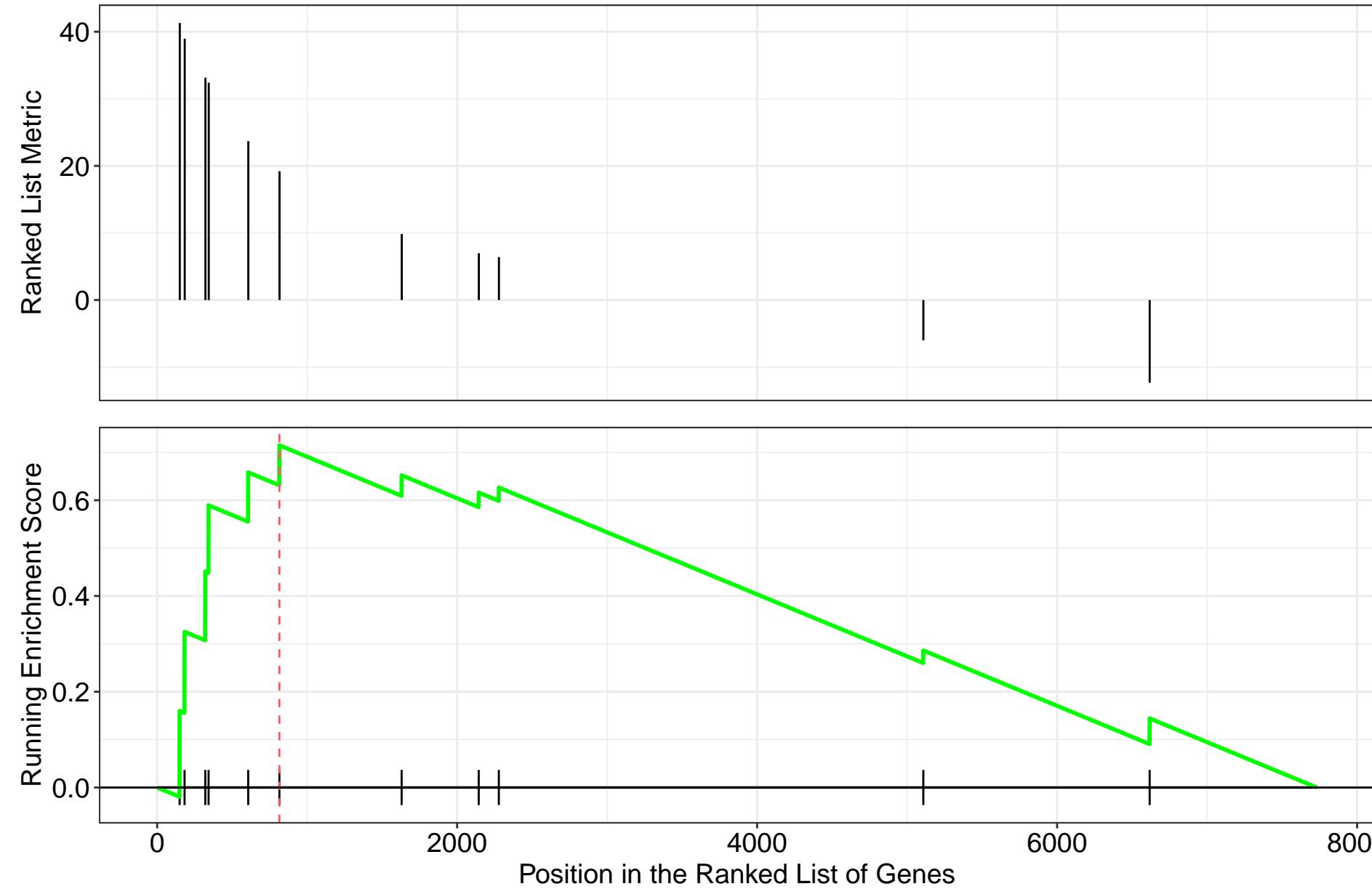
# T-helper cell differentiation



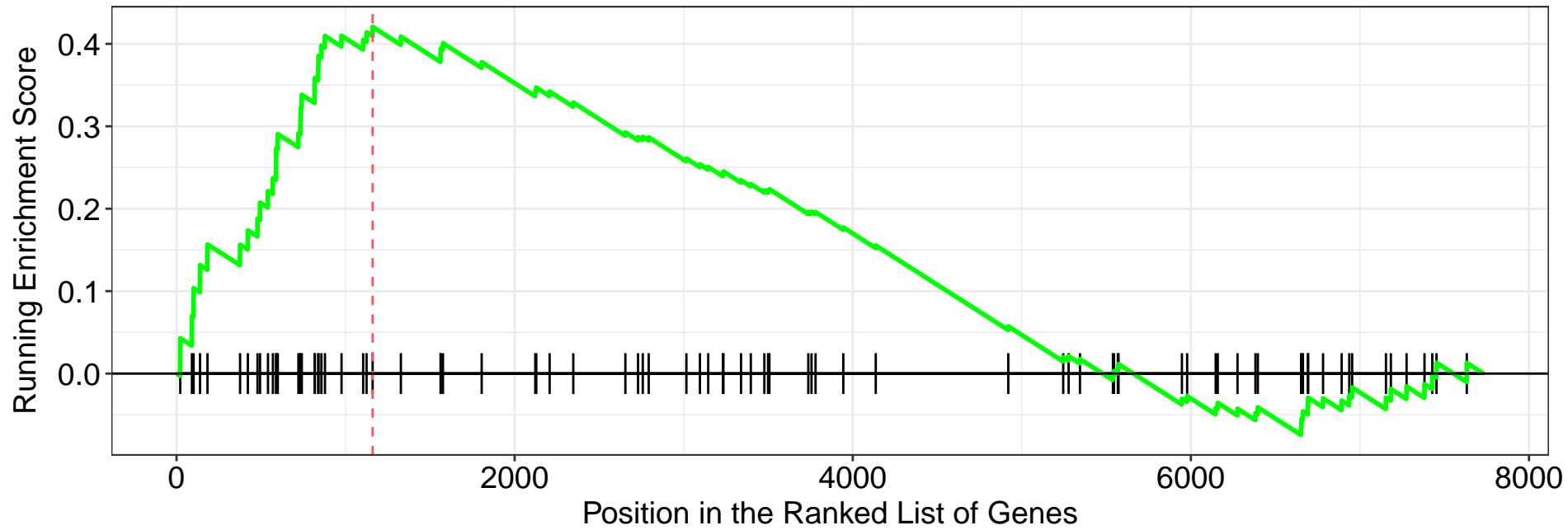
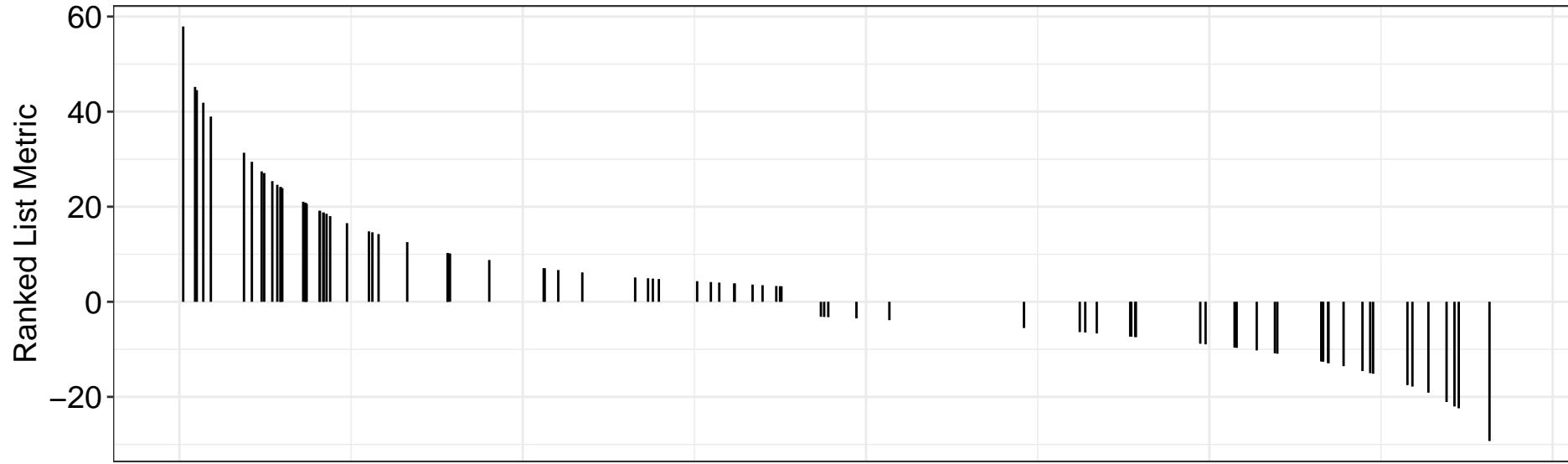
# negative regulation of CD4-positive, alpha-beta T cell activation



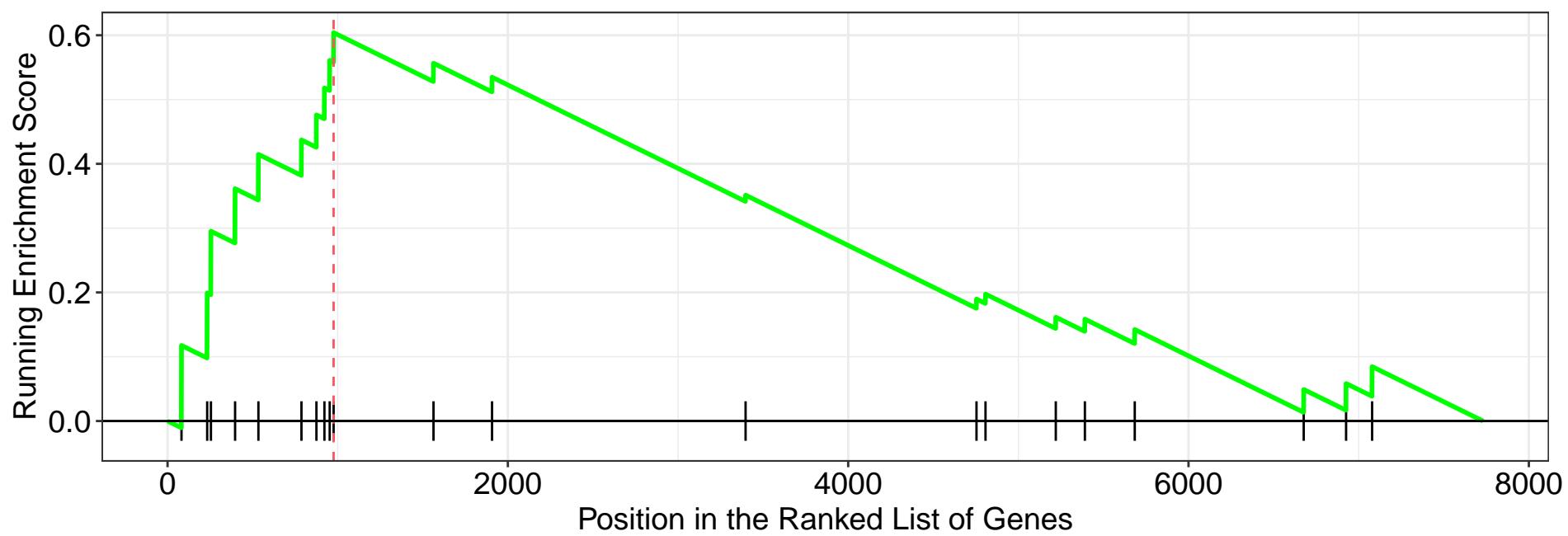
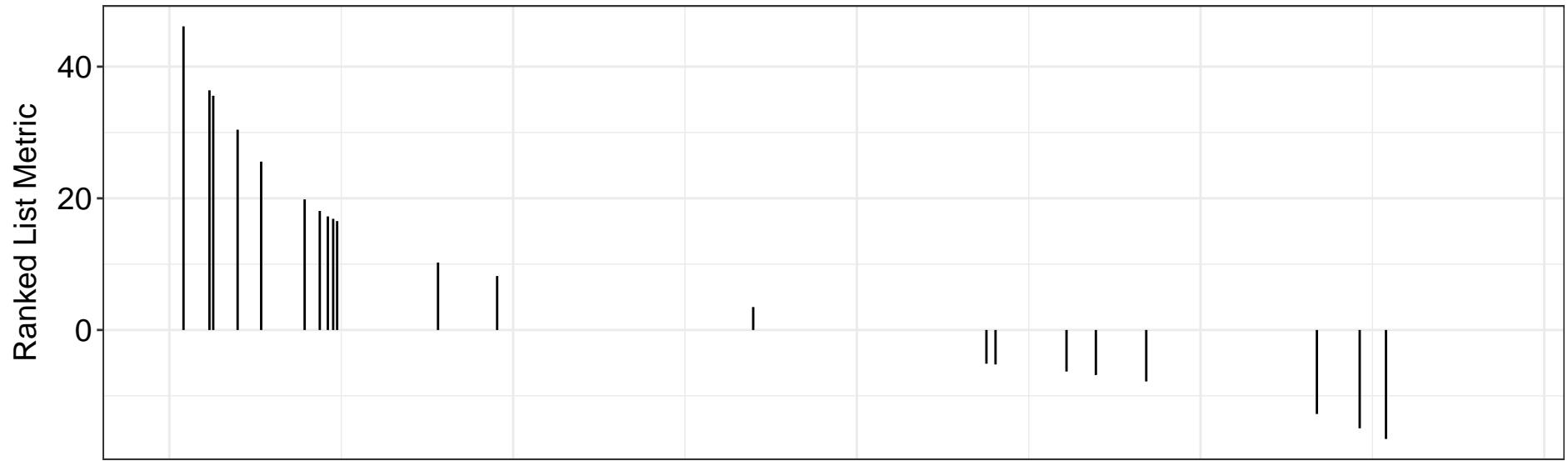
# negative regulation of leukocyte chemotaxis



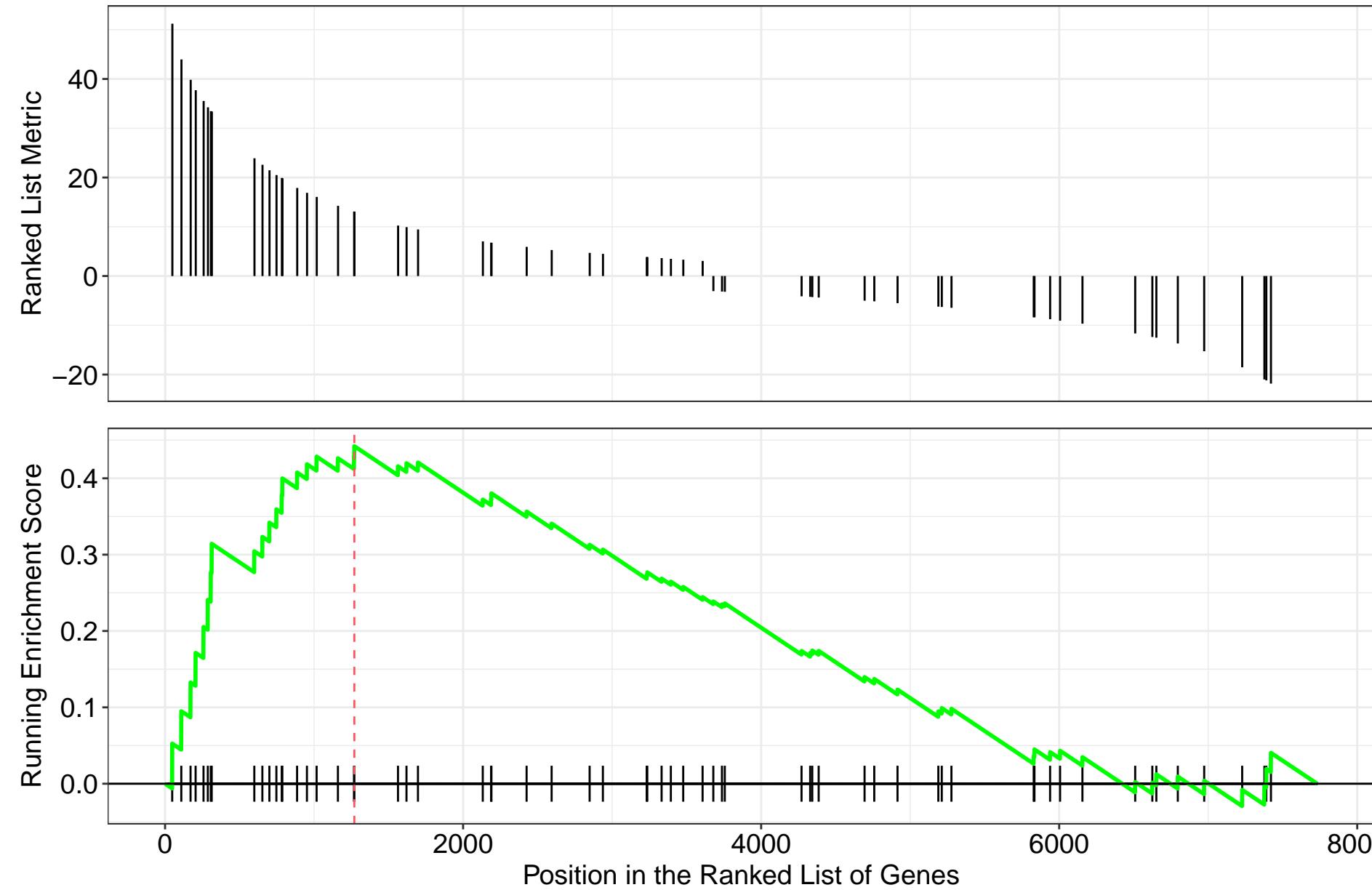
# positive regulation of epithelial cell proliferation



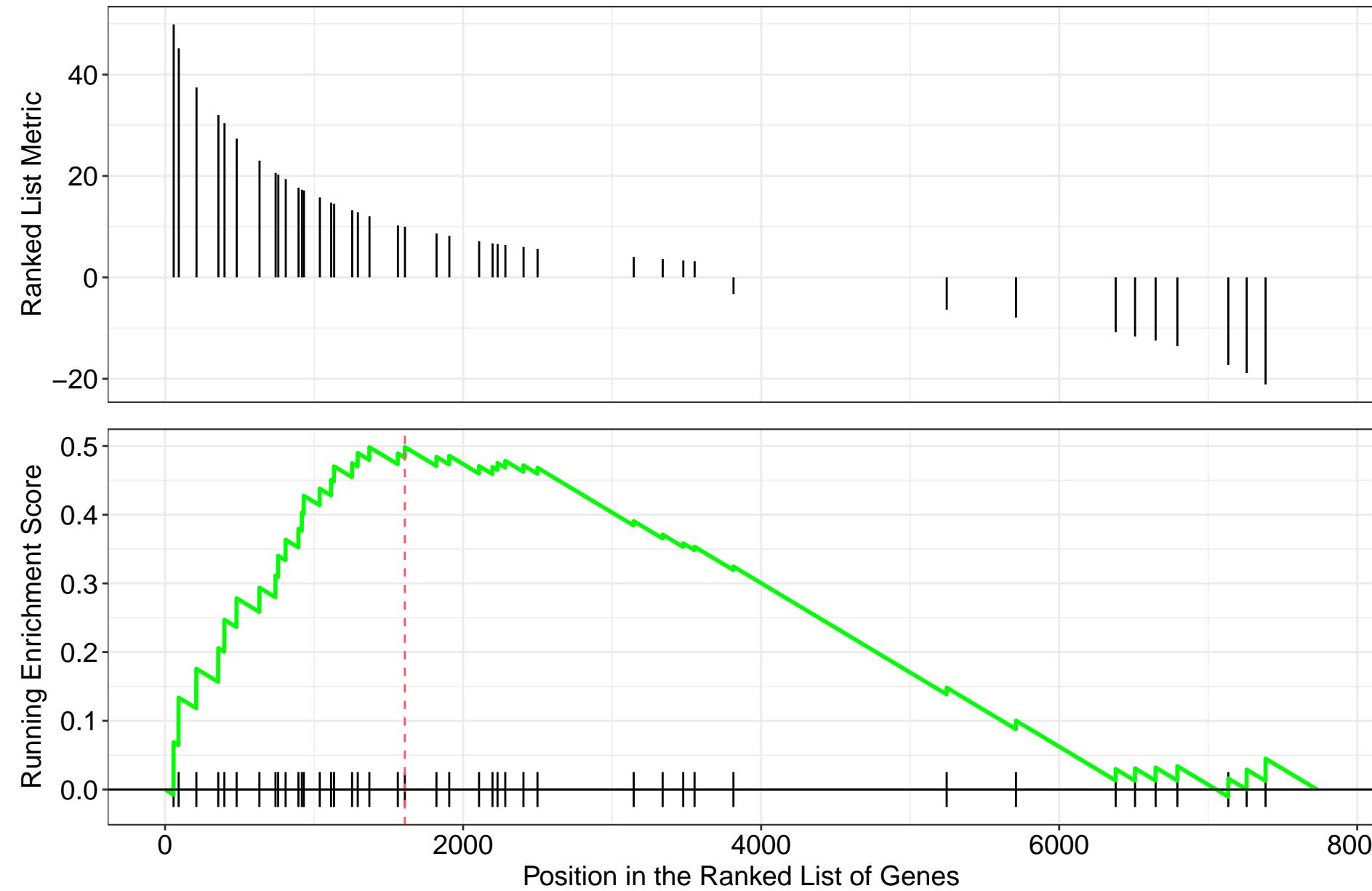
# negative regulation of cell–substrate adhesion



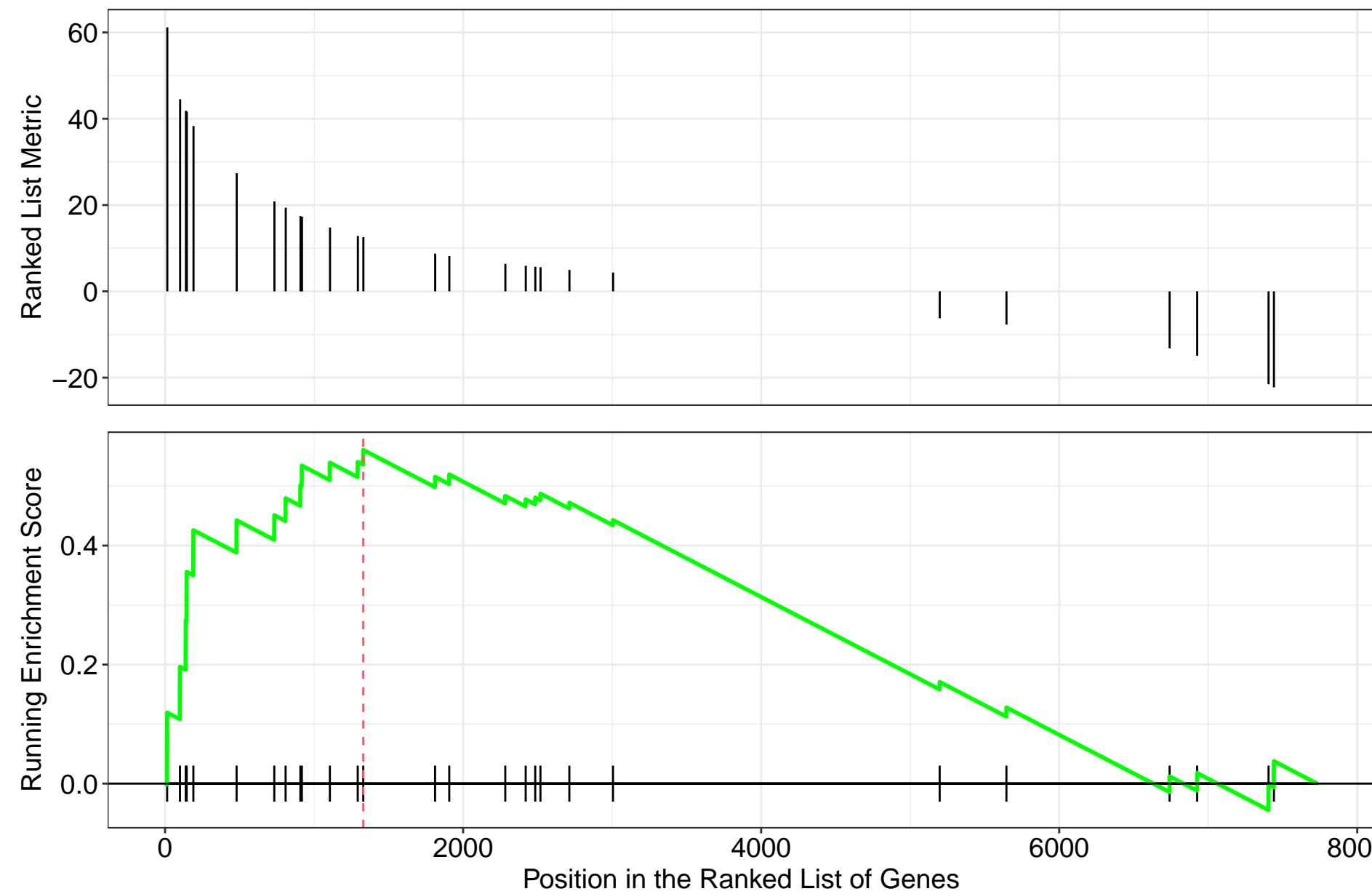
# cardiocyte differentiation



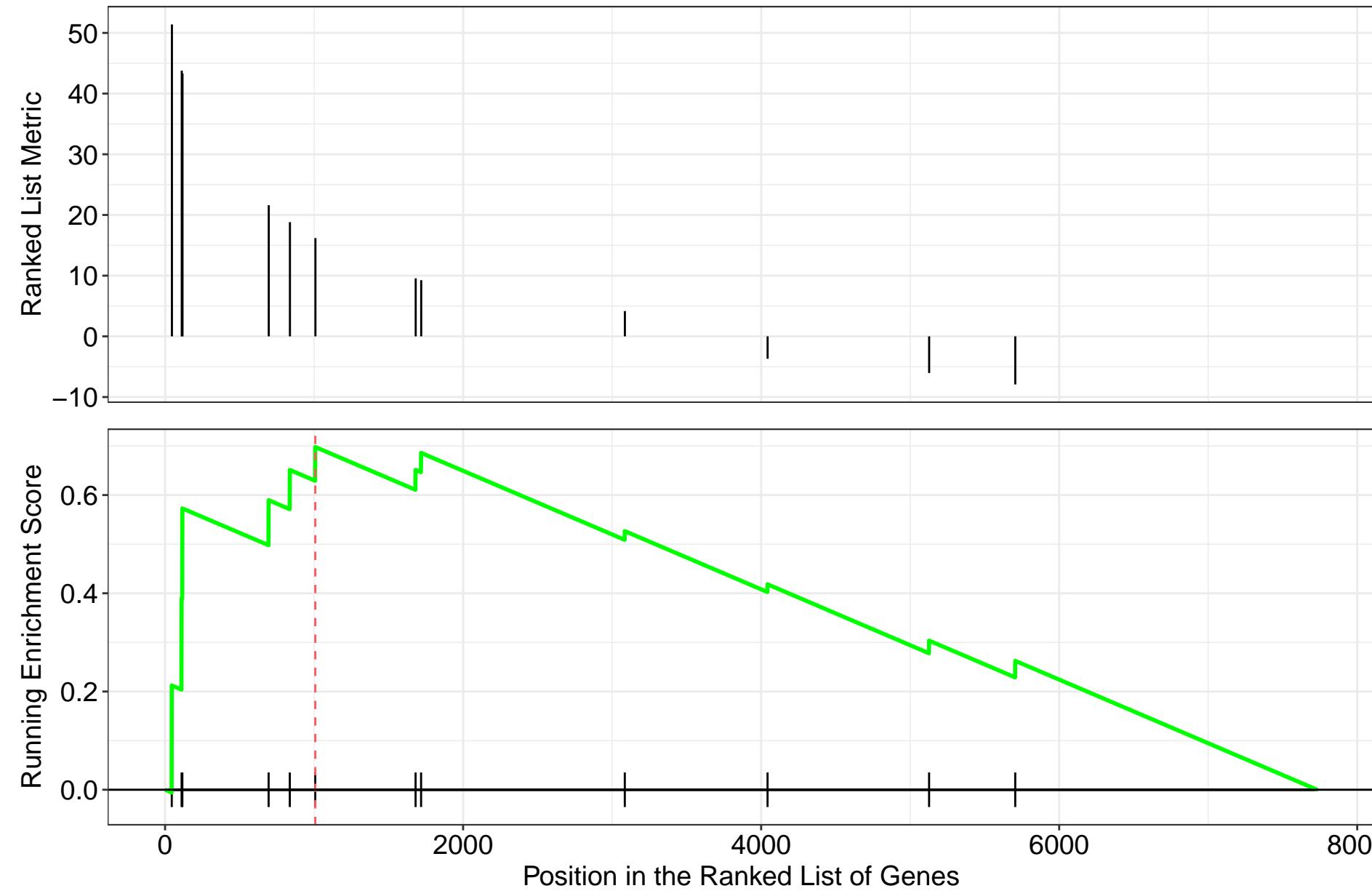
# alpha–beta T cell activation involved in immune response



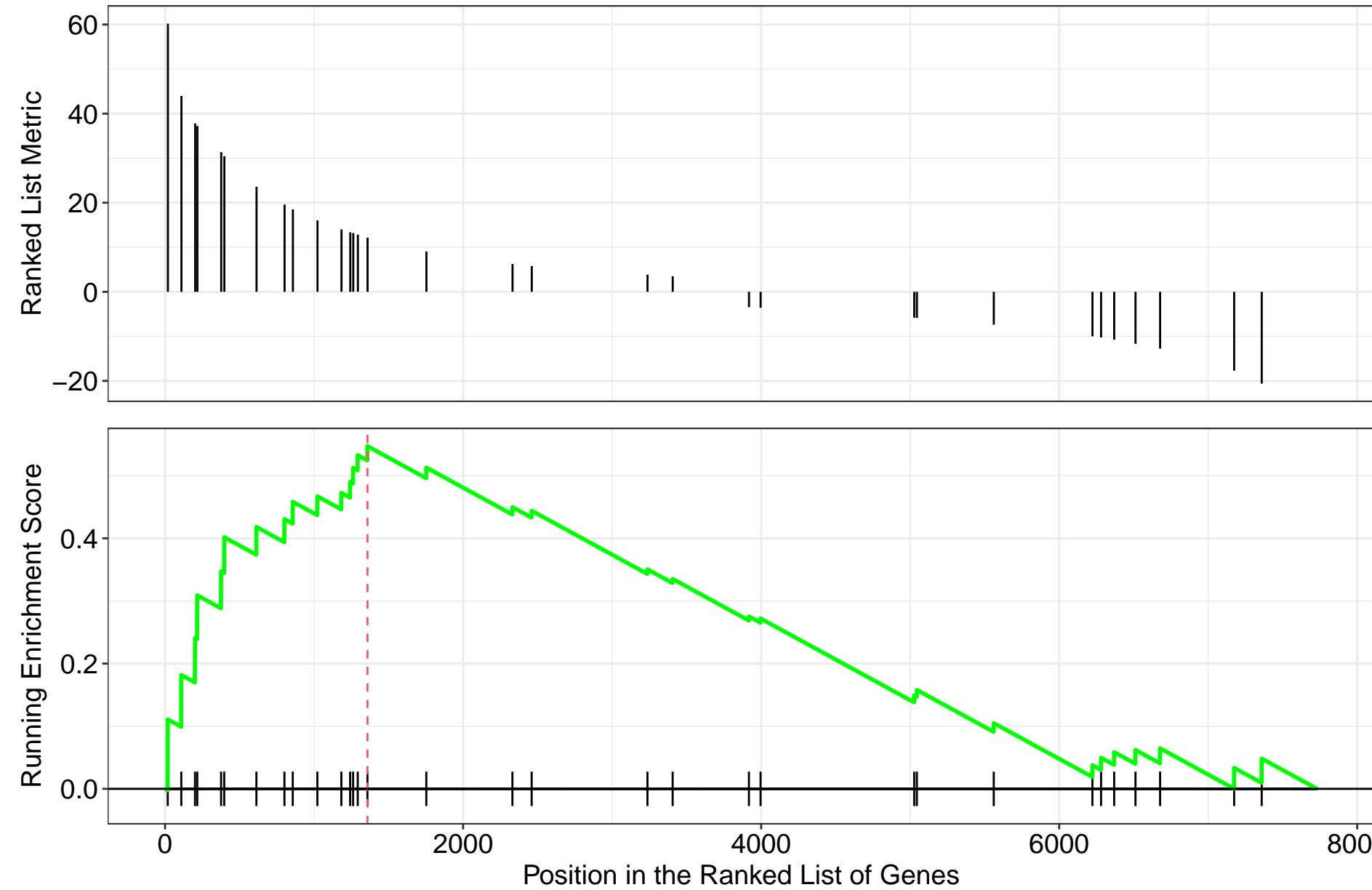
# negative regulation of adaptive immune response



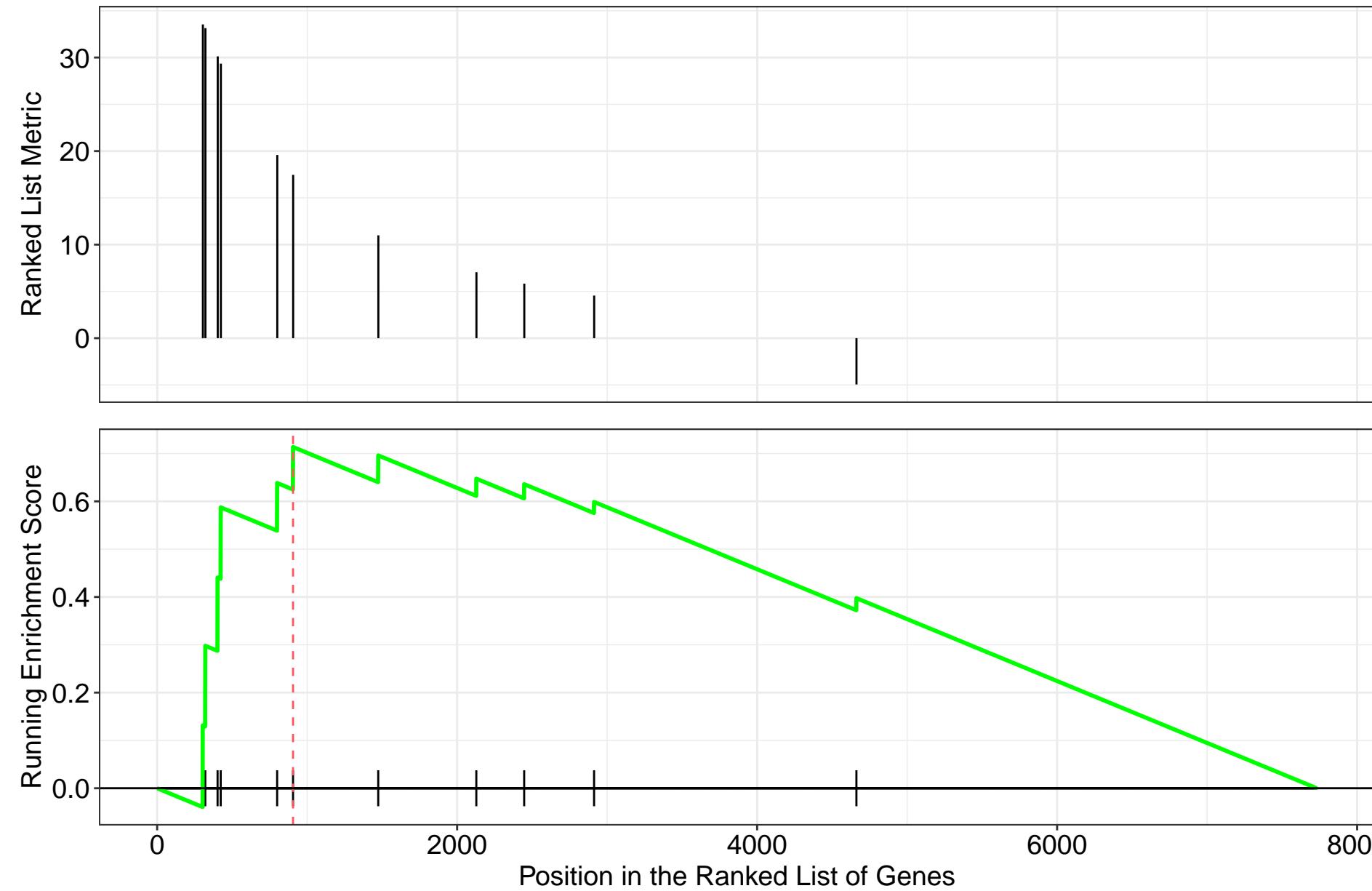
# ribonucleoside monophosphate catabolic process



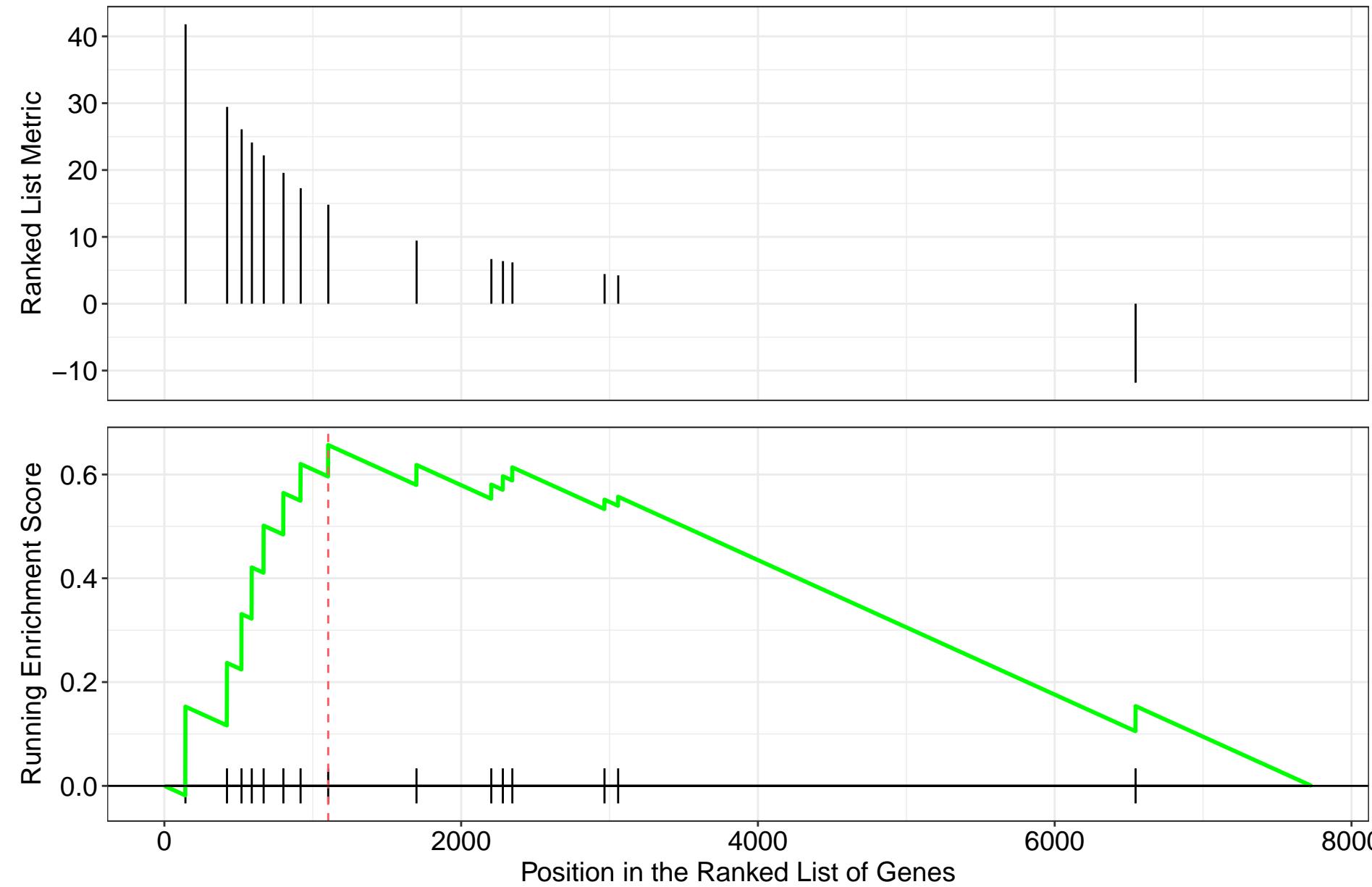
# membrane depolarization



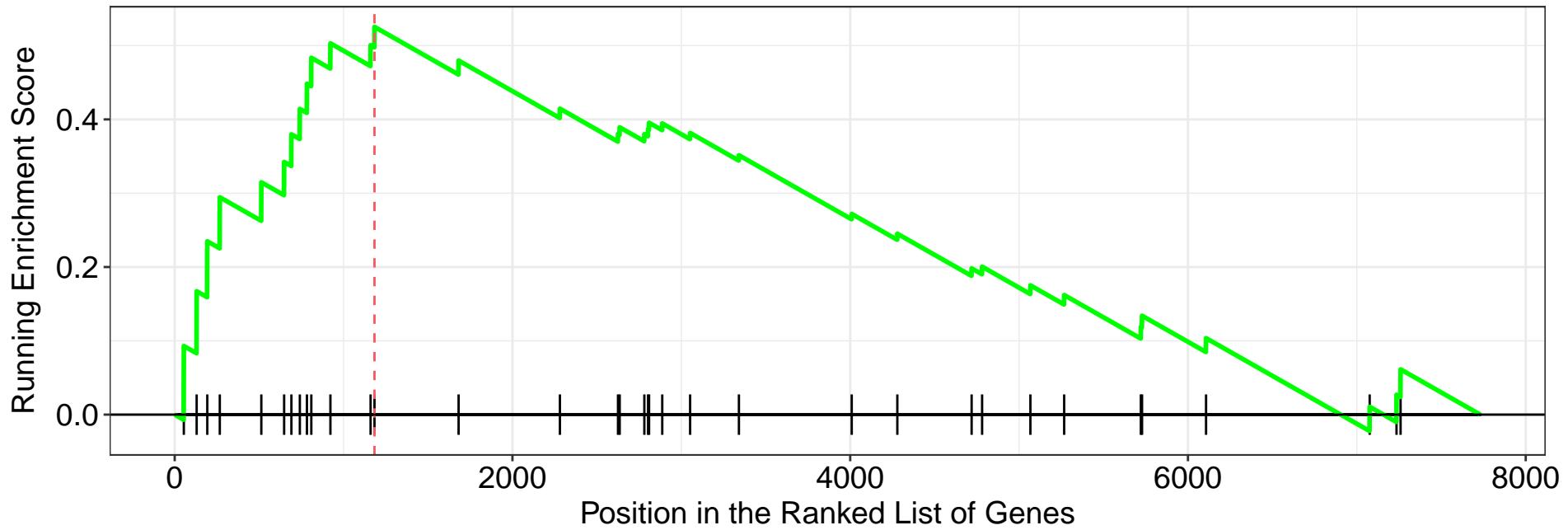
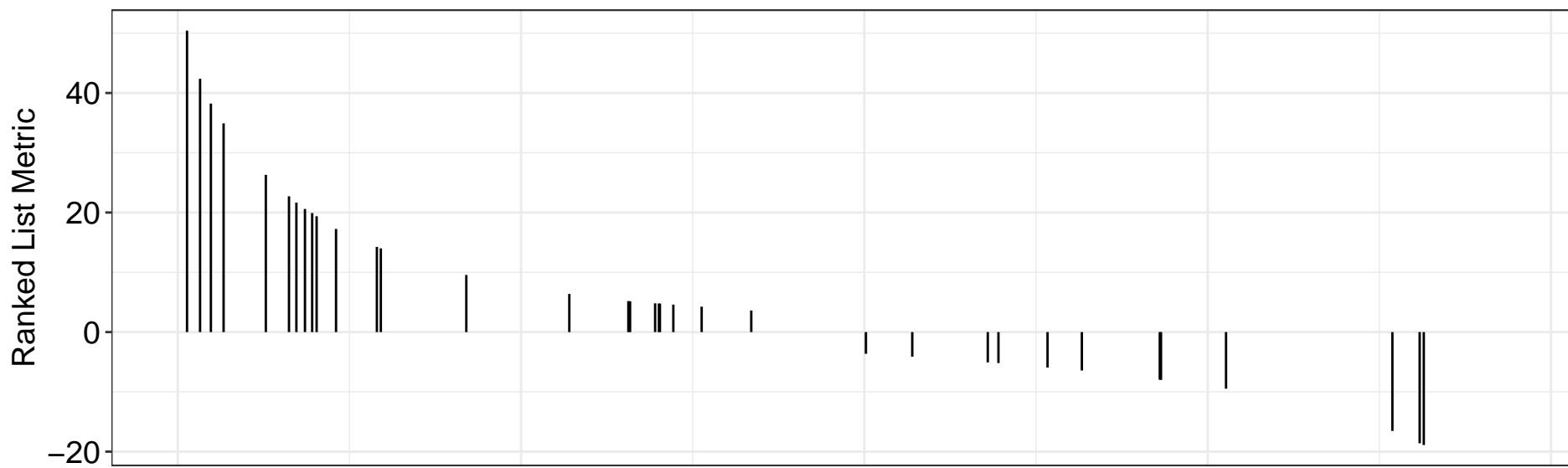
# endoderm formation



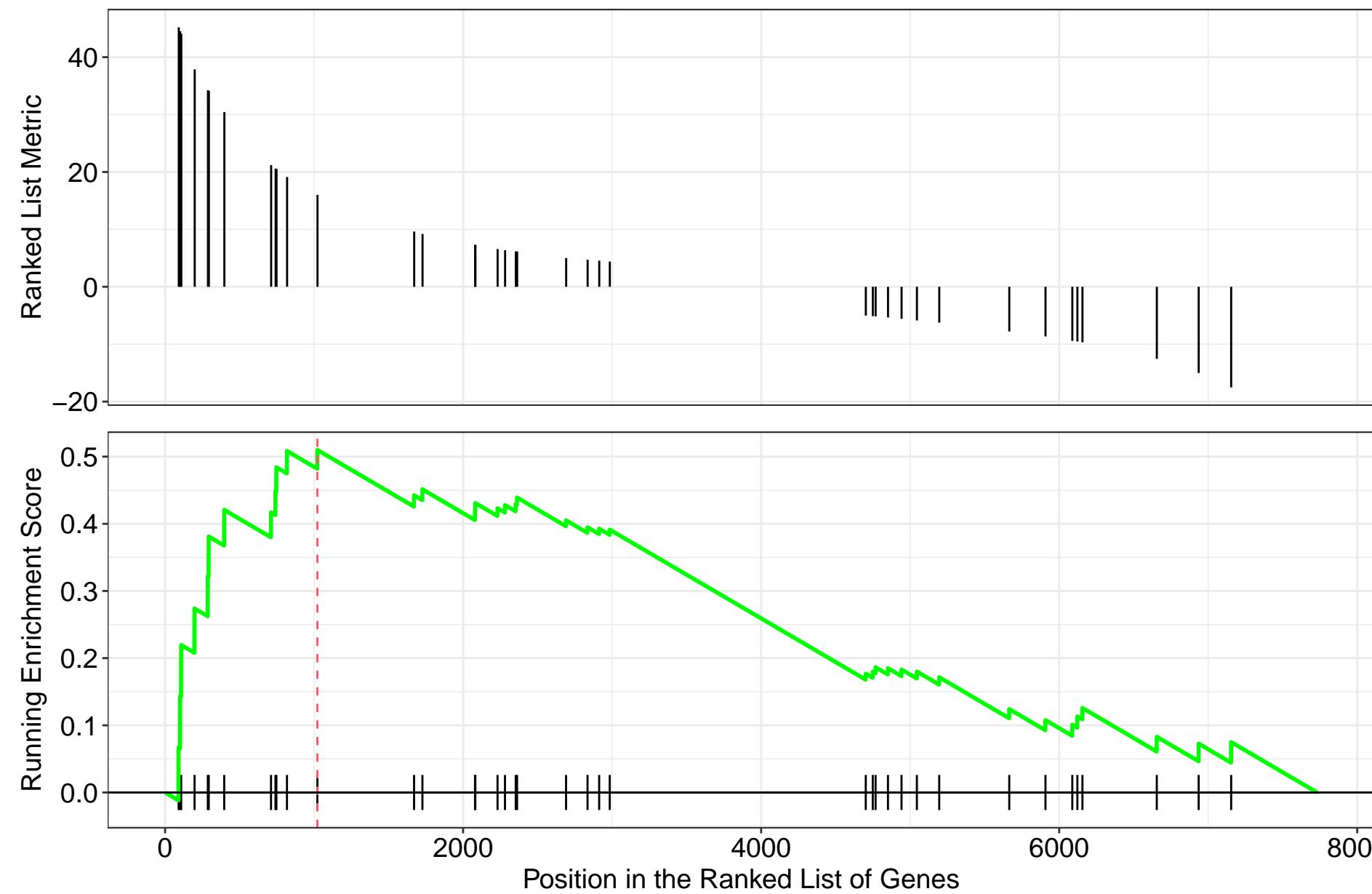
# positive regulation of mast cell activation



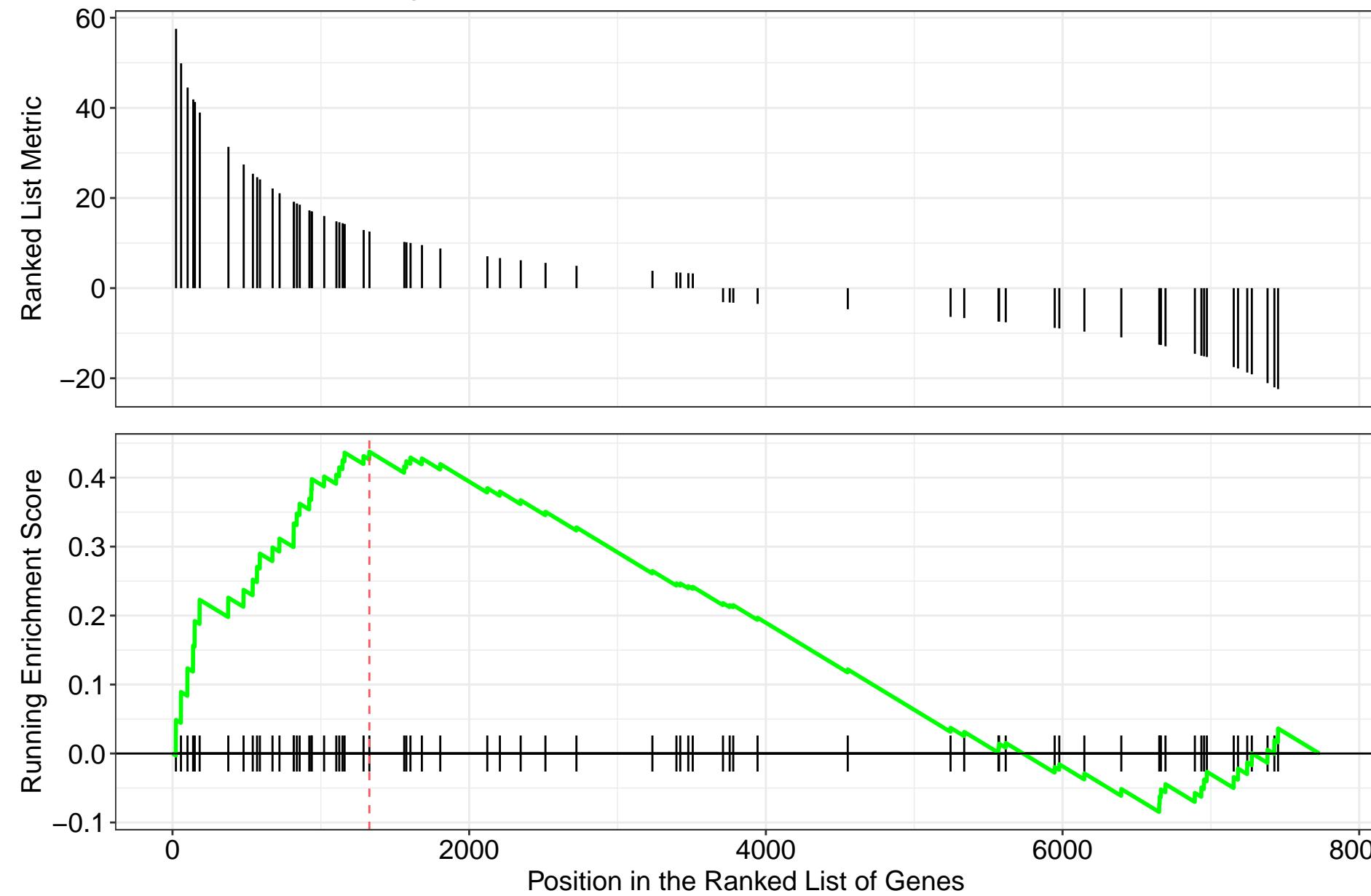
# positive regulation of reactive oxygen species metabolic process



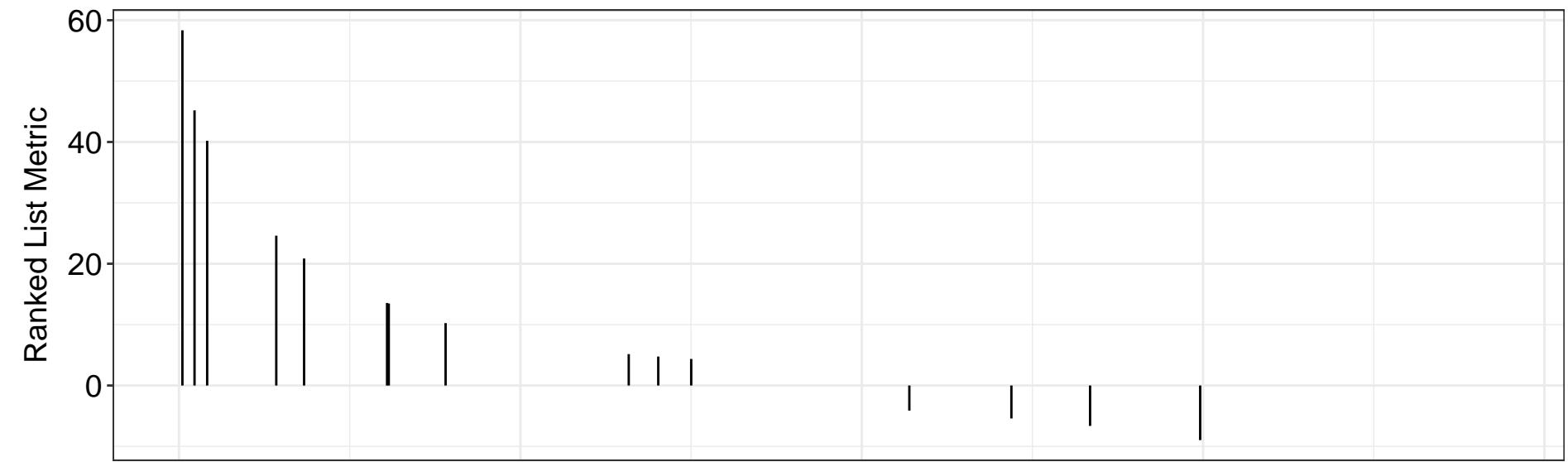
# regulation of tissue remodeling



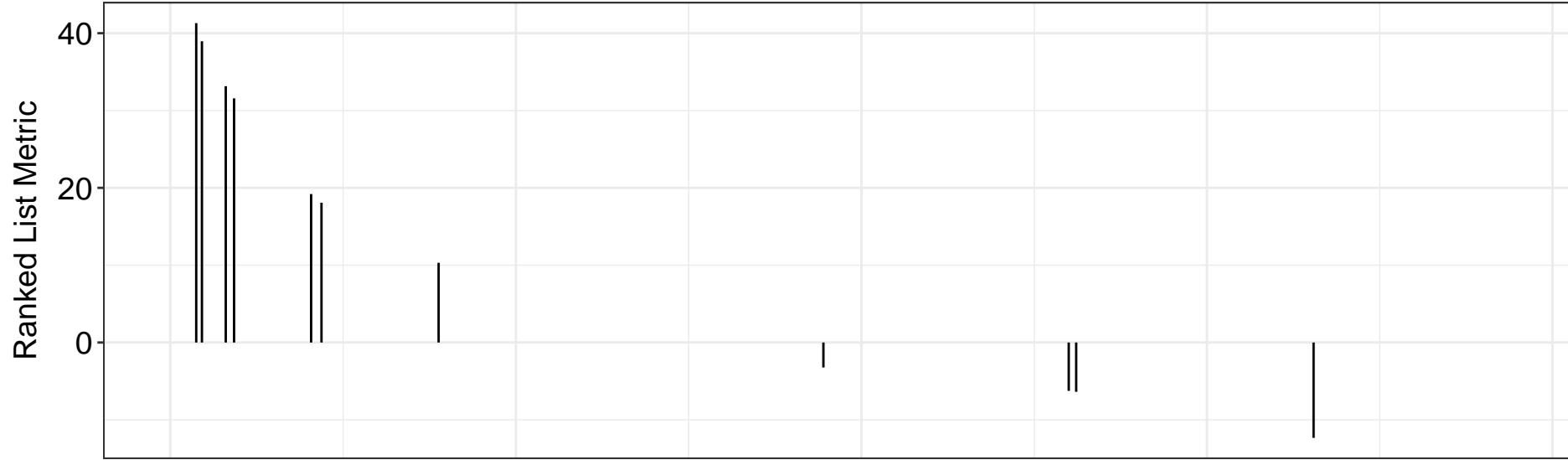
# regulation of endothelial cell proliferation



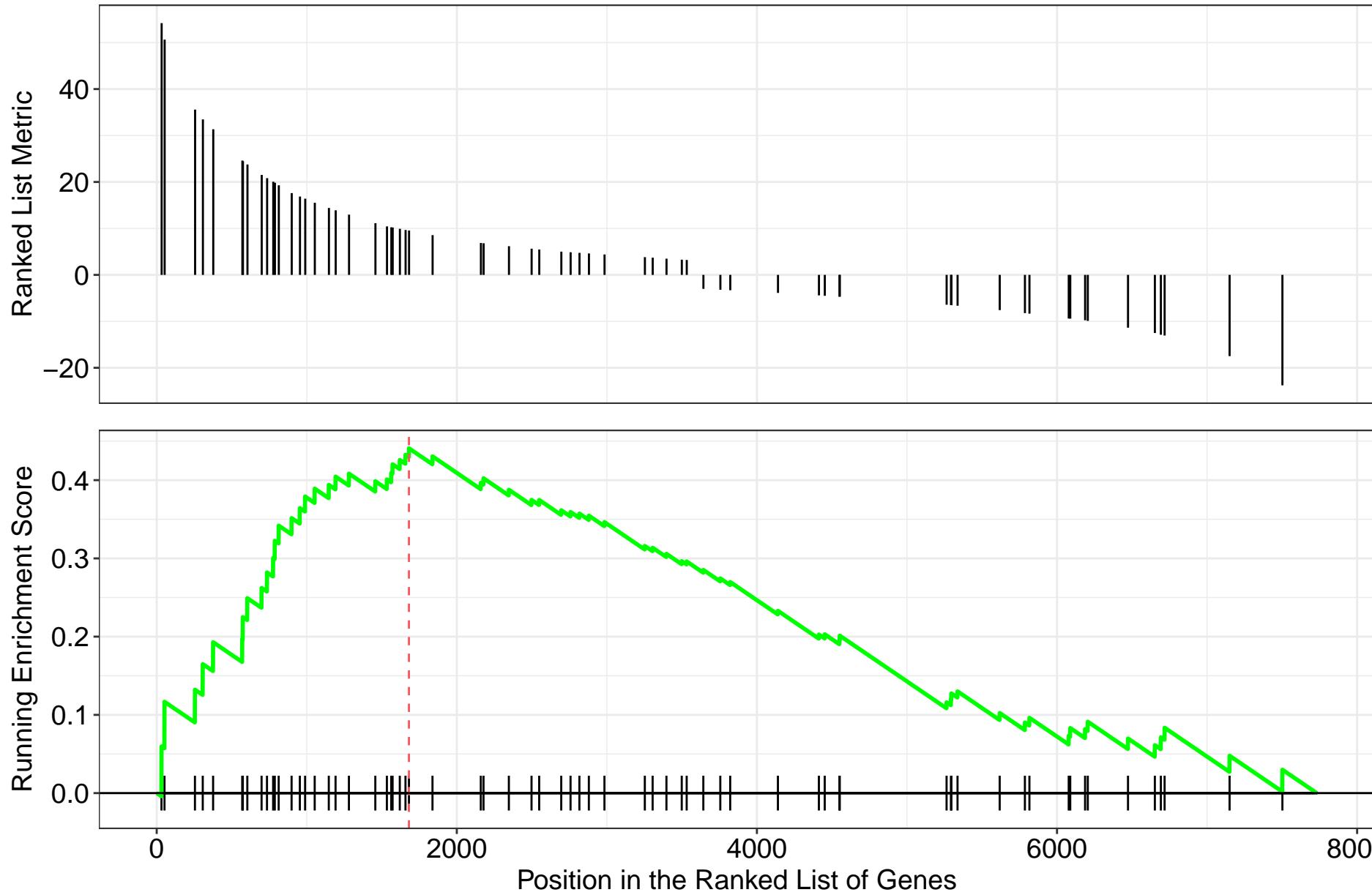
# positive regulation of cytokine production involved in inflammatory response



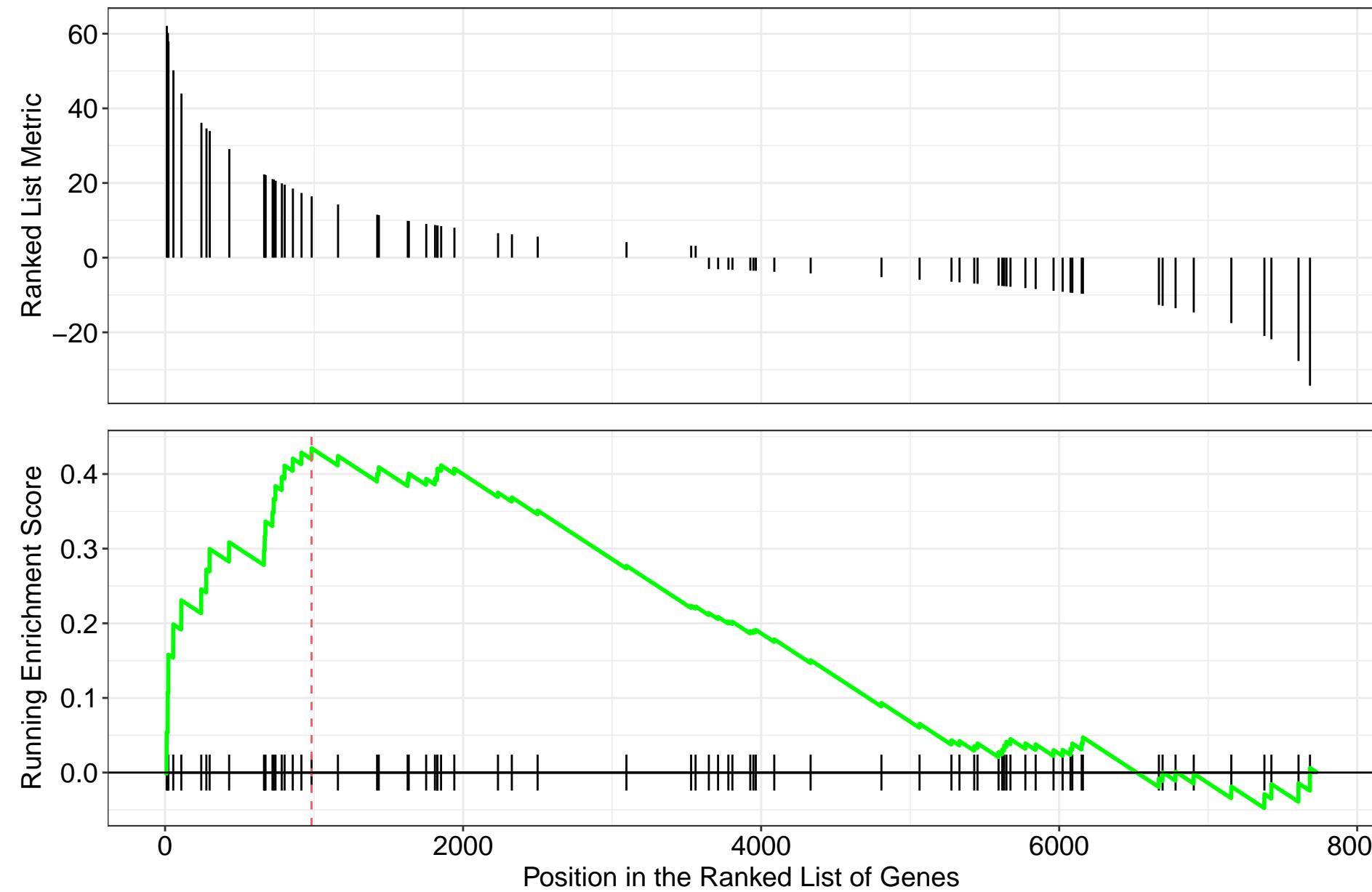
# negative regulation of mononuclear cell migration



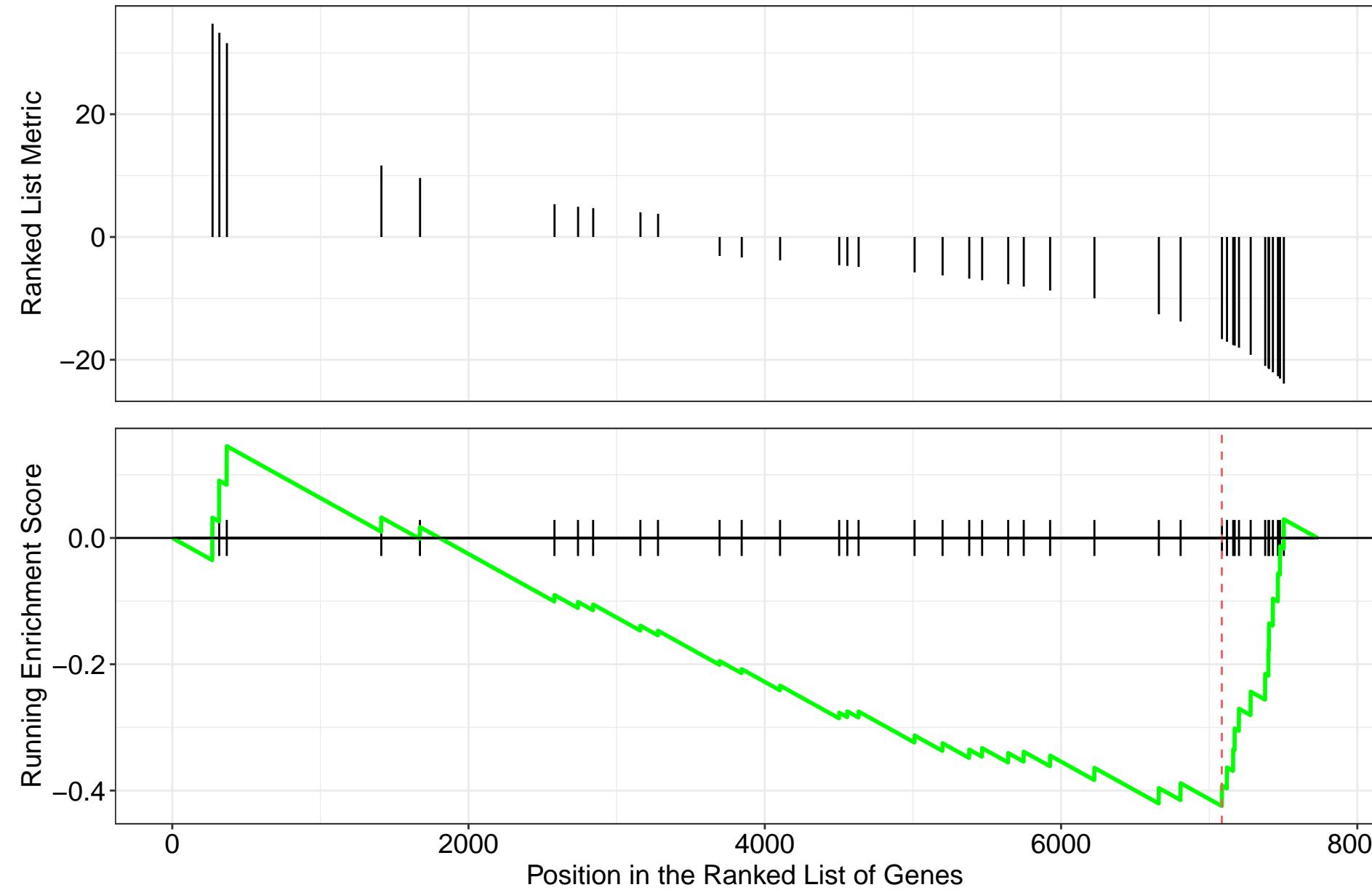
# regulation of epithelial cell differentiation



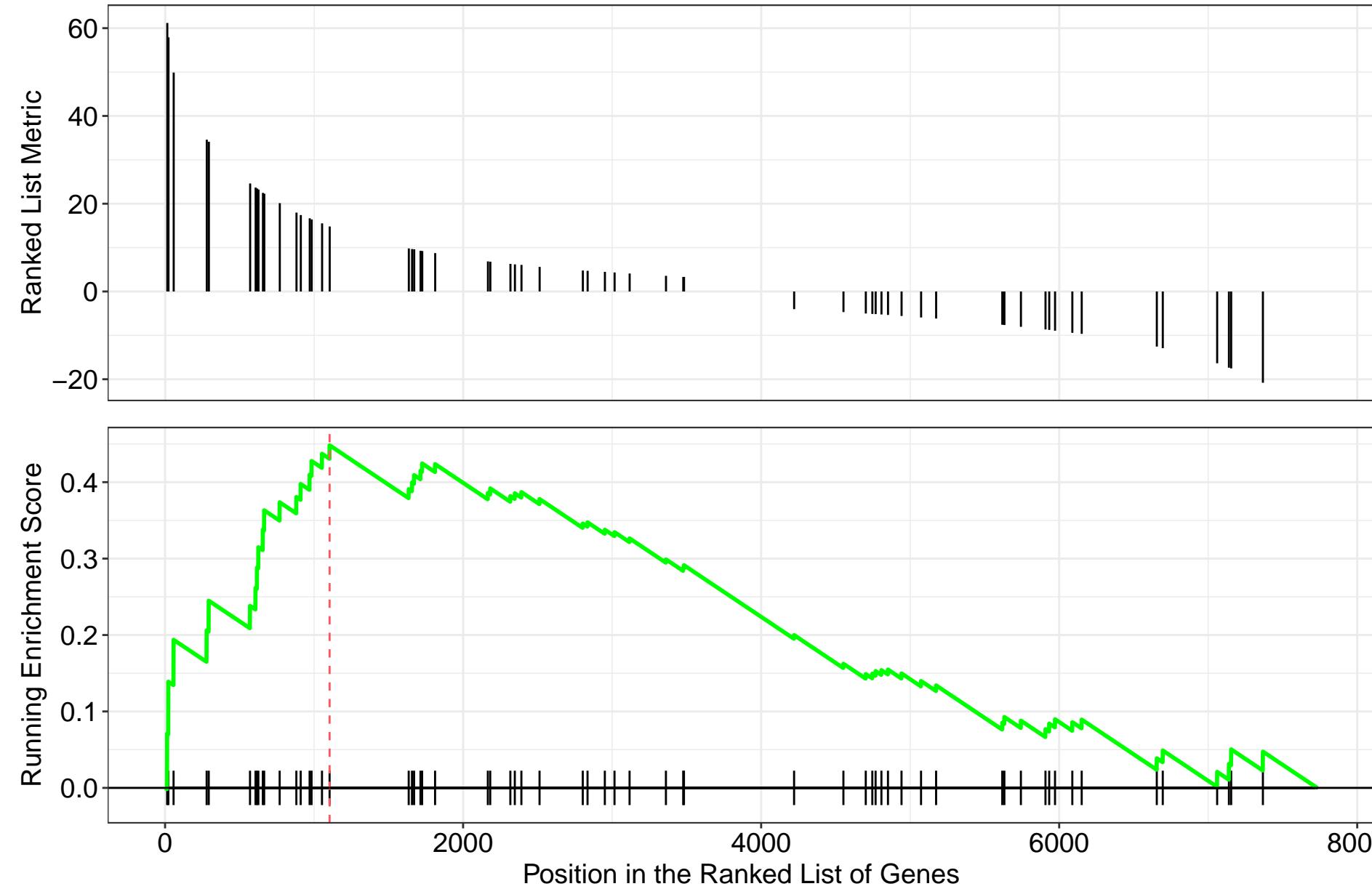
# inositol lipid-mediated signaling



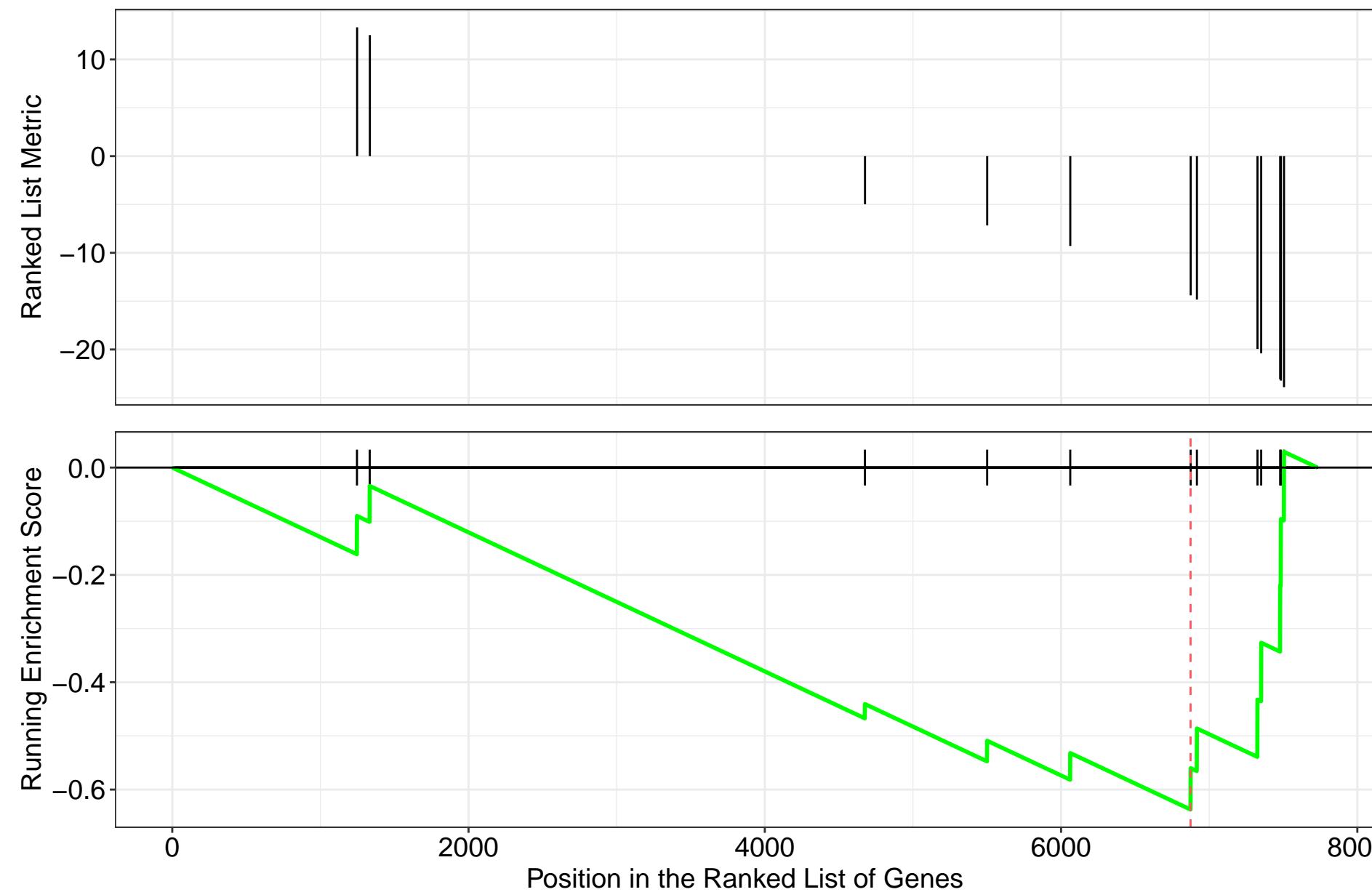
# mitotic spindle assembly



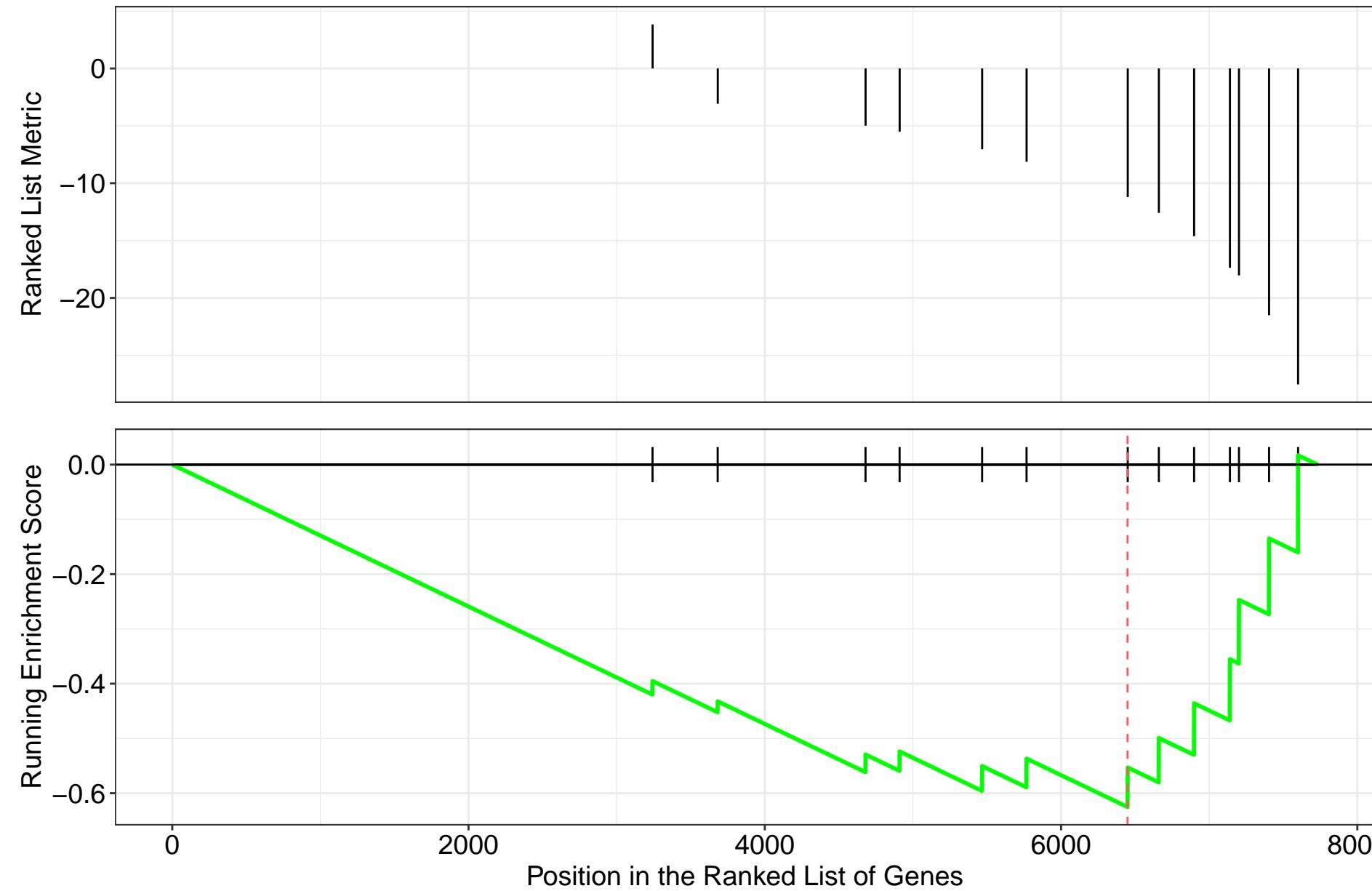
# regulation of myeloid leukocyte differentiation



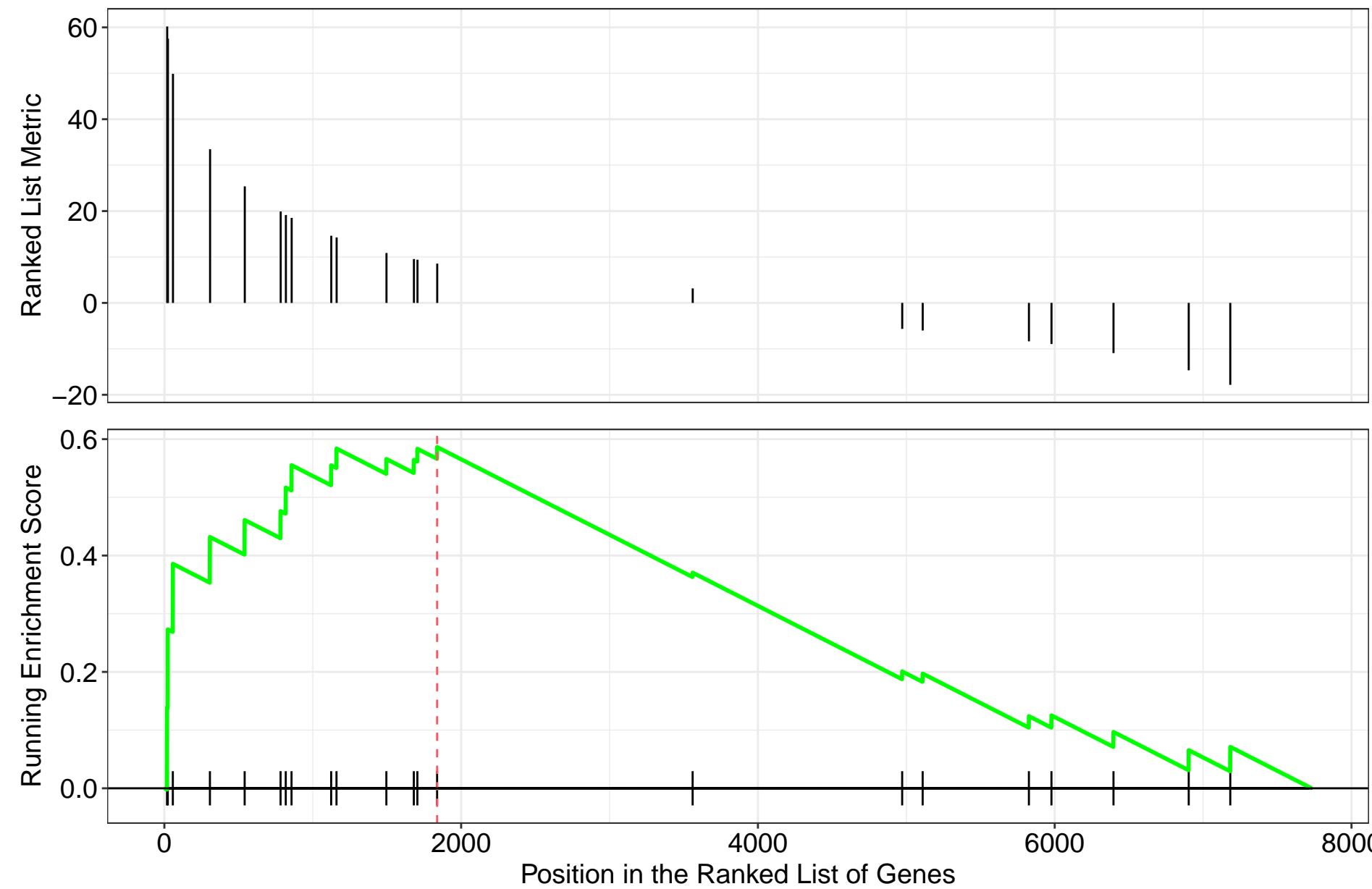
# aminoglycan catabolic process



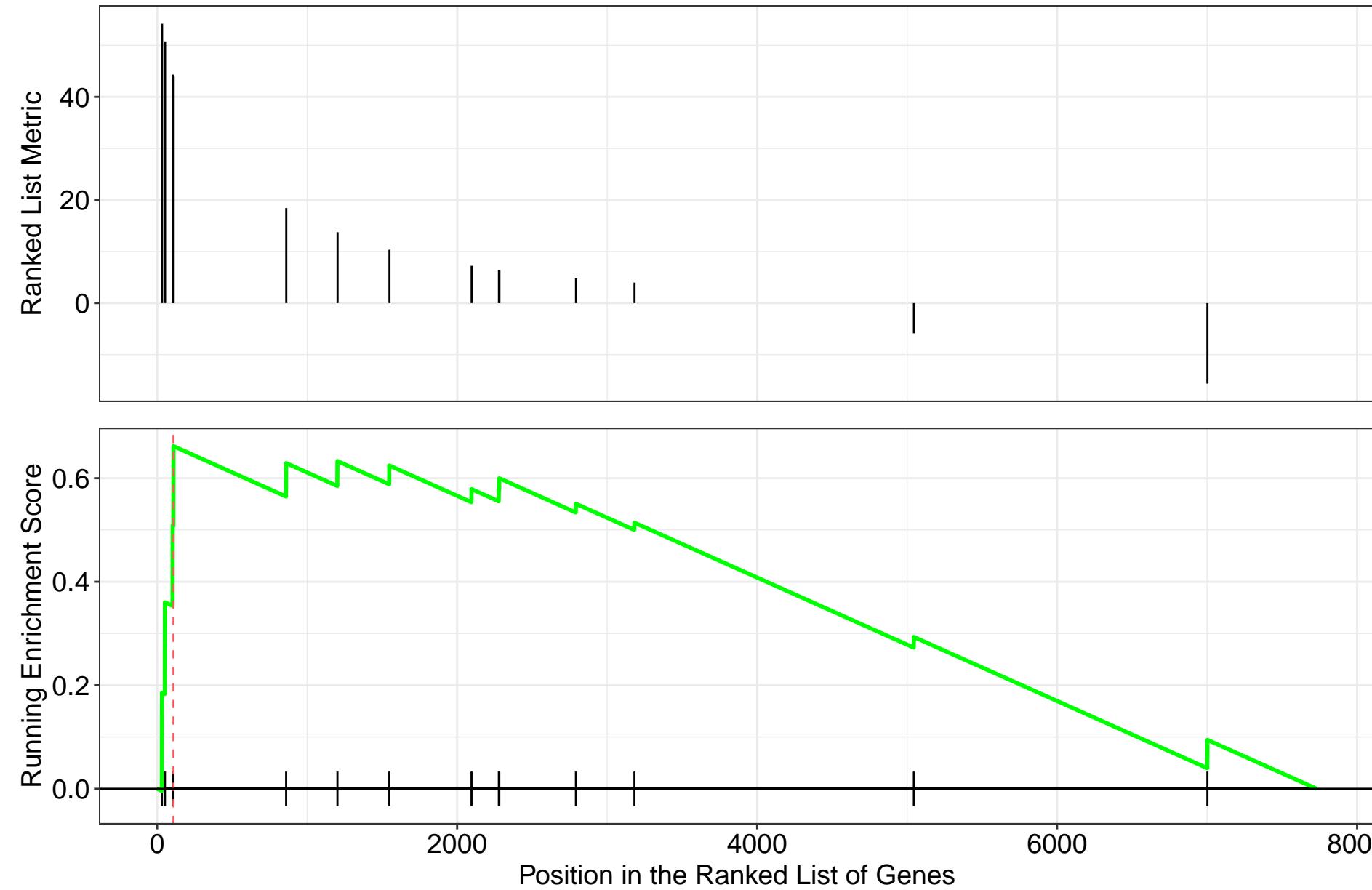
# positive regulation of cell cycle checkpoint



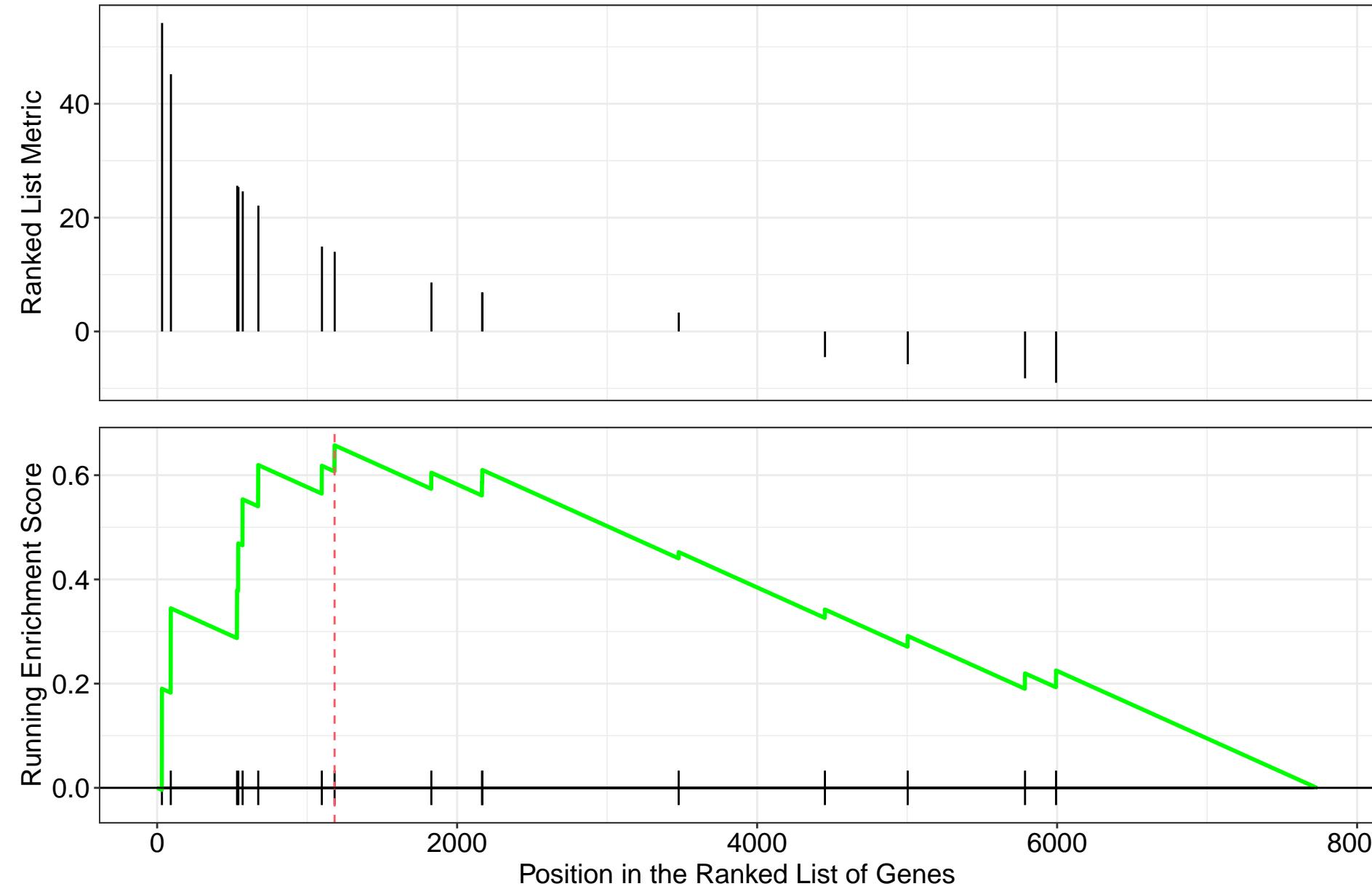
# vascular endothelial growth factor signaling pathway



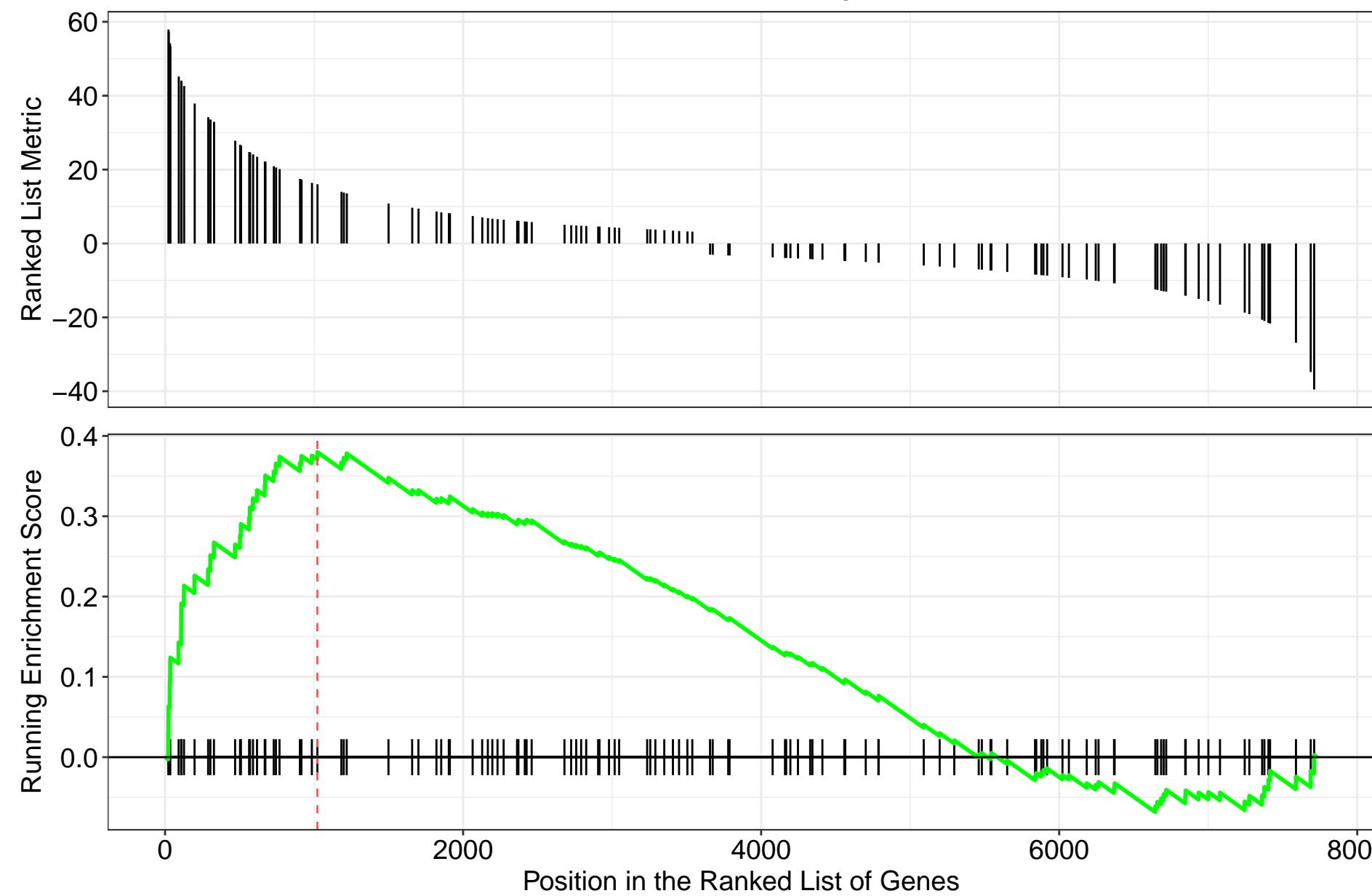
# regulation of icosanoid secretion



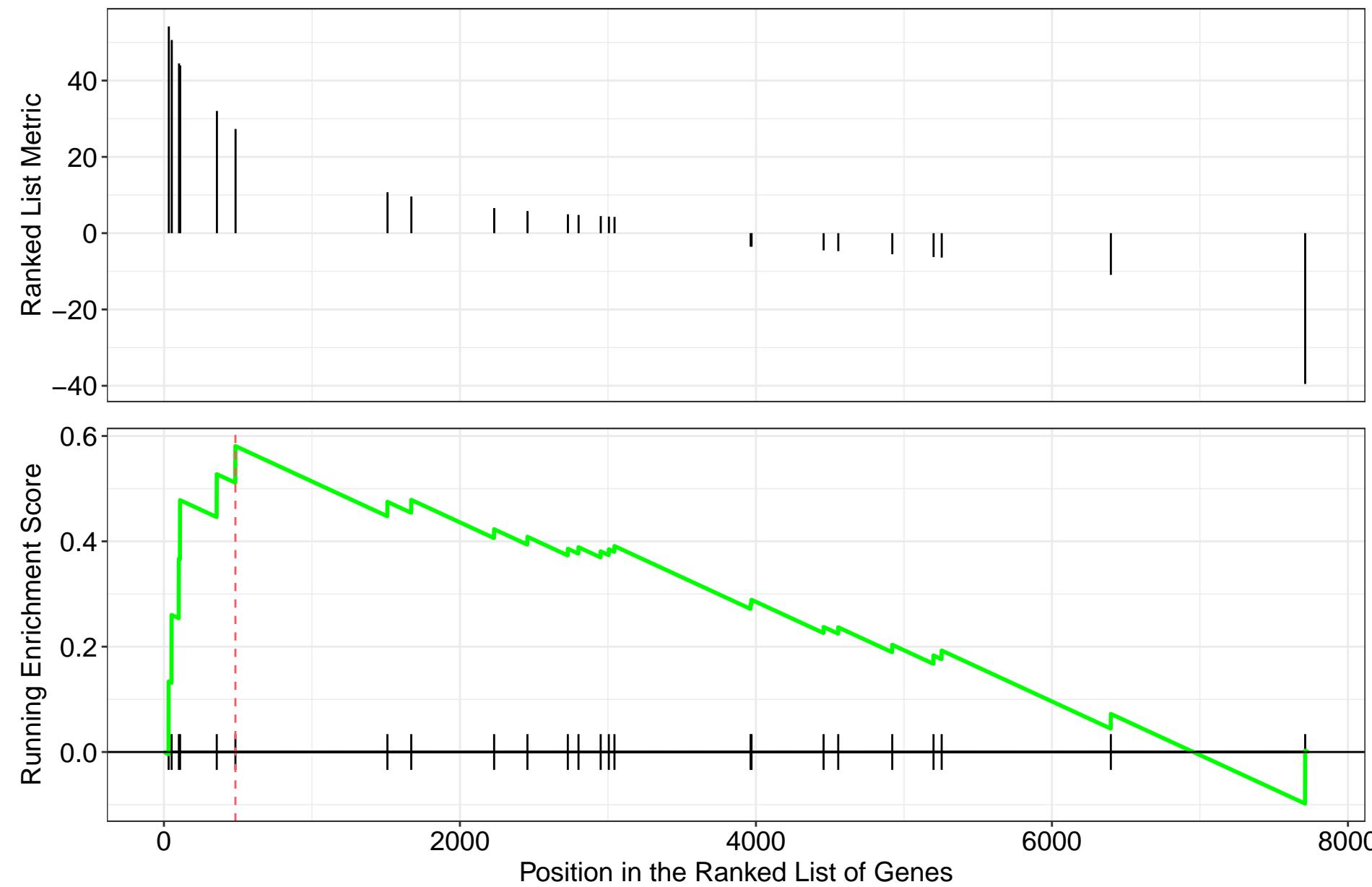
# positive regulation of glial cell proliferation



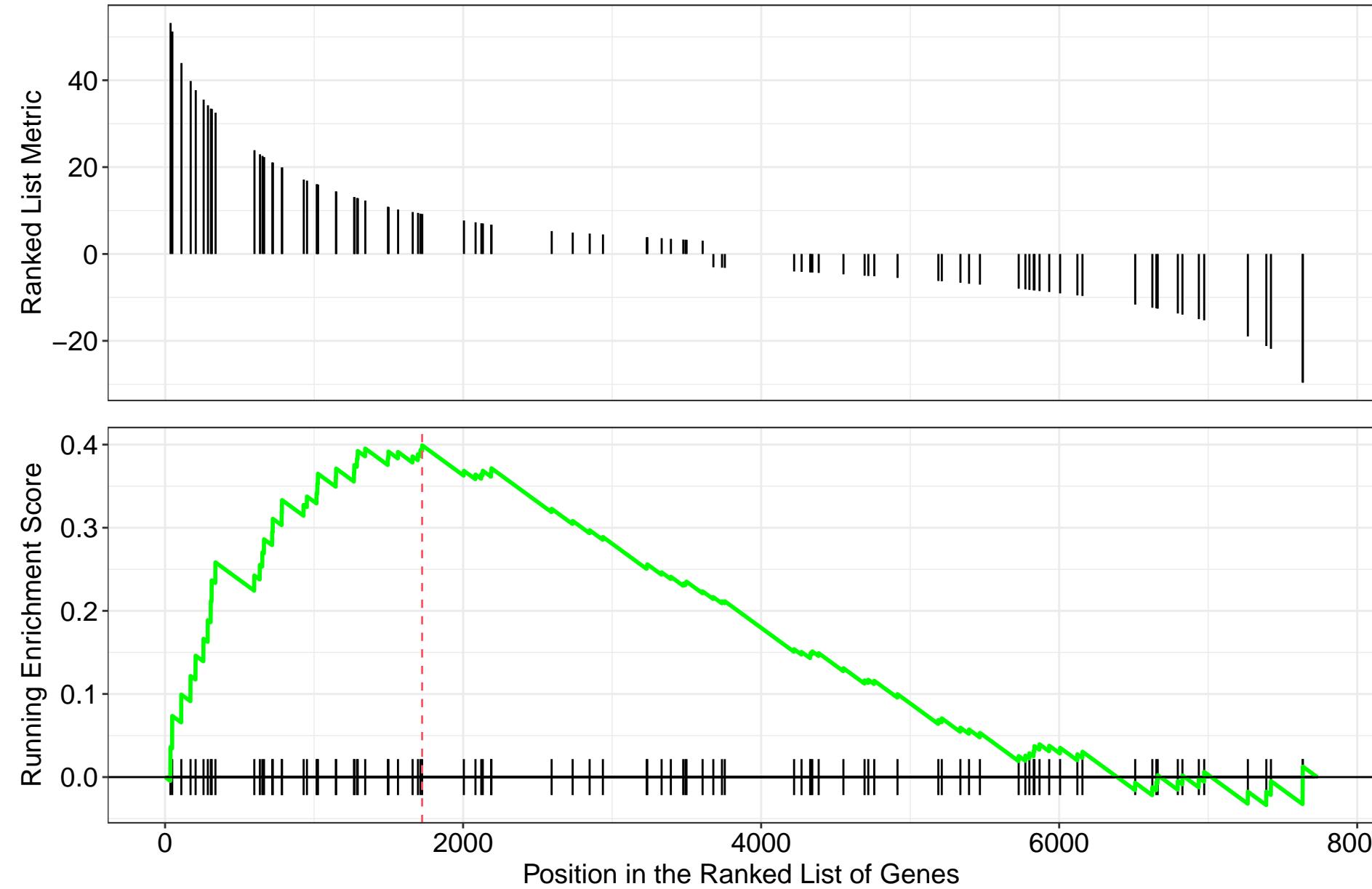
# hormone transport



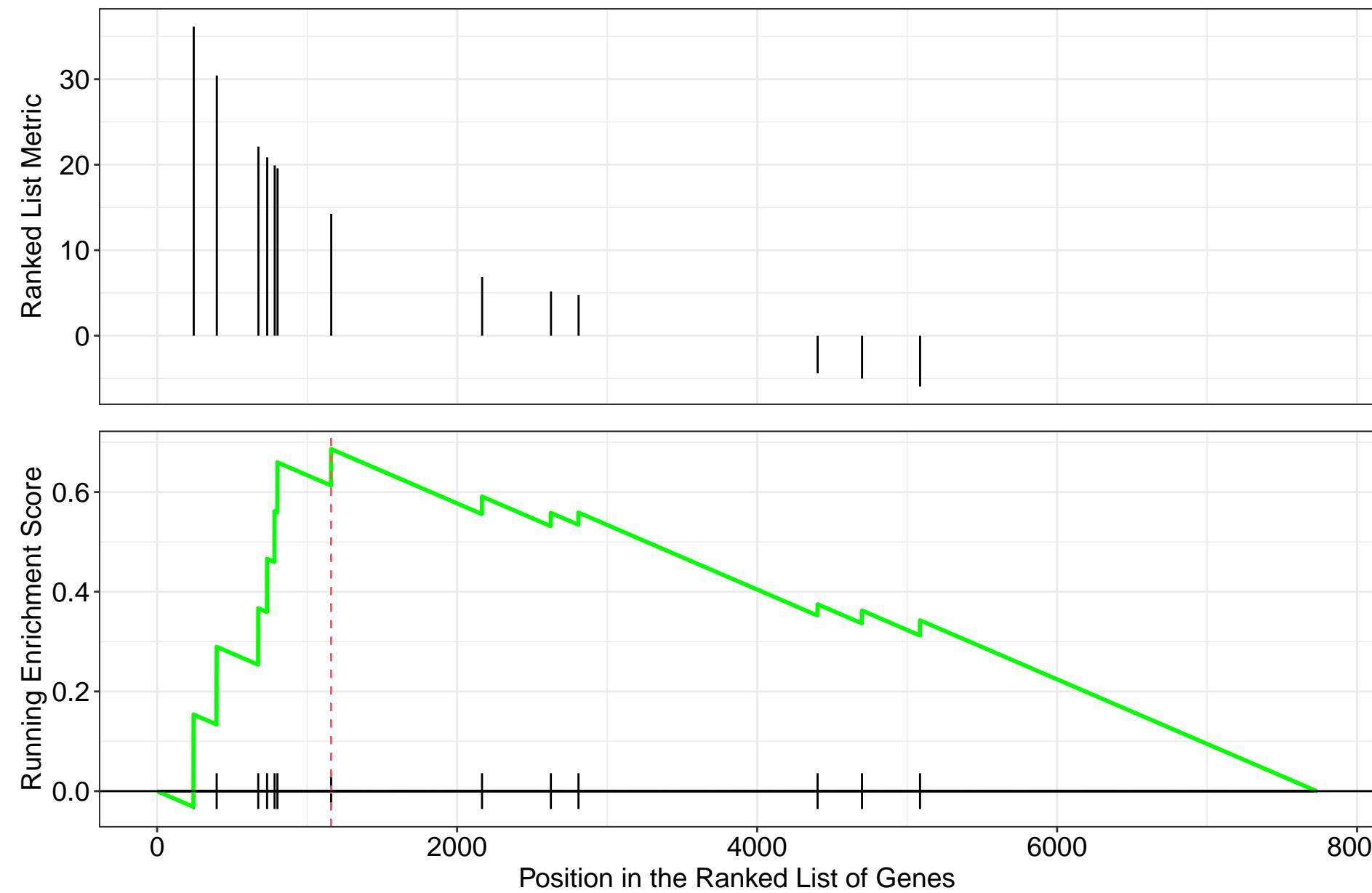
# positive regulation of neutrophil migration



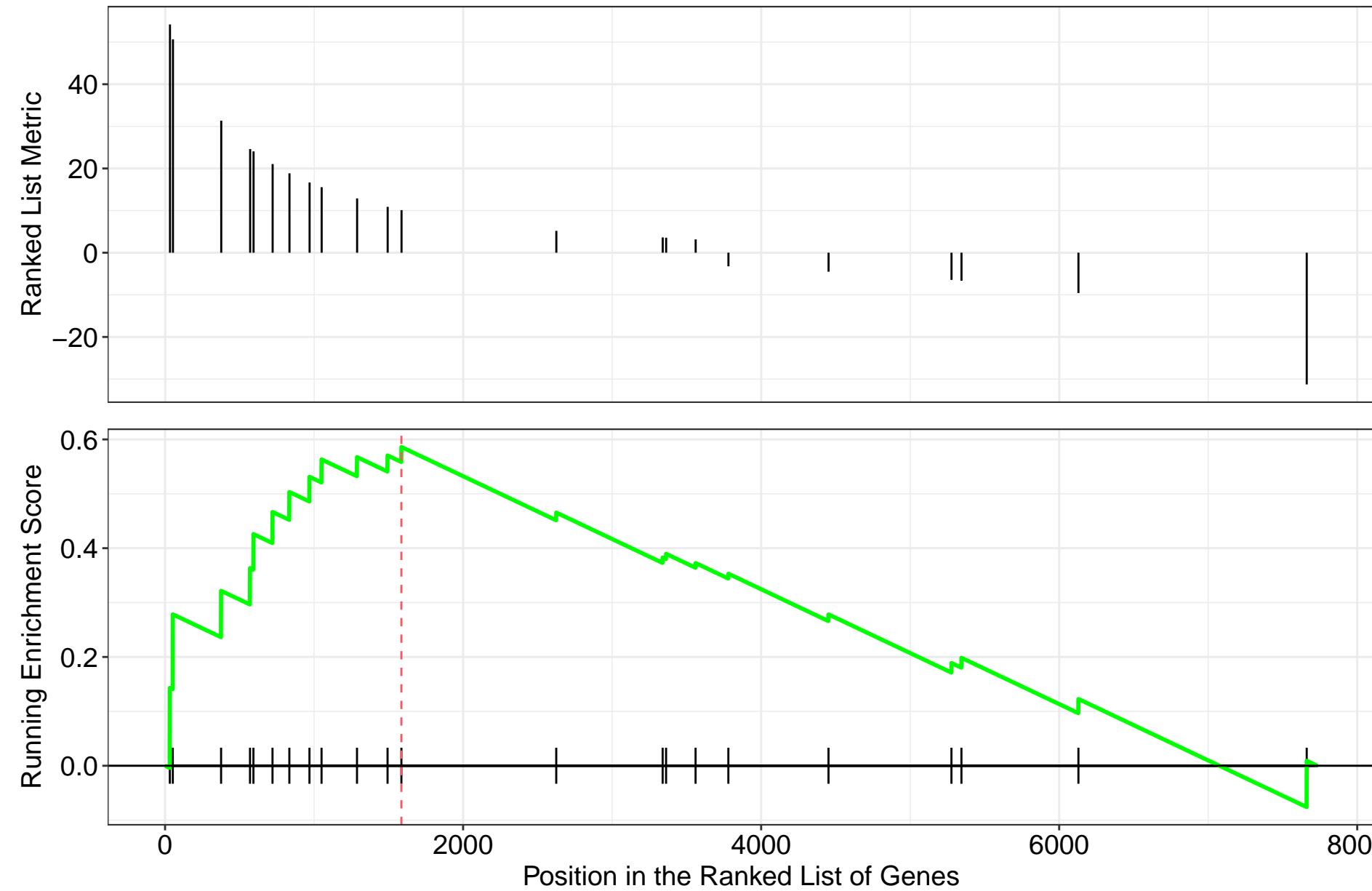
# striated muscle tissue development



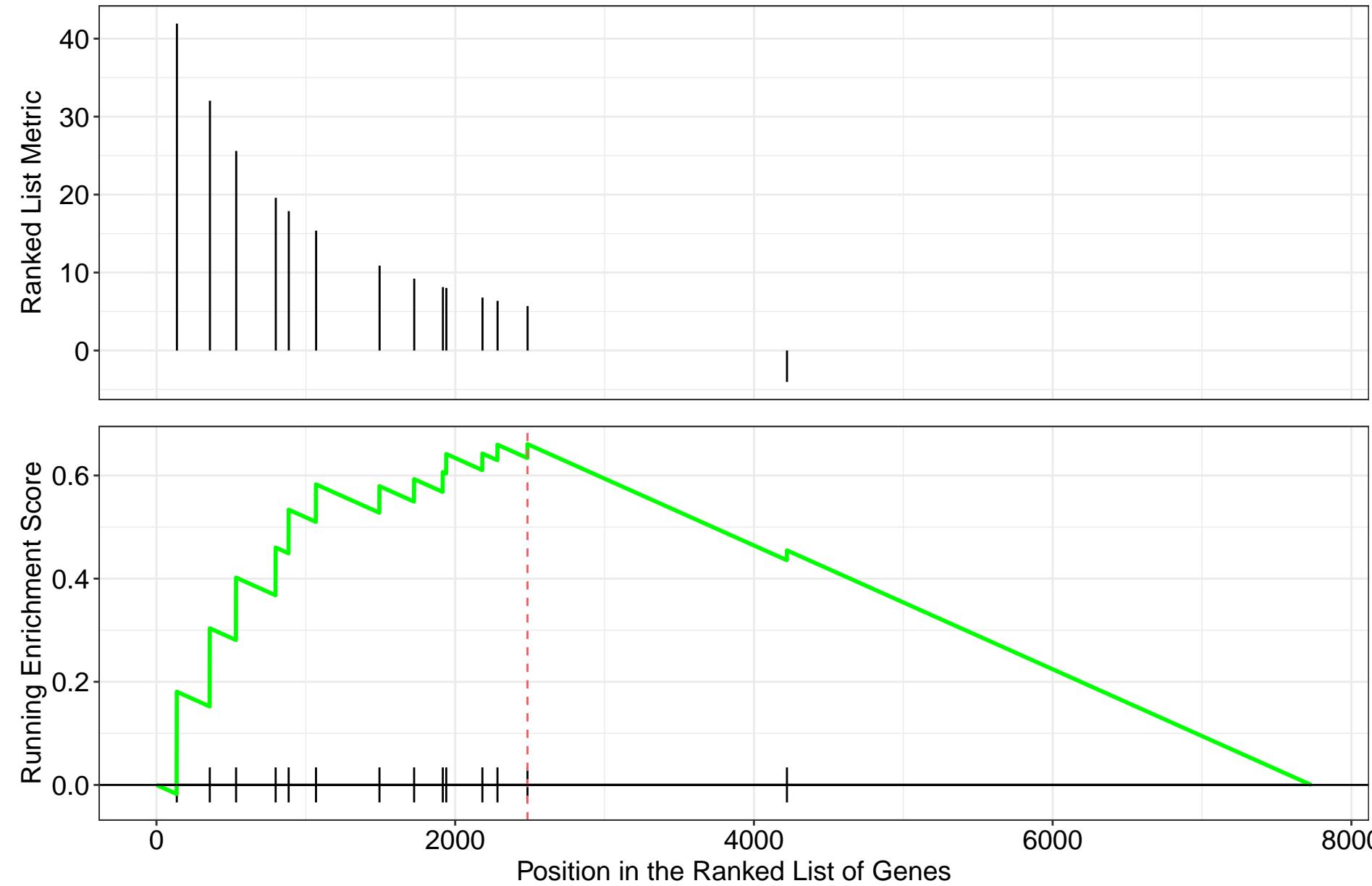
# positive regulation of phosphatidylinositol 3-kinase activity



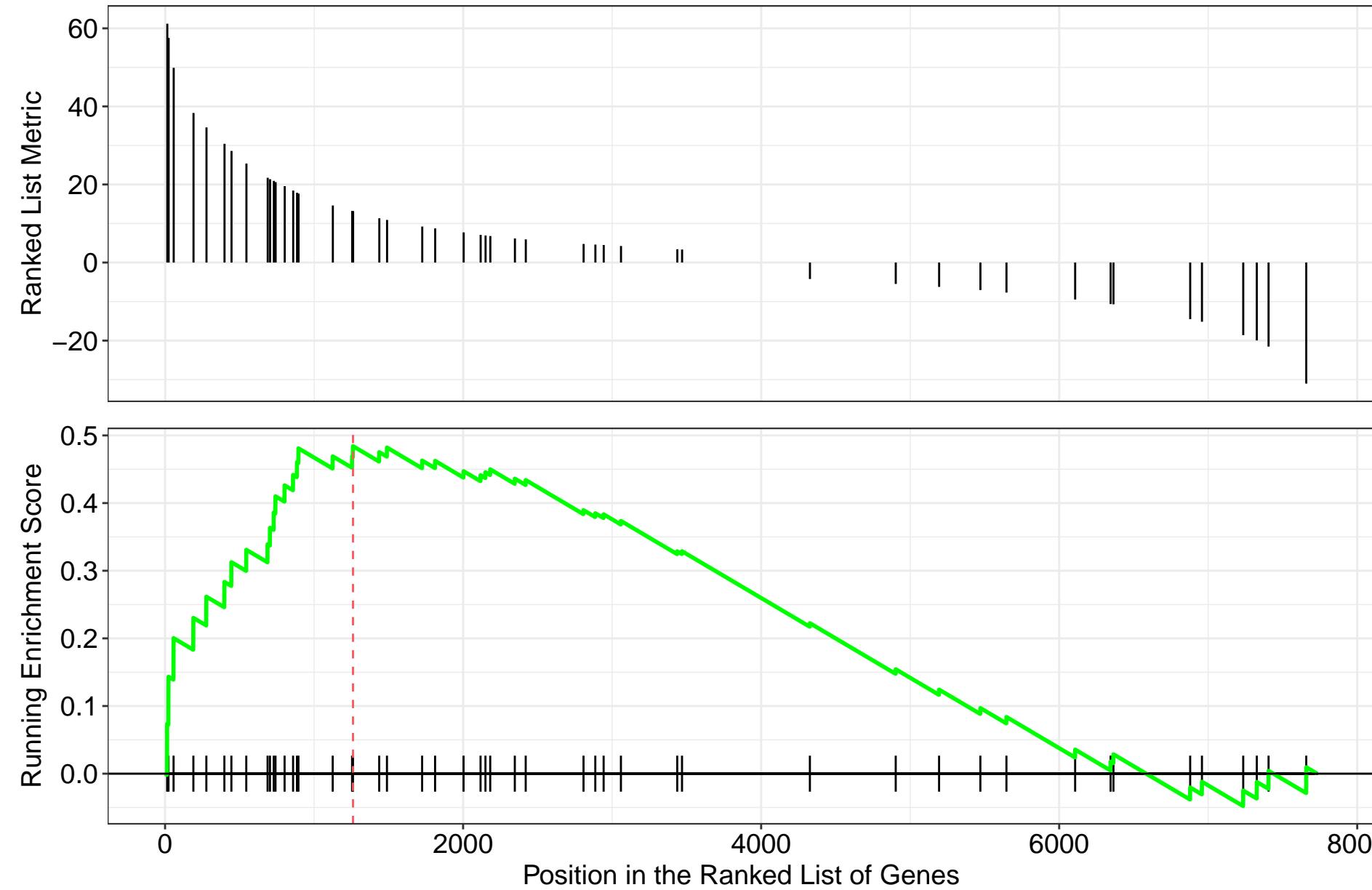
# regulation of monooxygenase activity



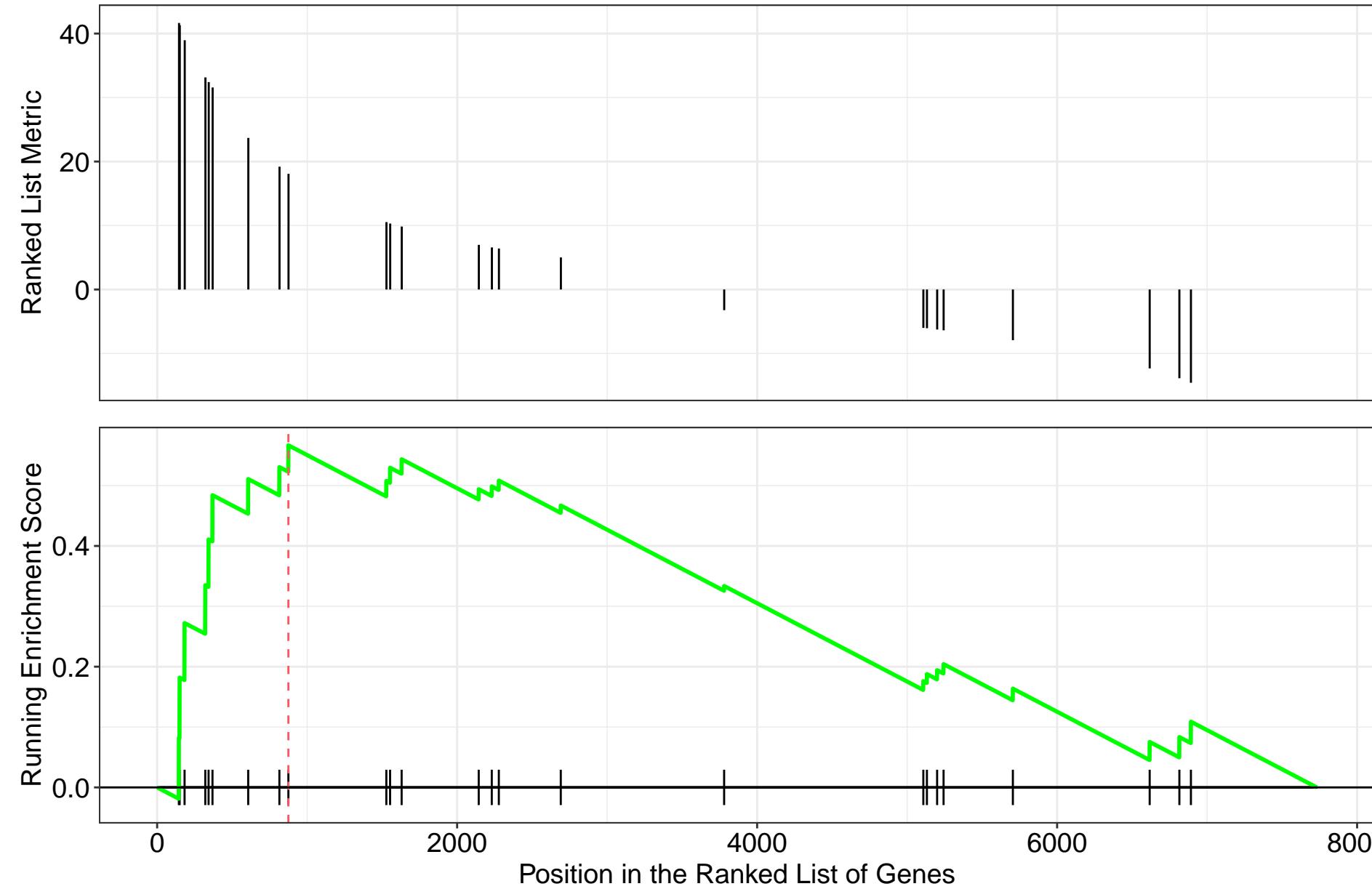
# lymph node development



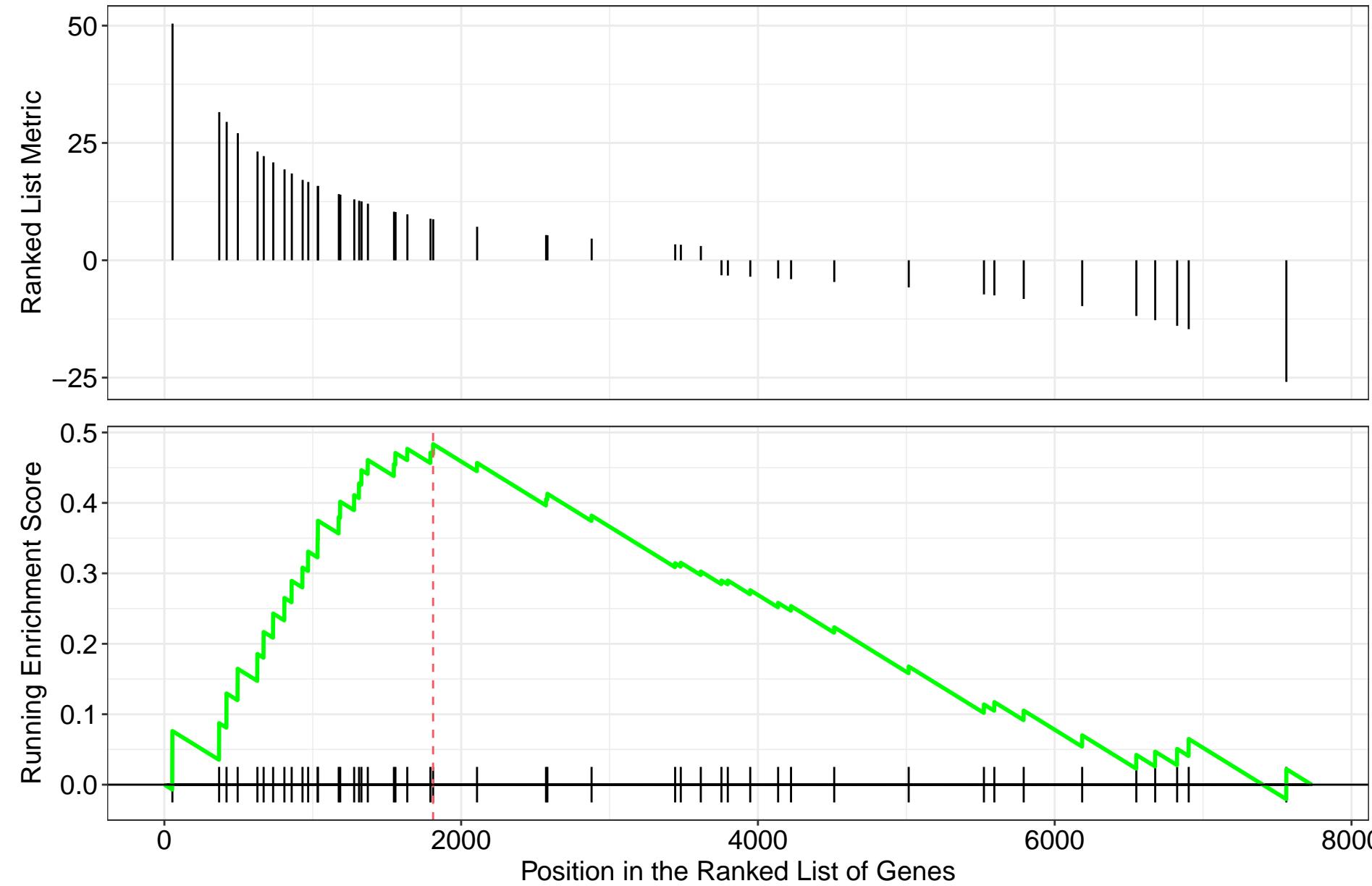
# natural killer cell activation



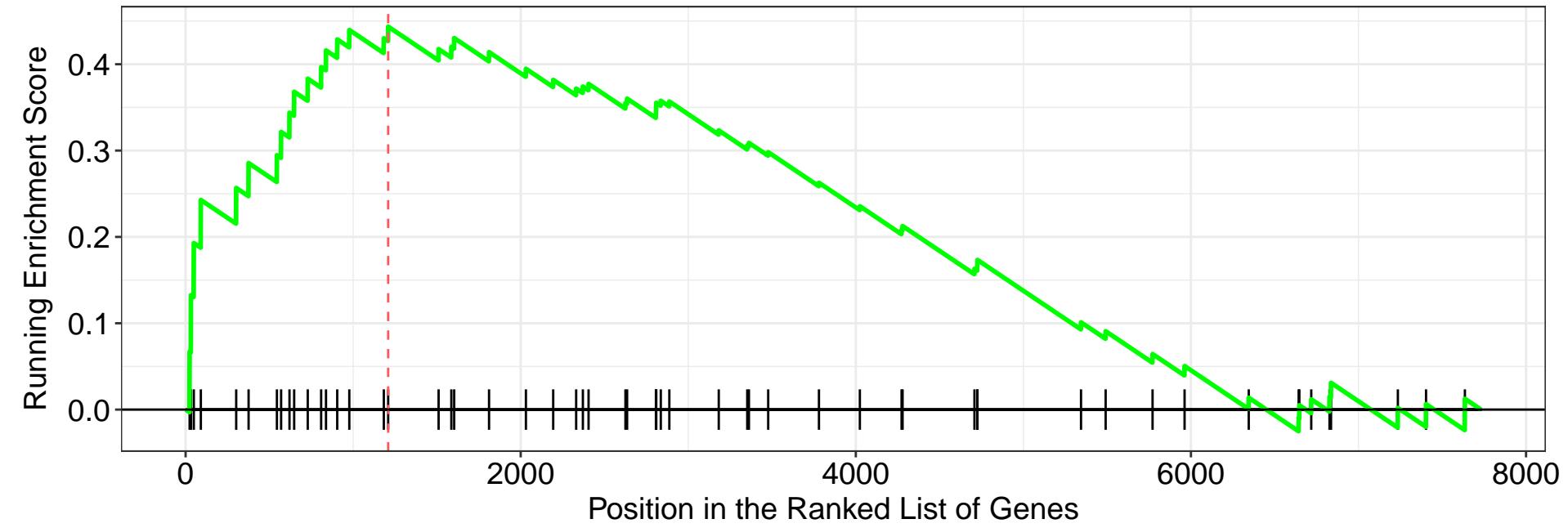
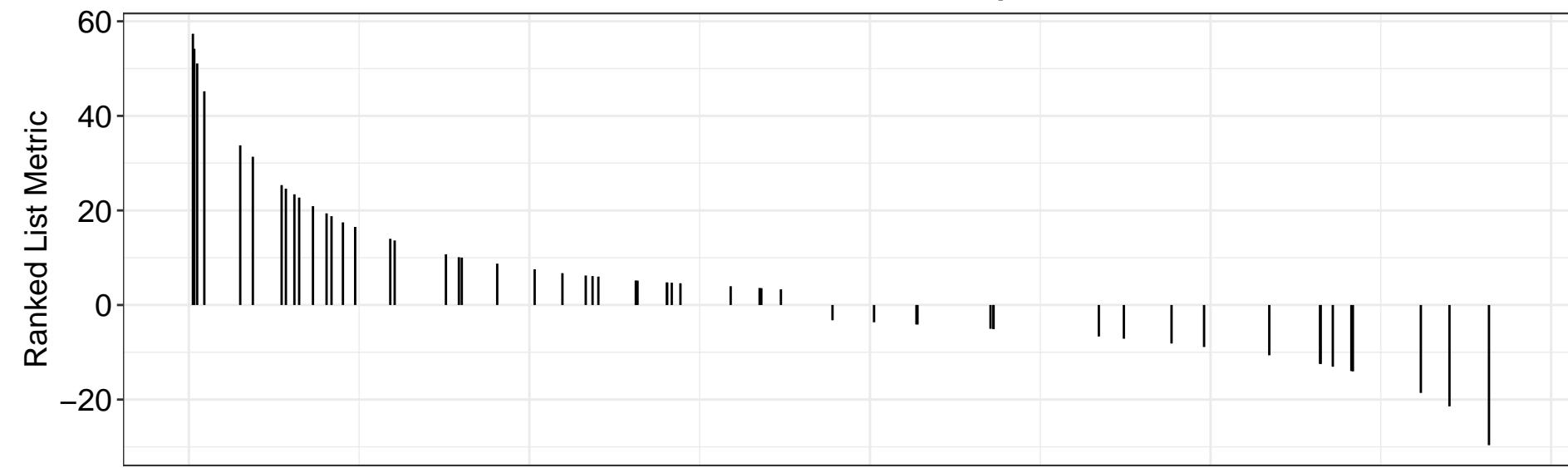
# negative regulation of leukocyte migration



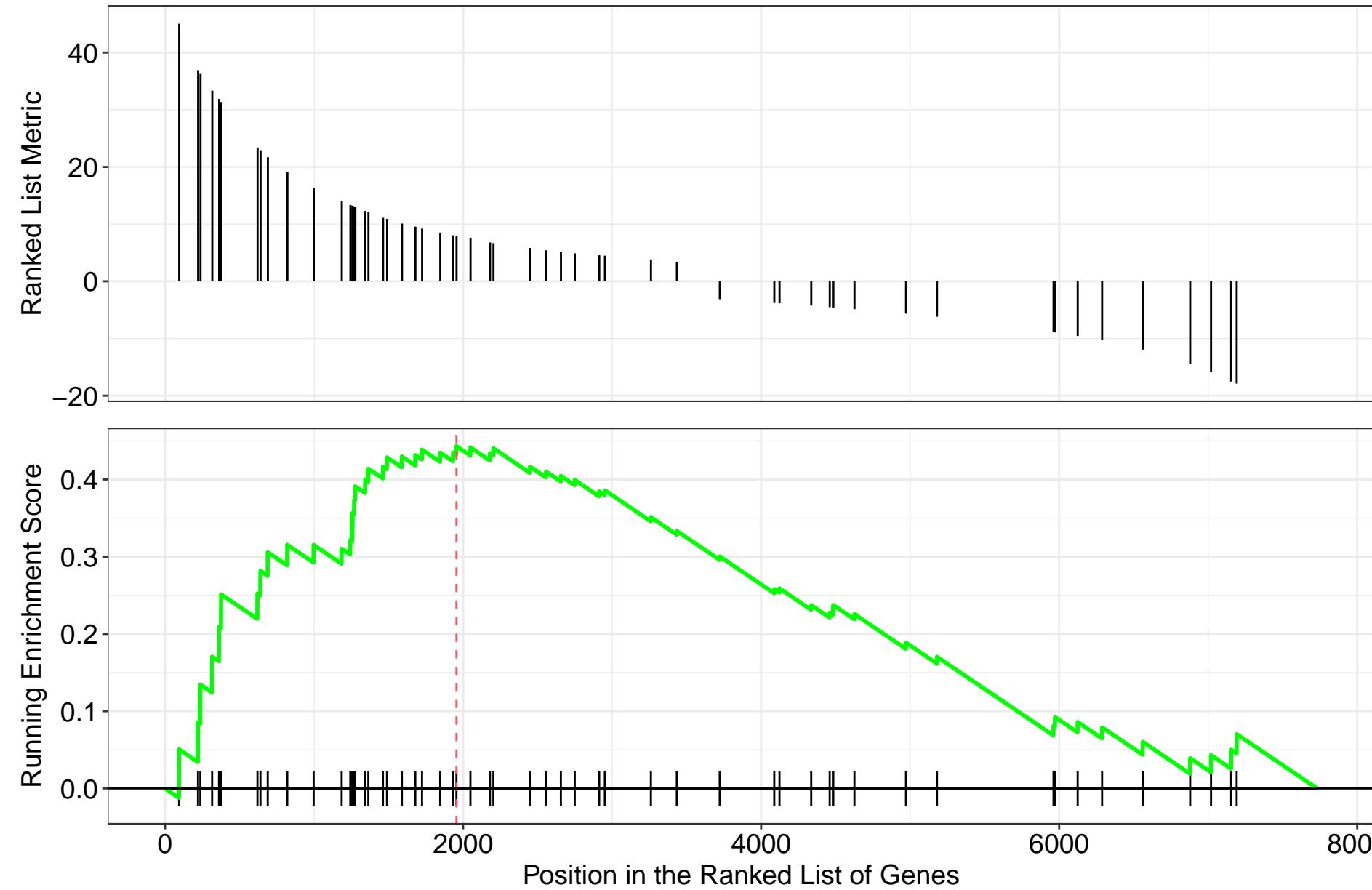
# negative regulation of NF–kappaB transcription factor activity



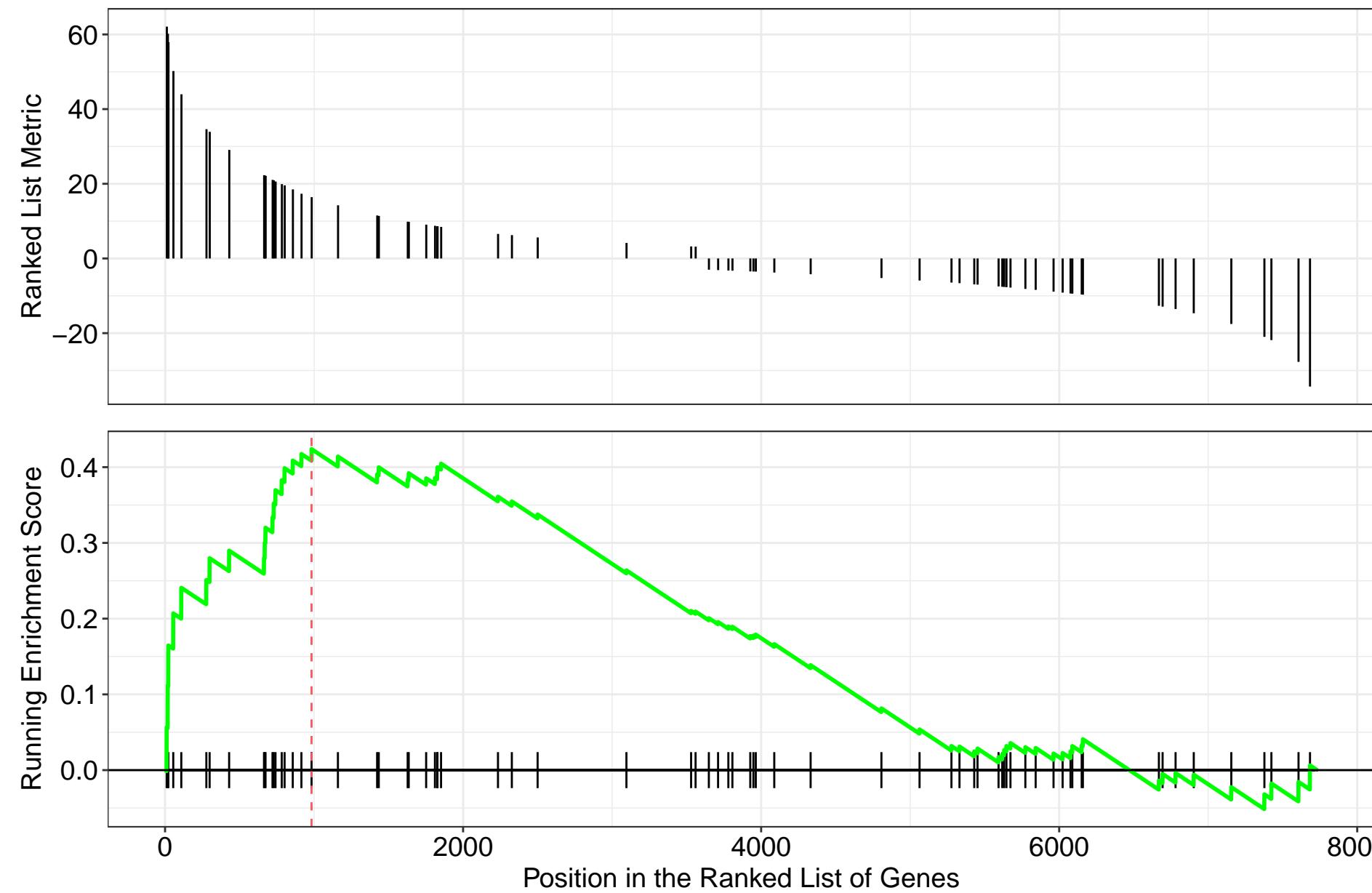
# nitric oxide metabolic process



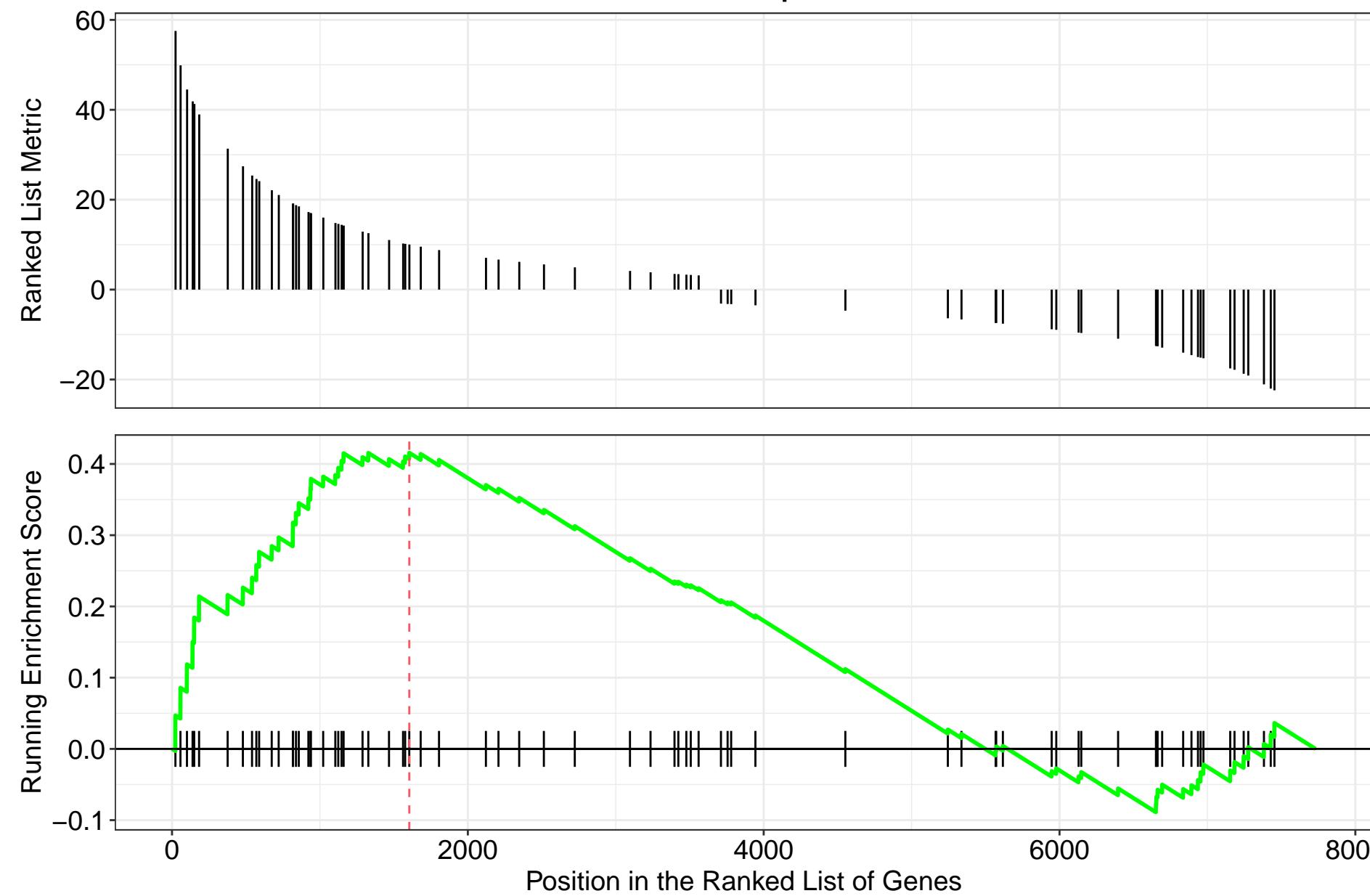
# entry into host



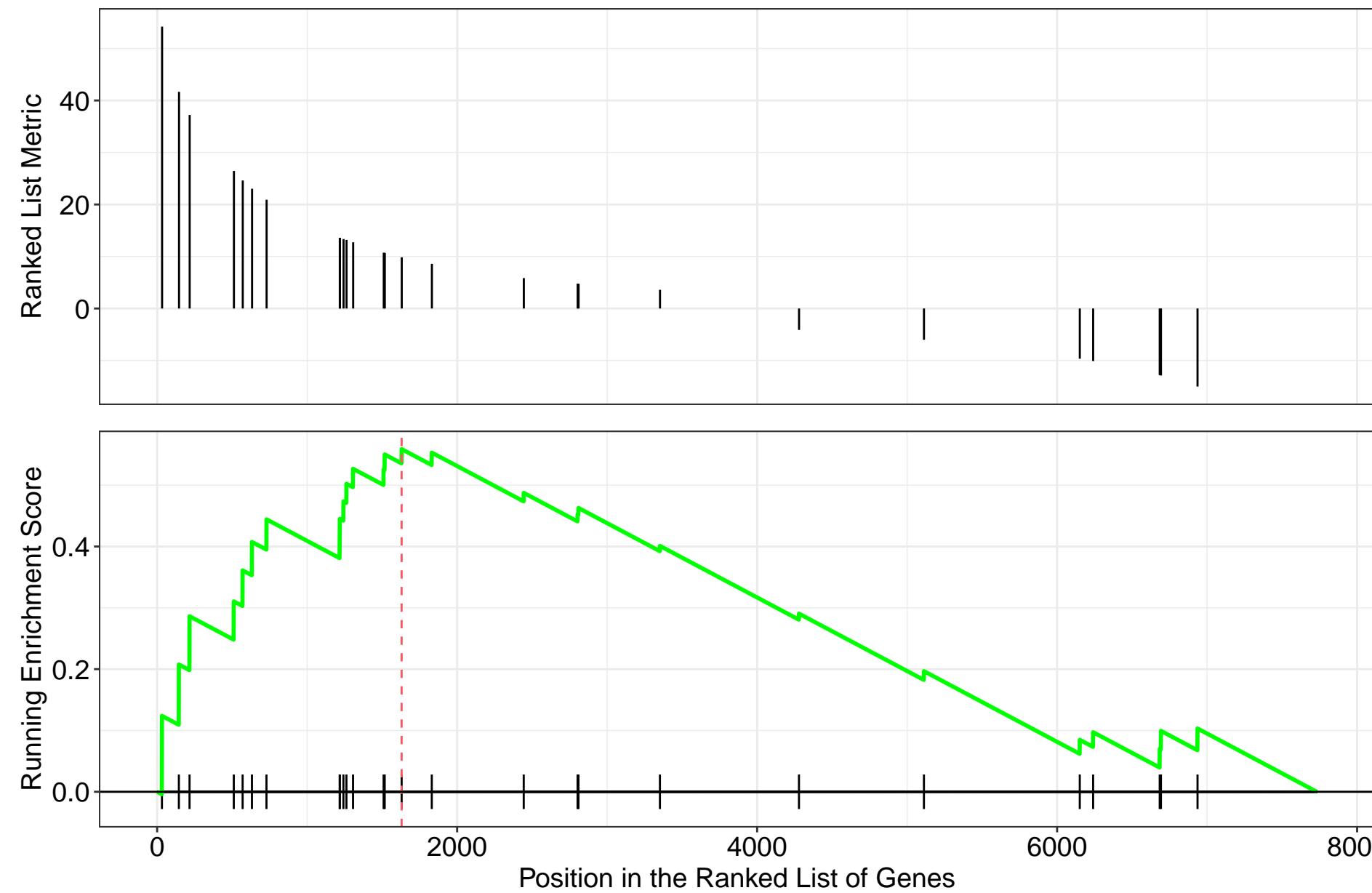
# phosphatidylinositol-mediated signaling



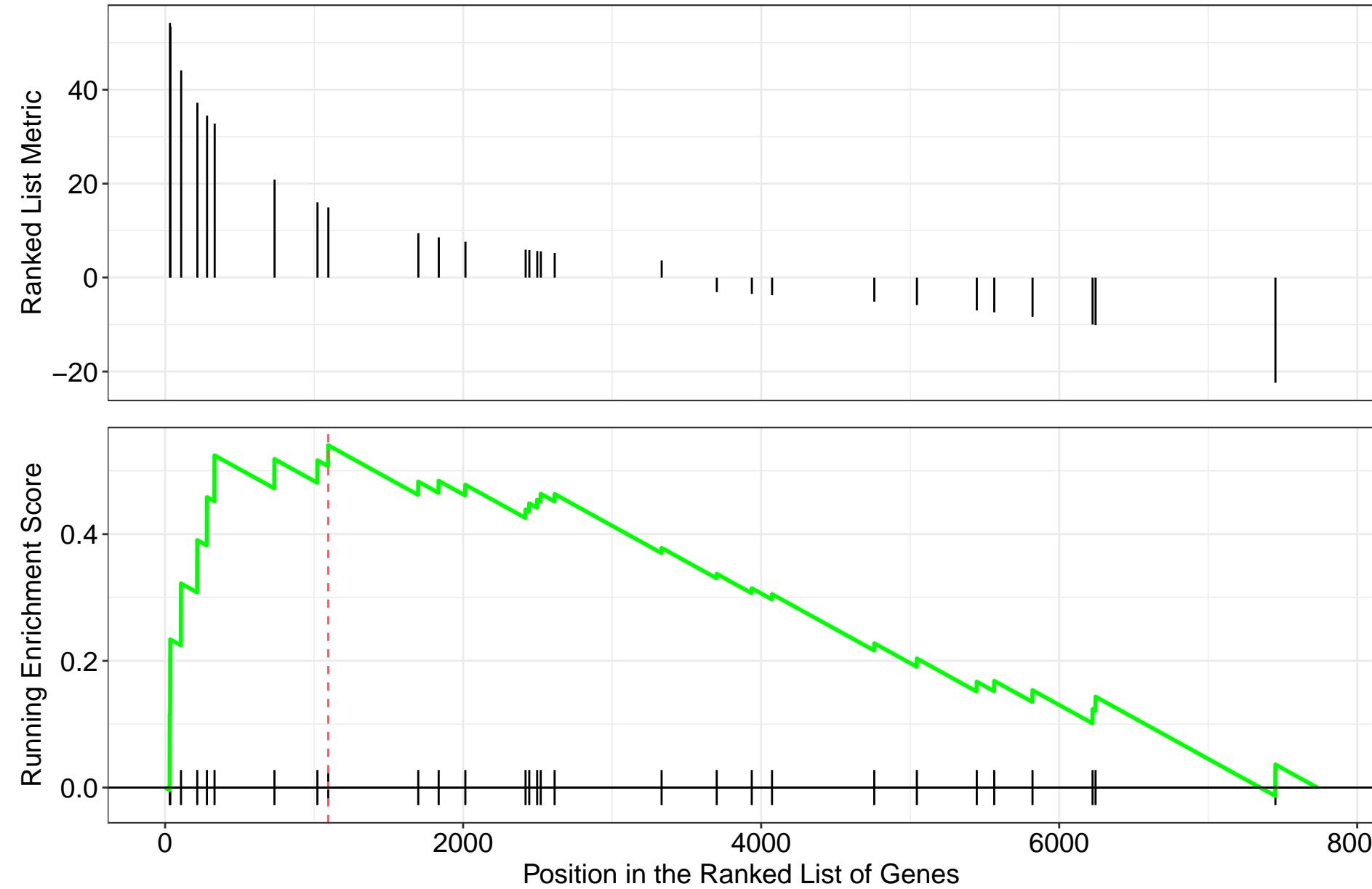
# endothelial cell proliferation



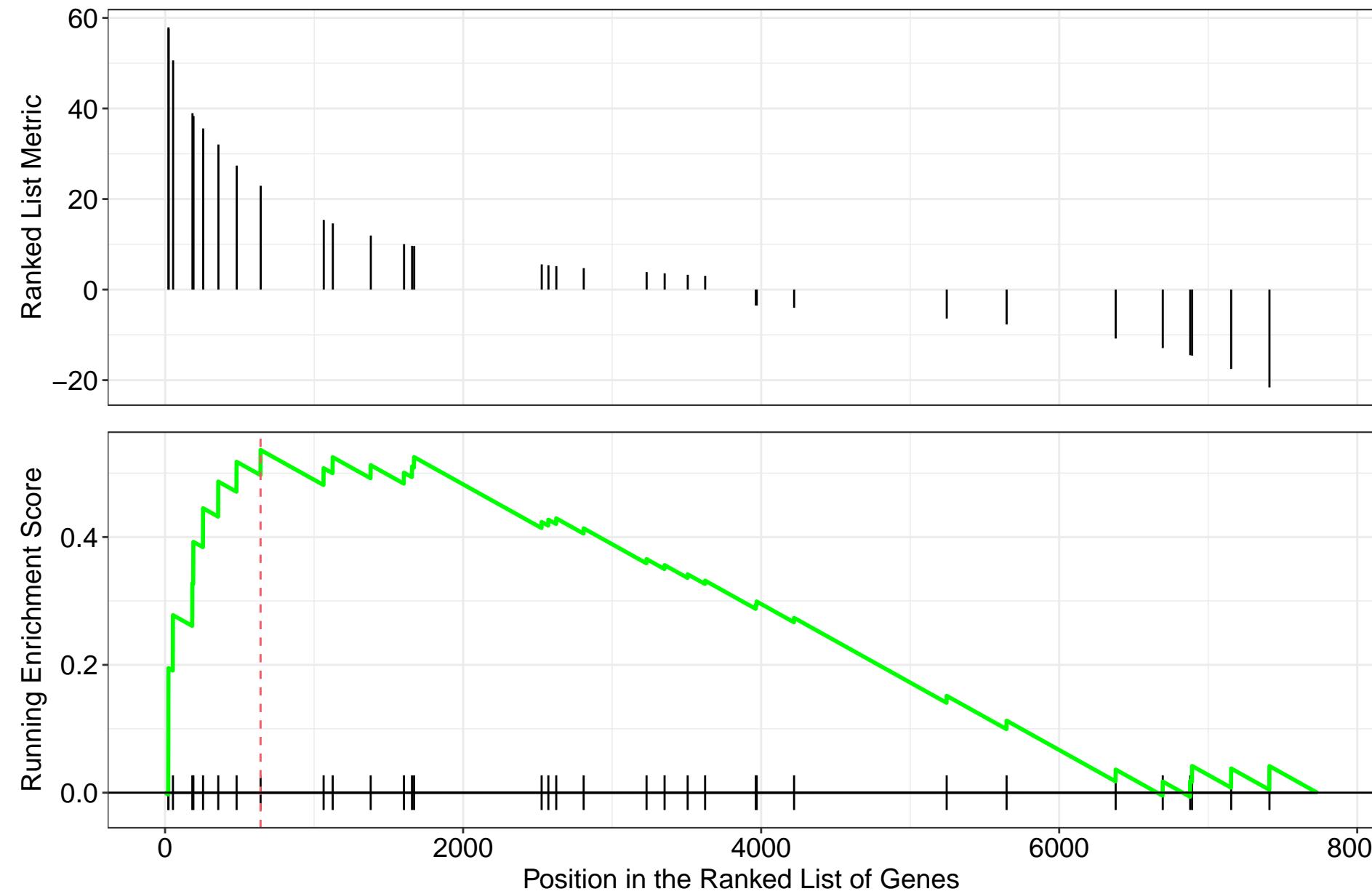
# glial cell activation



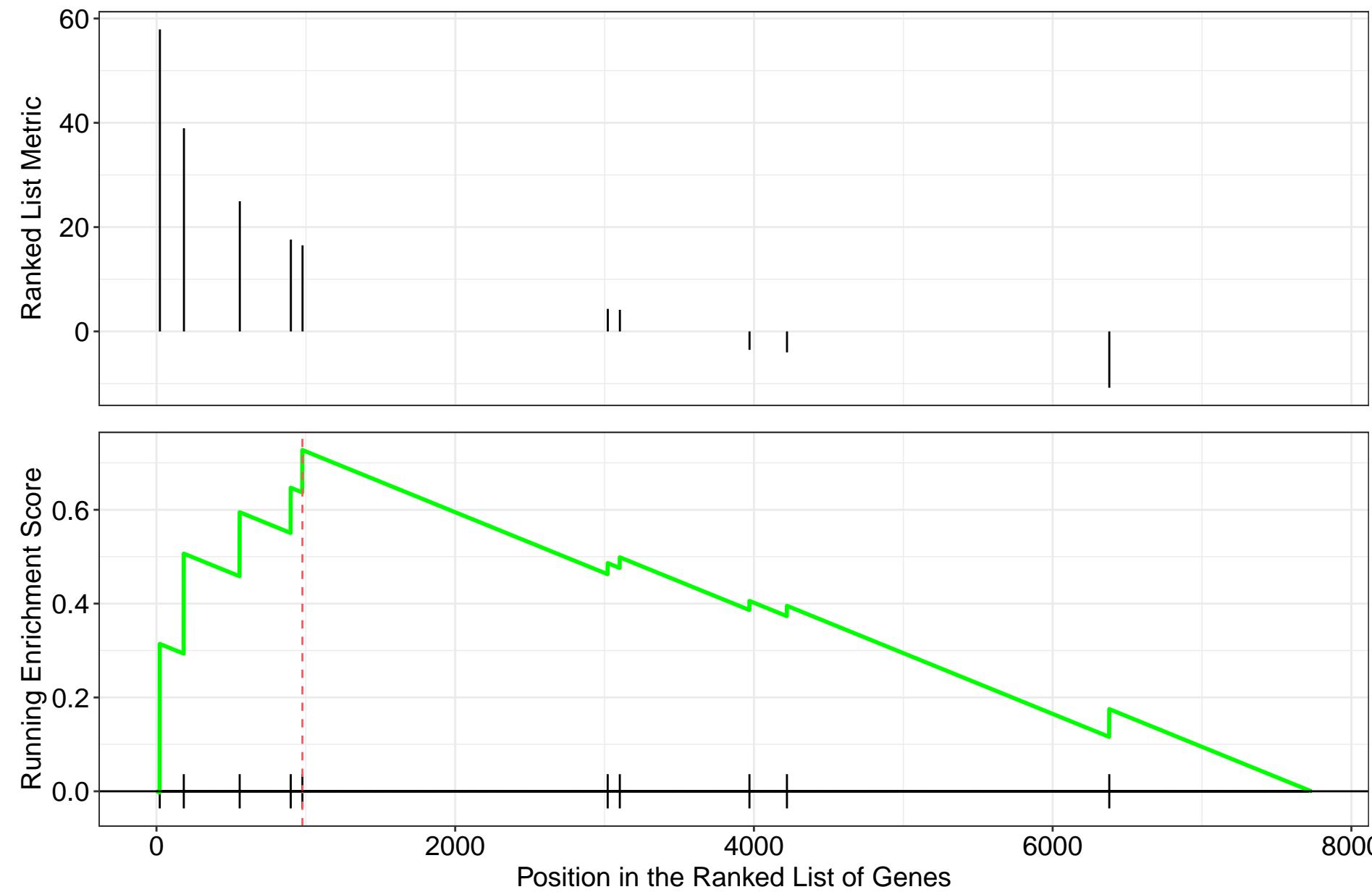
# acidic amino acid transport



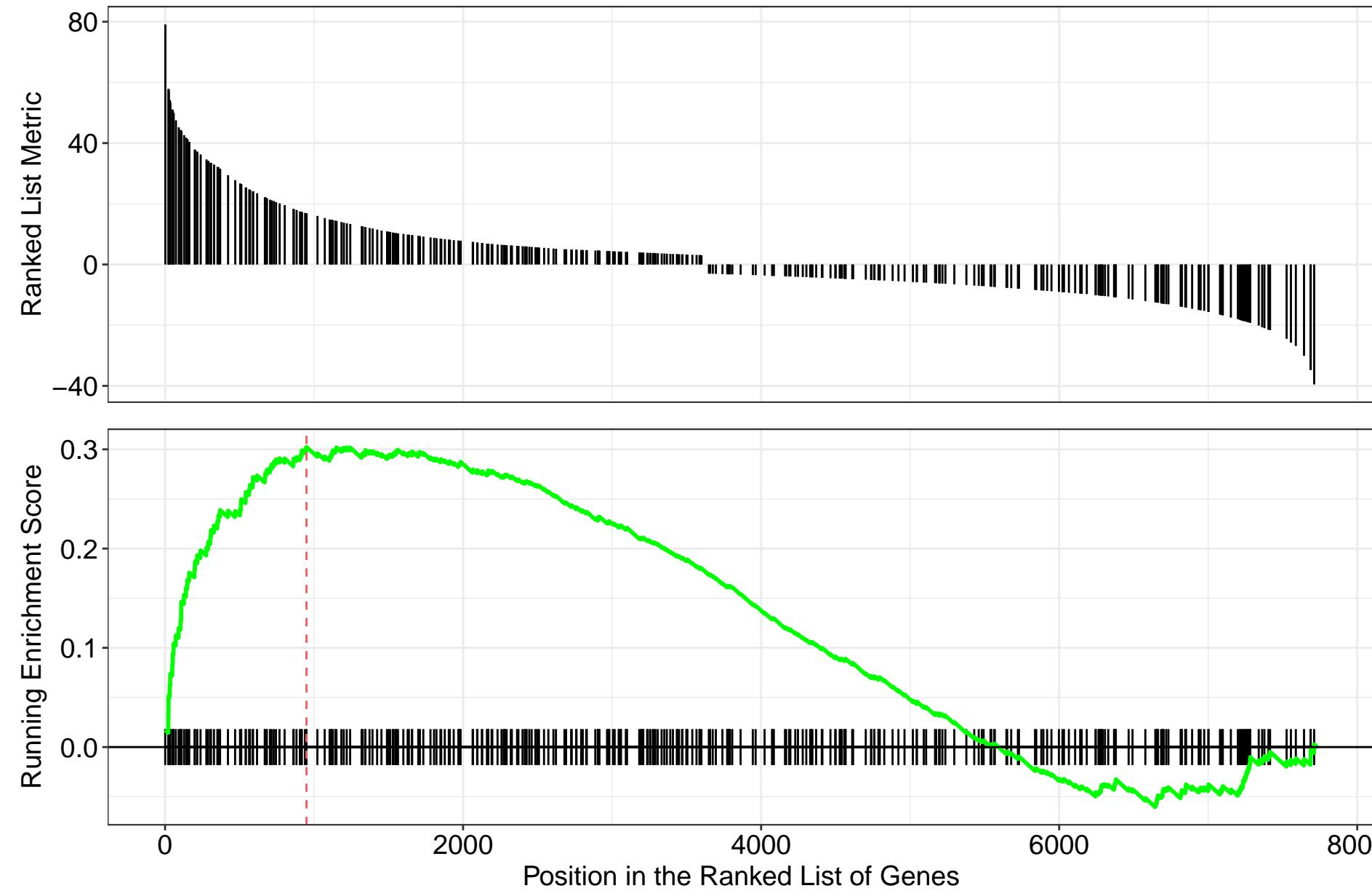
# positive regulation of mononuclear cell migration



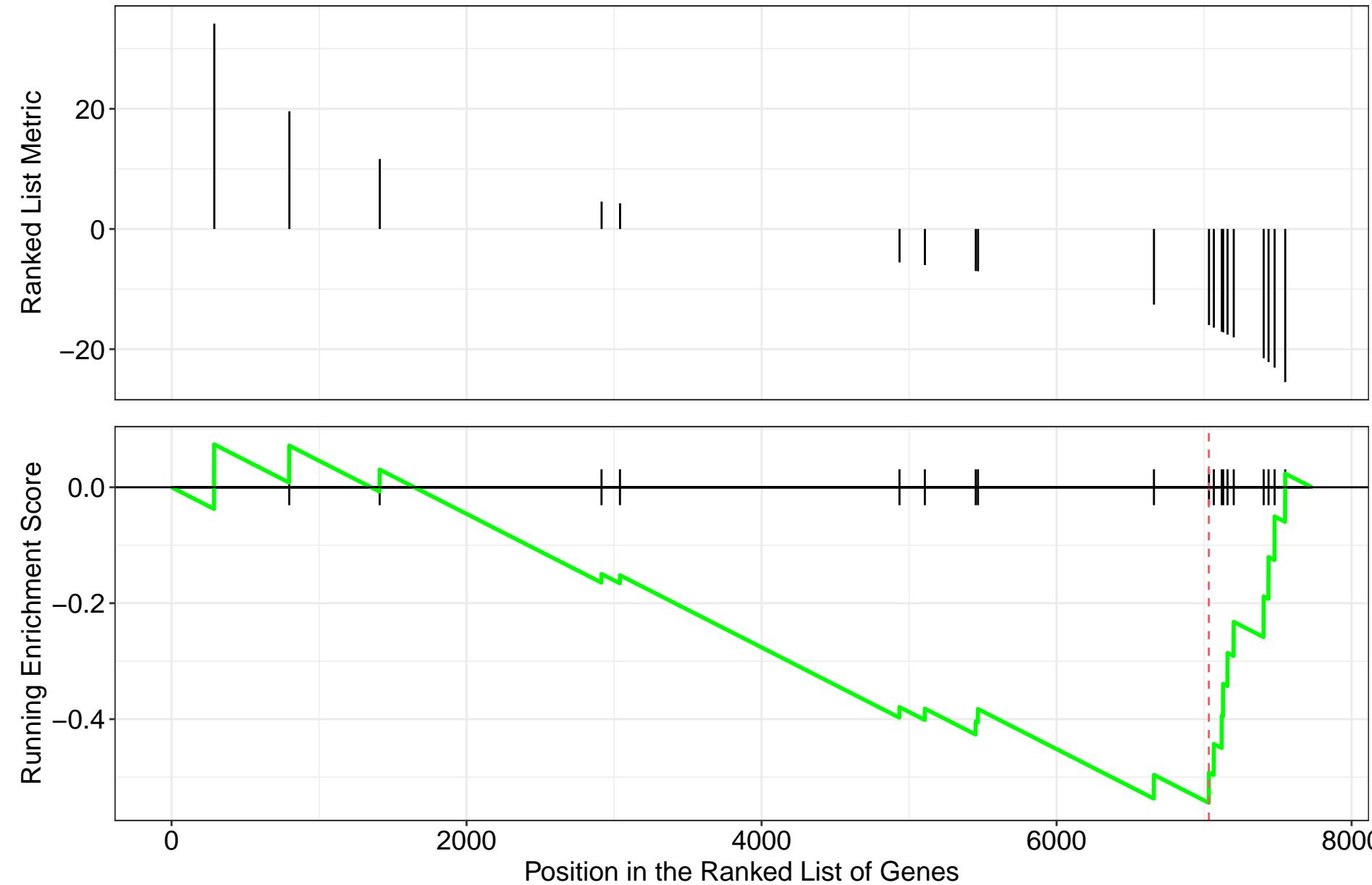
# T cell extravasation



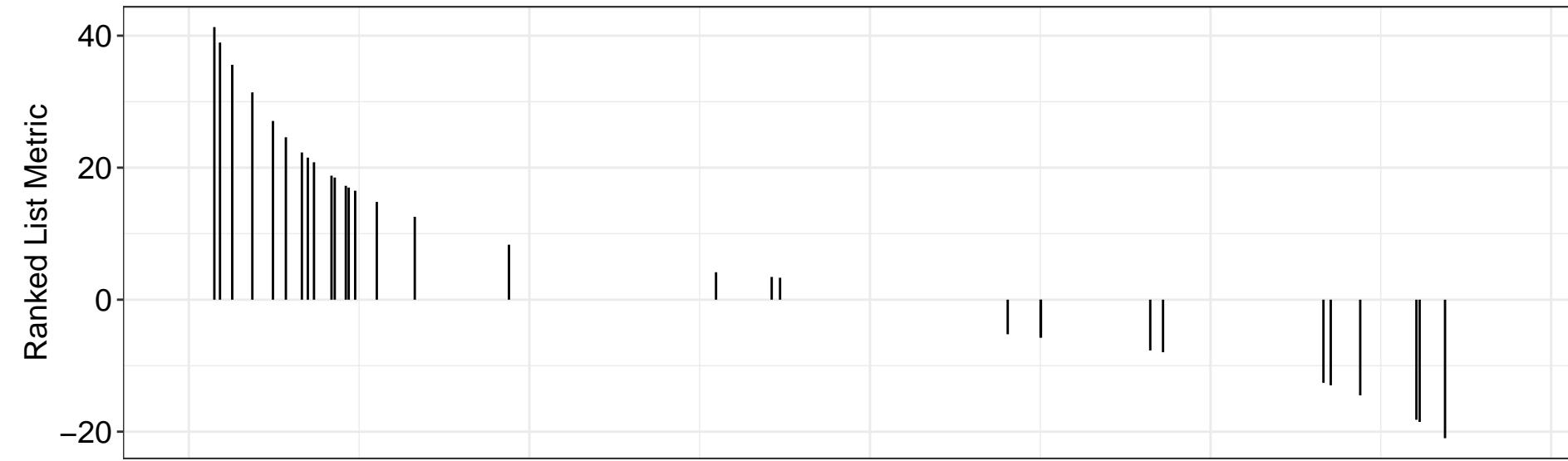
# secretion by cell



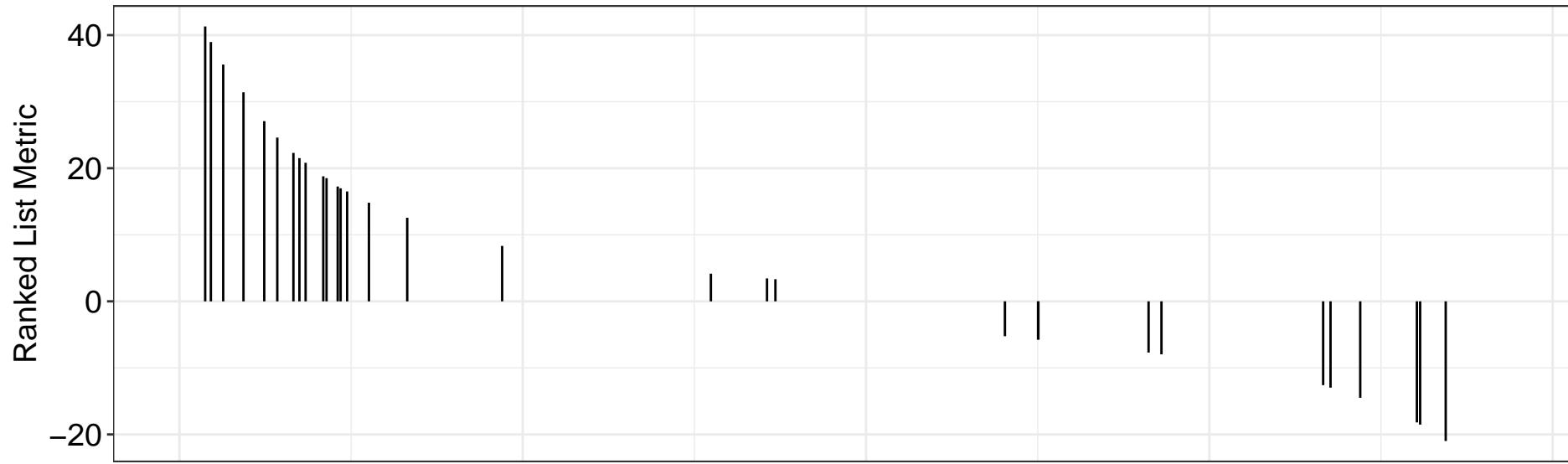
# positive regulation of cytokinesis



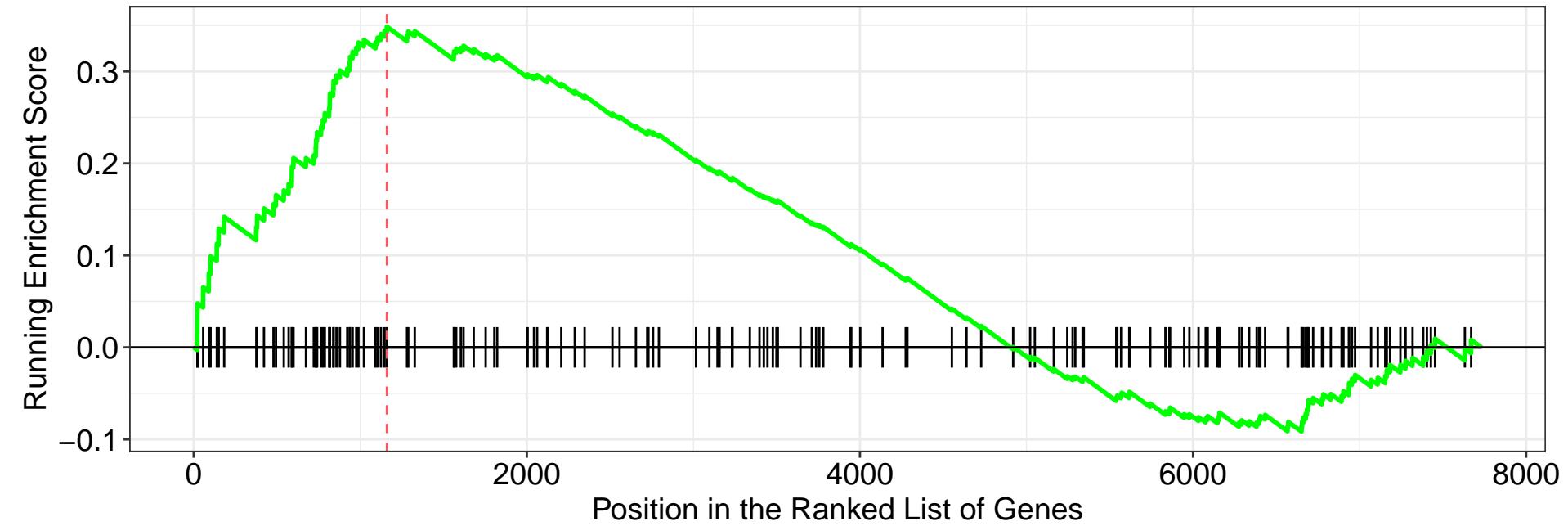
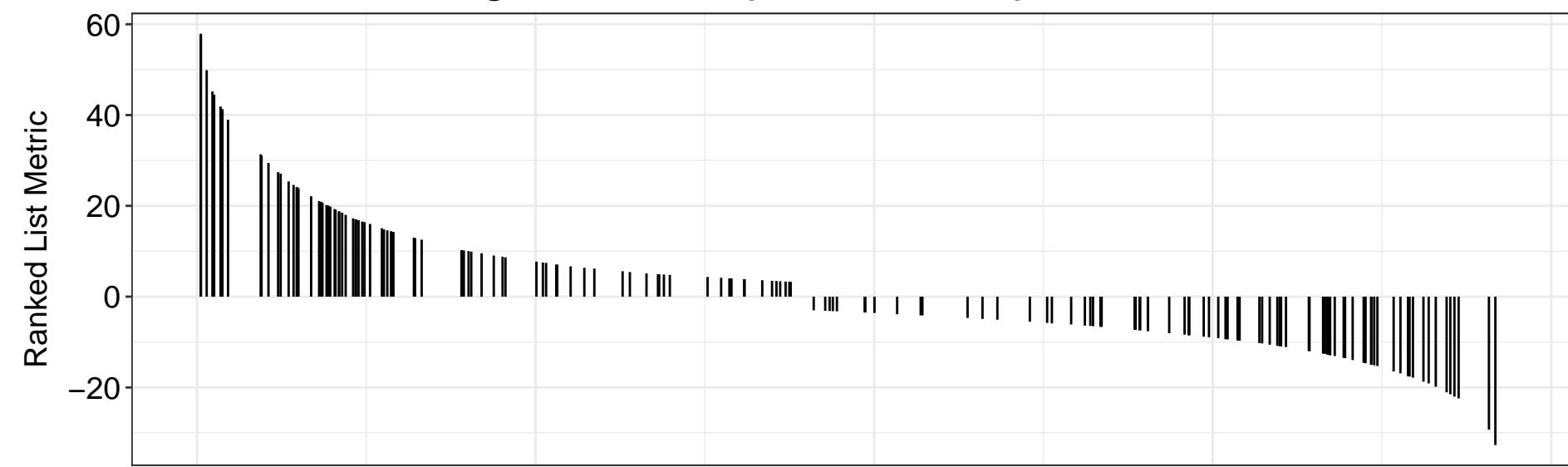
# endothelial cell apoptotic process



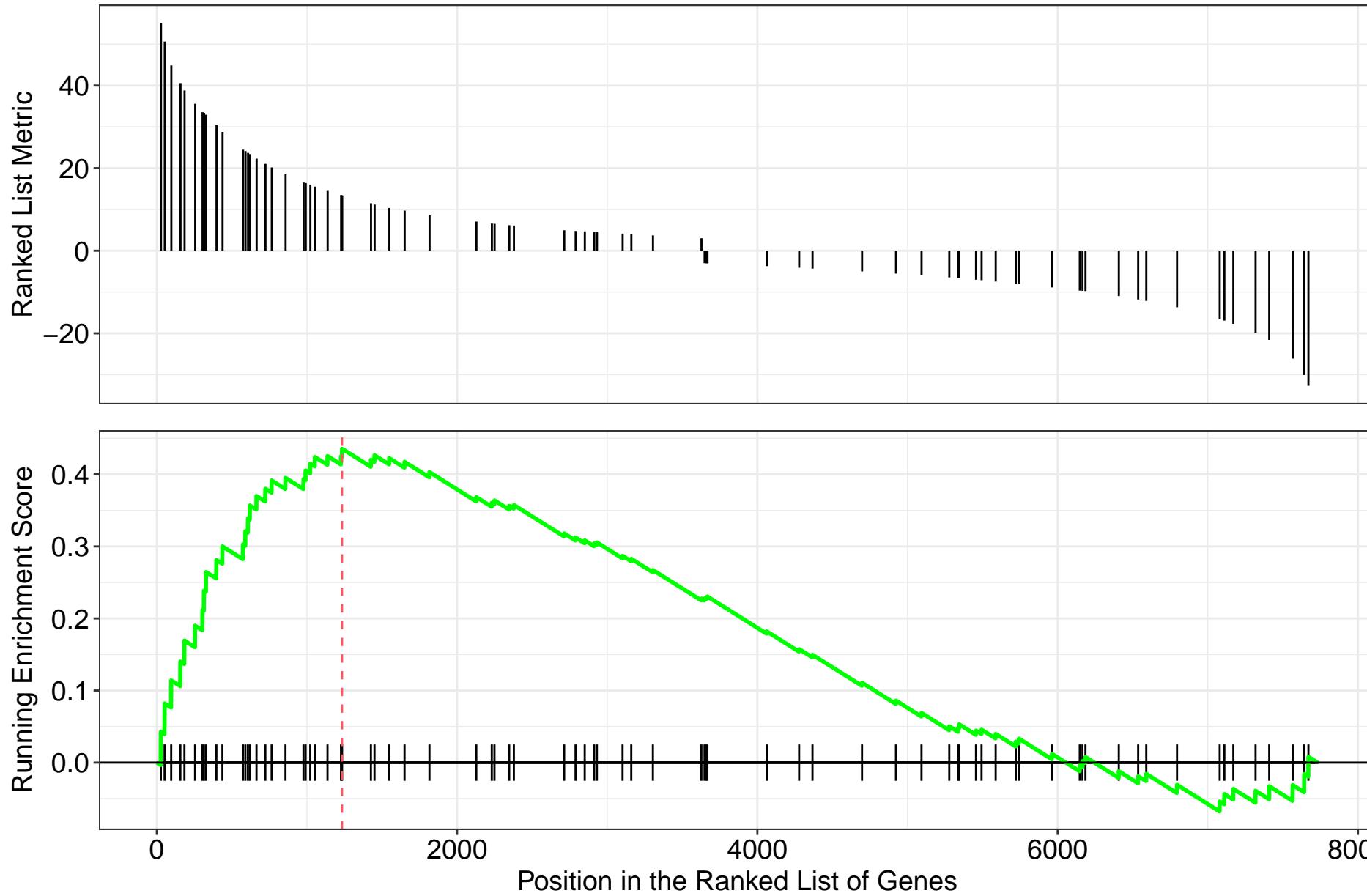
# regulation of endothelial cell apoptotic process



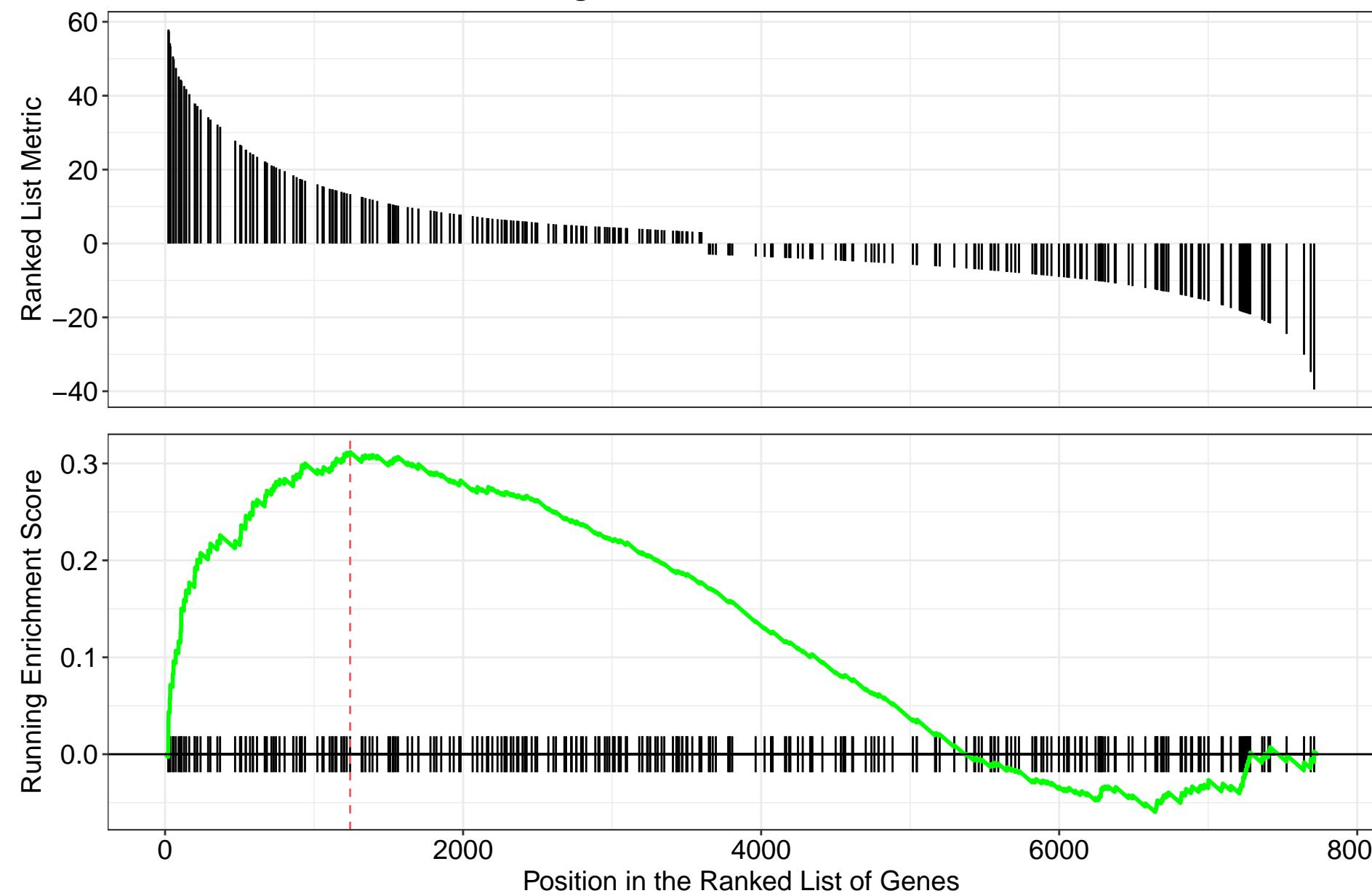
# regulation of epithelial cell proliferation



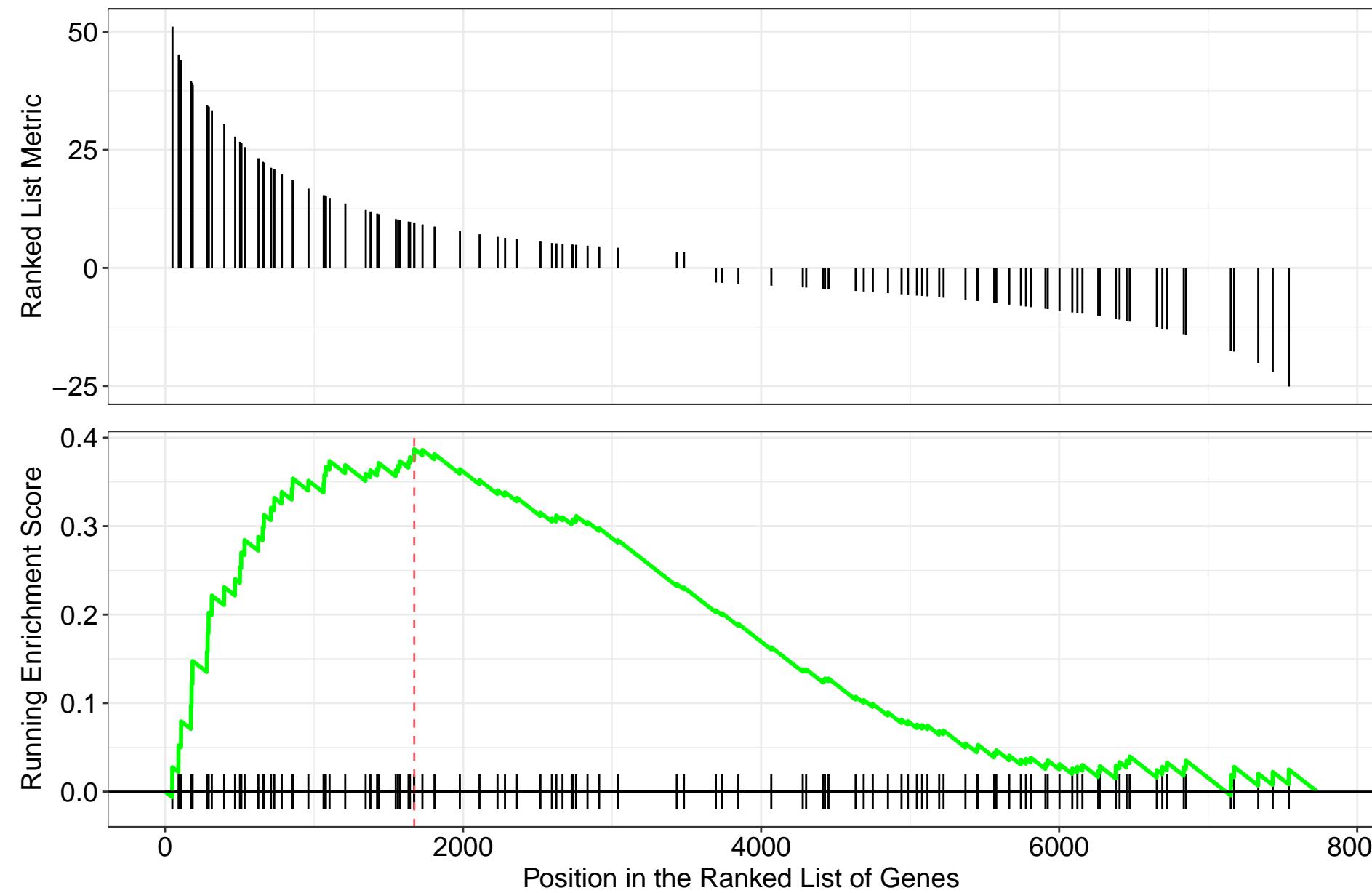
# development of primary sexual characteristics



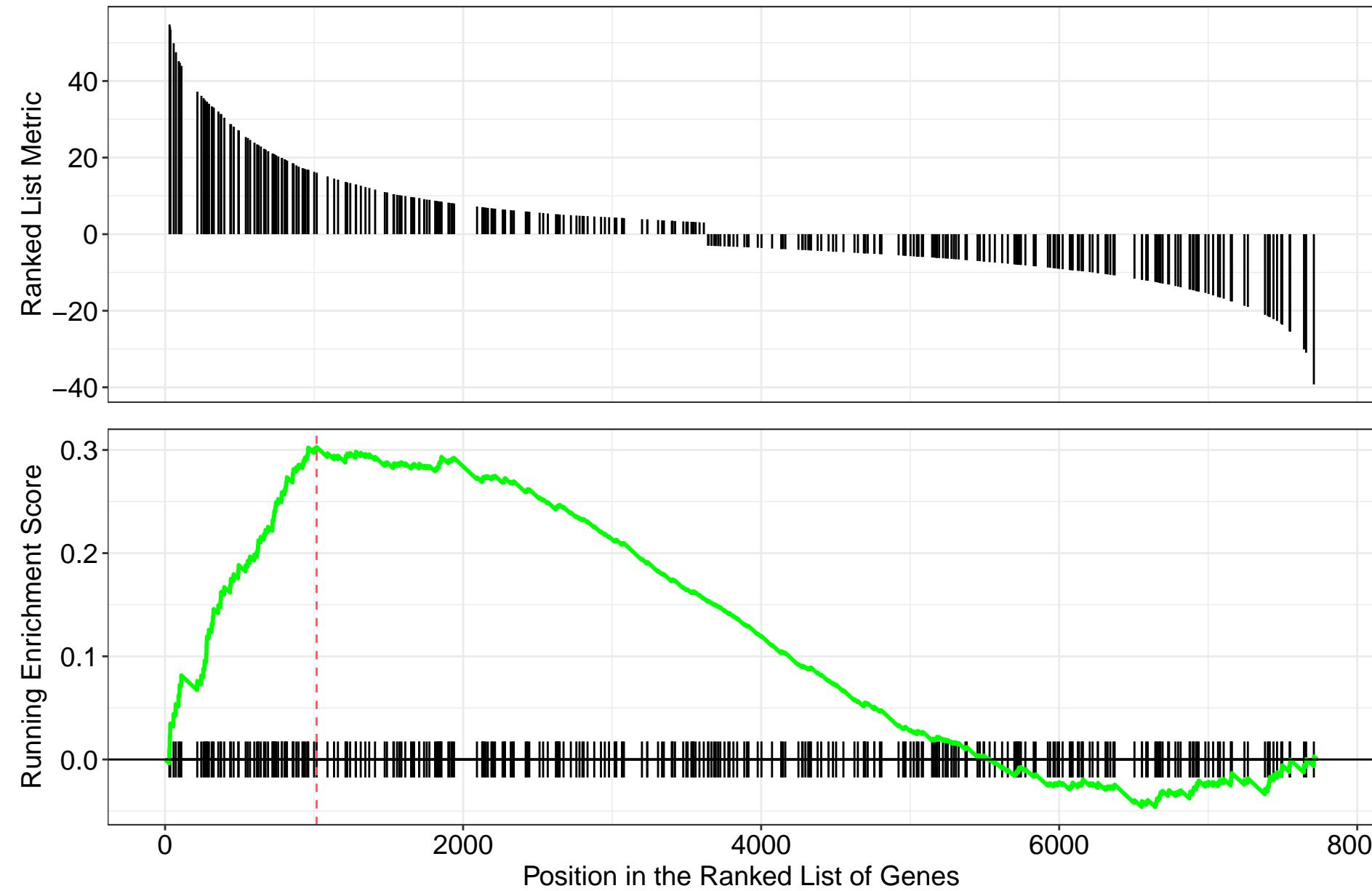
# regulation of secretion



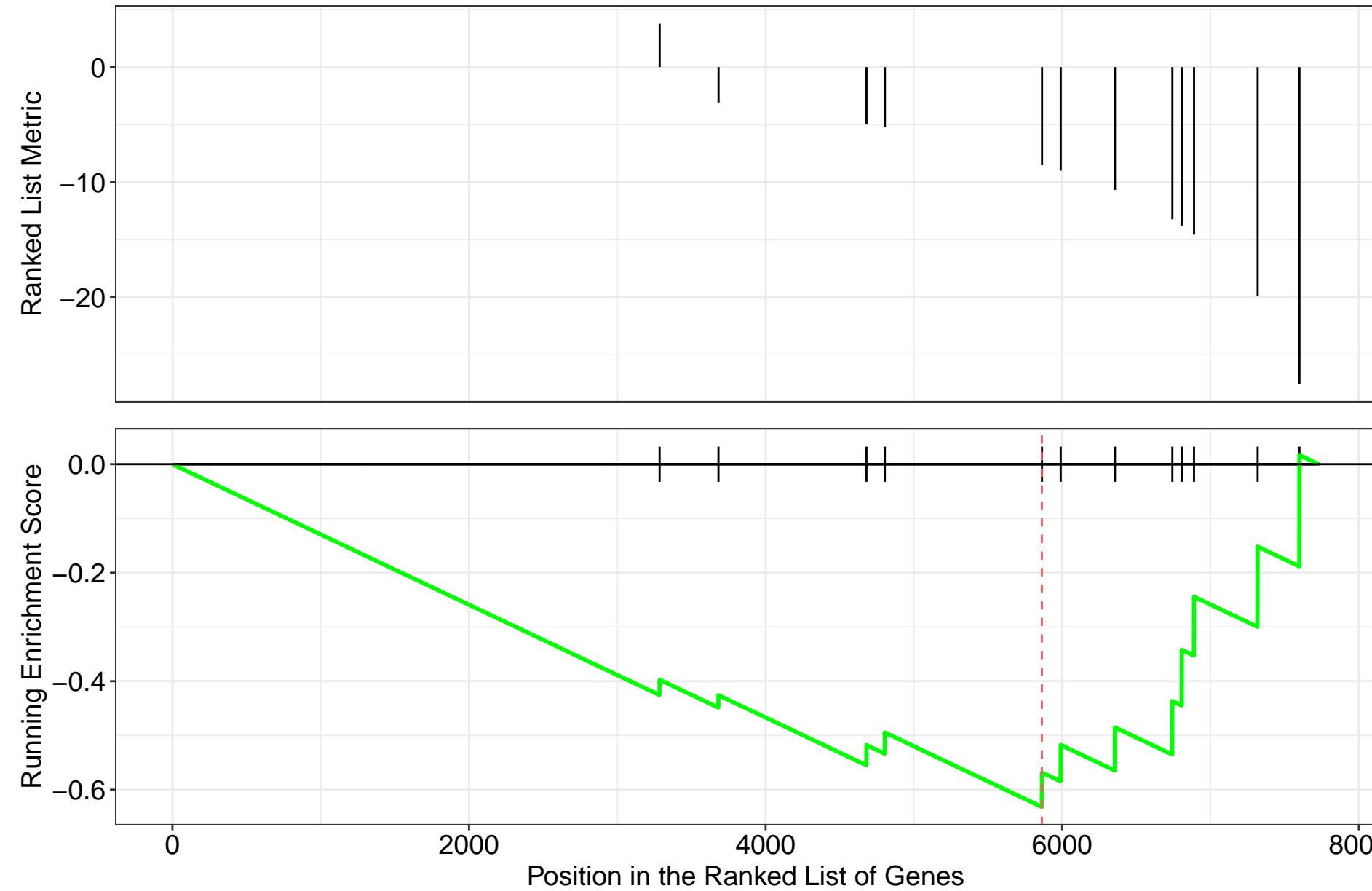
# tissue homeostasis



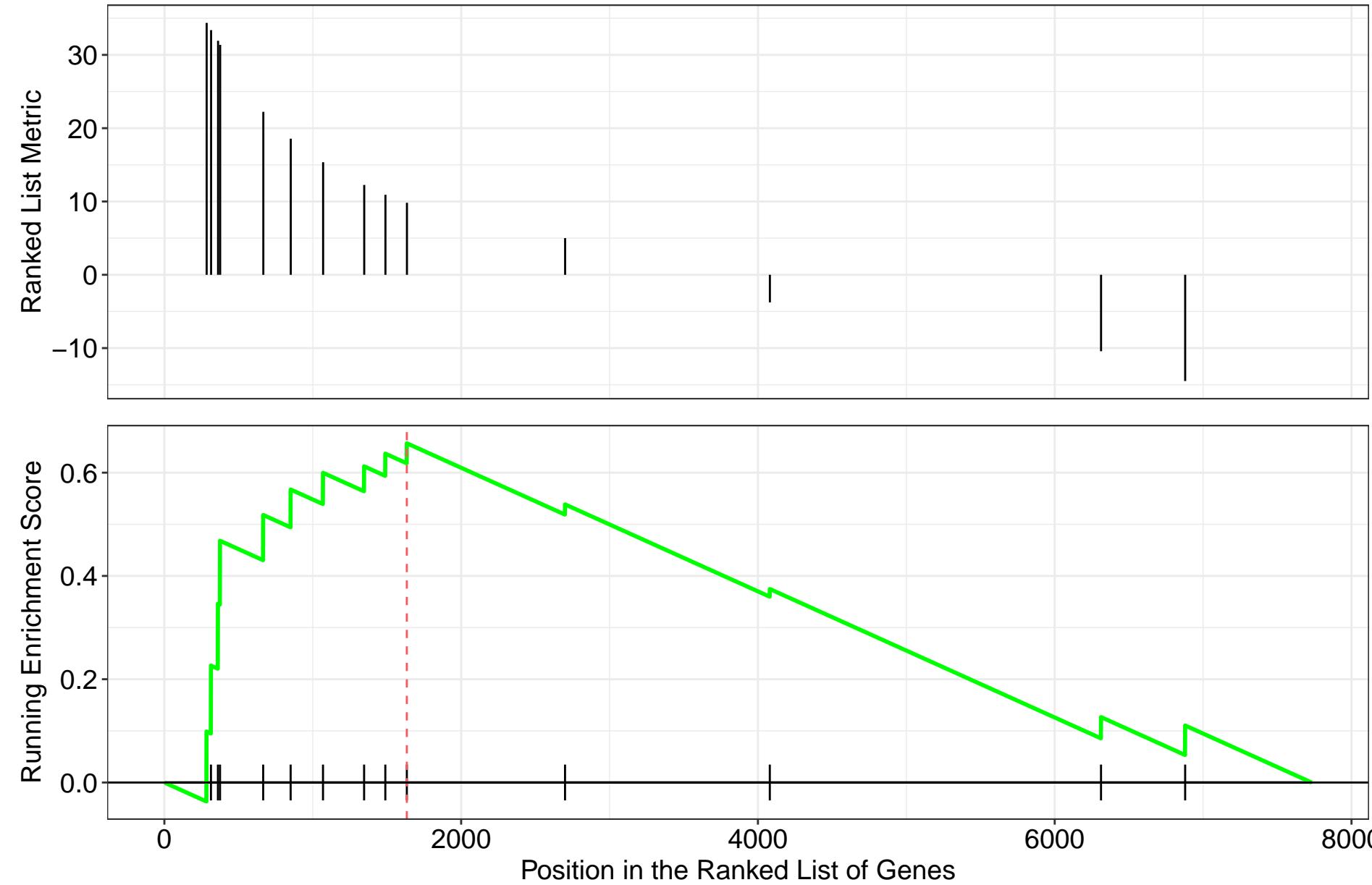
# regulation of kinase activity



# regulation of DNA damage checkpoint



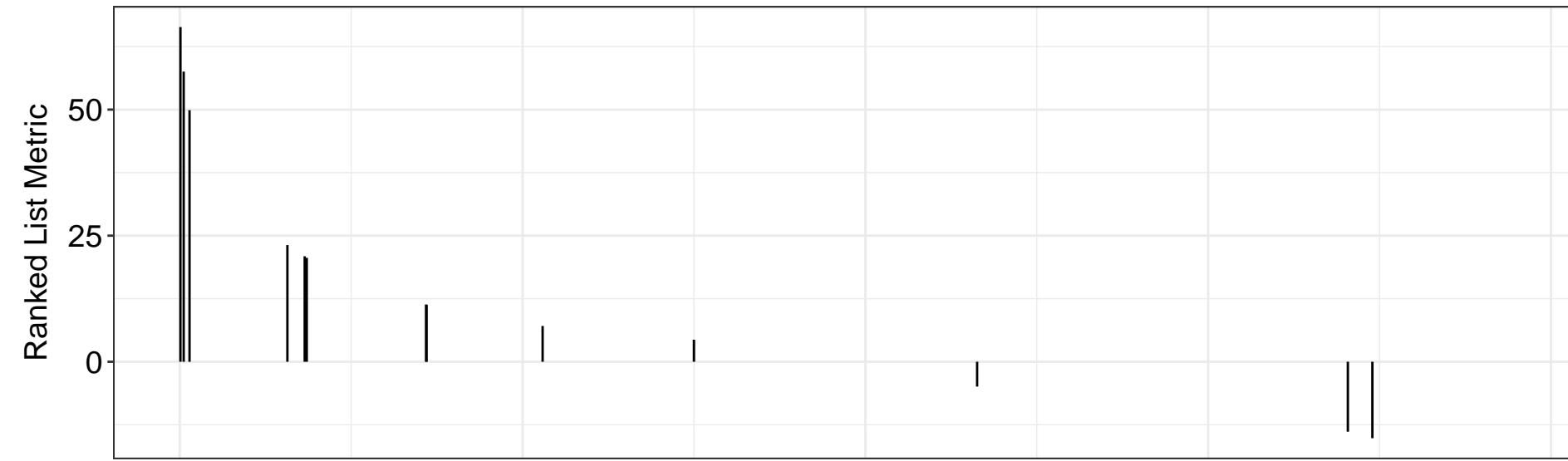
# cellular response to interferon-alpha



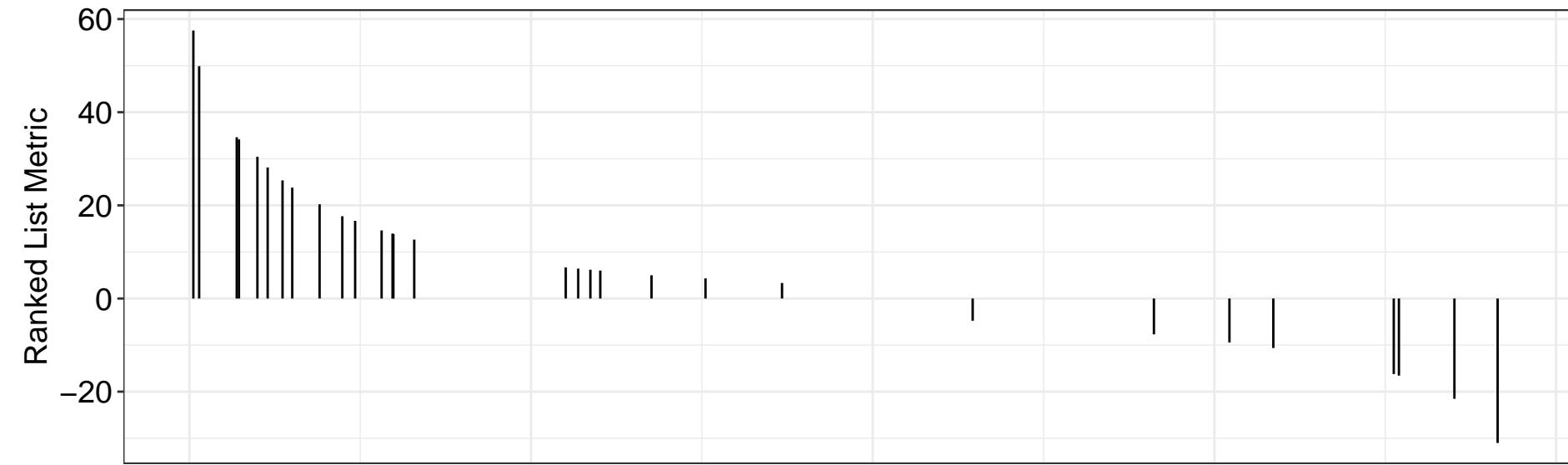
# stress-activated MAPK cascade



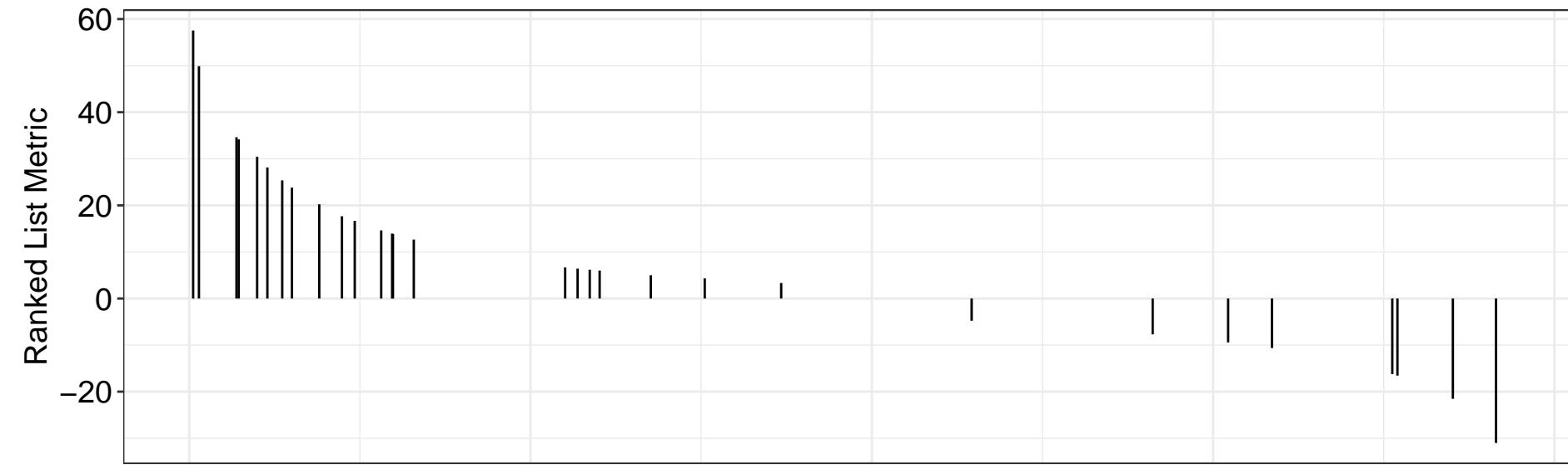
# regulation of NK T cell activation



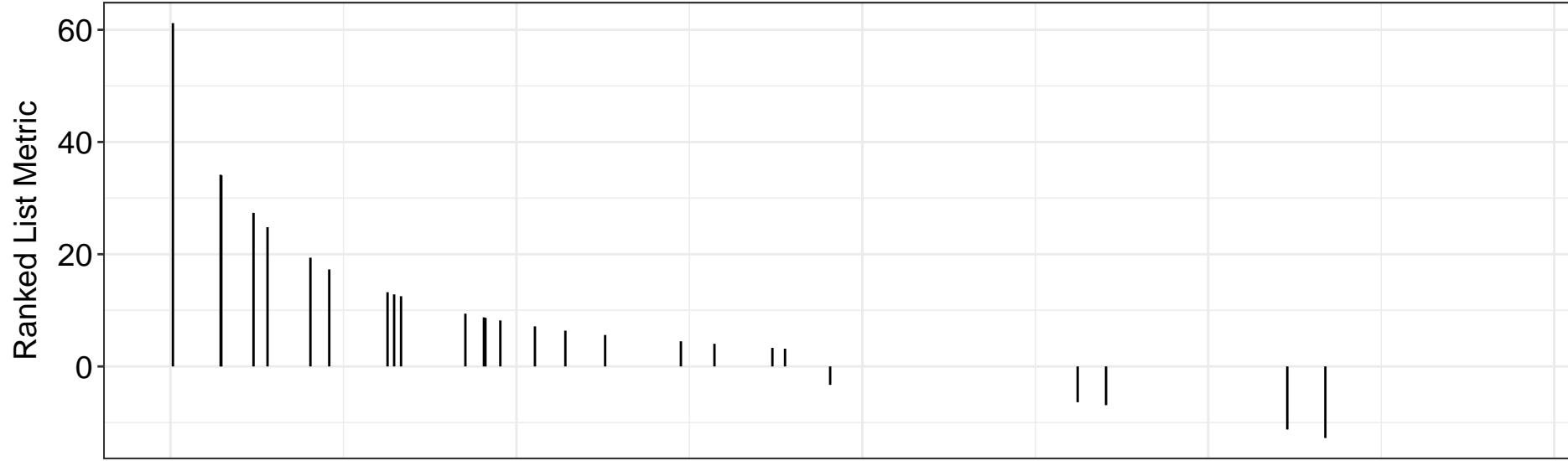
# regulation of natural killer cell mediated immunity



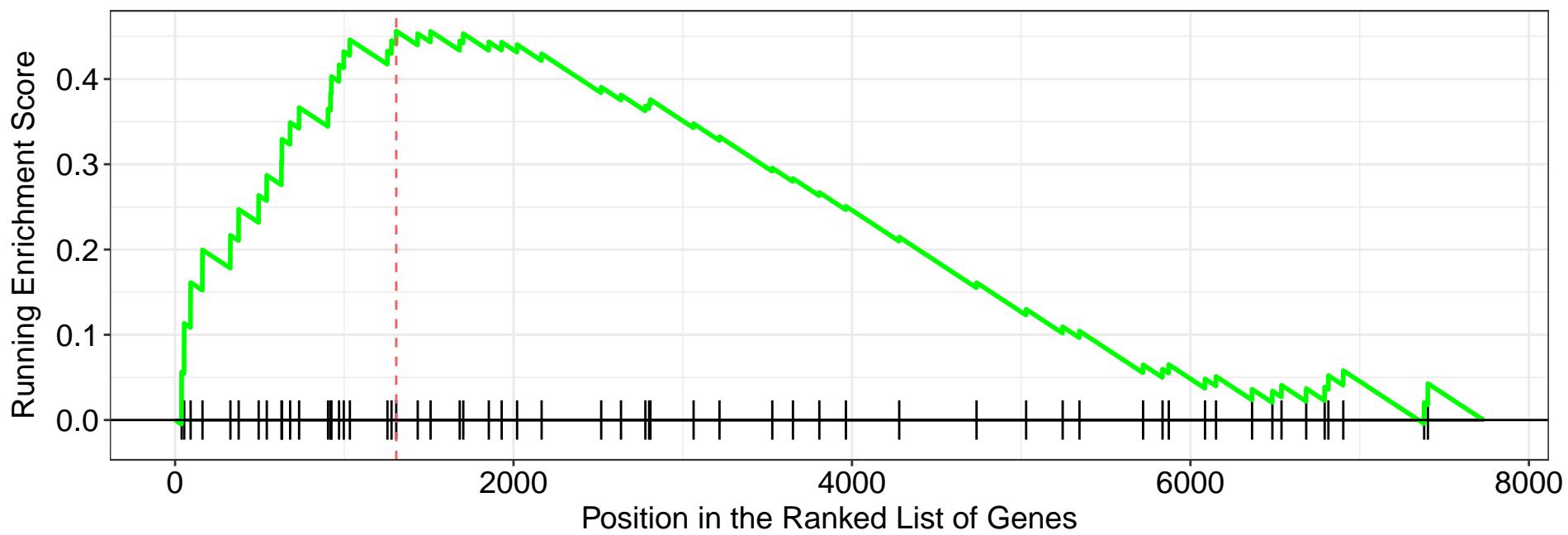
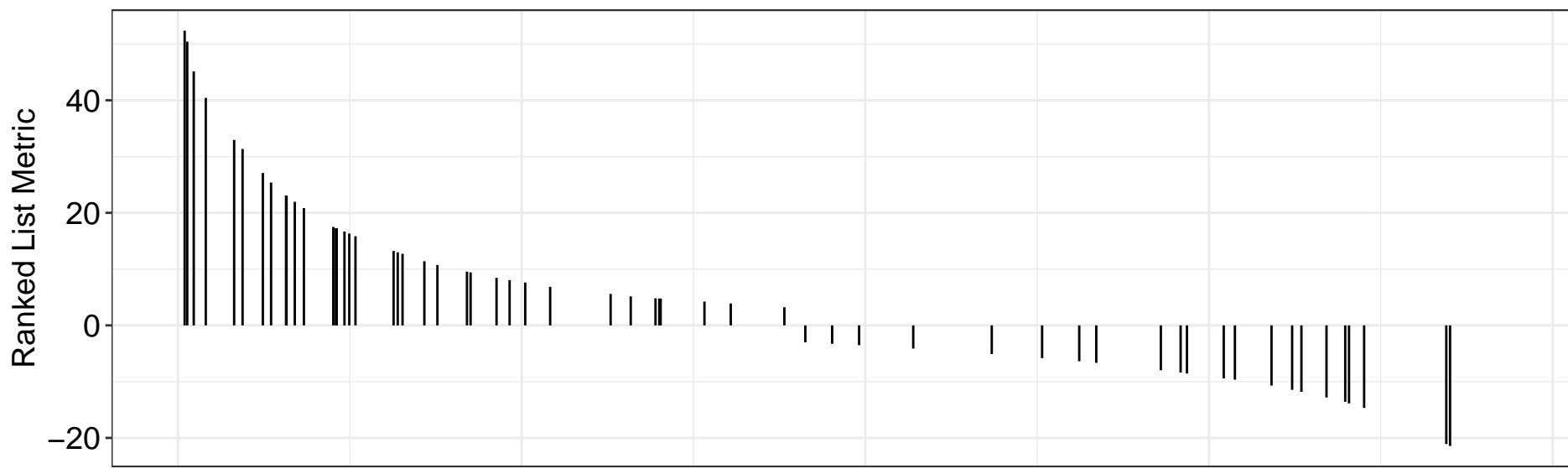
# regulation of natural killer cell mediated cytotoxicity



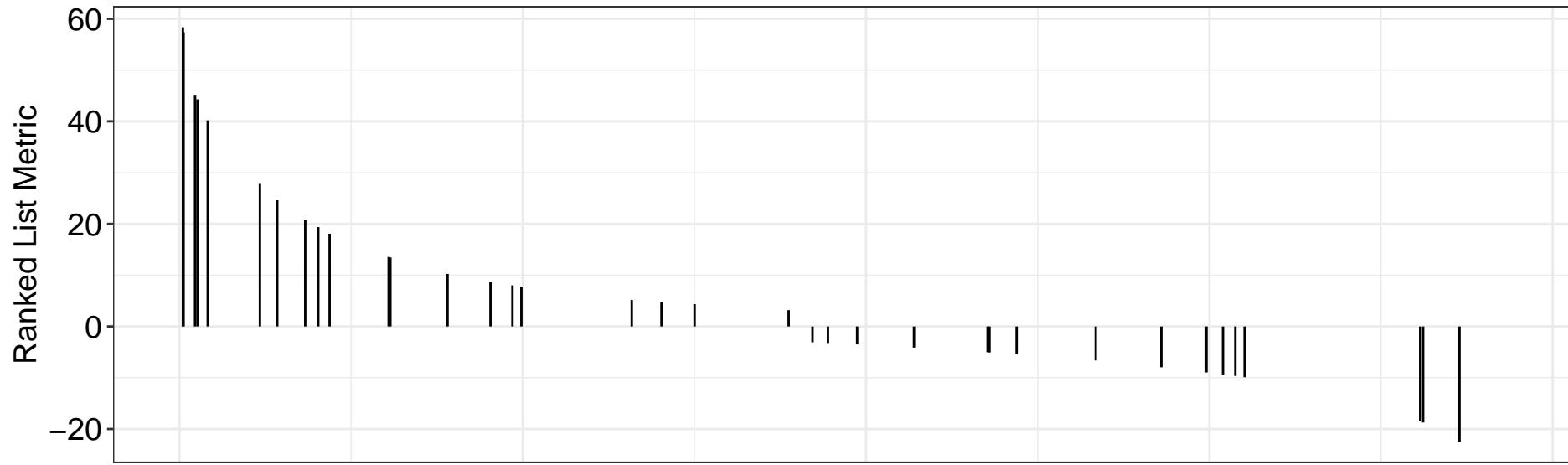
# negative regulation of T cell differentiation



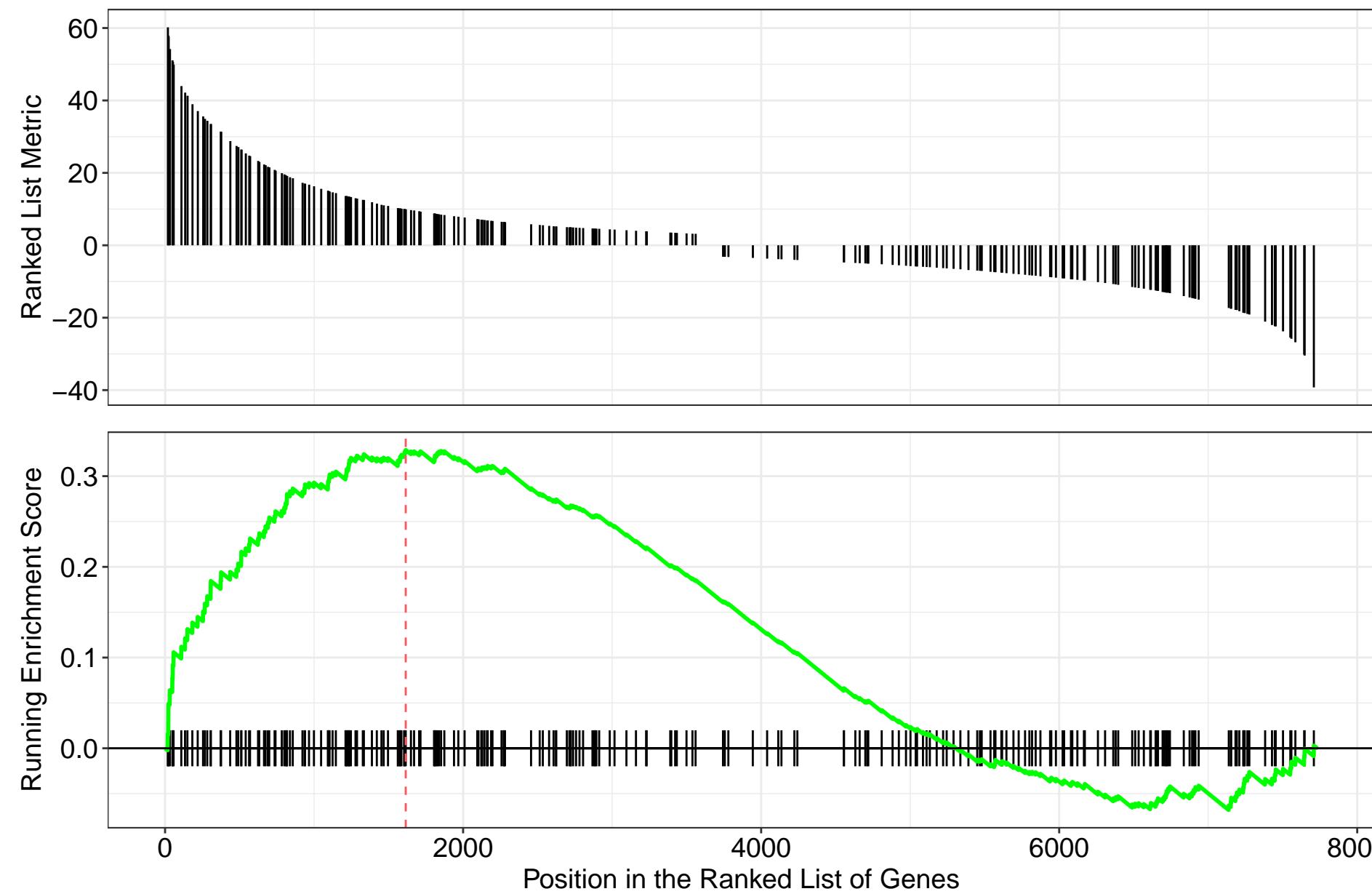
# regulation of pattern recognition receptor signaling pathway



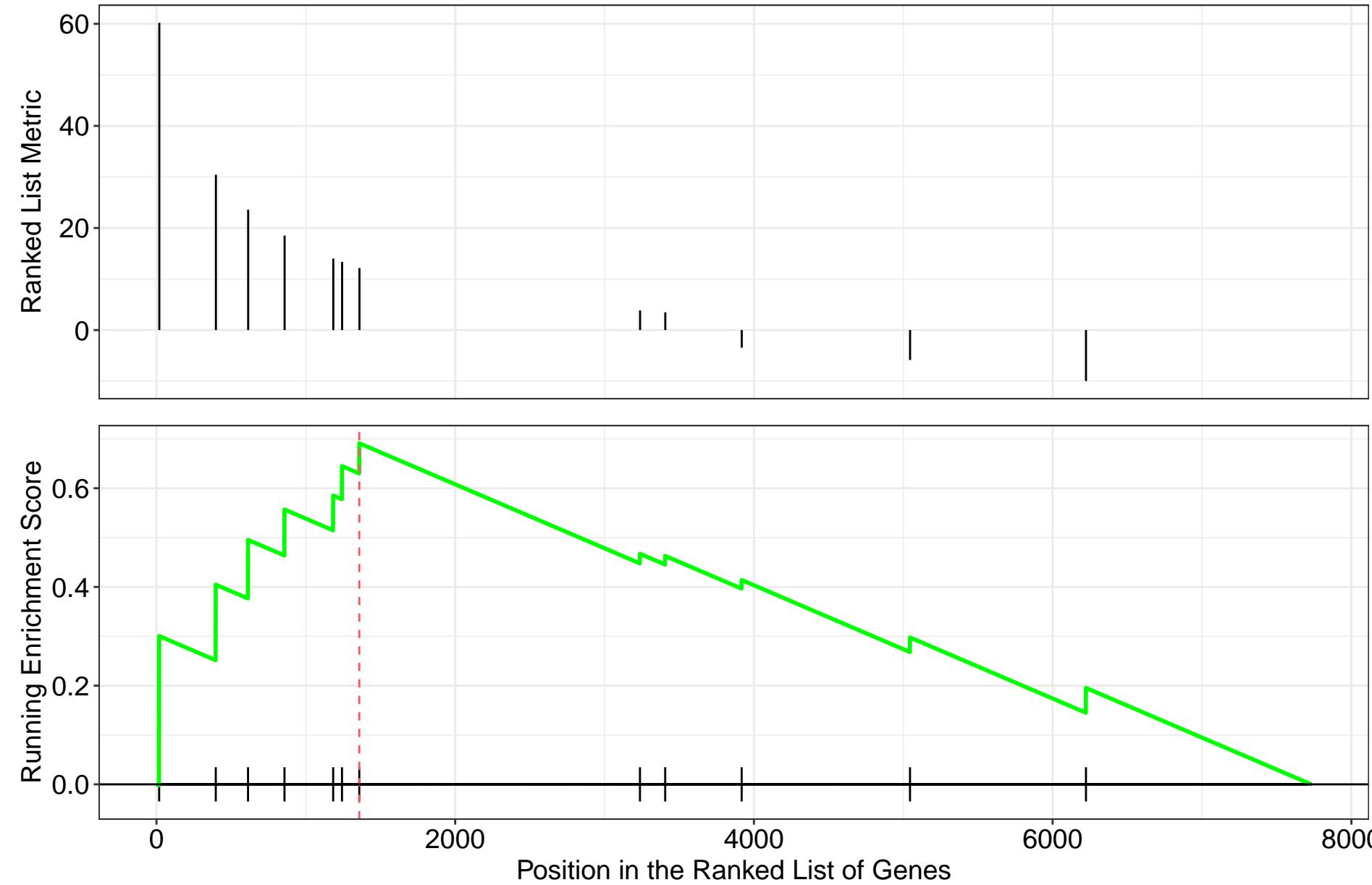
# cytokine production involved in inflammatory response



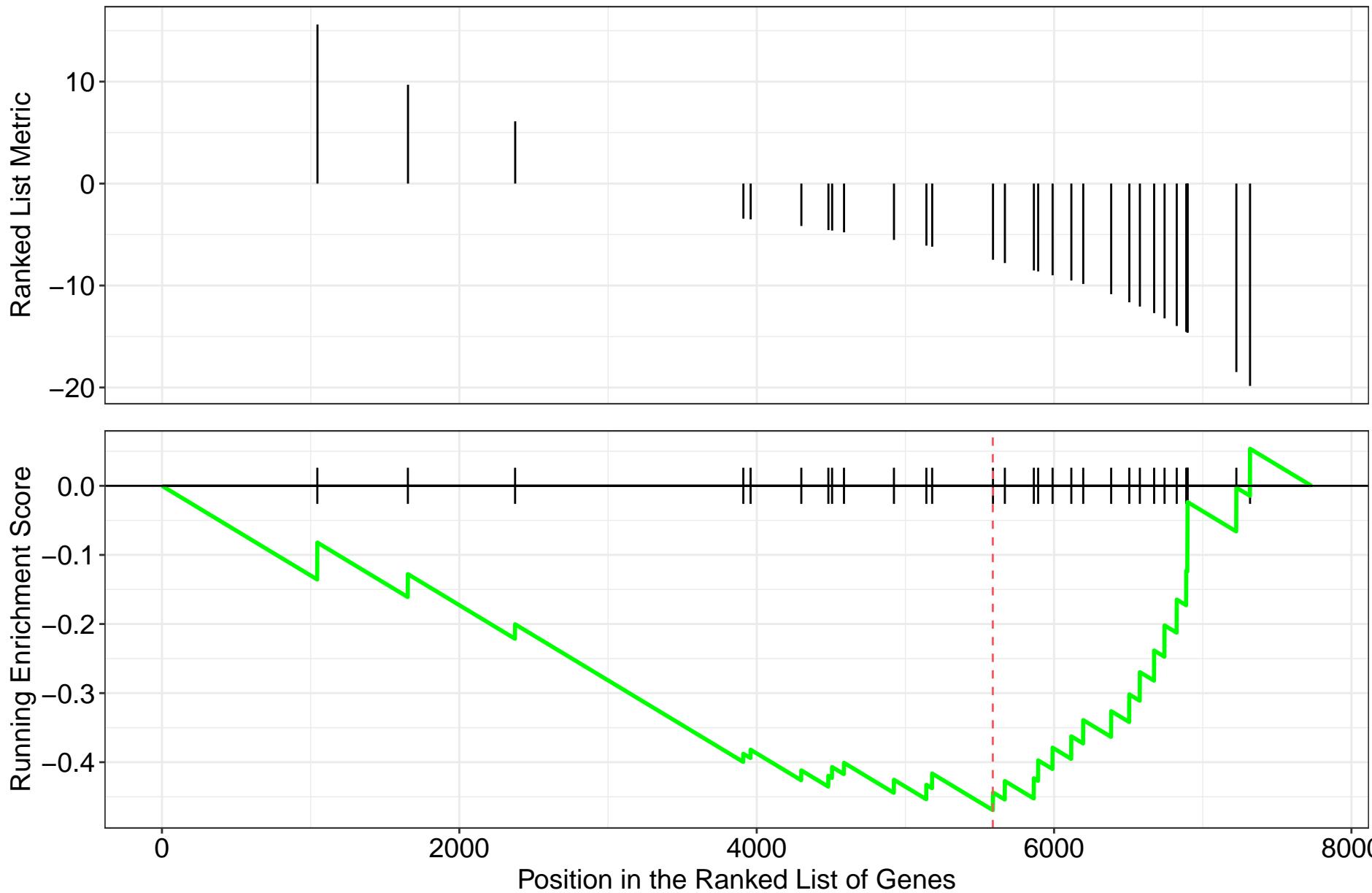
# angiogenesis



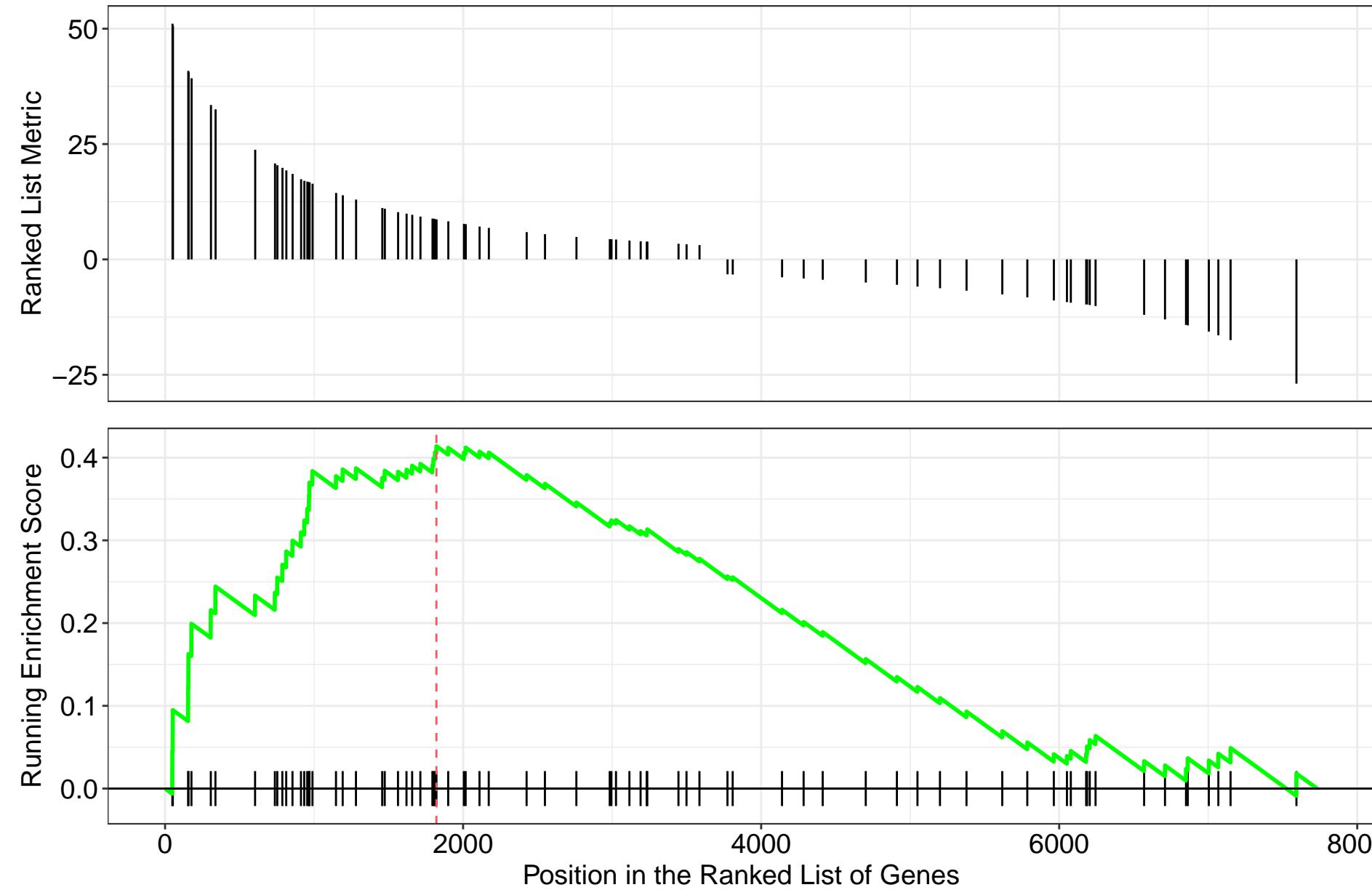
# regulation of mitochondrial depolarization



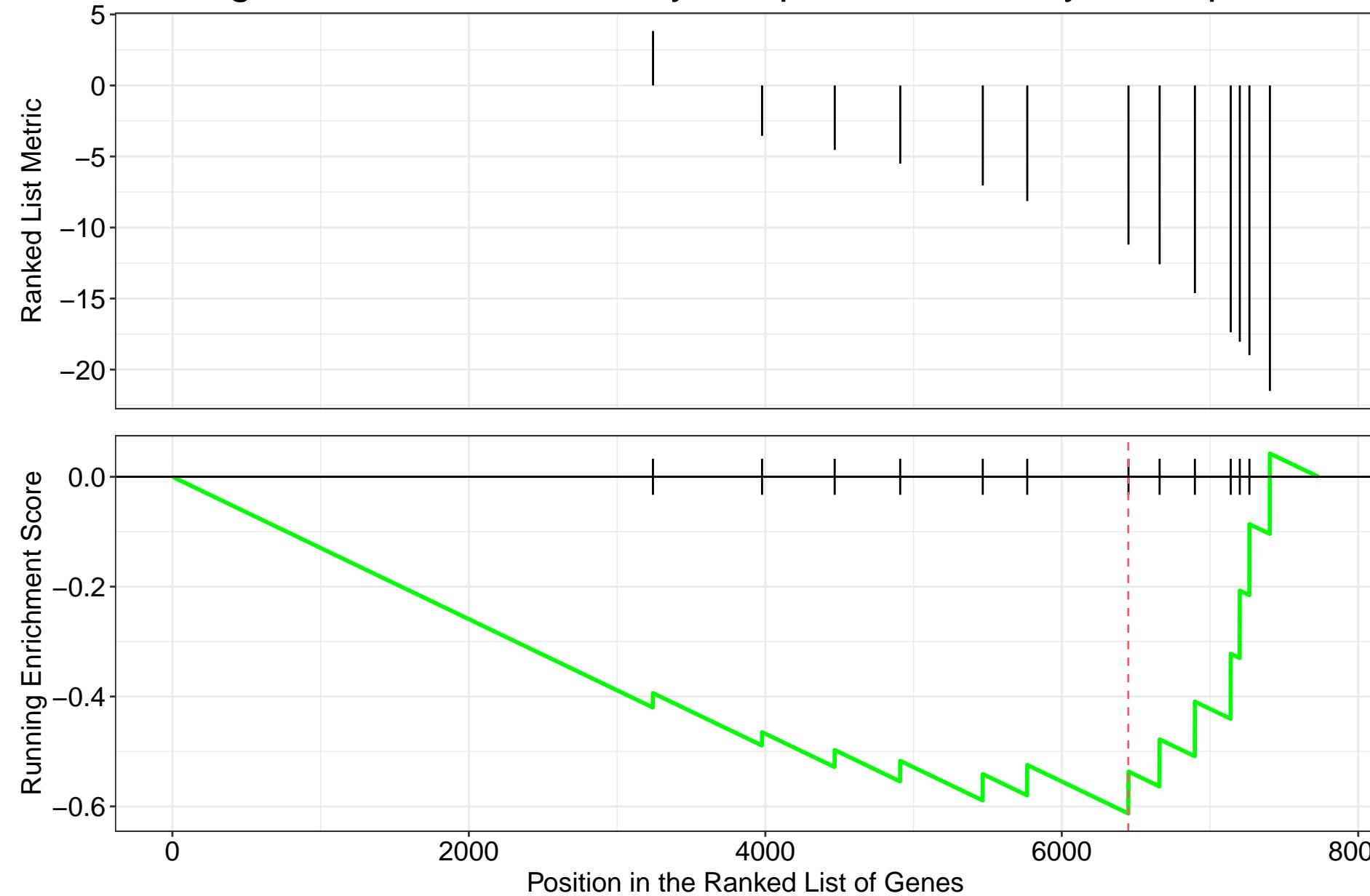
# DNA–templated DNA replication maintenance of fidelity



# epidermal cell differentiation

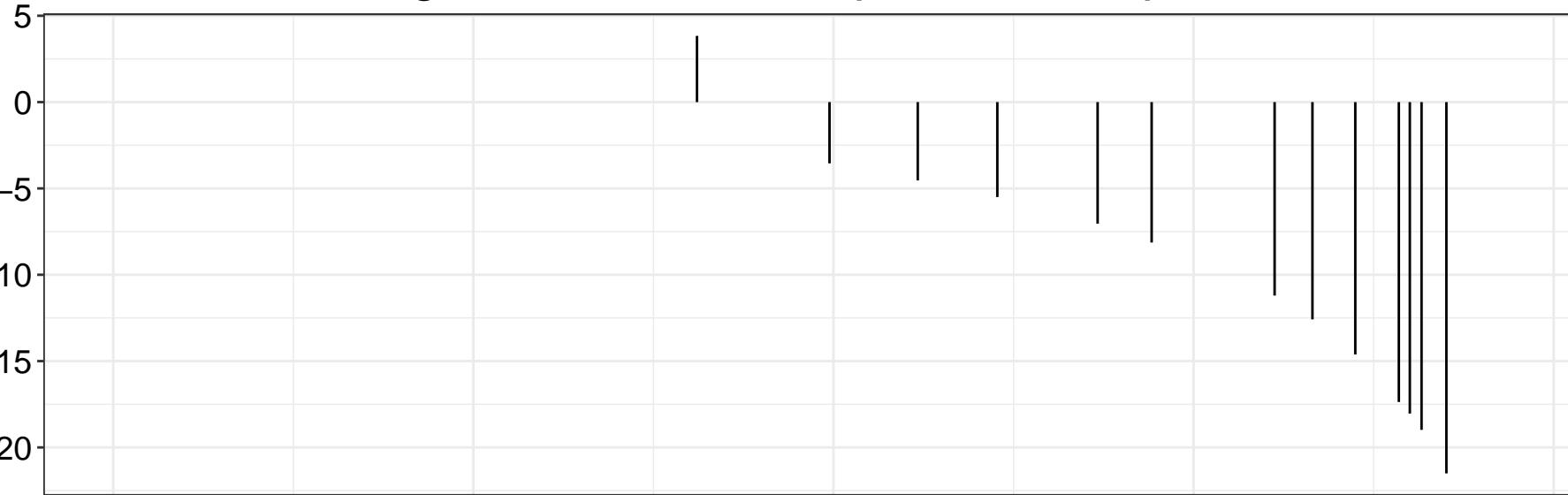


# regulation of mitotic cell cycle spindle assembly checkpoint



# regulation of mitotic spindle checkpoint

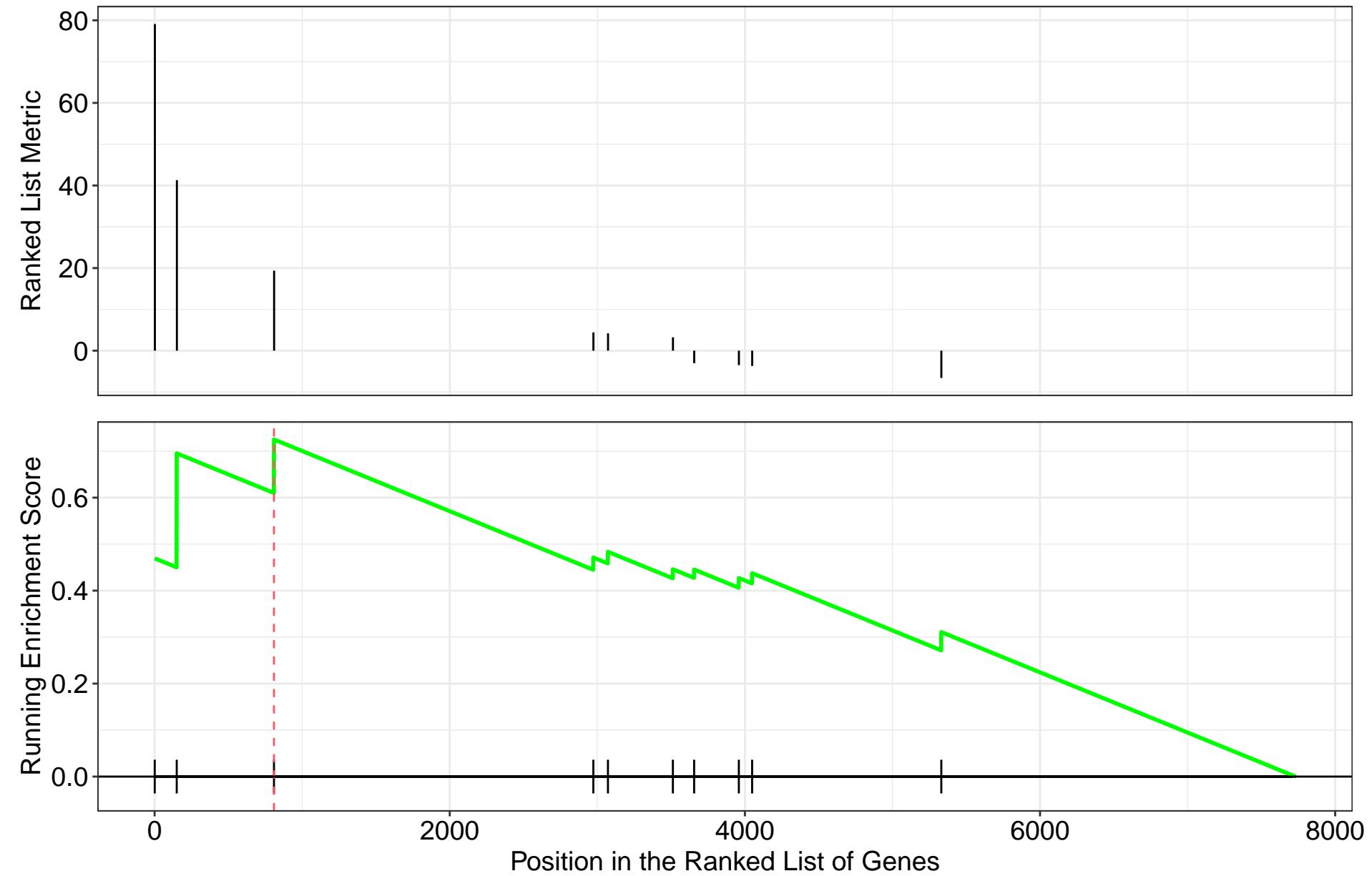
Ranked List Metric



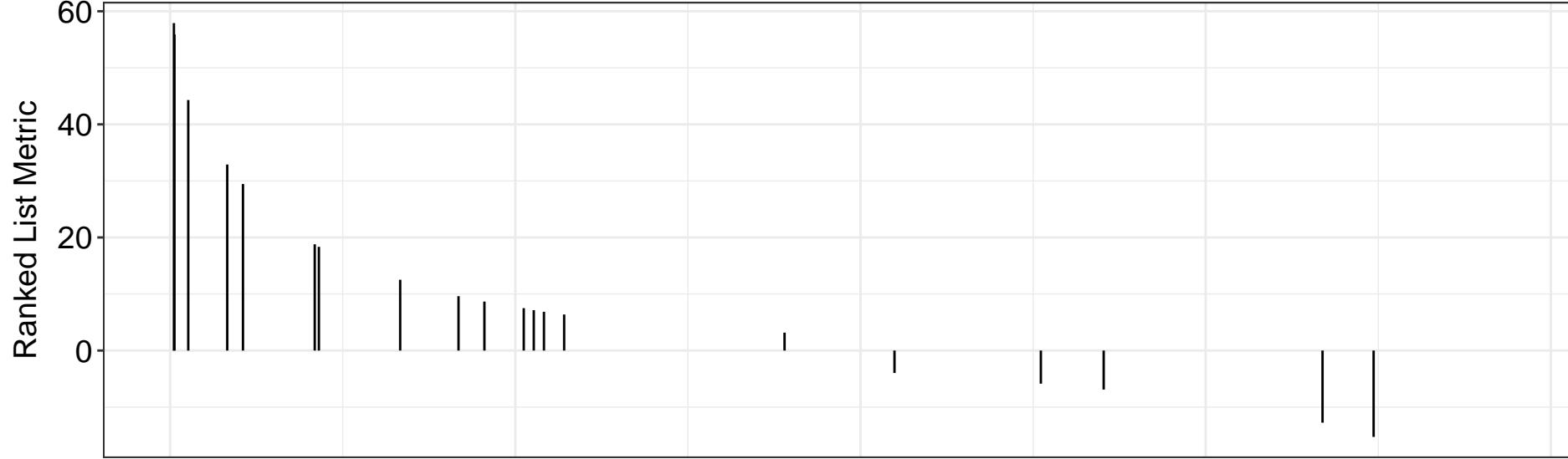
Running Enrichment Score



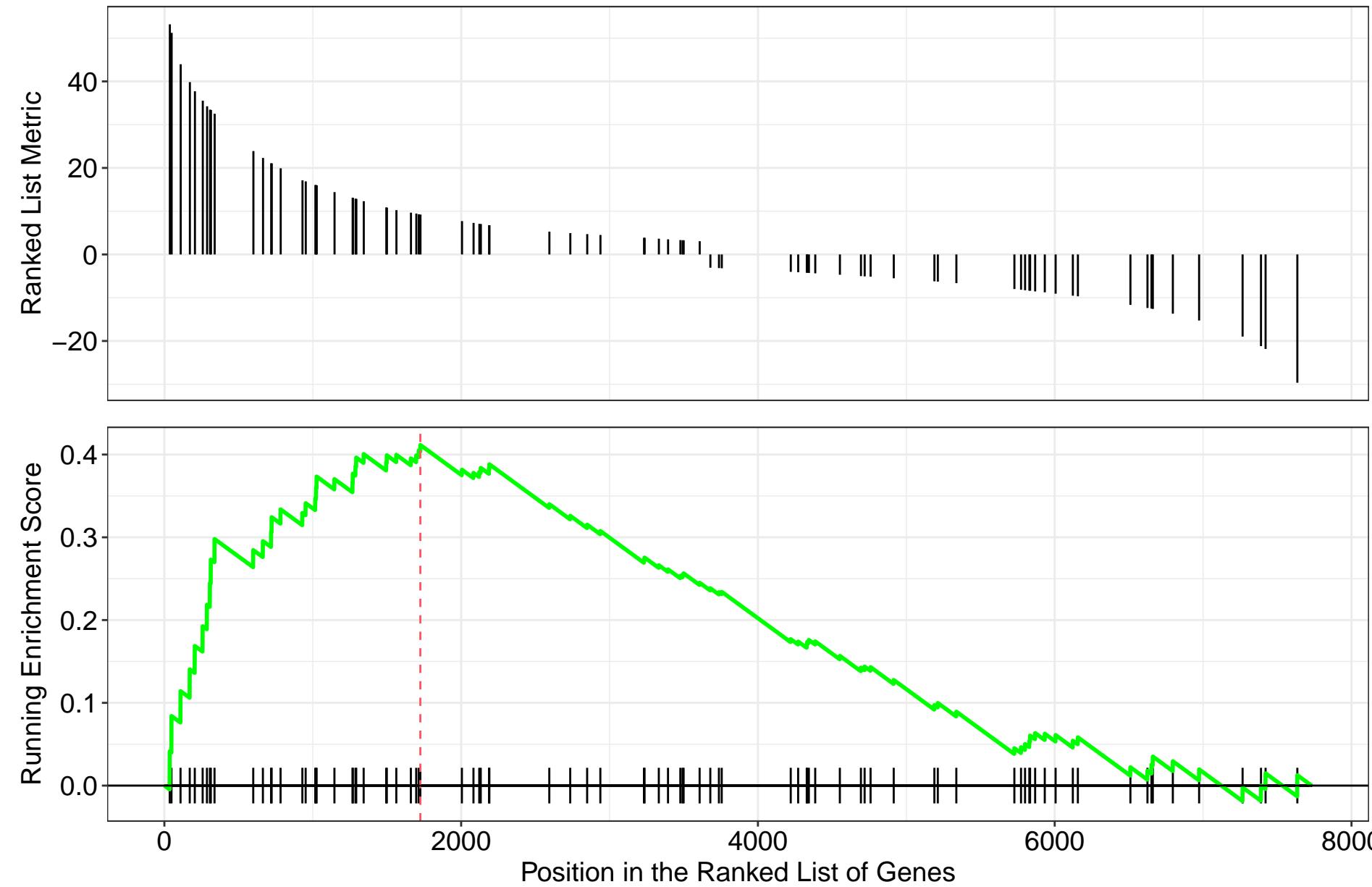
# modulation by host of viral genome replication



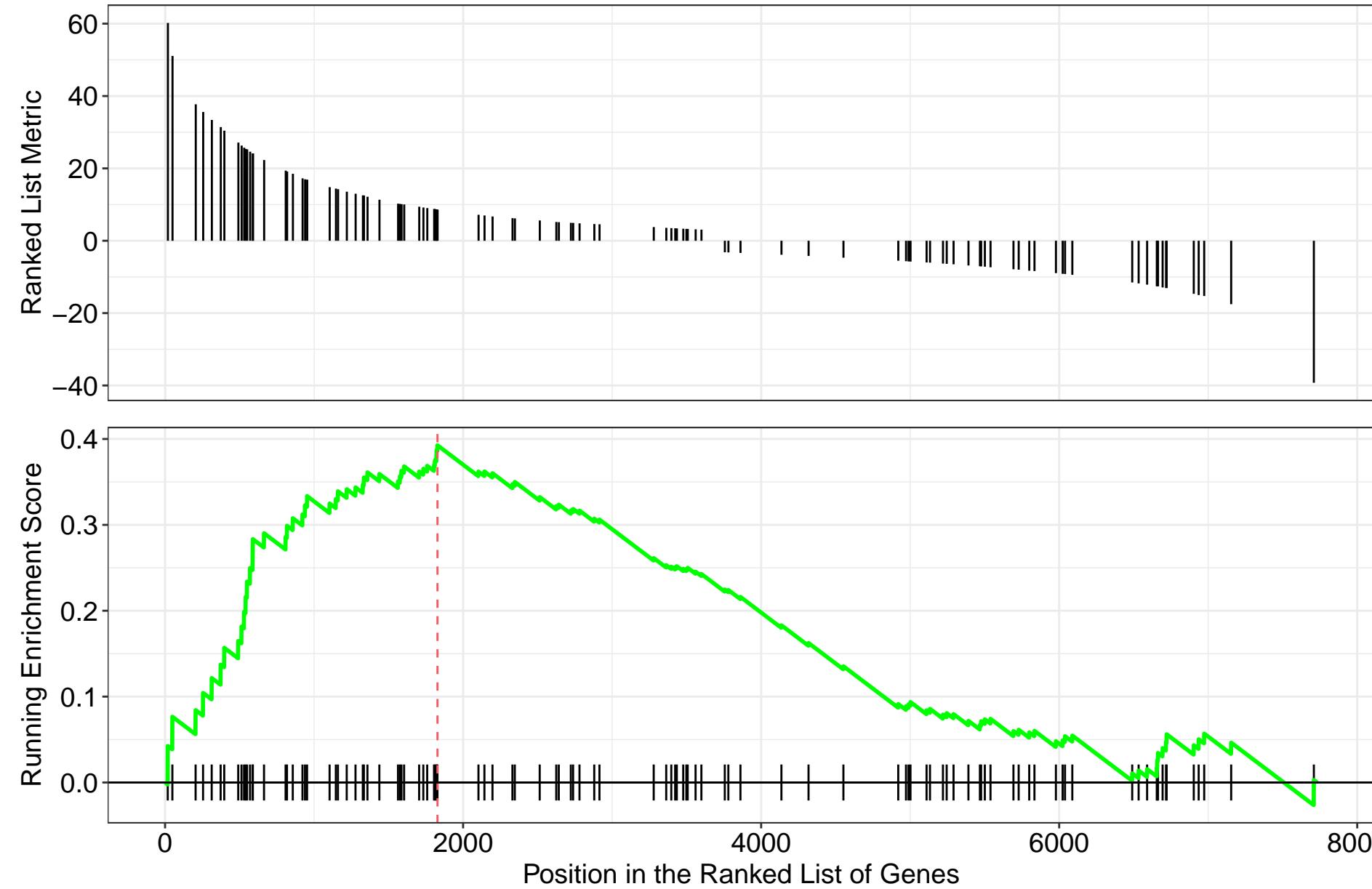
# positive regulation of leukocyte apoptotic process



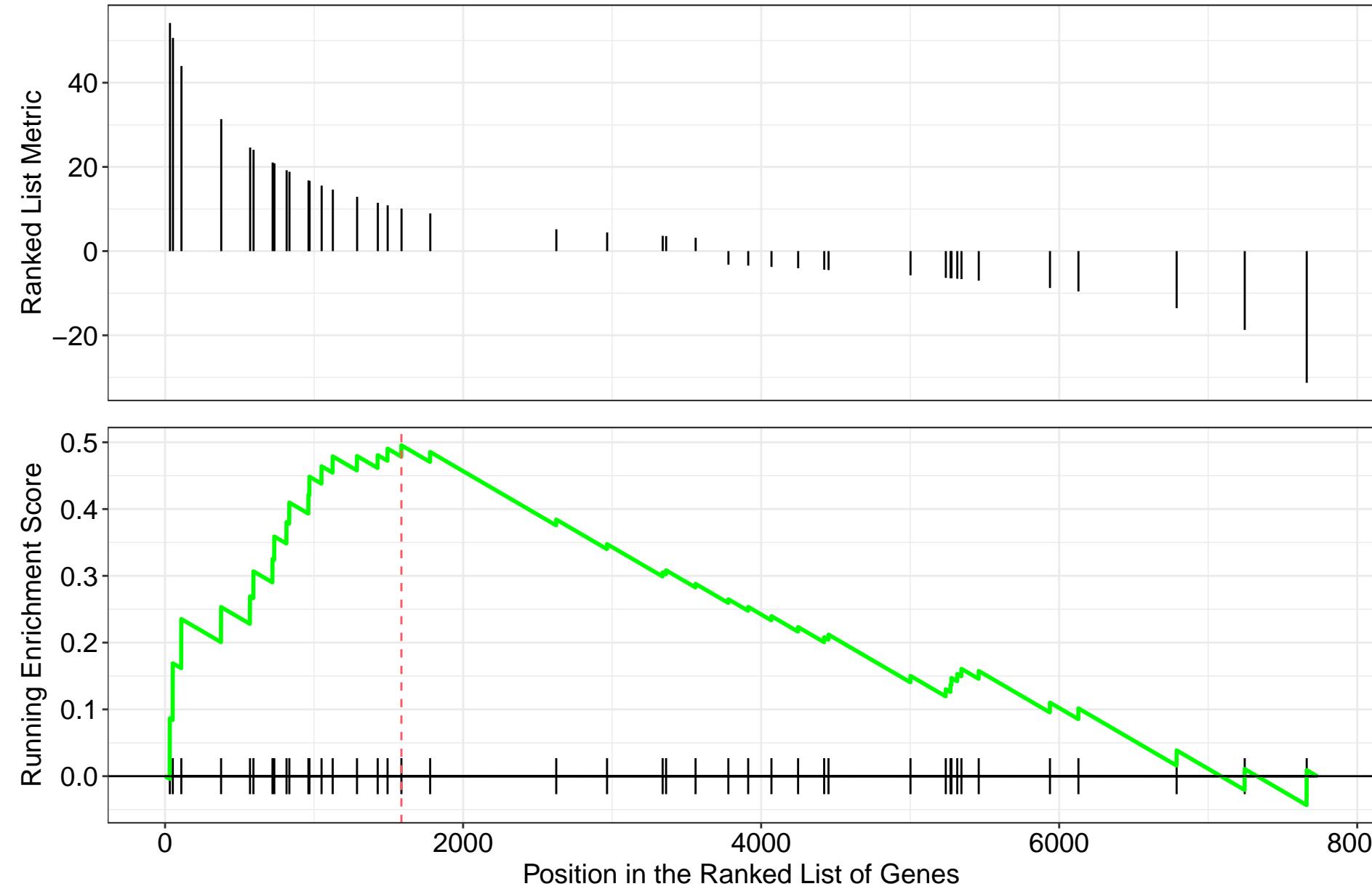
# cardiac muscle tissue development



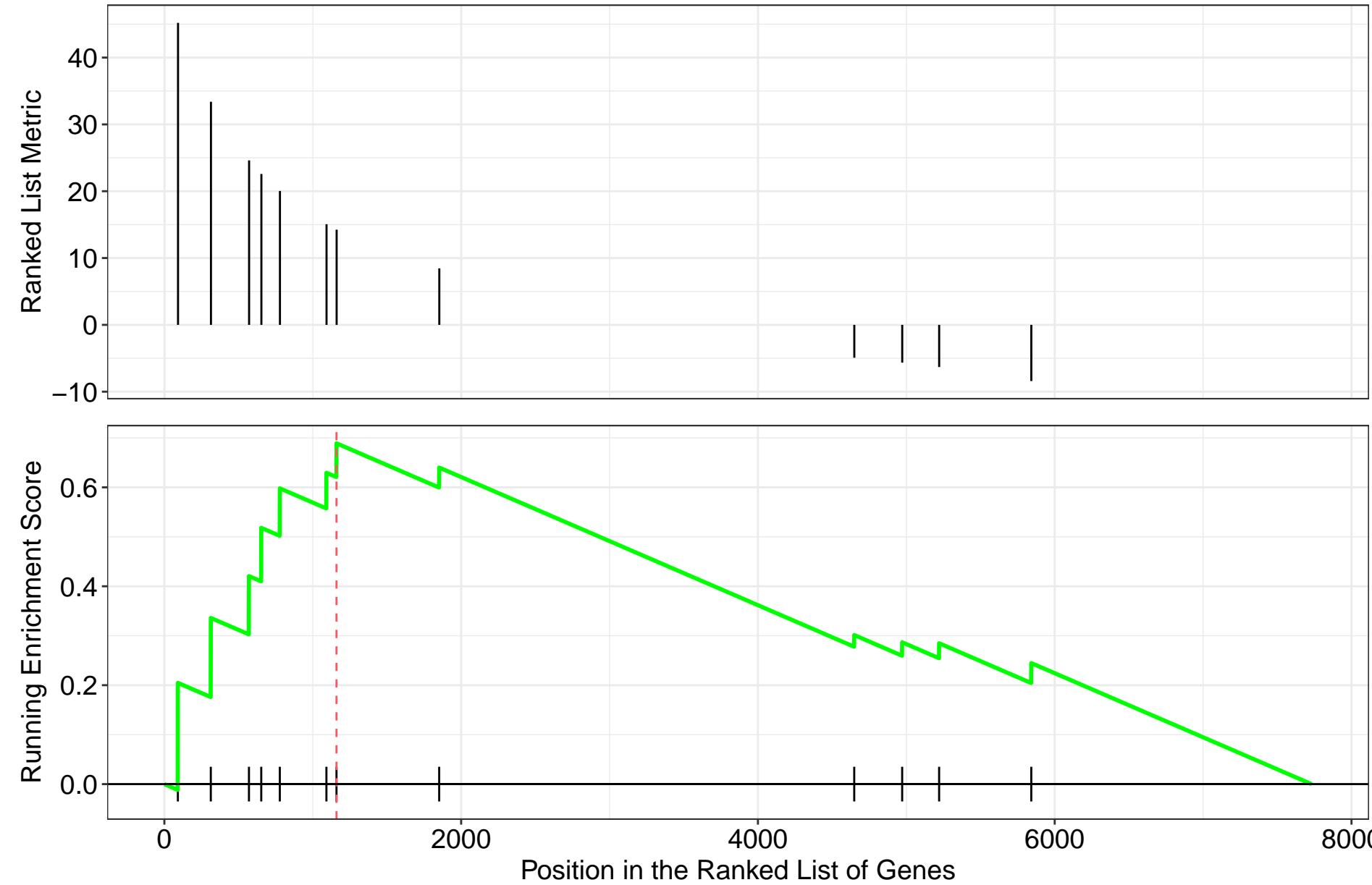
# regulation of epithelial cell migration



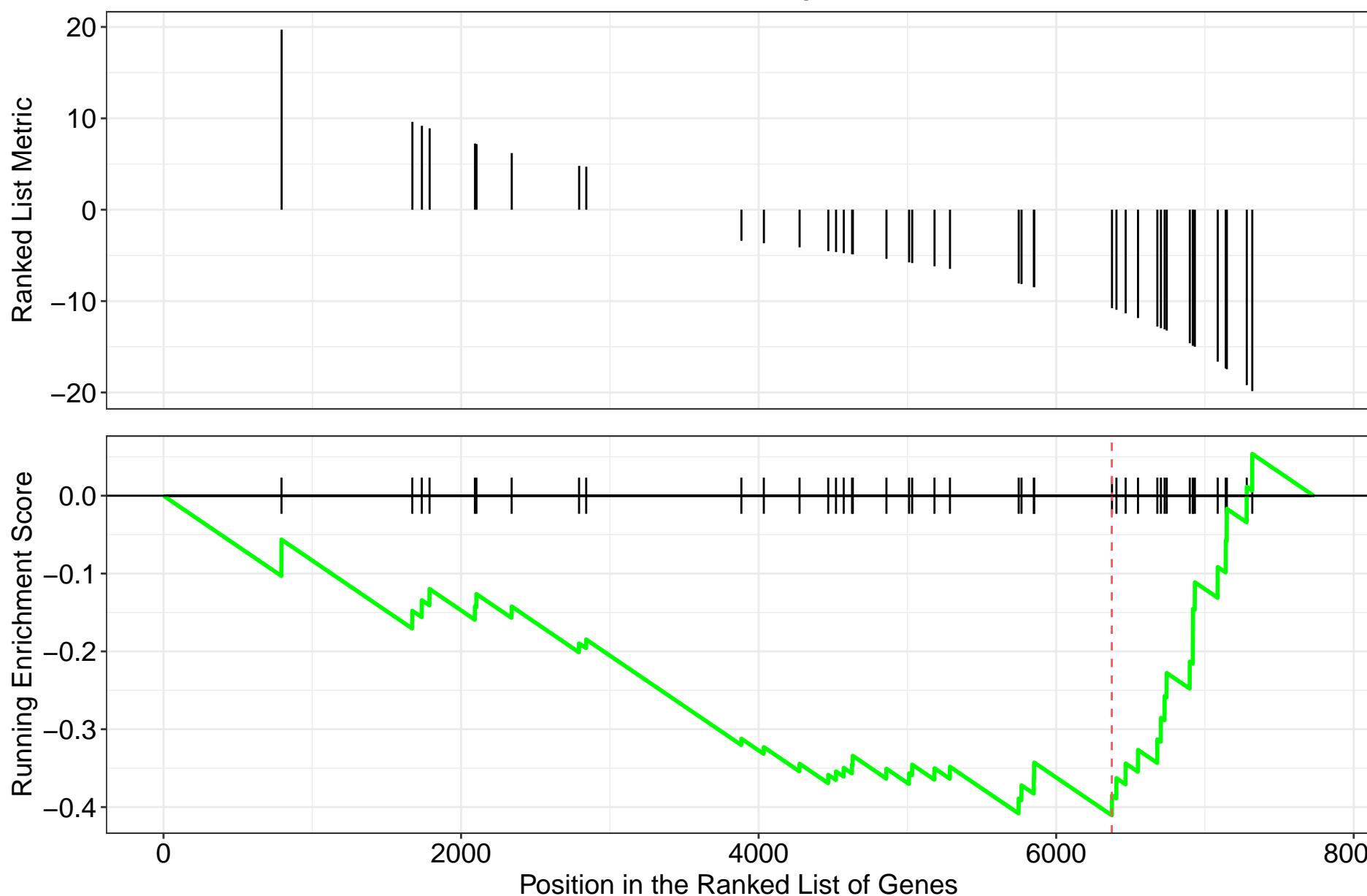
# regulation of oxidoreductase activity



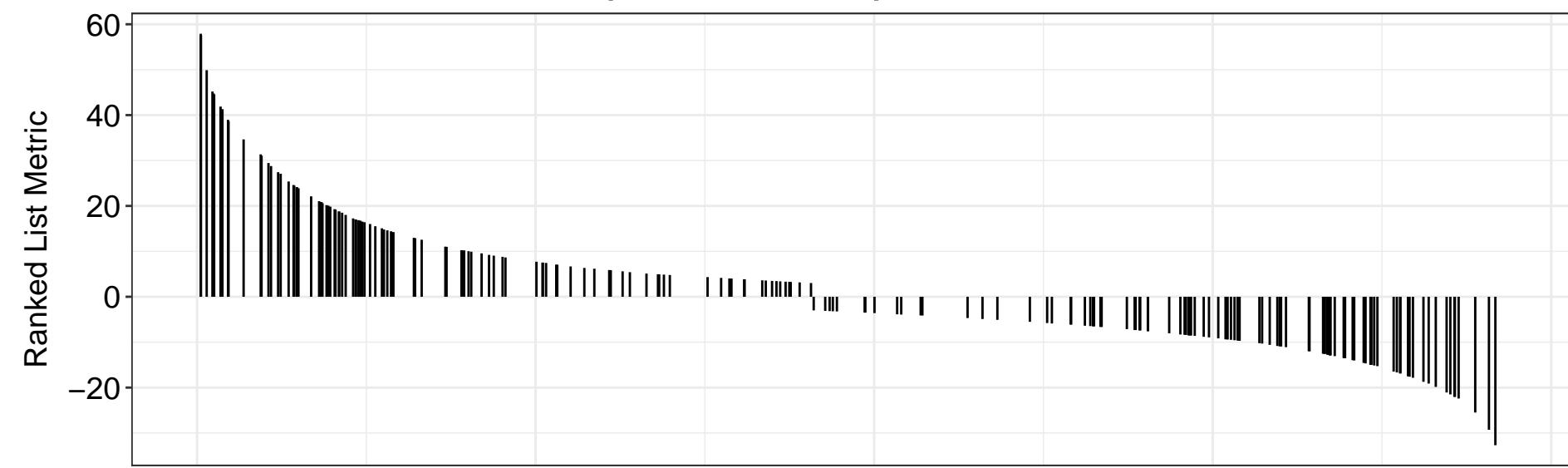
# branching involved in salivary gland morphogenesis



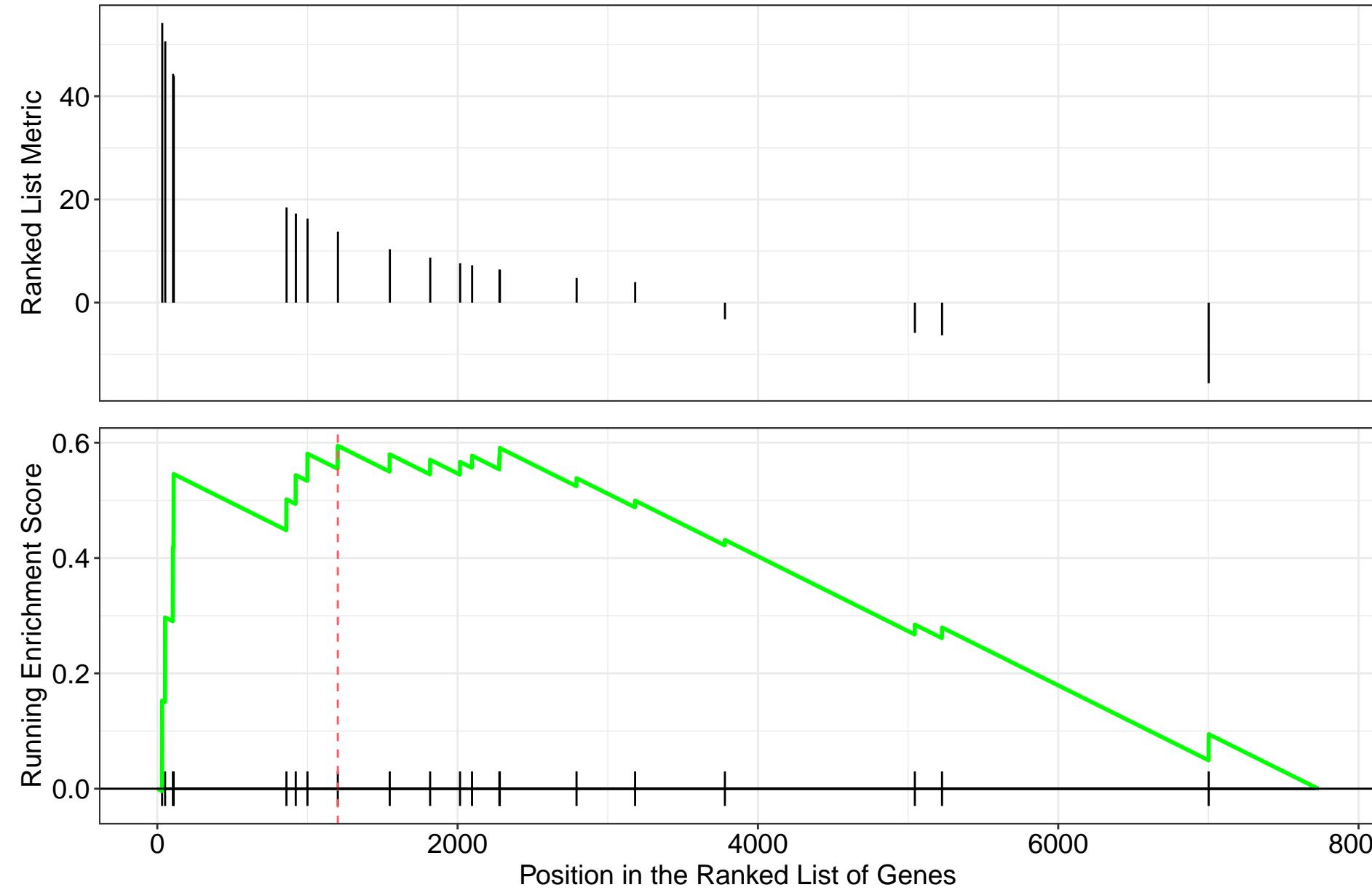
# centrosome duplication



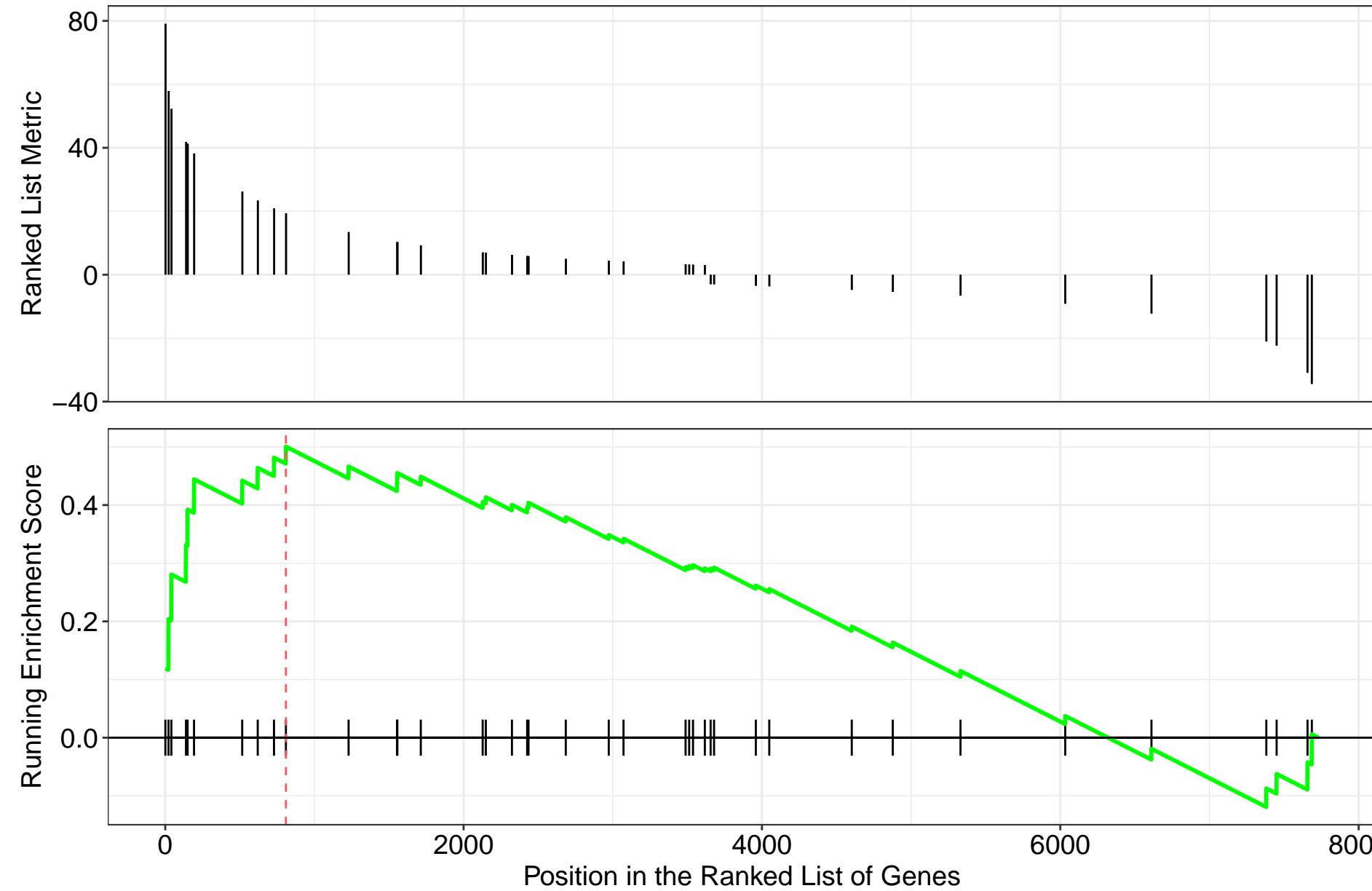
# epithelial cell proliferation



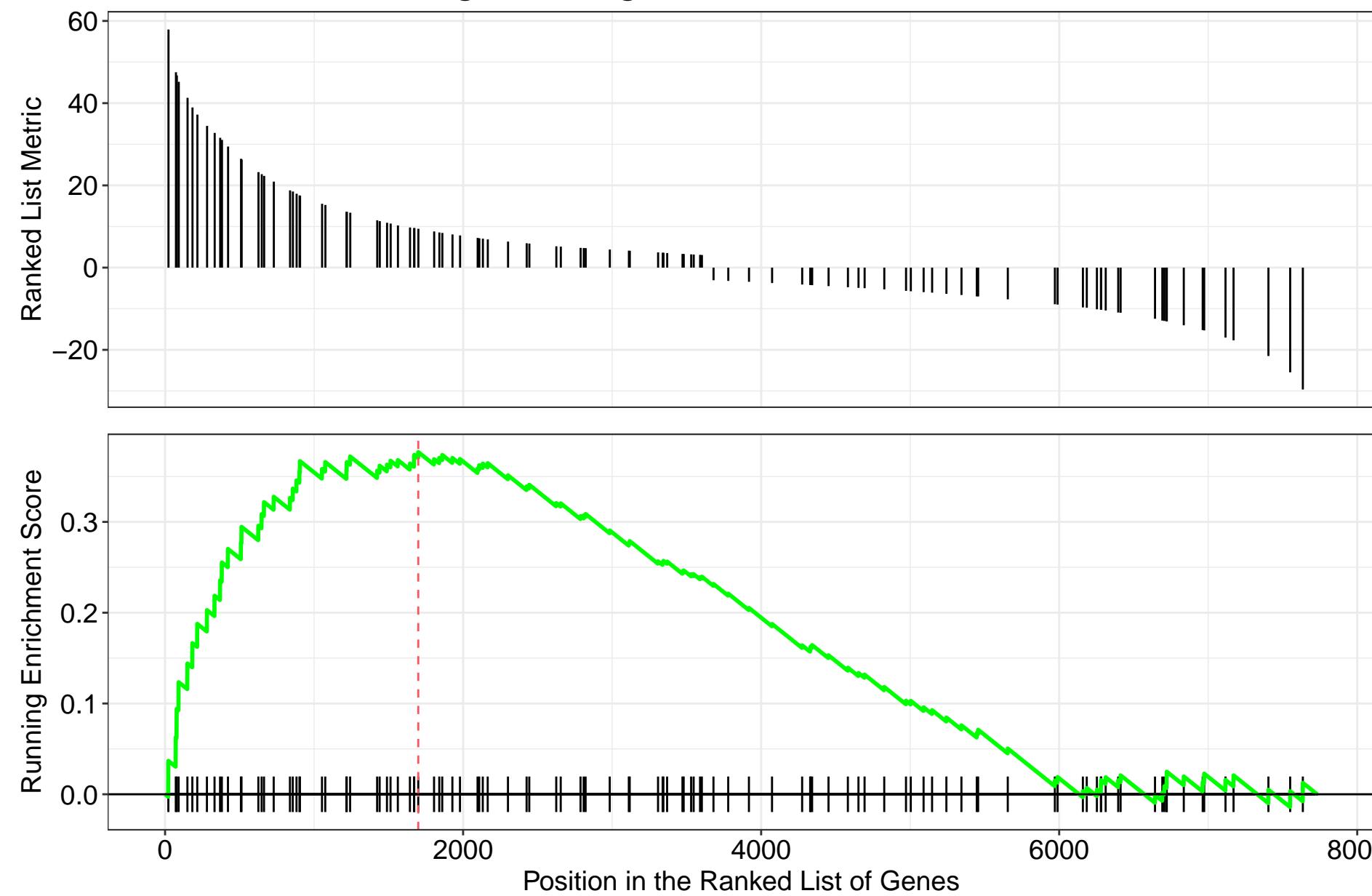
# regulation of fatty acid transport



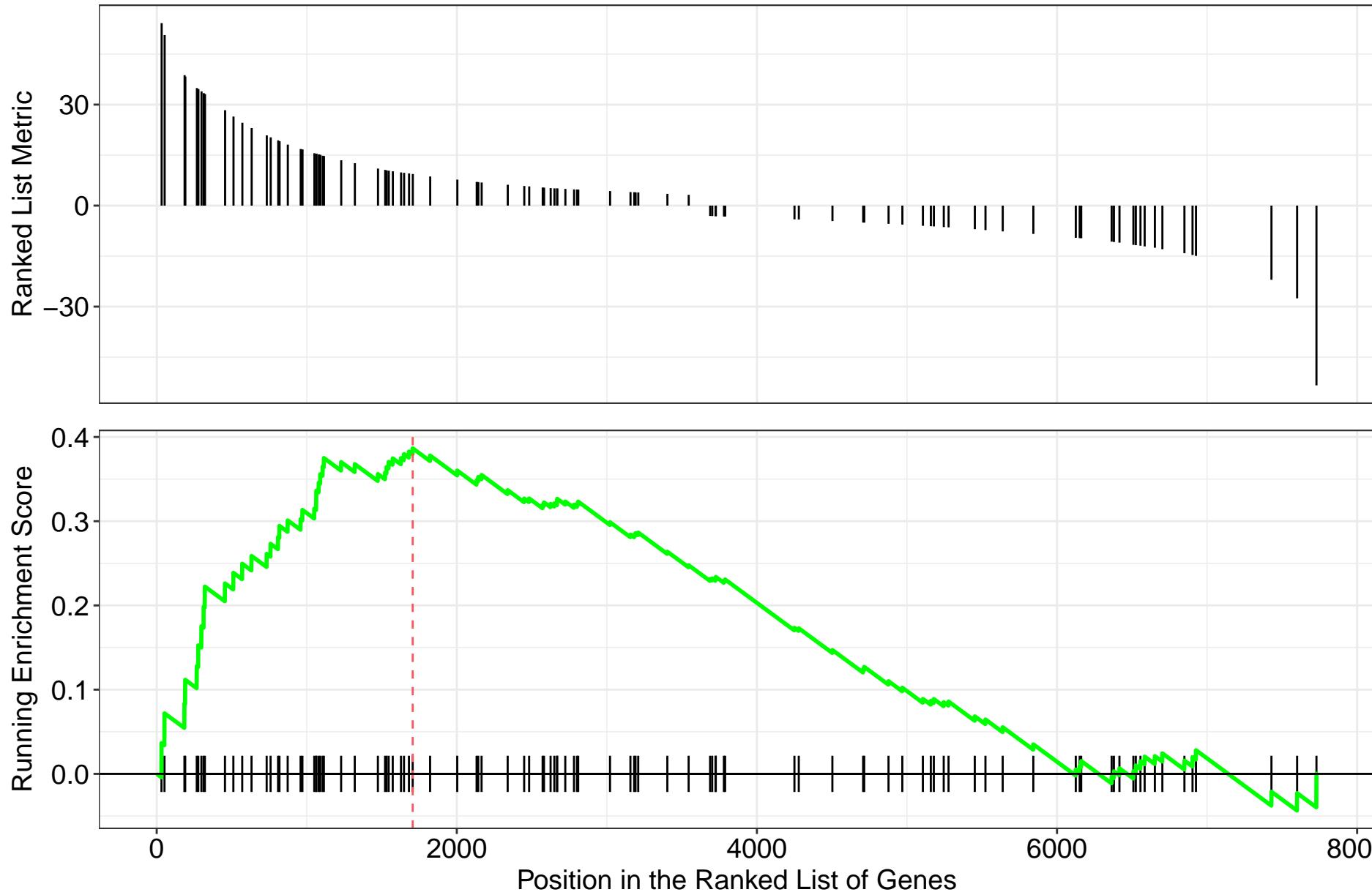
# biological process involved in interaction with symbiont



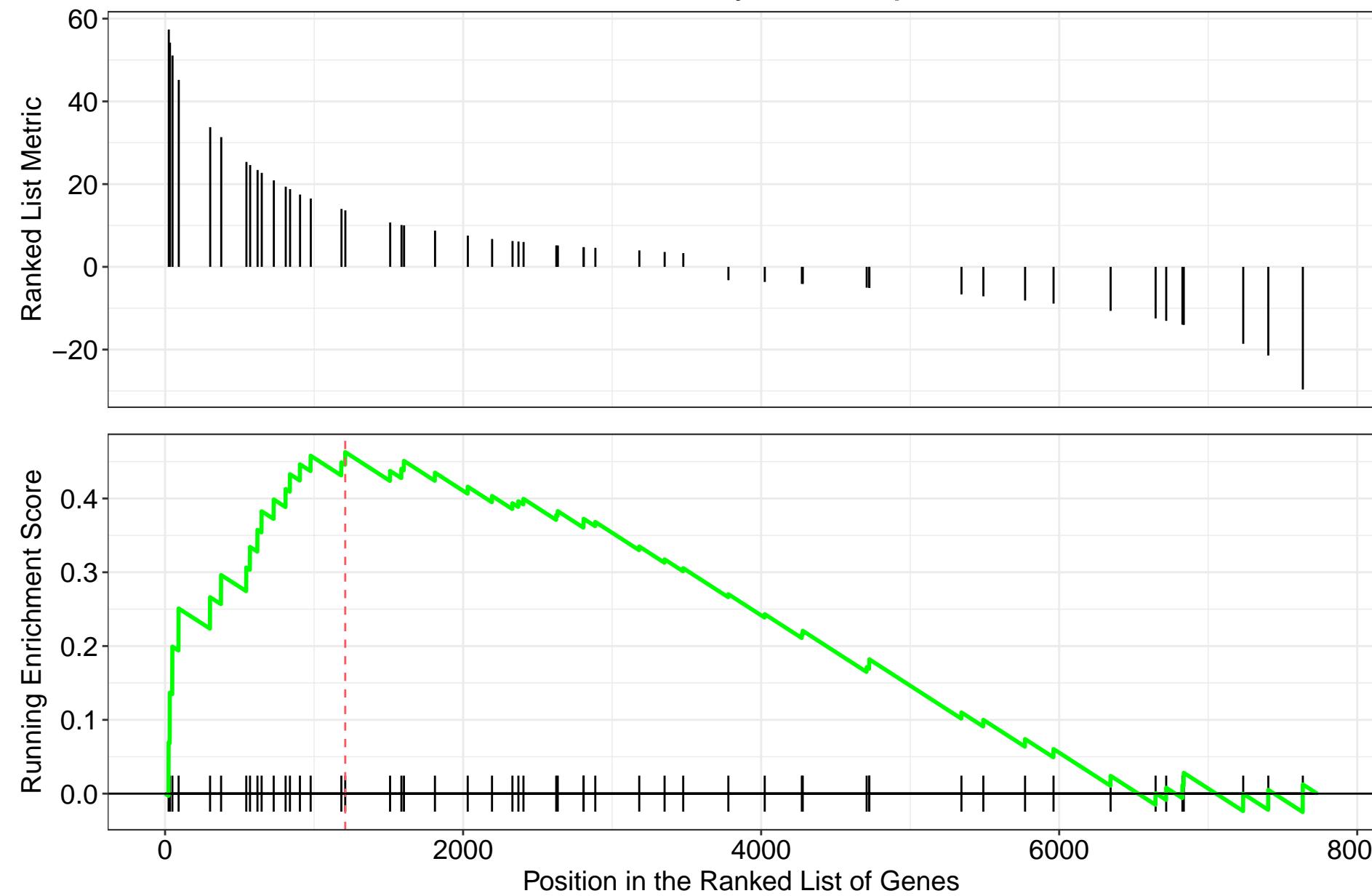
# negative regulation of neuron death



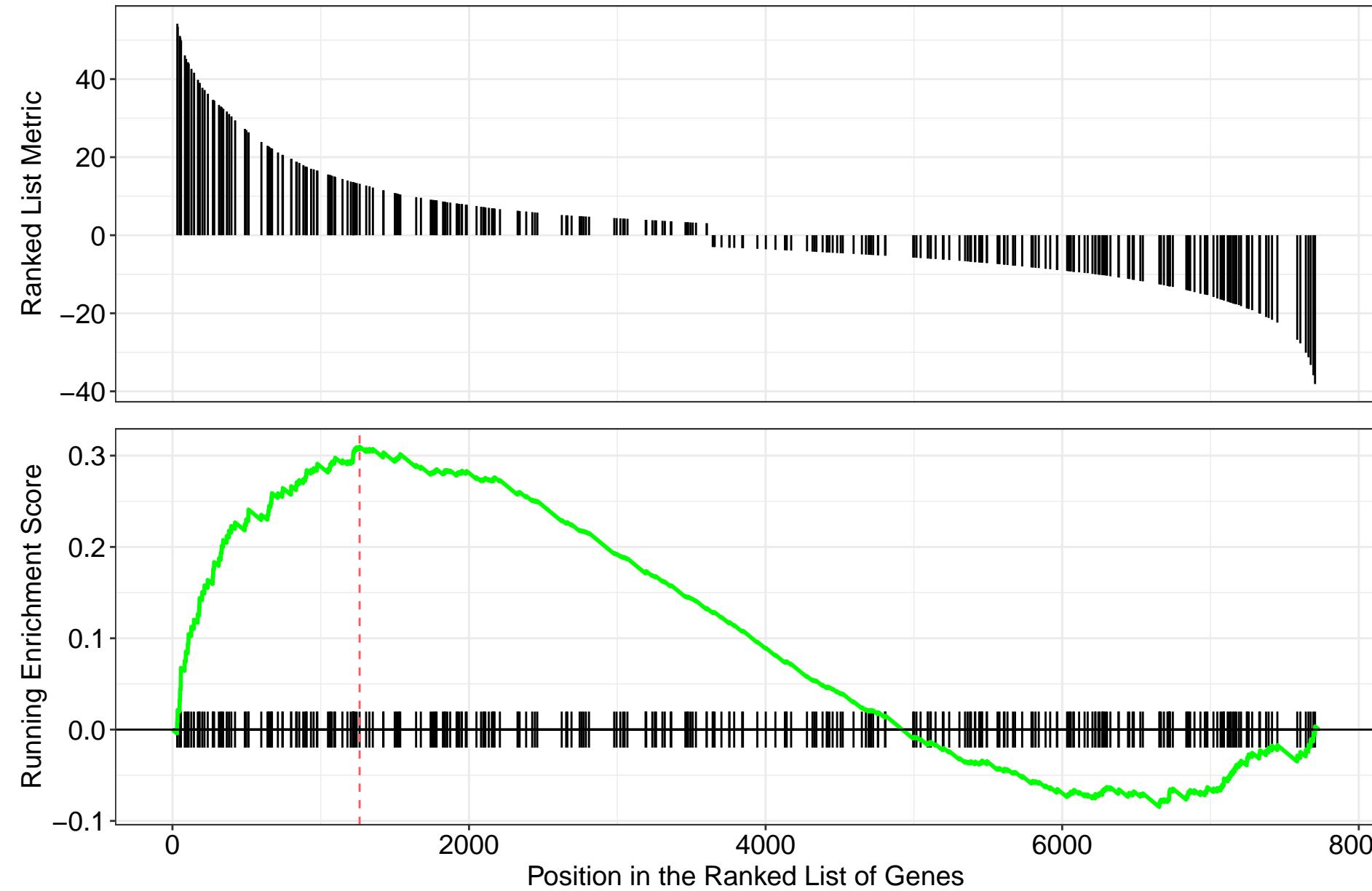
# regulation of stress-activated MAPK cascade



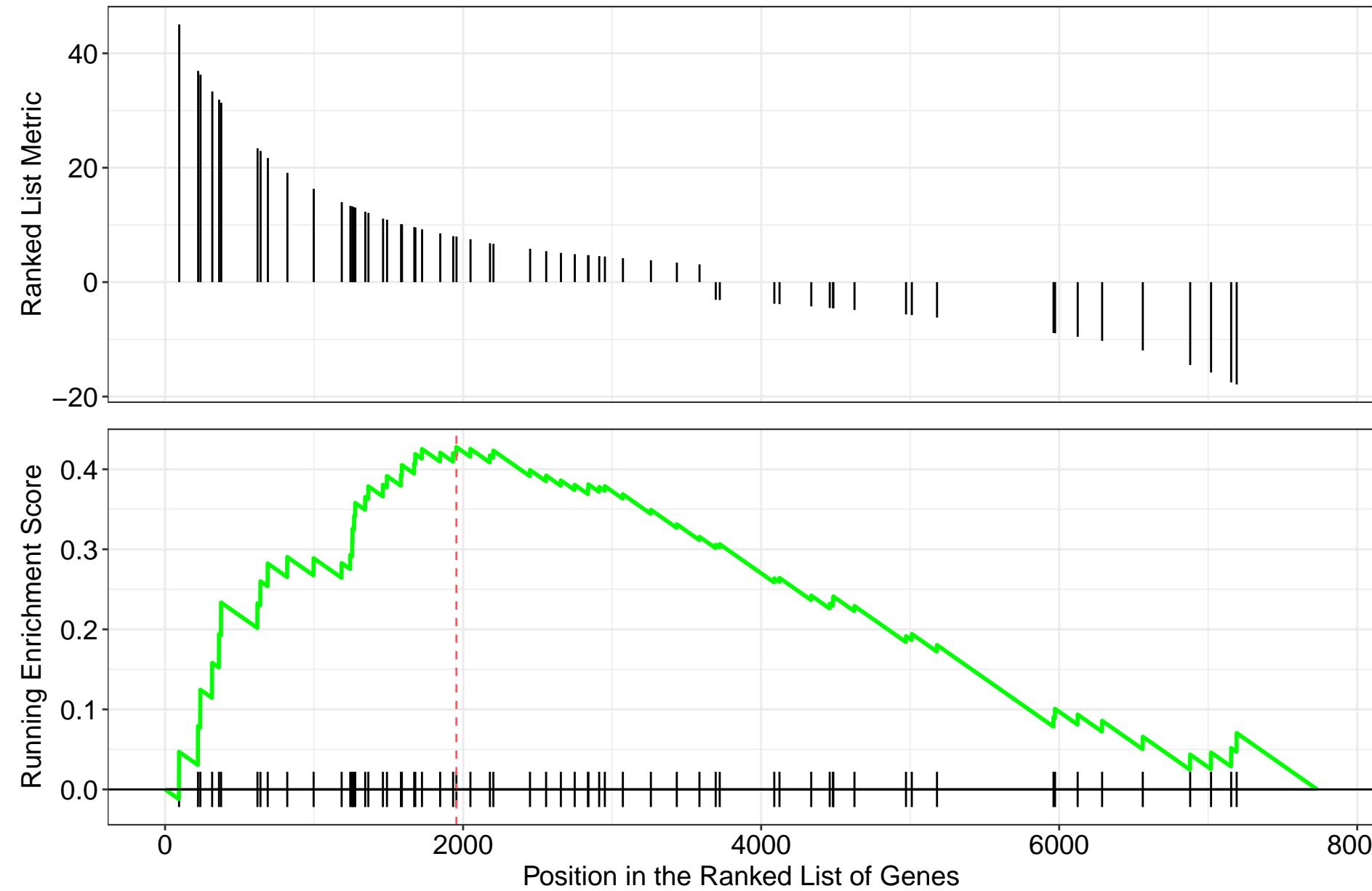
# nitric oxide biosynthetic process



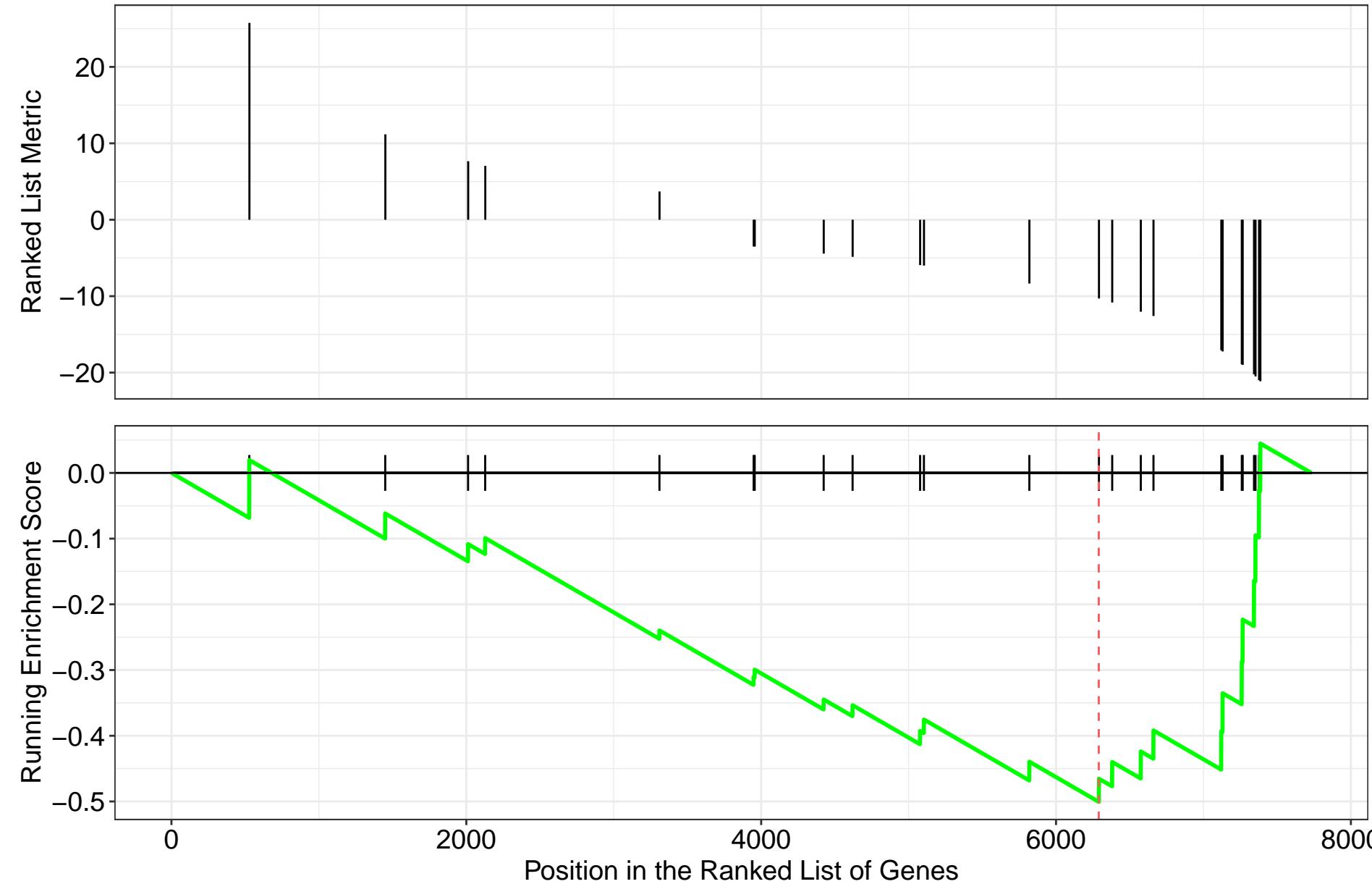
# nervous system process



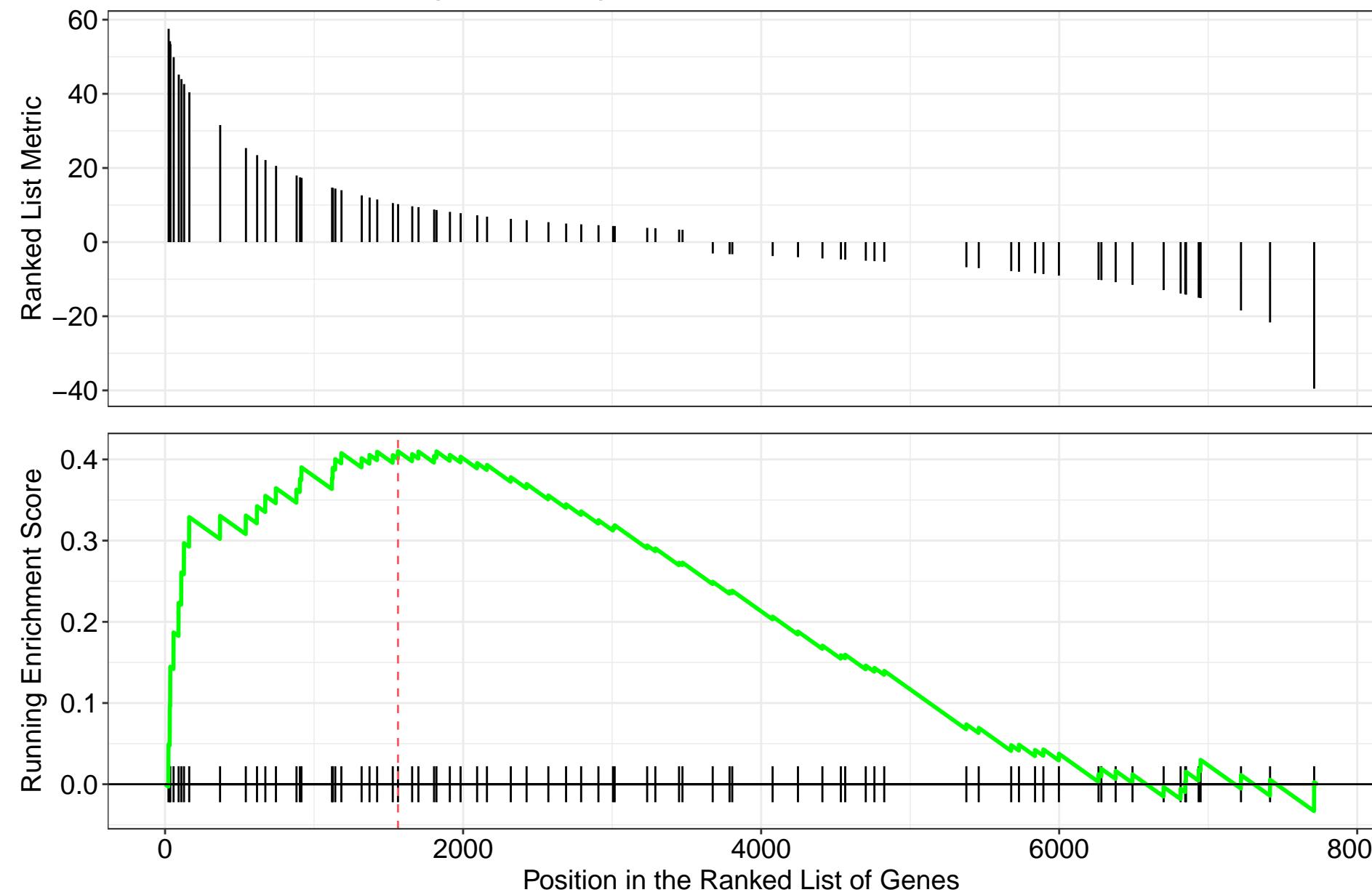
# movement in host



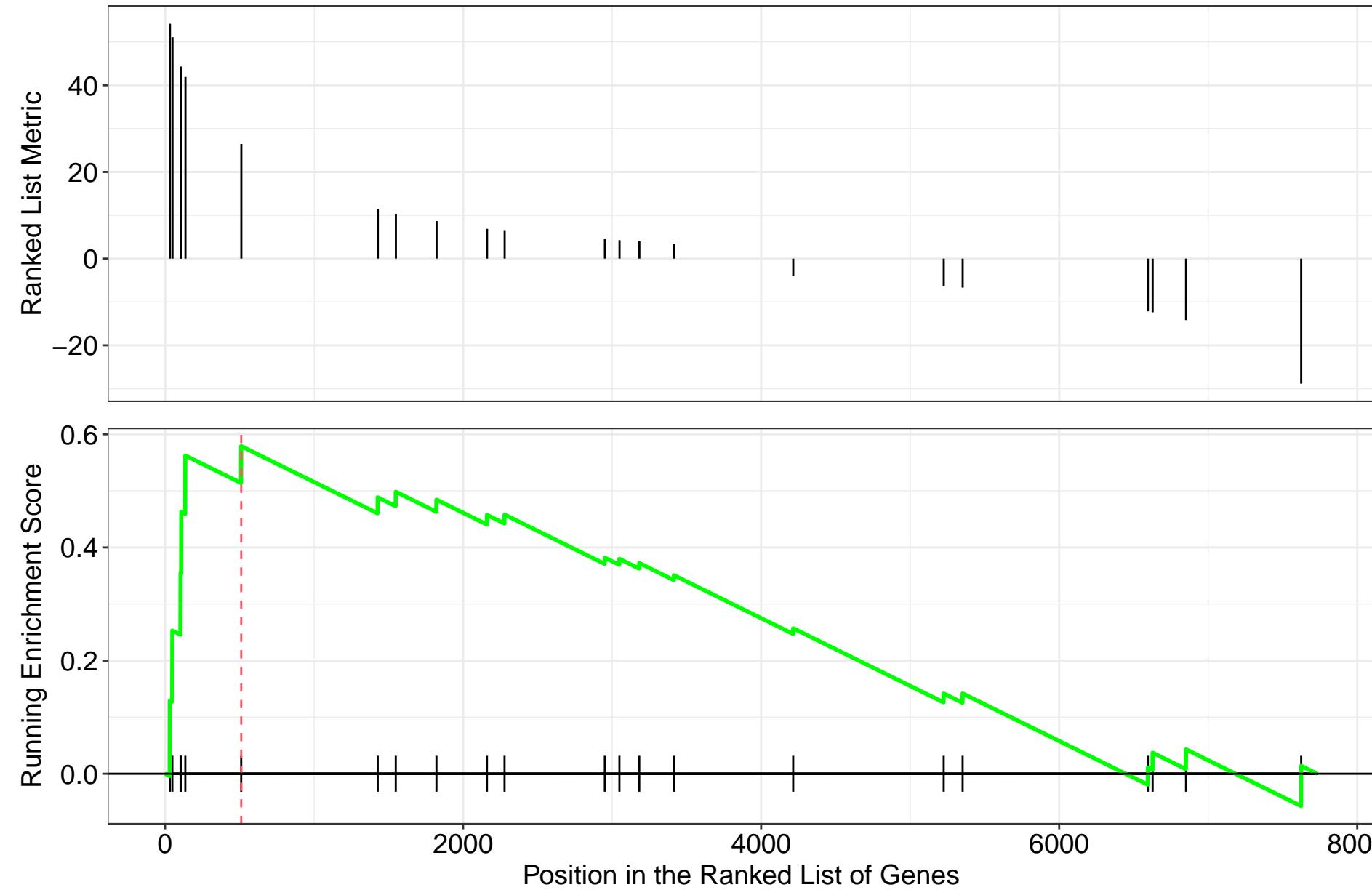
# chromosome condensation



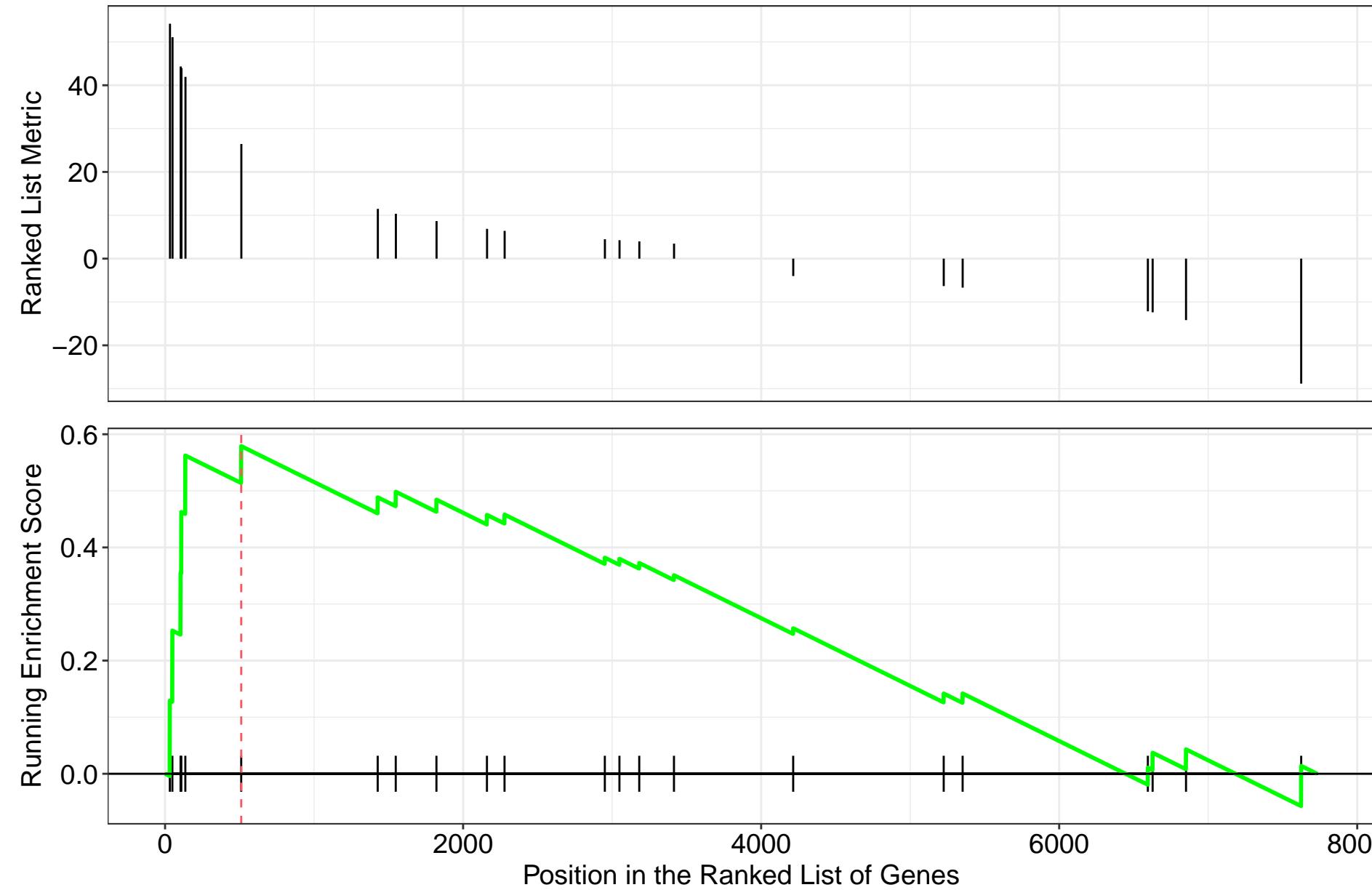
# negative regulation of secretion by cell



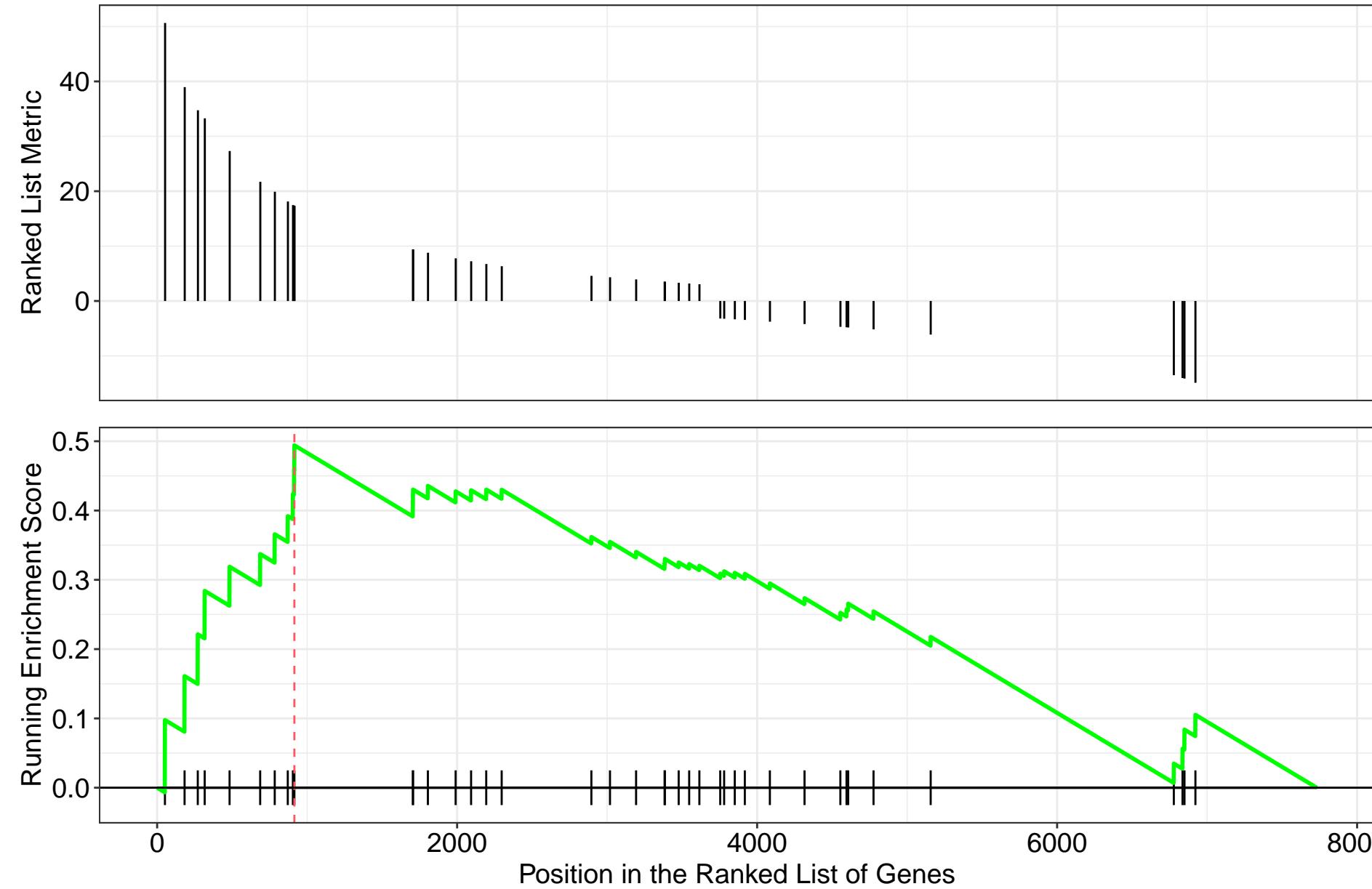
# prostanoid metabolic process



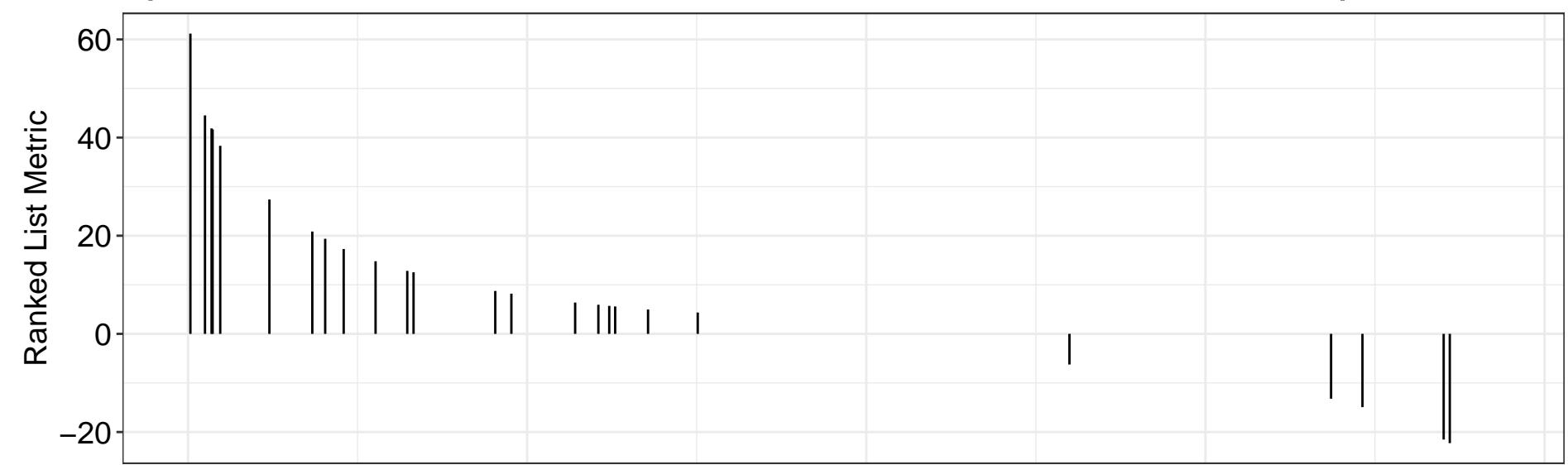
# prostaglandin metabolic process



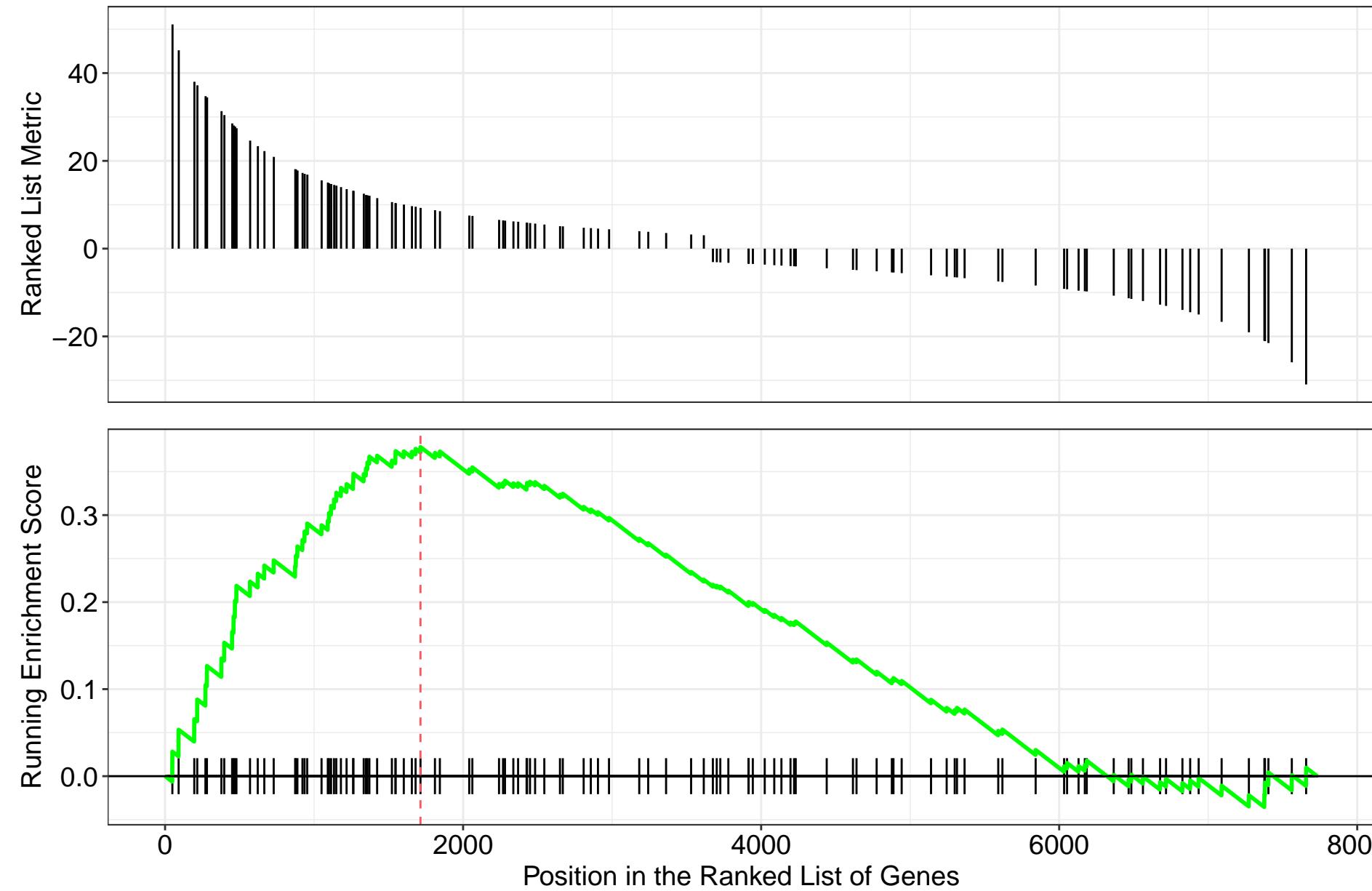
# response to heat



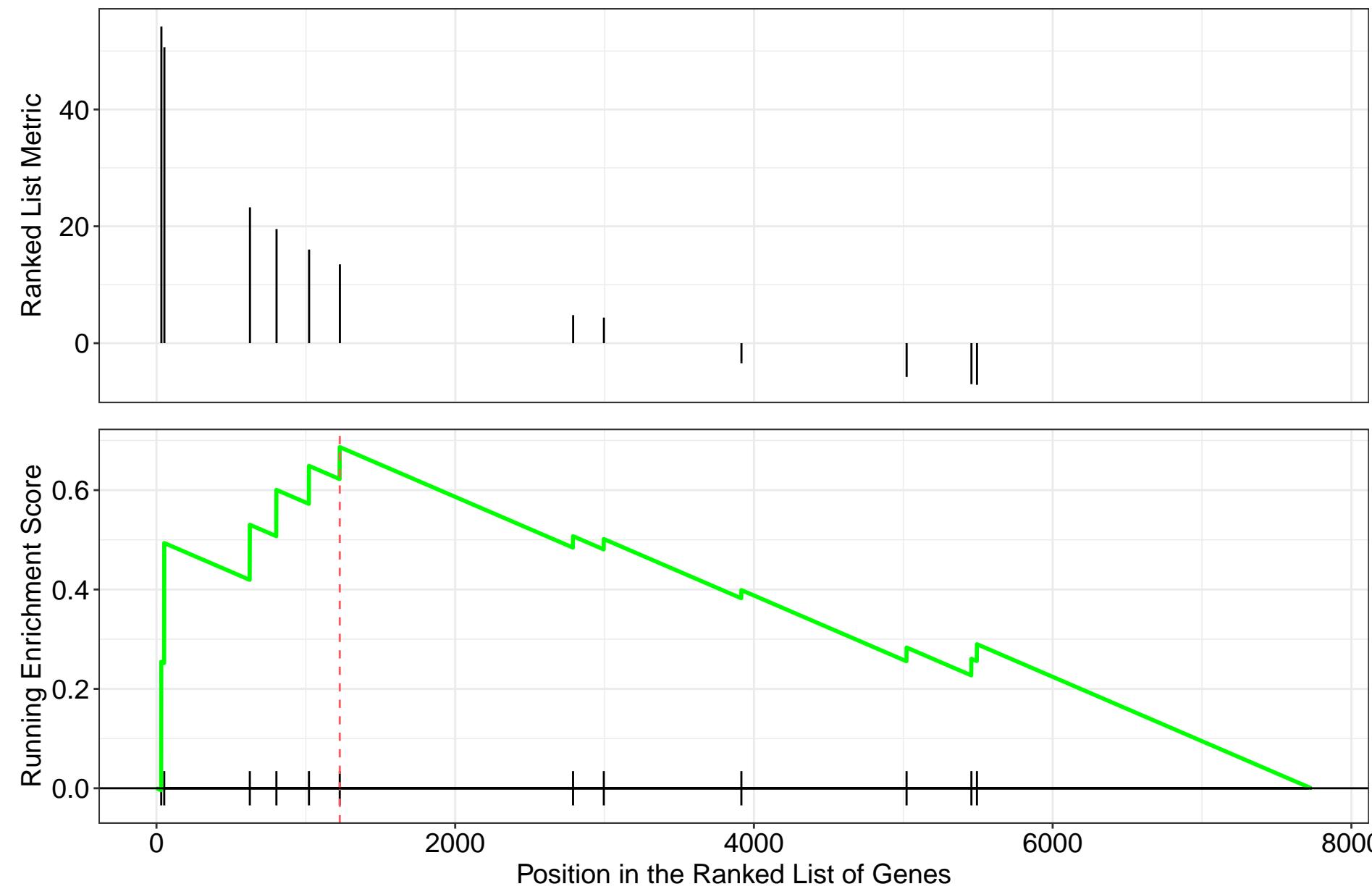
# Immune response based on somatic recombination of immune receptors built from



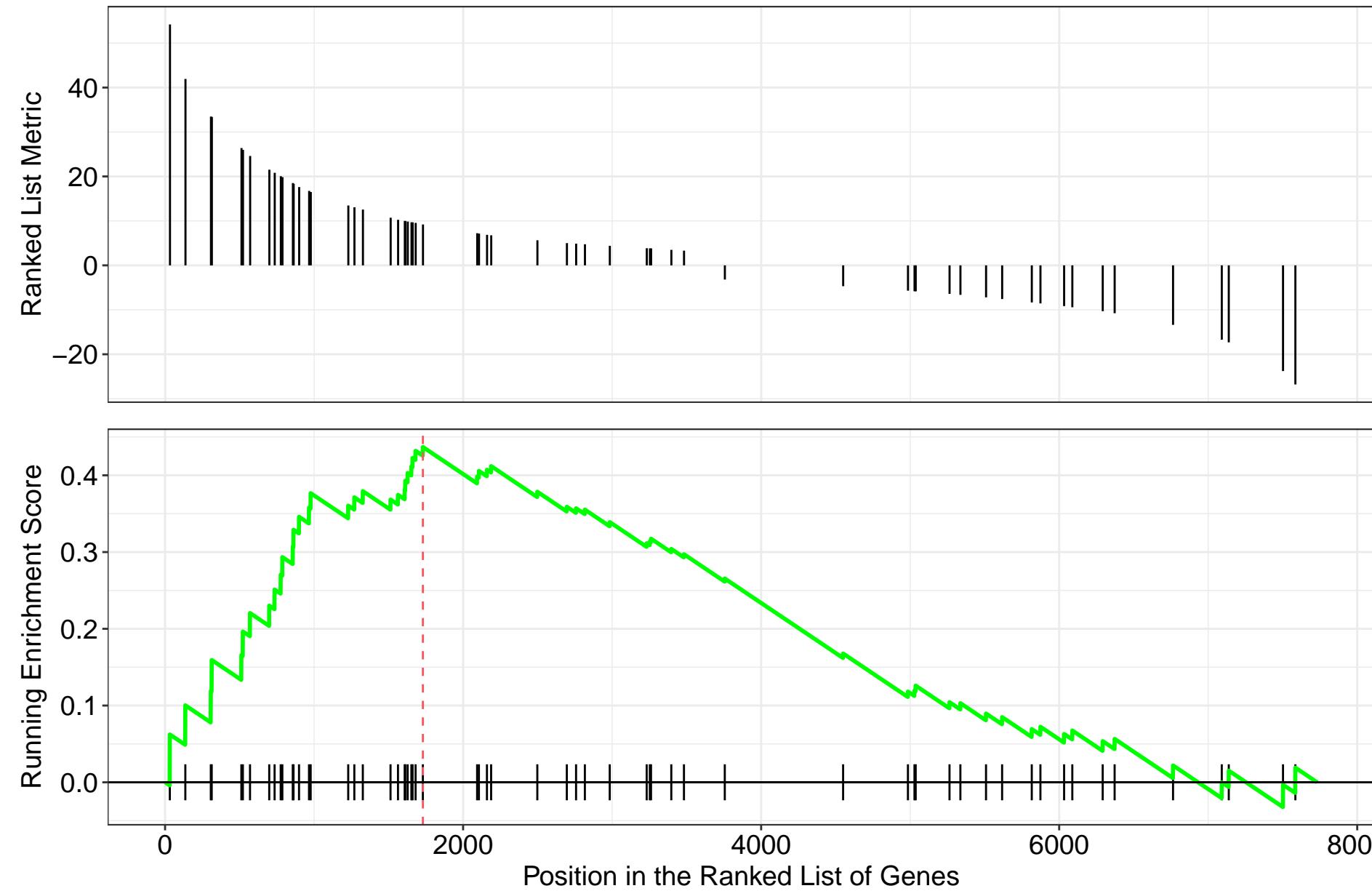
# regulation of cysteine-type endopeptidase activity



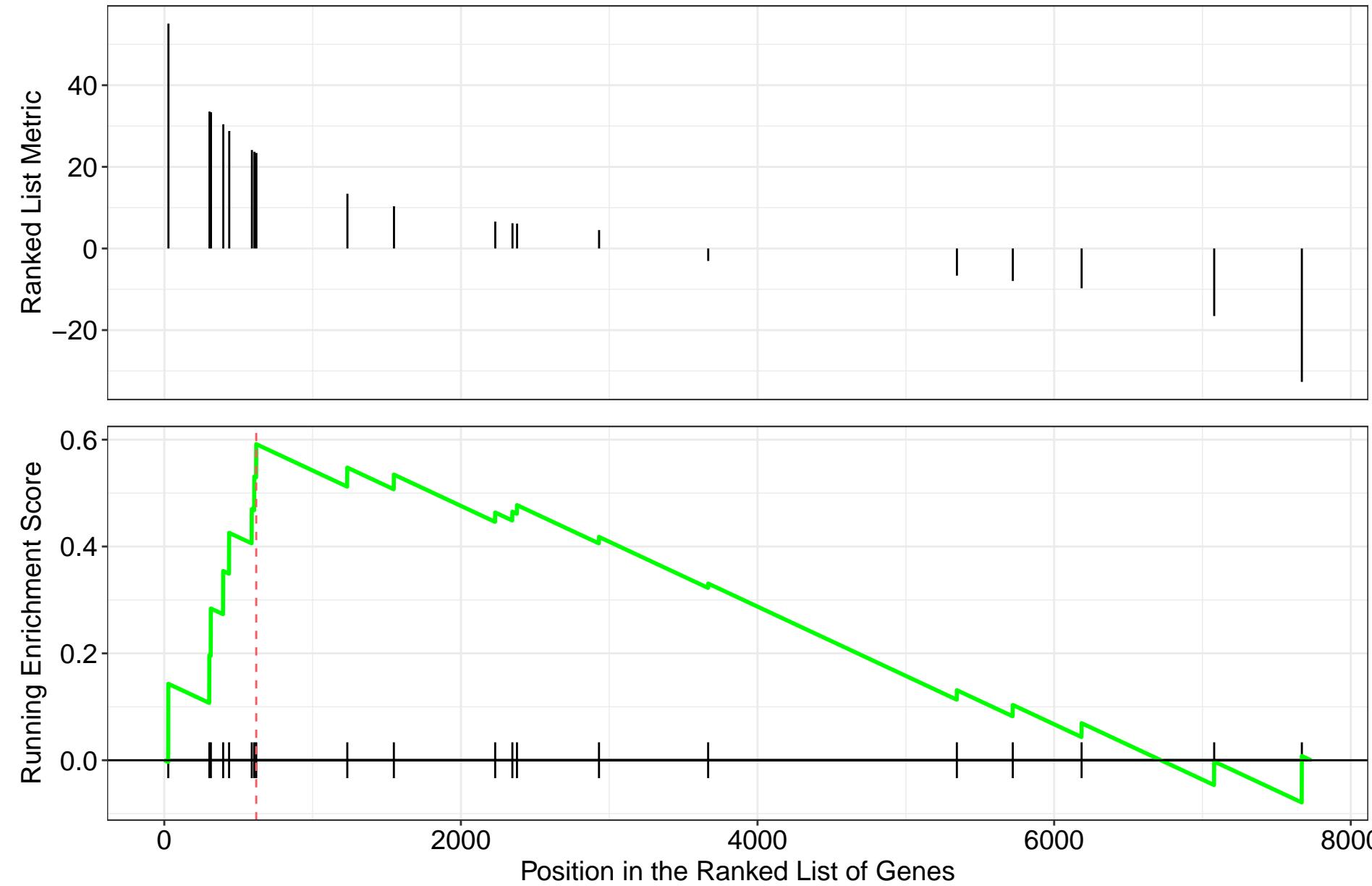
# programmed cell death involved in cell development



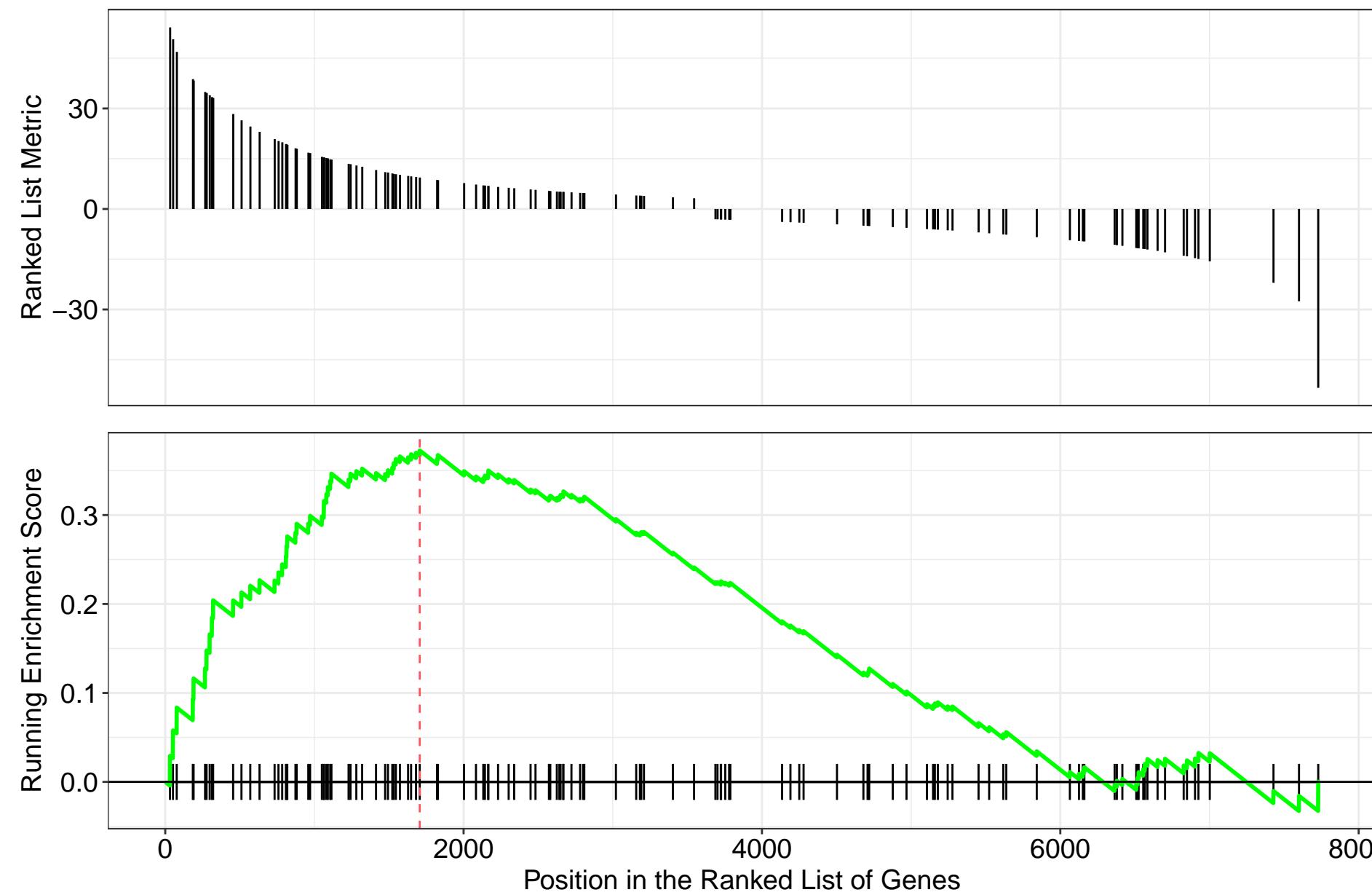
# endothelial cell differentiation



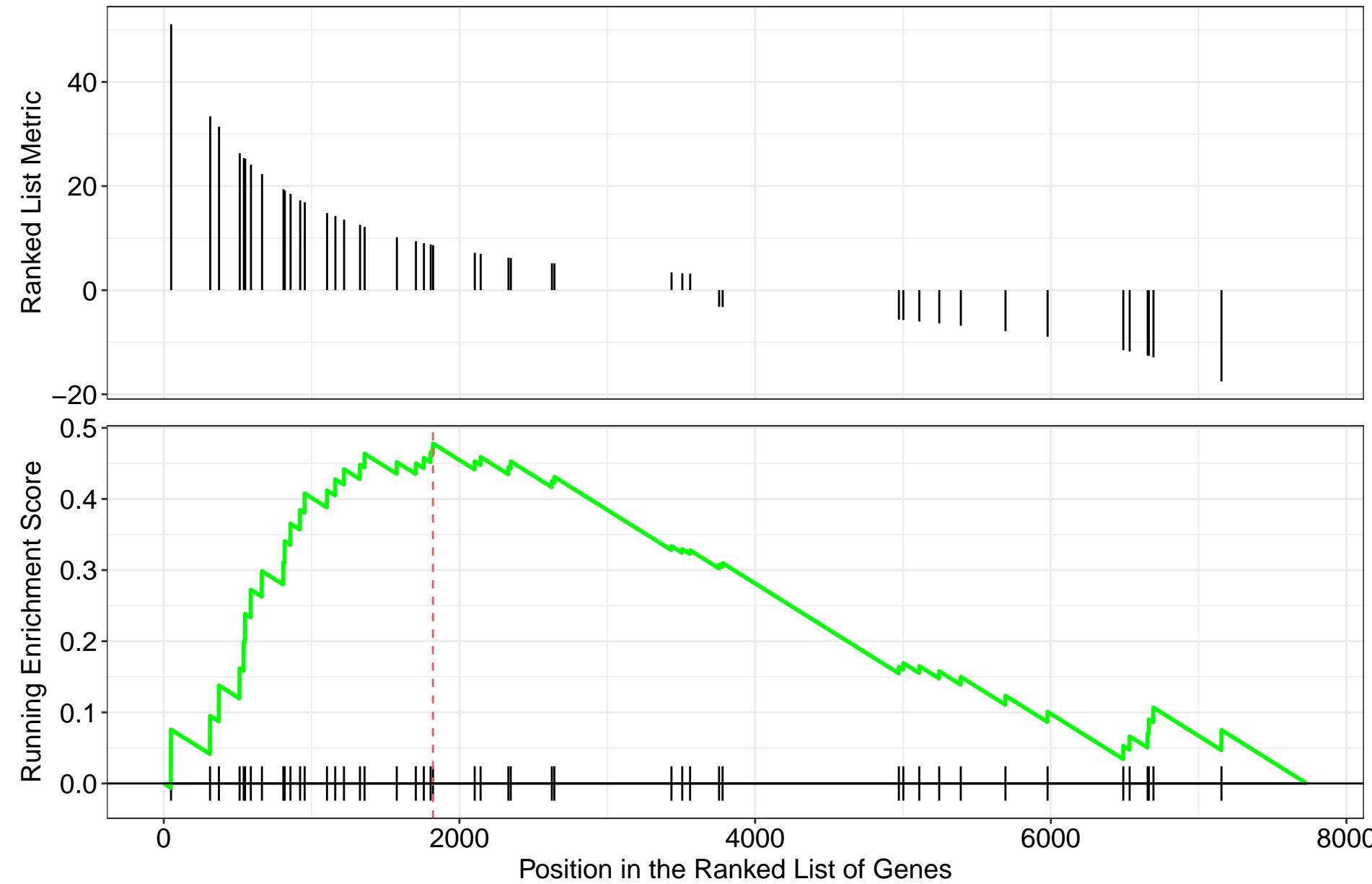
# ovulation cycle process



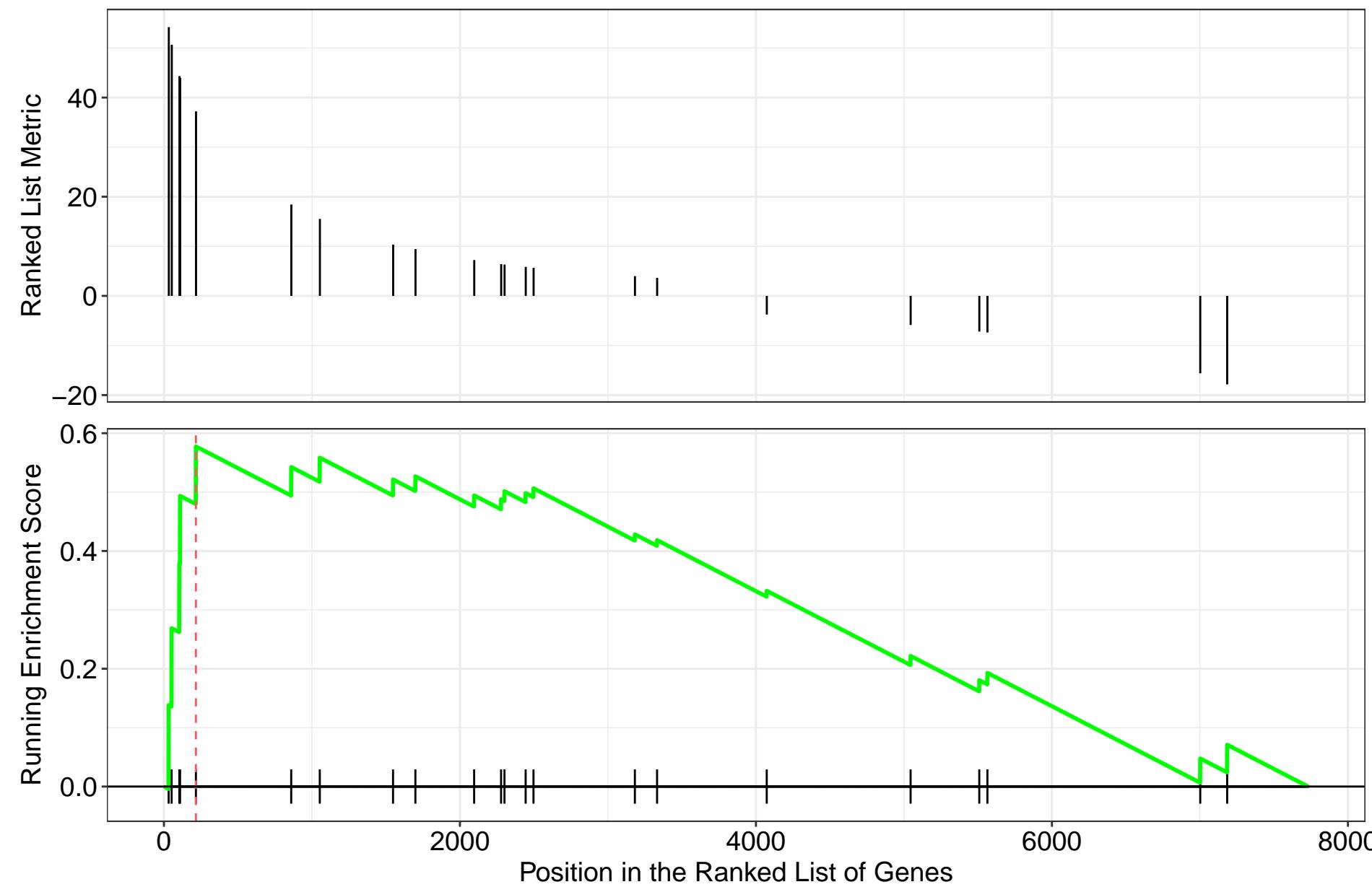
# stress-activated protein kinase signaling cascade



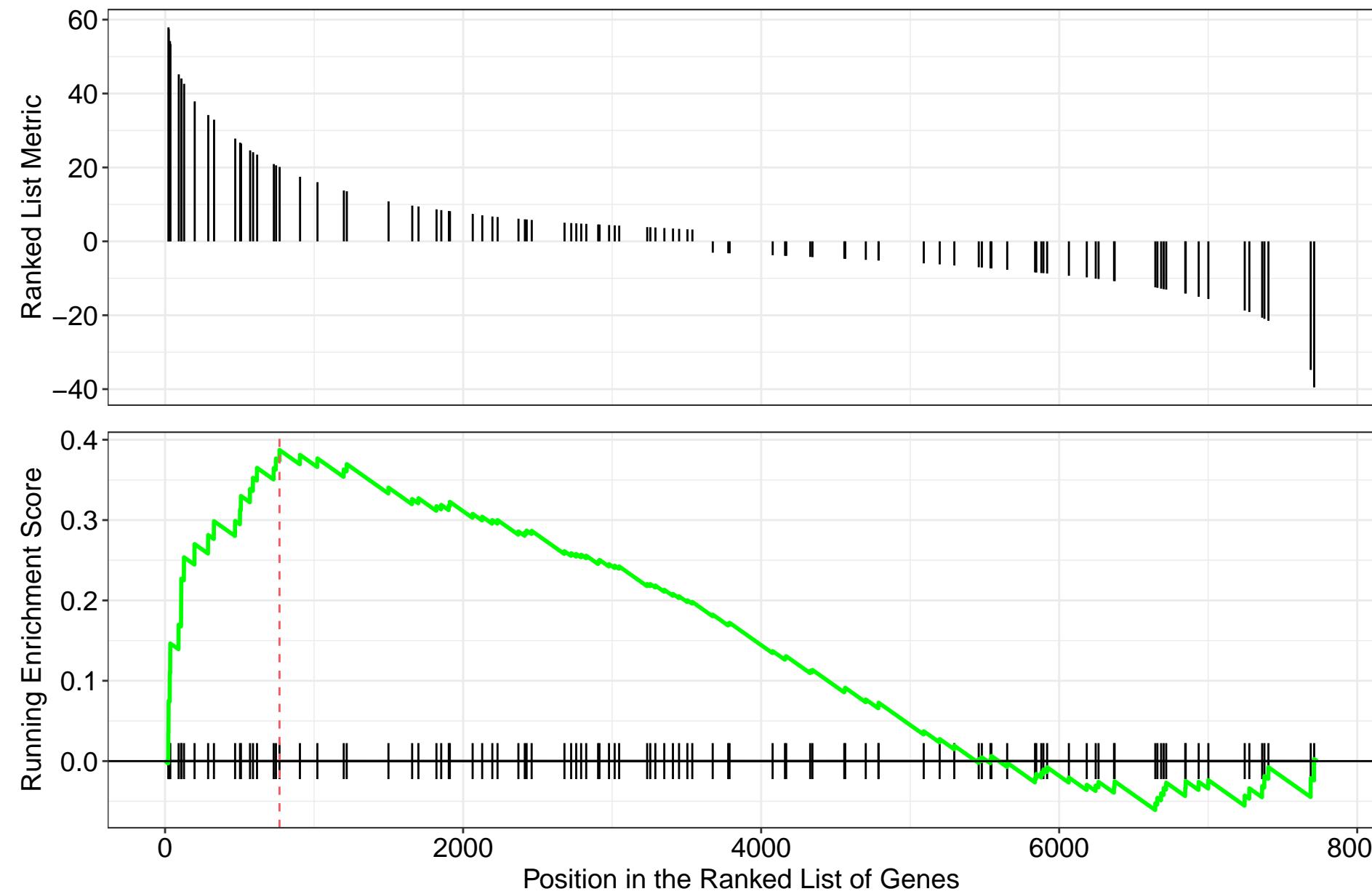
# positive regulation of endothelial cell migration



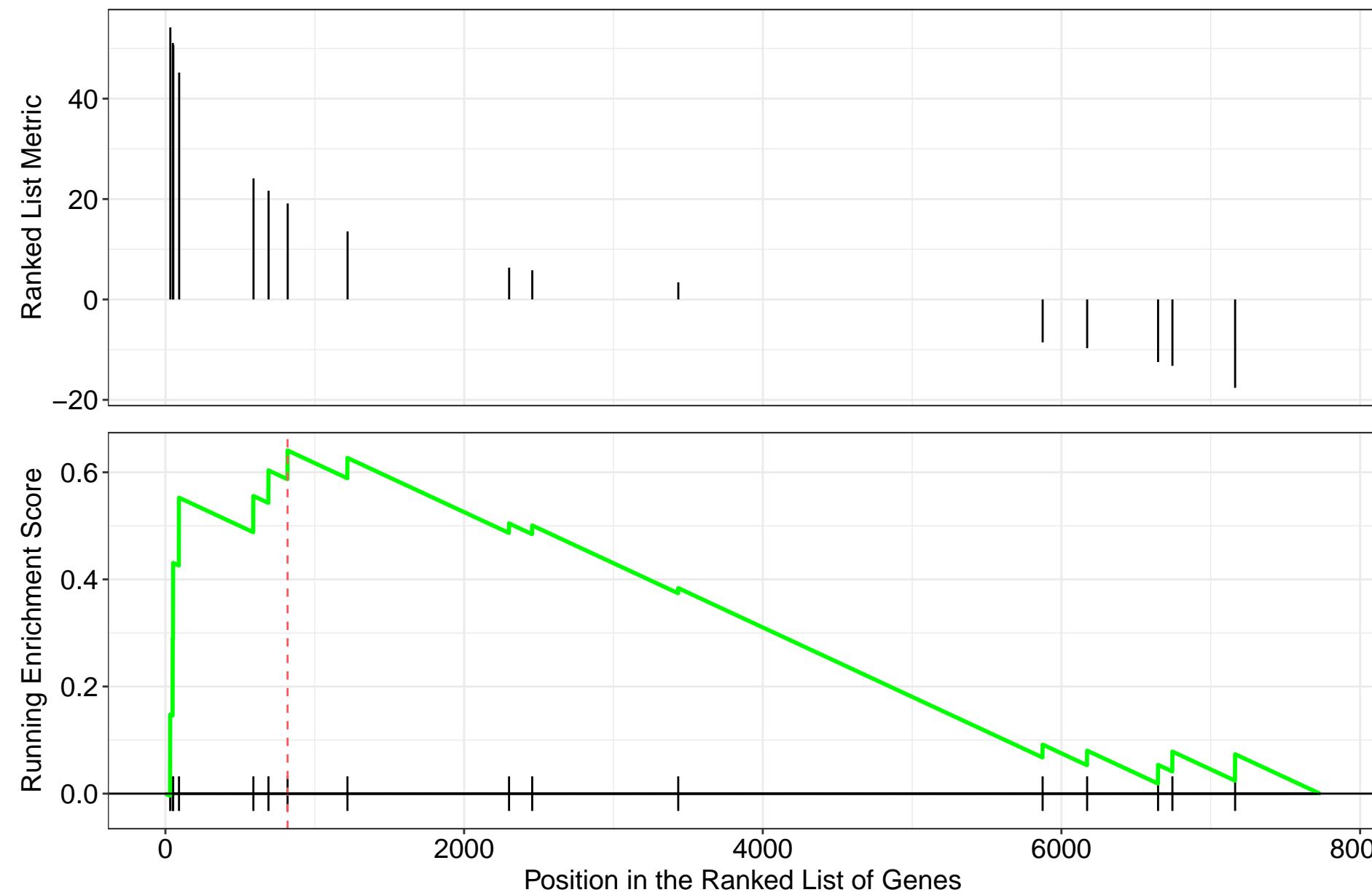
# positive regulation of anion transport



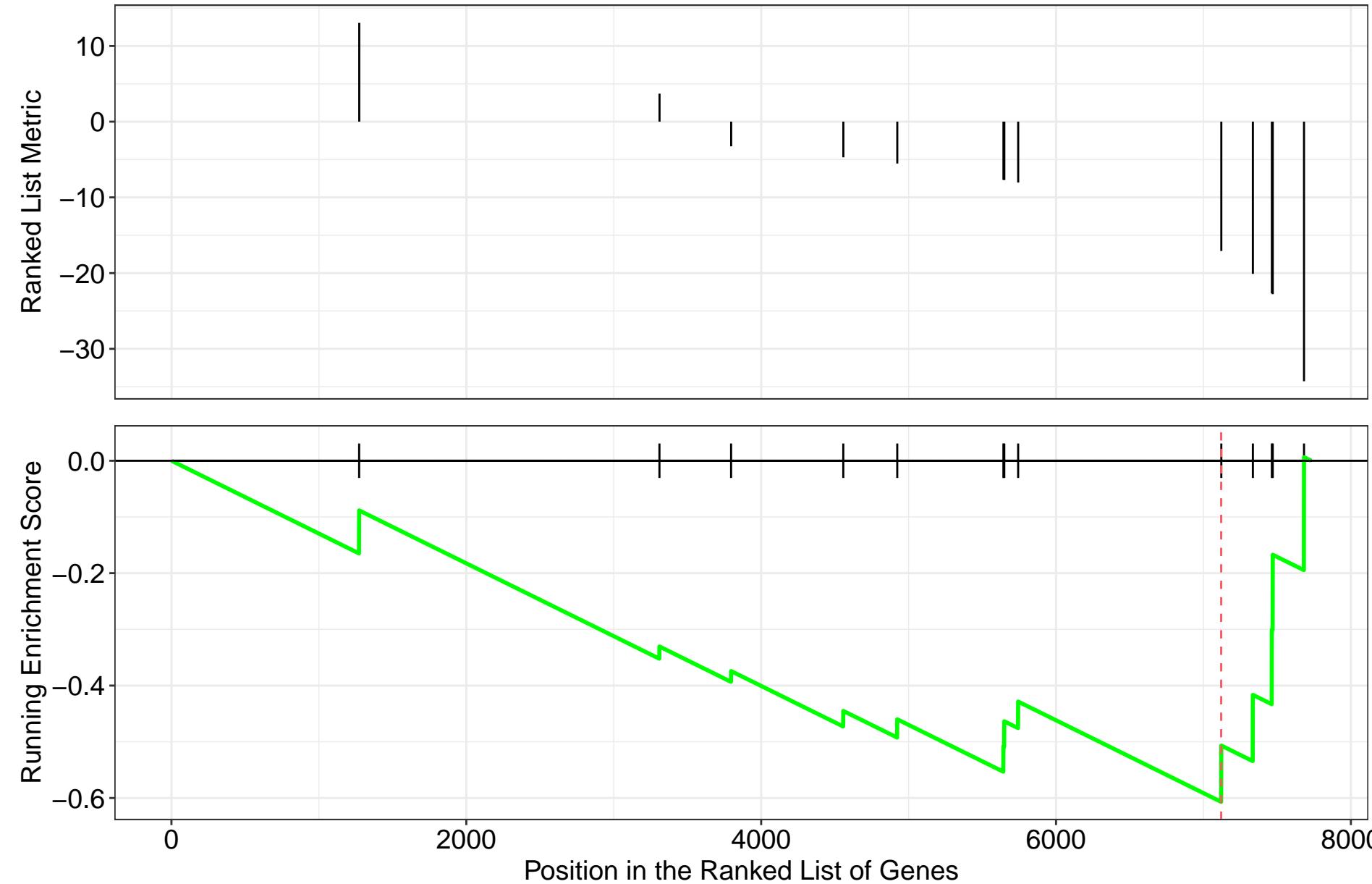
# peptide hormone secretion



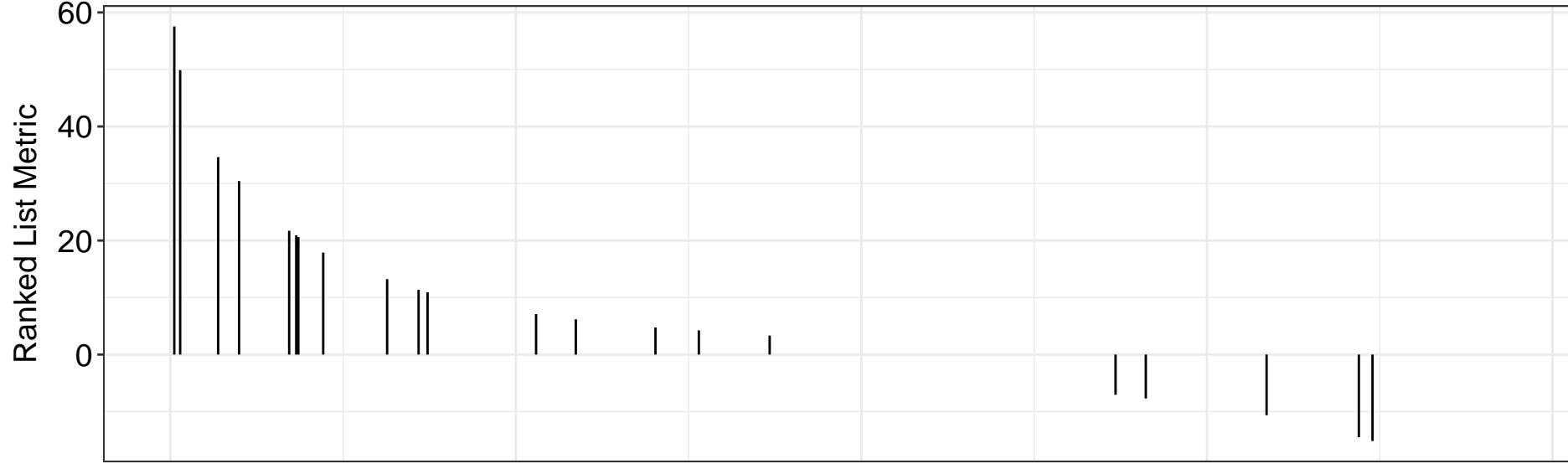
# positive regulation of vascular endothelial growth factor production



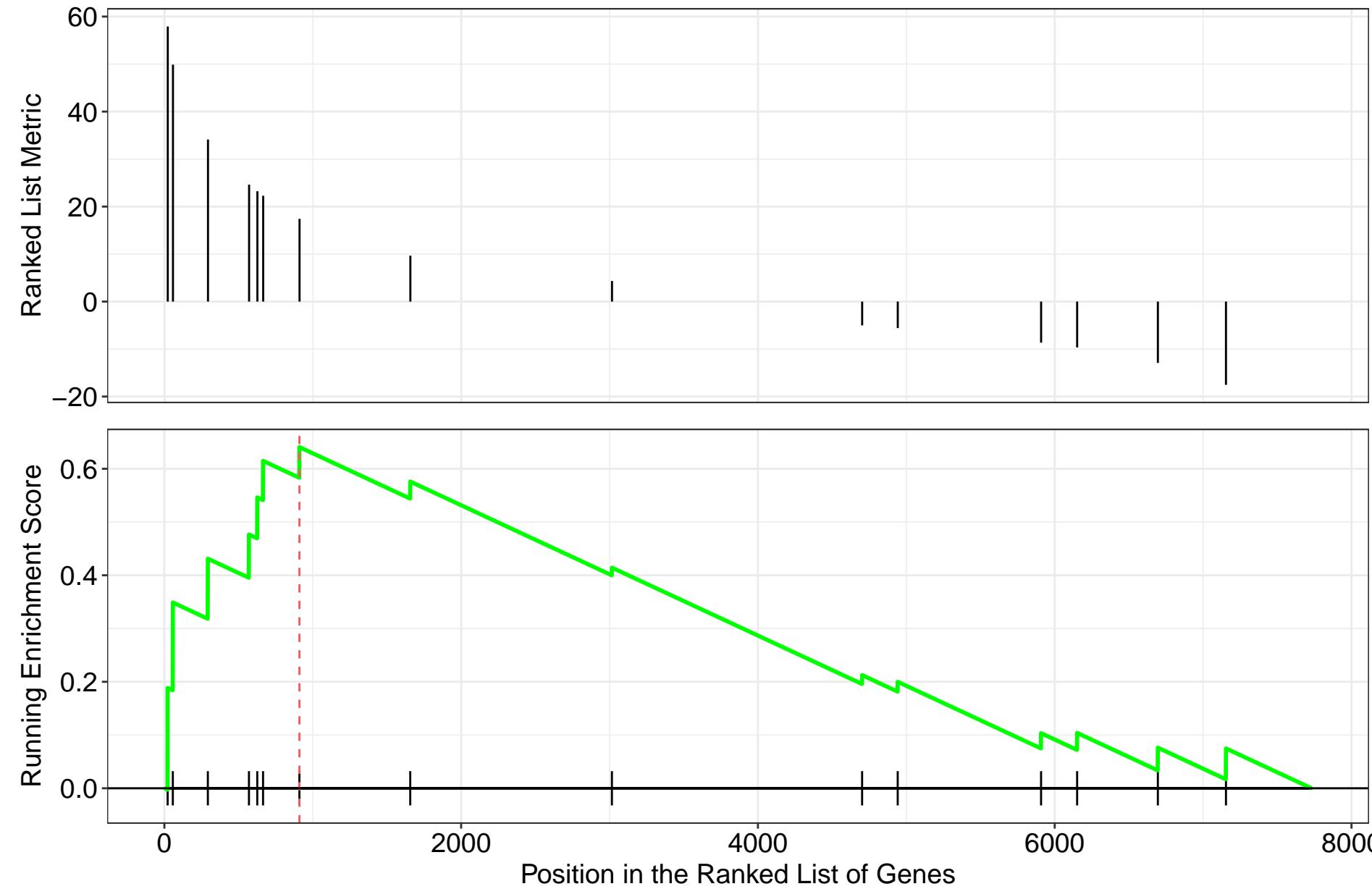
# mitotic sister chromatid cohesion



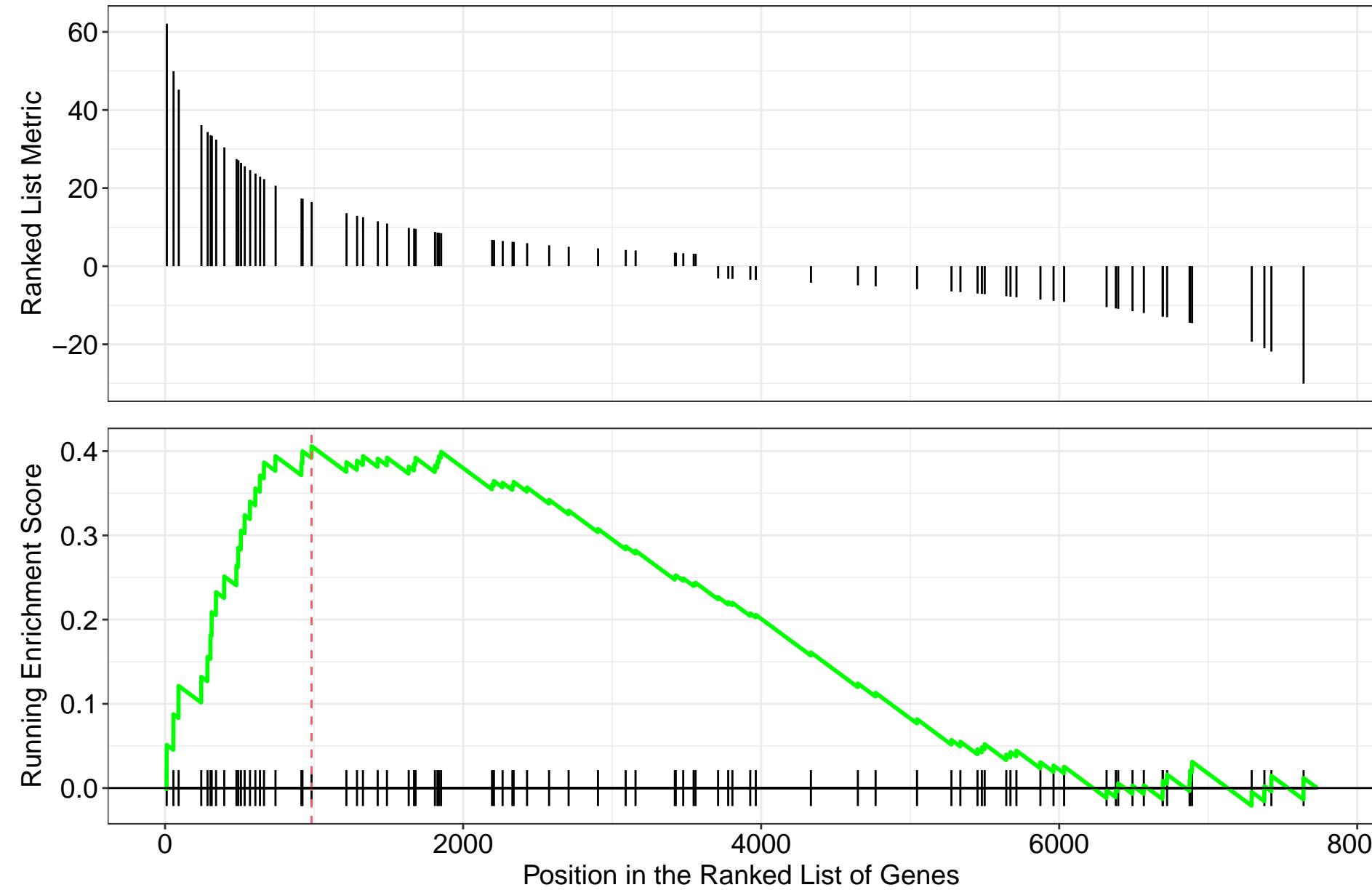
# positive regulation of natural killer cell activation



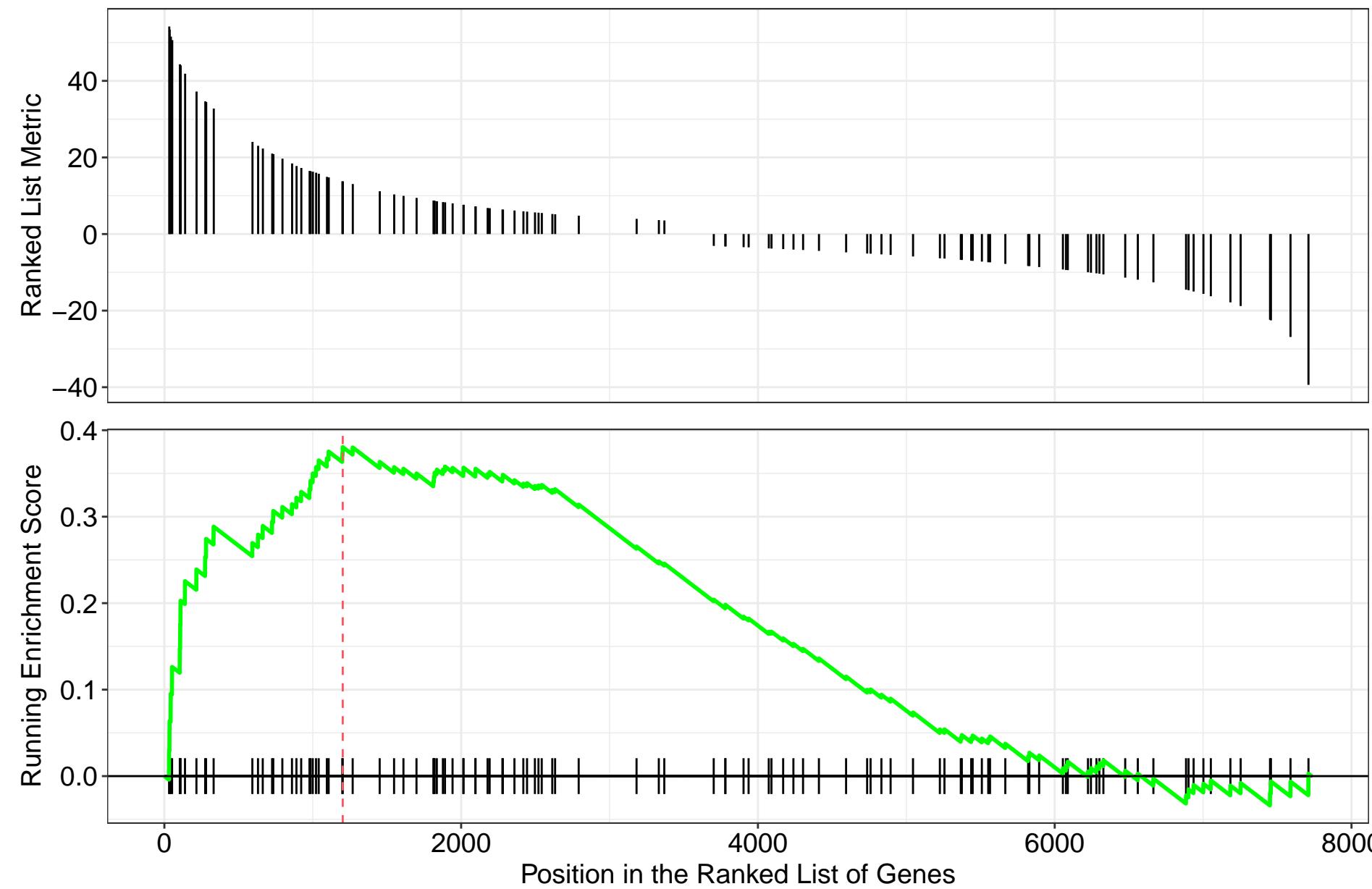
# positive regulation of osteoclast differentiation



# regulation of protein kinase B signaling

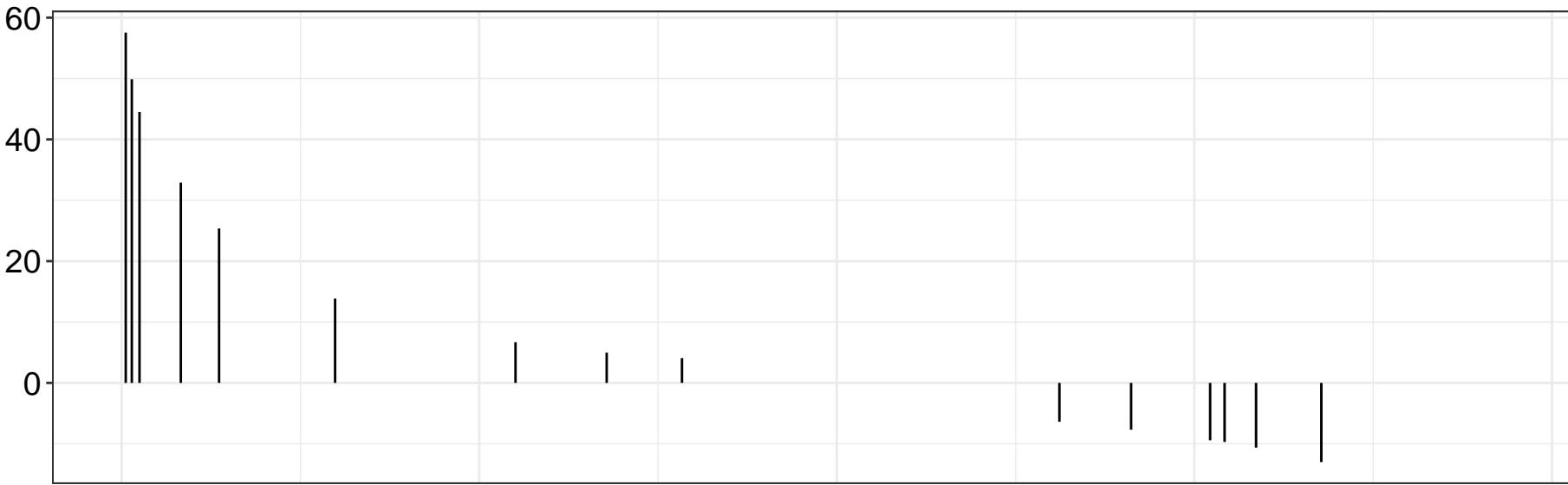


# organic acid transport



# immune response to tumor cell

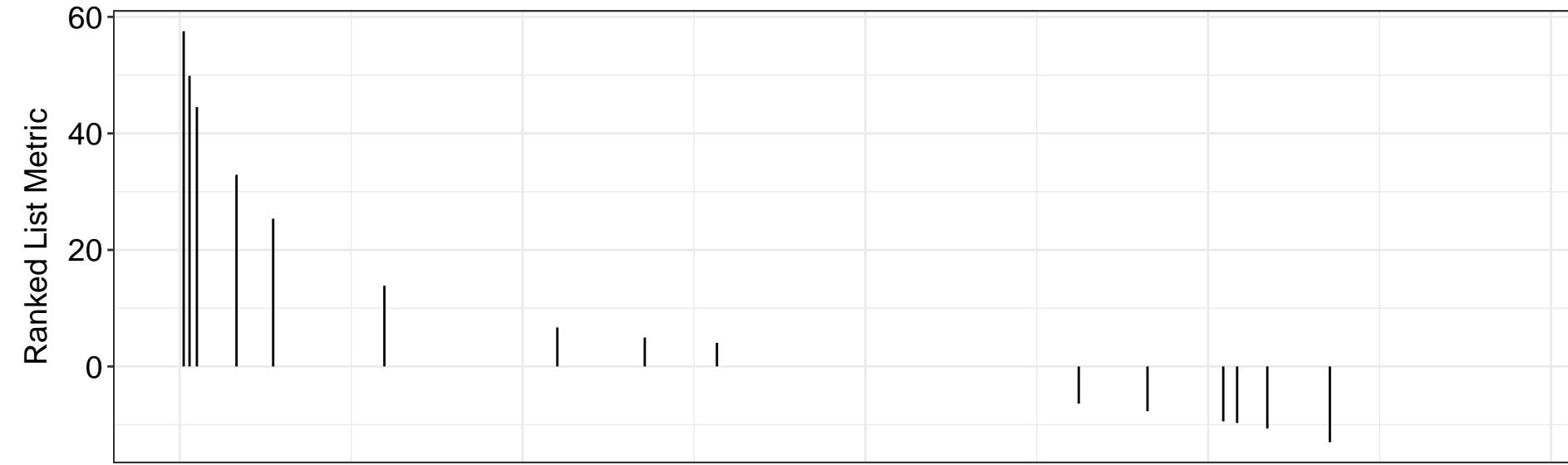
Ranked List Metric



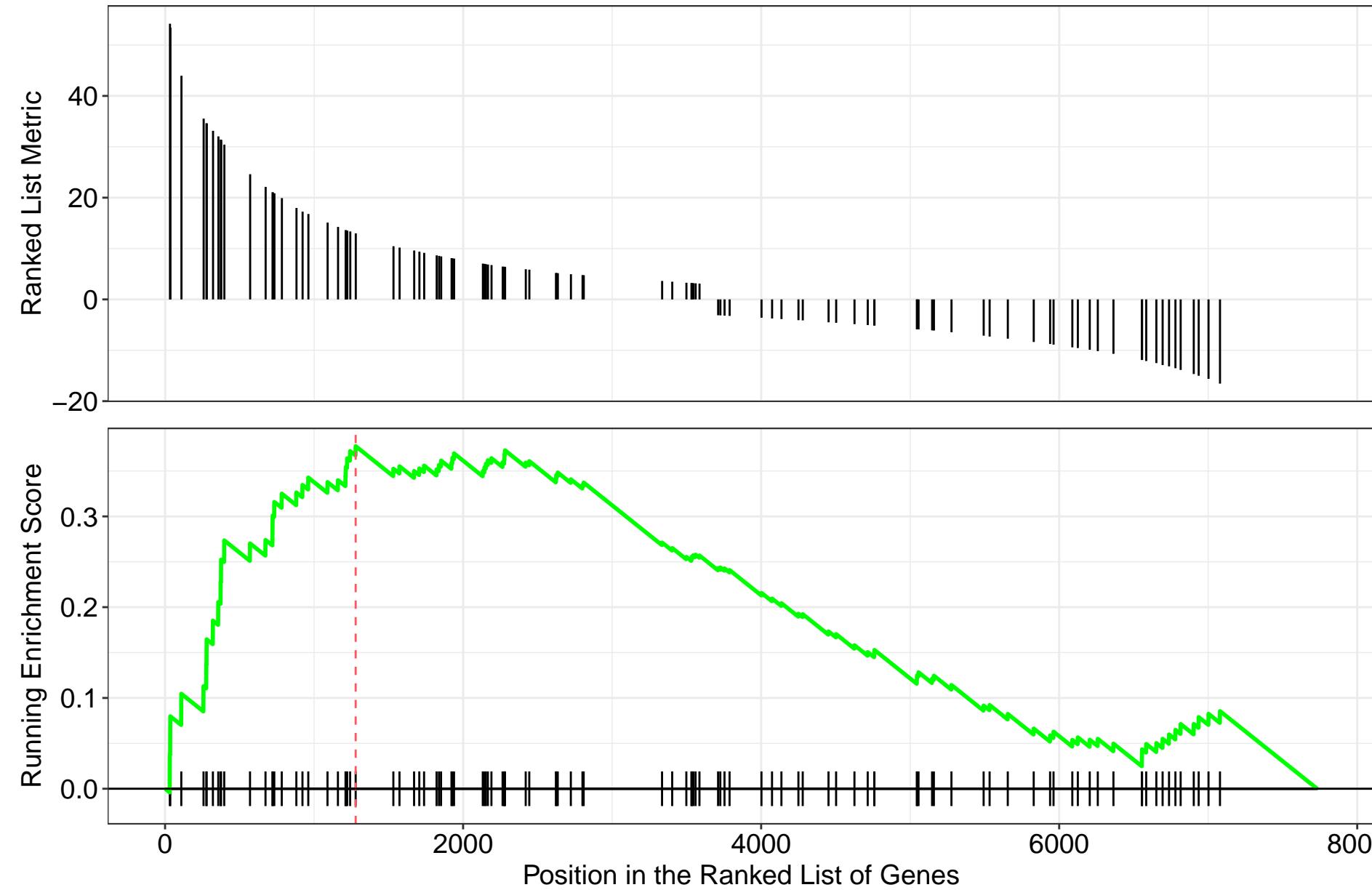
Running Enrichment Score



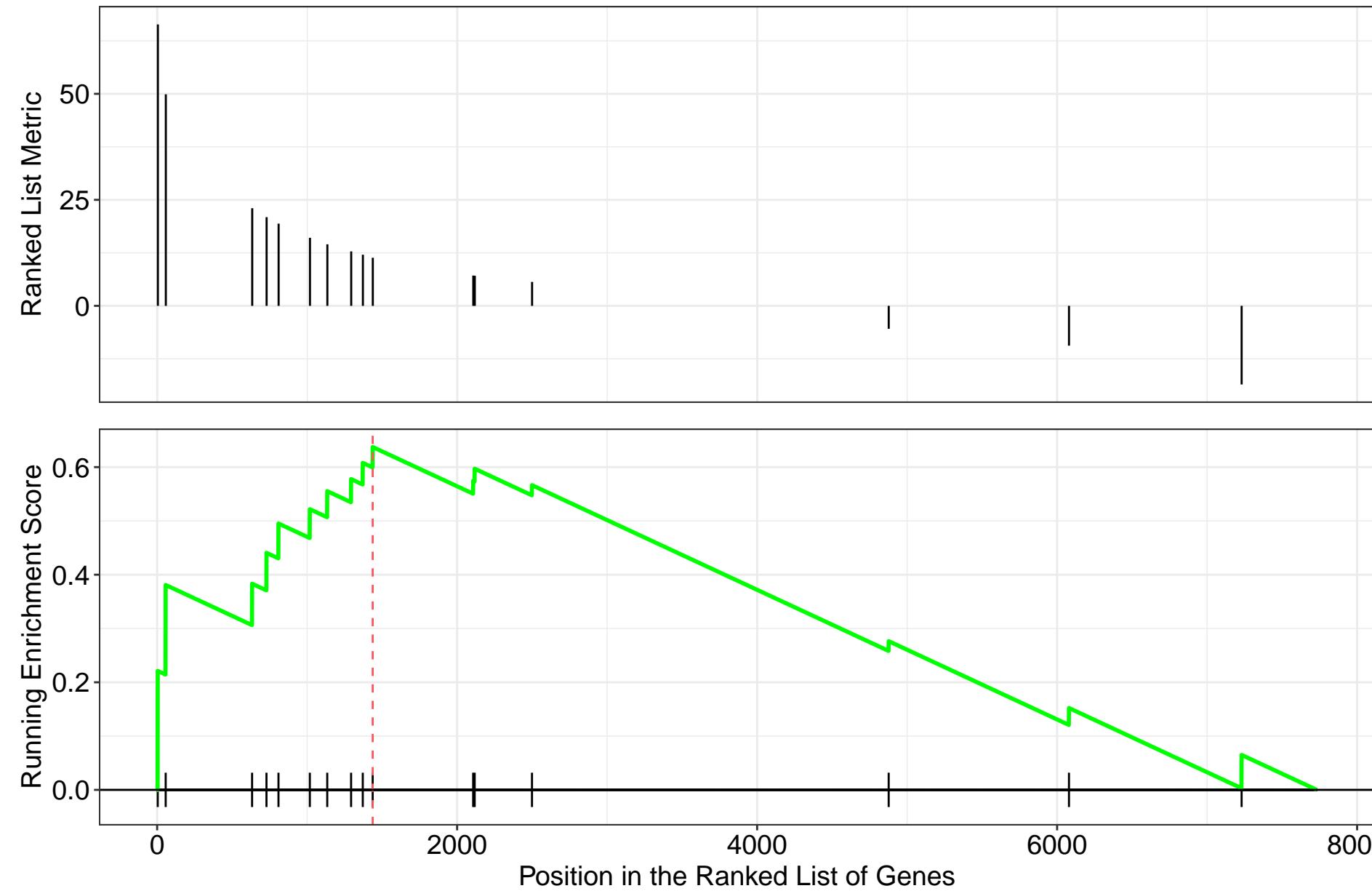
# regulation of immune response to tumor cell



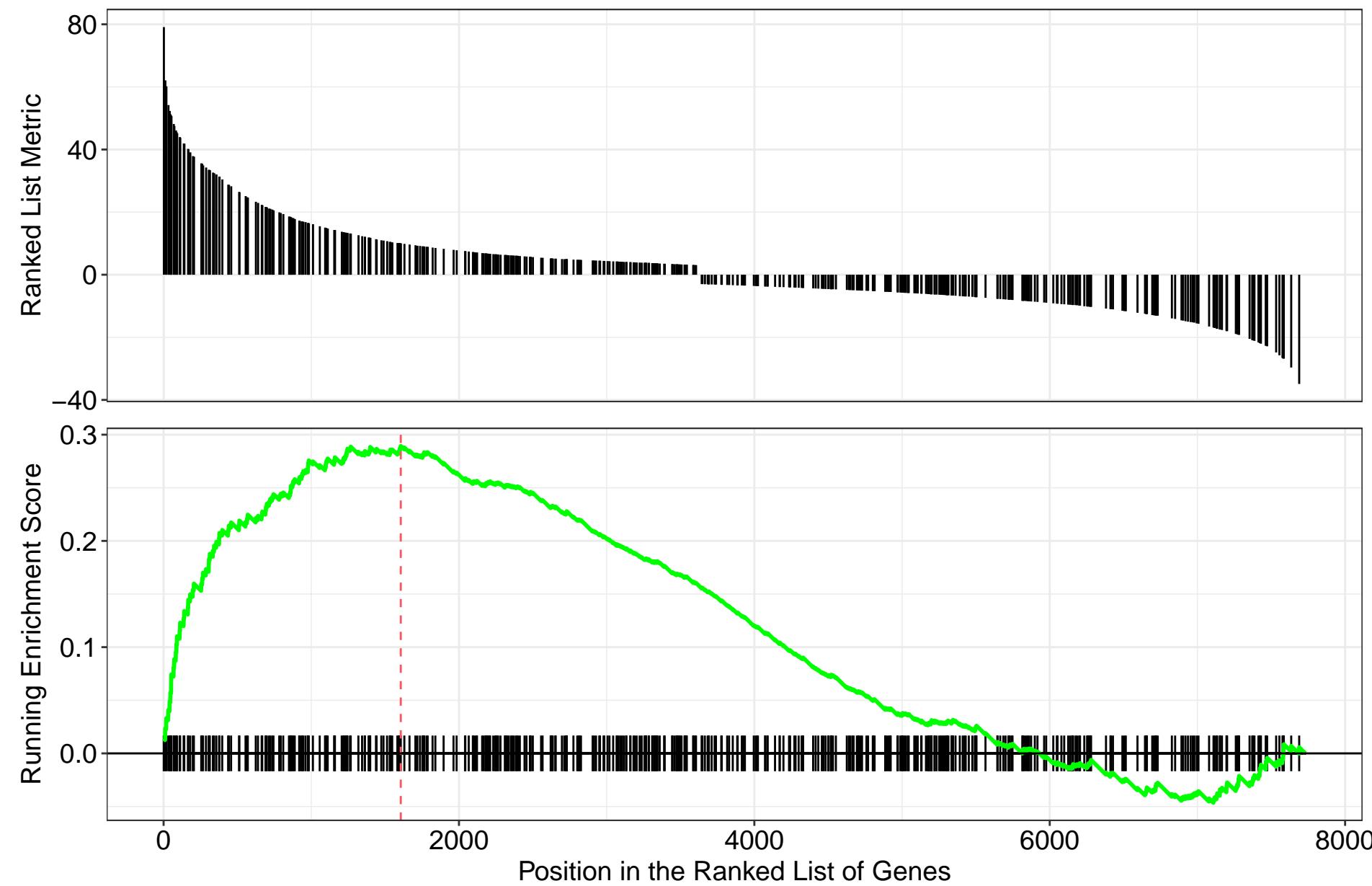
# regulation of MAP kinase activity



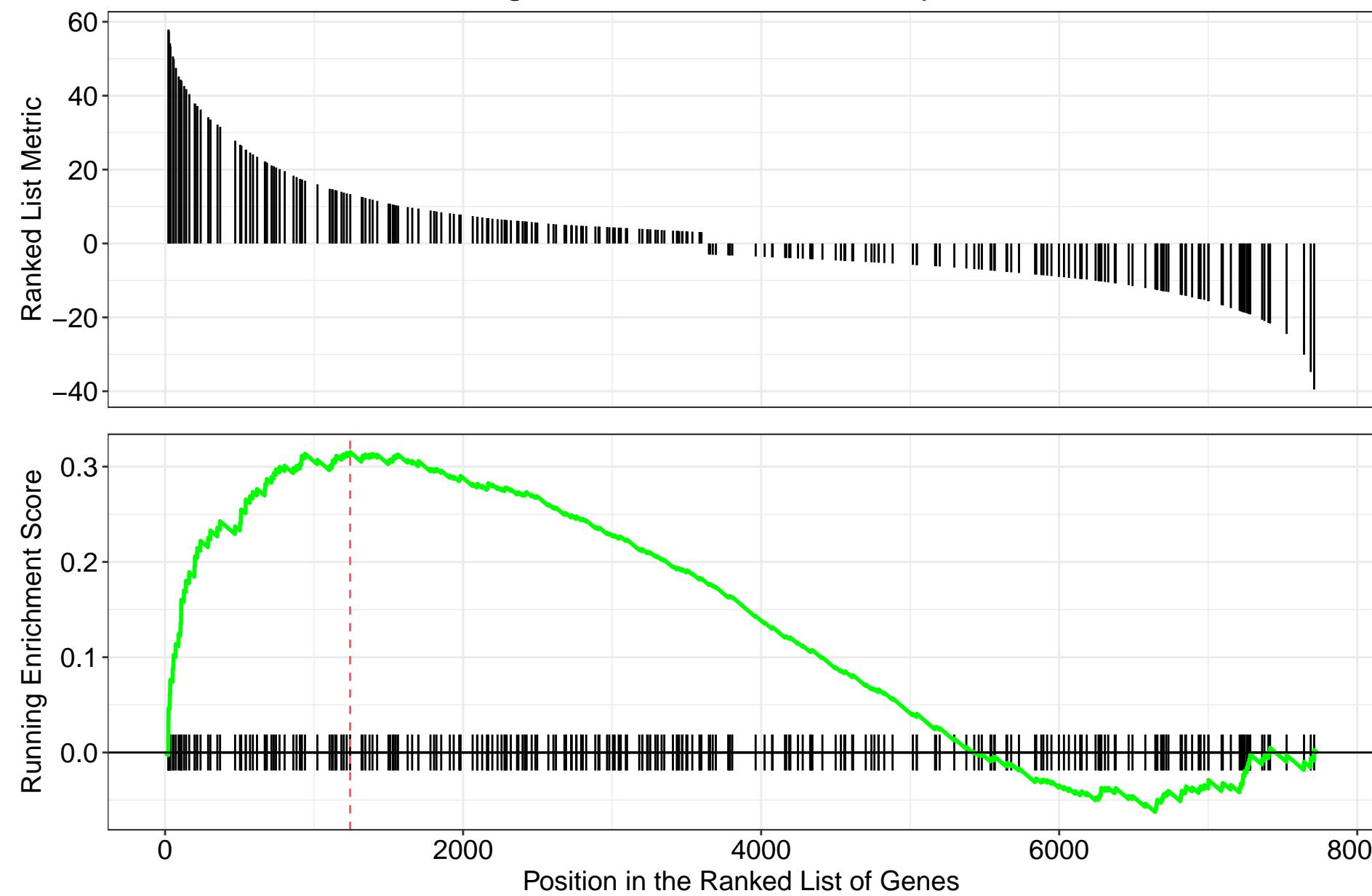
# regulation of T-helper 17 type immune response



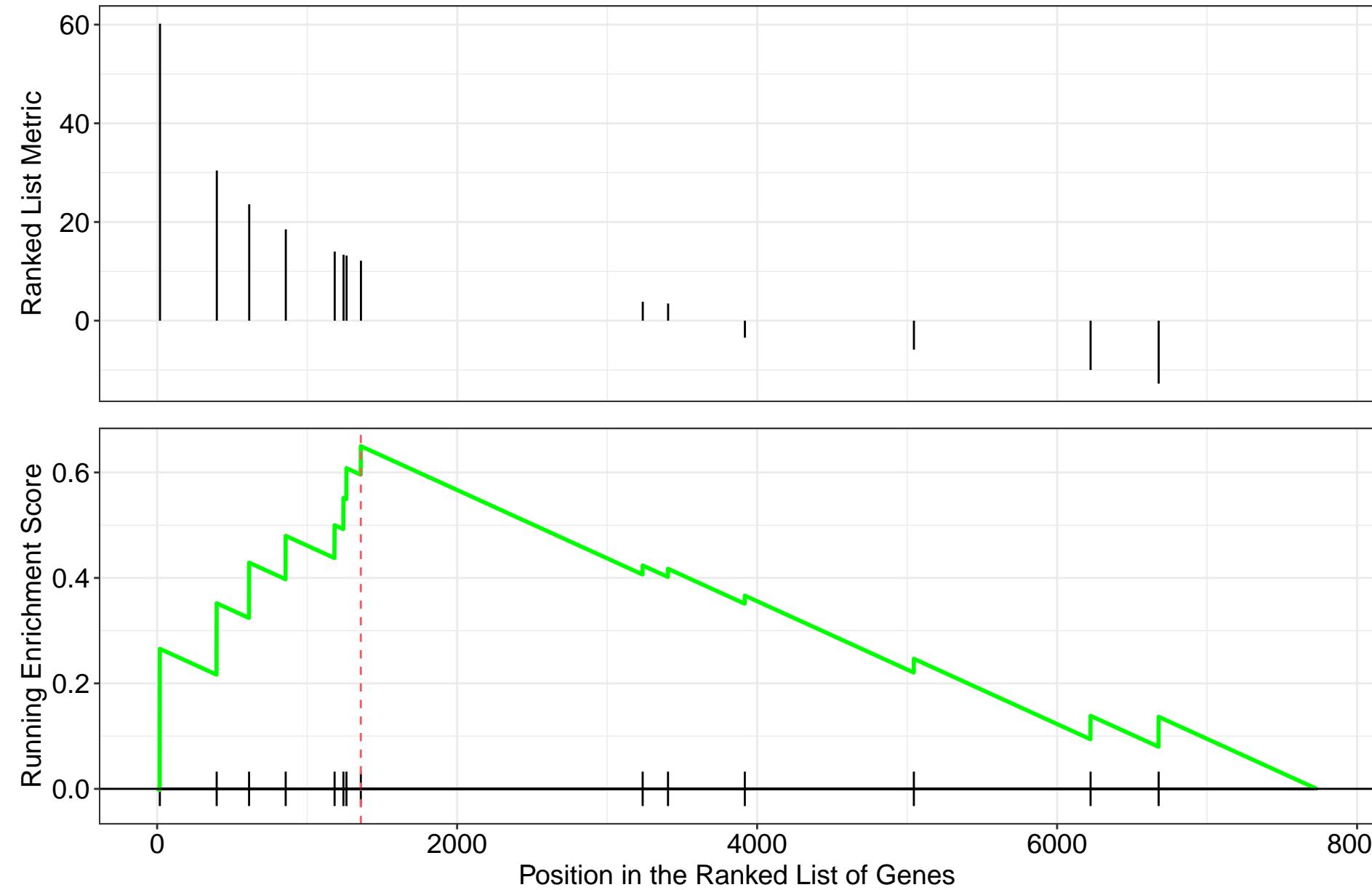
# positive regulation of cellular component organization



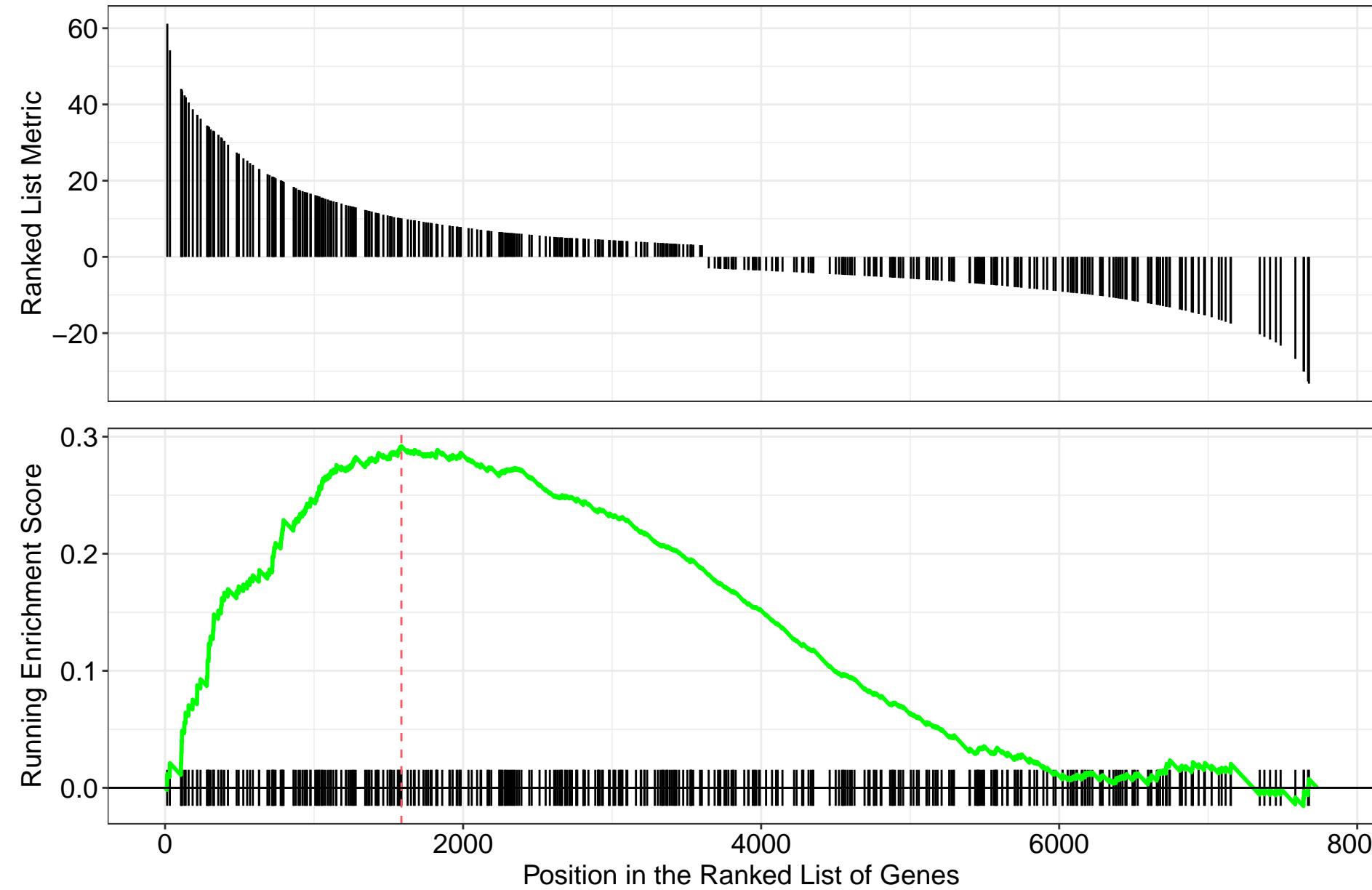
# regulation of secretion by cell



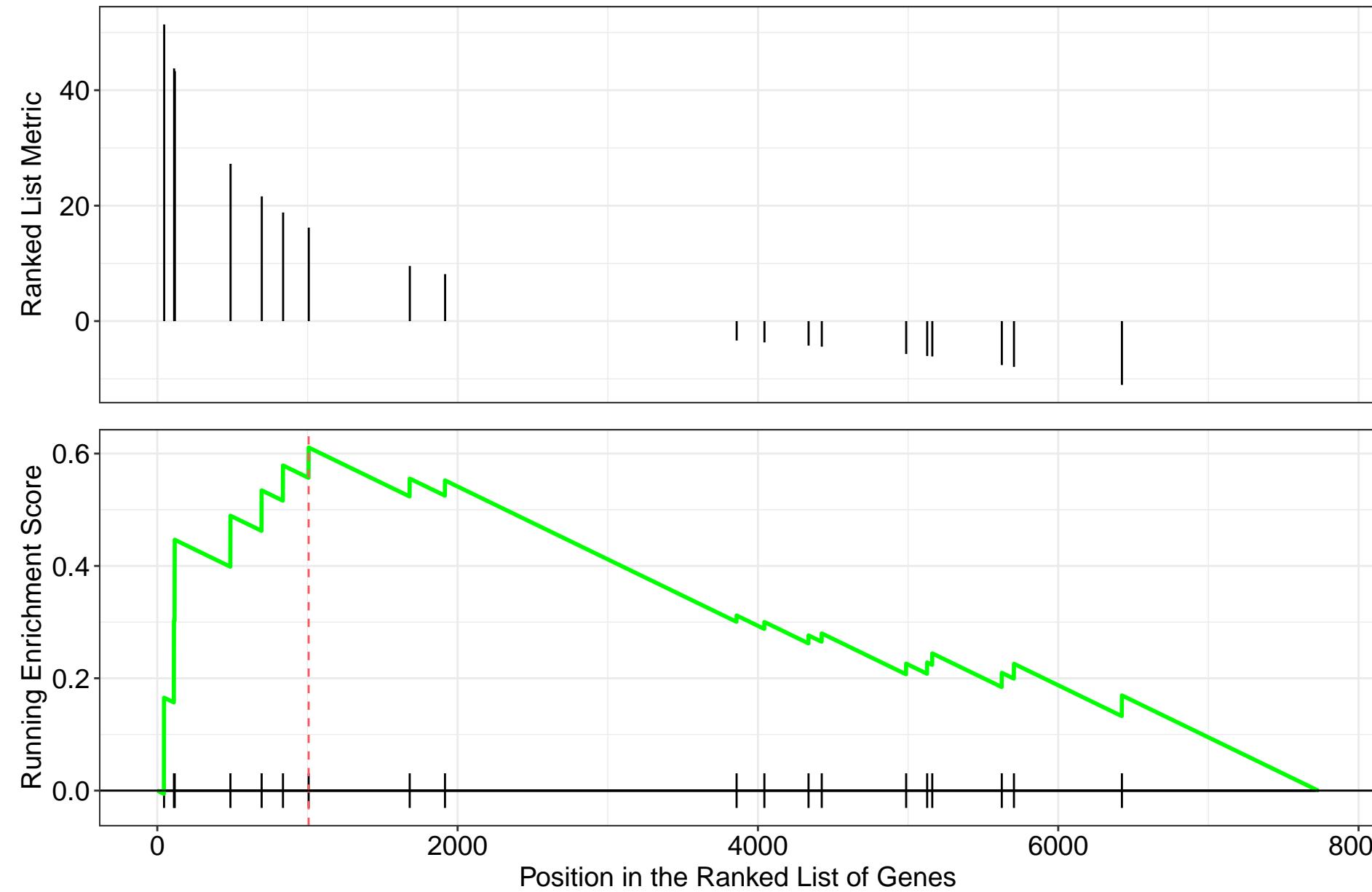
# mitochondrial depolarization



# response to nitrogen compound

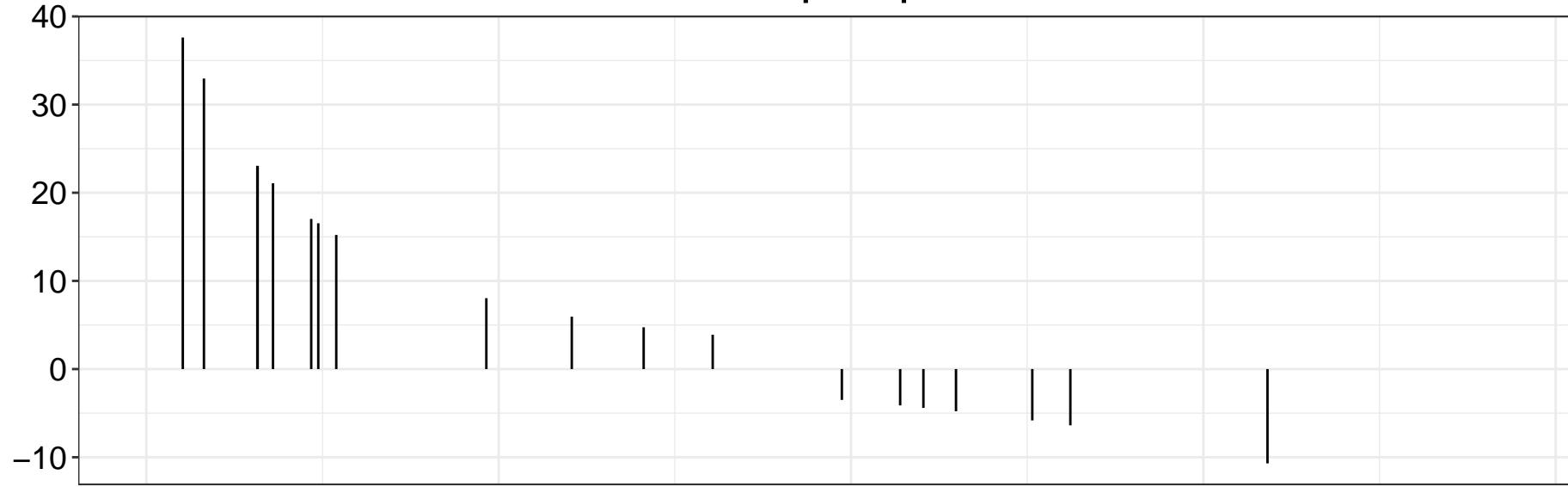


# ribonucleoside metabolic process

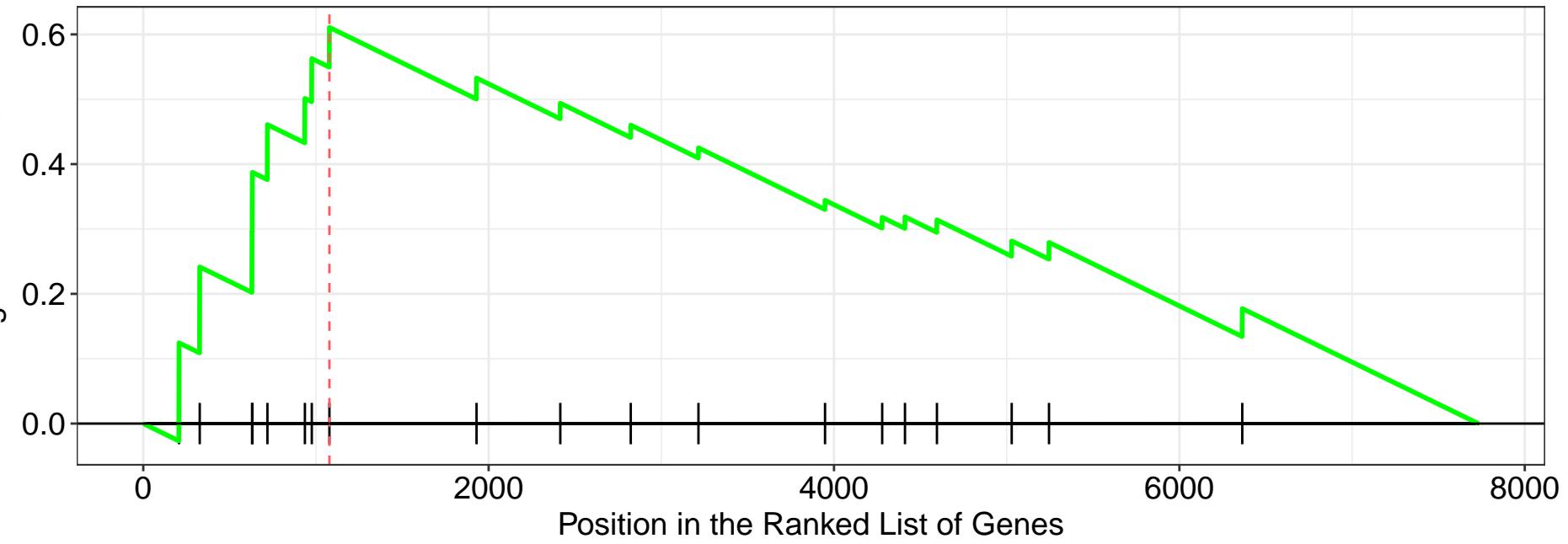


# interferon-alpha production

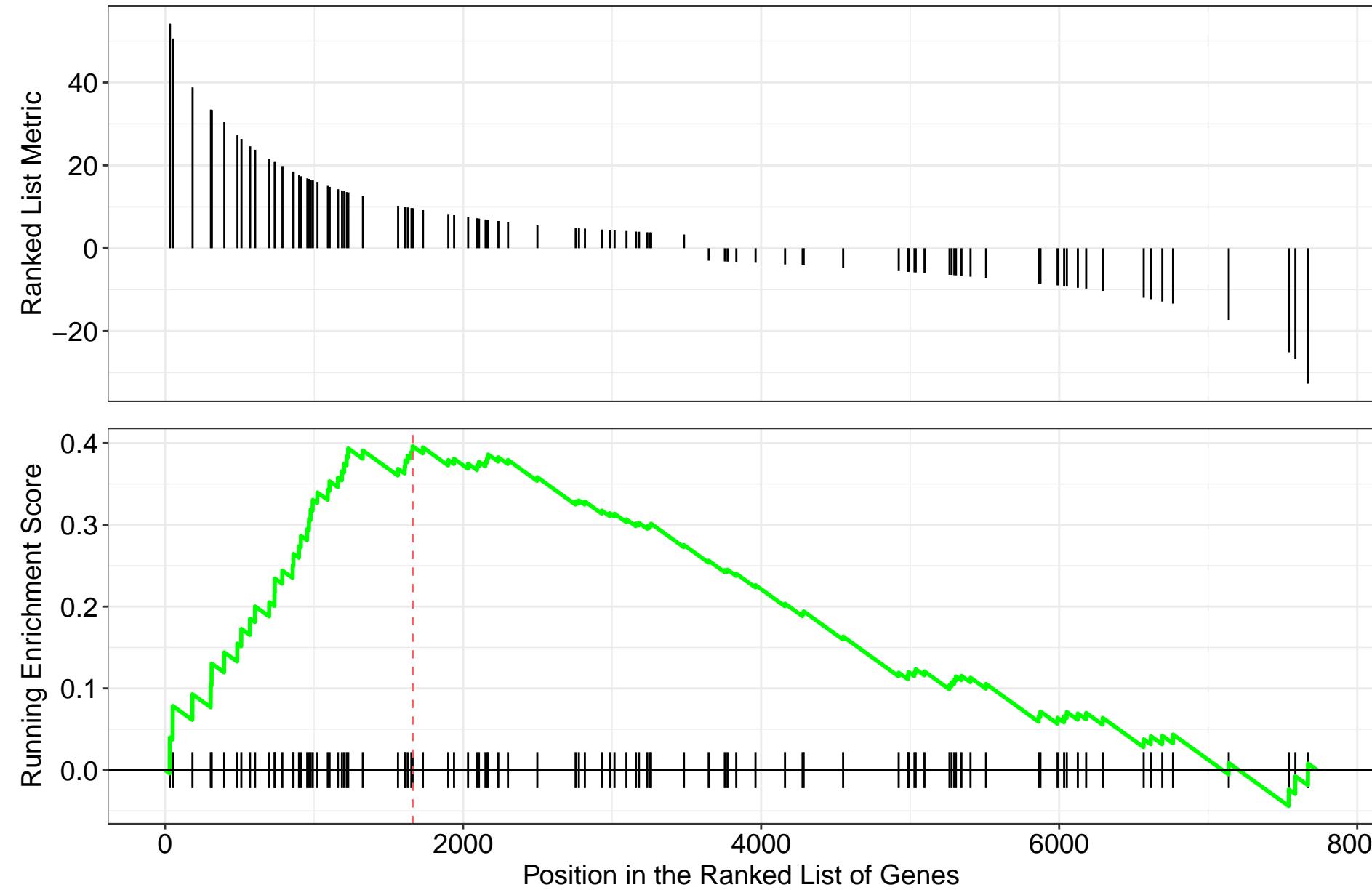
Ranked List Metric



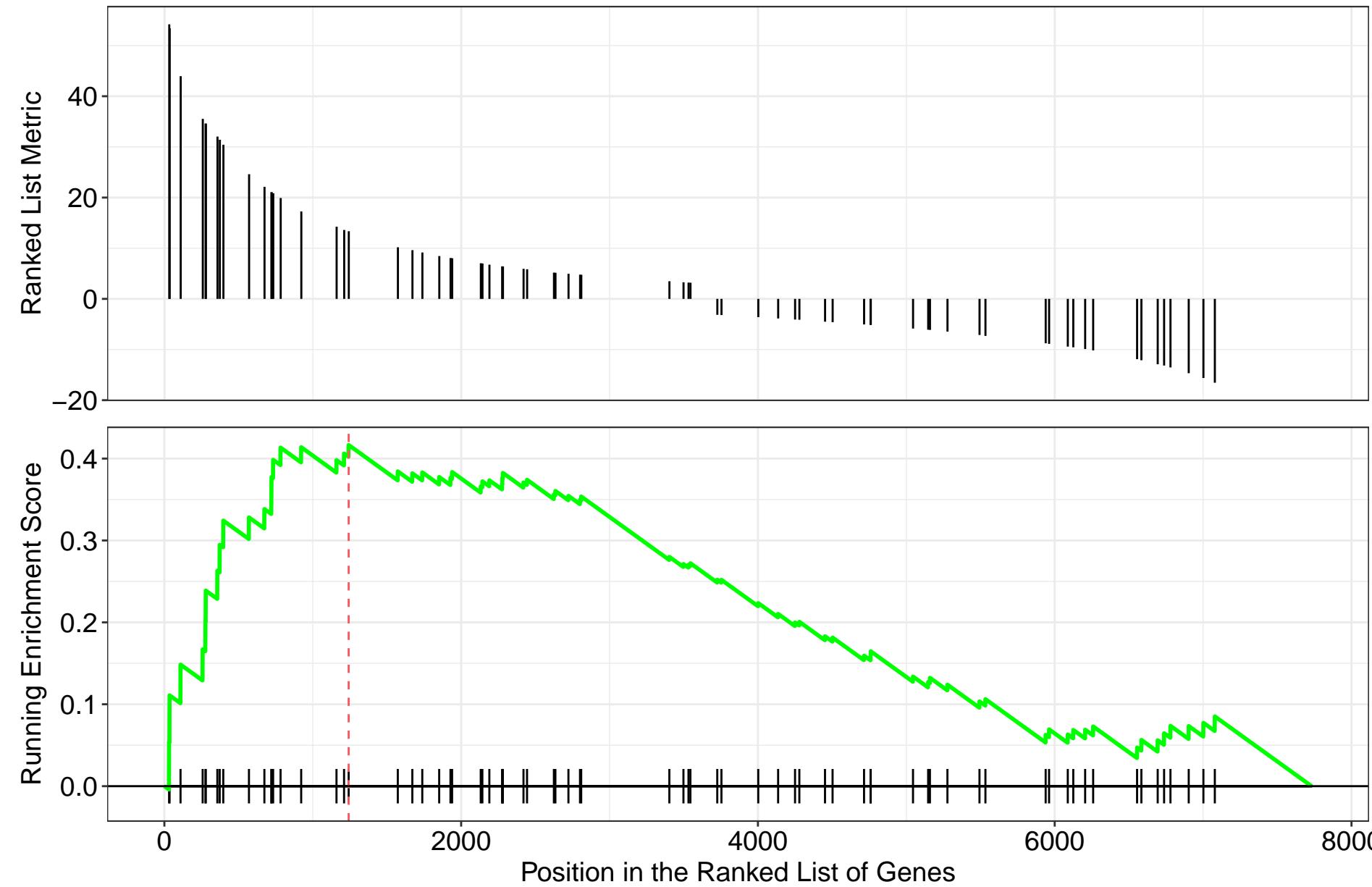
Running Enrichment Score



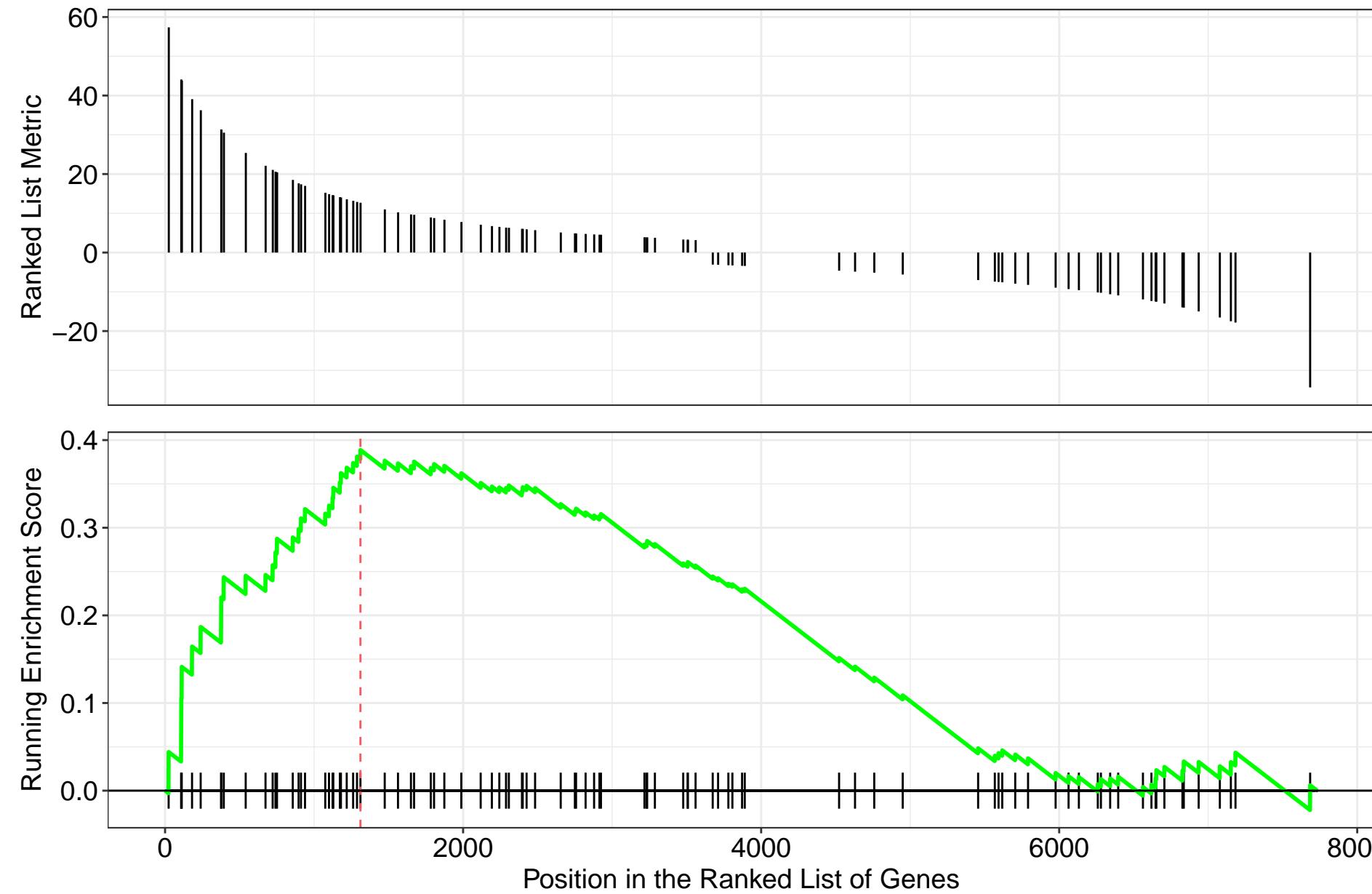
# epithelial cell development



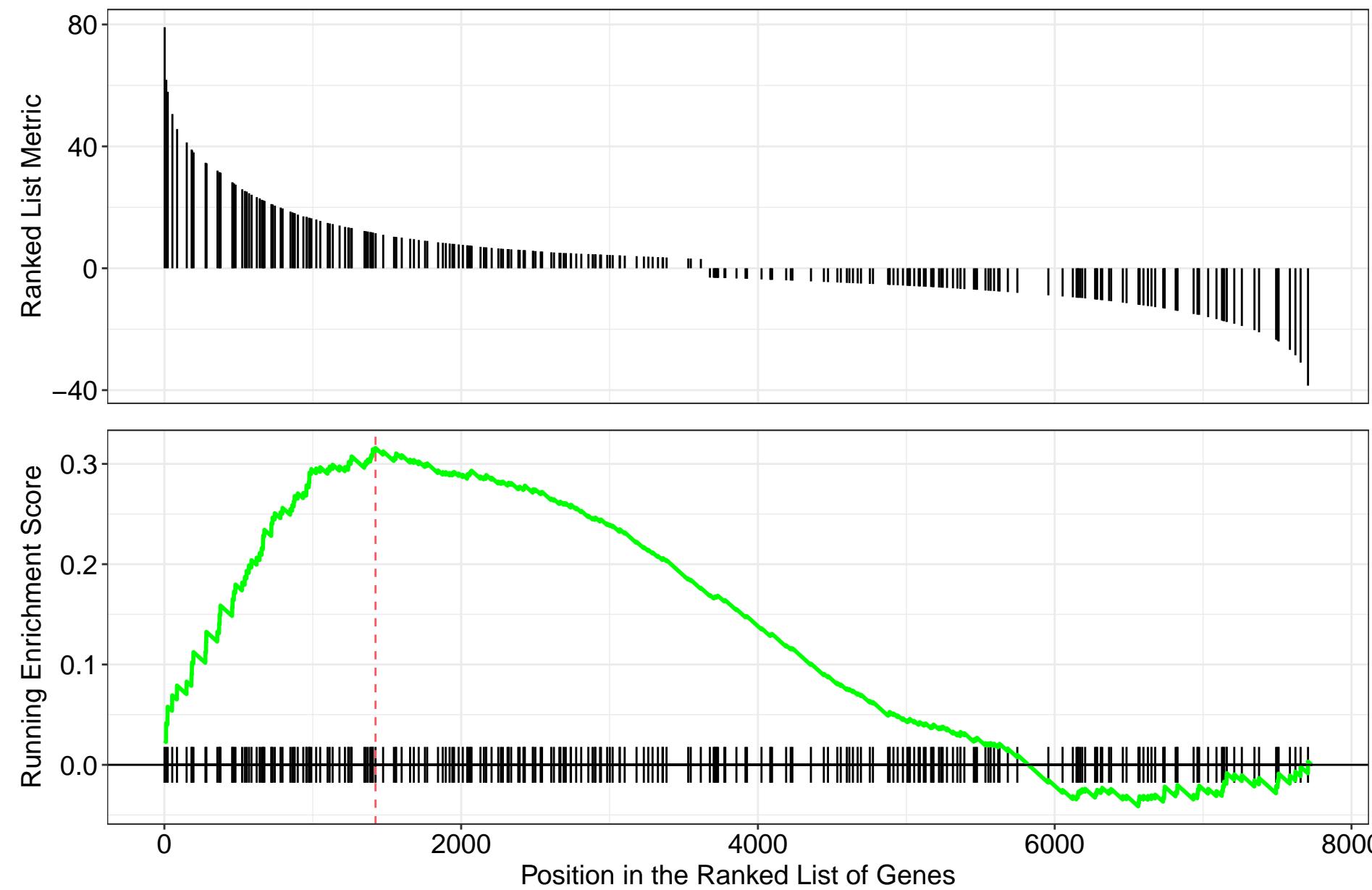
# positive regulation of MAP kinase activity



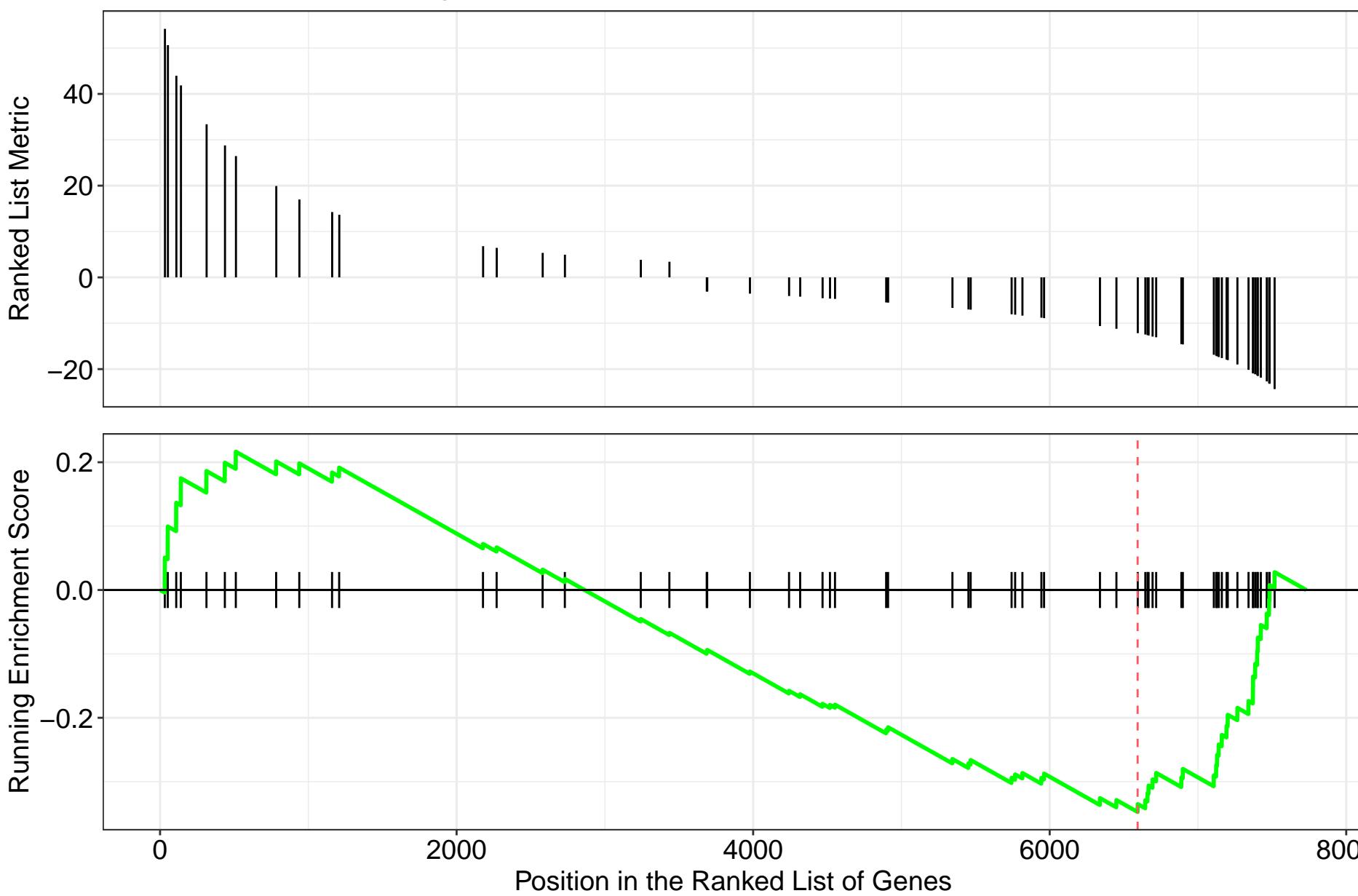
# response to hypoxia



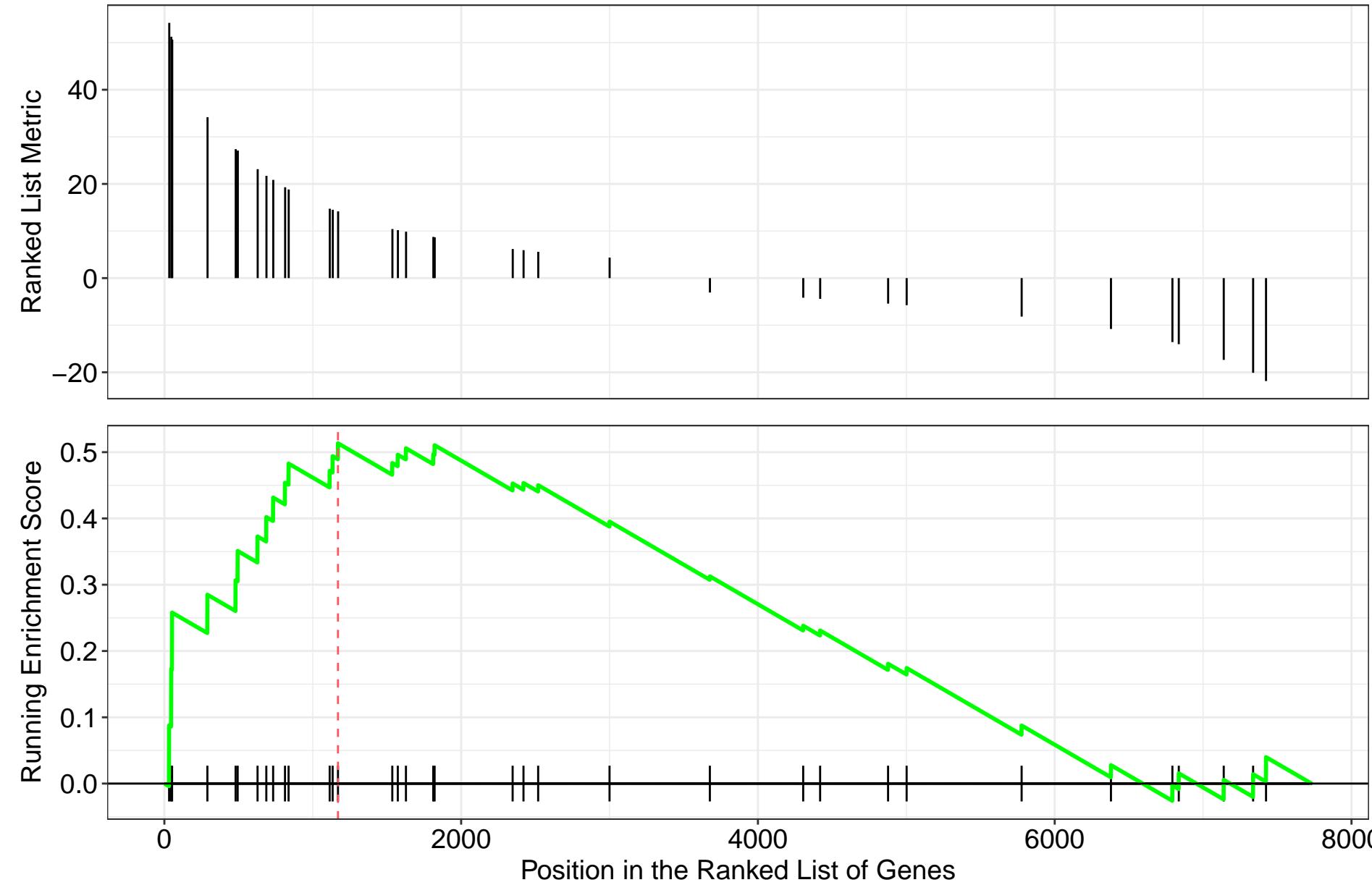
# positive regulation of hydrolase activity



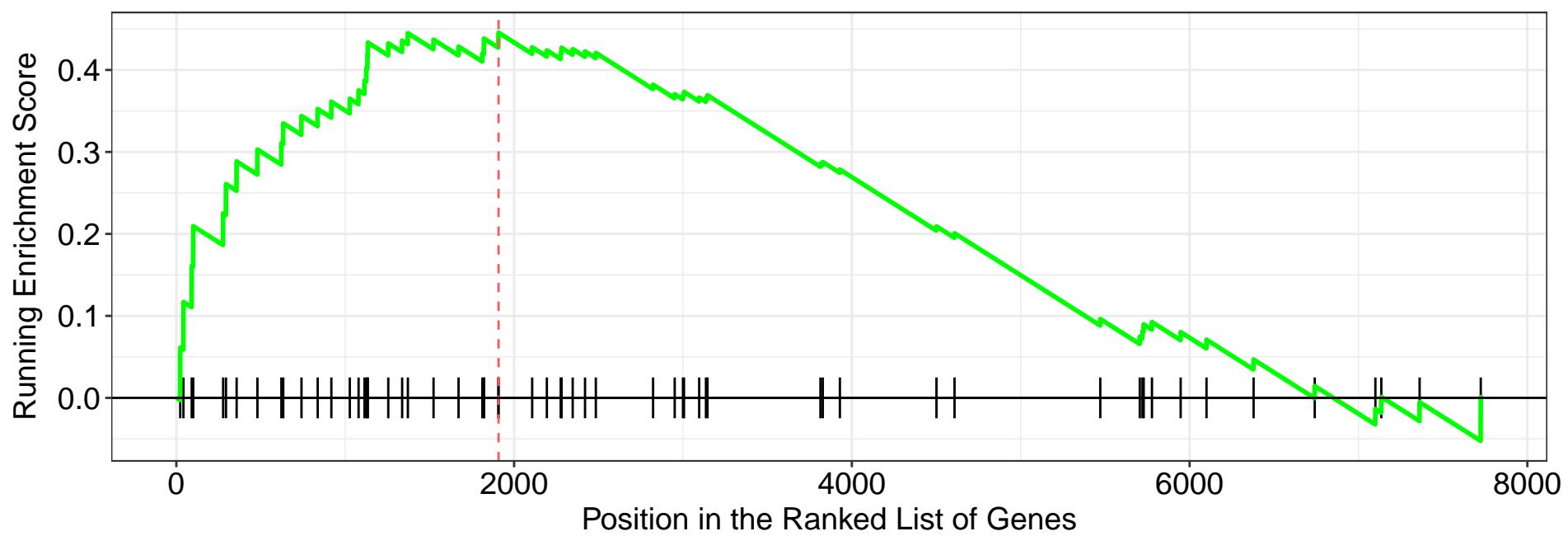
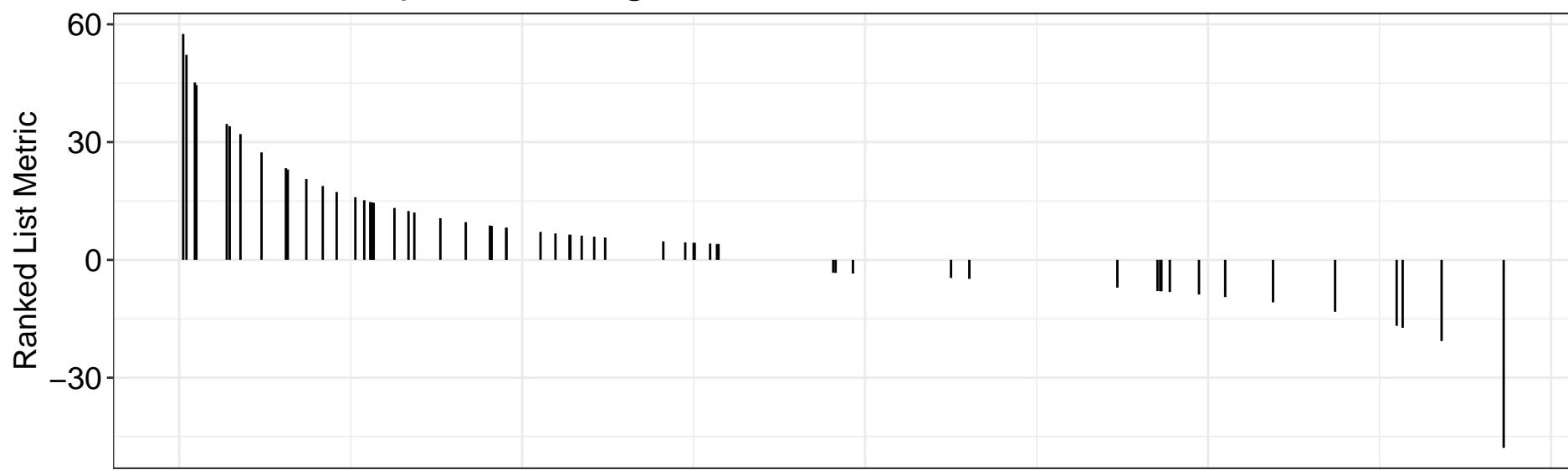
# regulation of mitotic nuclear division



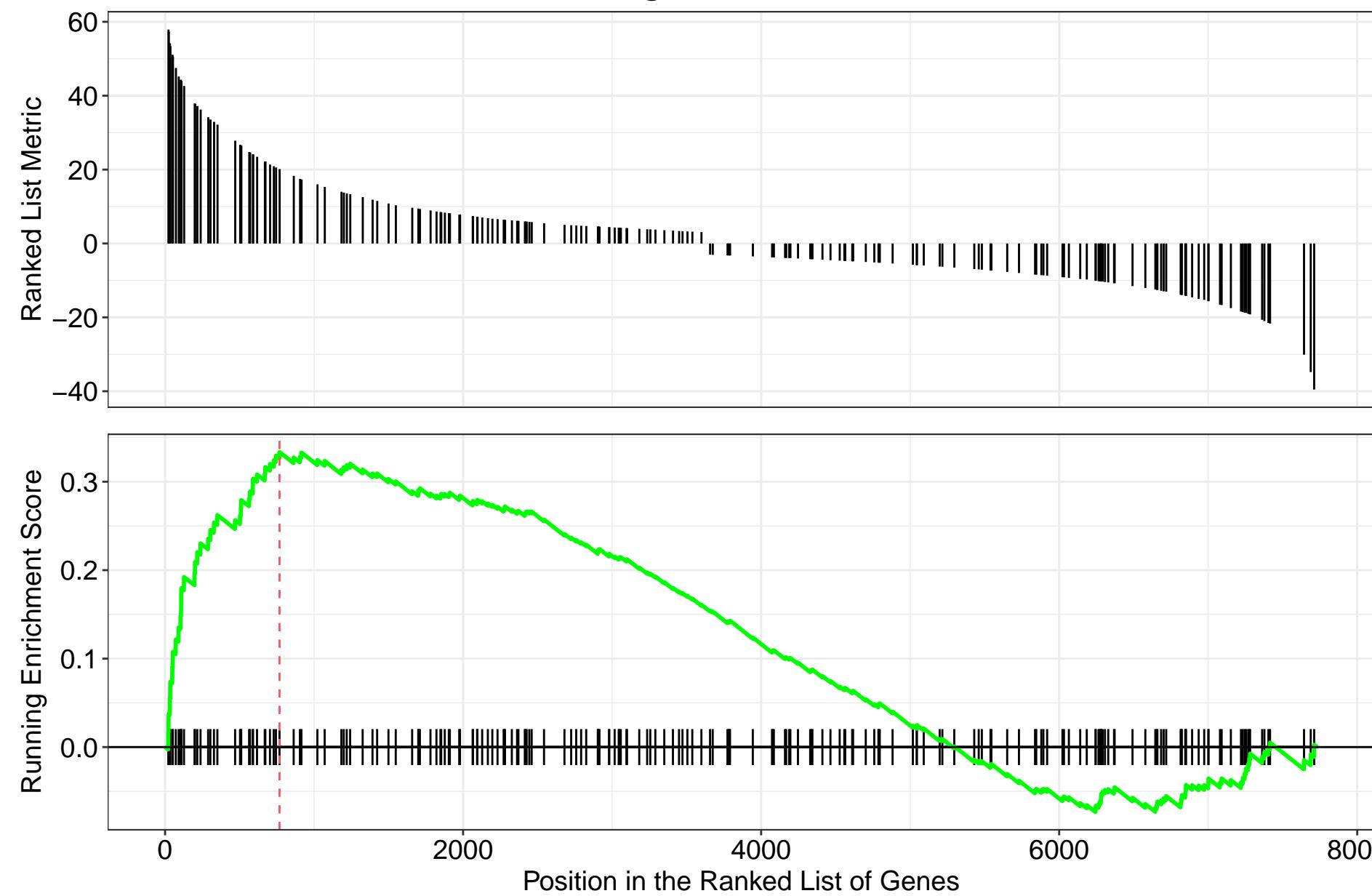
# regulation of interleukin–2 production



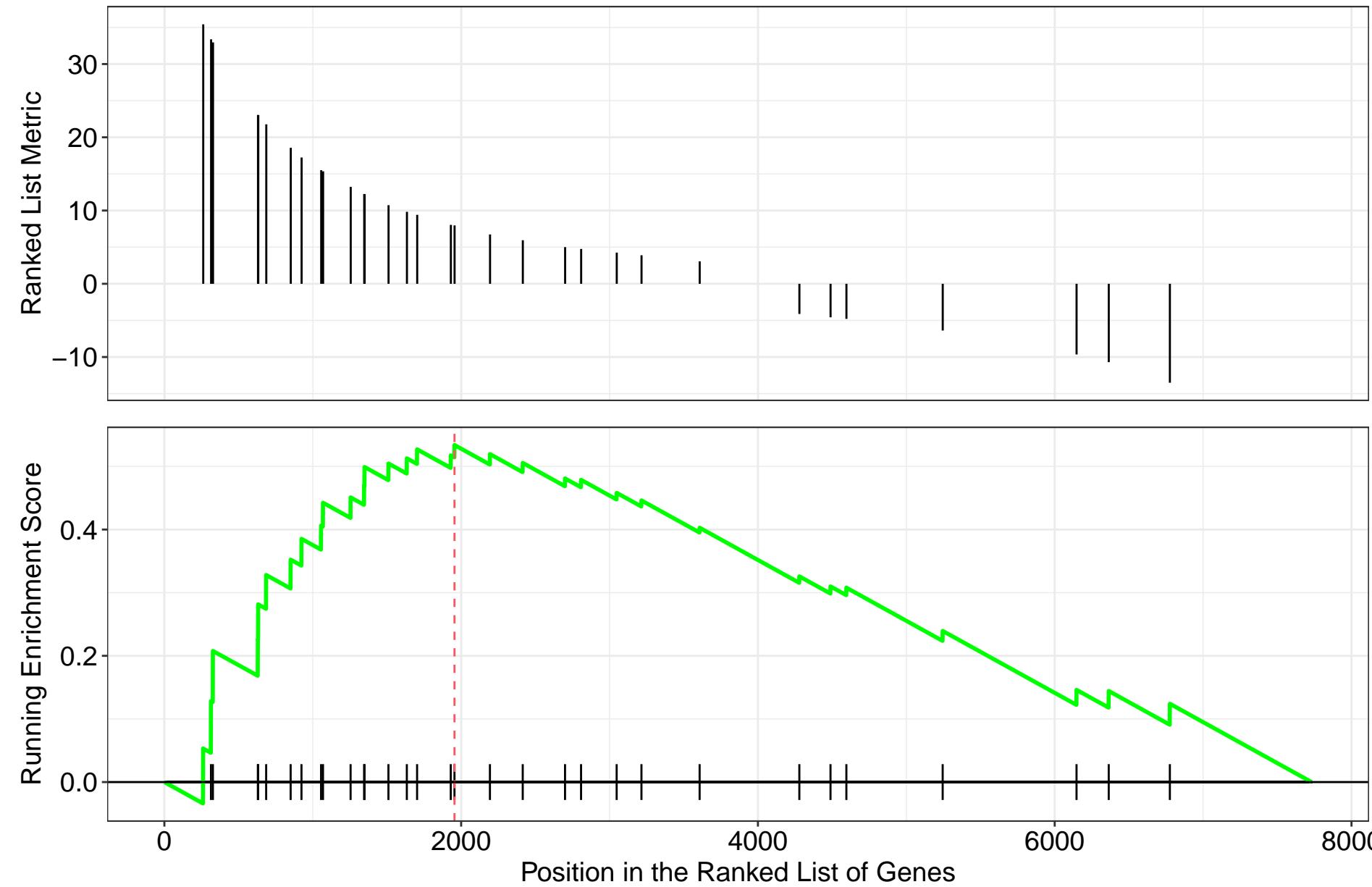
# positive regulation of T cell differentiation



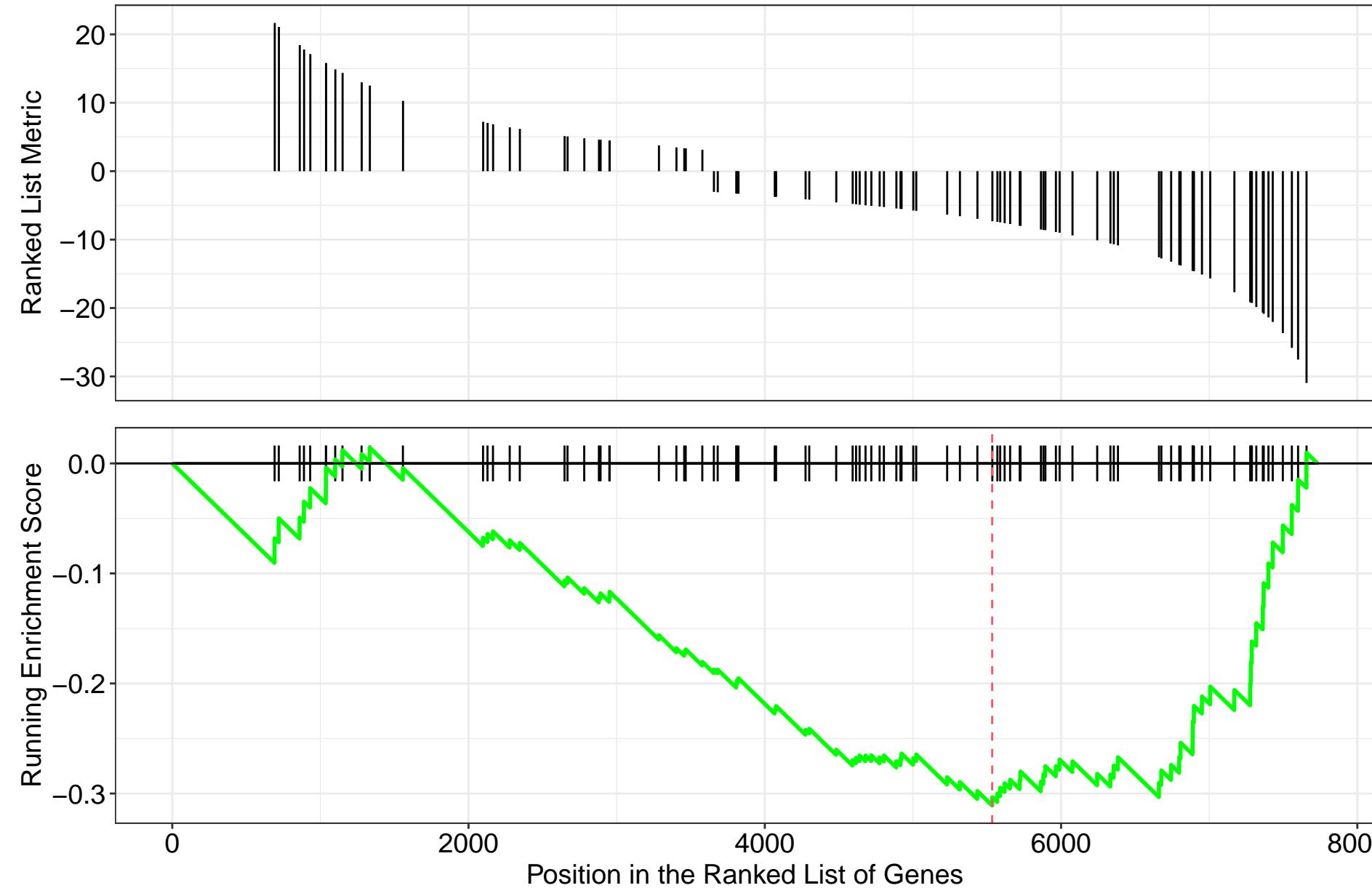
# signal release



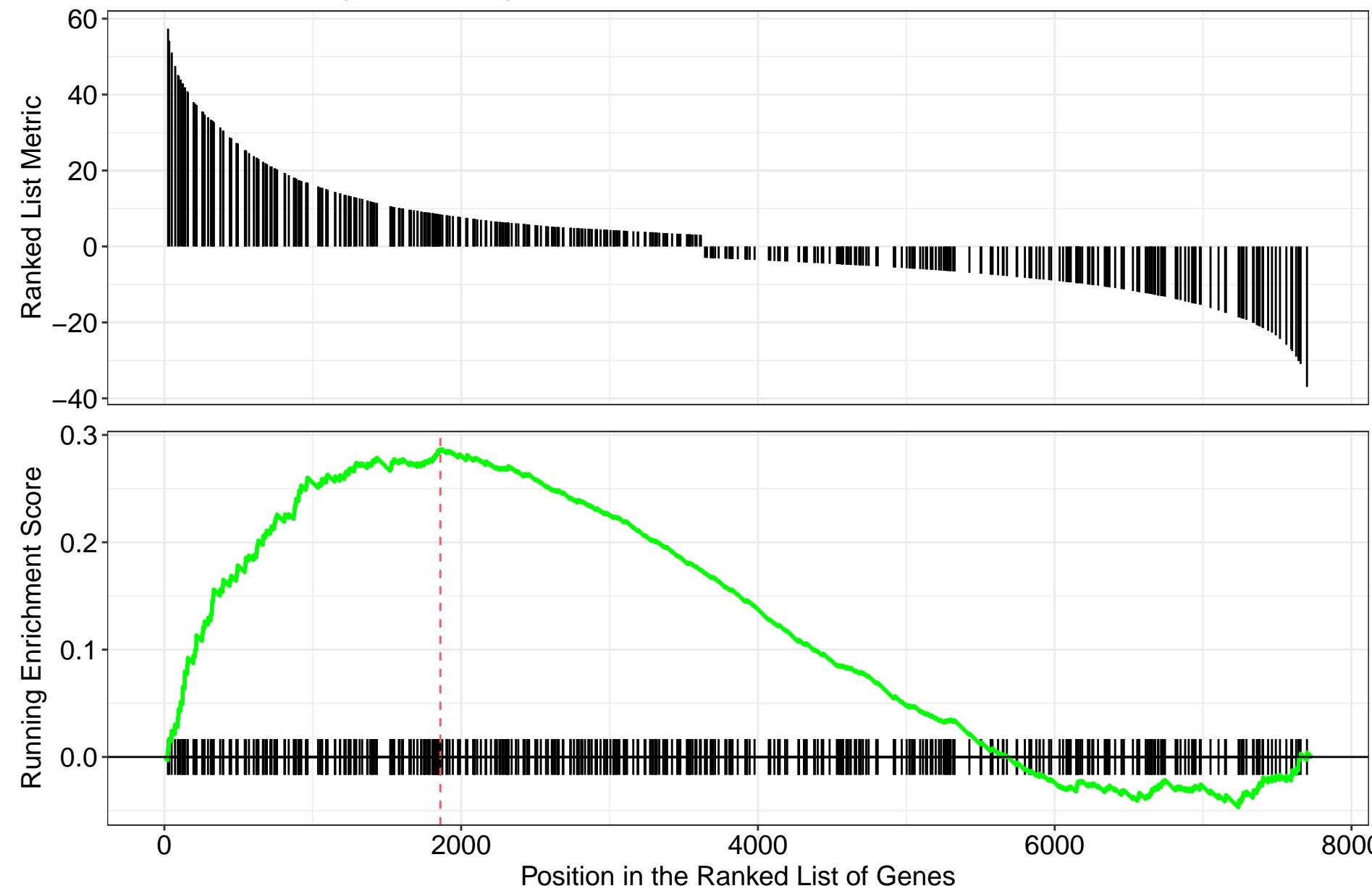
# positive regulation of interferon–beta production



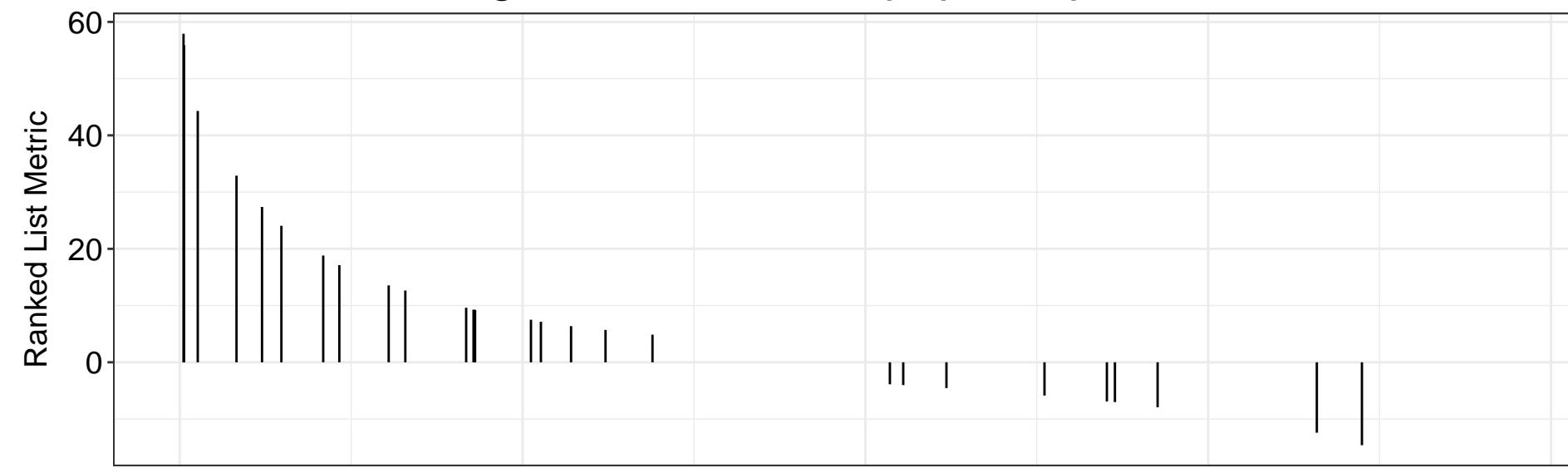
# signal transduction in response to DNA damage



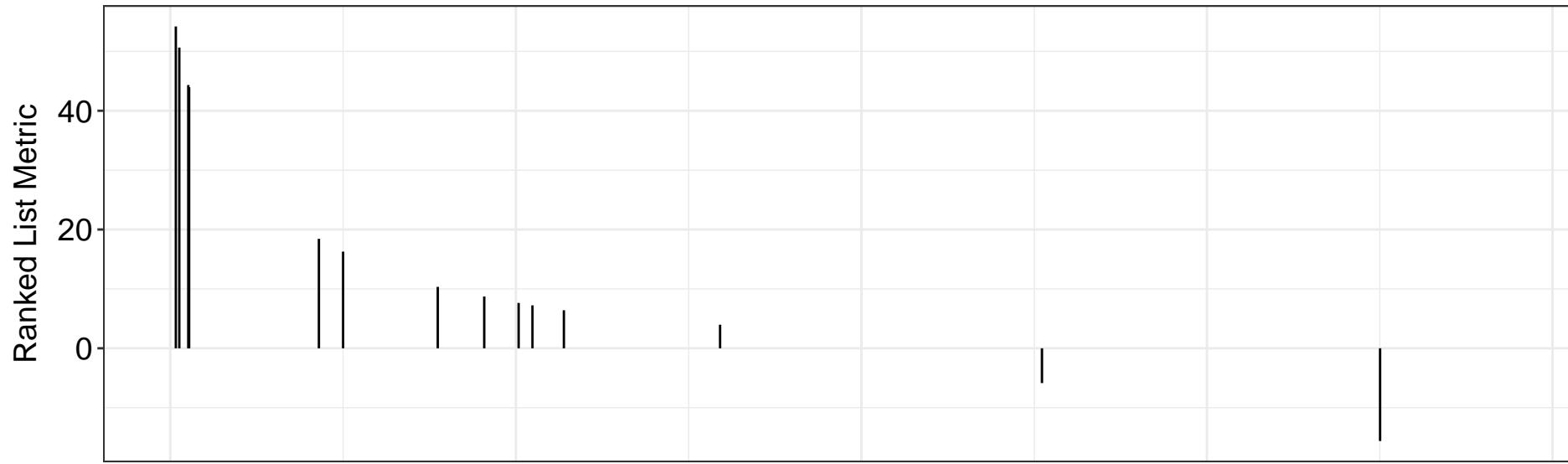
# negative regulation of protein metabolic process



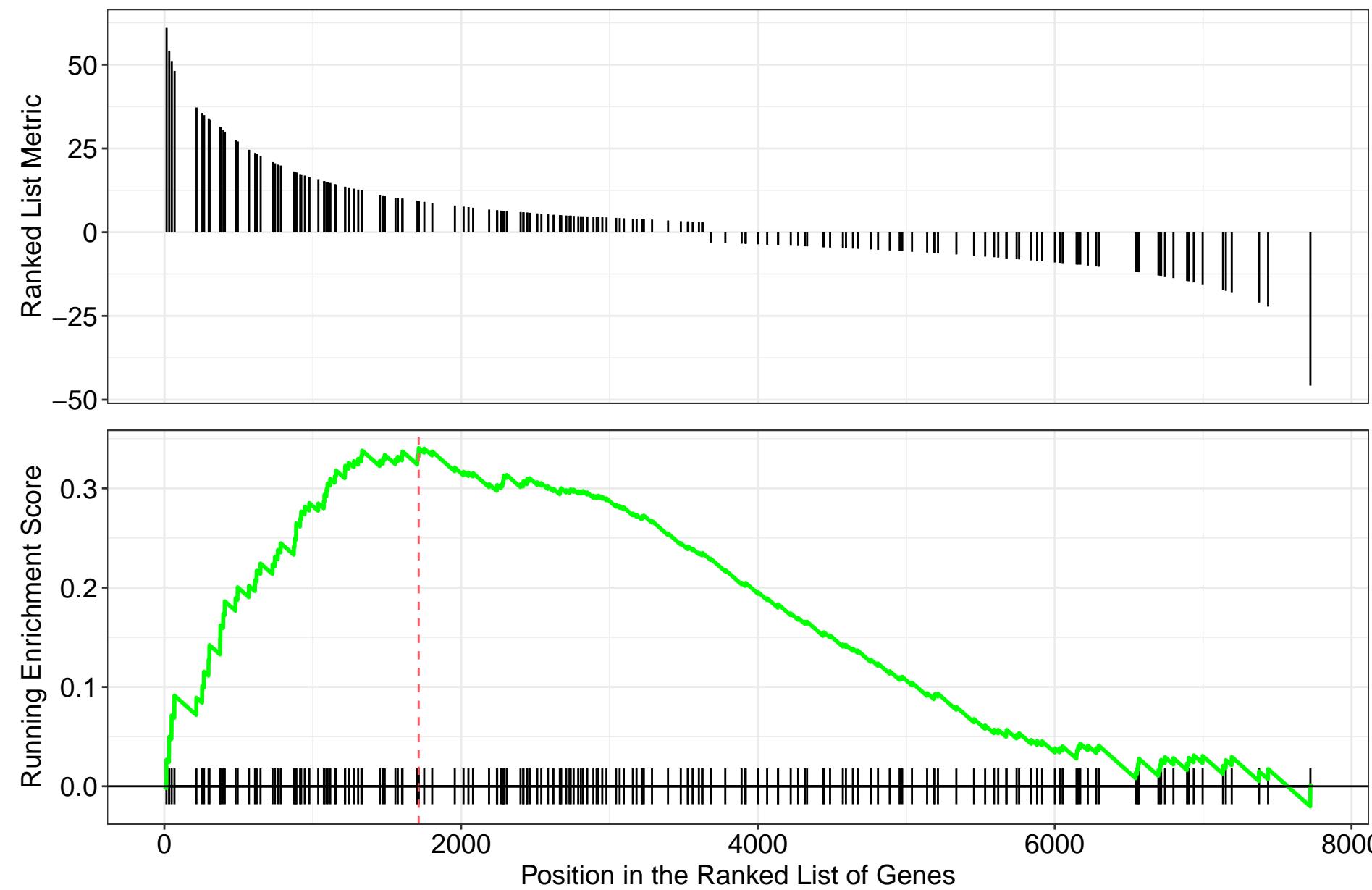
# regulation of T cell apoptotic process



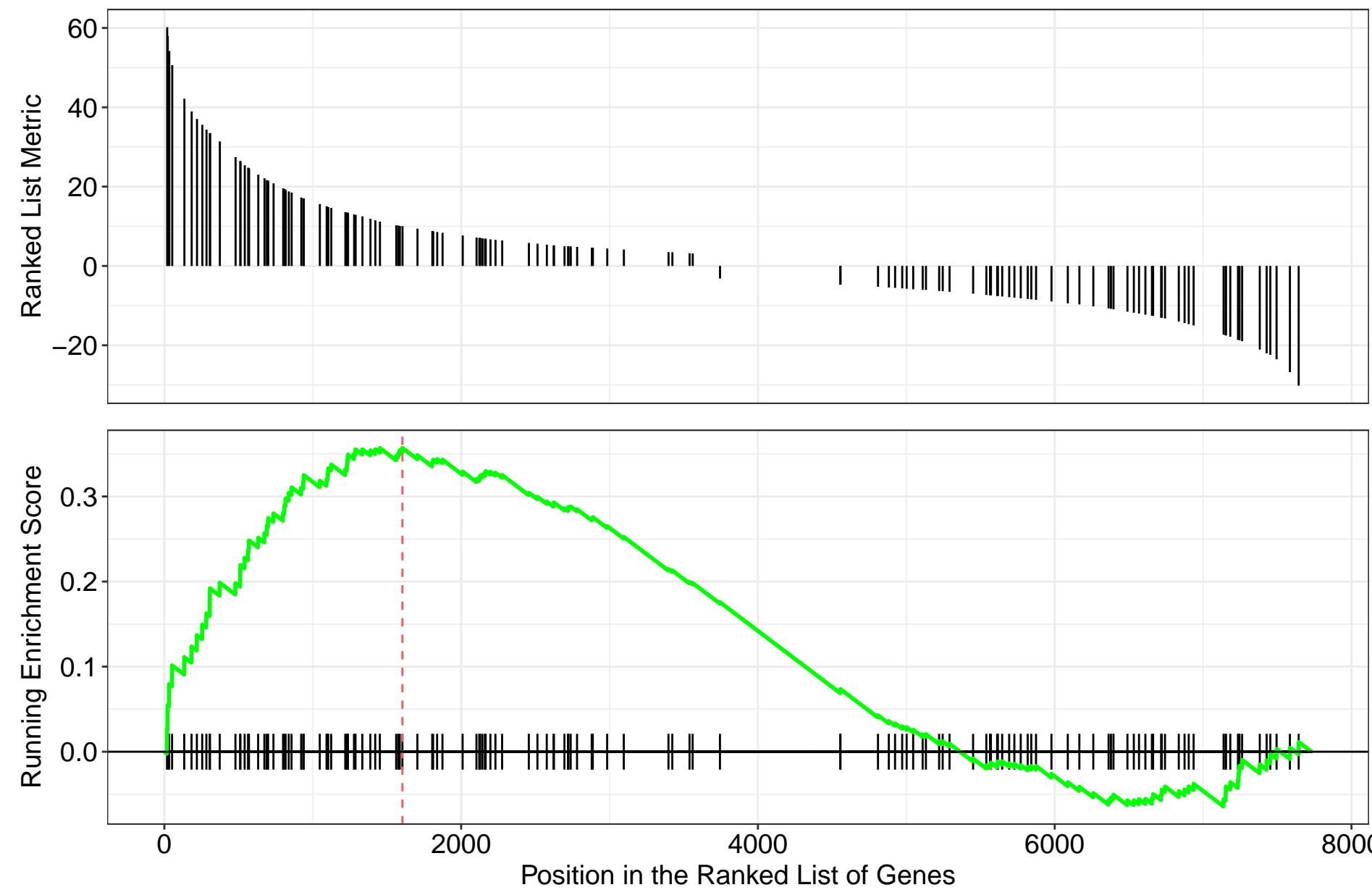
# positive regulation of fatty acid transport



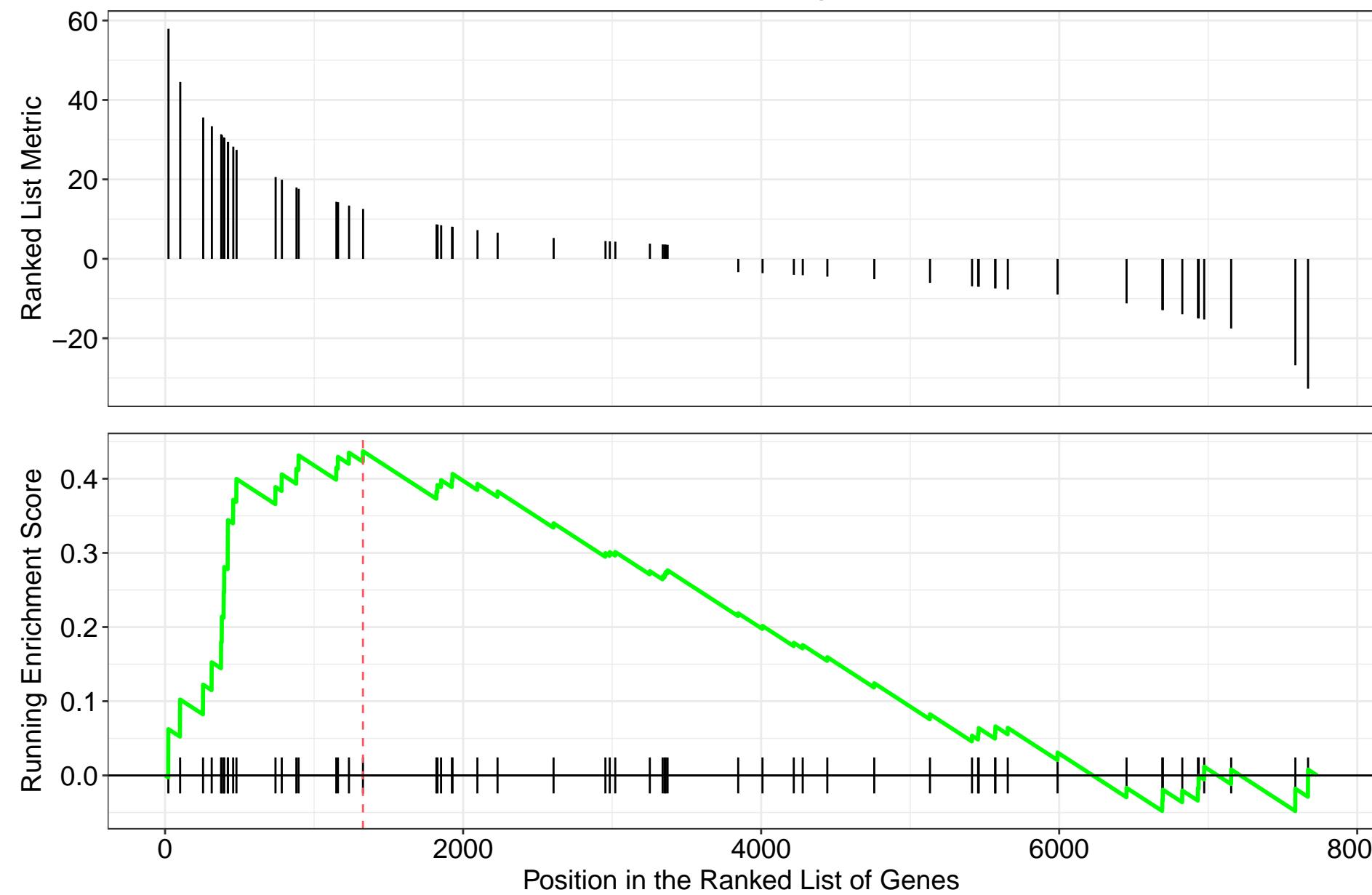
# regulation of apoptotic signaling pathway



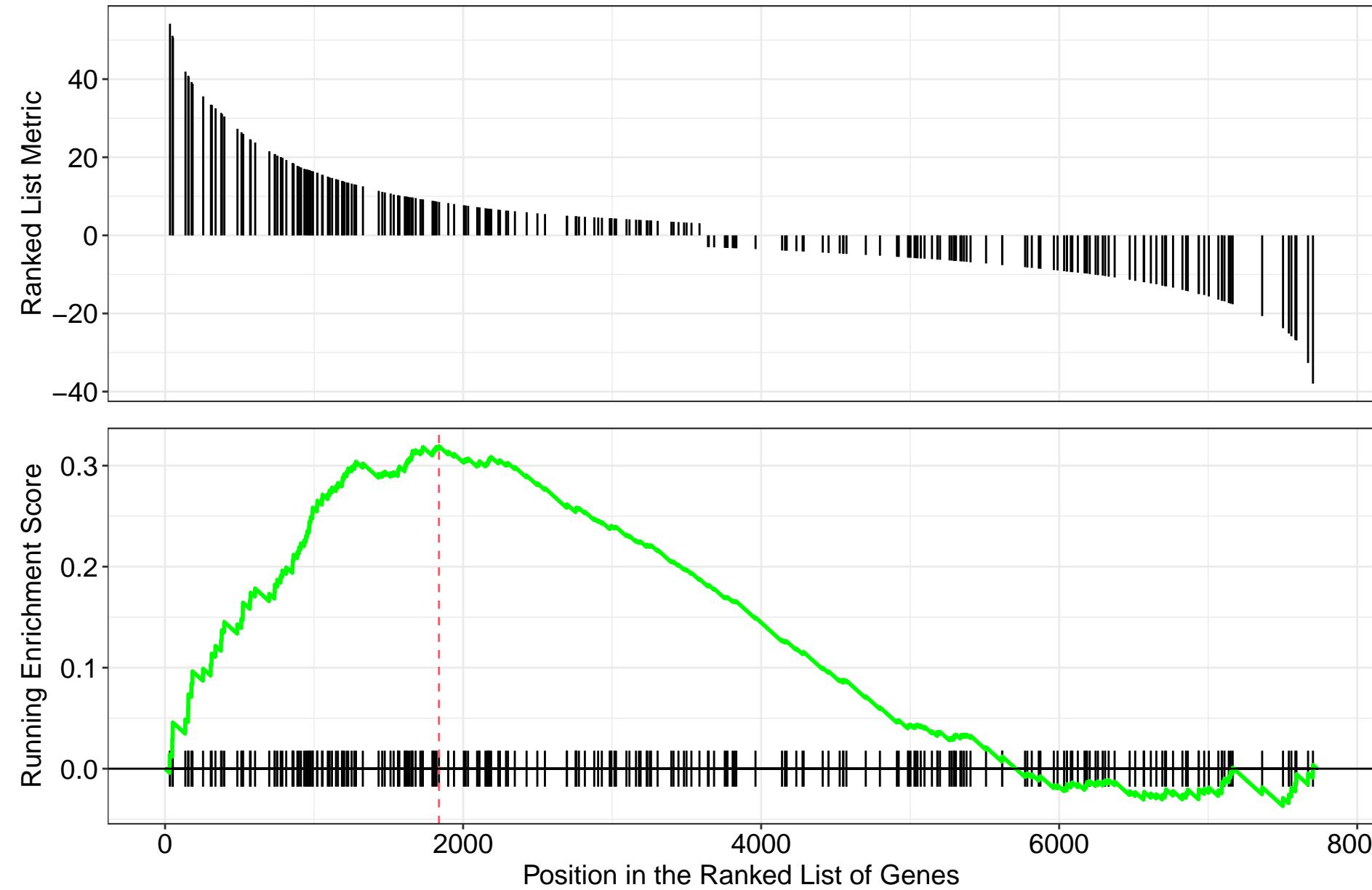
# regulation of vasculature development



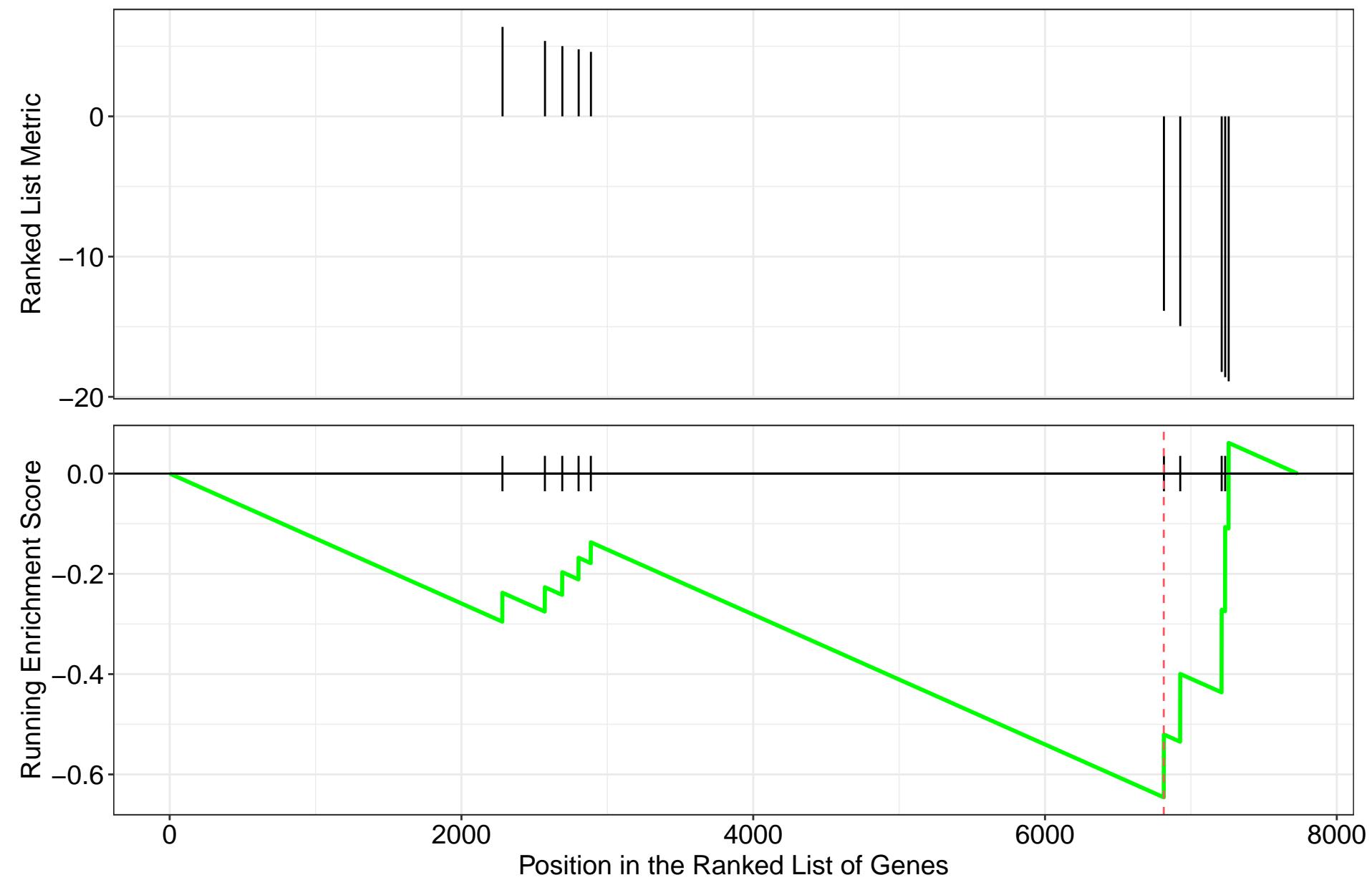
# muscle cell migration



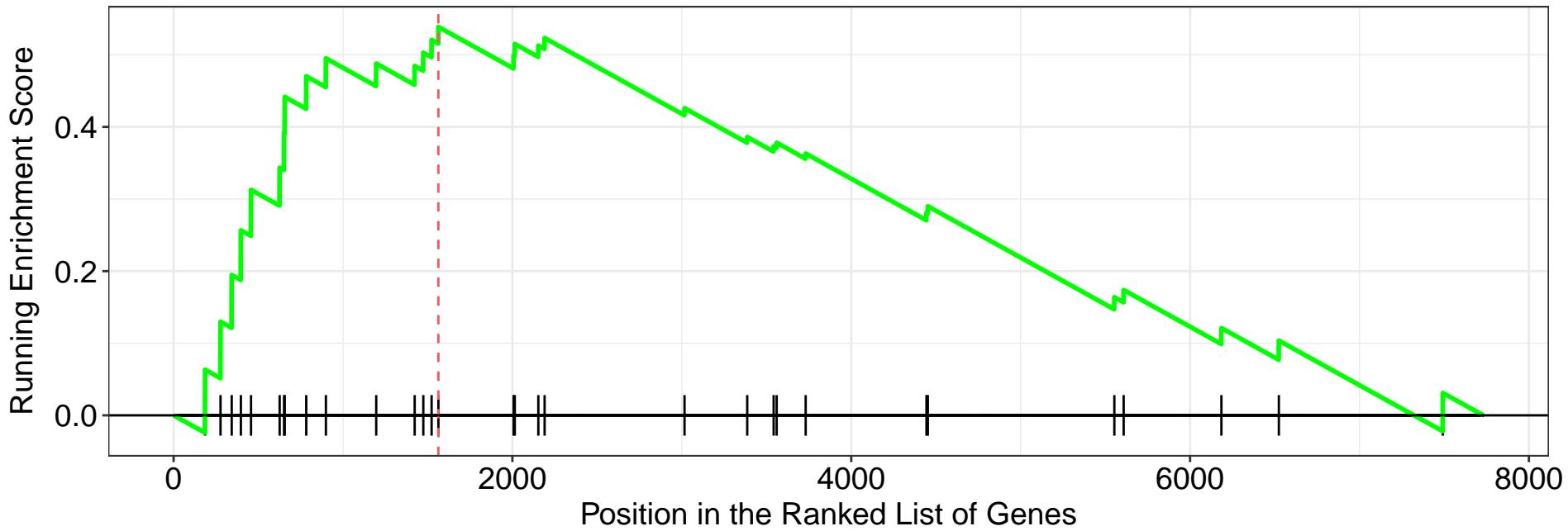
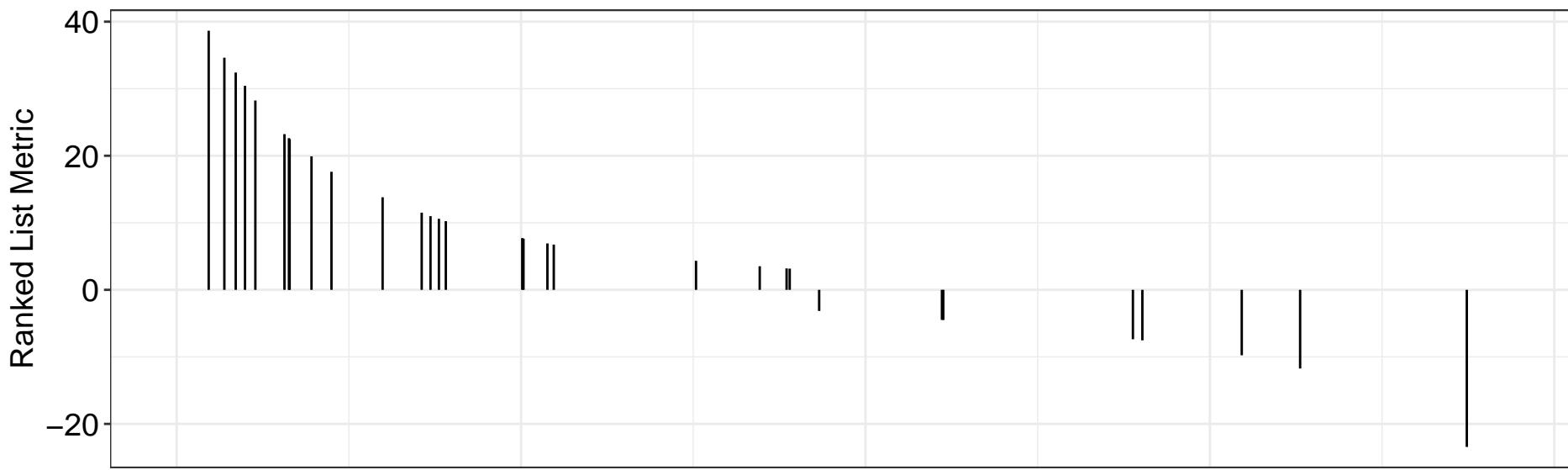
# epithelial cell differentiation



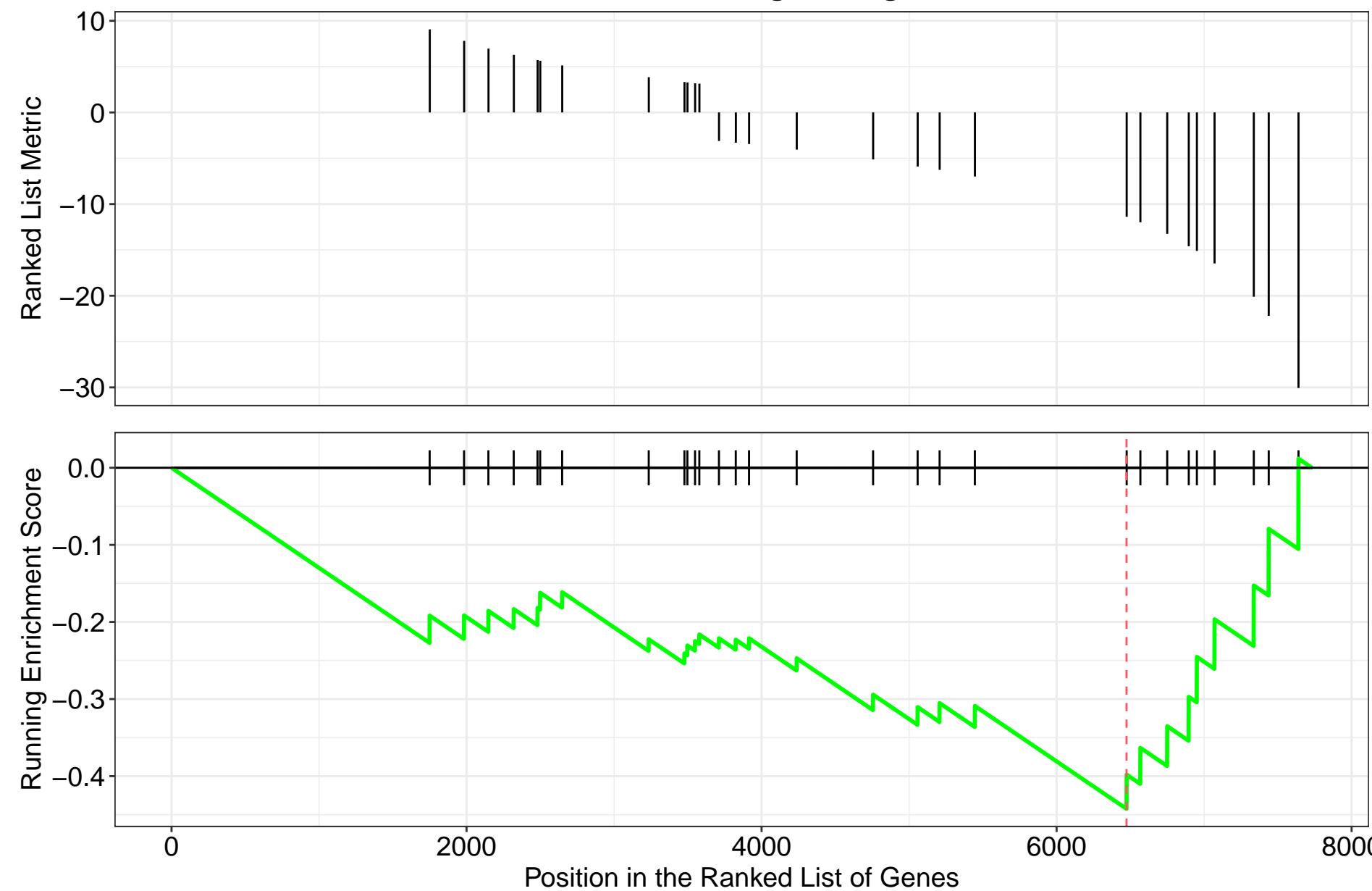
# regulation of neutrophil activation



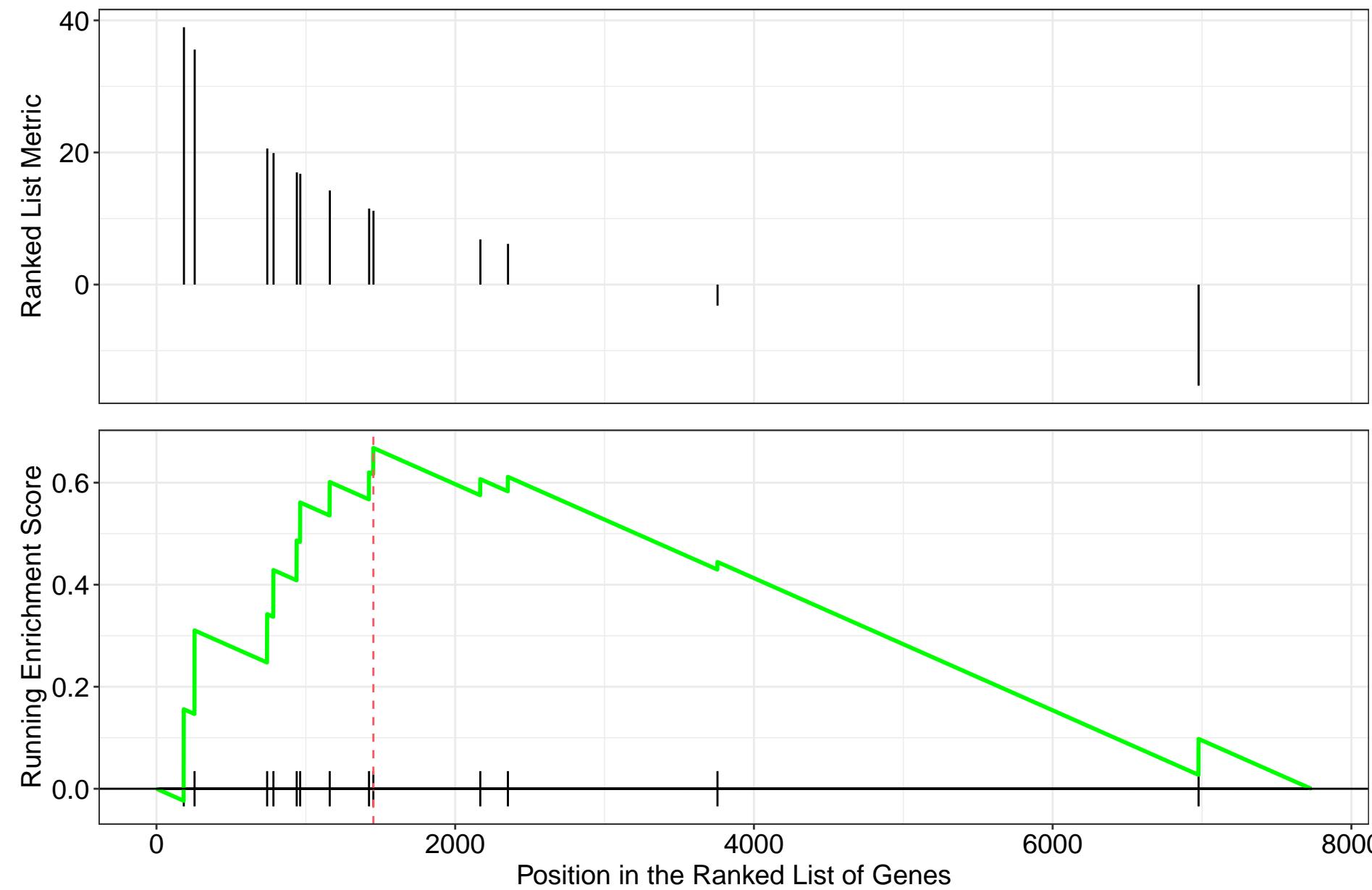
# positive regulation of Ras protein signal transduction



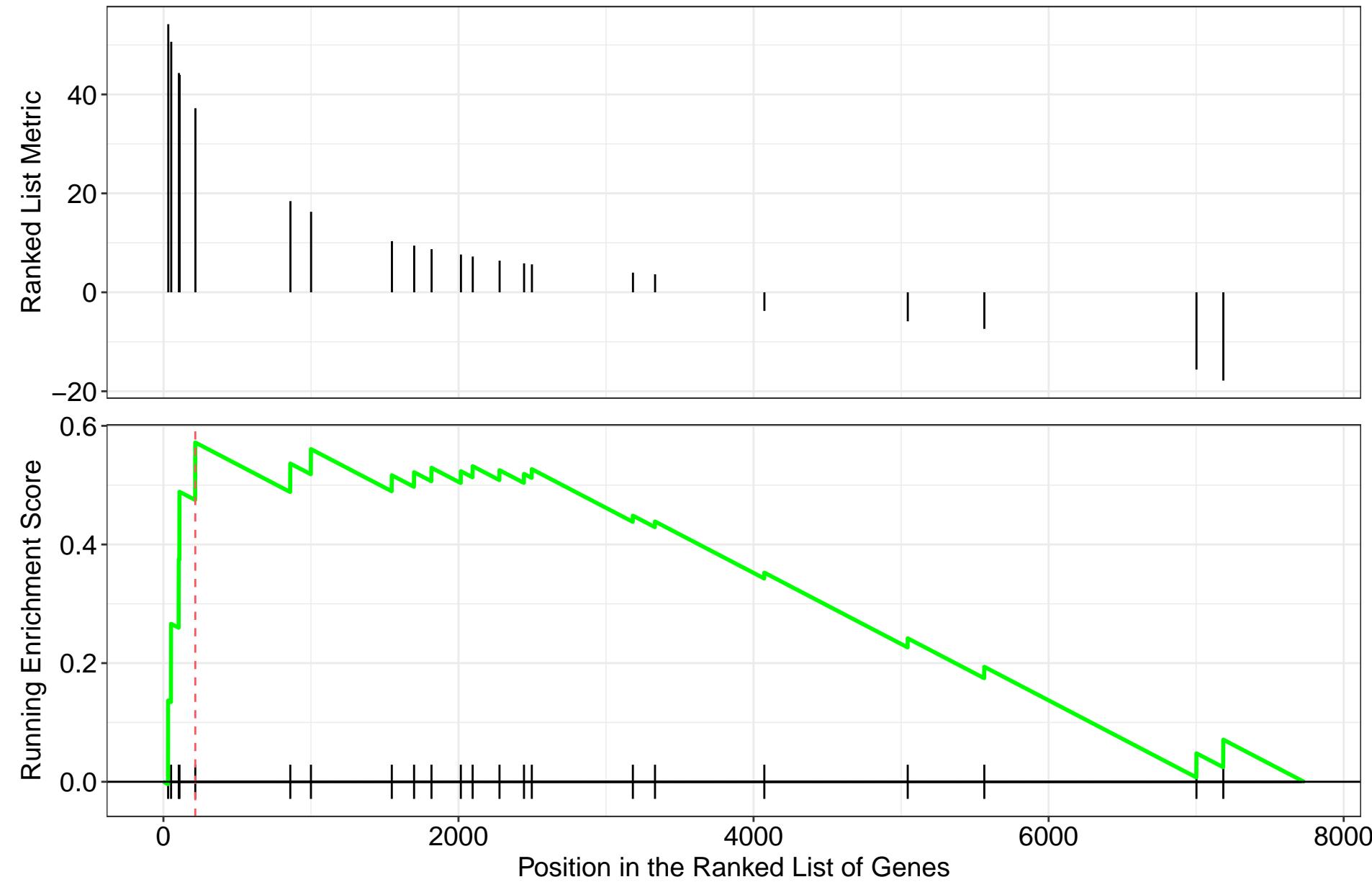
# TORC1 signaling



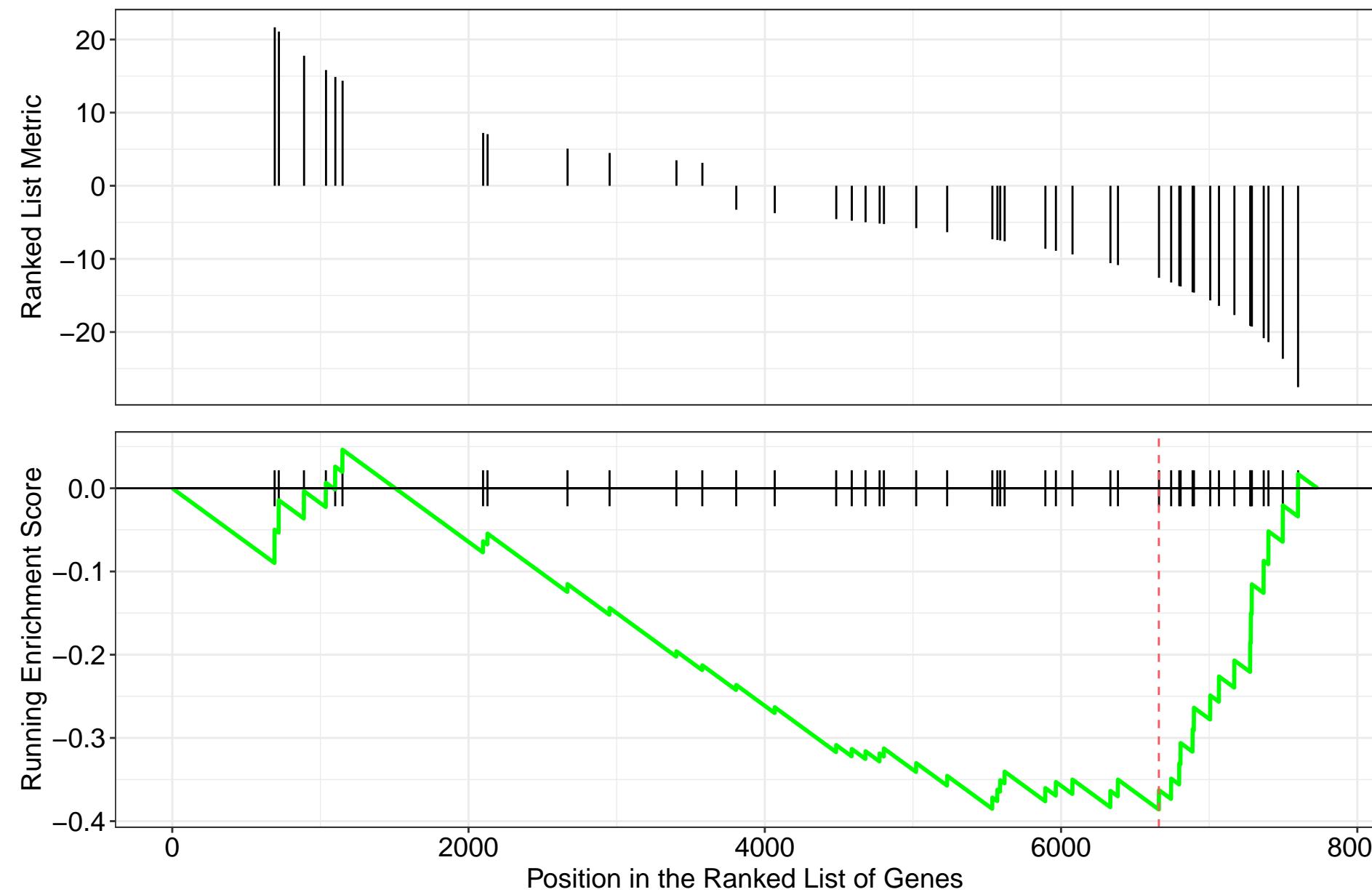
# positive regulation of collagen biosynthetic process



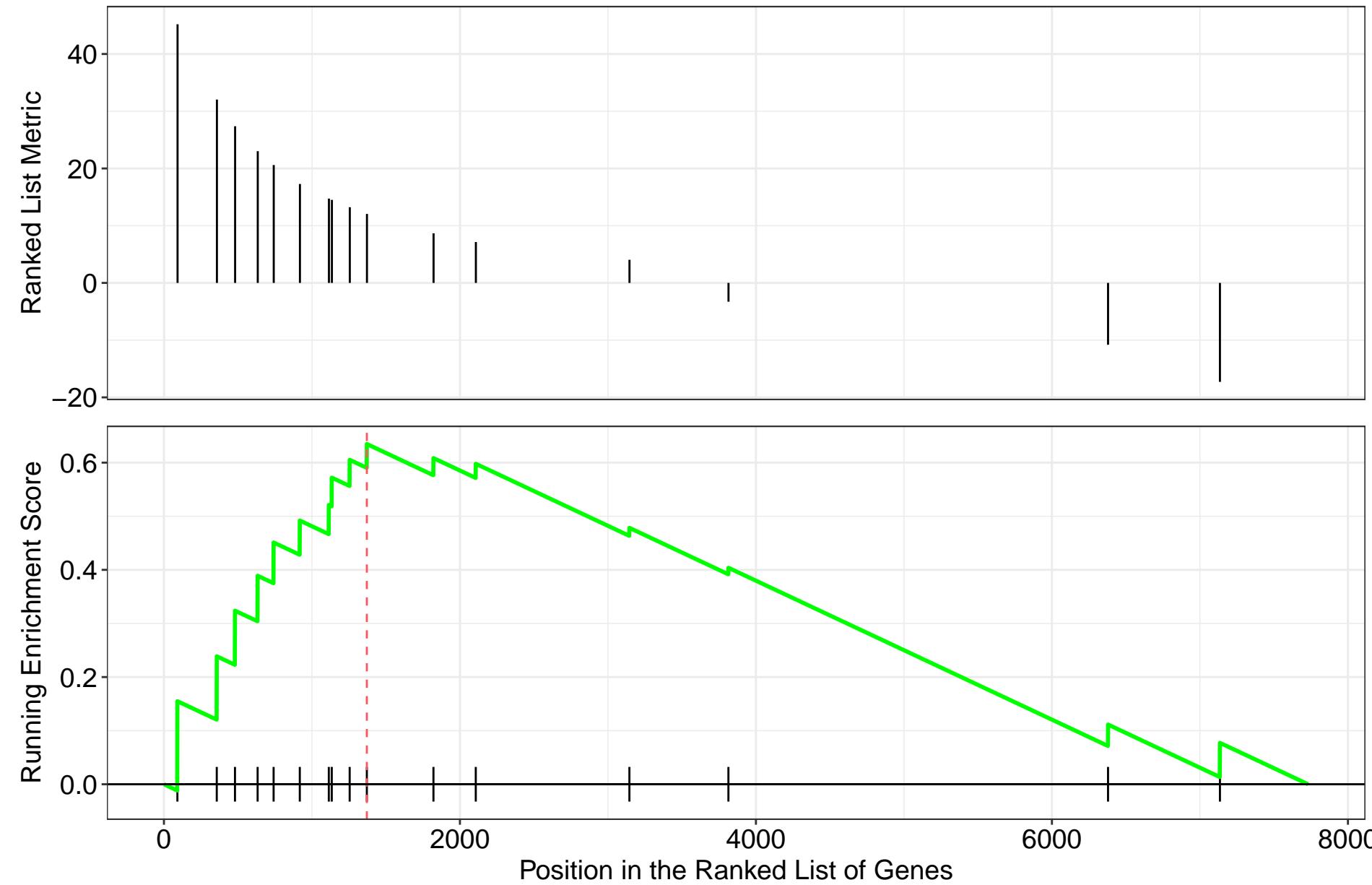
# positive regulation of organic acid transport



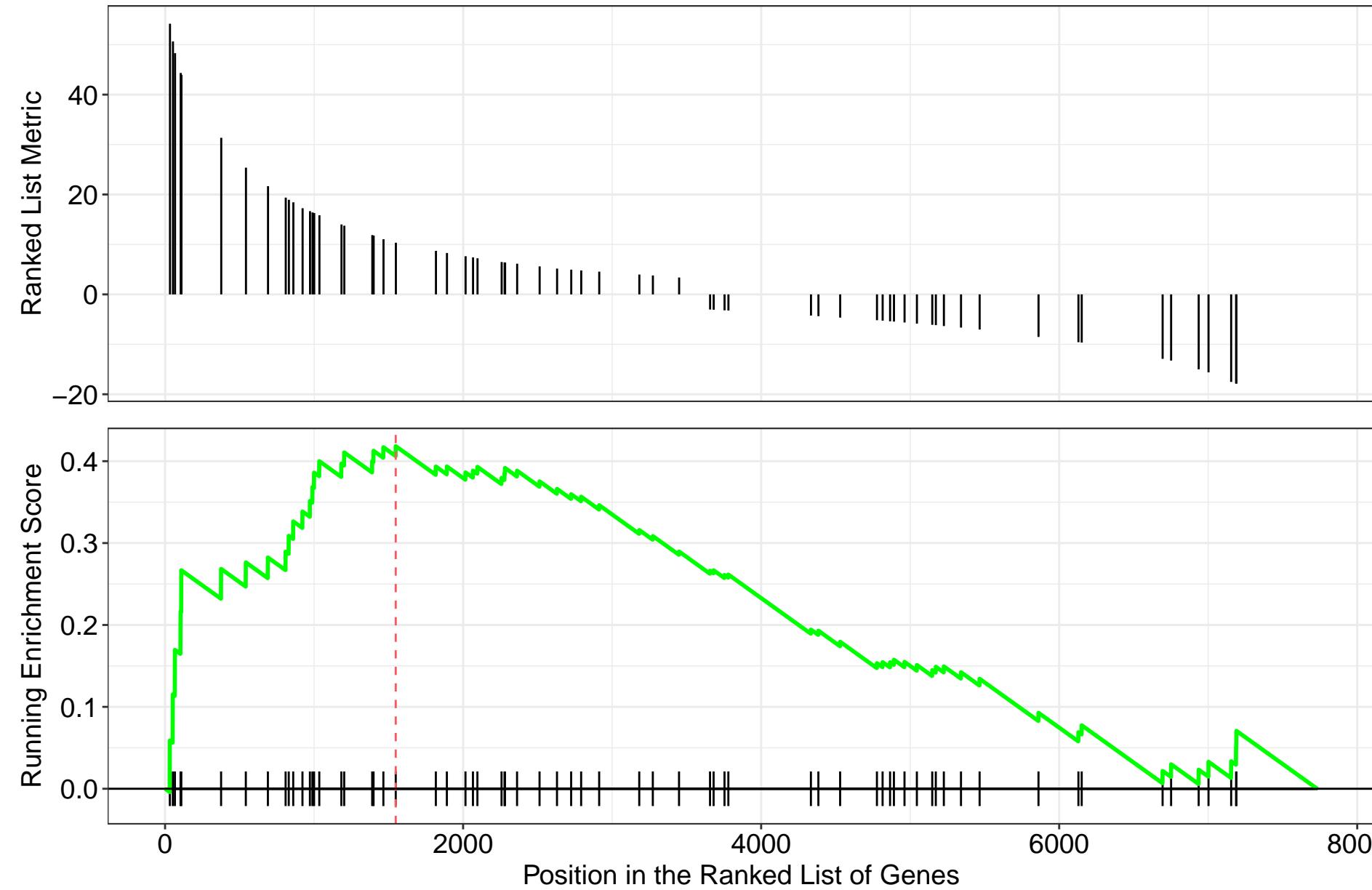
# mitotic DNA integrity checkpoint signaling



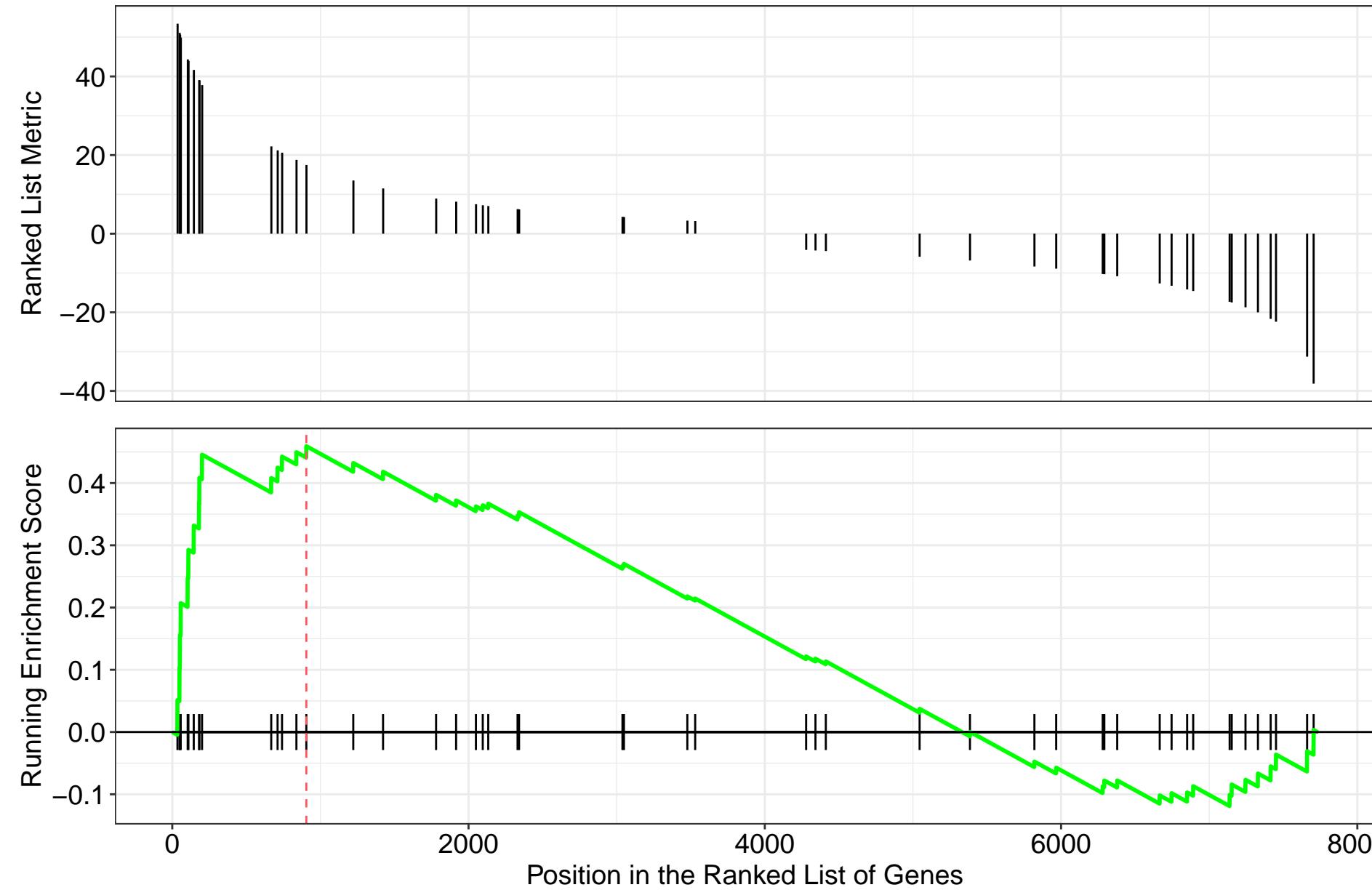
# positive regulation of T-helper cell differentiation



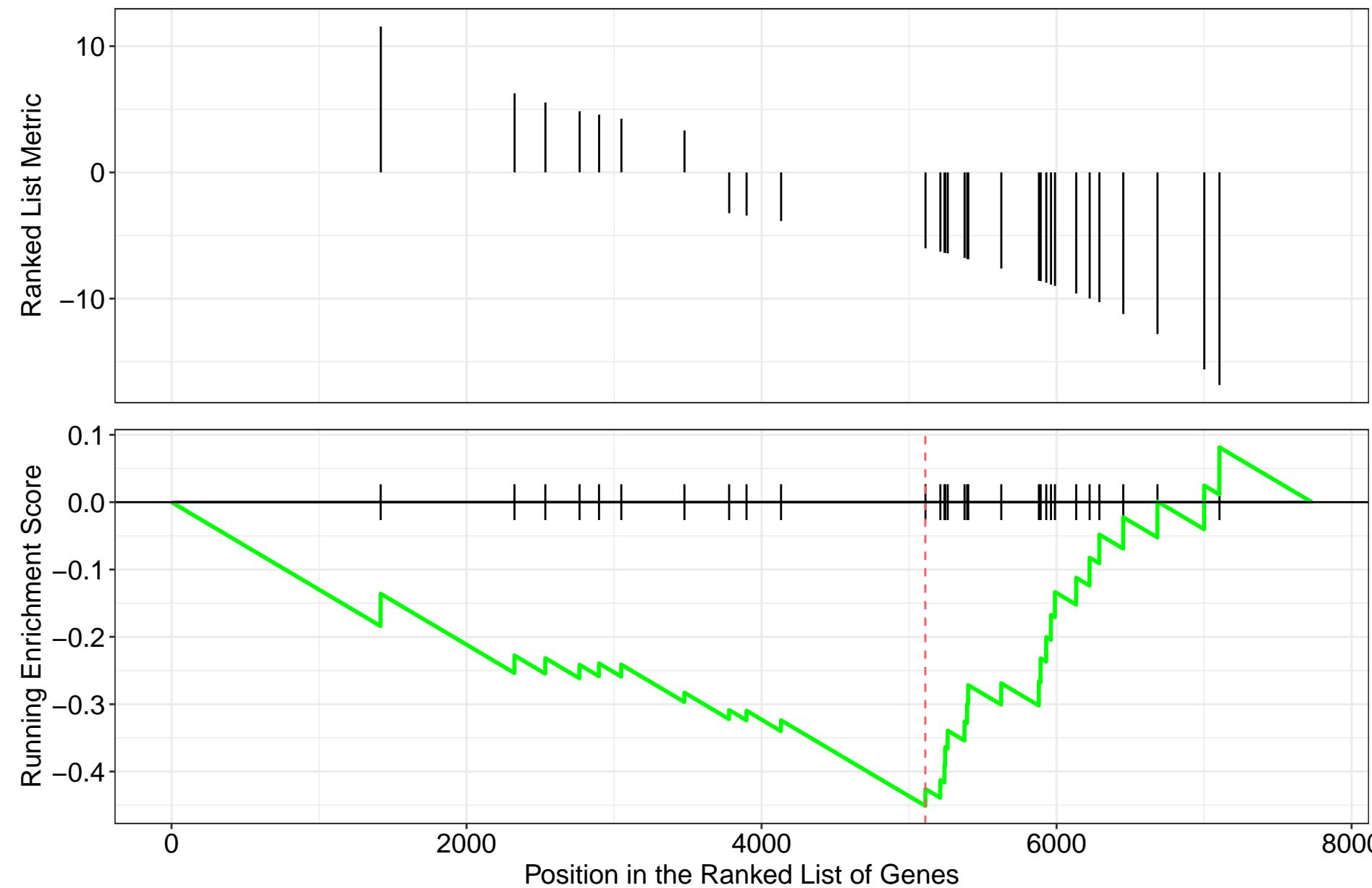
# regulation of lipid localization



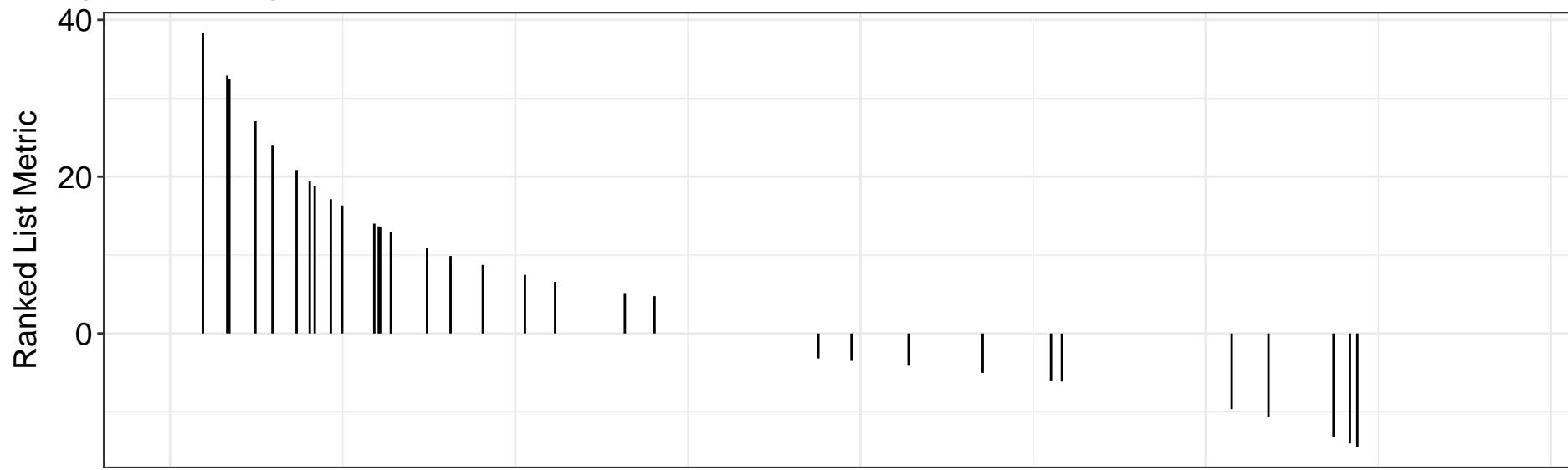
# sensory perception of pain



# glucan metabolic process

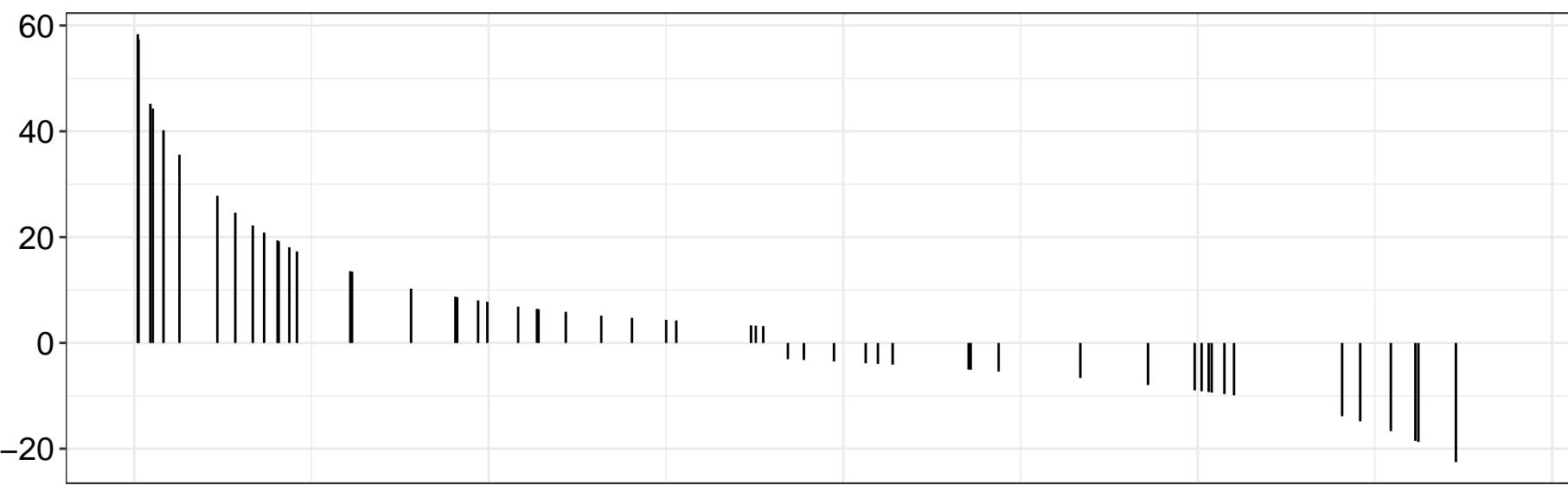


# negative regulation of tumor necrosis factor superfamily cytokine production



# production of molecular mediator involved in inflammatory response

Ranked List Metric



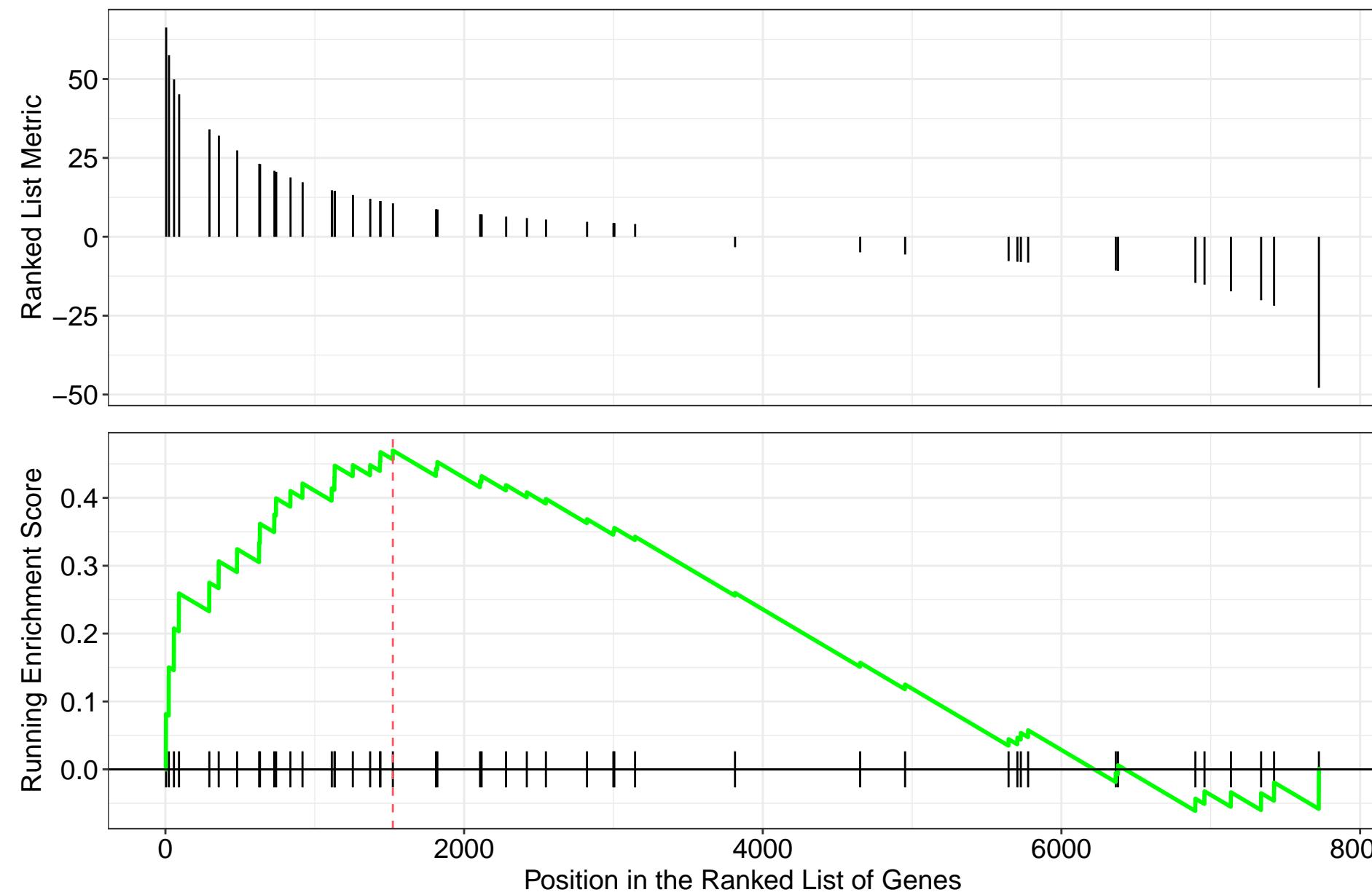
Running Enrichment Score

Position in the Ranked List of Genes

Position in the Ranked List of Genes

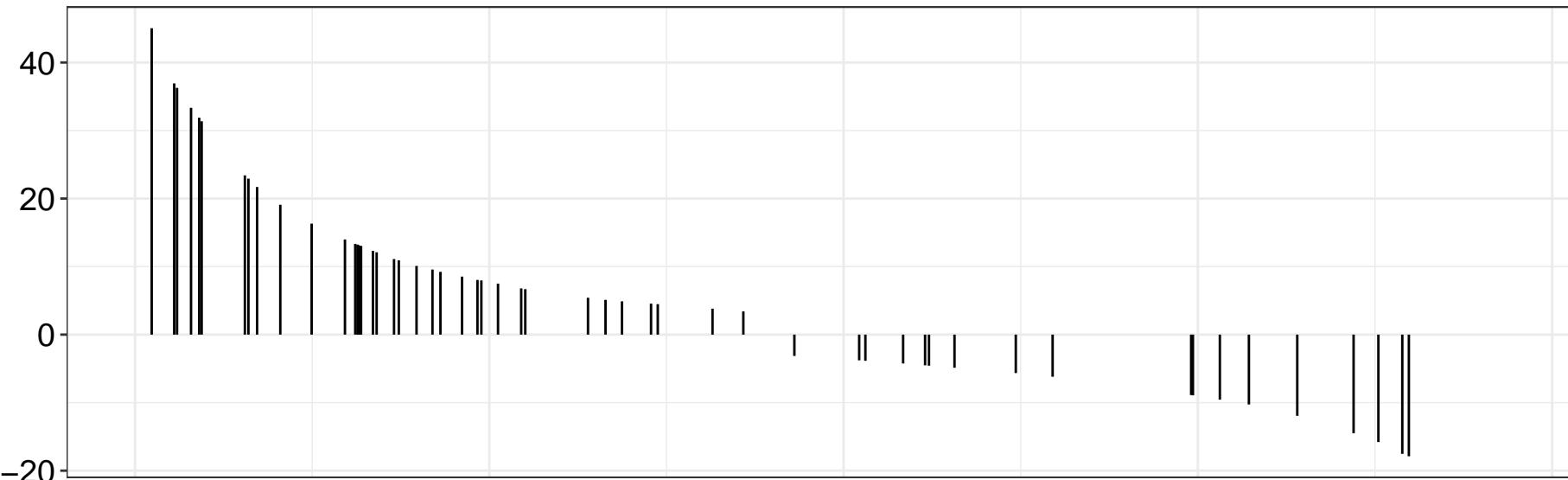


# positive regulation of alpha–beta T cell activation



# viral entry into host cell

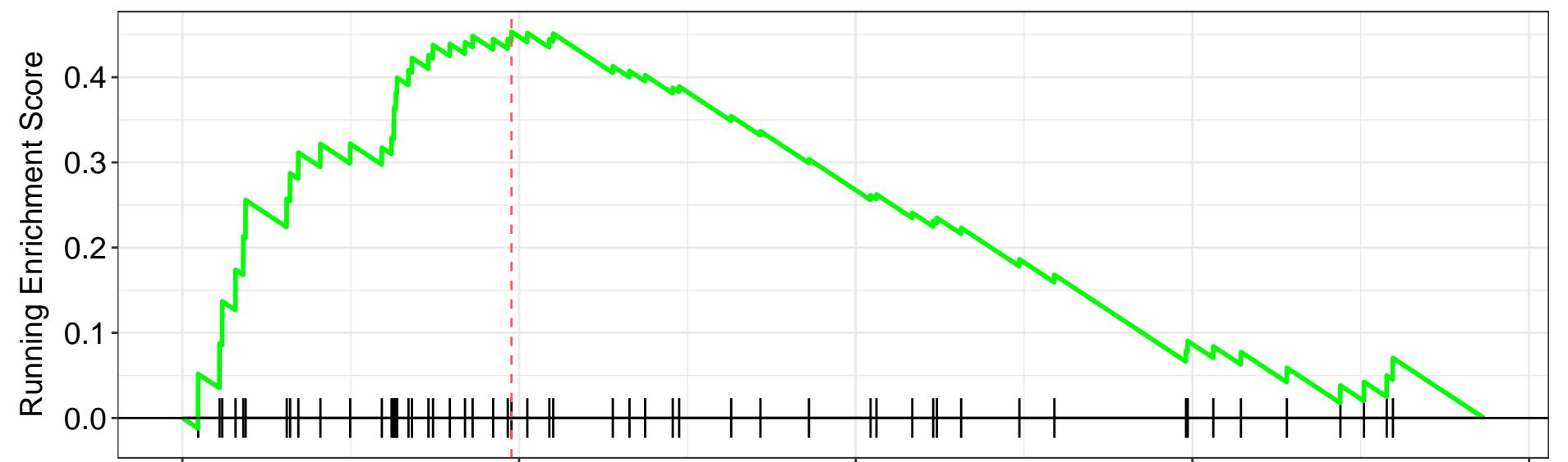
Ranked List Metric



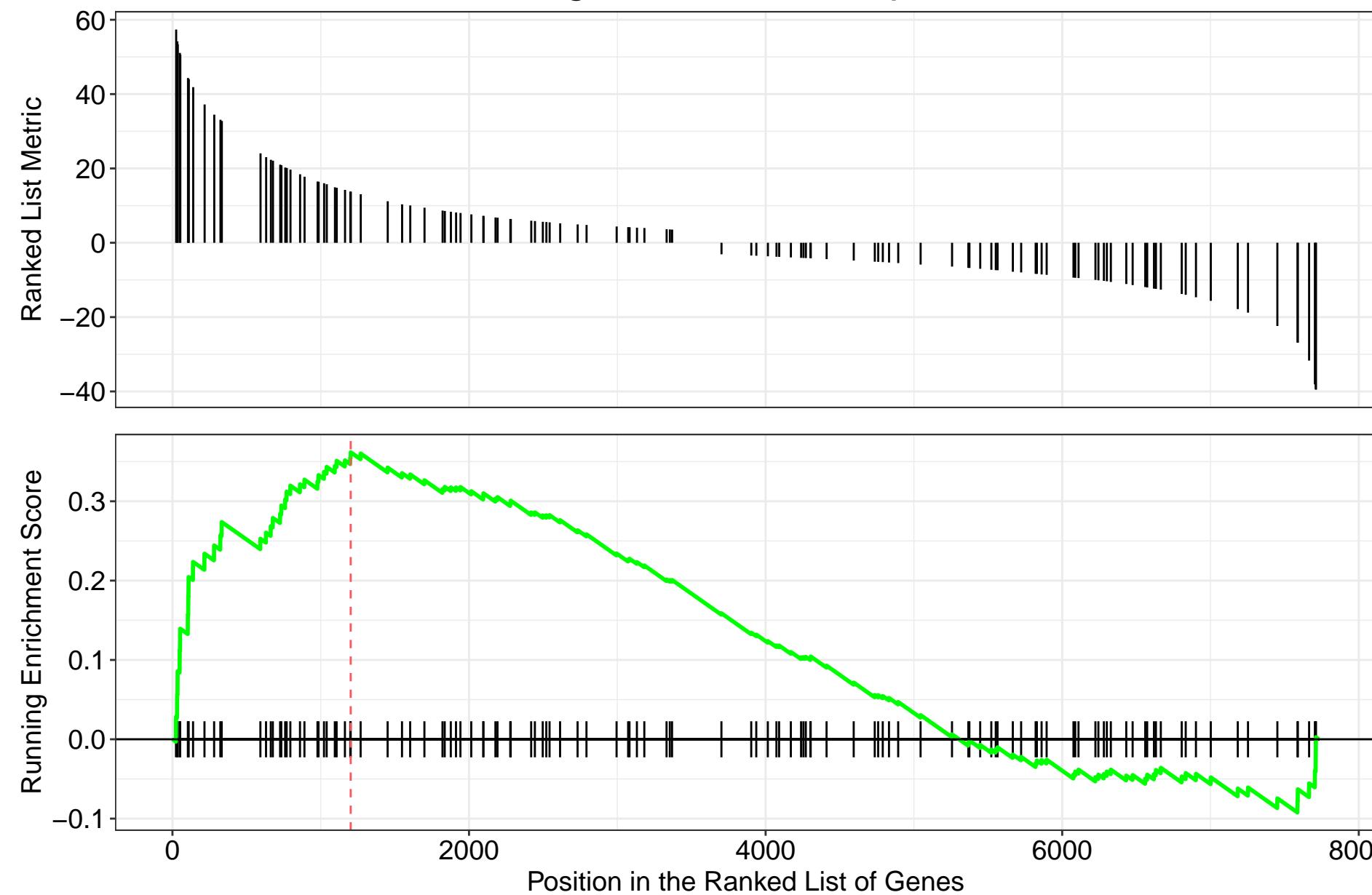
Running Enrichment Score

Position in the Ranked List of Genes

Position in the Ranked List of Genes

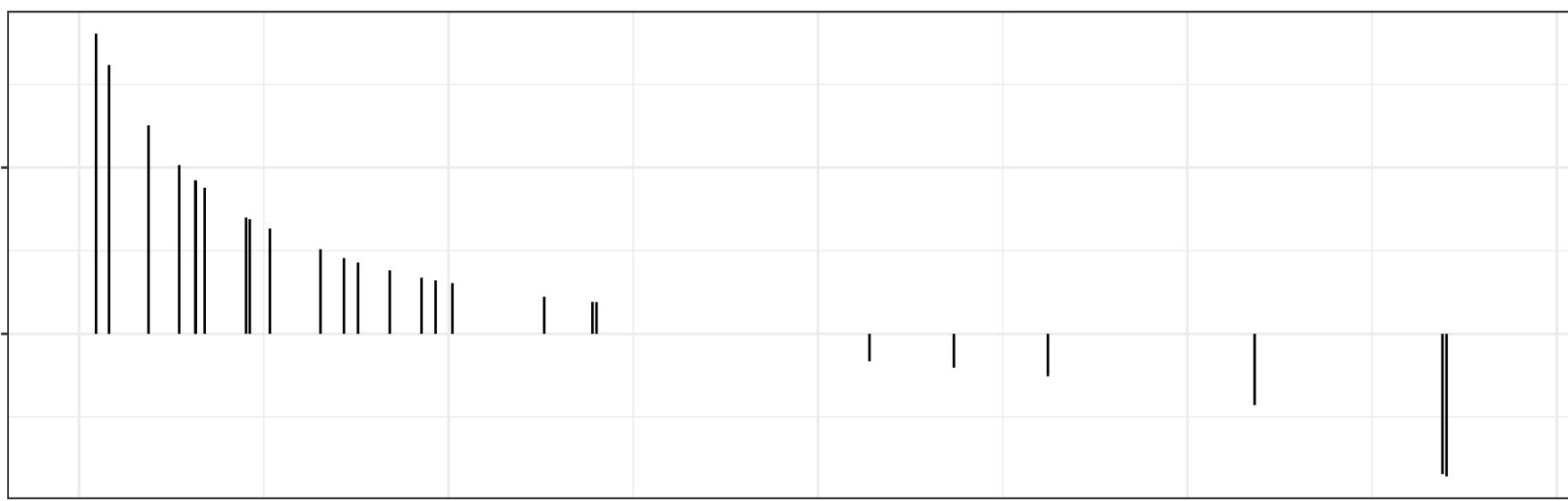


# organic anion transport

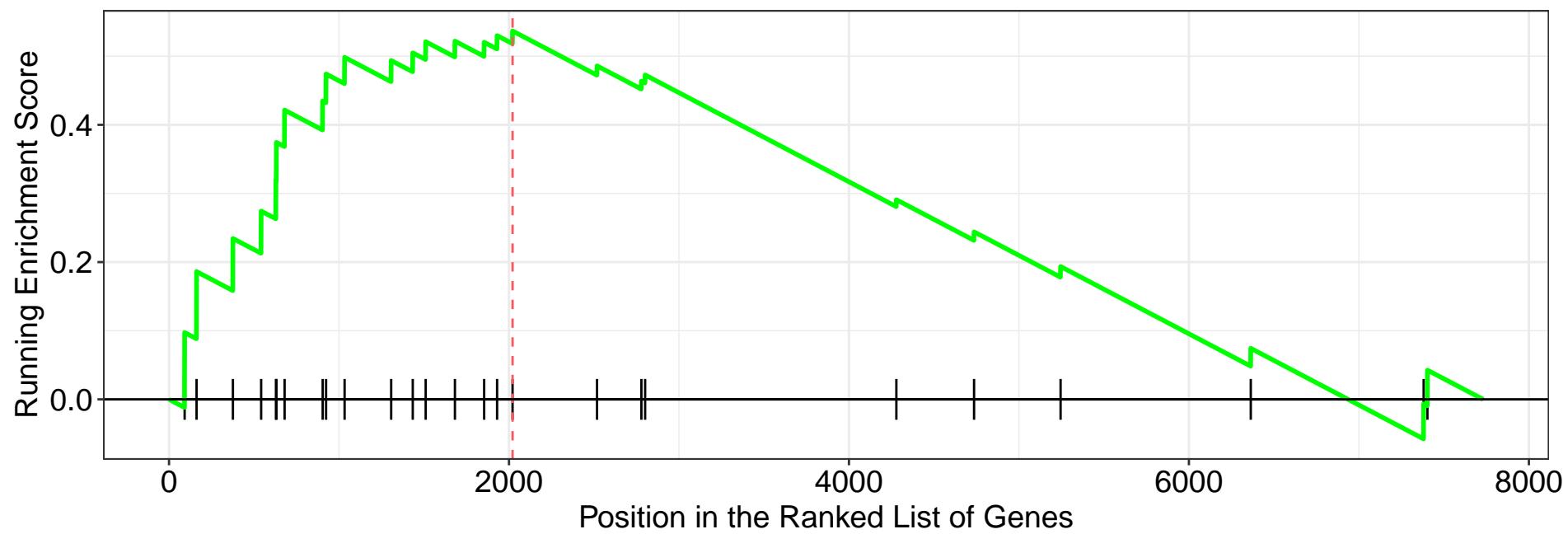


# positive regulation of pattern recognition receptor signaling pathway

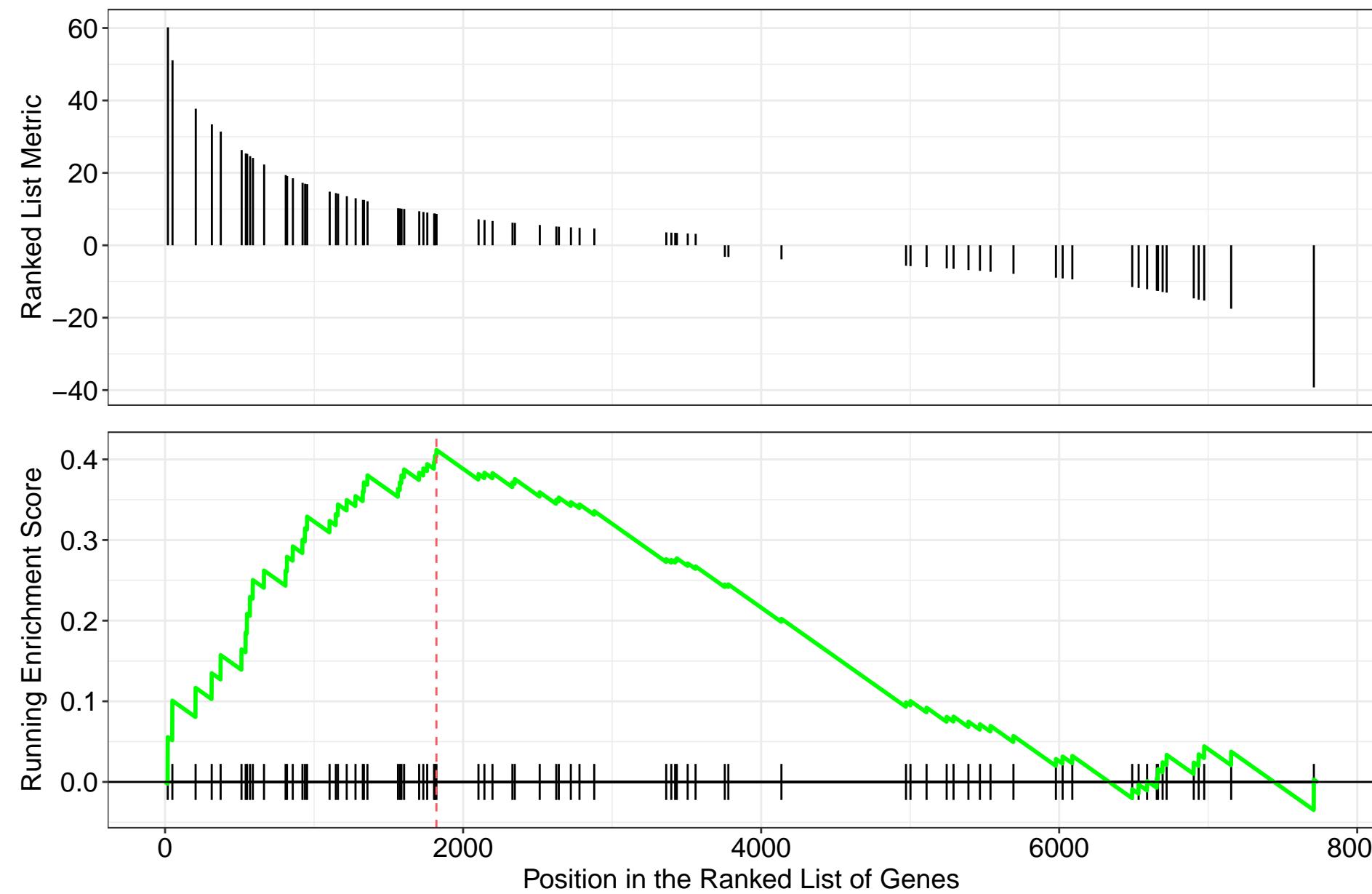
Ranked List Metric



Running Enrichment Score

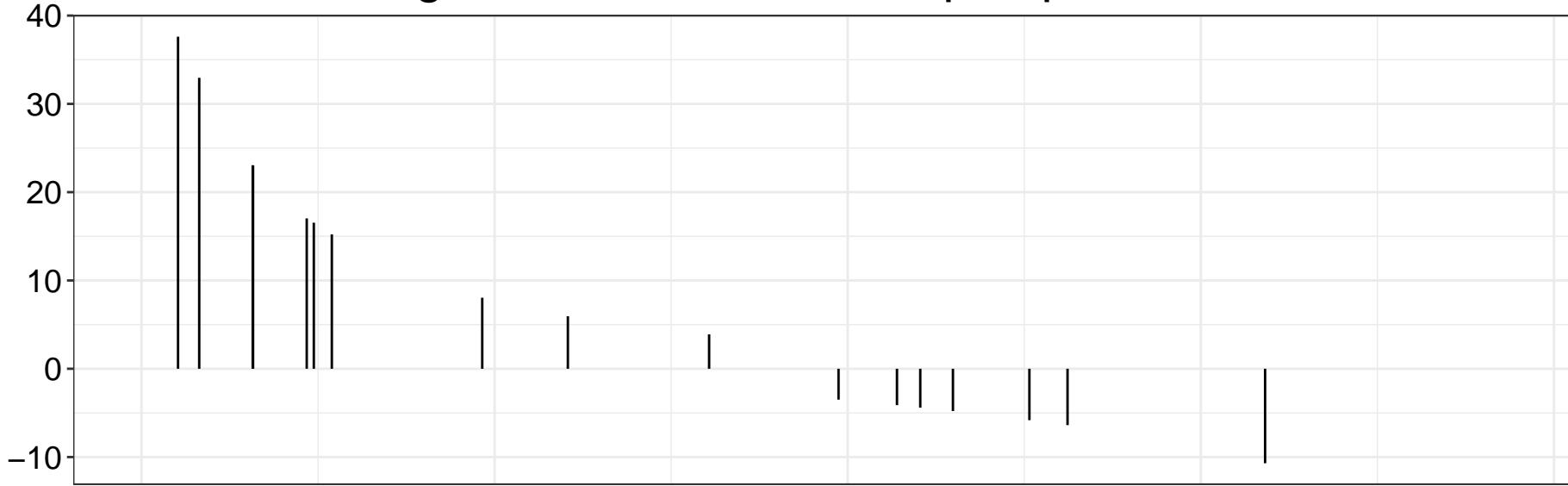


# regulation of endothelial cell migration

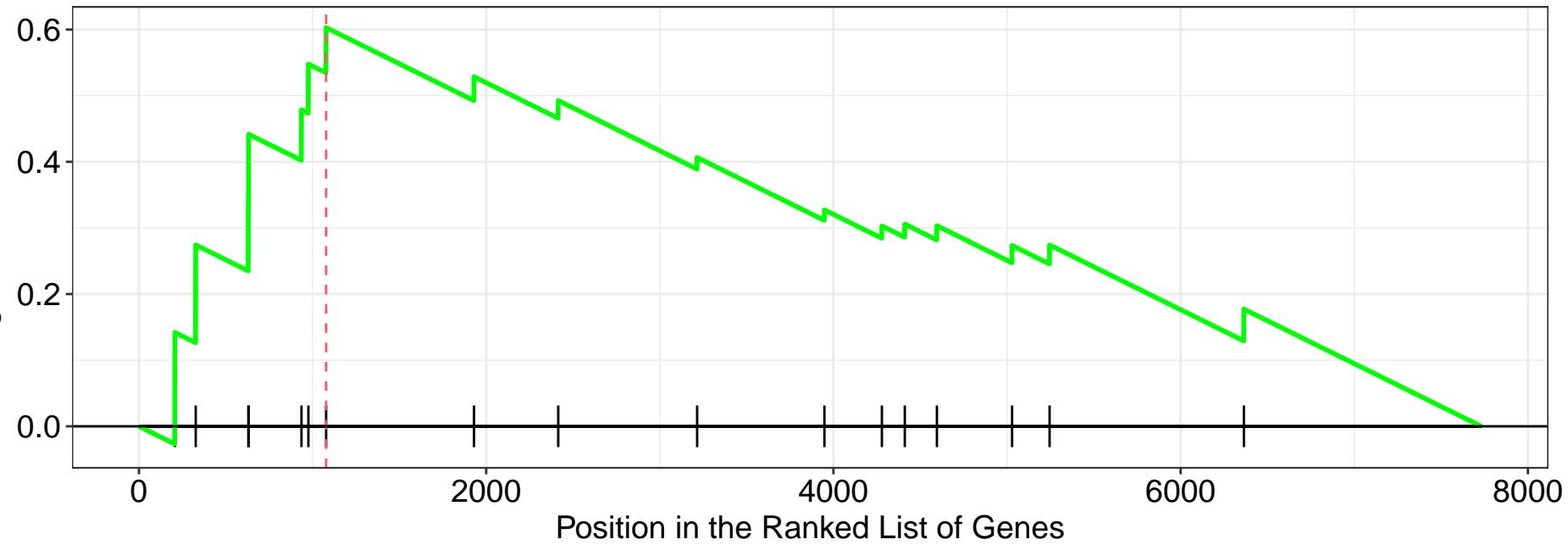


# regulation of interferon-alpha production

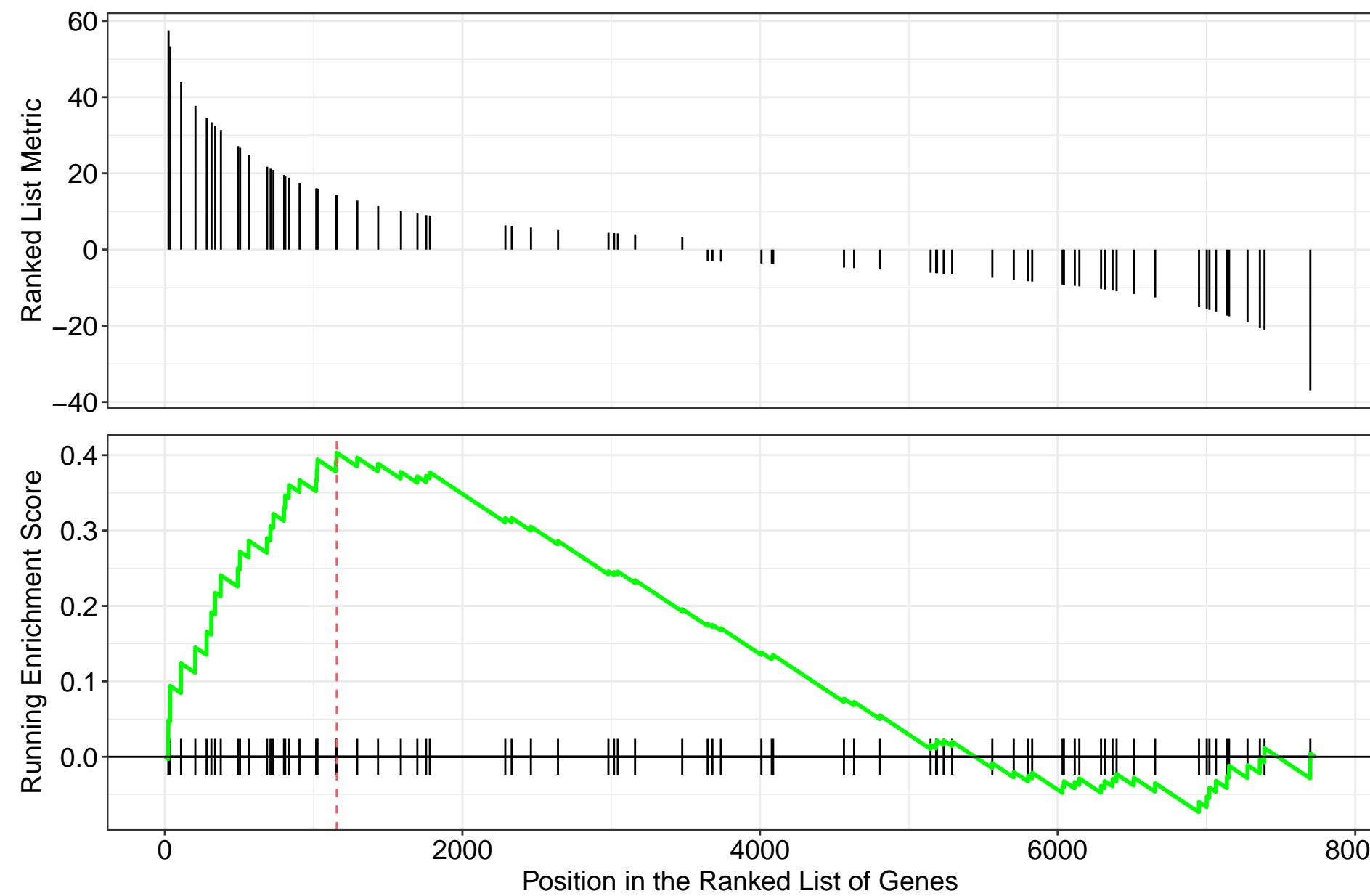
Ranked List Metric



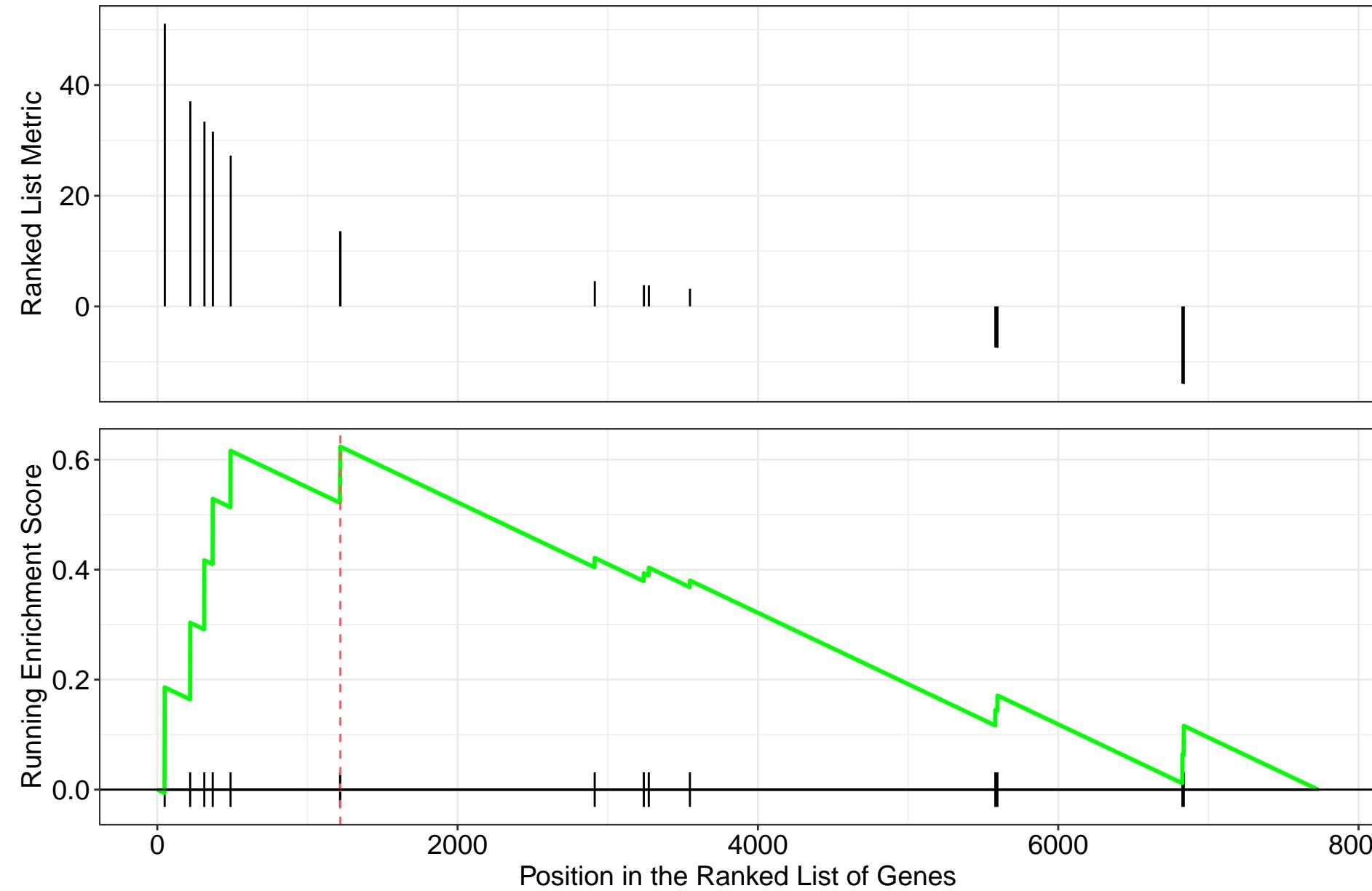
Running Enrichment Score



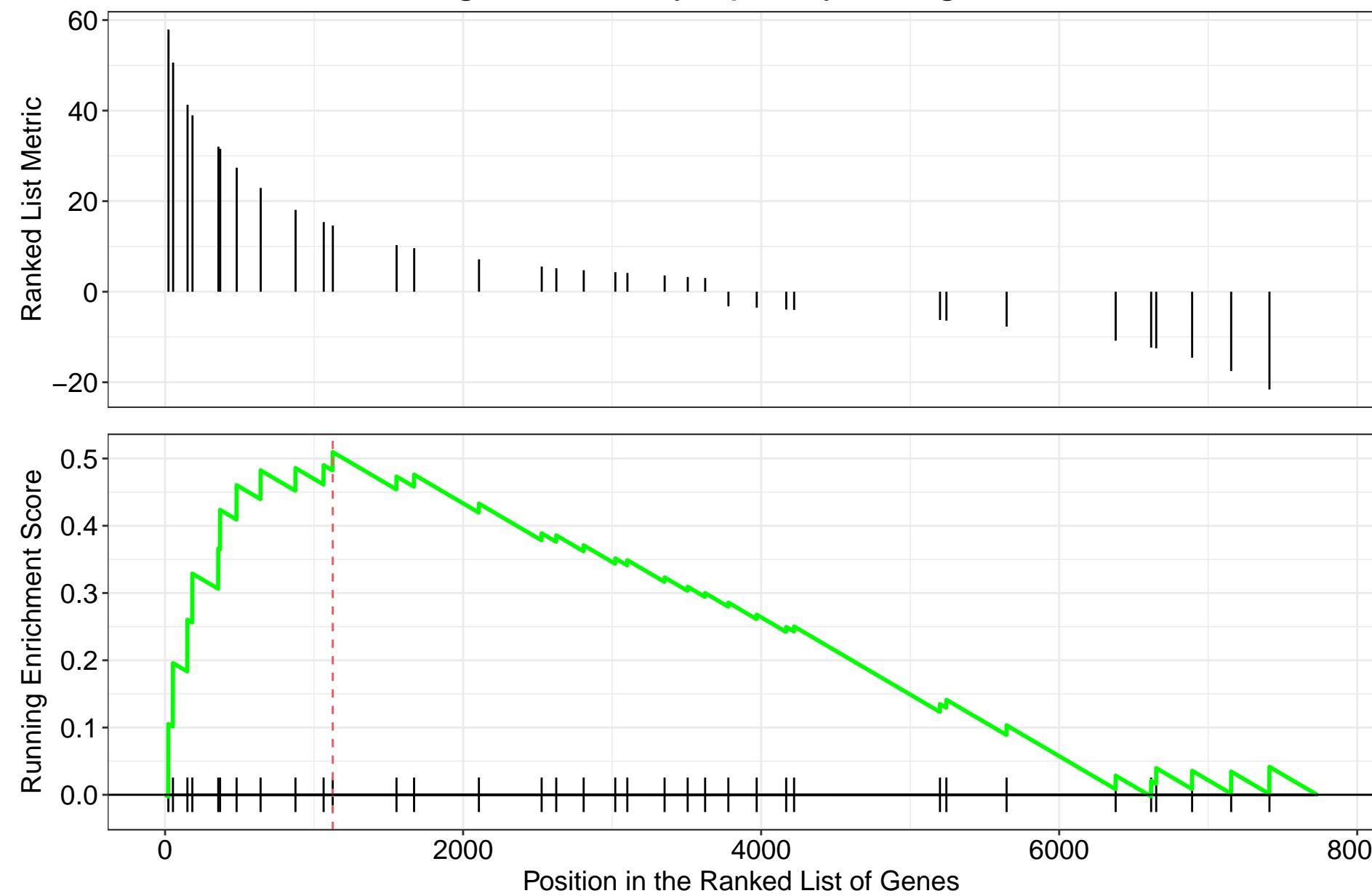
# heart contraction



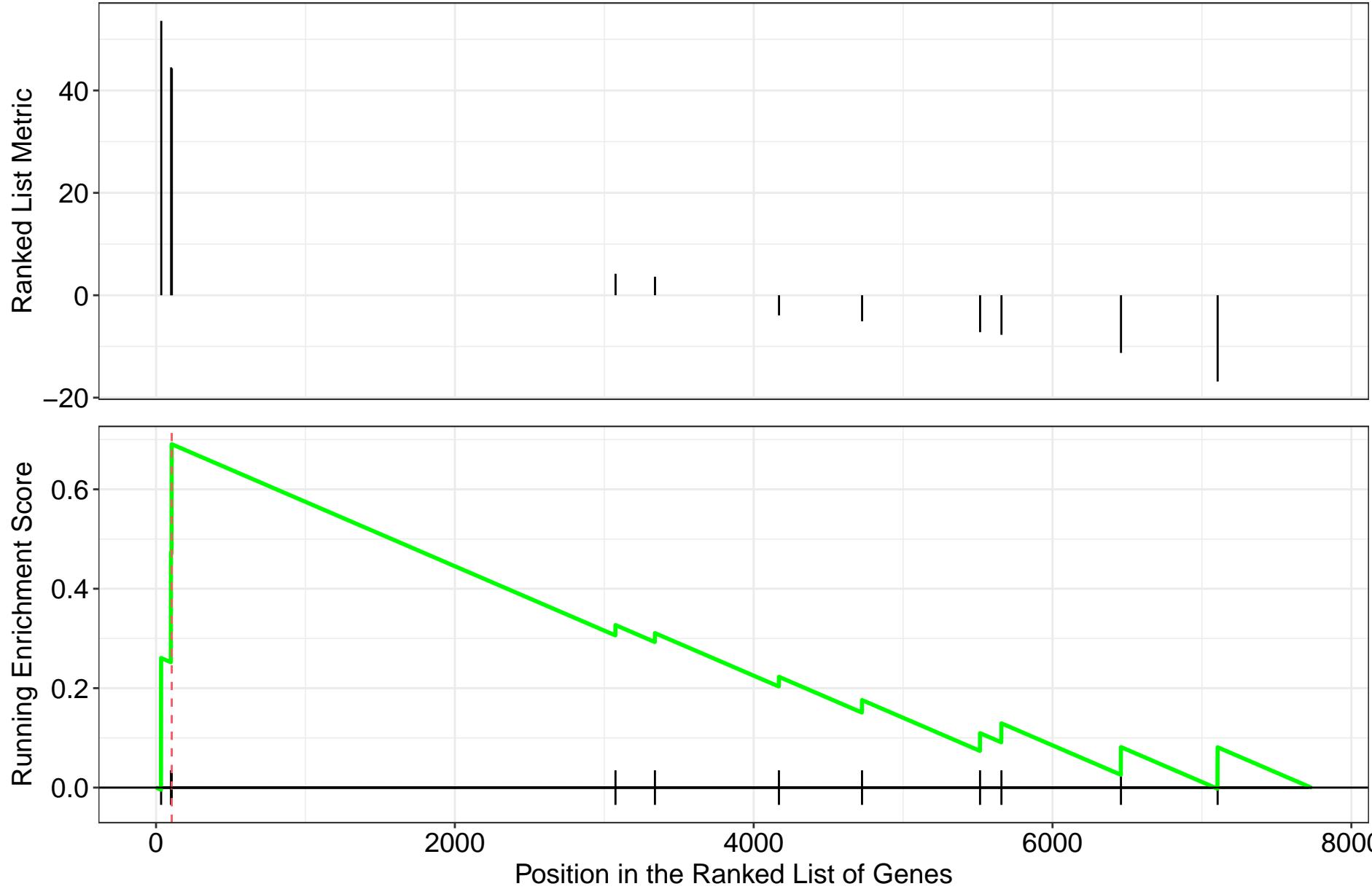
# regulation of transforming growth factor beta production



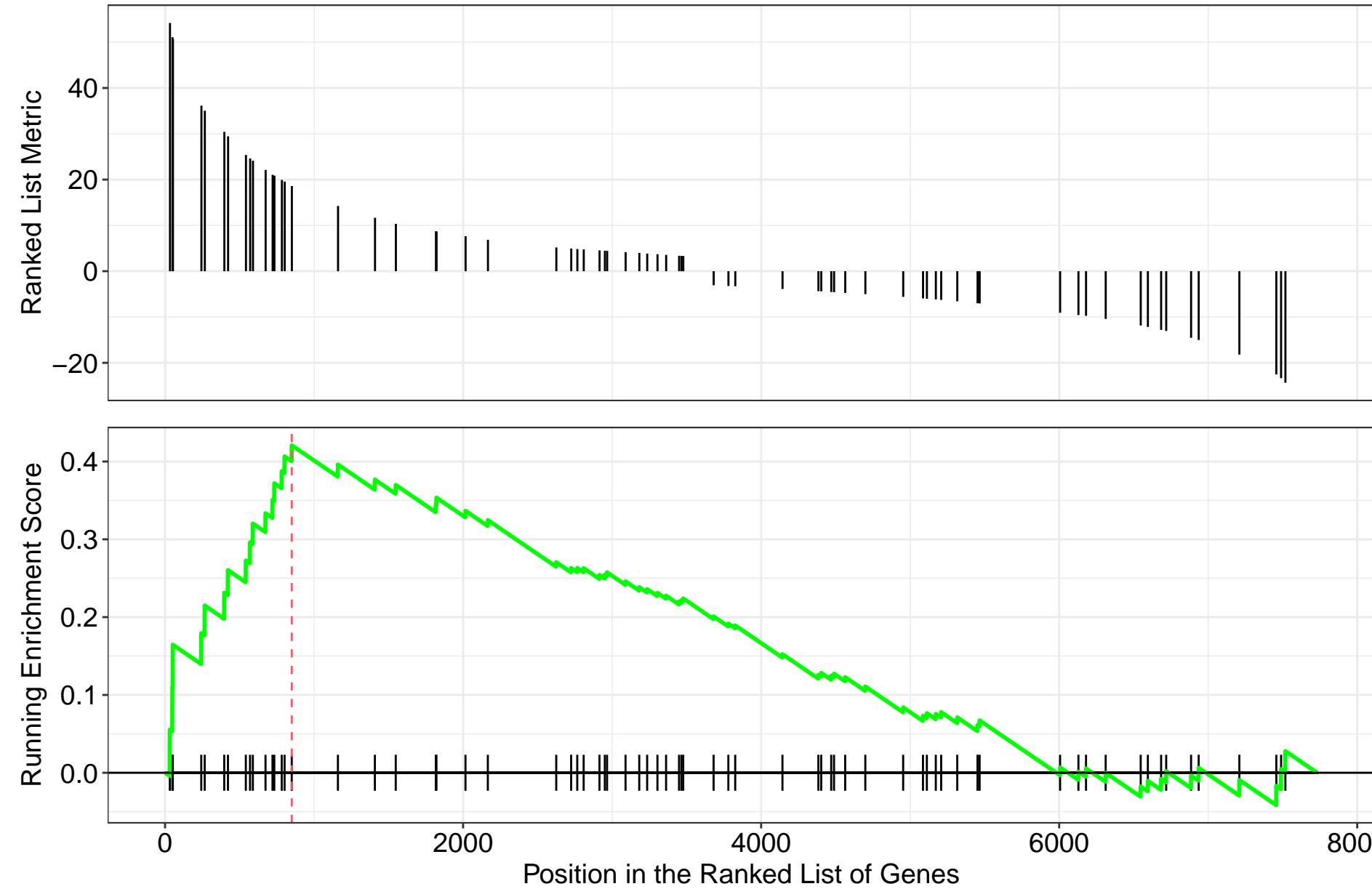
# regulation of lymphocyte migration



# aromatic amino acid family metabolic process

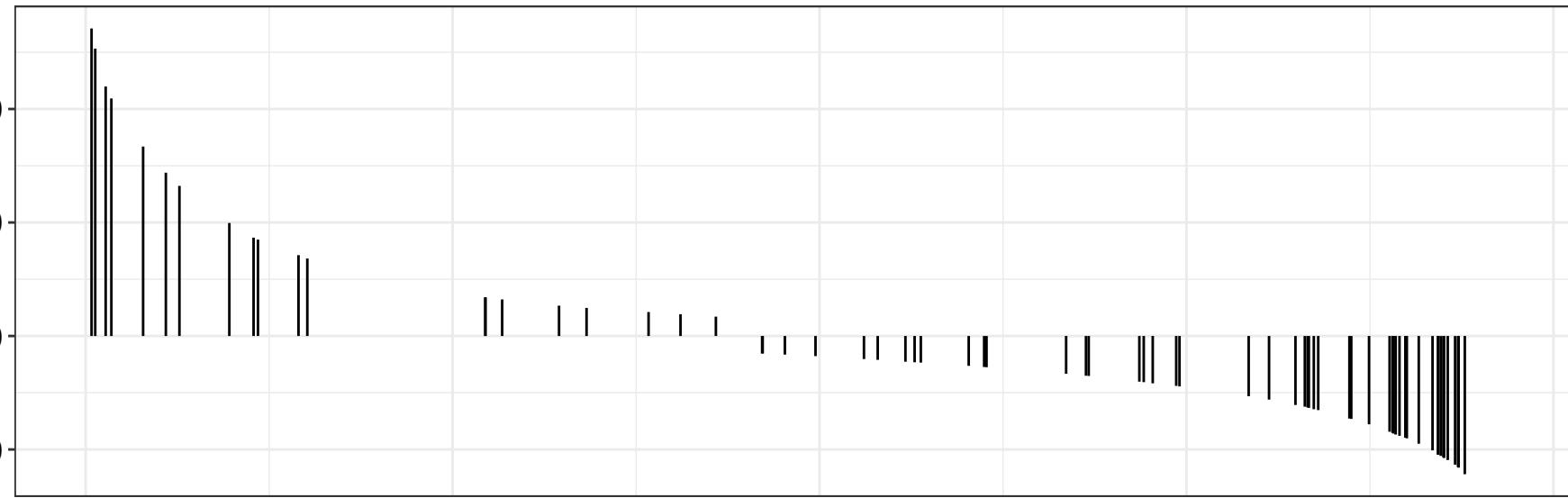


# positive regulation of lipid metabolic process



# regulation of nuclear division

Ranked List Metric

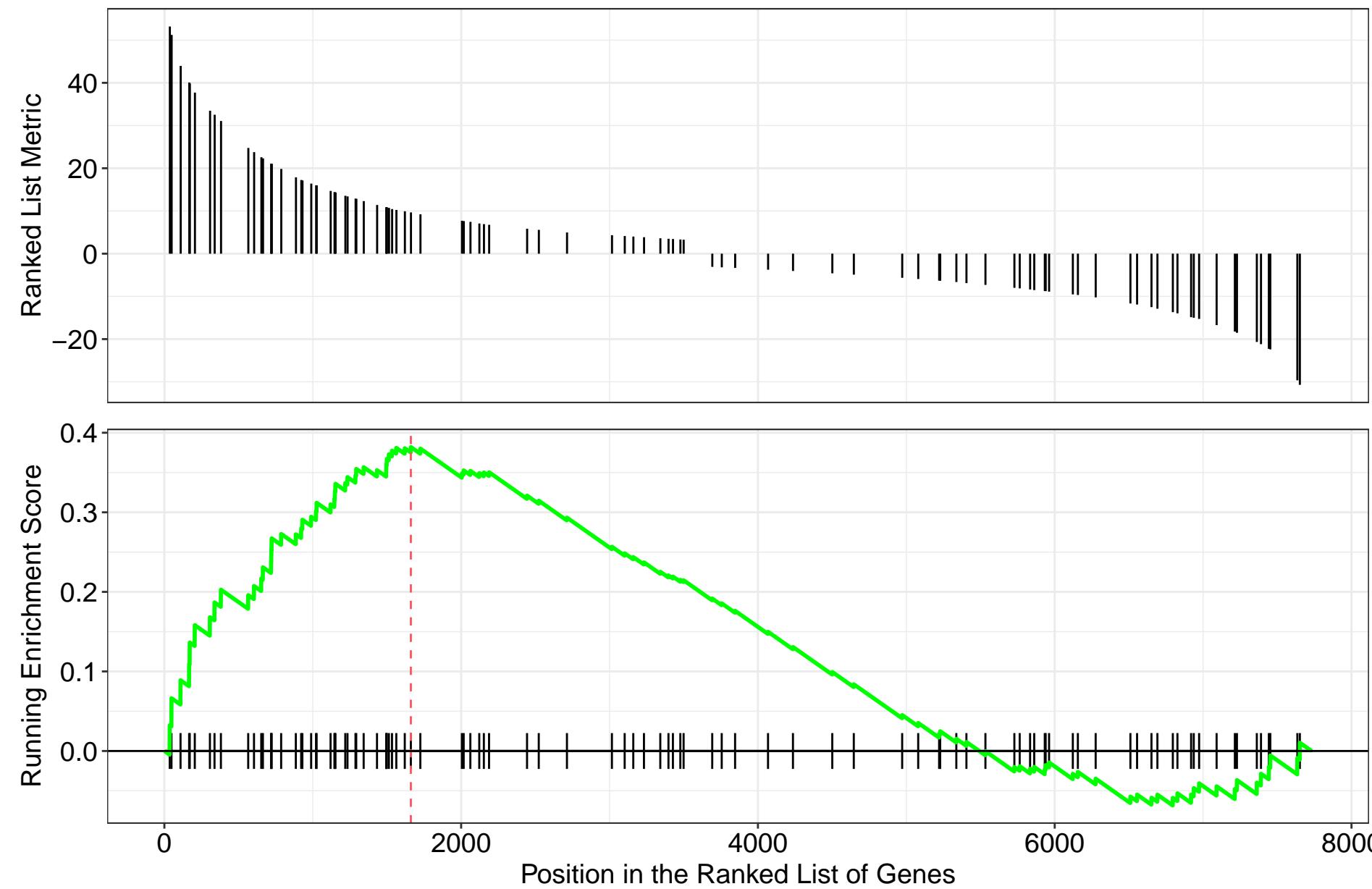


Running Enrichment Score

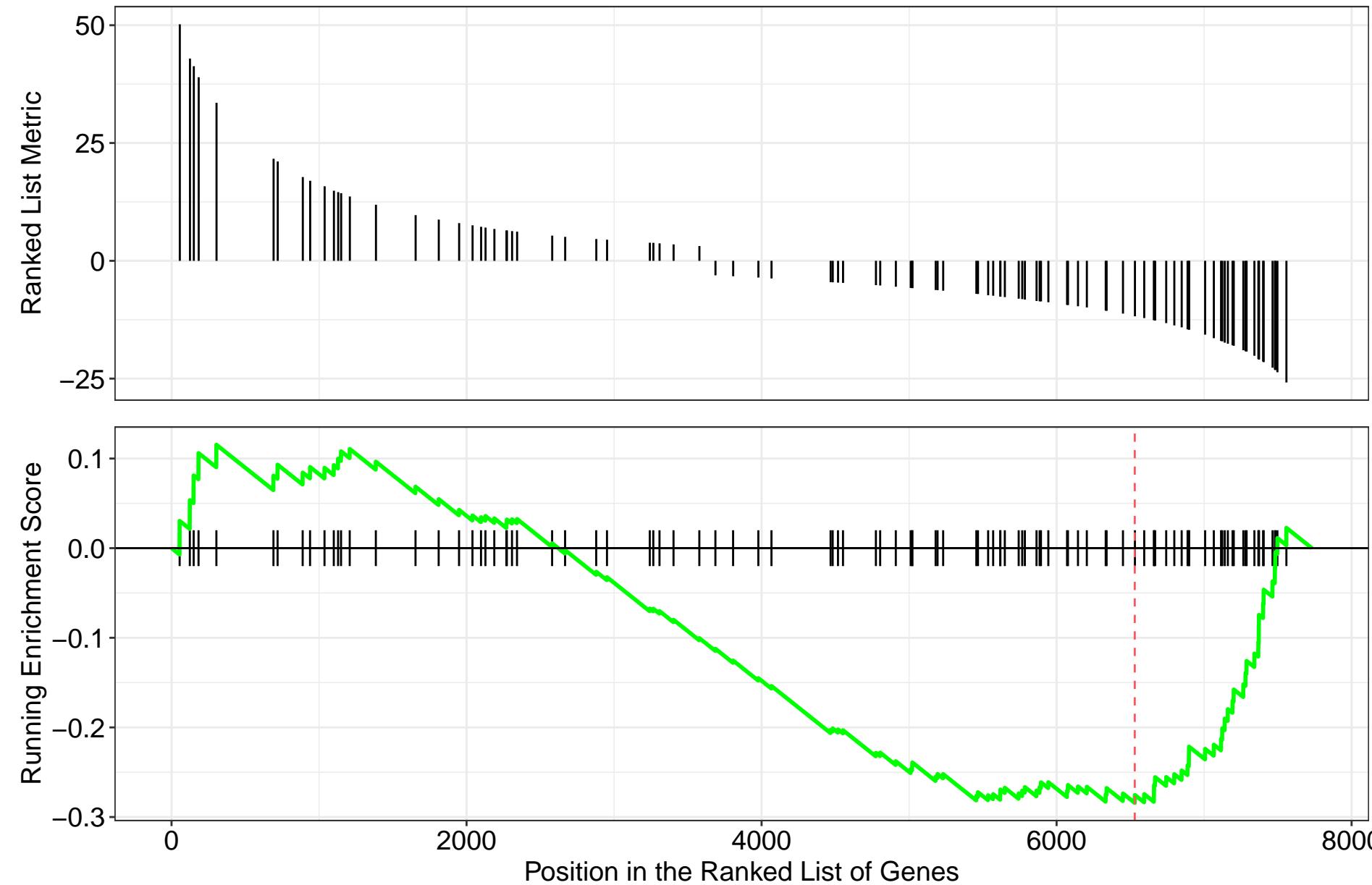
Position in the Ranked List of Genes



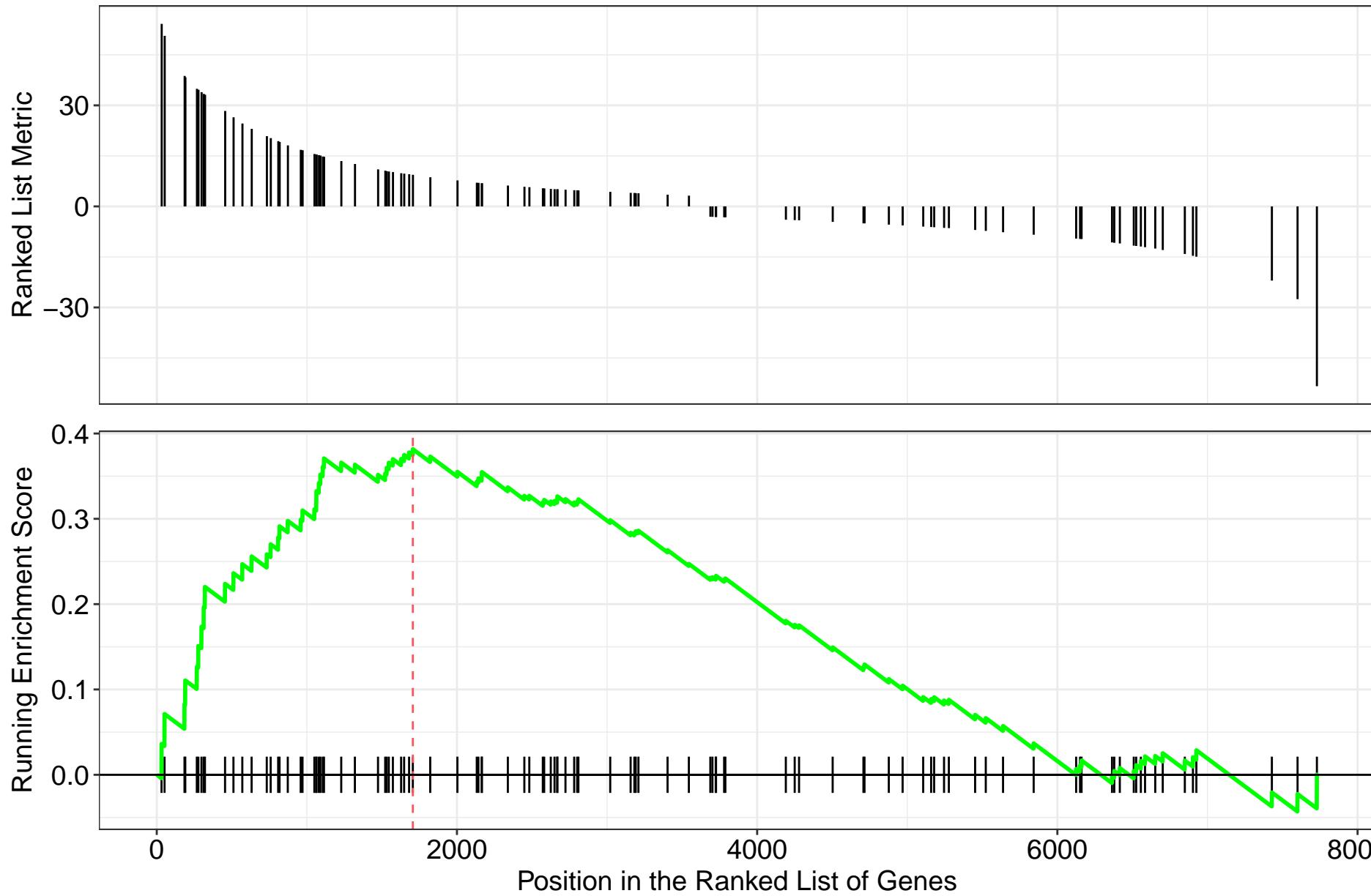
# heart morphogenesis



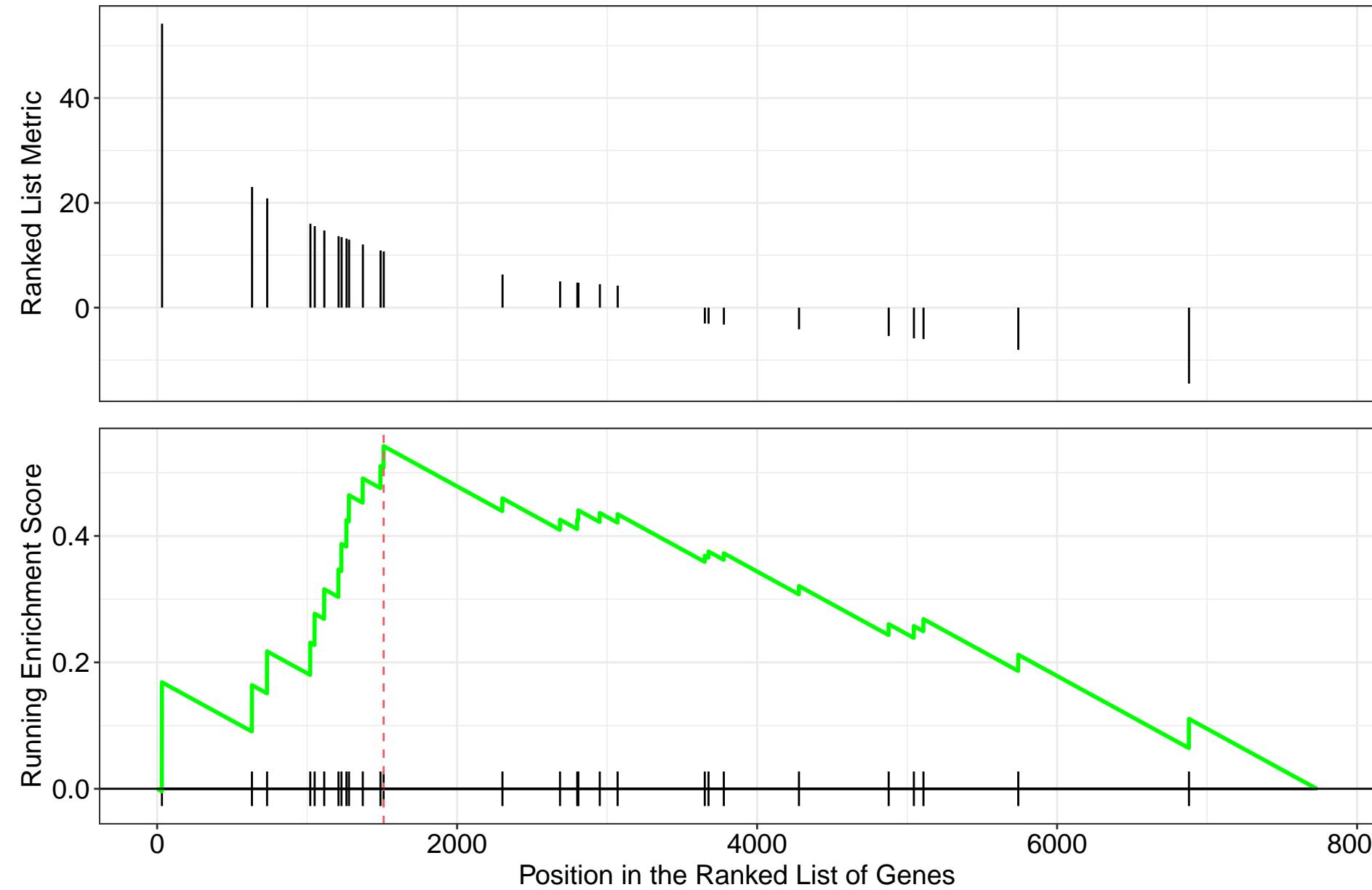
# negative regulation of mitotic cell cycle phase transition



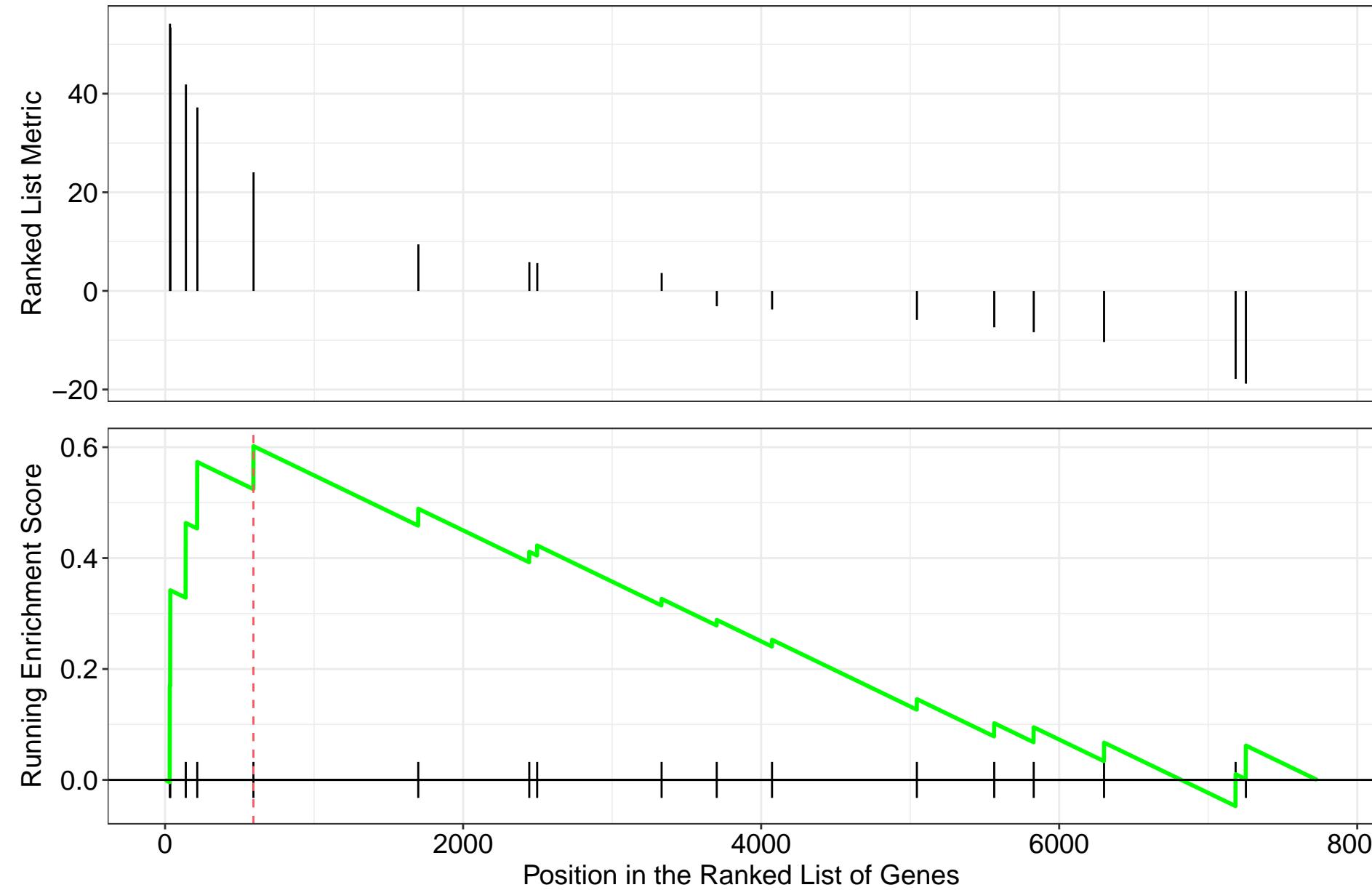
# regulation of stress-activated protein kinase signaling cascade



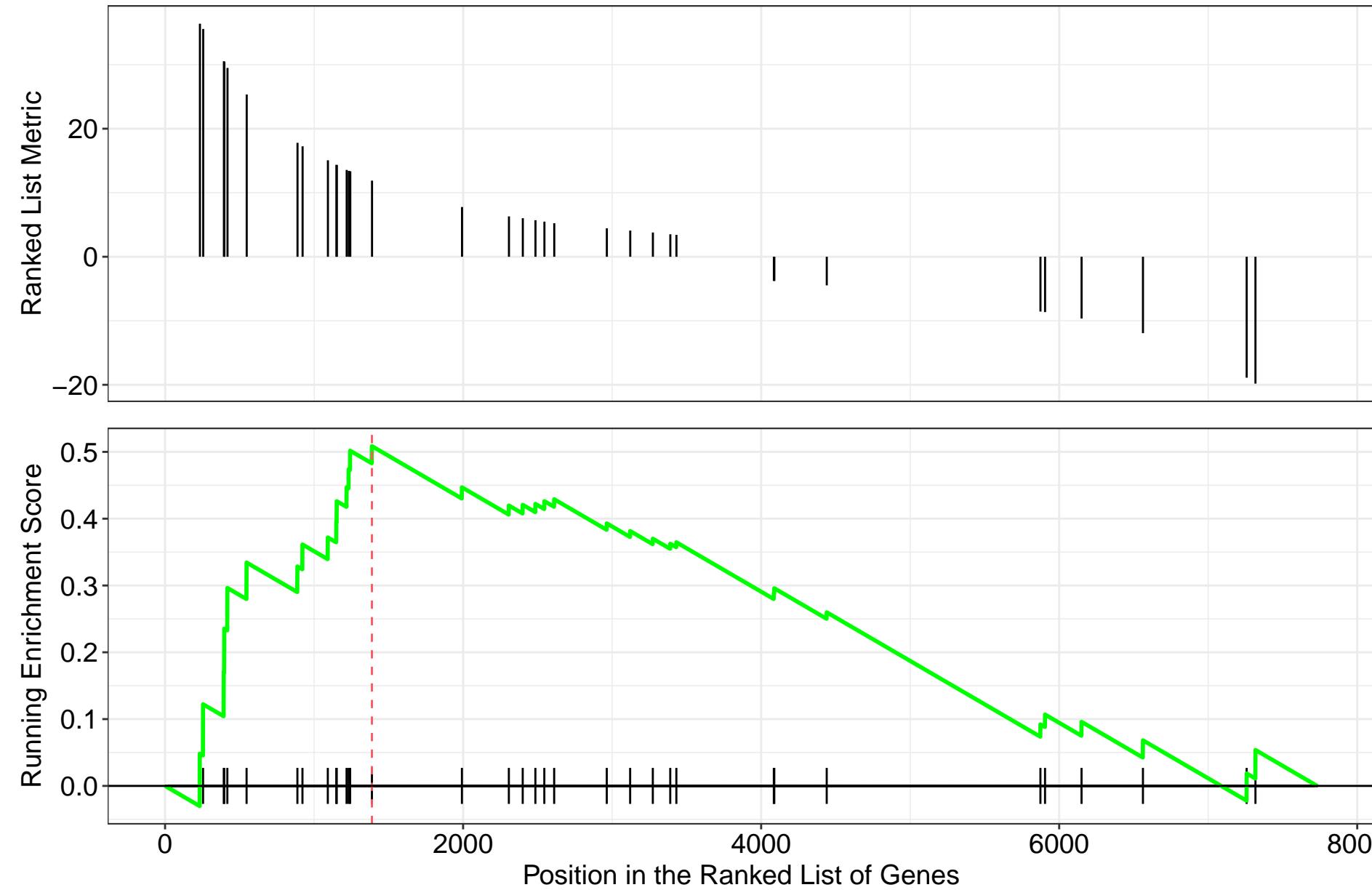
# macrophage cytokine production



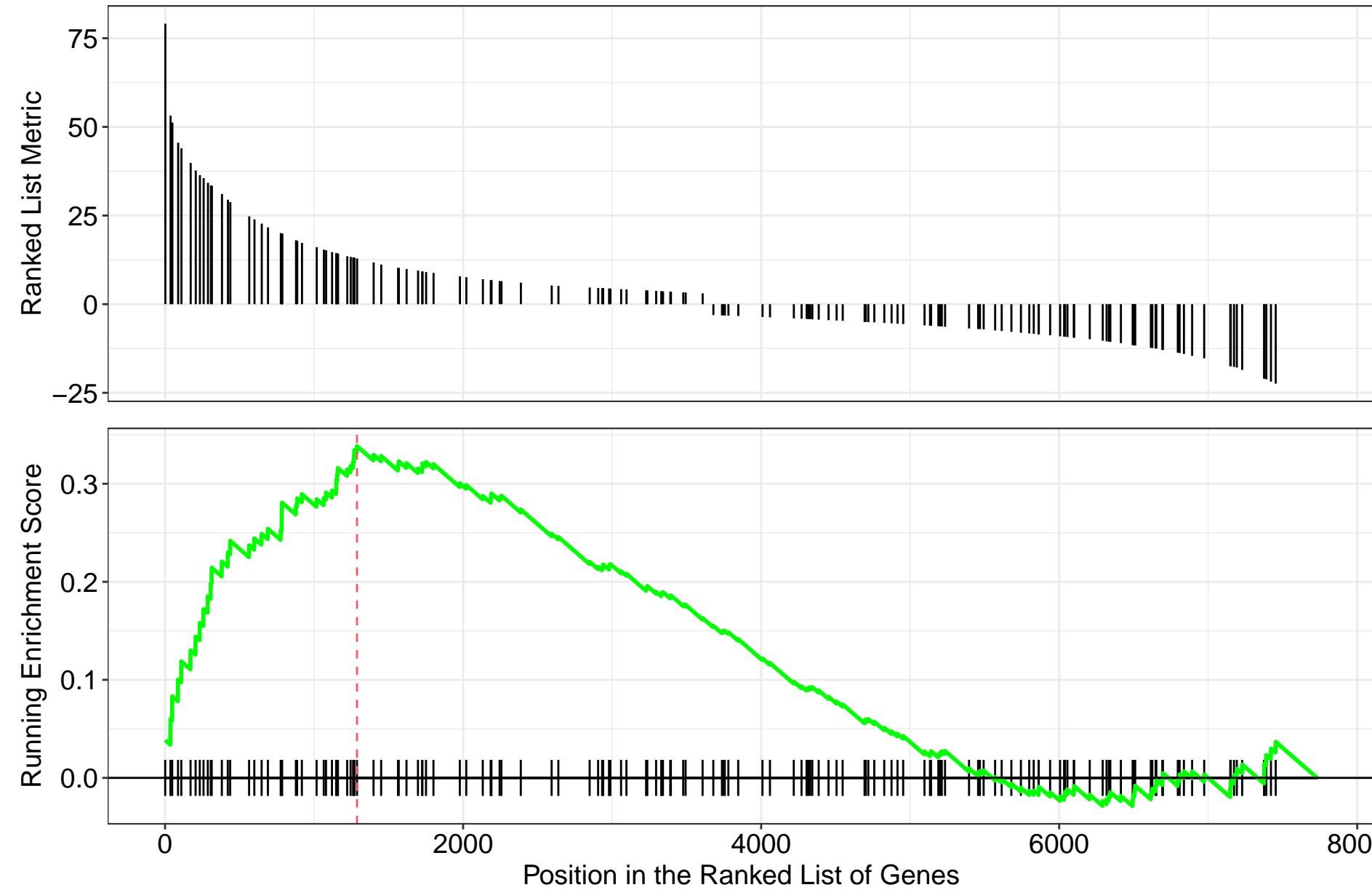
# regulation of amino acid transport



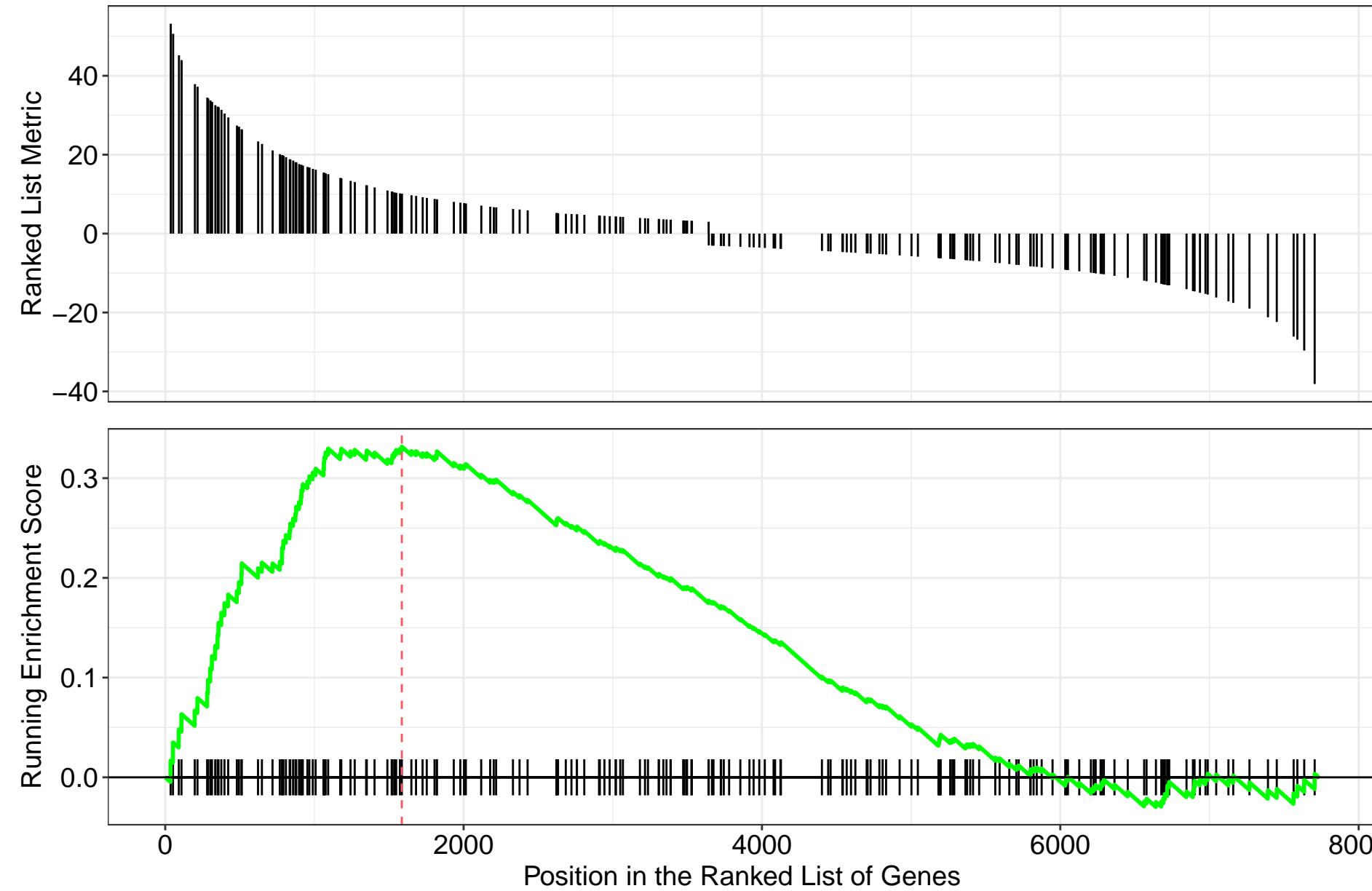
# regulation of protein processing



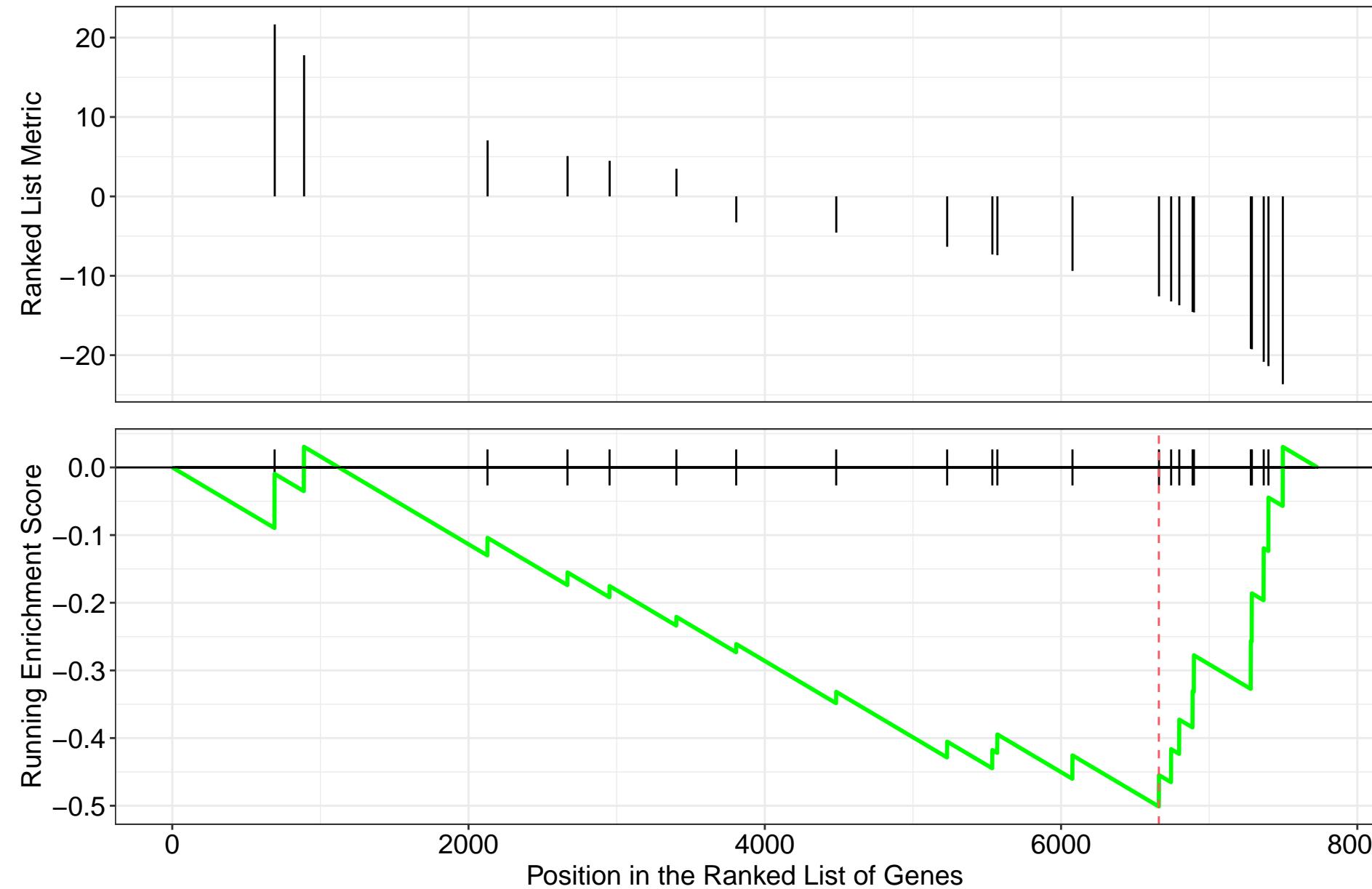
# muscle cell differentiation



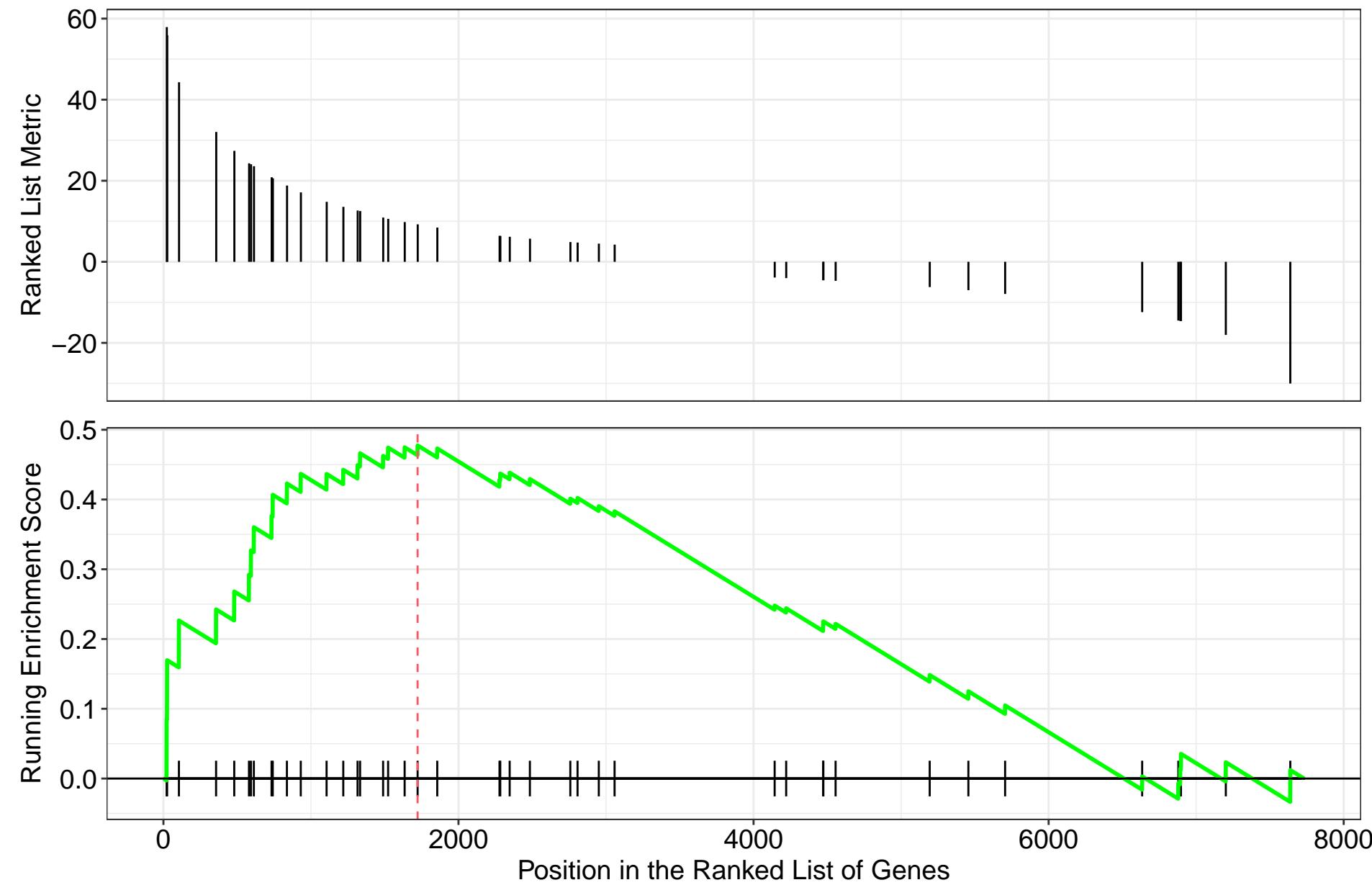
# response to inorganic substance



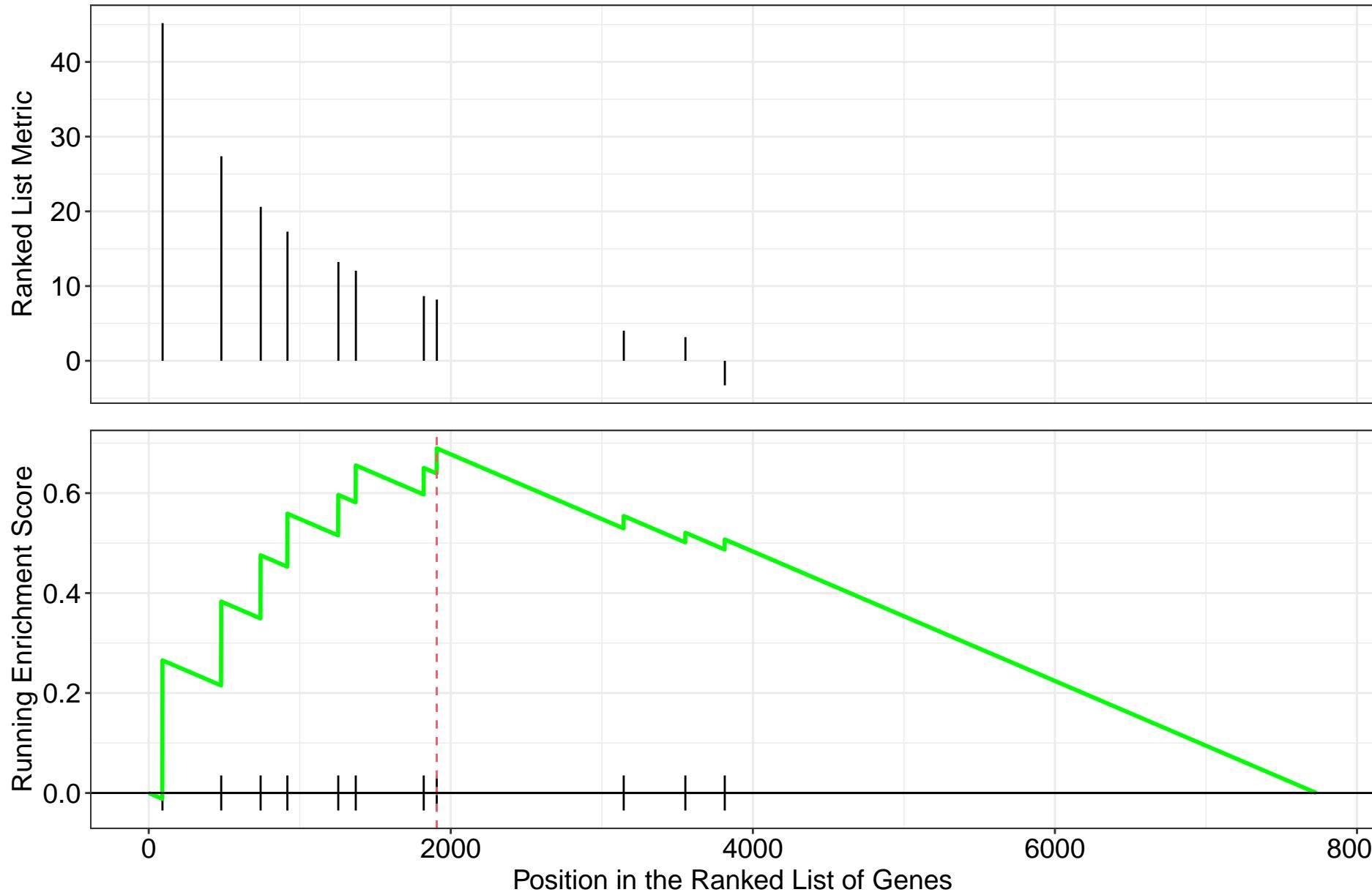
# mitotic G2 DNA damage checkpoint signaling



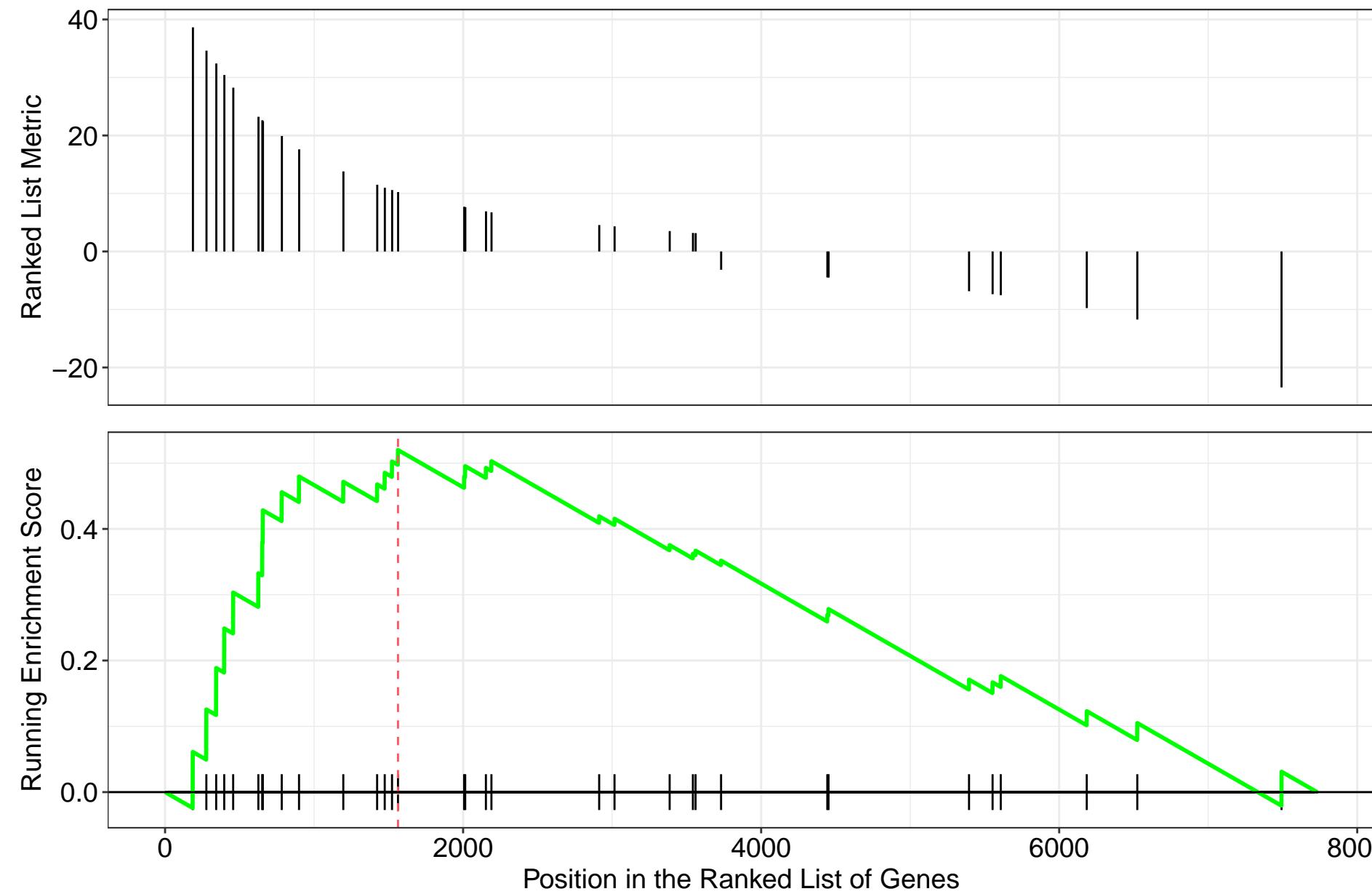
# negative regulation of leukocyte apoptotic process



# regulation of T-helper 2 cell differentiation

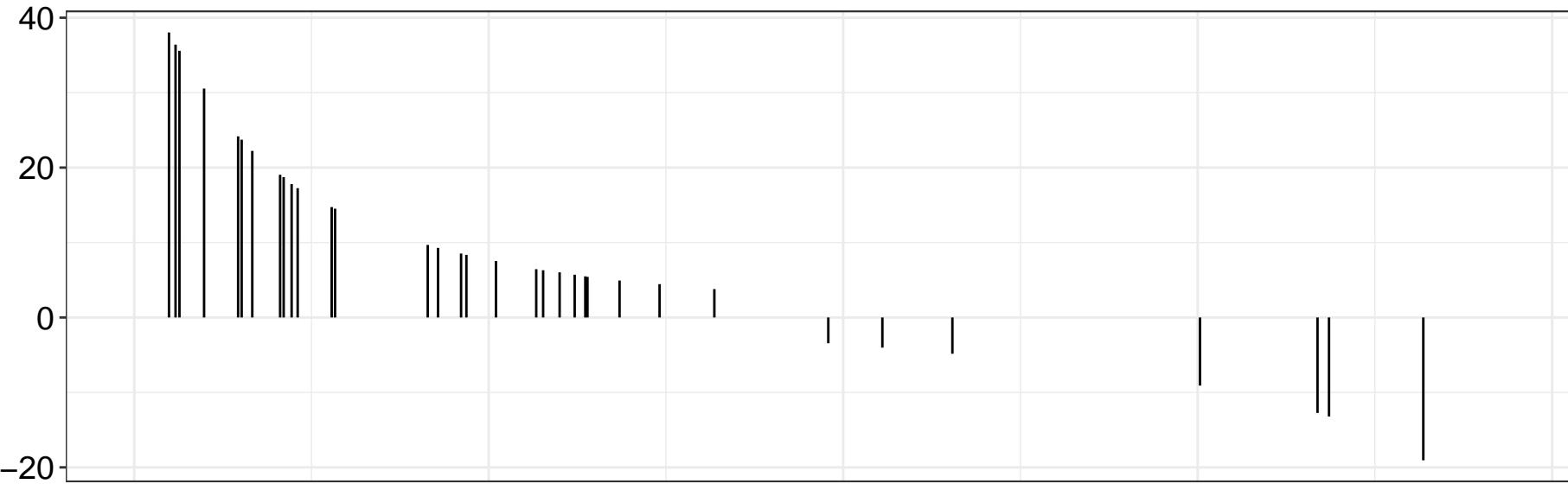


# positive regulation of small GTPase mediated signal transduction



# zymogen activation

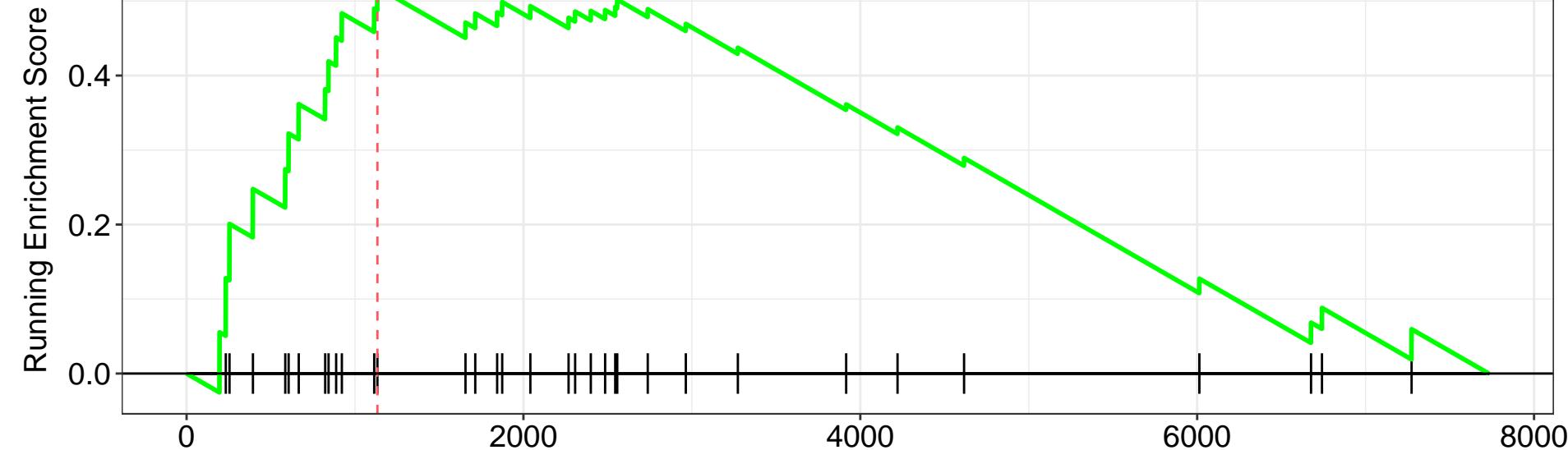
Ranked List Metric



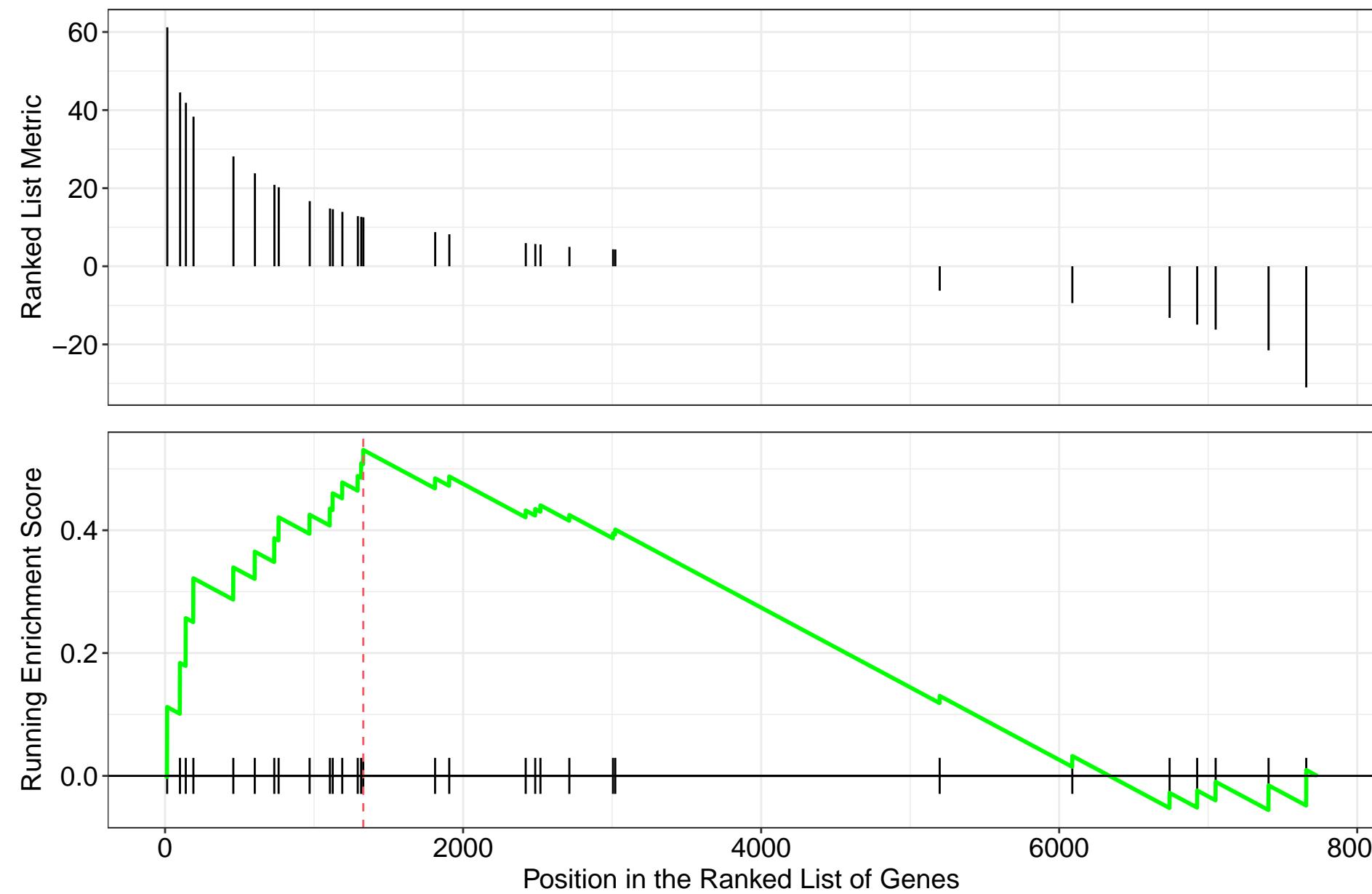
Running Enrichment Score

Position in the Ranked List of Genes

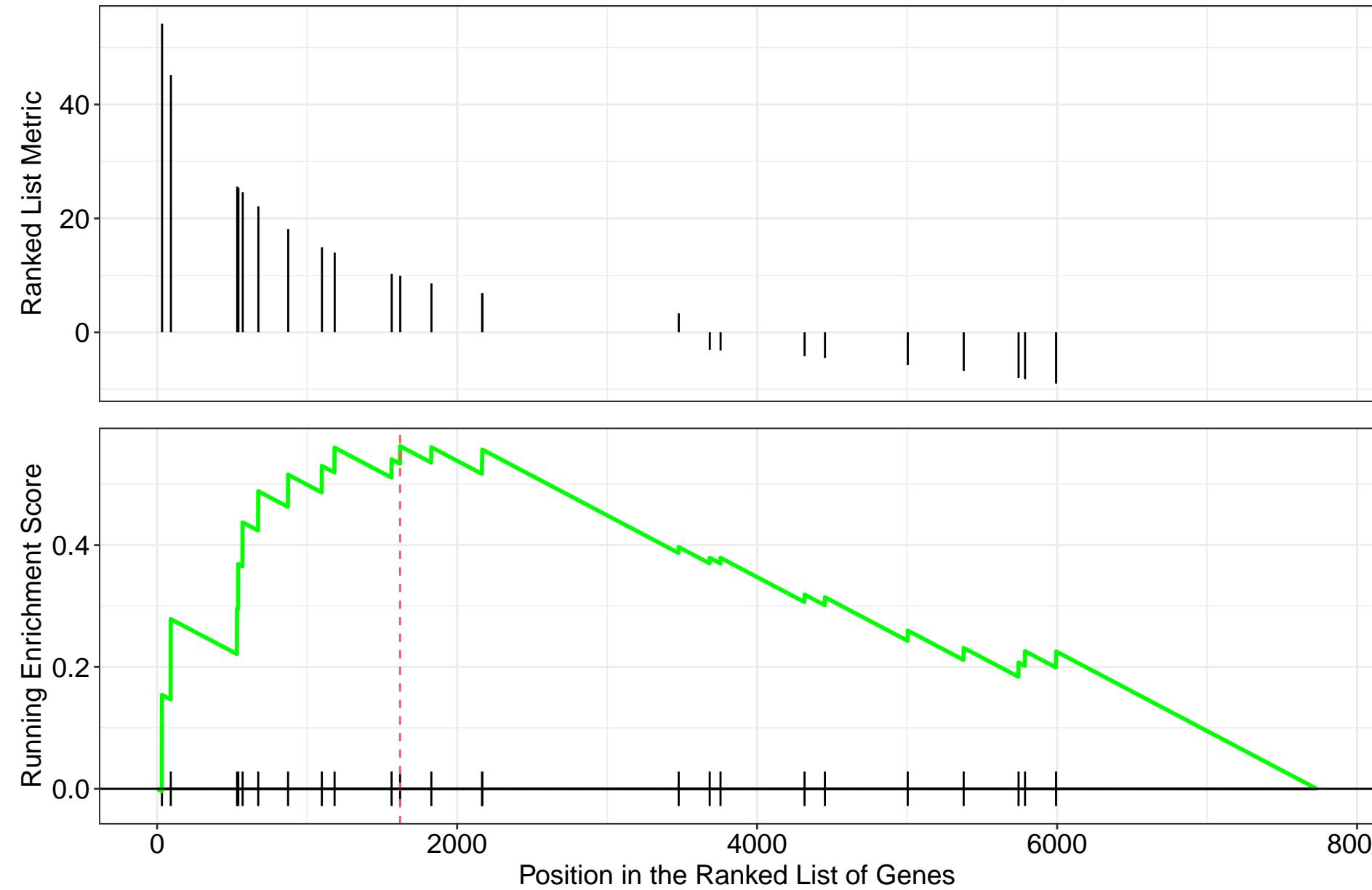
Position in the Ranked List of Genes



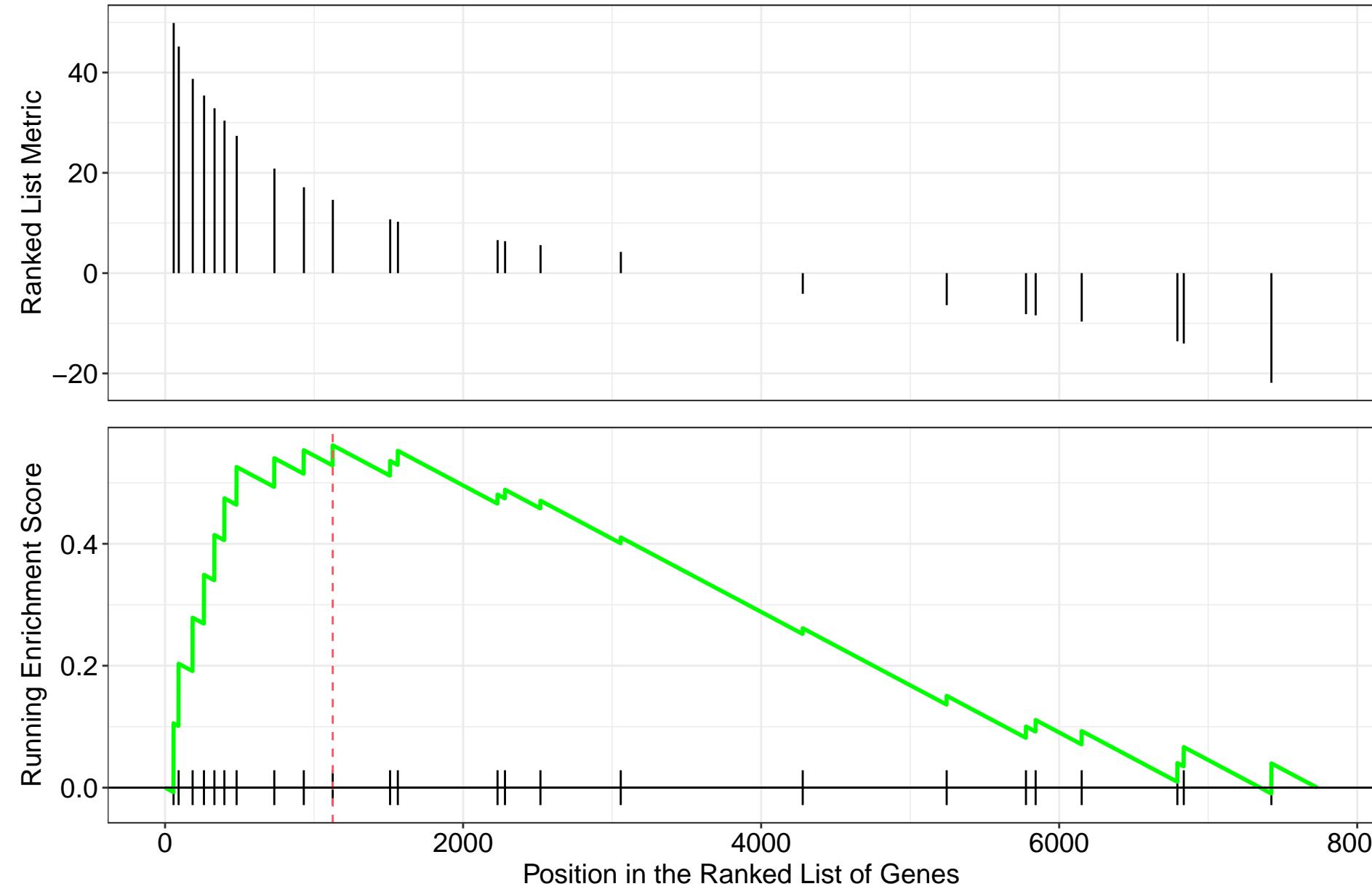
# negative regulation of lymphocyte mediated immunity



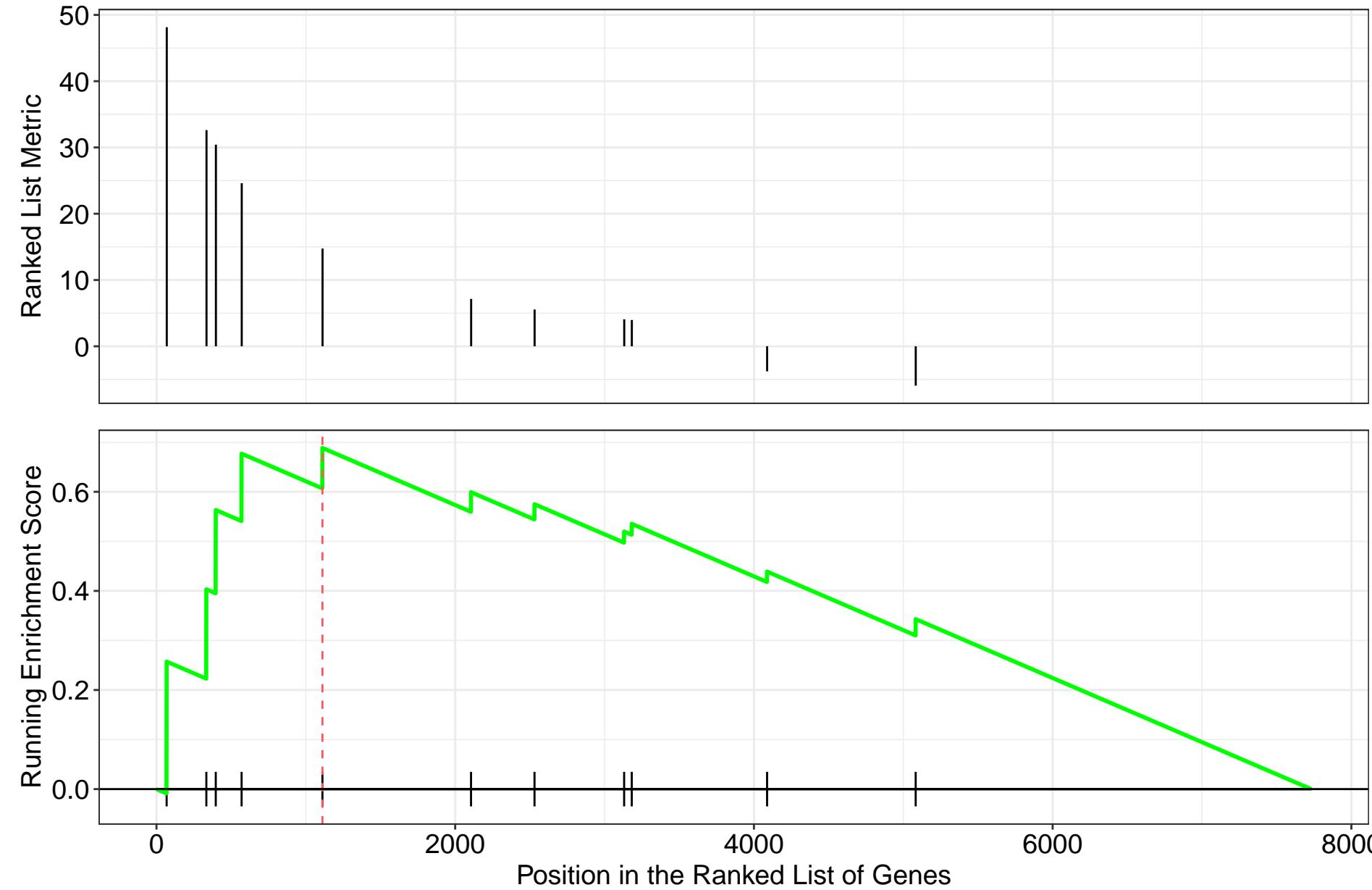
# regulation of glial cell proliferation



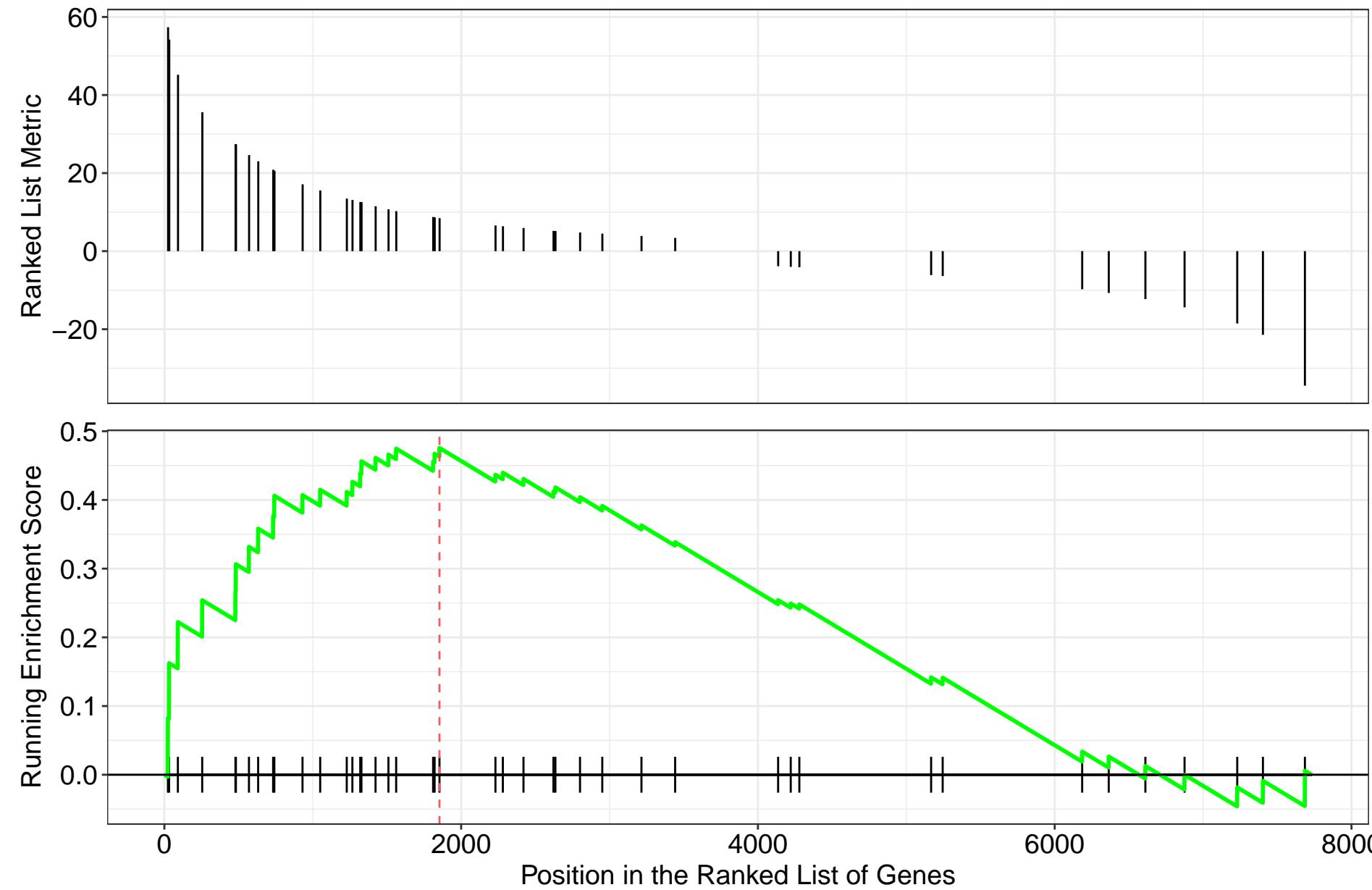
# positive regulation of interleukin-10 production



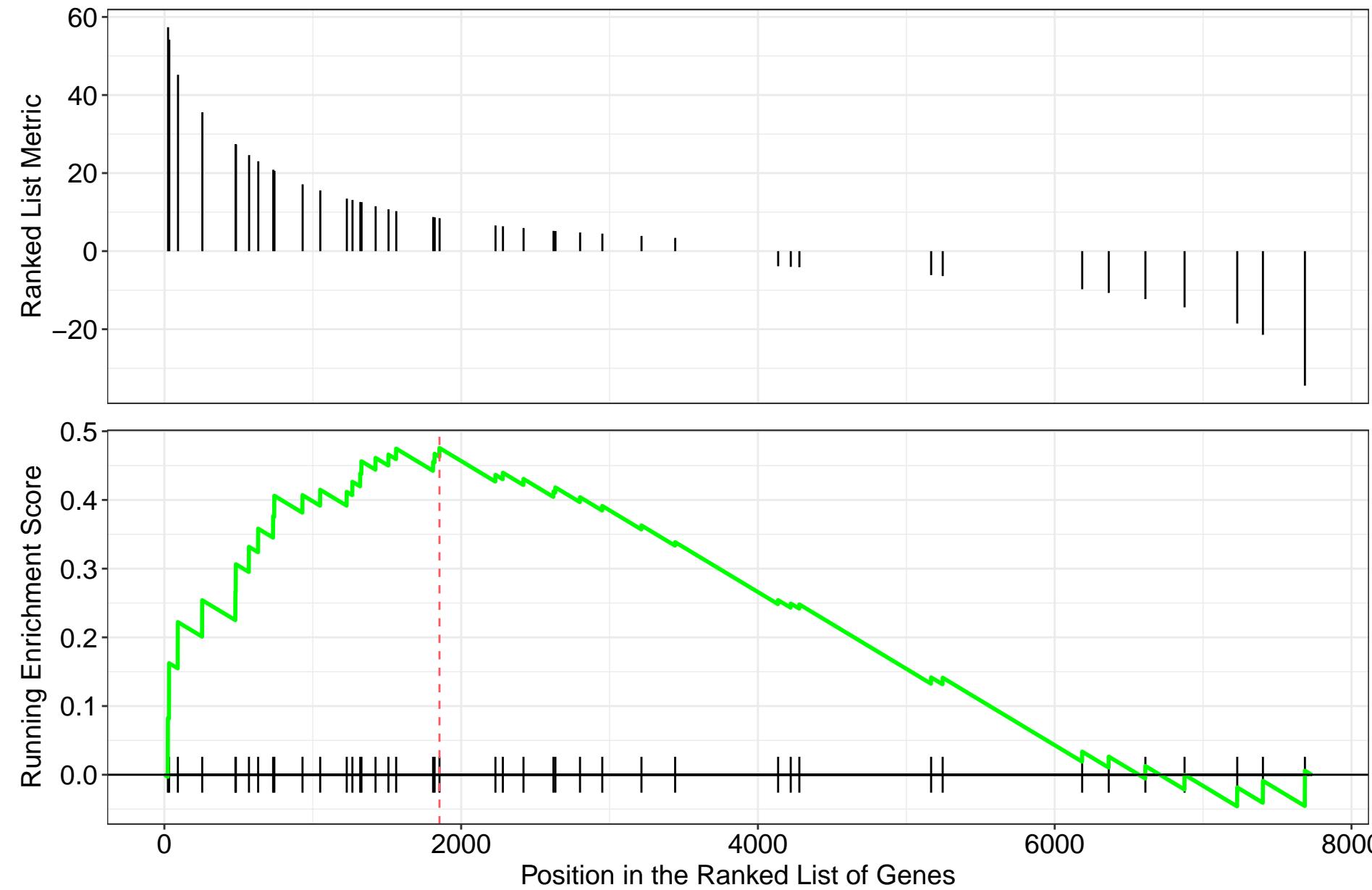
# regulation of podosome assembly



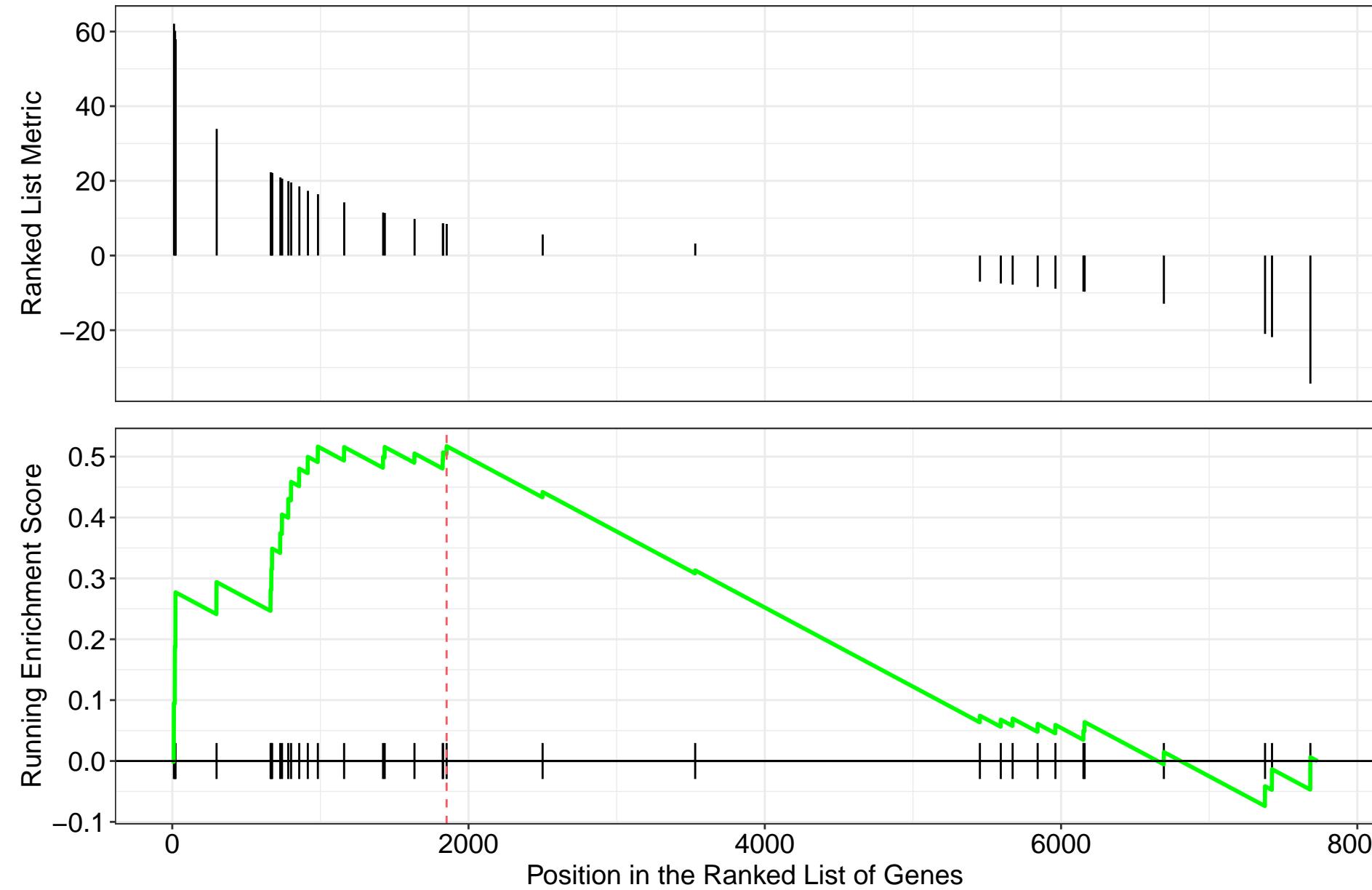
# interleukin–8 production



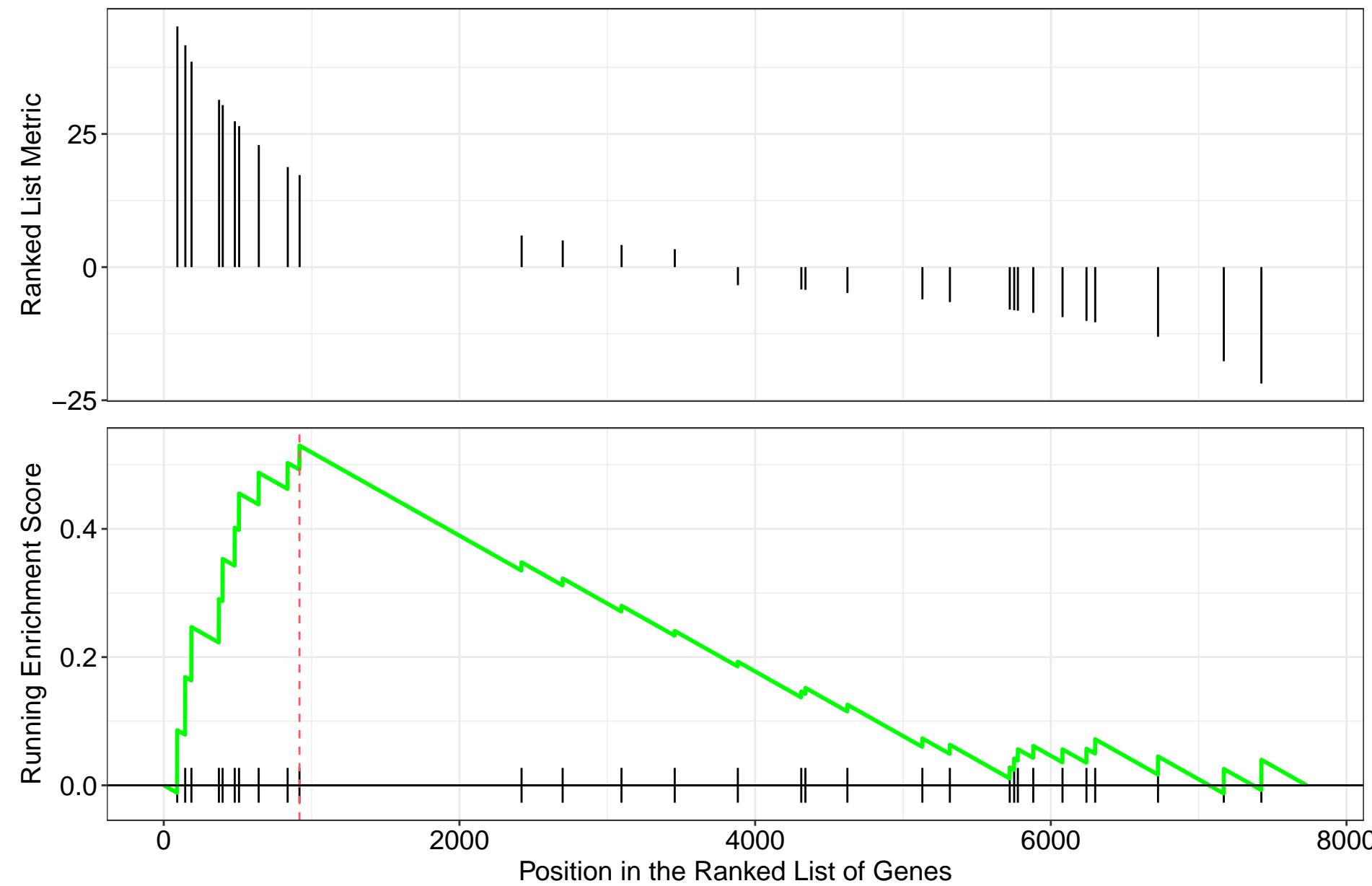
# regulation of interleukin–8 production



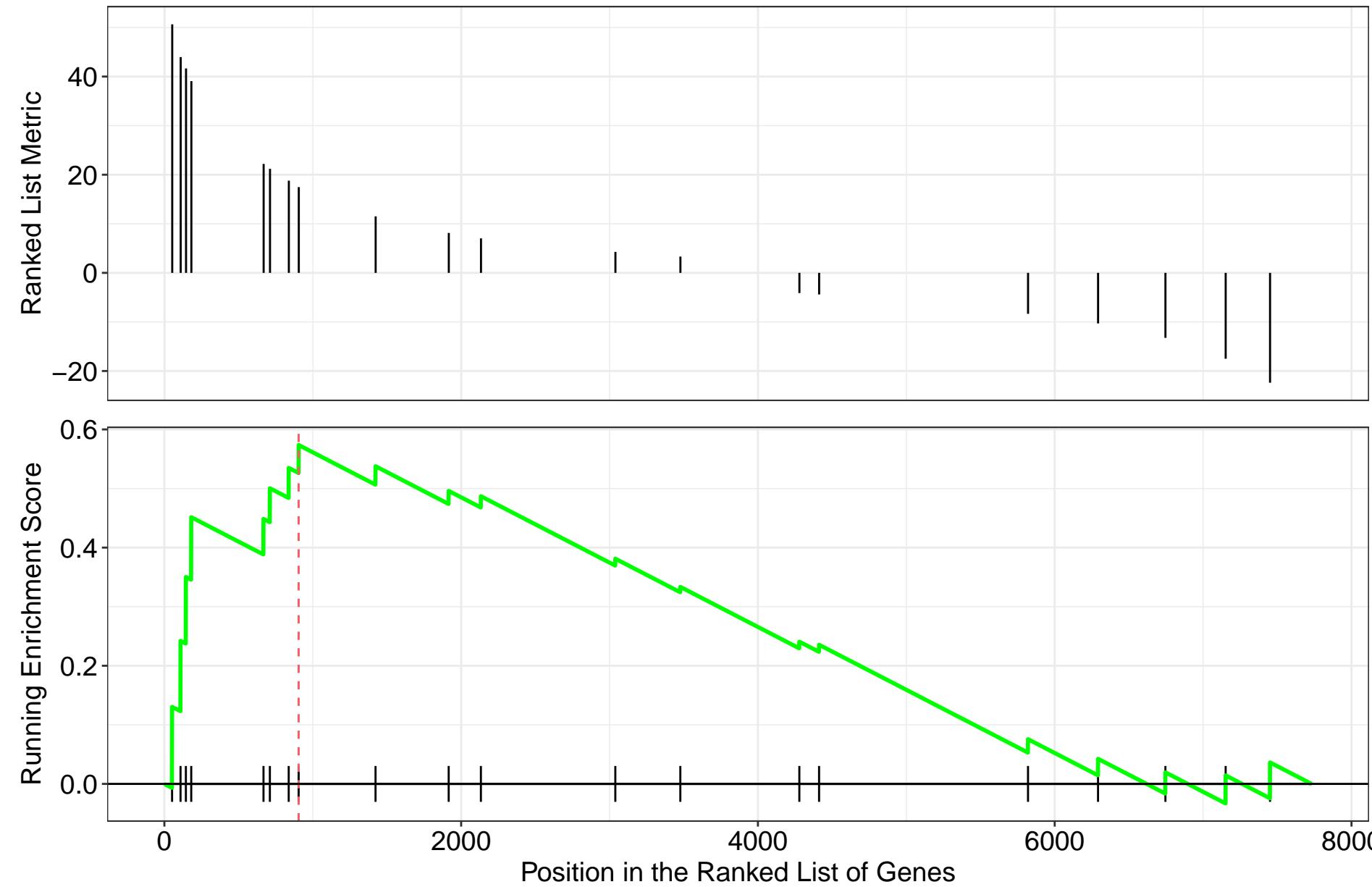
# positive regulation of phosphatidylinositol 3-kinase signaling



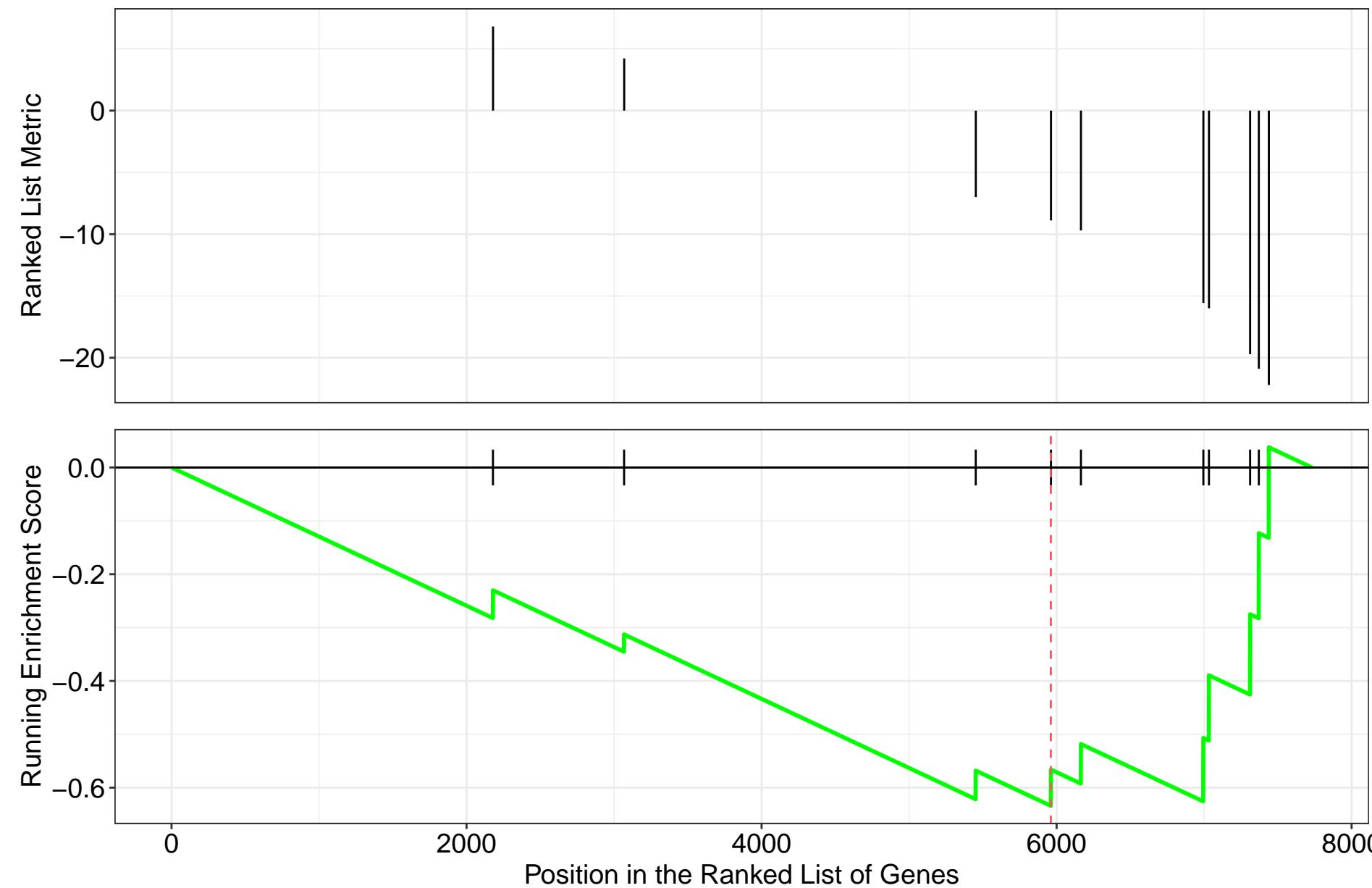
# positive regulation of immunoglobulin production



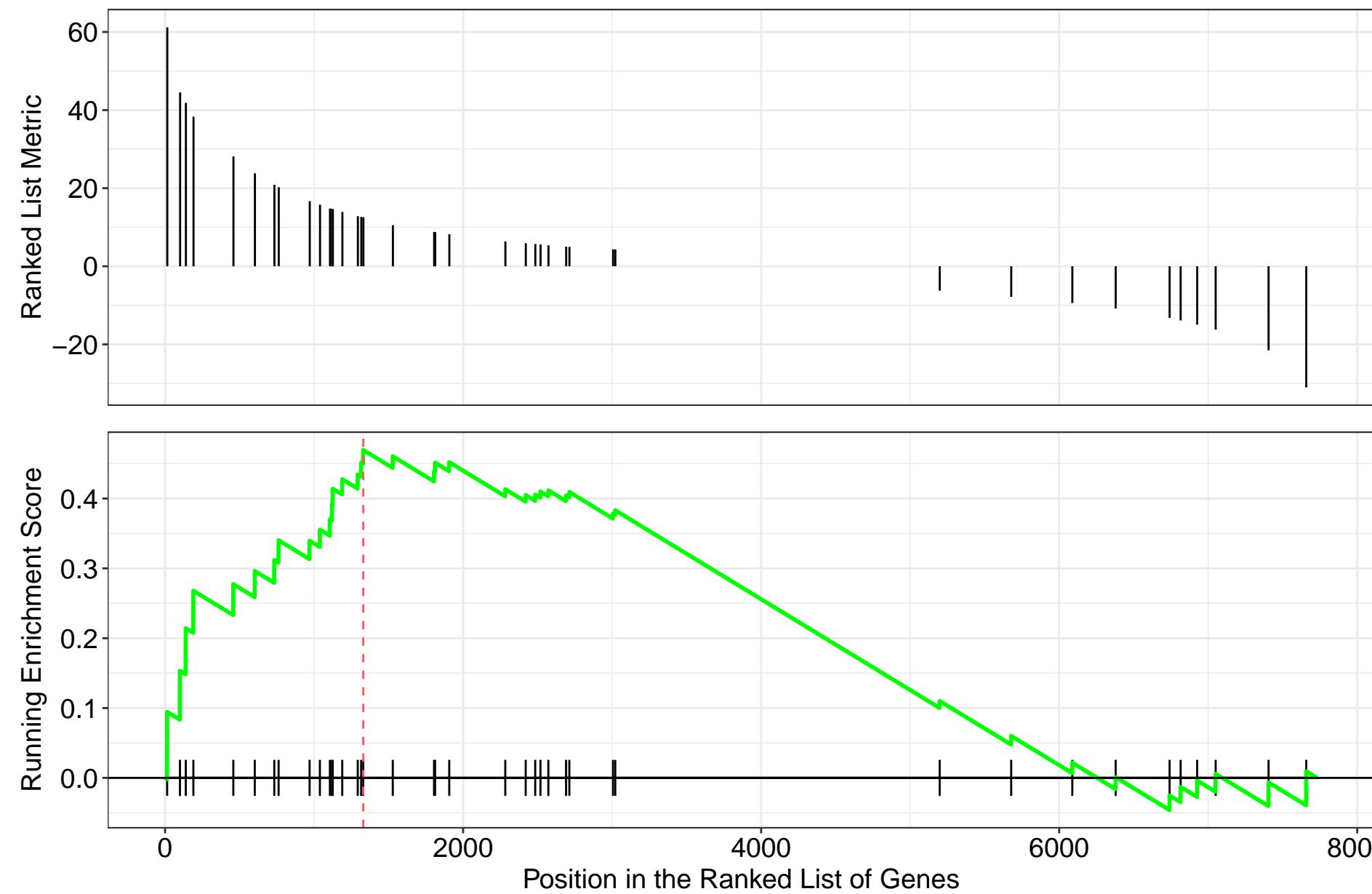
# regulation of sensory perception of pain



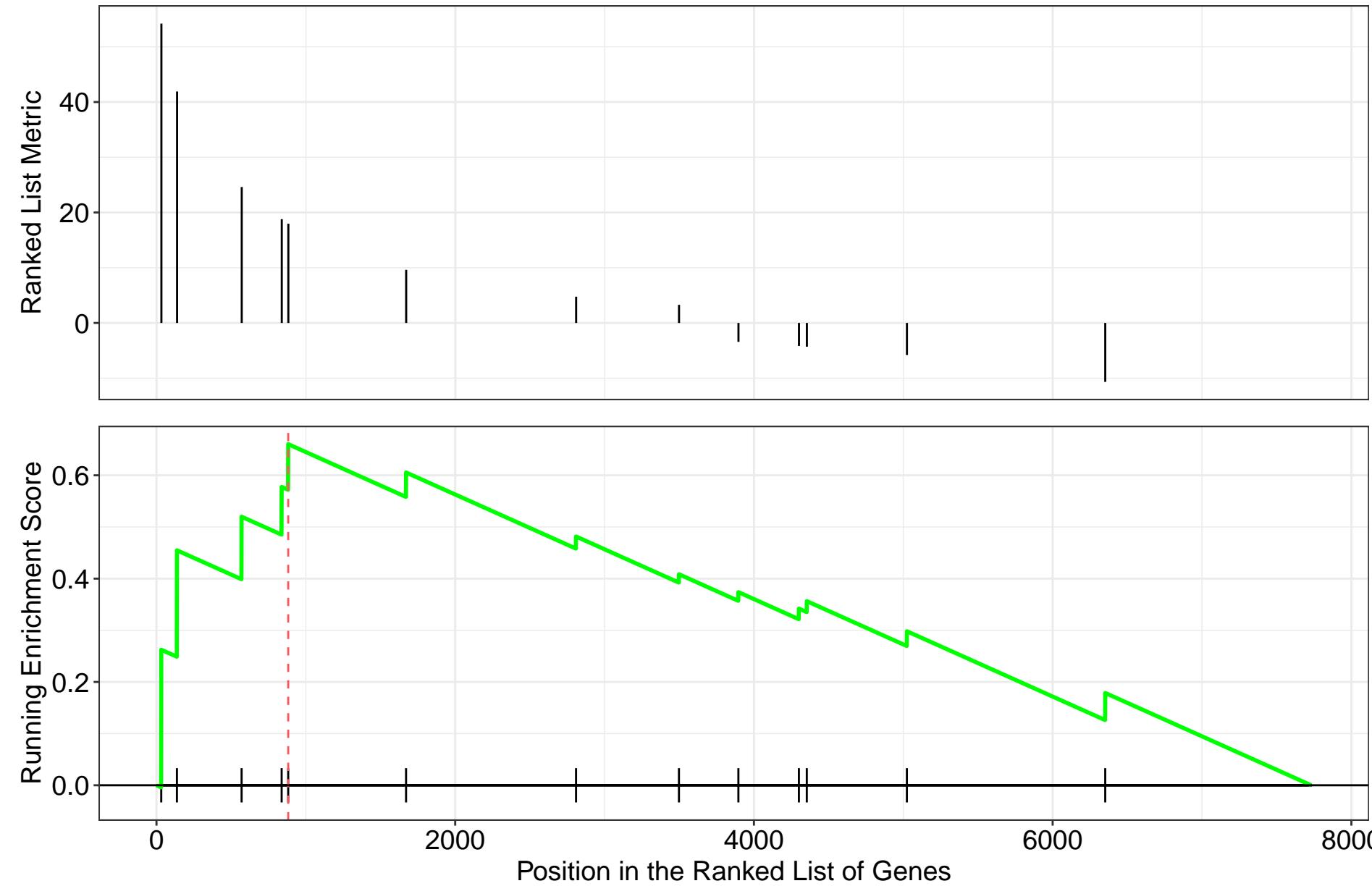
# positive regulation of meiotic cell cycle



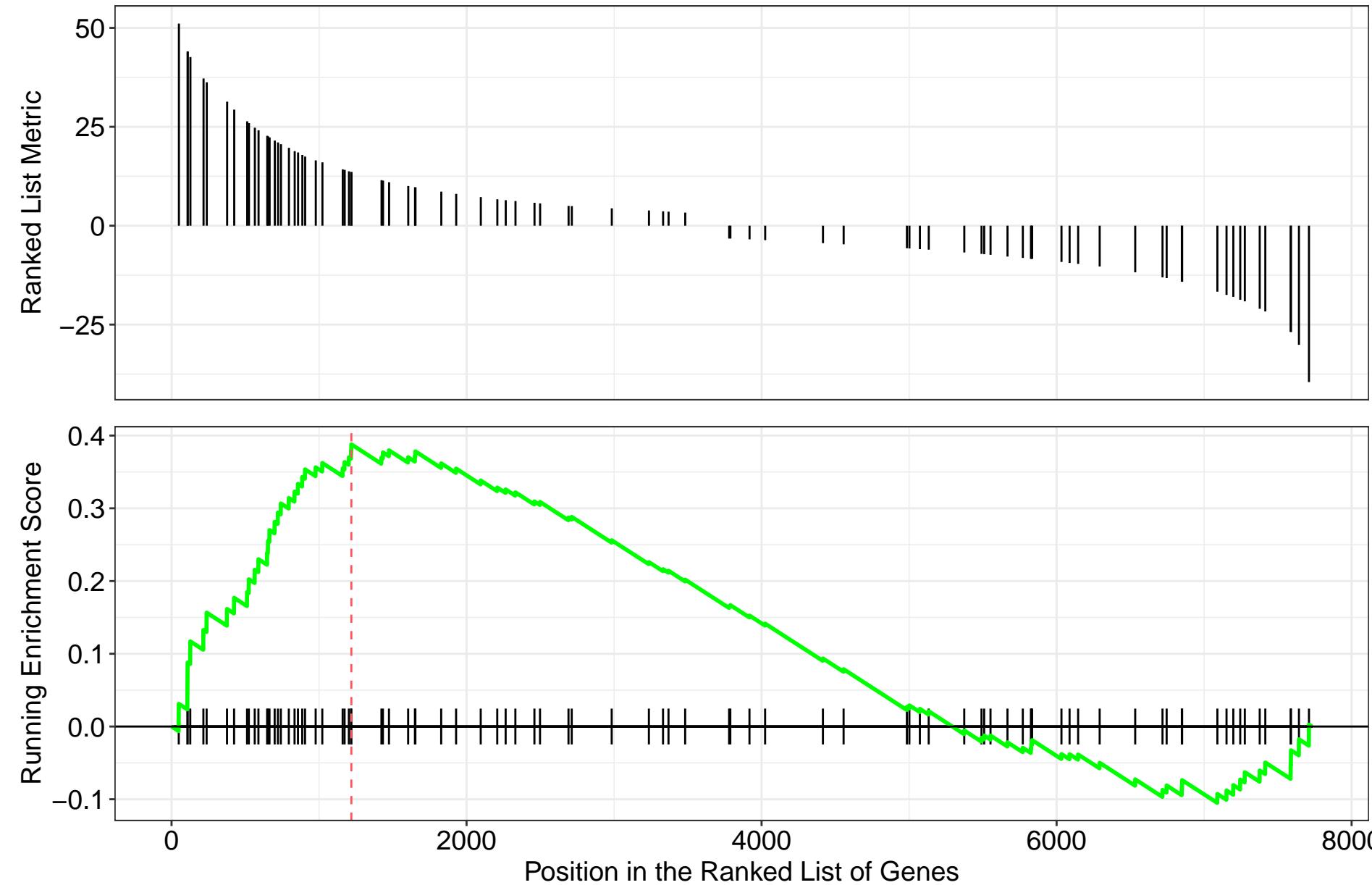
# negative regulation of leukocyte mediated immunity



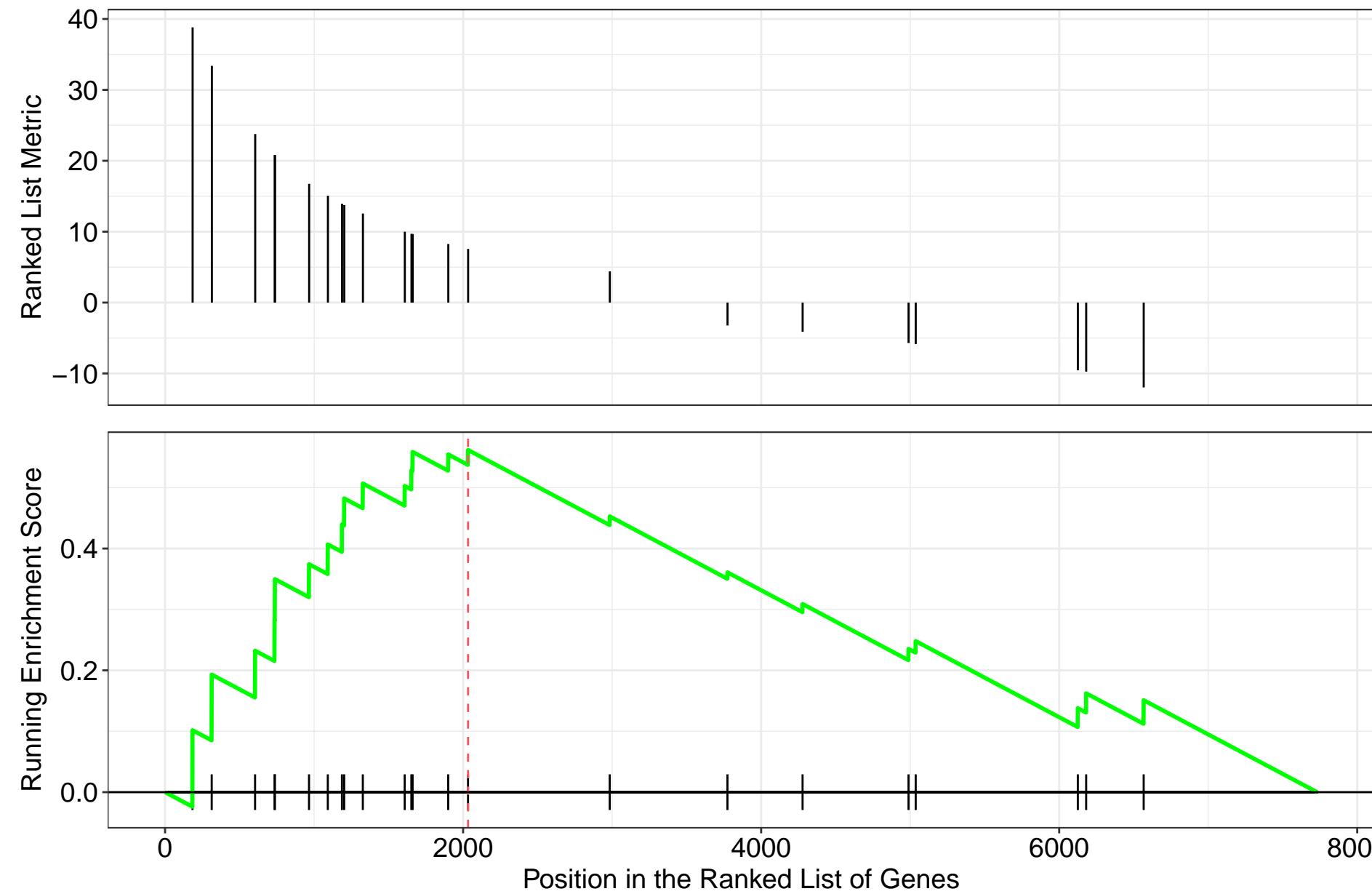
# regulation of membrane protein ectodomain proteolysis



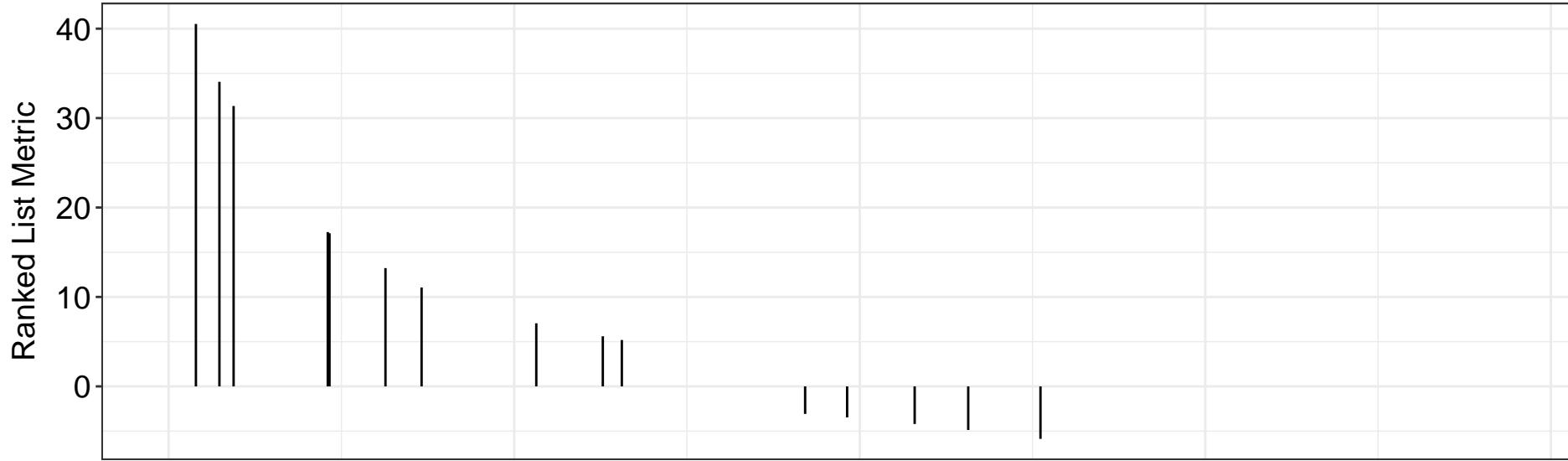
# vascular process in circulatory system



# epithelial cell morphogenesis

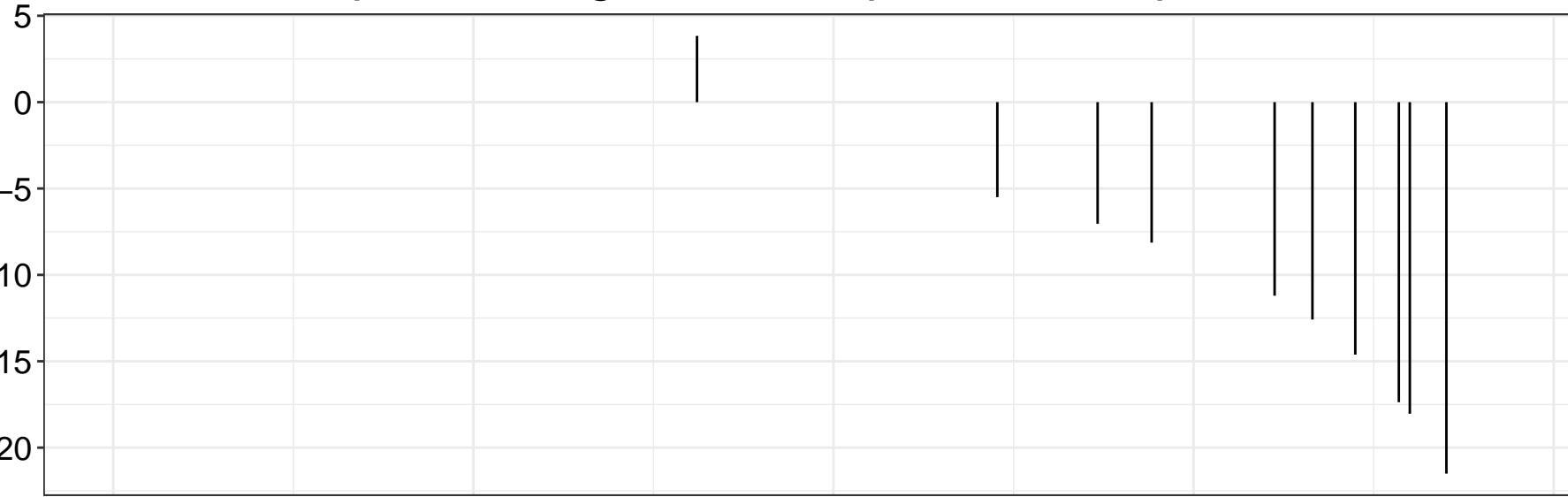


# negative regulation of receptor signaling pathway via JAK–STAT

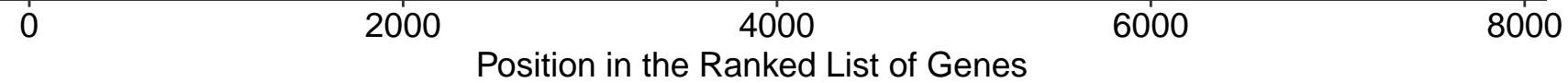


# positive regulation of spindle checkpoint

Ranked List Metric

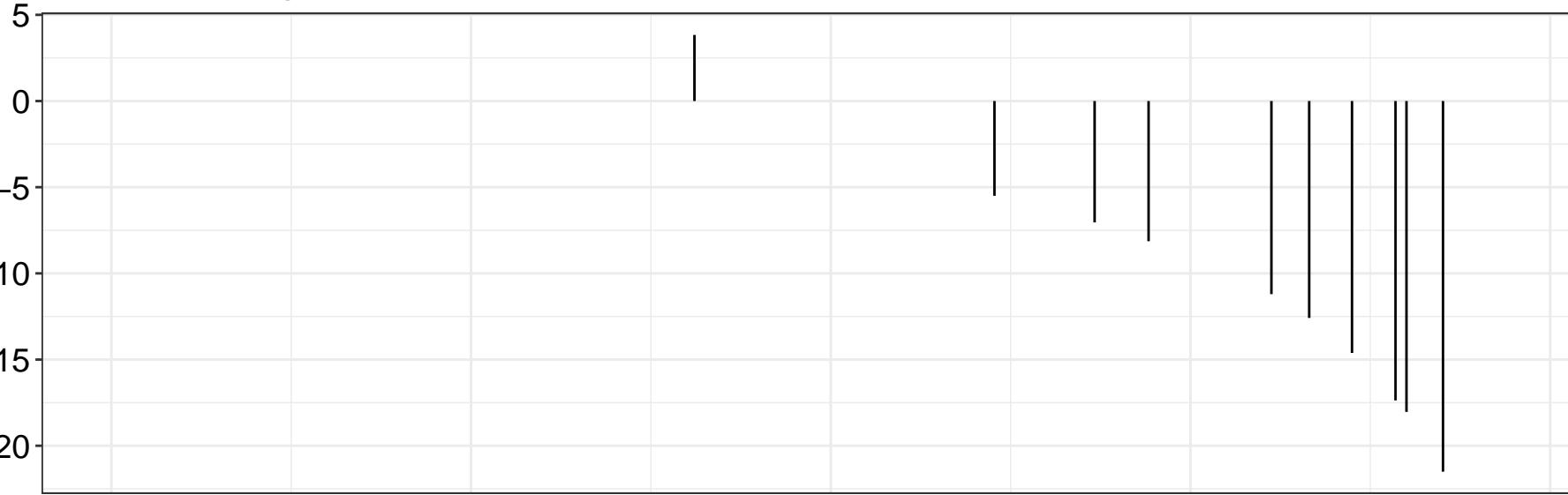


Running Enrichment Score



# positive regulation of mitotic cell cycle spindle assembly checkpoint

Ranked List Metric



Running Enrichment Score

Position in the Ranked List of Genes

