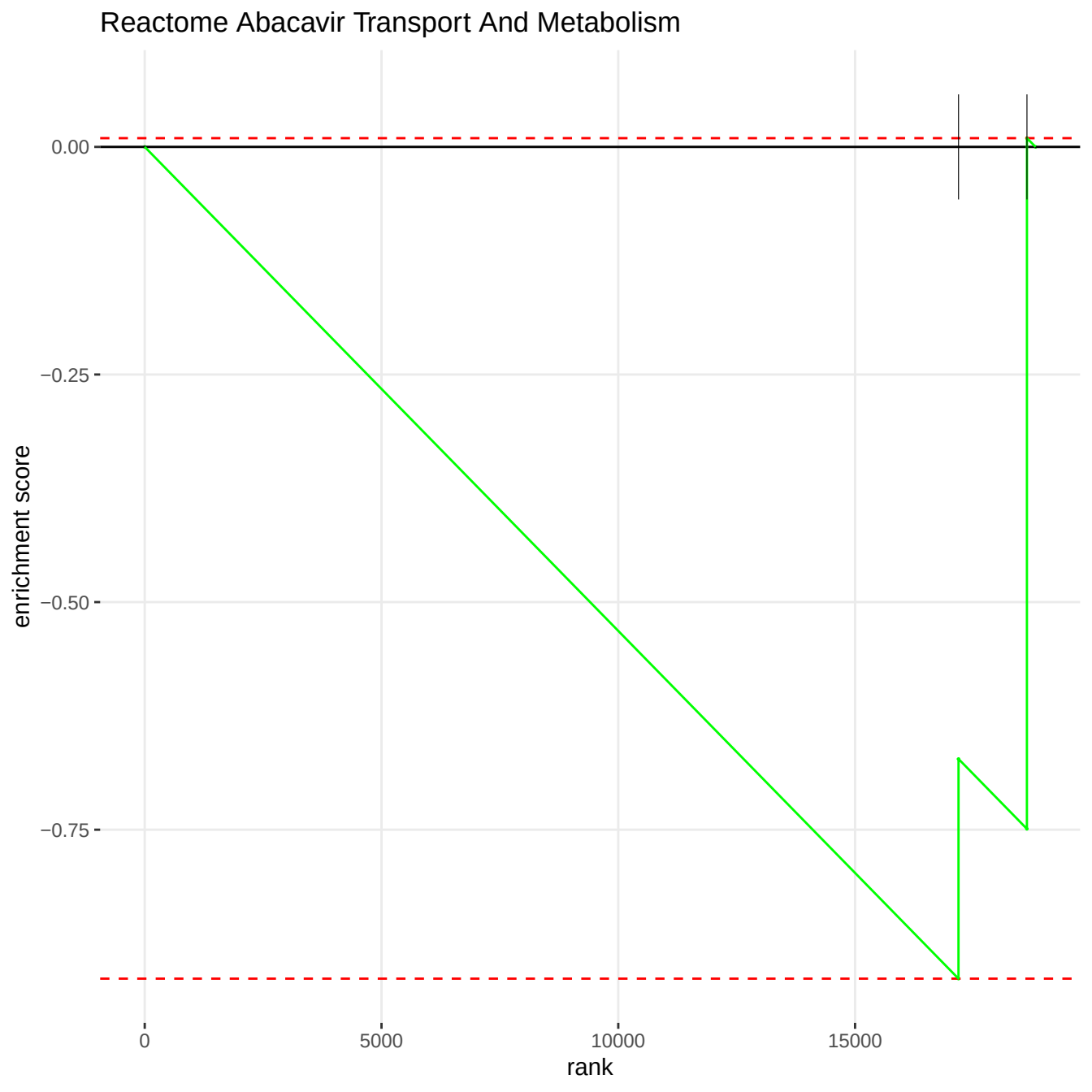
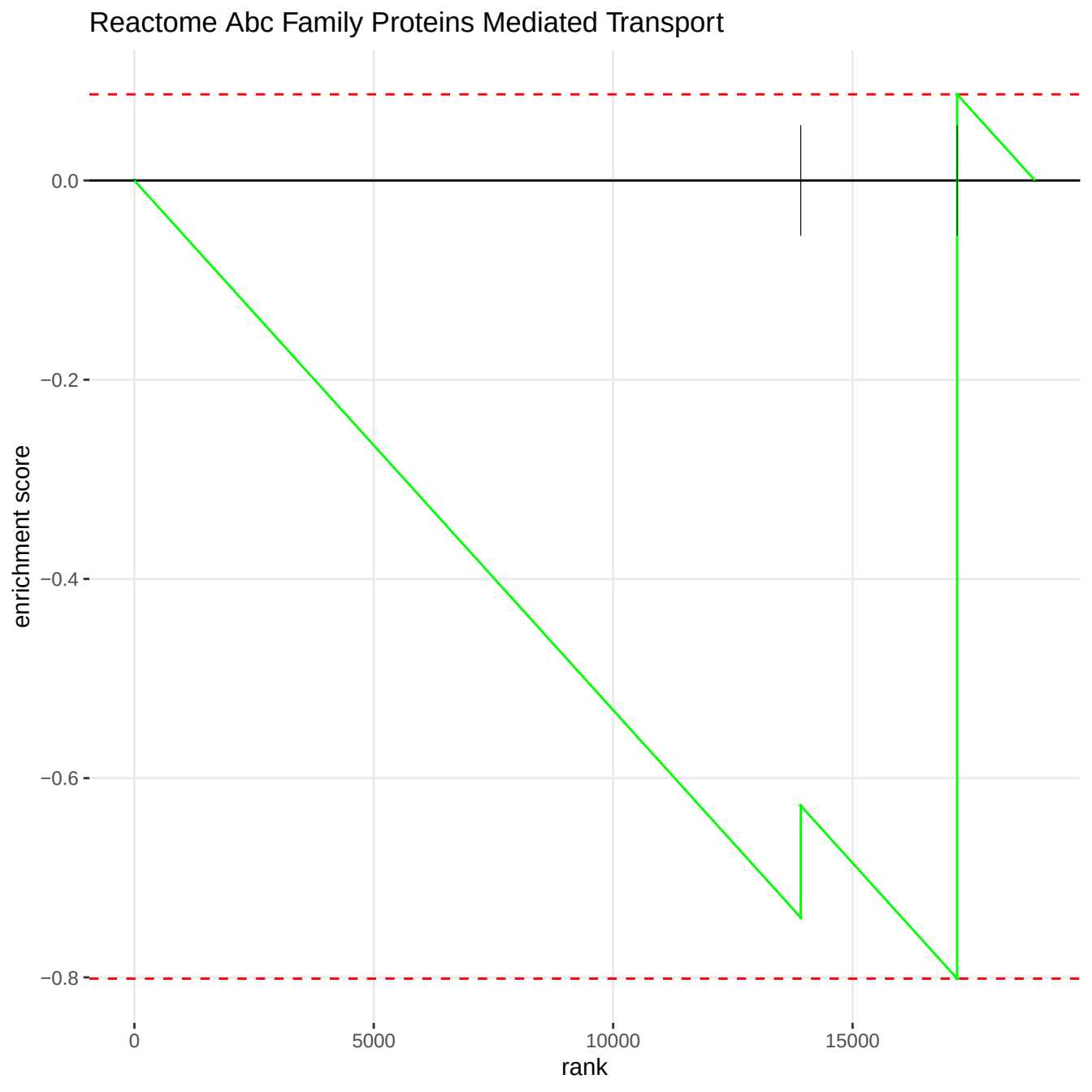
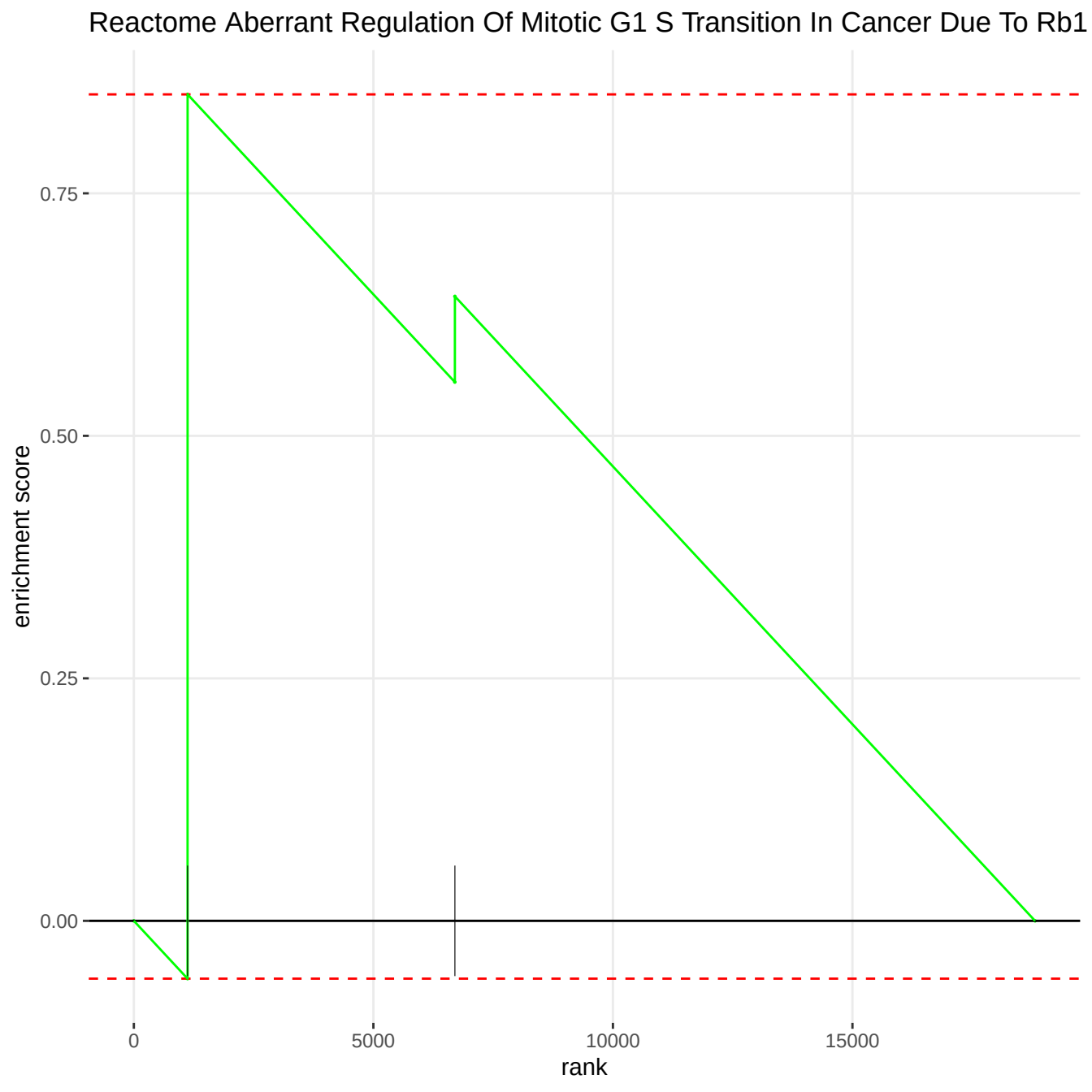
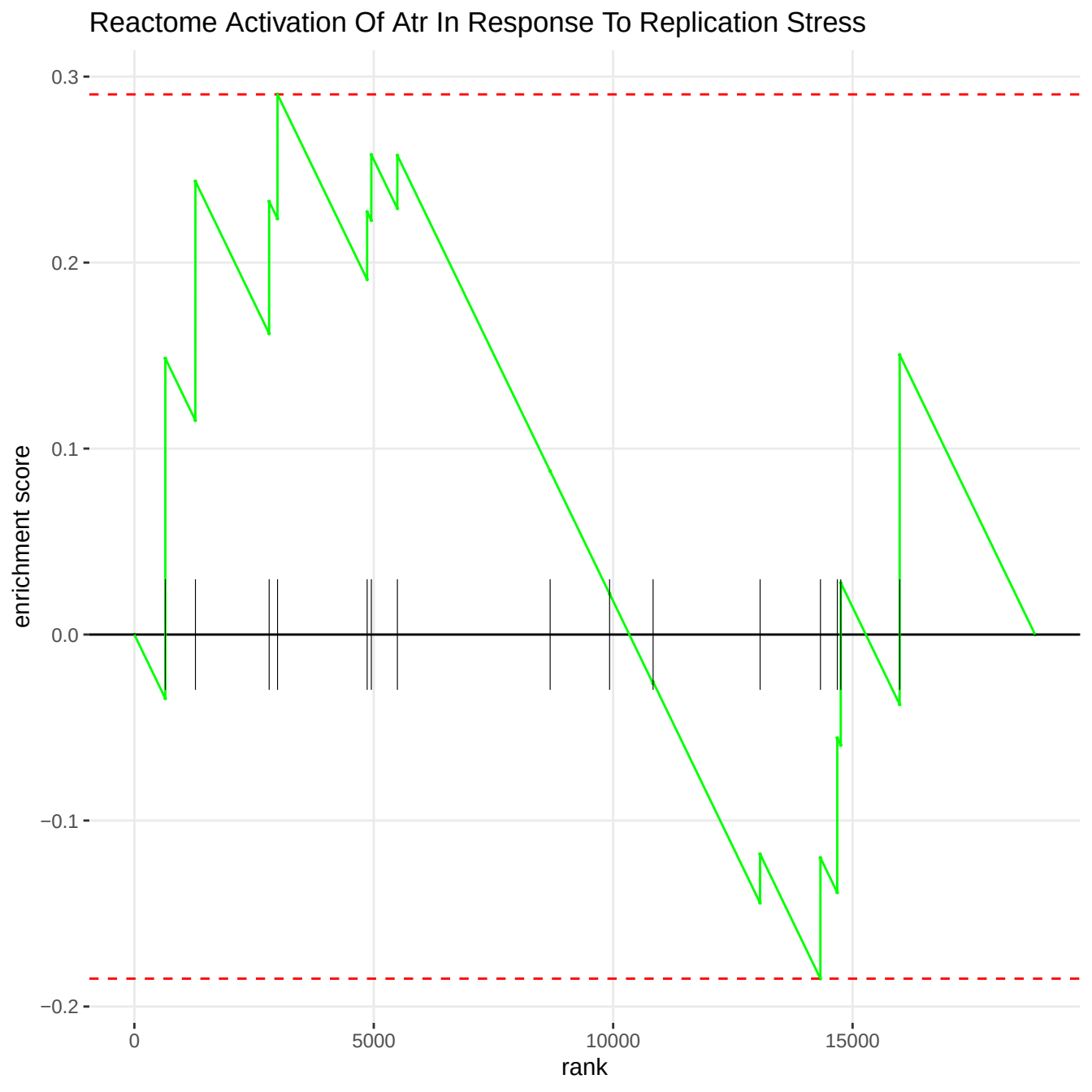
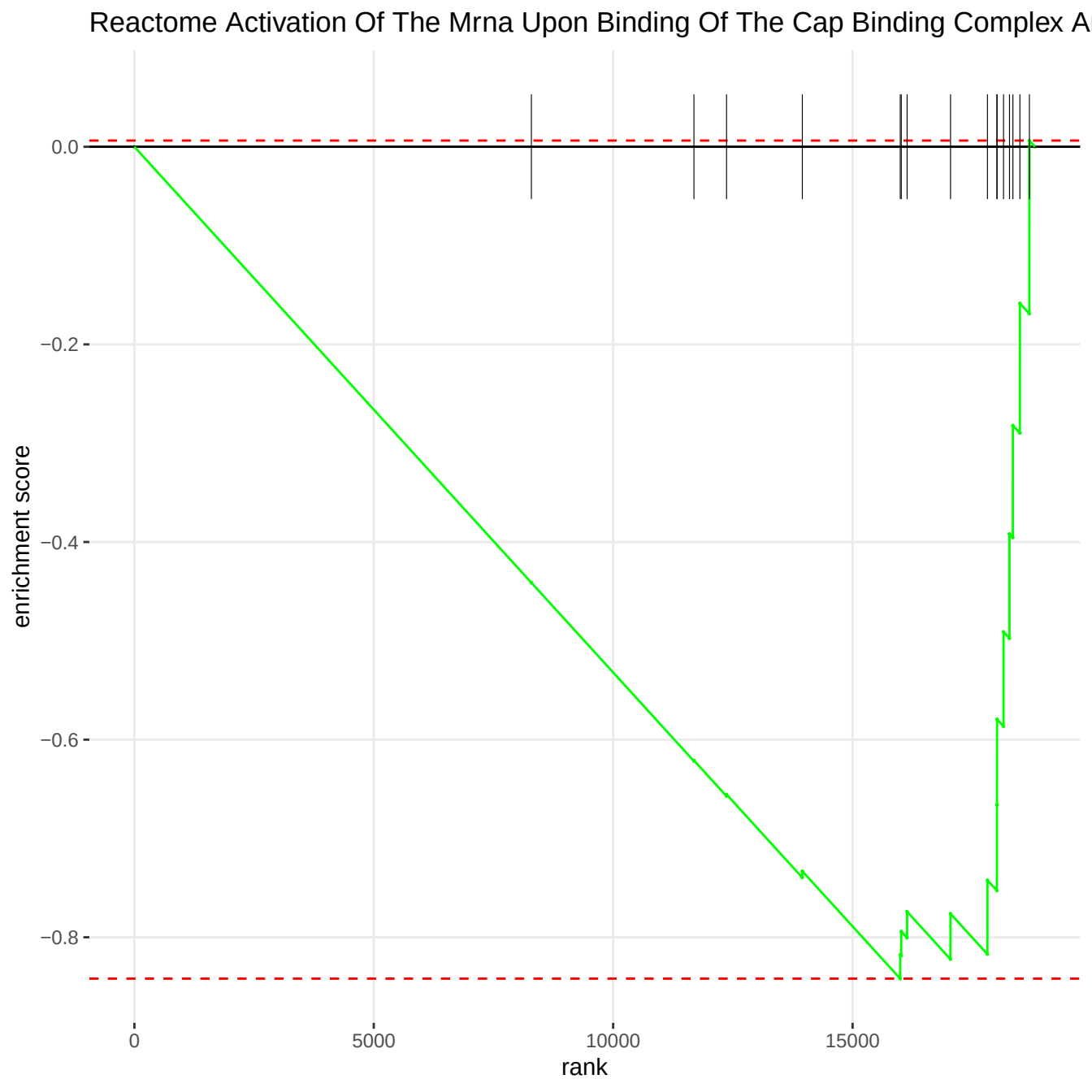
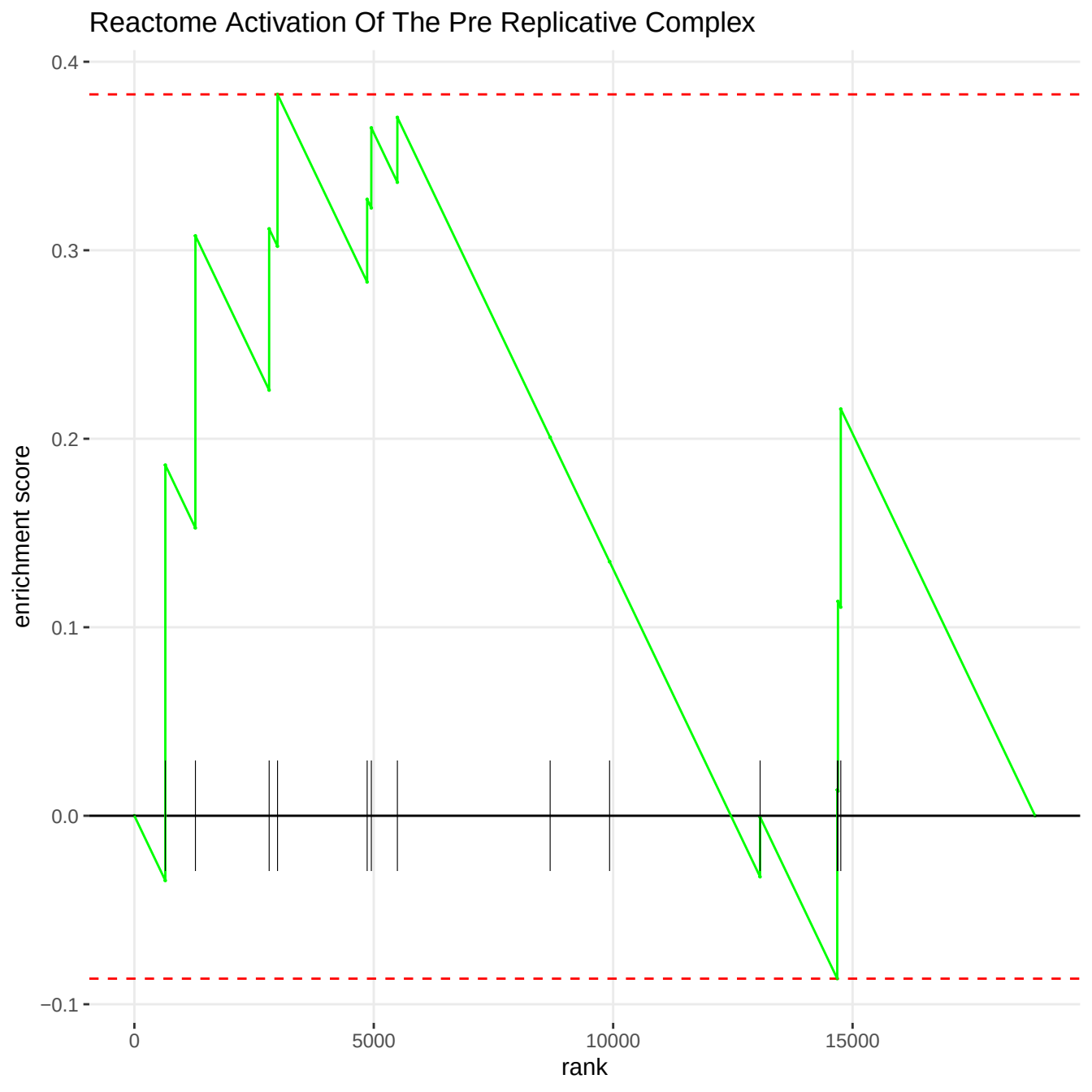

Reactome Abacavir Transport And Metabolism
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

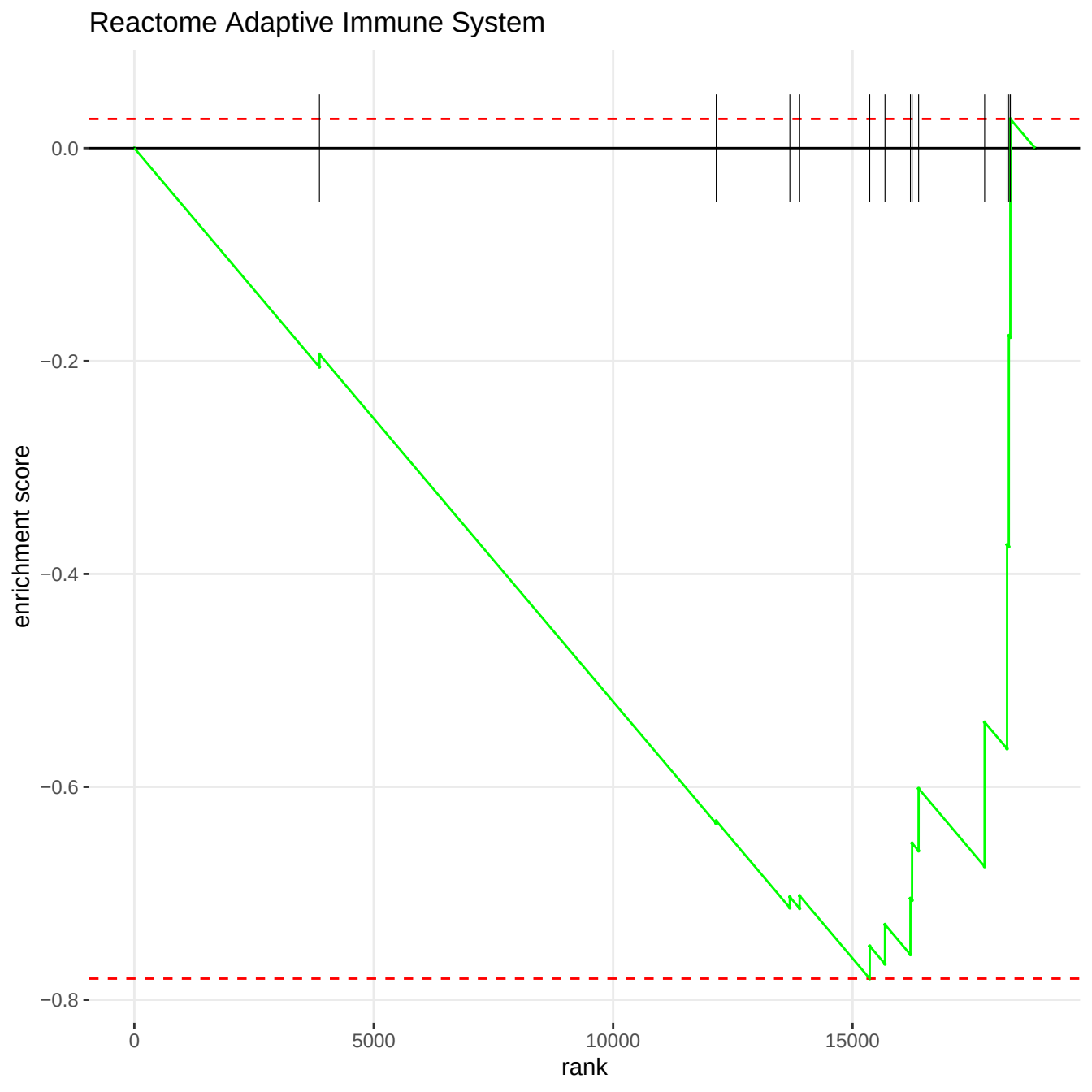

Reactome Abc Family Proteins Mediated Transport
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

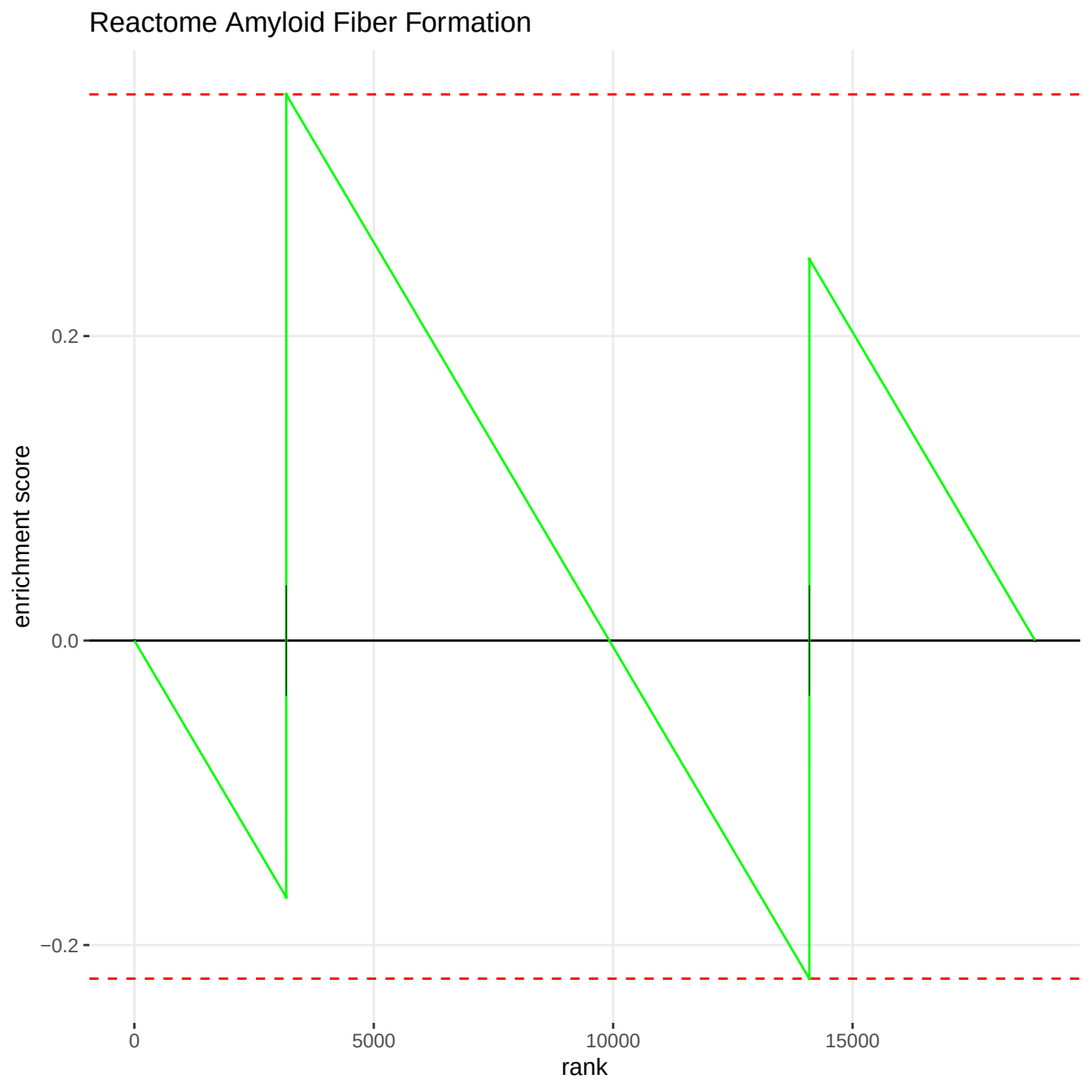

Reactome Aberrant Regulation Of Mitotic G1 S Transition In Cancer Due To Rb1
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

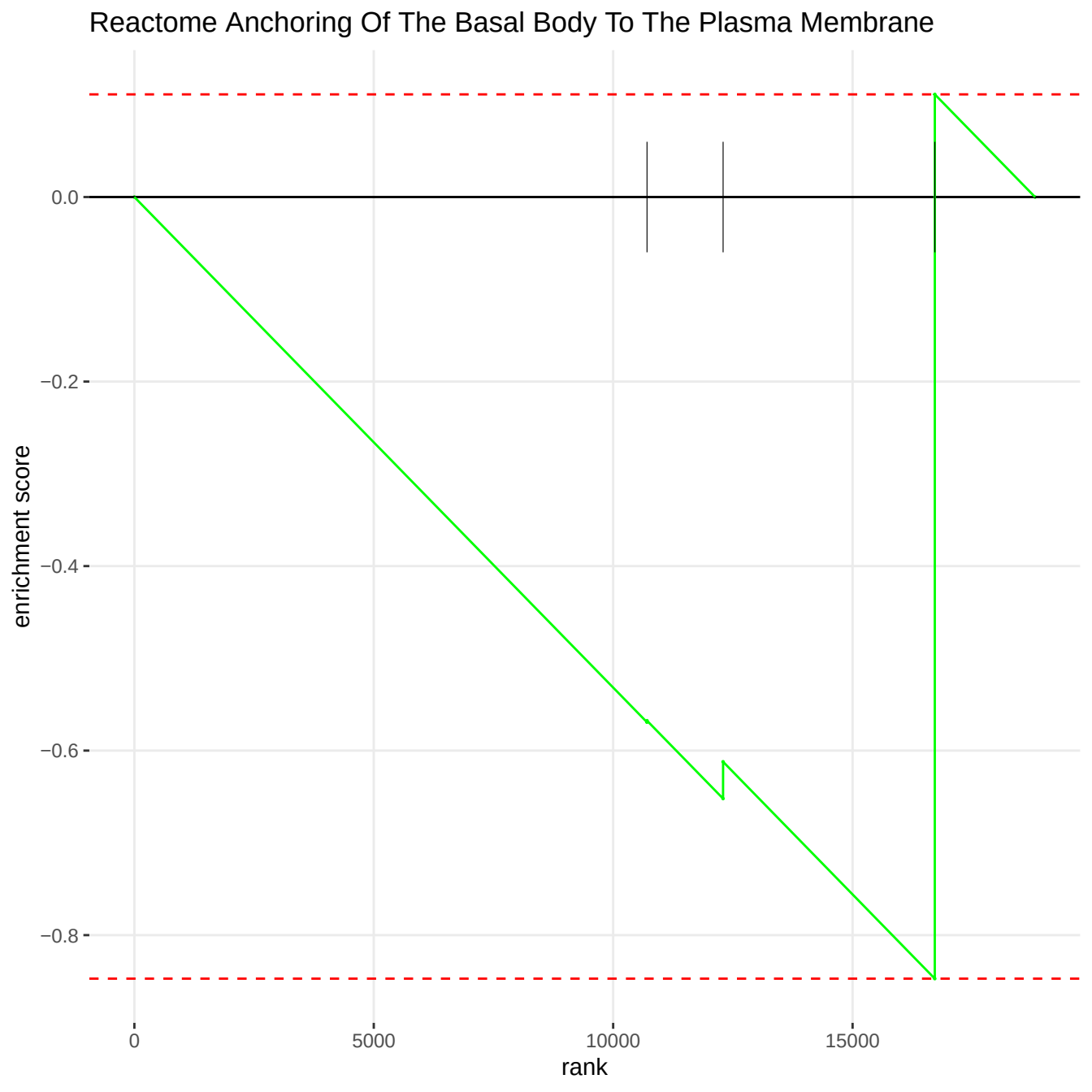

Reactome Activation Of Atr In Response To Replication Stress
0.3
0.2
0.1
0.0
−0.1
−0.2
enrichment score
0
5000
10000
15000
rank

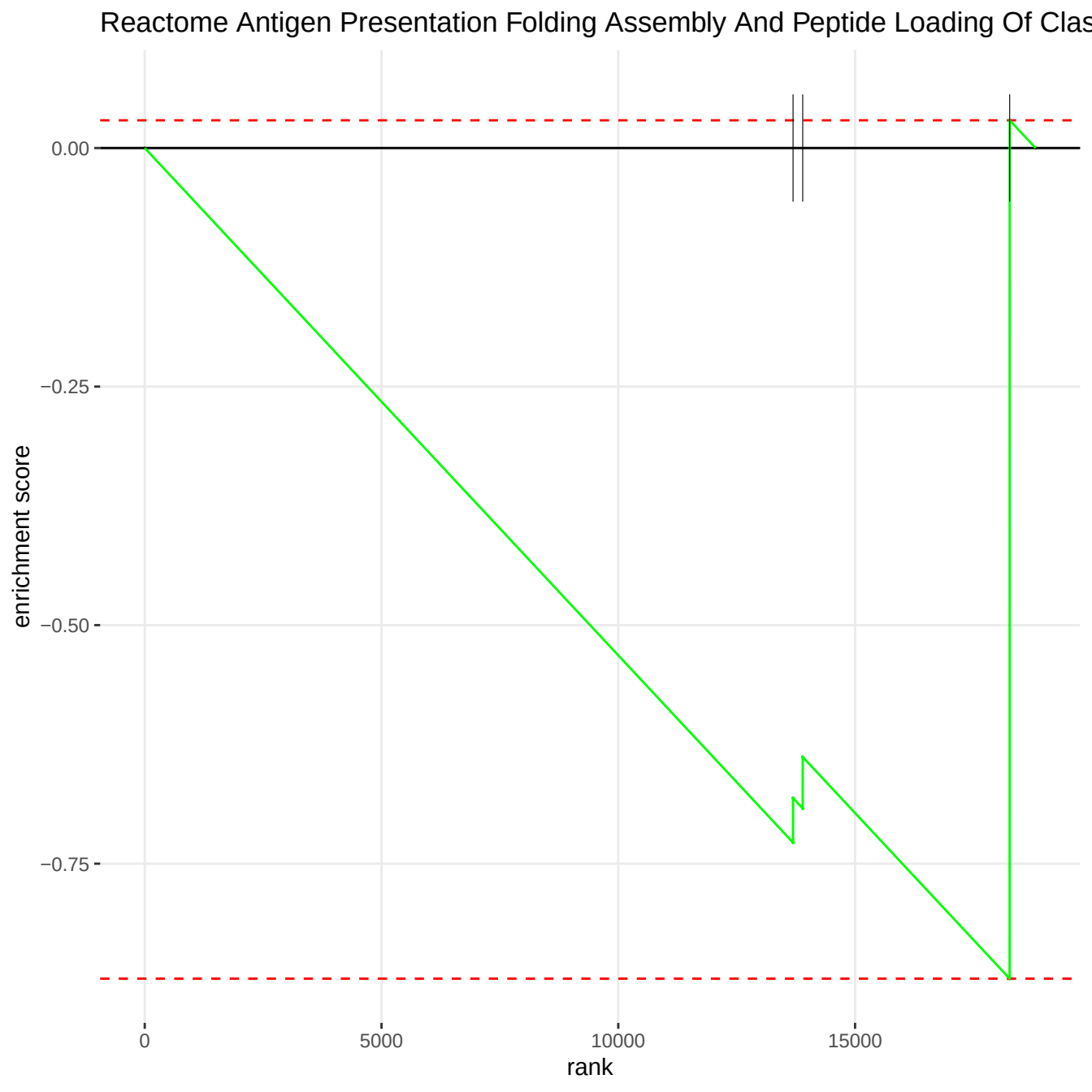

Reactome Activation Of The Mrna Upon Binding Of The Cap Binding Complex A
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

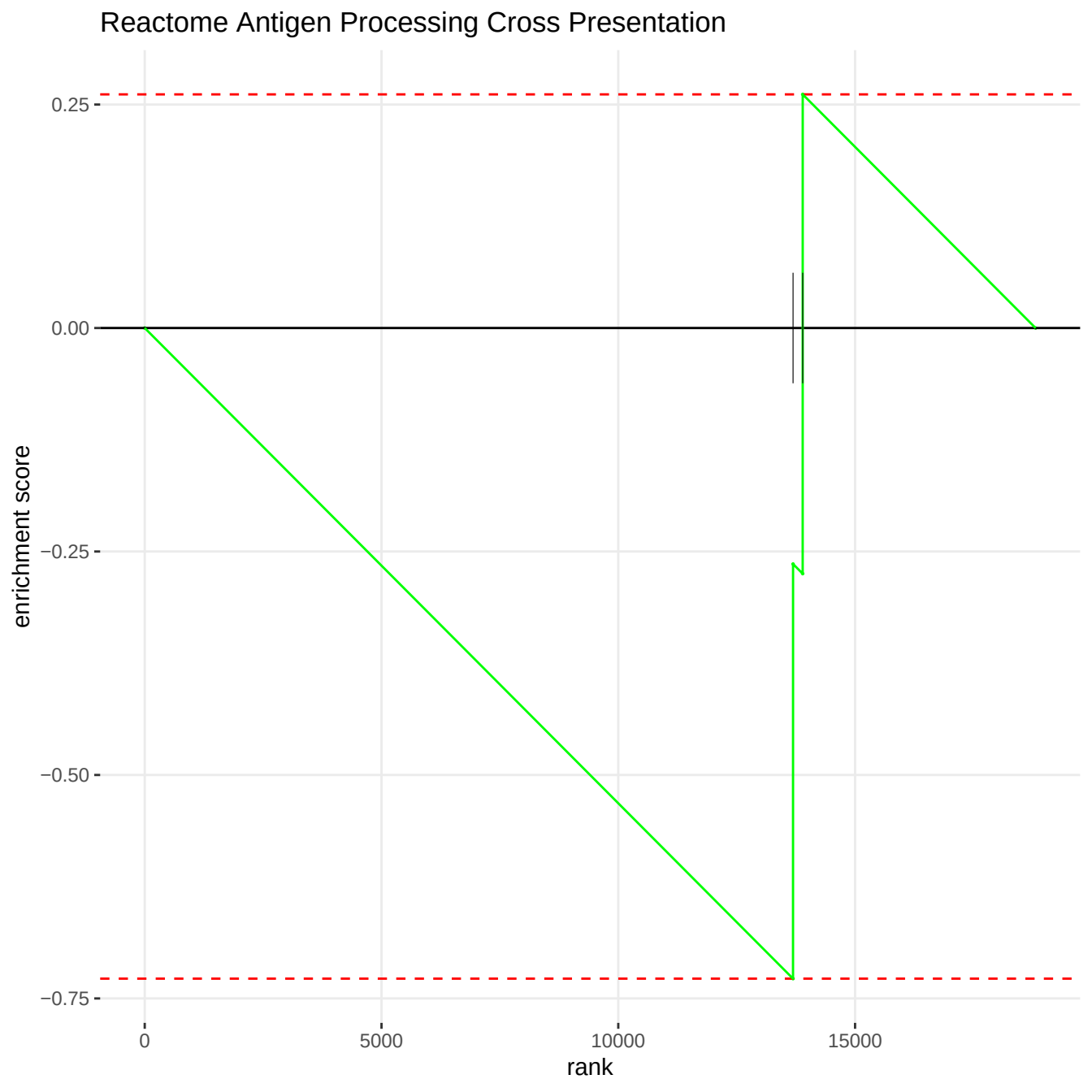

Reactome Activation Of The Pre Replicative Complex
0.4
0.3
0.2
0.1
0.0
−0.1
enrichment score
0
5000
10000
15000
rank

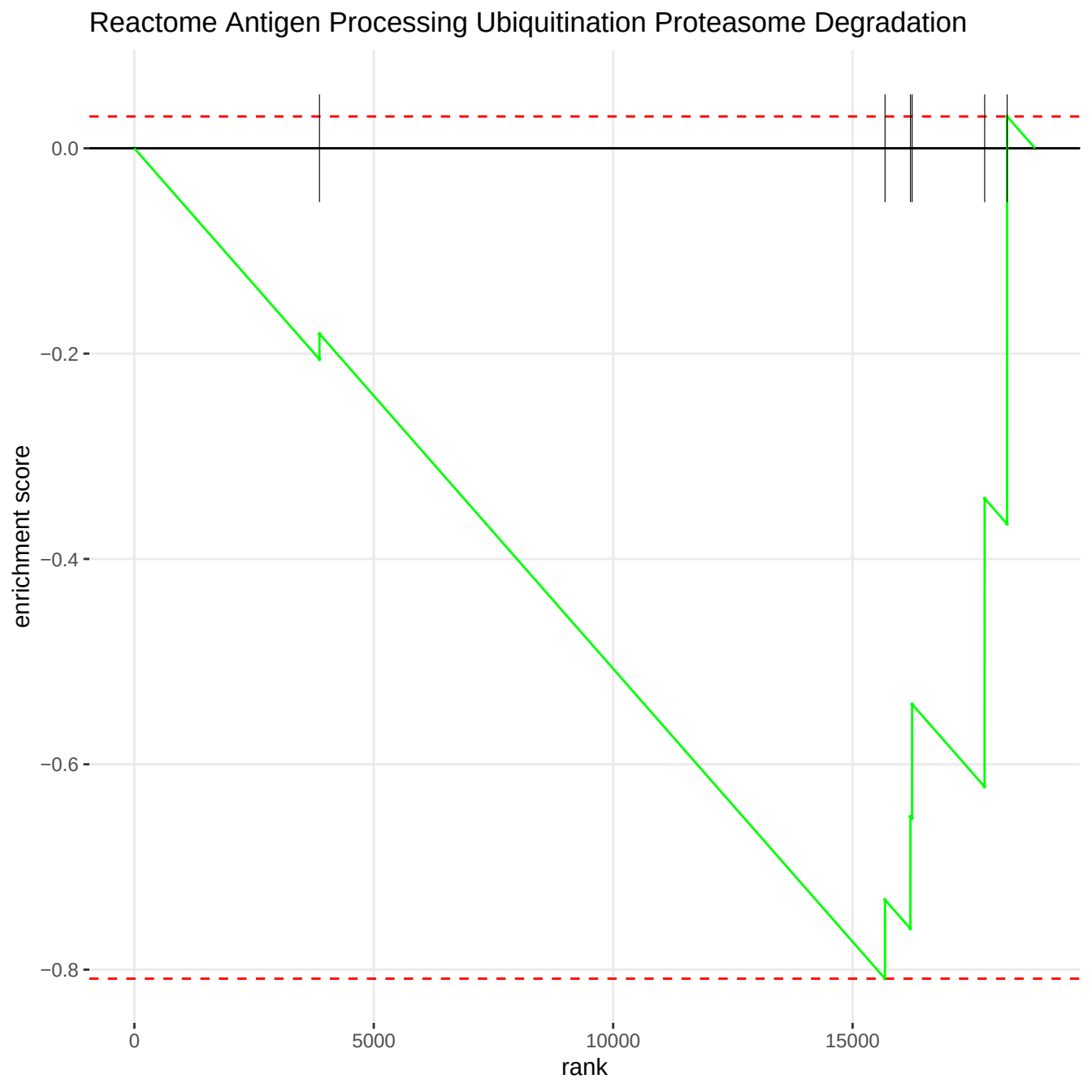

Reactome Adaptive Immune System
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Amyloid Fiber Formation
0.2
0.0
−0.2
enrichment score
0
5000
10000
15000
rank

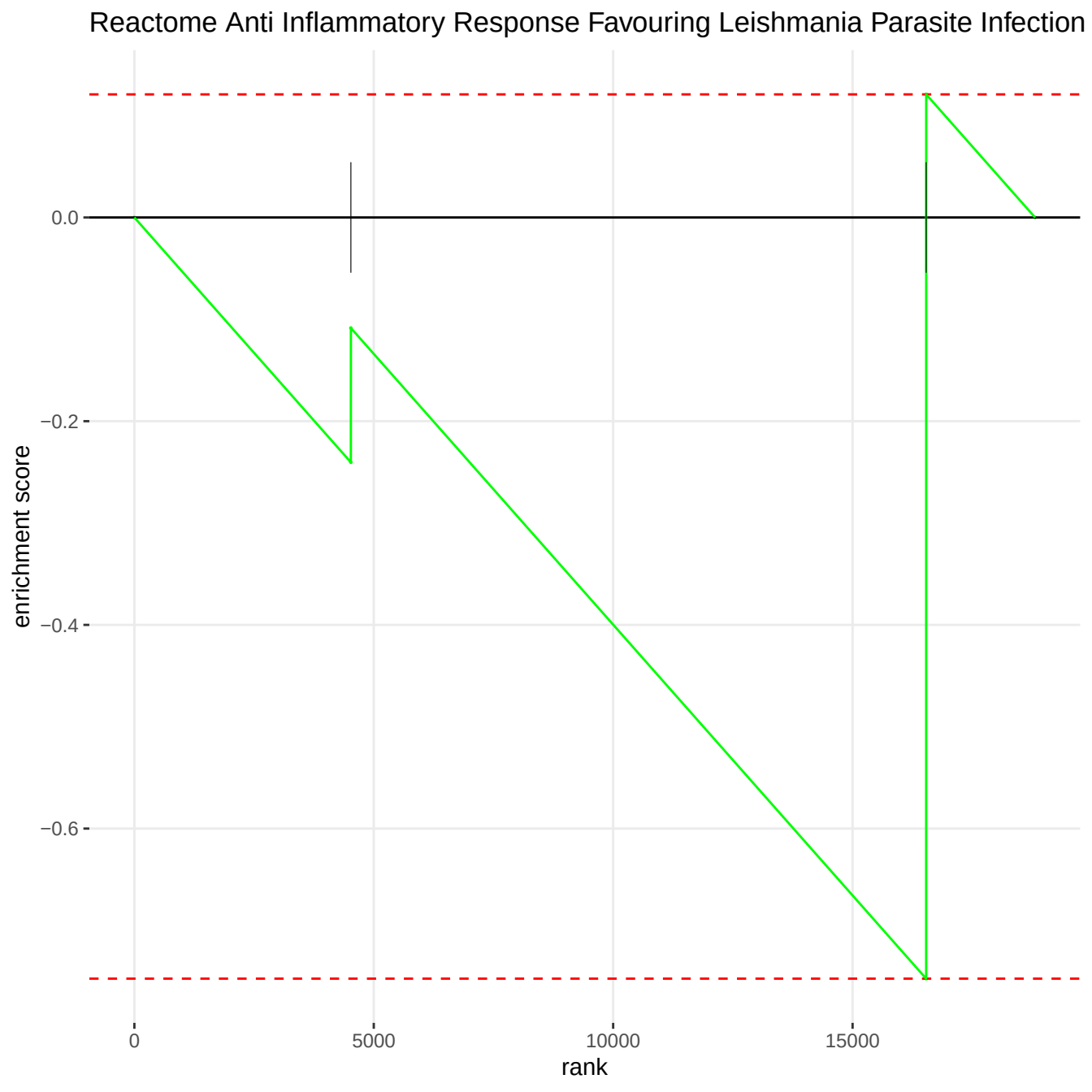

Reactome Anchoring Of The Basal Body To The Plasma Membrane
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

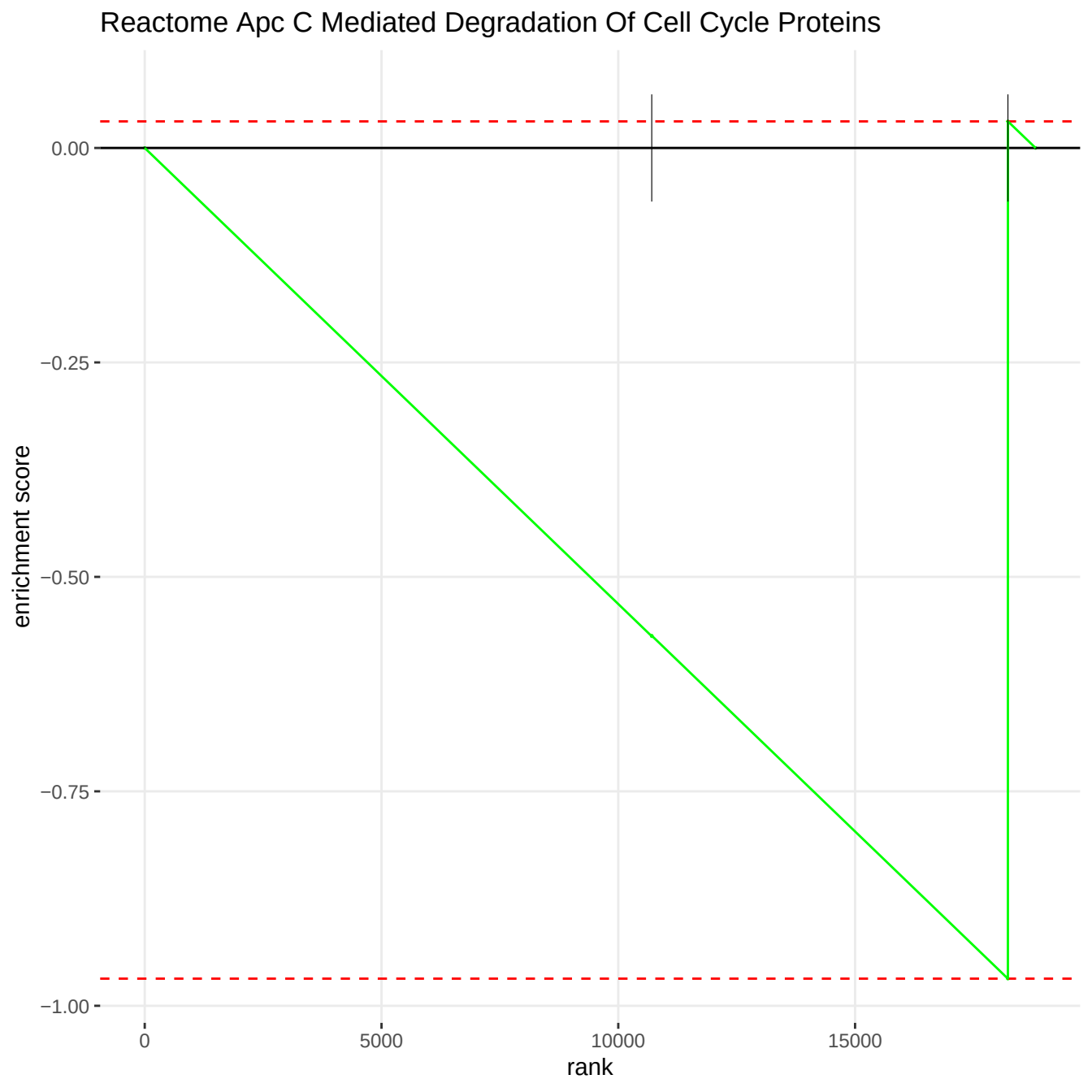

Reactome Antigen Presentation Folding Assembly And Peptide Loading Of Clas
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

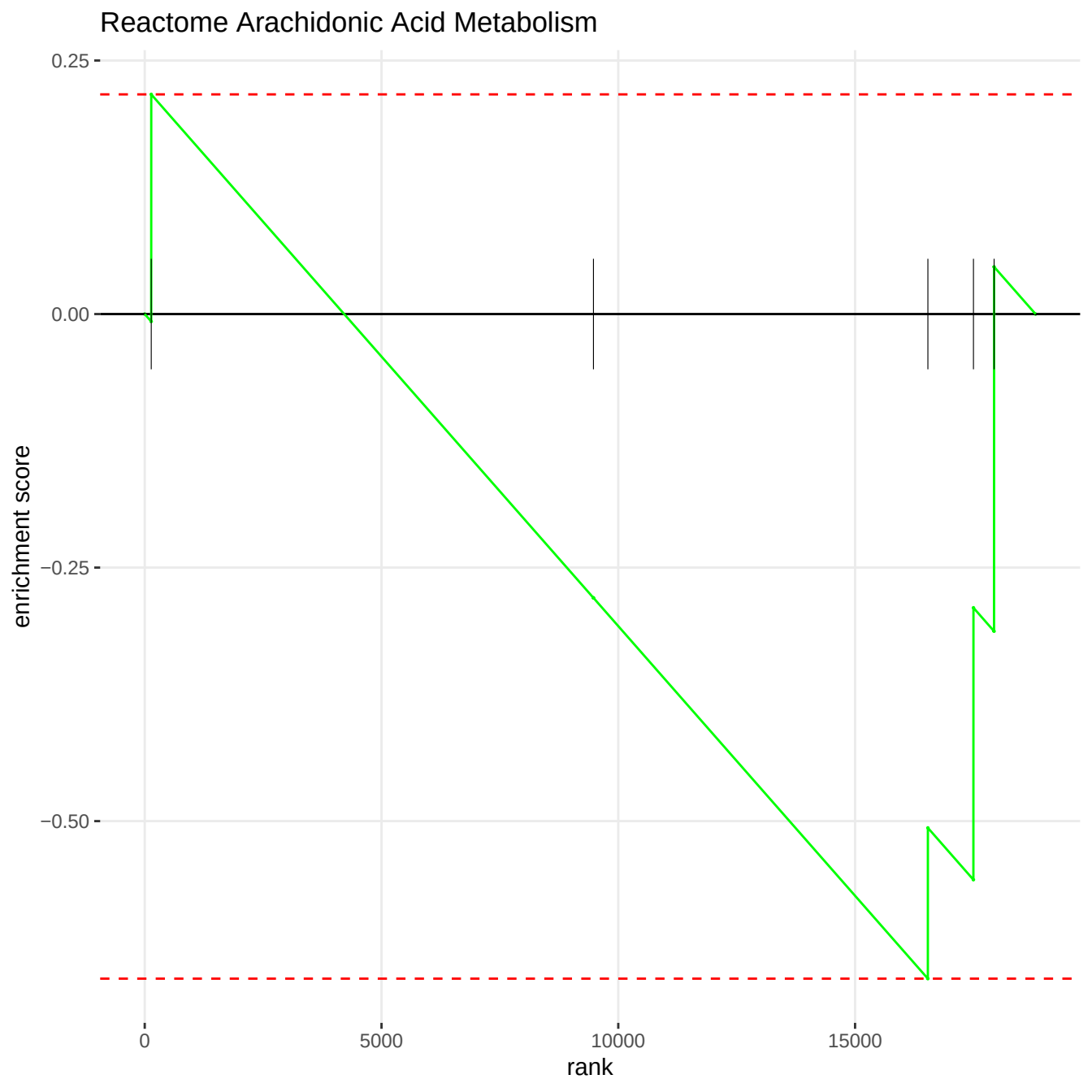

Reactome Antigen Processing Cross Presentation
0.25
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

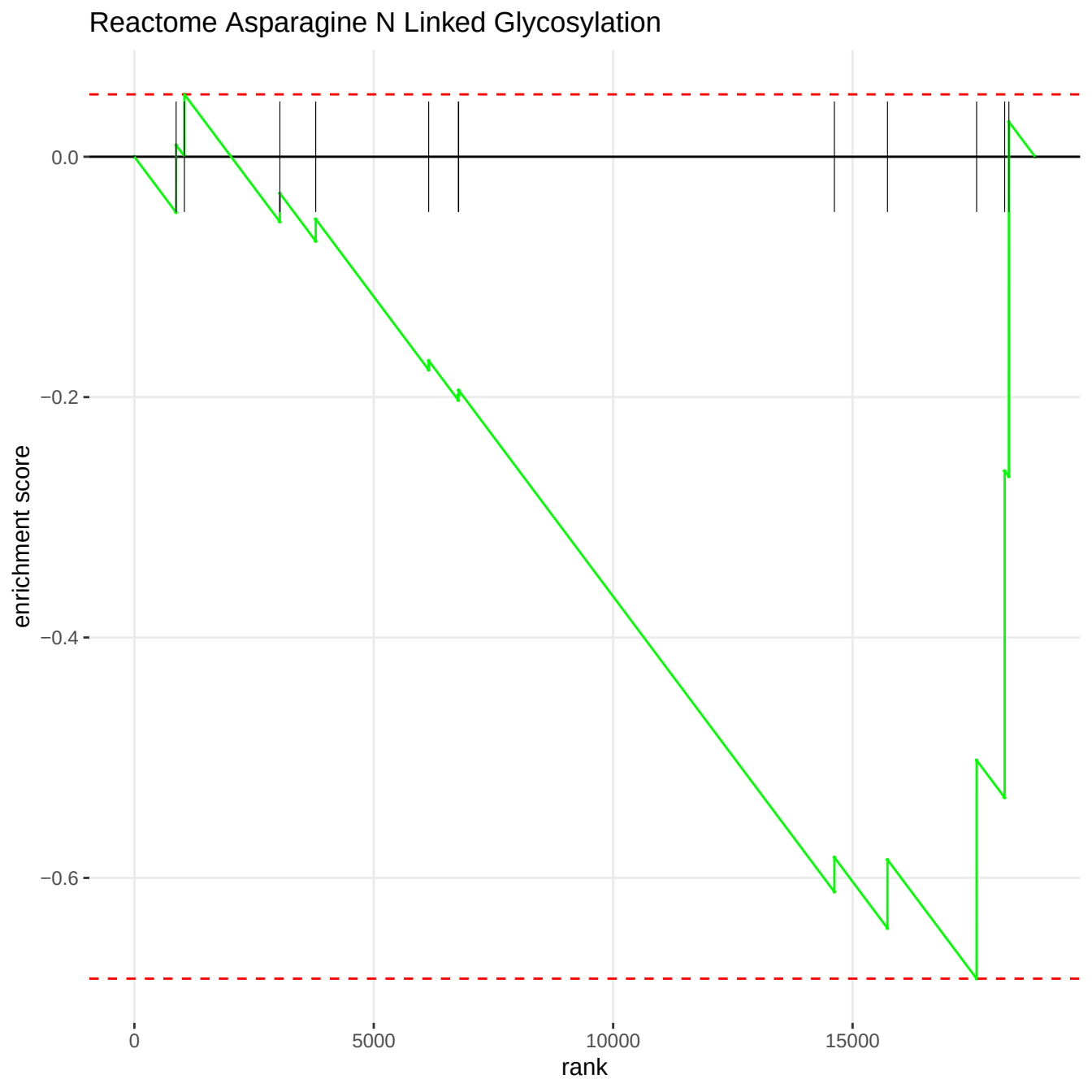

Reactome Antigen Processing Ubiquitination Proteasome Degradation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

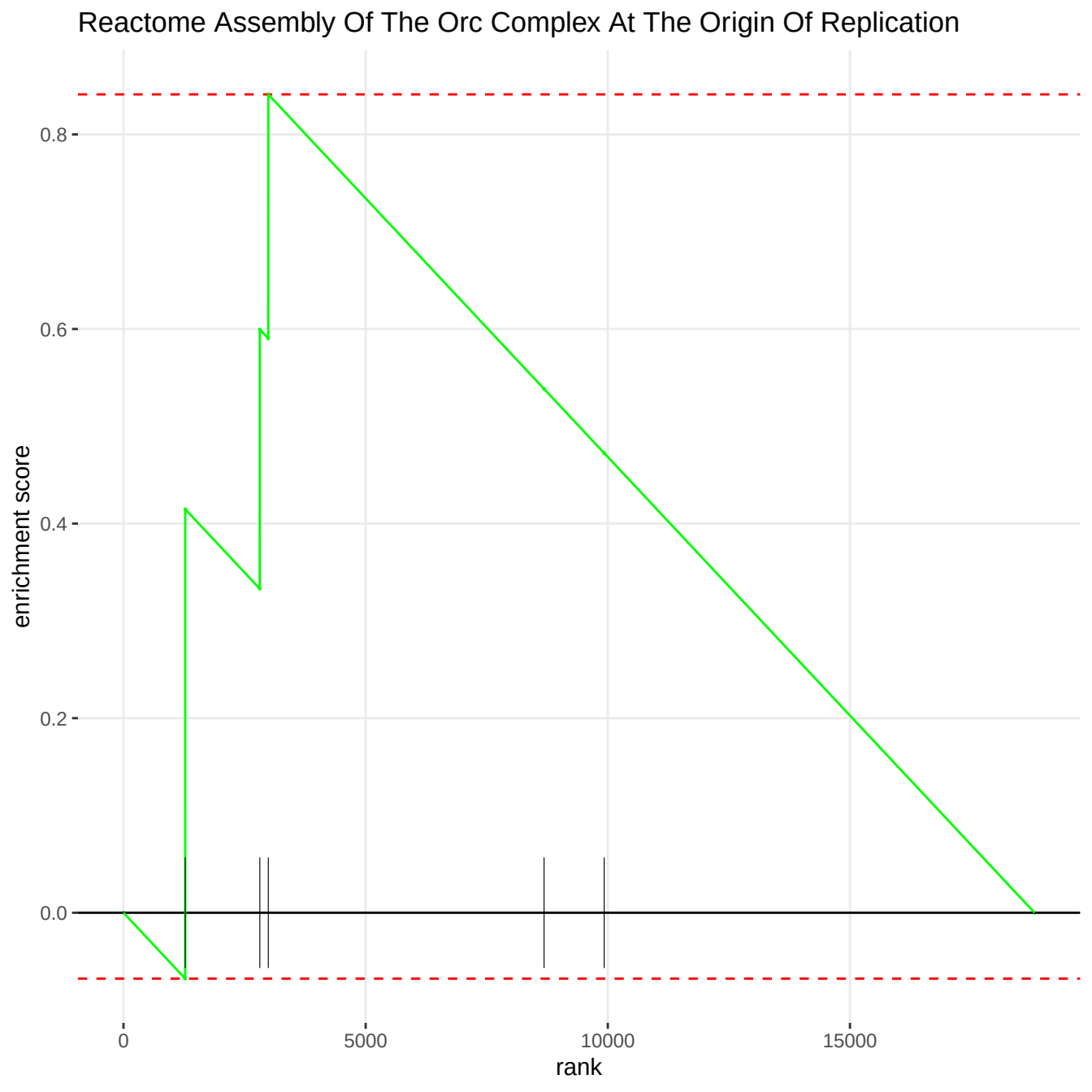
Reactome Antiviral Mechanism By Ifn Stimulated Genes
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

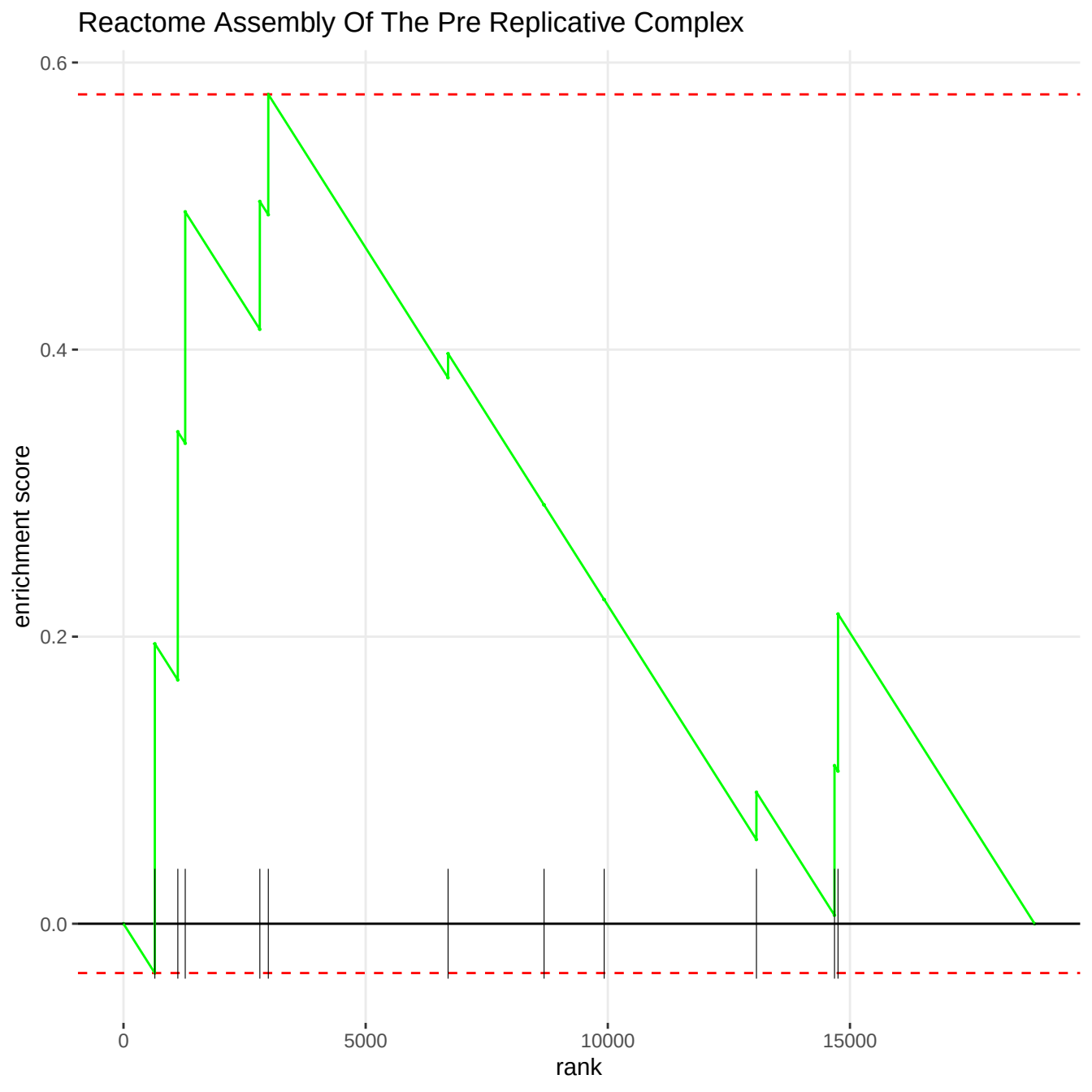

Reactome Anti Inflammatory Response Favouring Leishmania Parasite Infection
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

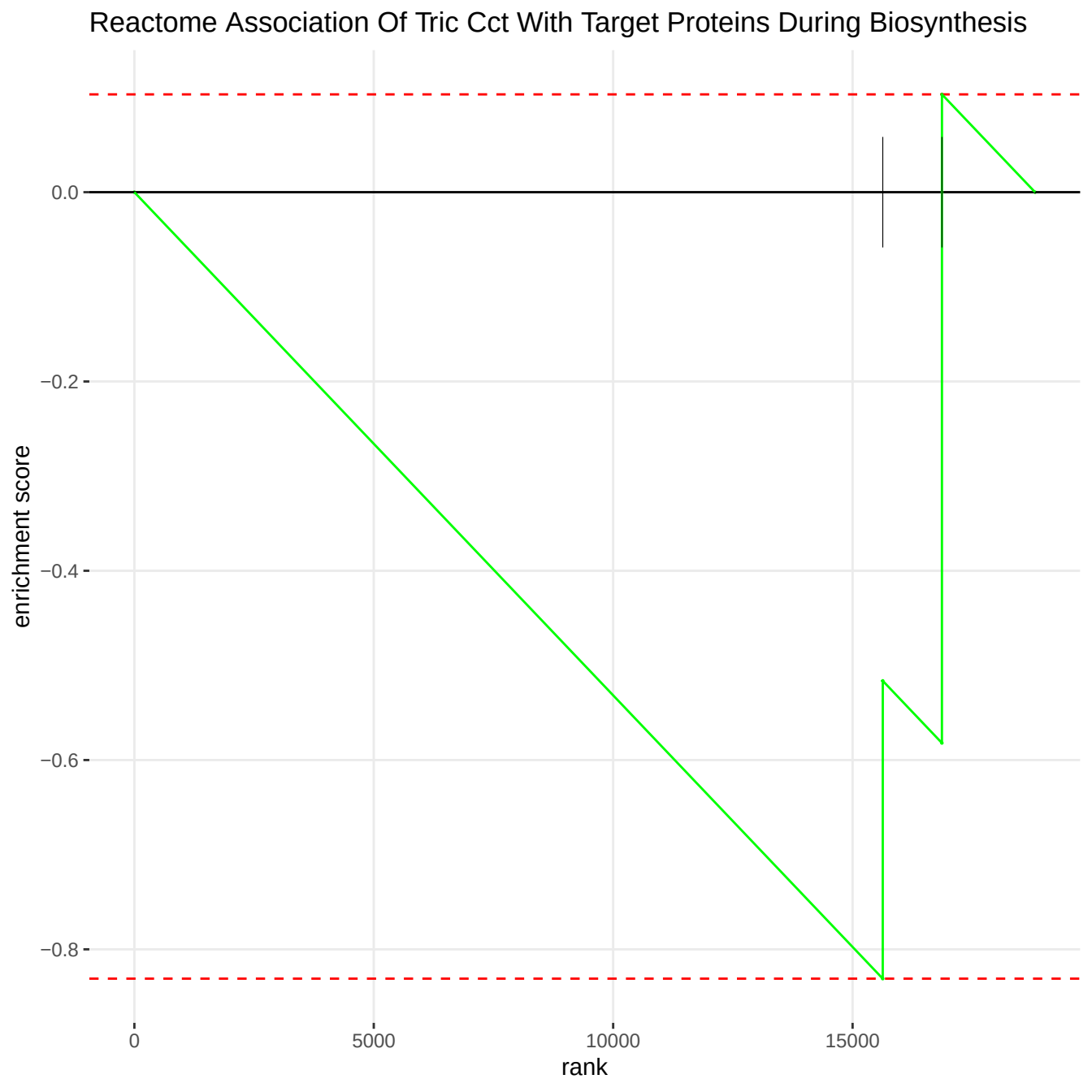

Reactome Apc C Mediated Degradation Of Cell Cycle Proteins
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

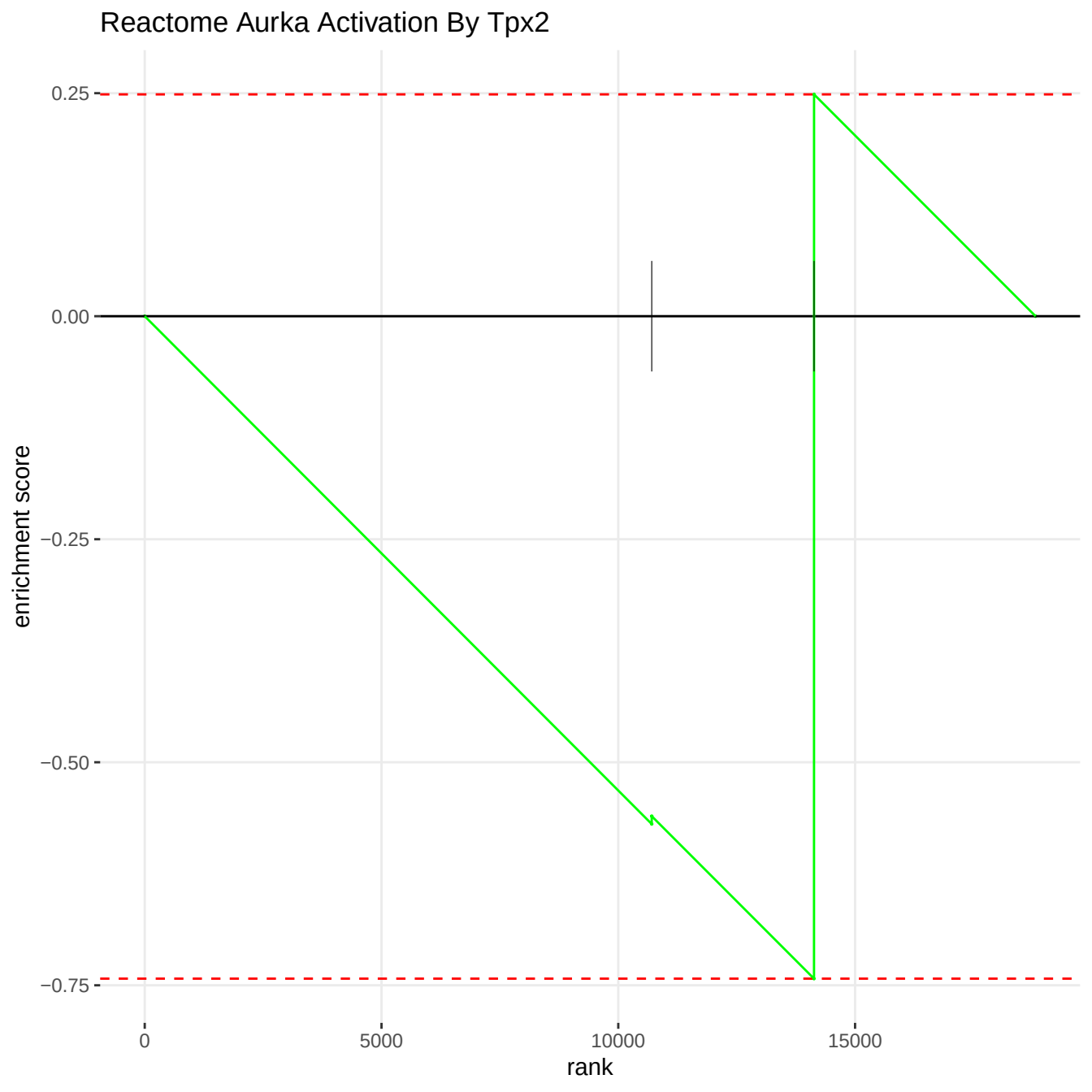

Reactome Arachidonic Acid Metabolism
0.25
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

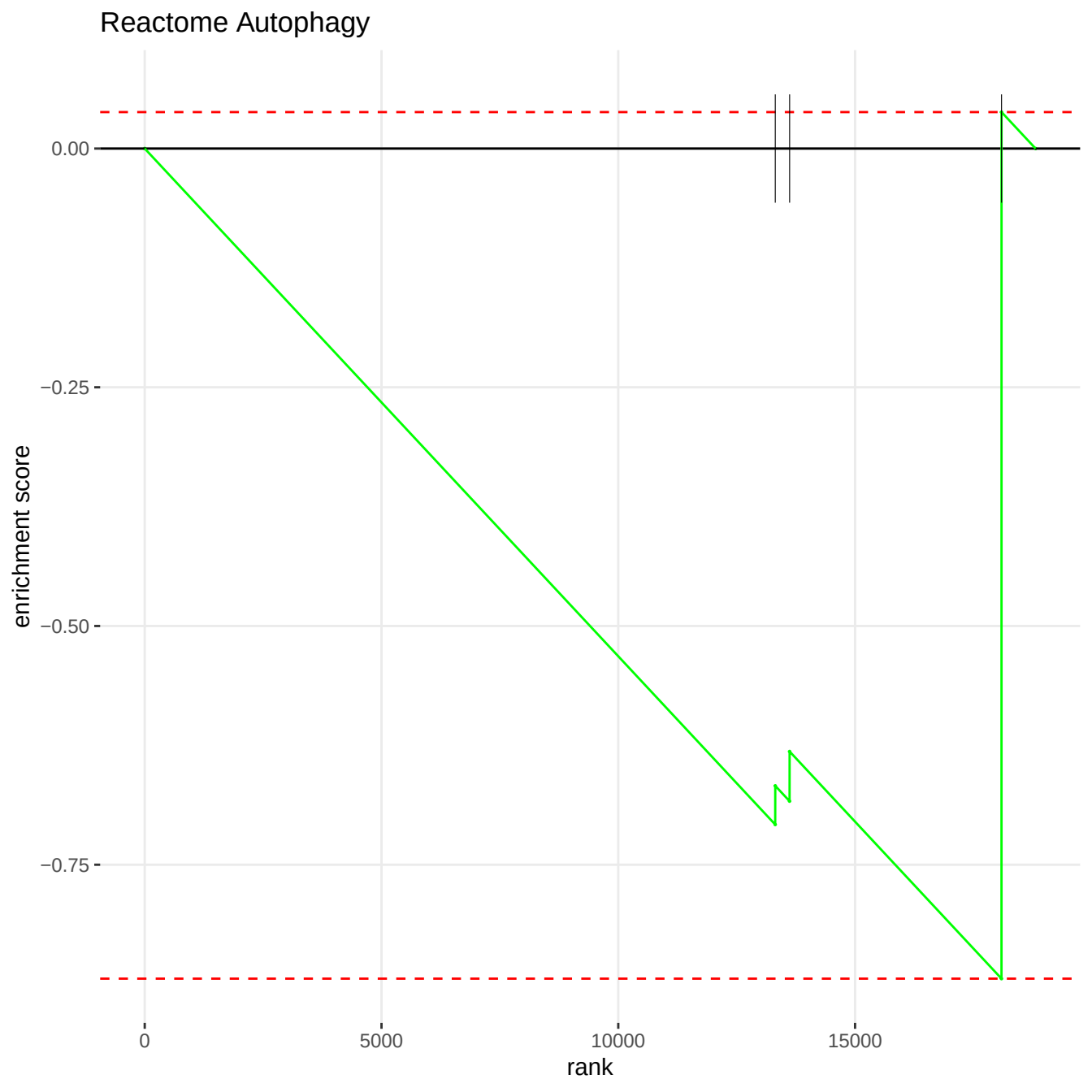

Reactome Asparagine N Linked Glycosylation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

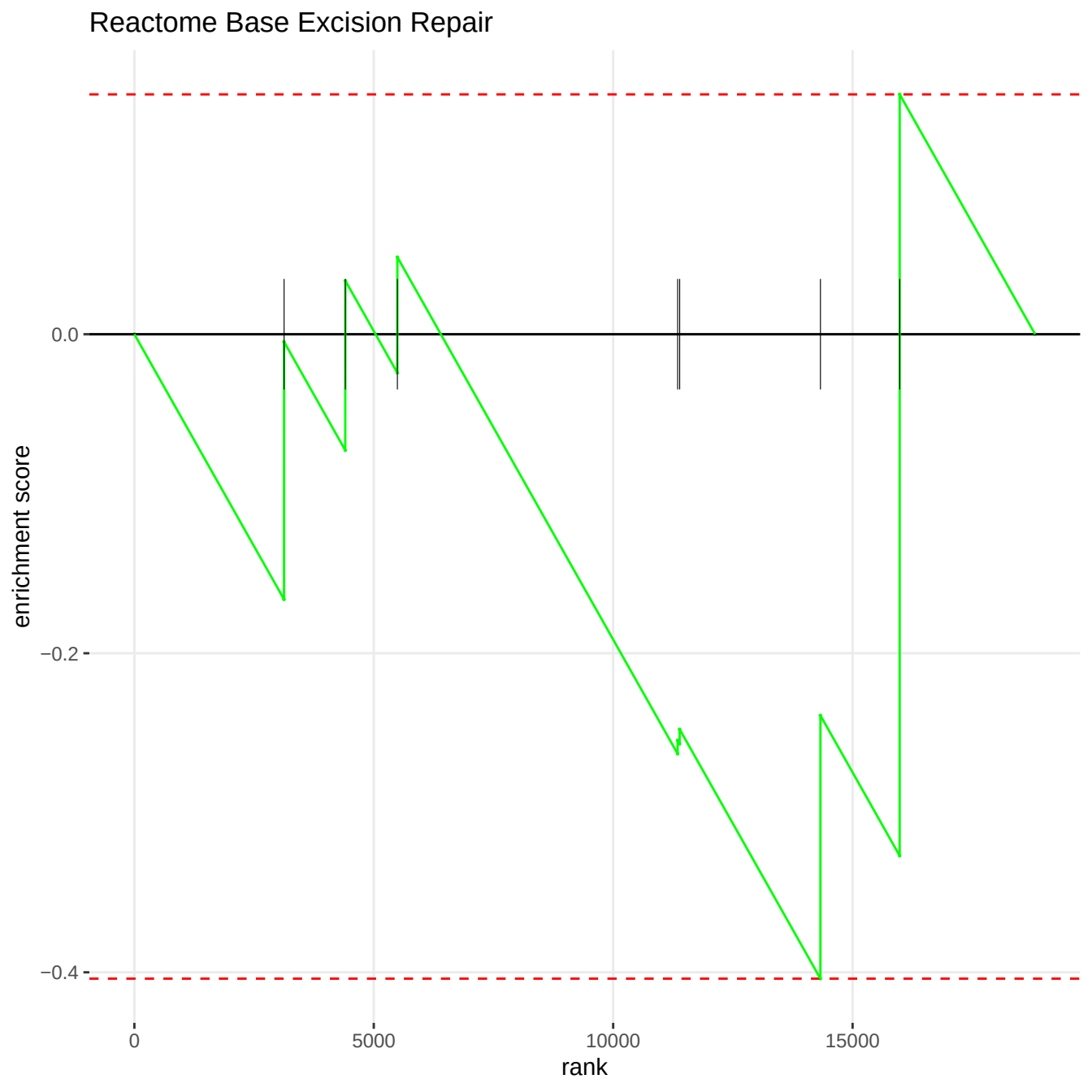

Reactome Assembly Of The Orc Complex At The Origin Of Replication
enrichment score
0.8
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

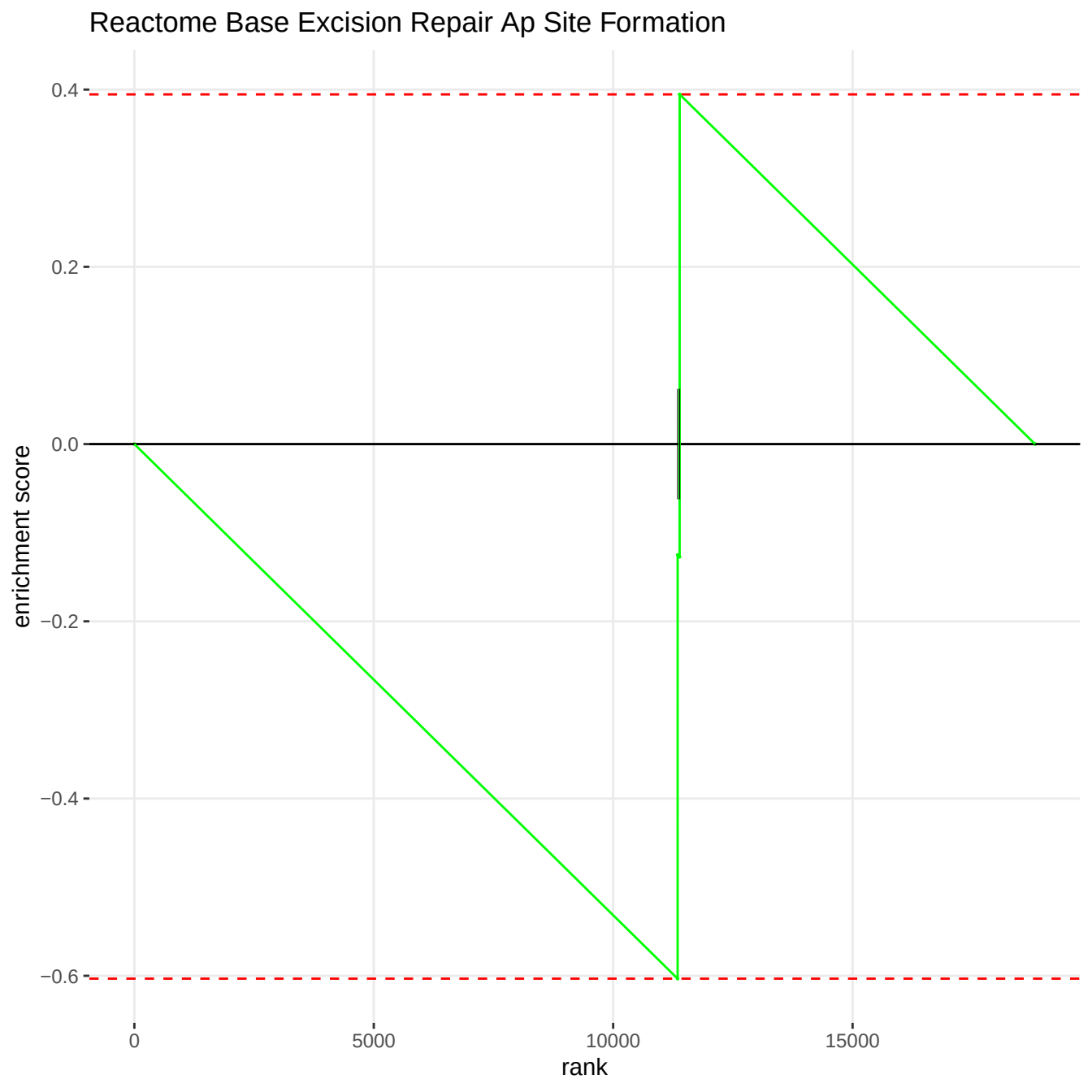

Reactome Assembly Of The Pre Replicative Complex
0.6
0.4
0.2
0.0
enrichment score
0
5000
10000
15000
rank

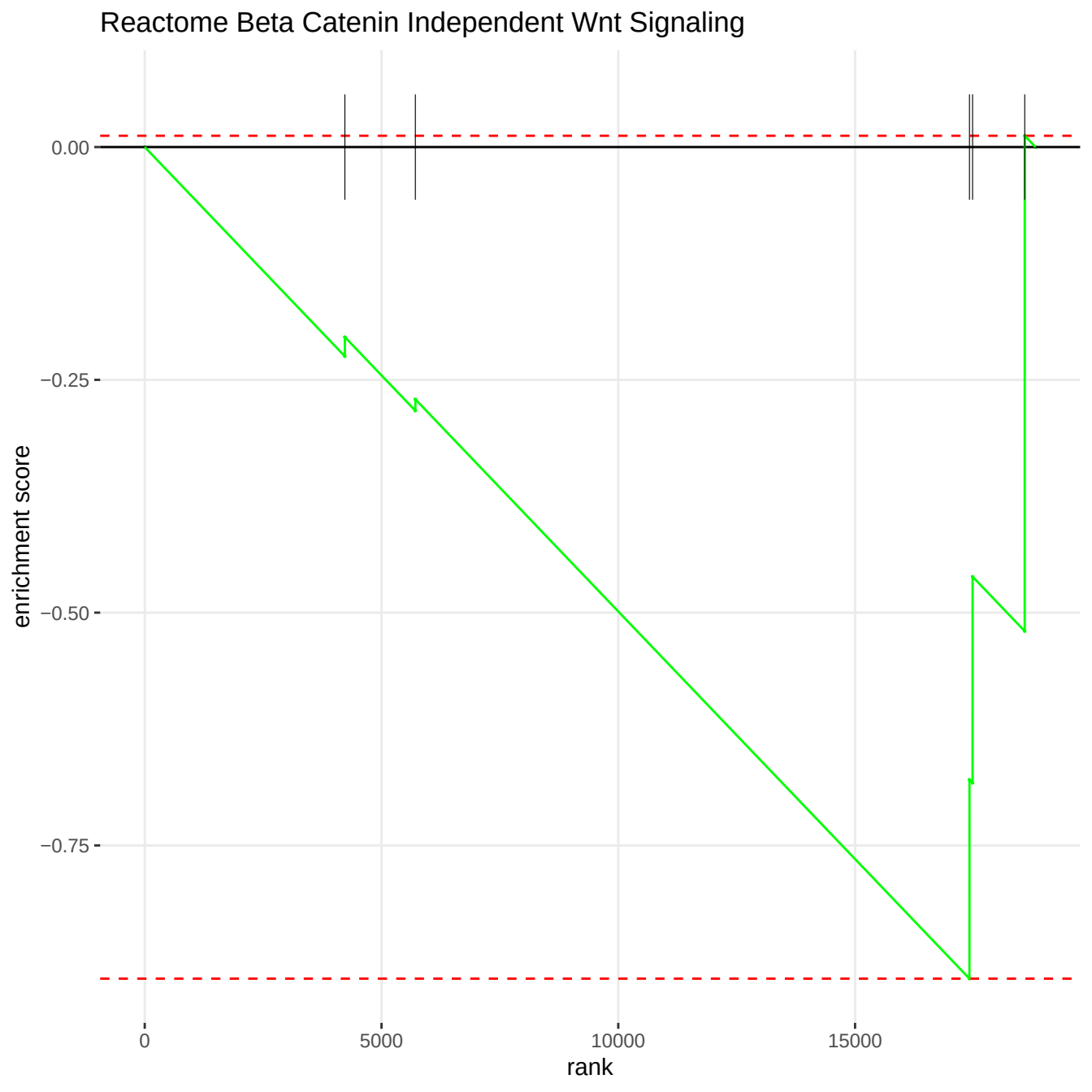

Reactome Association Of Tric Cct With Target Proteins During Biosynthesis
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

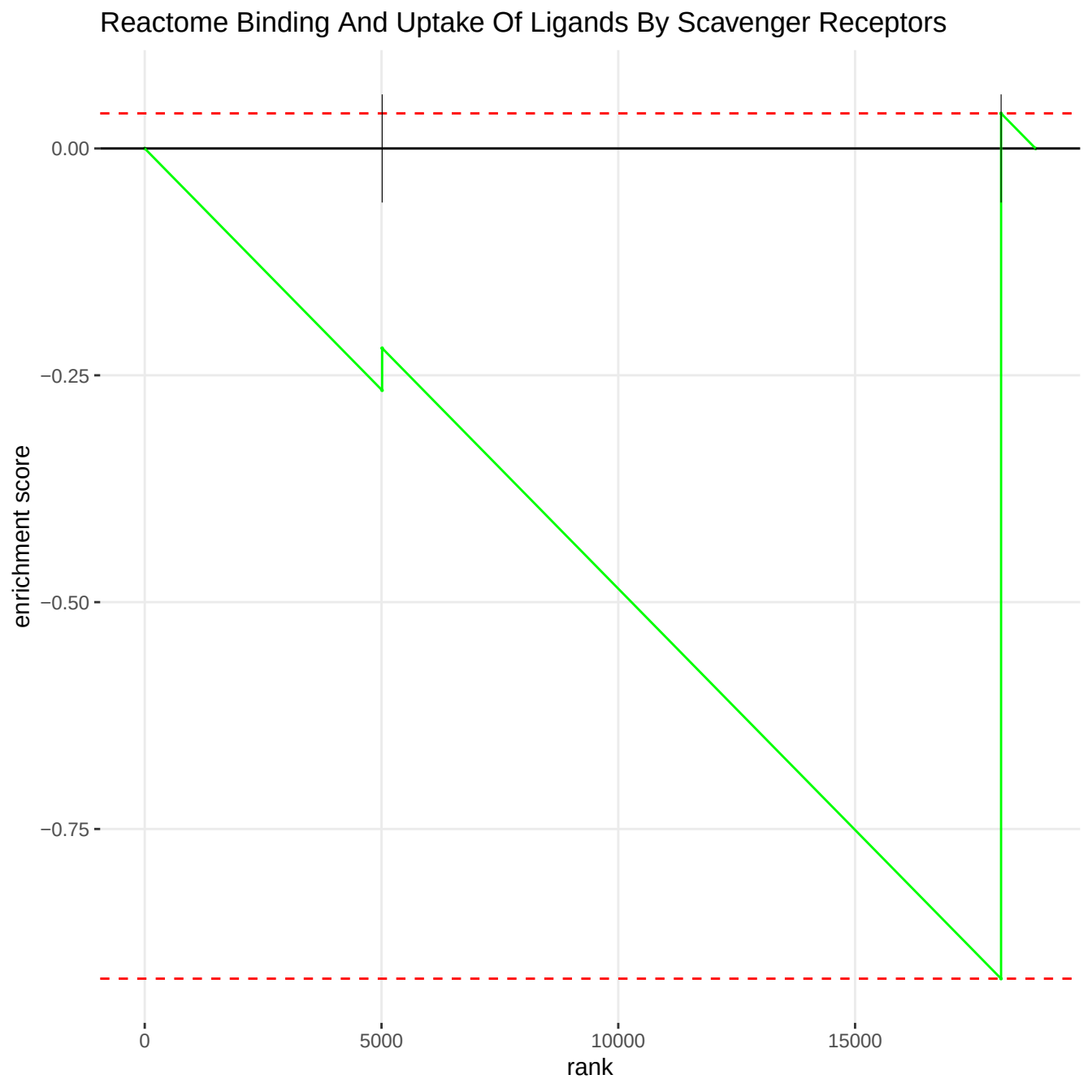

Reactome Aurka Activation By Tpx2
0.25
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Autophagy
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

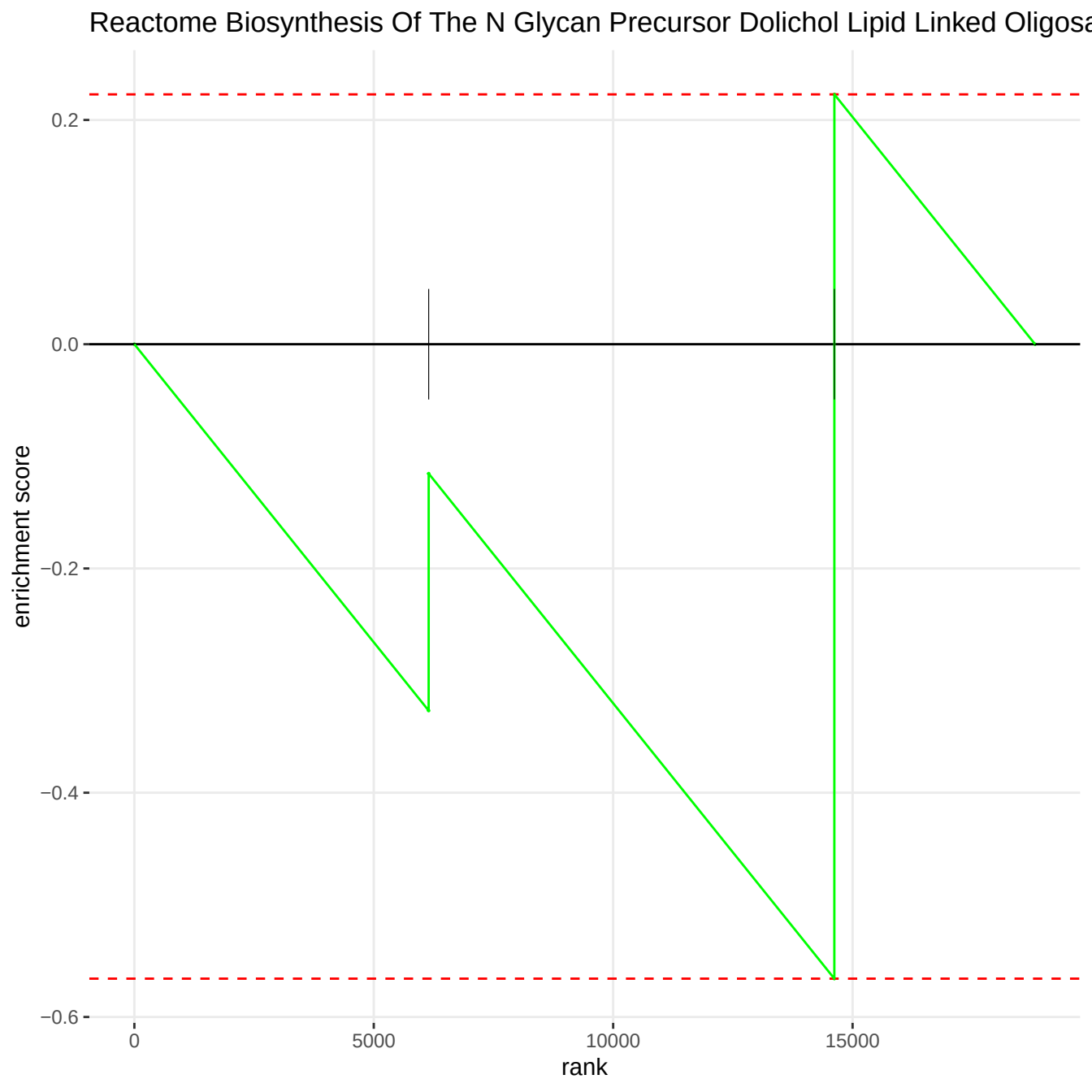

Reactome Base Excision Repair
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

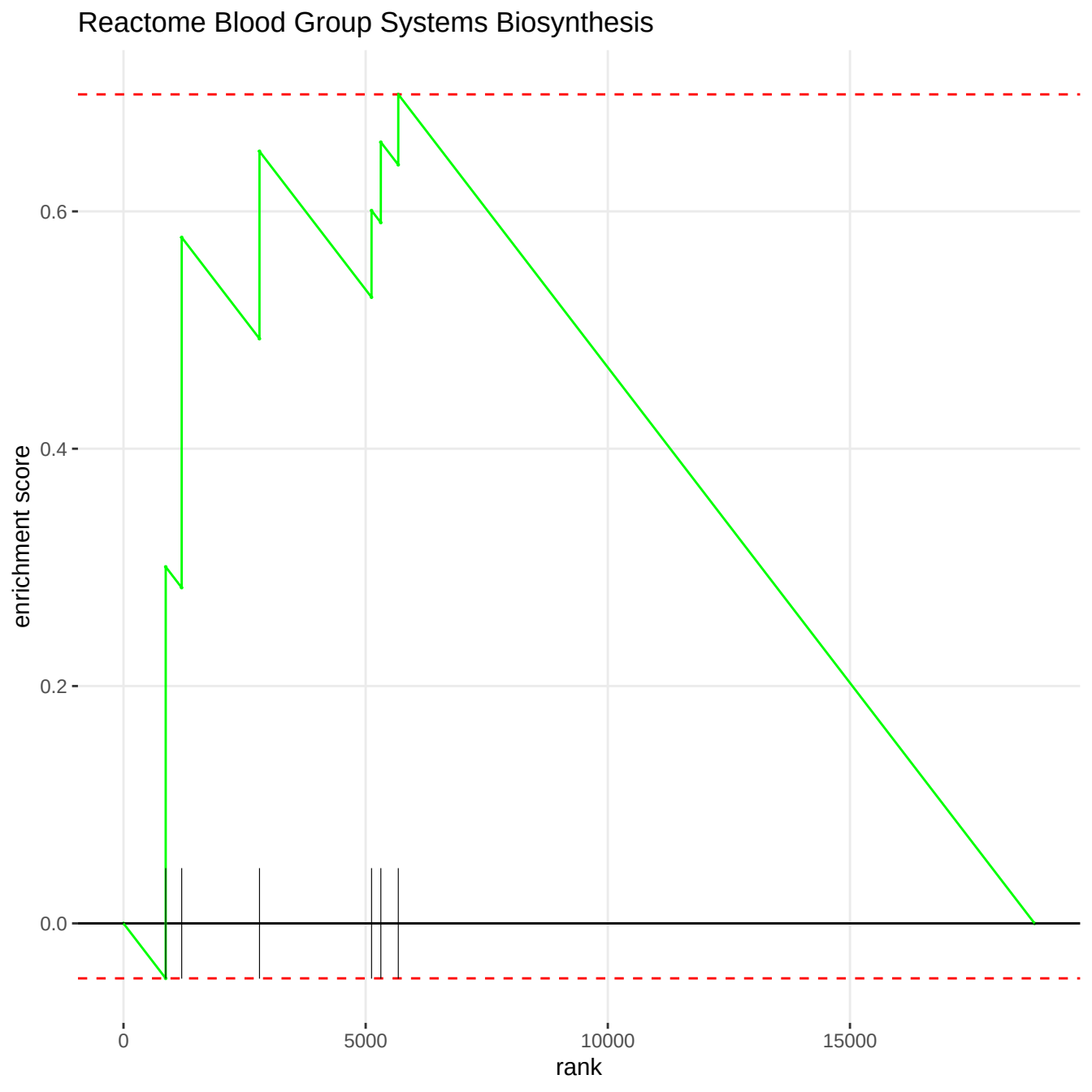

Reactome Base Excision Repair Ap Site Formation
0.4
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

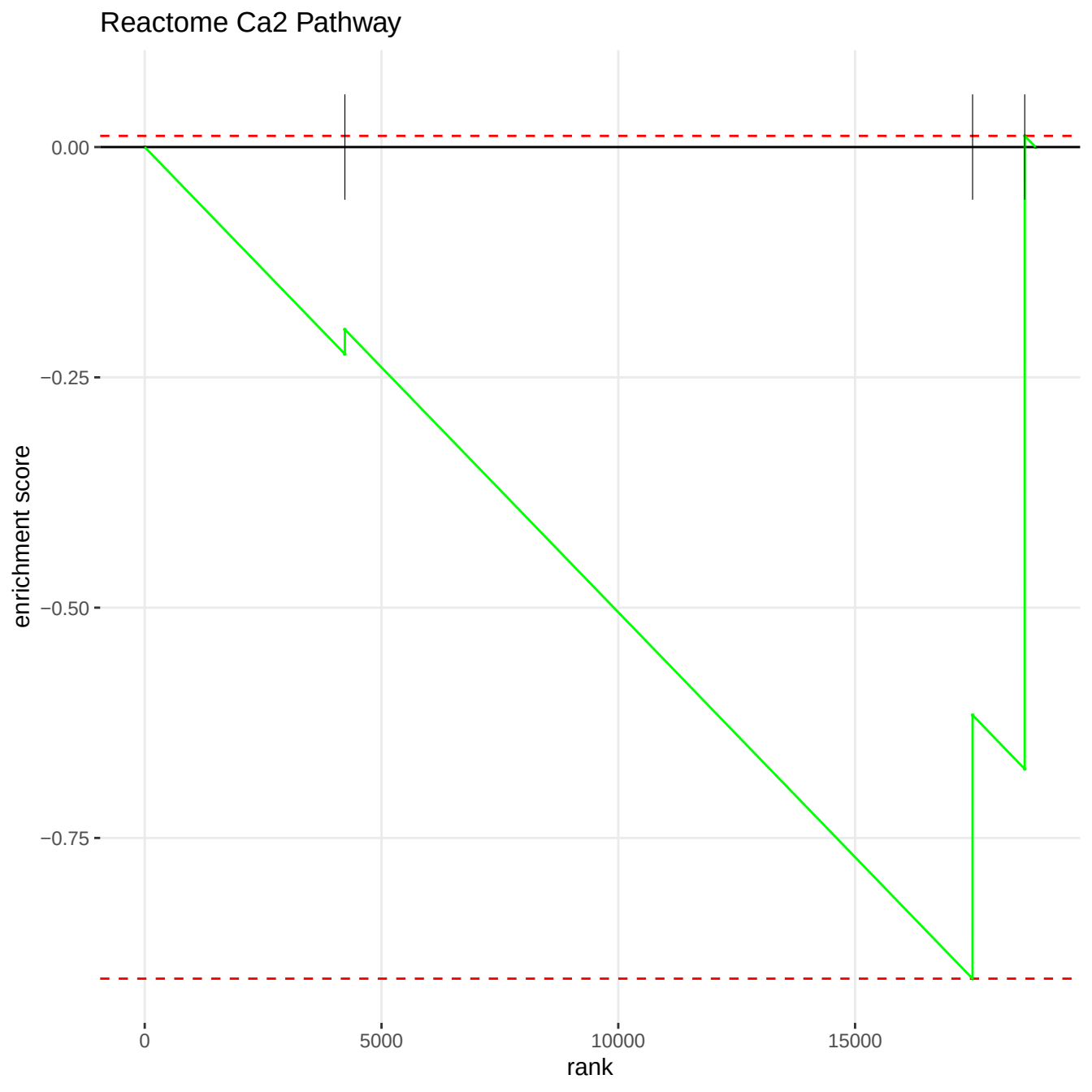

Reactome Beta Catenin Independent Wnt Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Binding And Uptake Of Ligands By Scavenger Receptors
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

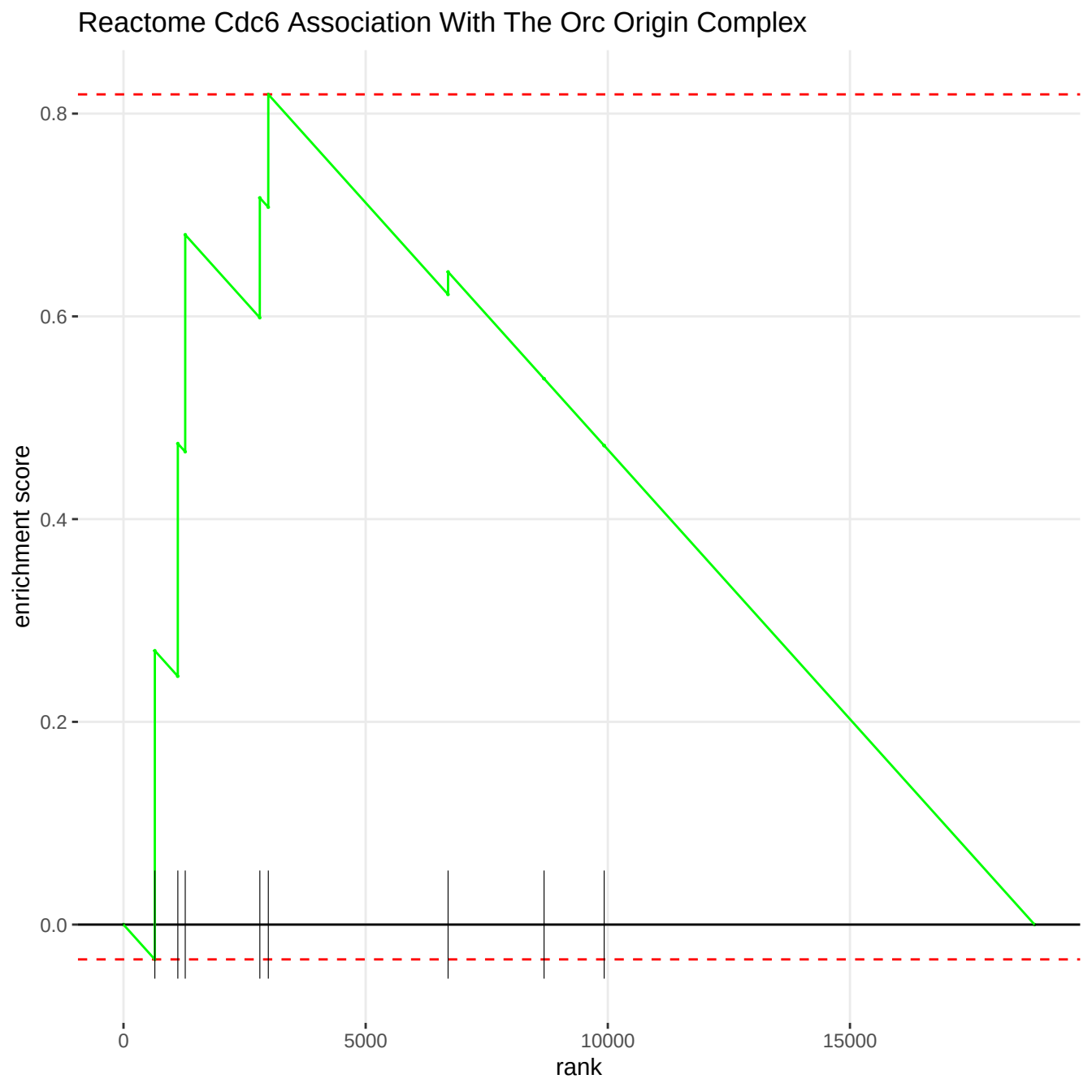
Reactome Biological Oxidations
0.25
0.00
−0.25
enrichment score
0
5000
10000
15000
rank

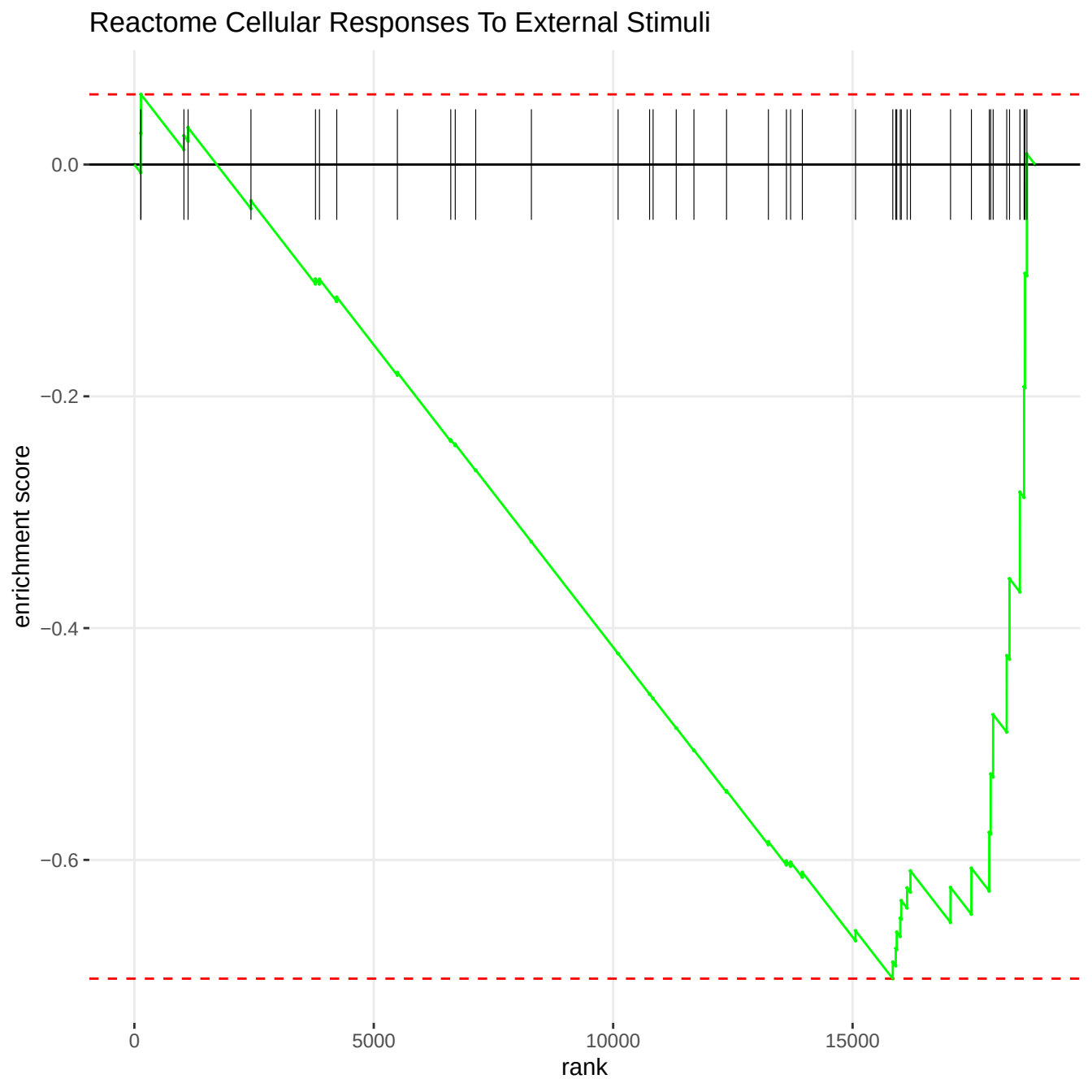

Reactome Biosynthesis Of The N Glycan Precursor Dolichol Lipid Linked Oligosa
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Blood Group Systems Biosynthesis
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

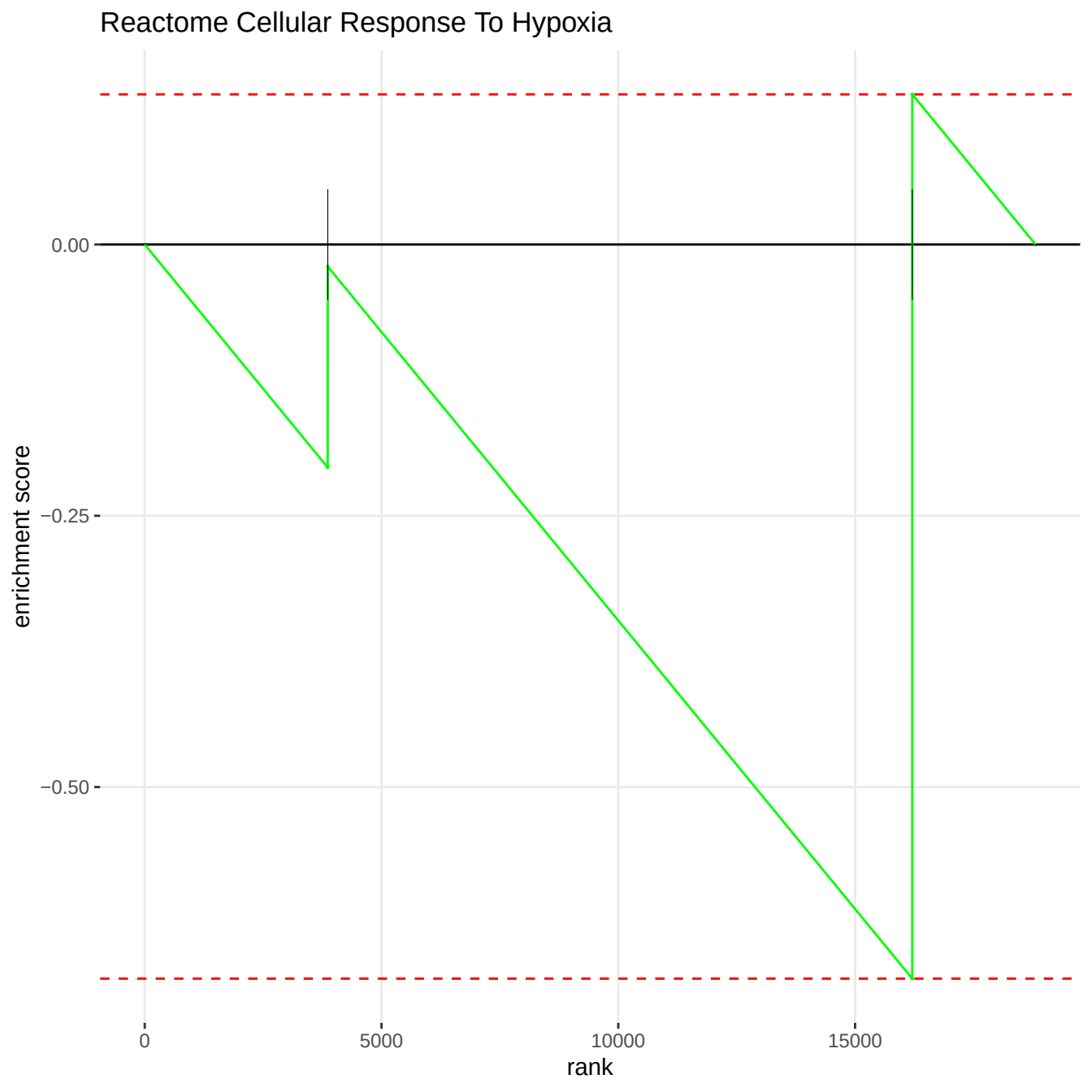

Reactome Ca2 Pathway
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

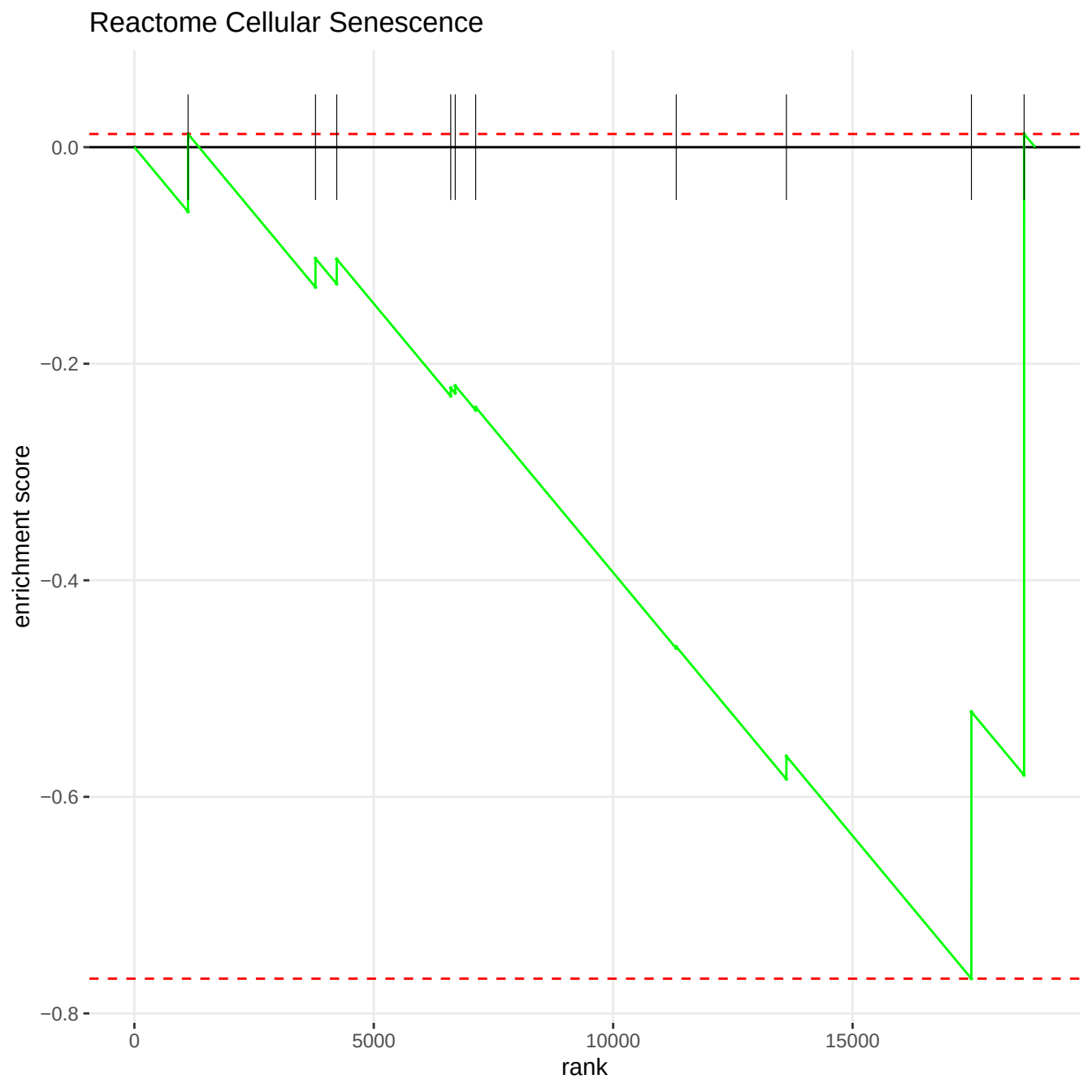
Reactome Cargo Trafficking To The Periciliary Membrane
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Cdc6 Association With The Orc Origin Complex
enrichment score
0.8
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

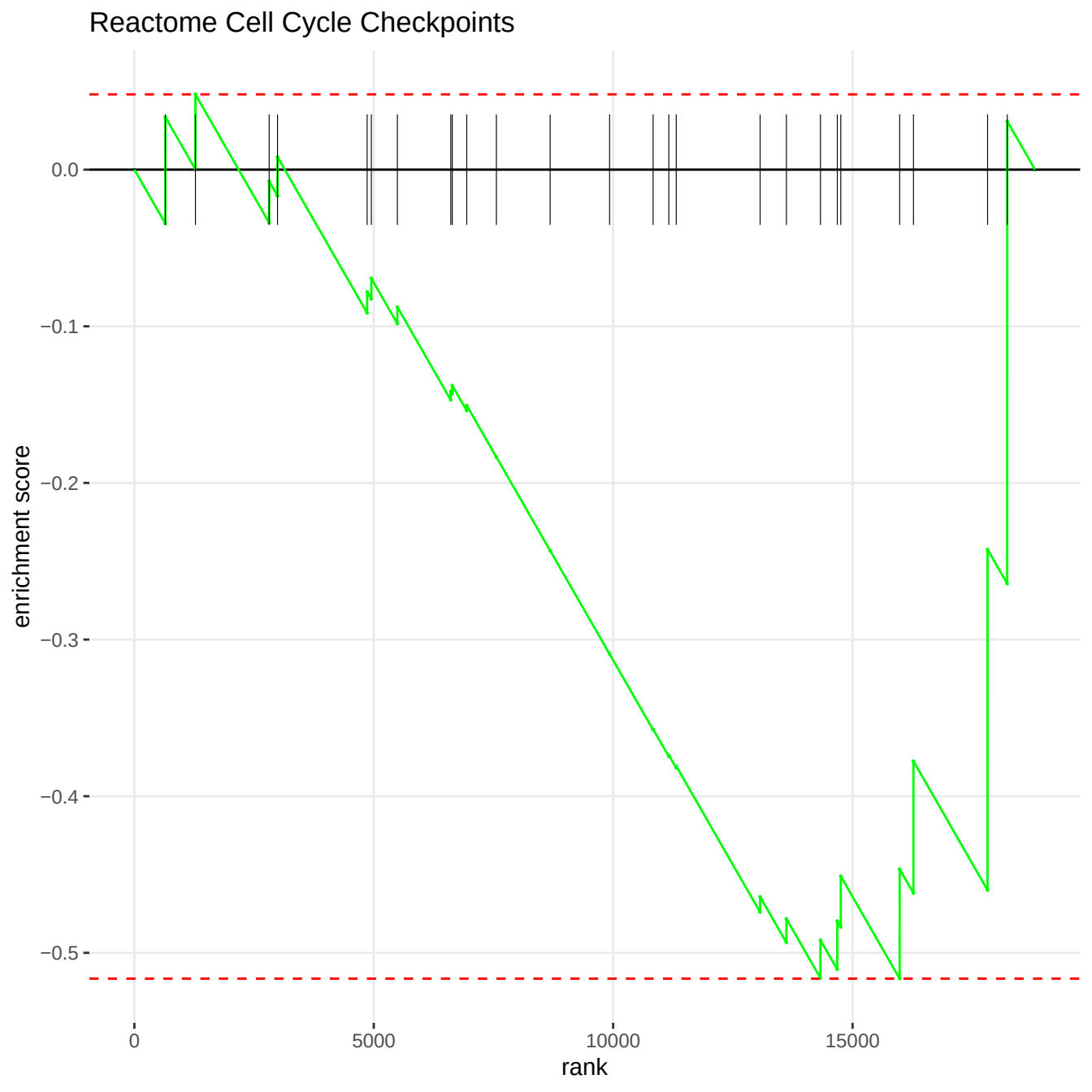

Reactome Cellular Responses To External Stimuli
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

Reactome Cellular Response To Heat Stress
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Cellular Response To Hypoxia
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank


Reactome Cellular Senescence
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

Reactome Cell Cycle
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Cell Cycle Checkpoints
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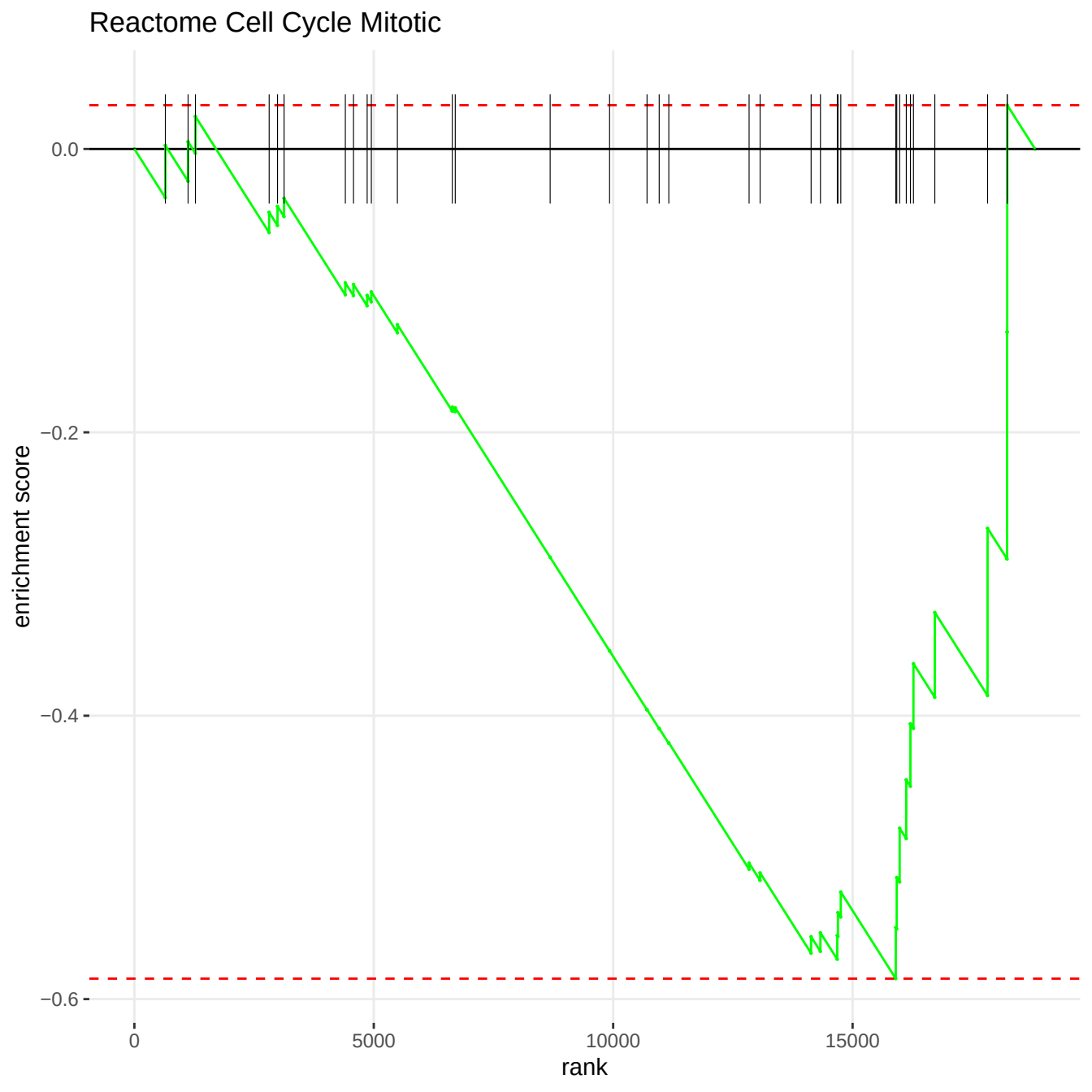
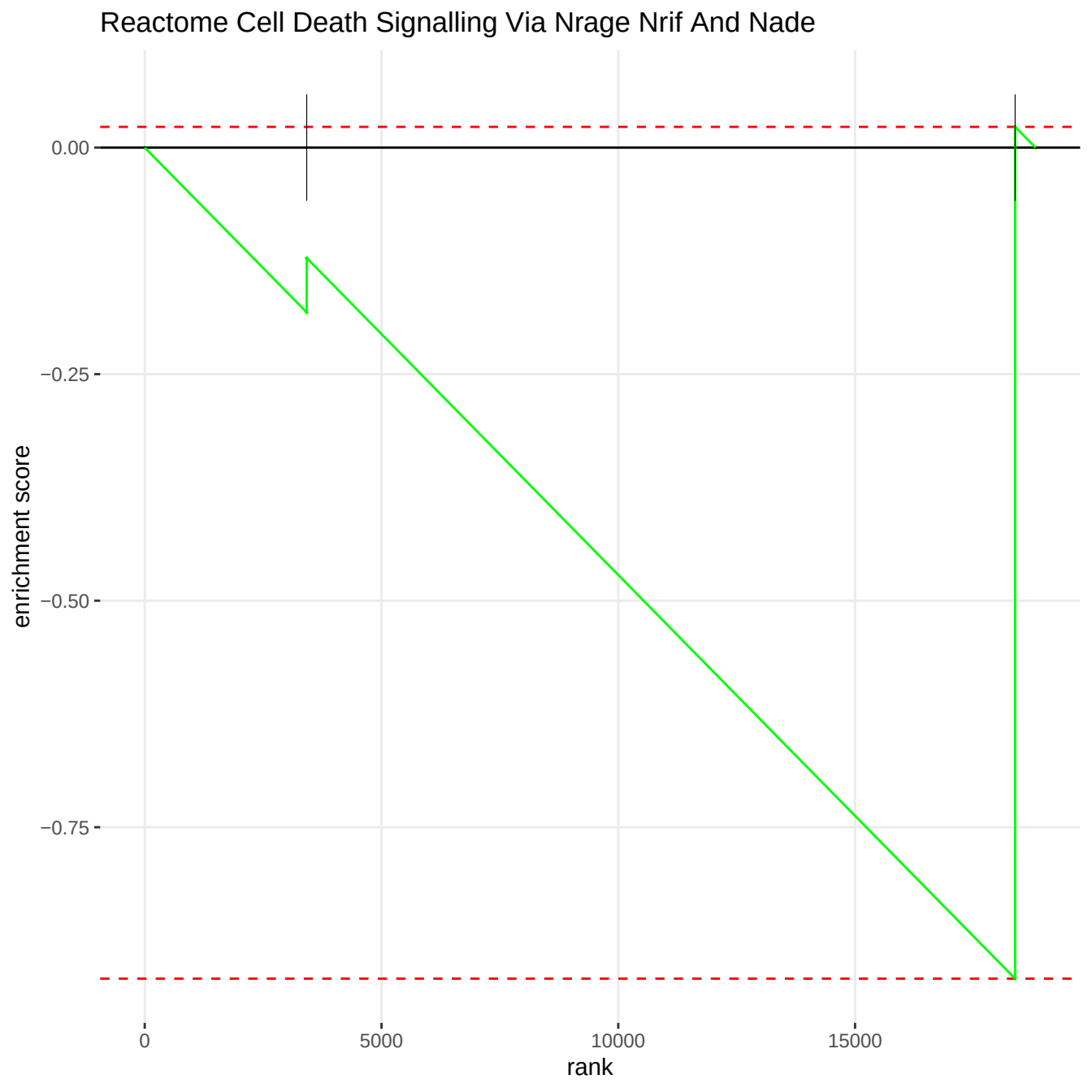
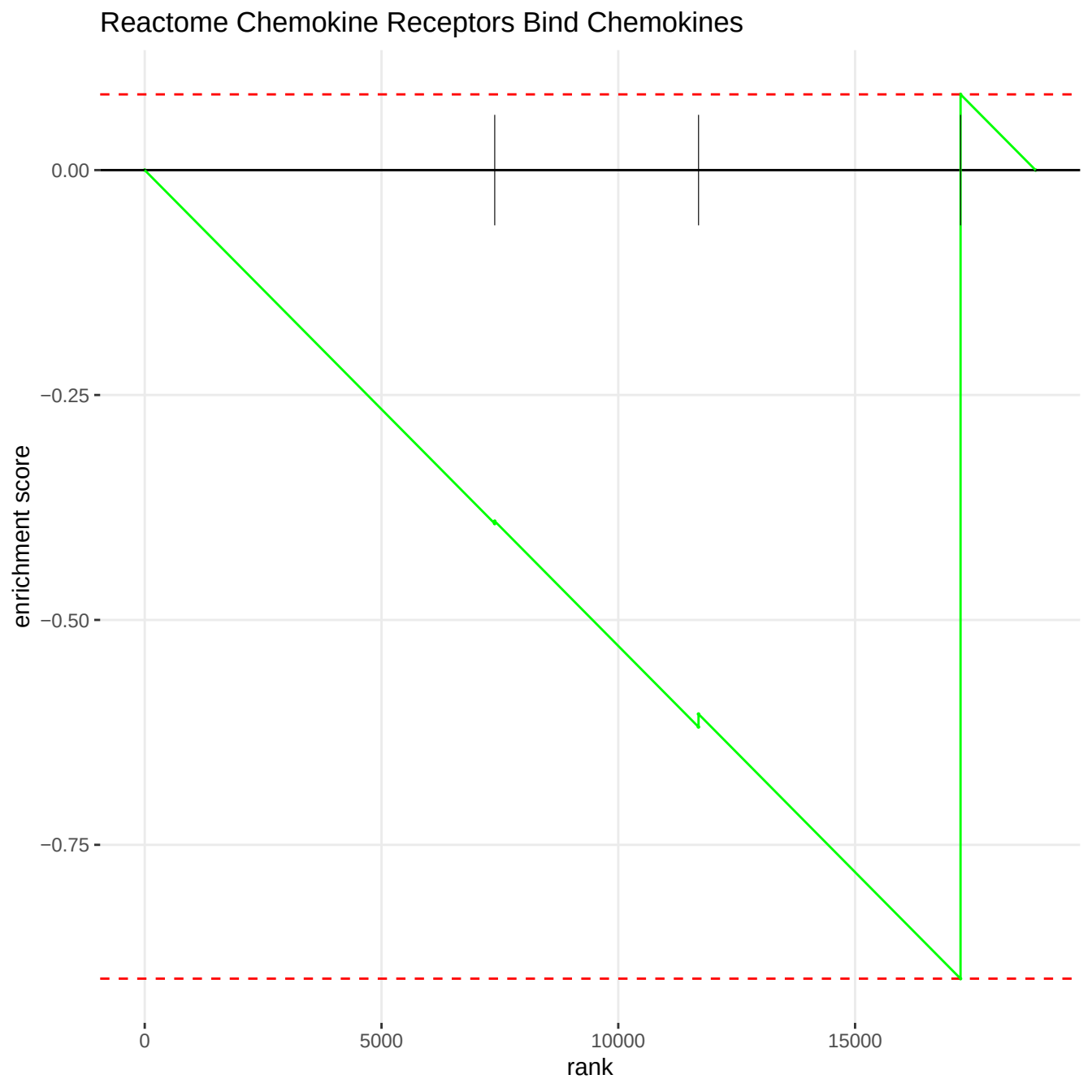
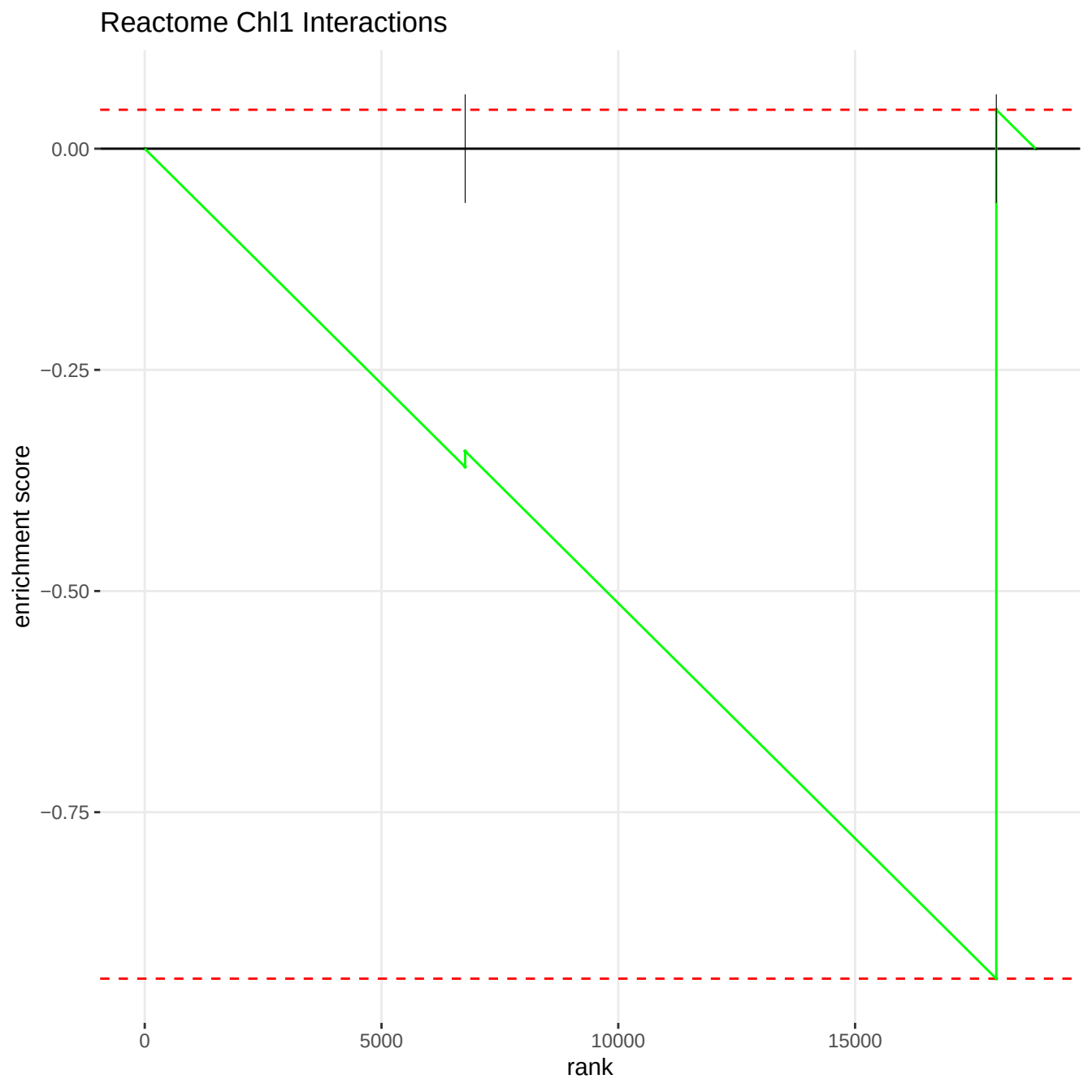
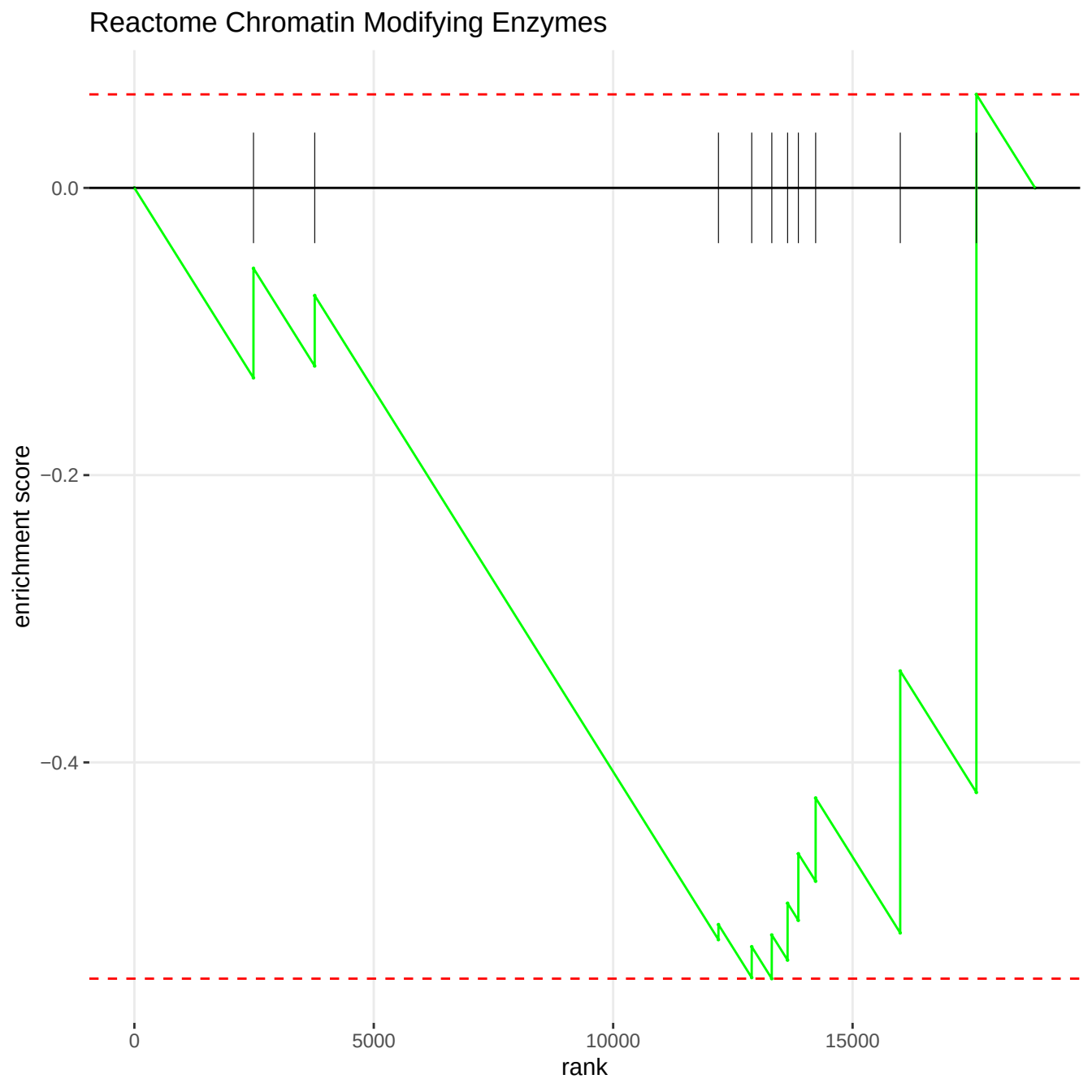
−0.2
−0.3
−0.4
−0.5
enrichment score
0
5000
10000
15000
rank


Reactome Cell Cycle Mitotic
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

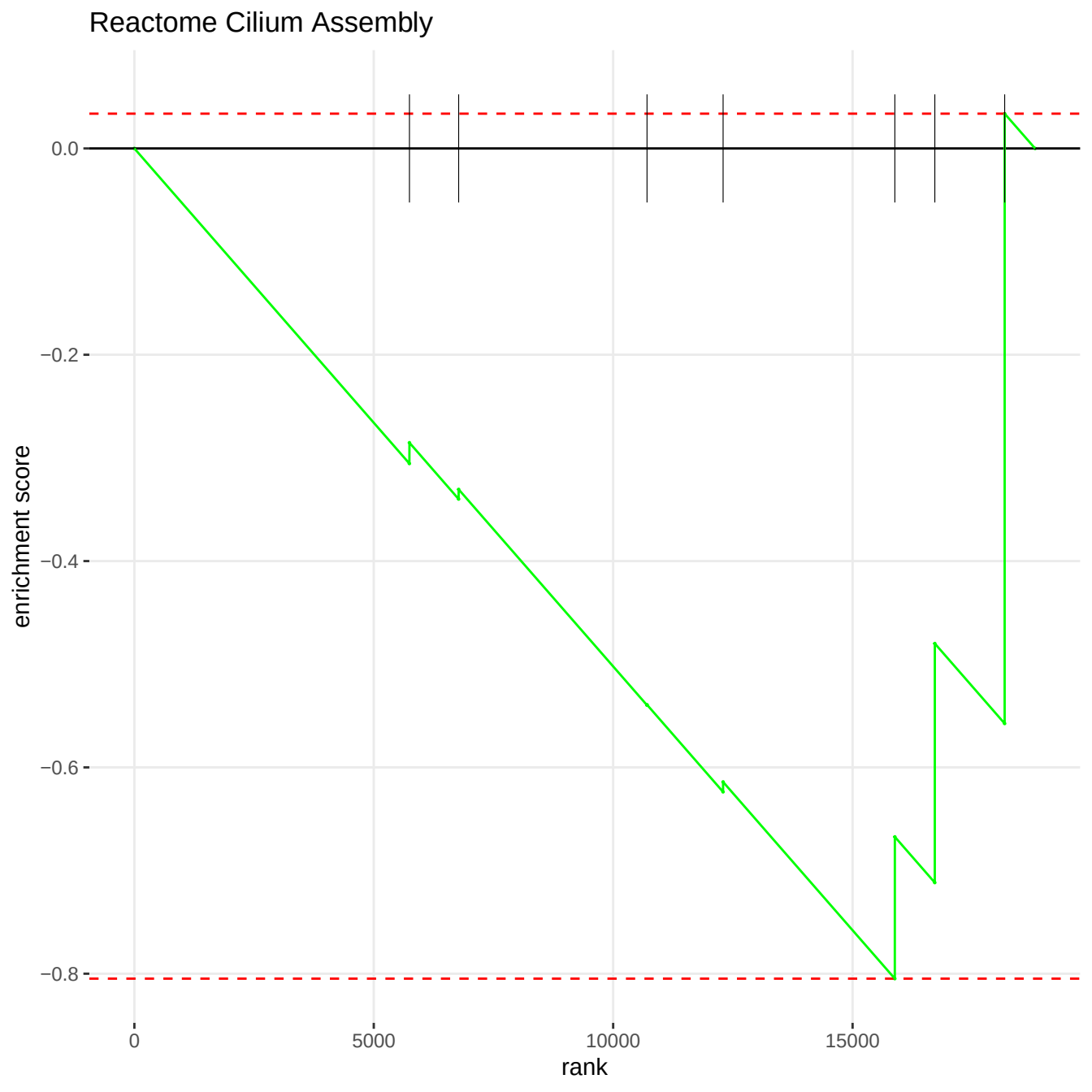

Reactome Cell Death Signalling Via Nrage Nrif And Nade
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

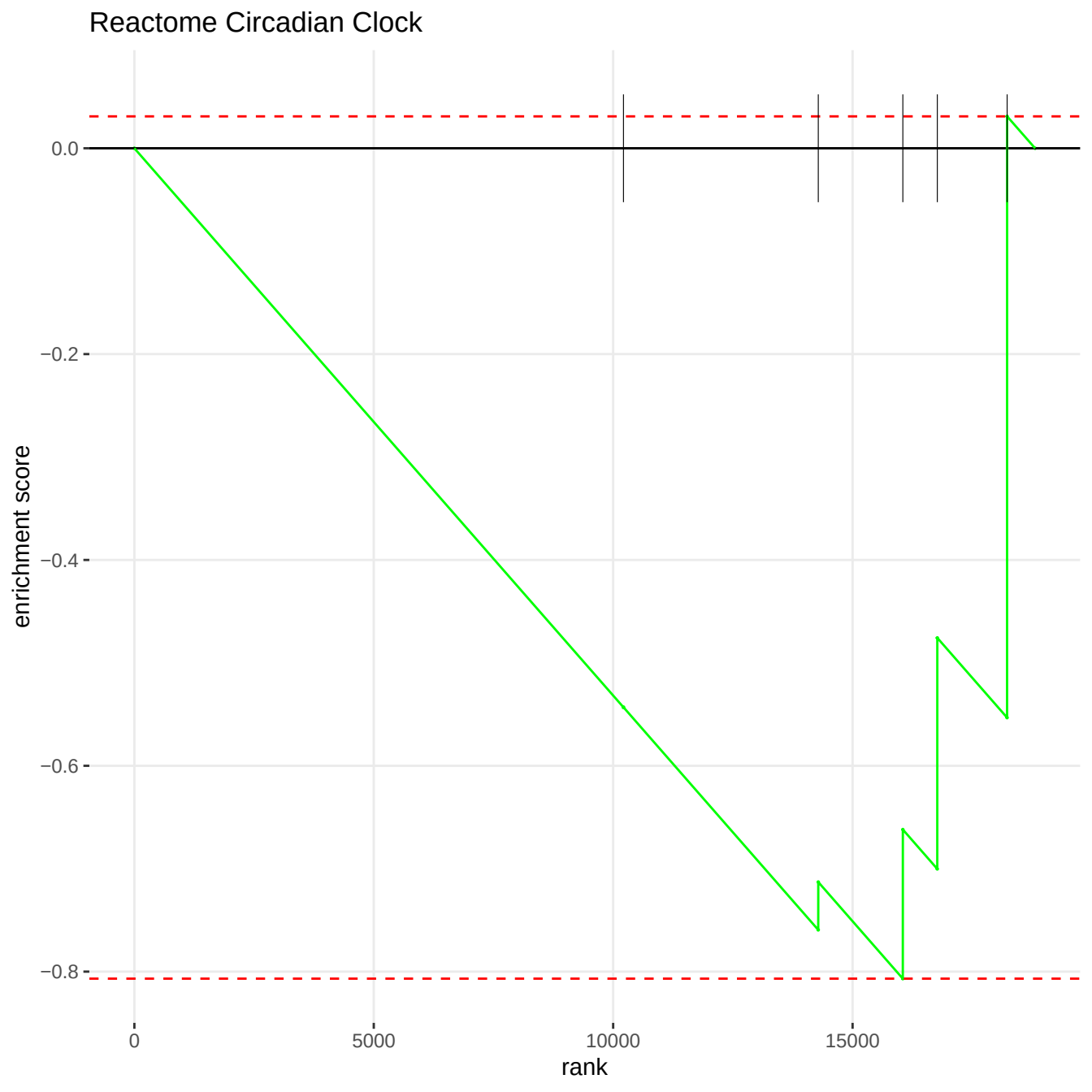

Reactome Chemokine Receptors Bind Chemokines
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

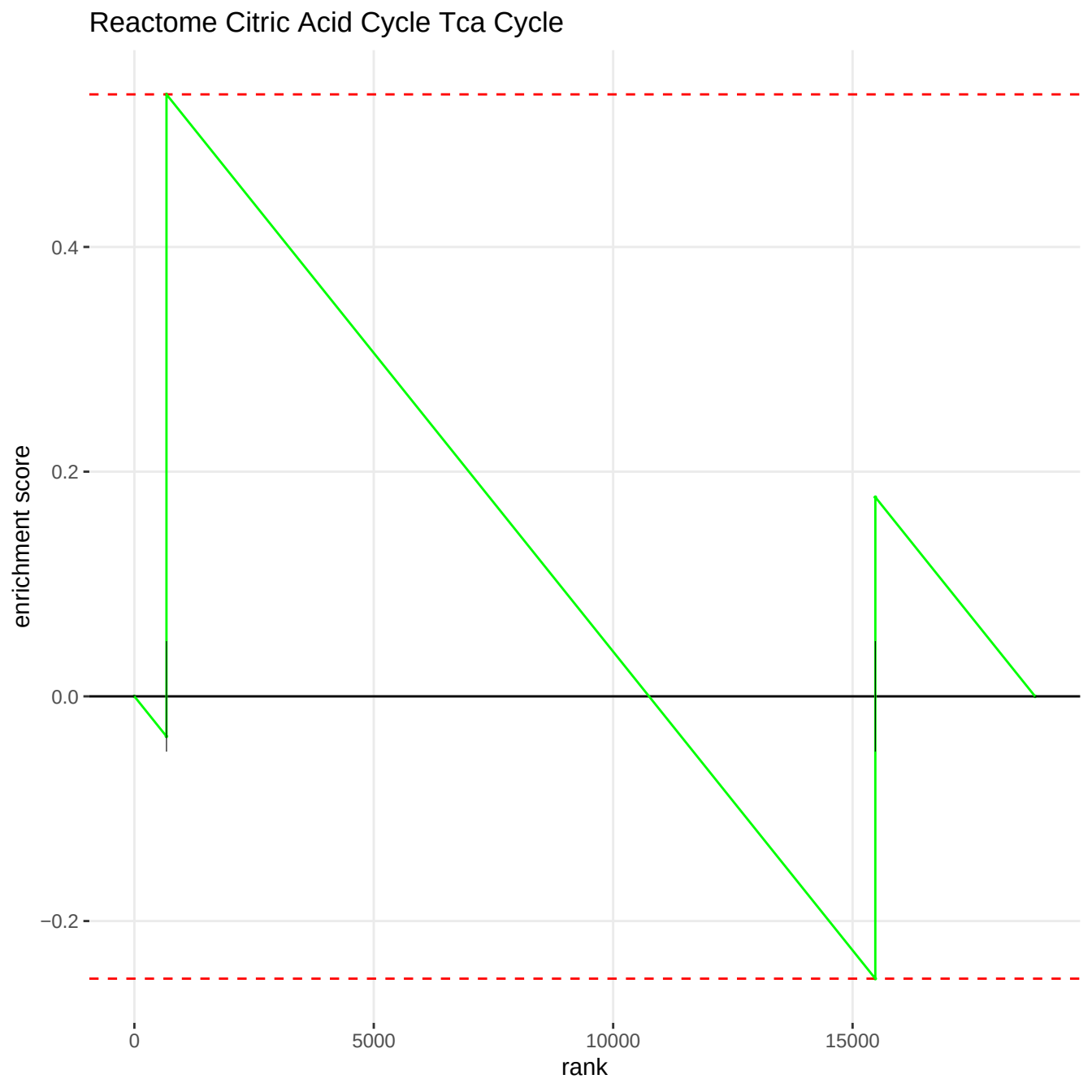

Reactome Chl1 Interactions
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Chromatin Modifying Enzymes
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

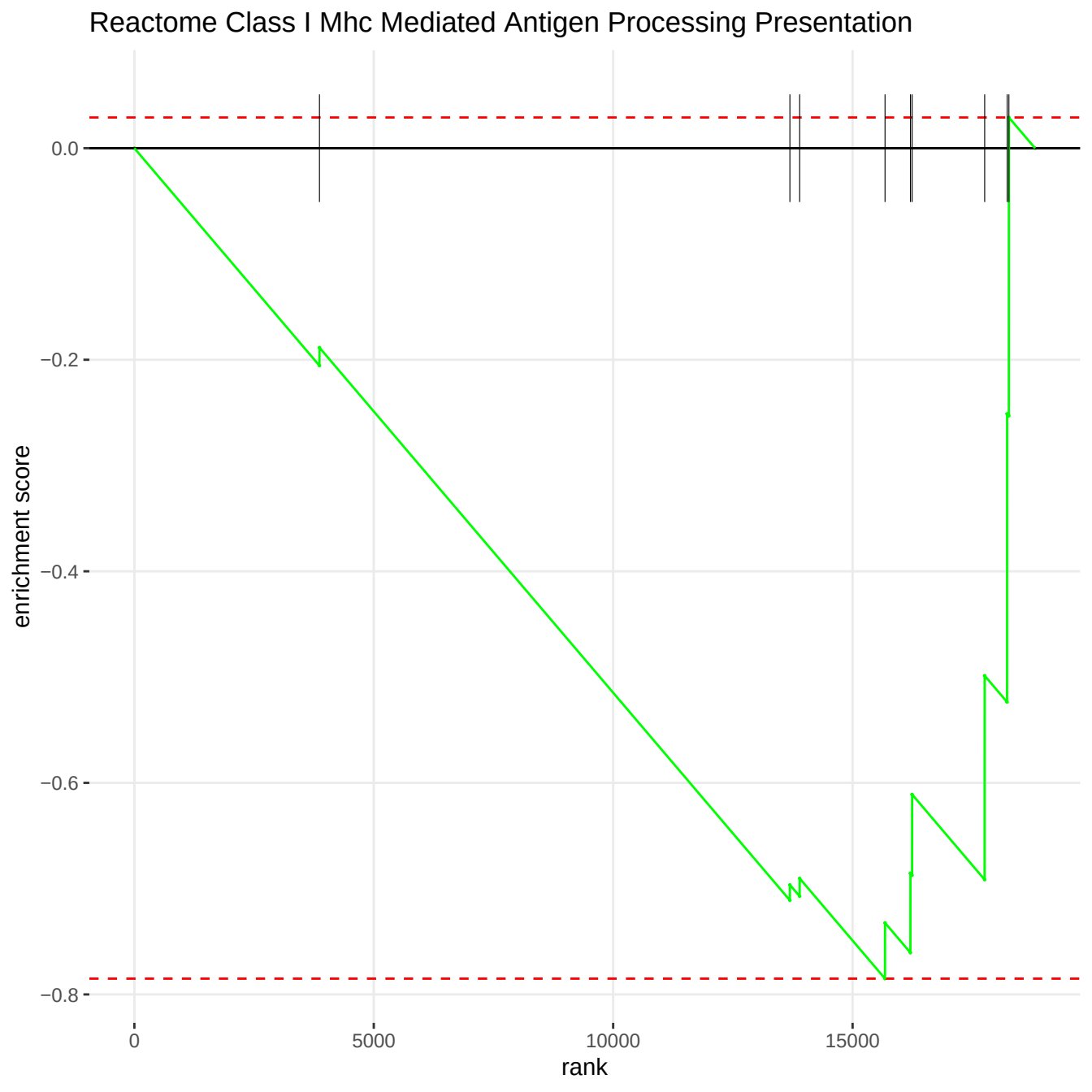
Reactome Chromosome Maintenance
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Cilium Assembly
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

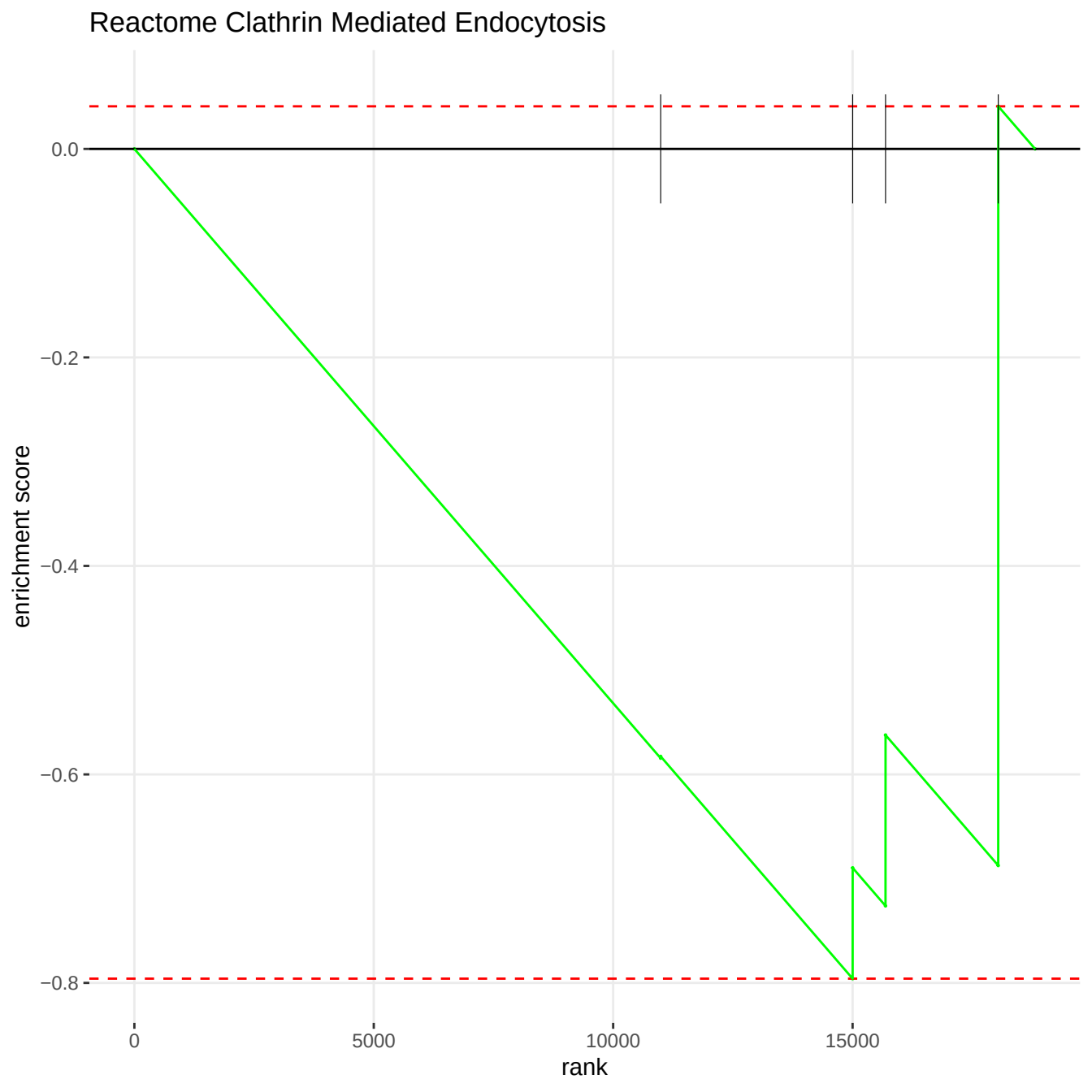

Reactome Circadian Clock
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

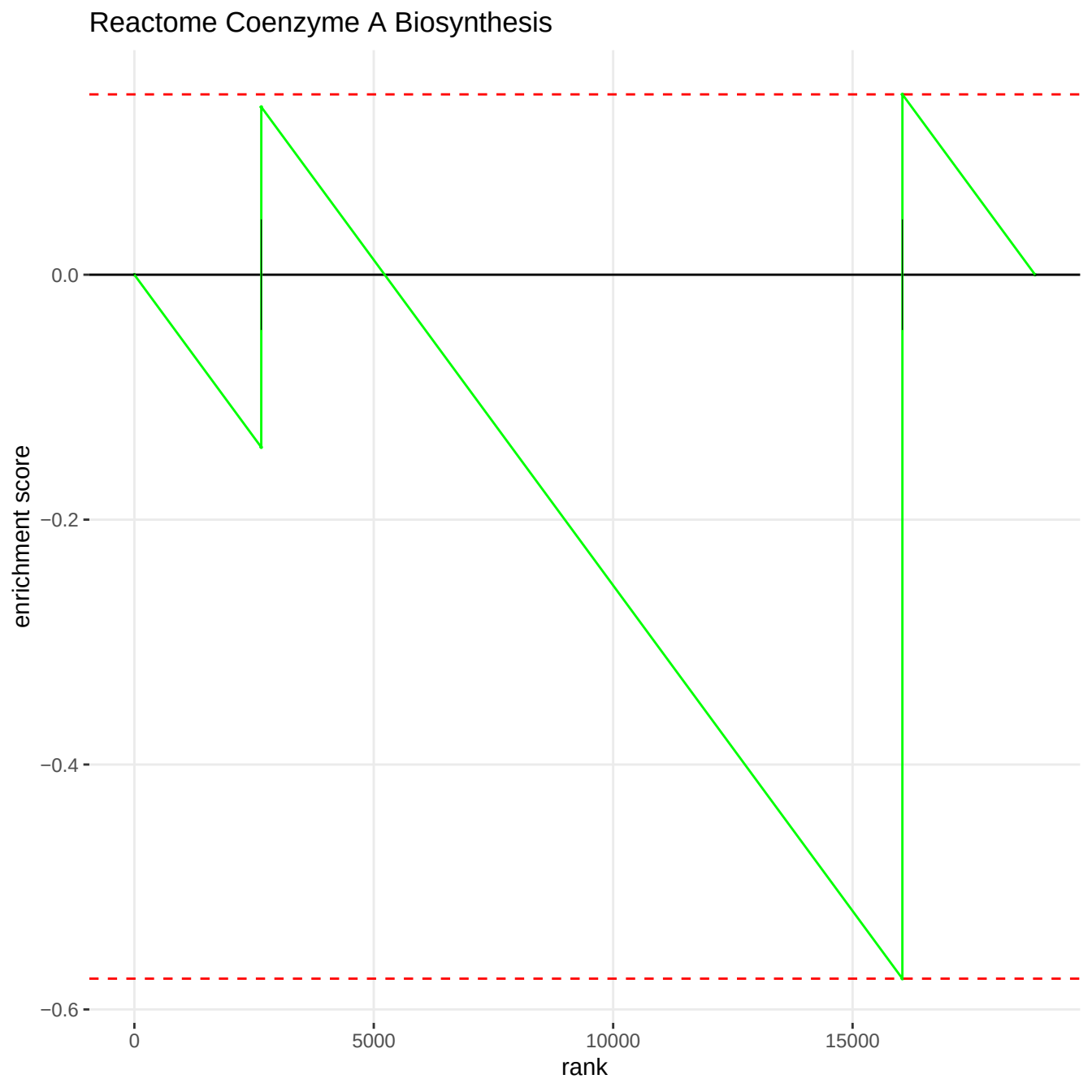

Reactome Citric Acid Cycle Tca Cycle
enrichment score
0.4
0.2
0.0
−0.2
0
5000
10000
15000
rank

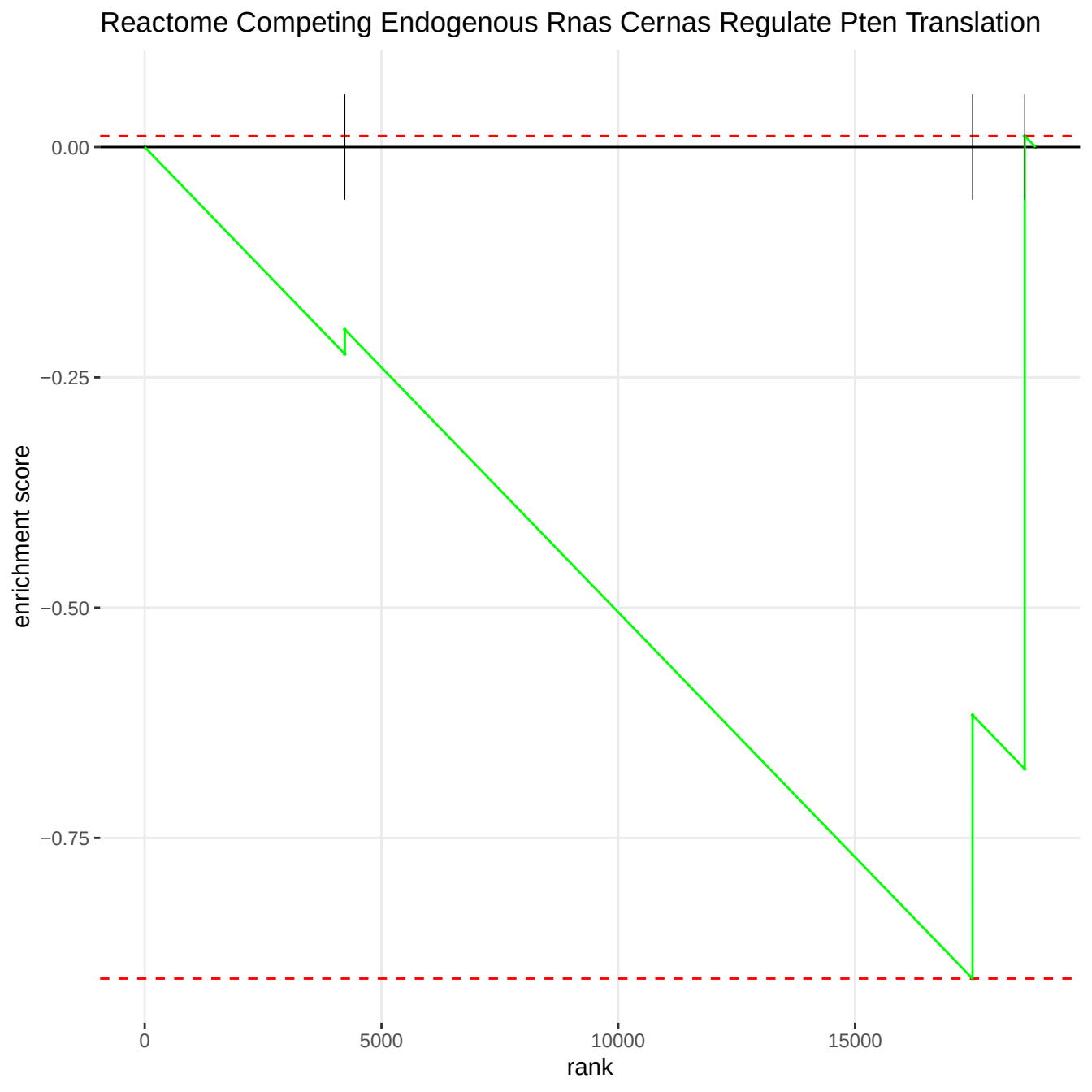
Reactome Class A 1 Rhodopsin Like Receptors
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

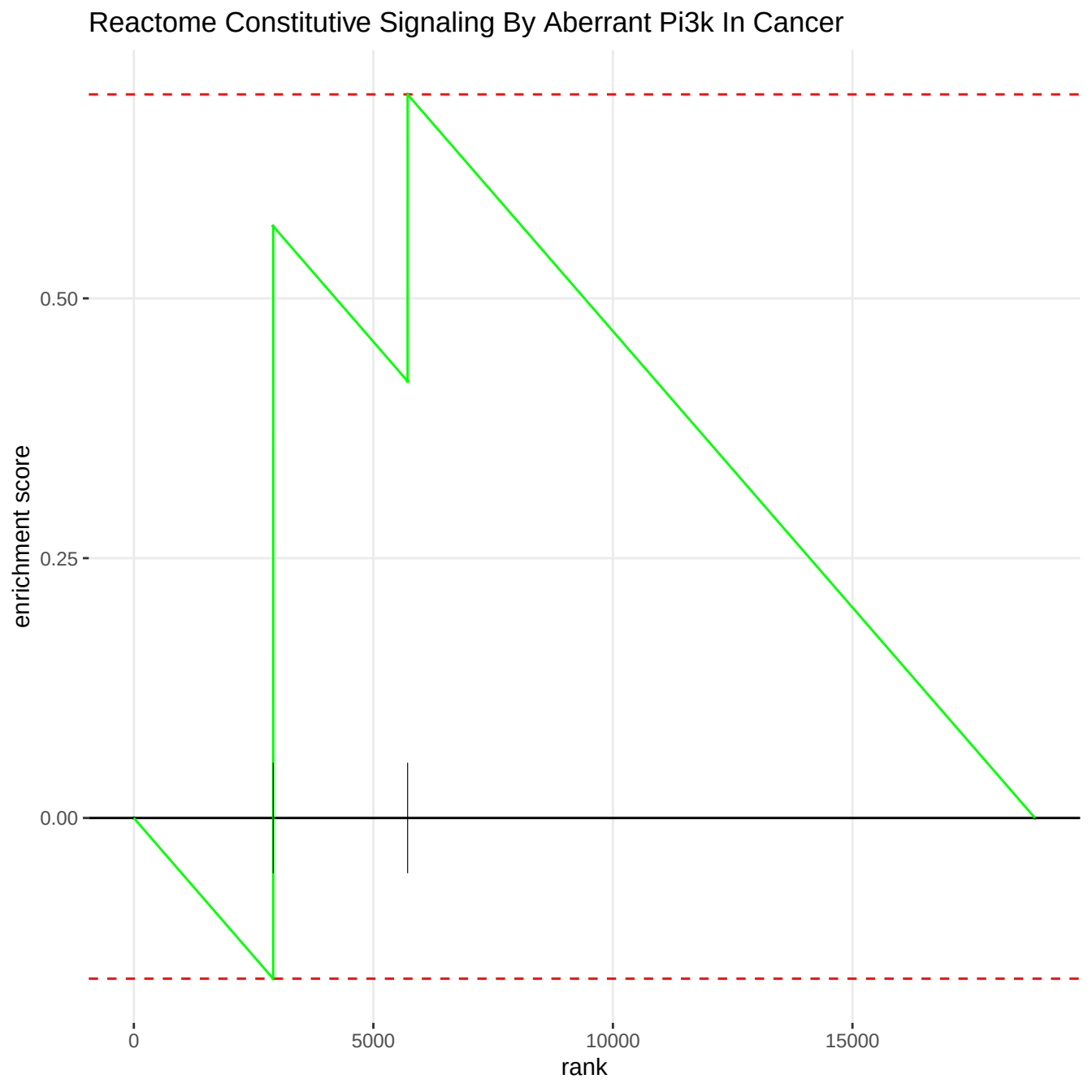

Reactome Class I Mhc Mediated Antigen Processing Presentation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

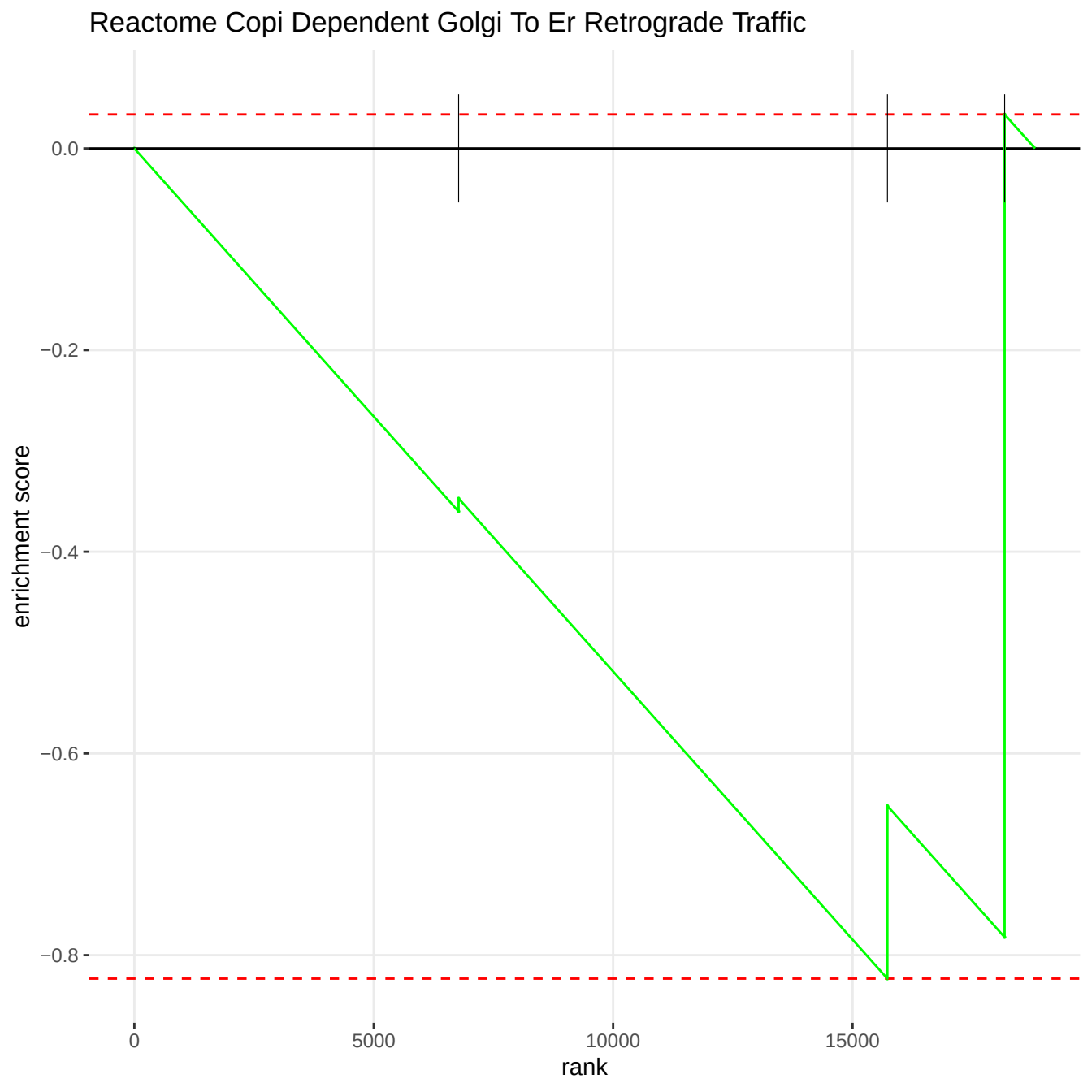
Reactome Class I Peroxisomal Membrane Protein Import
0.50
0.25
0.00
−0.25
enrichment score
0
5000
10000
15000
rank

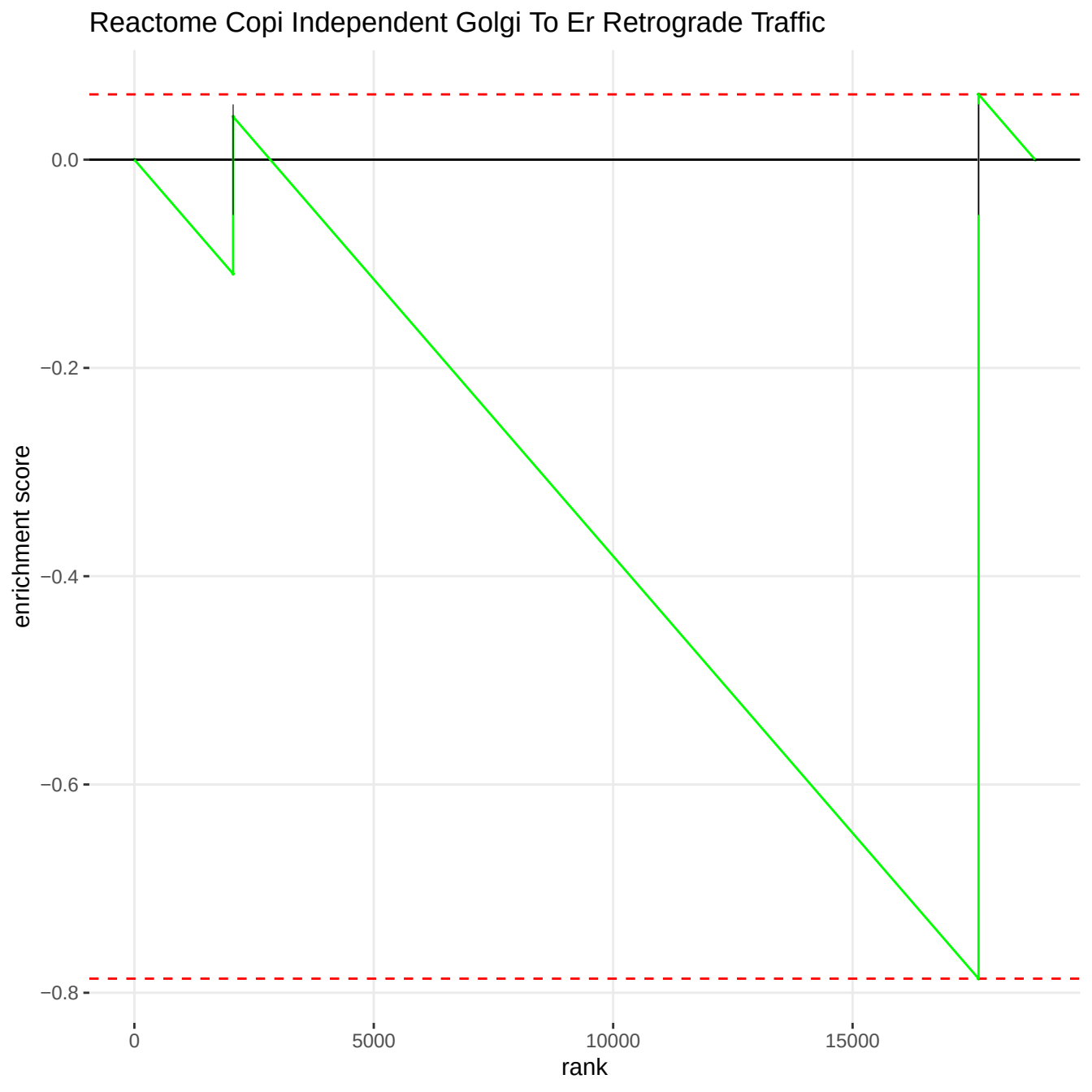

Reactome Clathrin Mediated Endocytosis
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

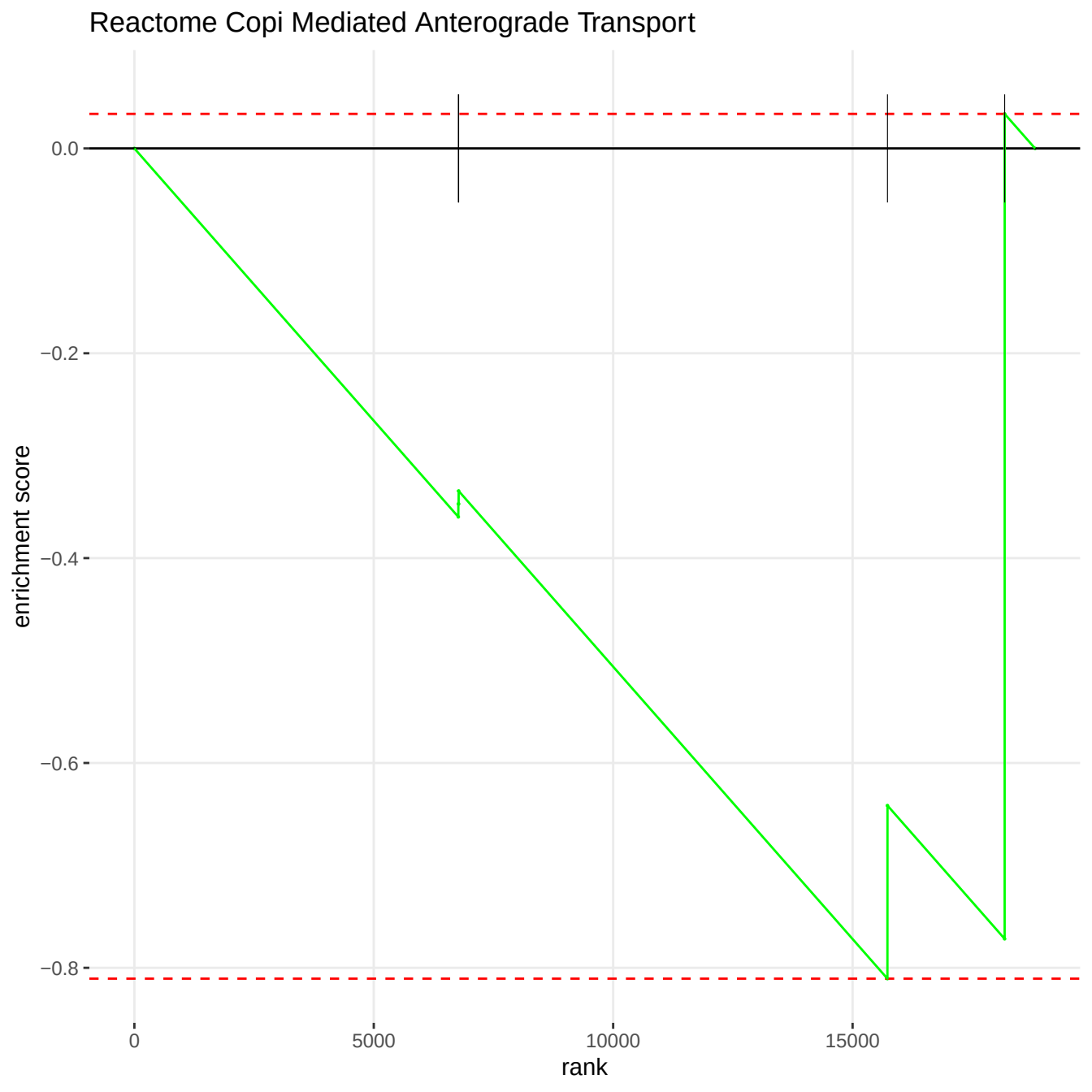

Reactome Coenzyme A Biosynthesis
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

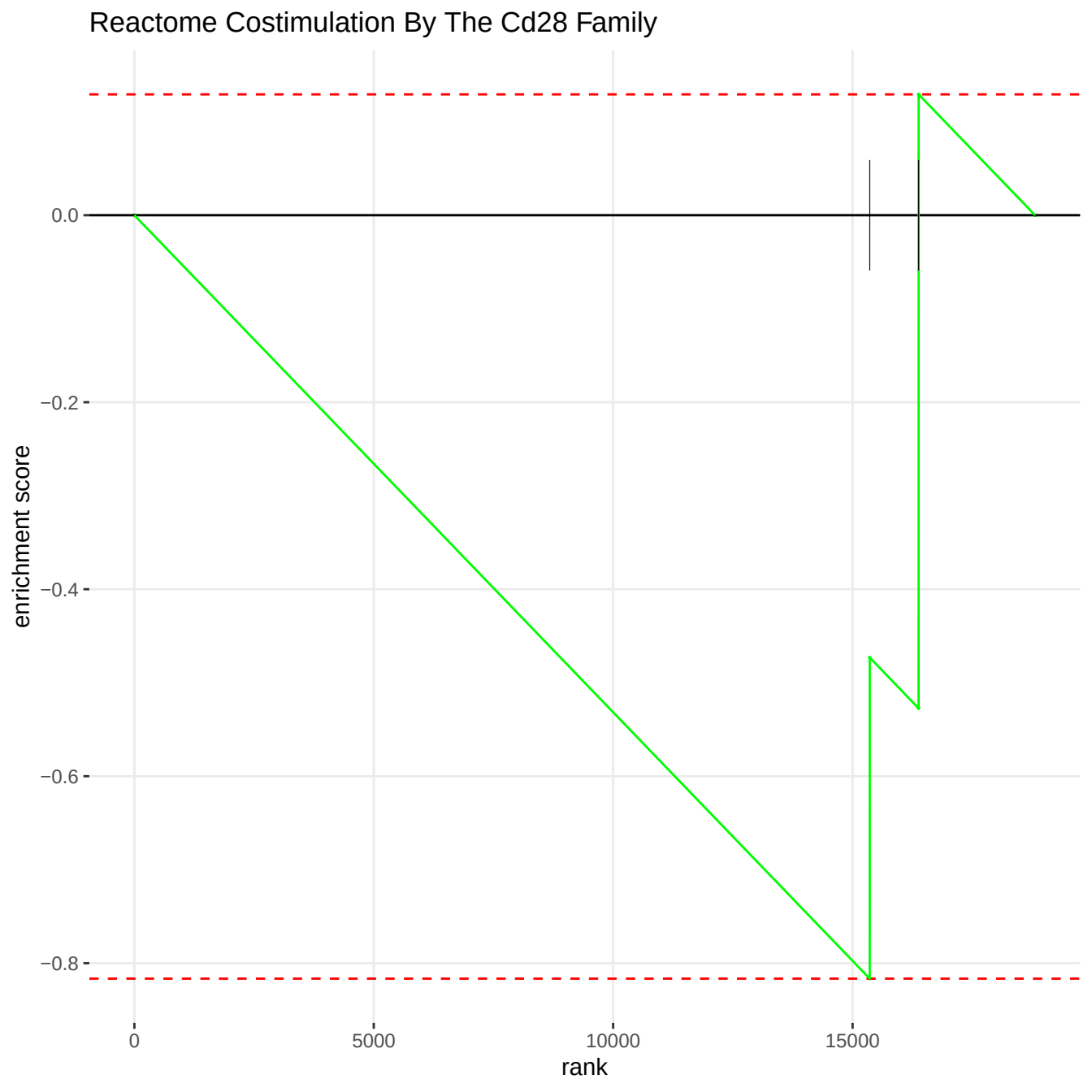

Reactome Competing Endogenous Rnas Cernas Regulate Pten Translation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

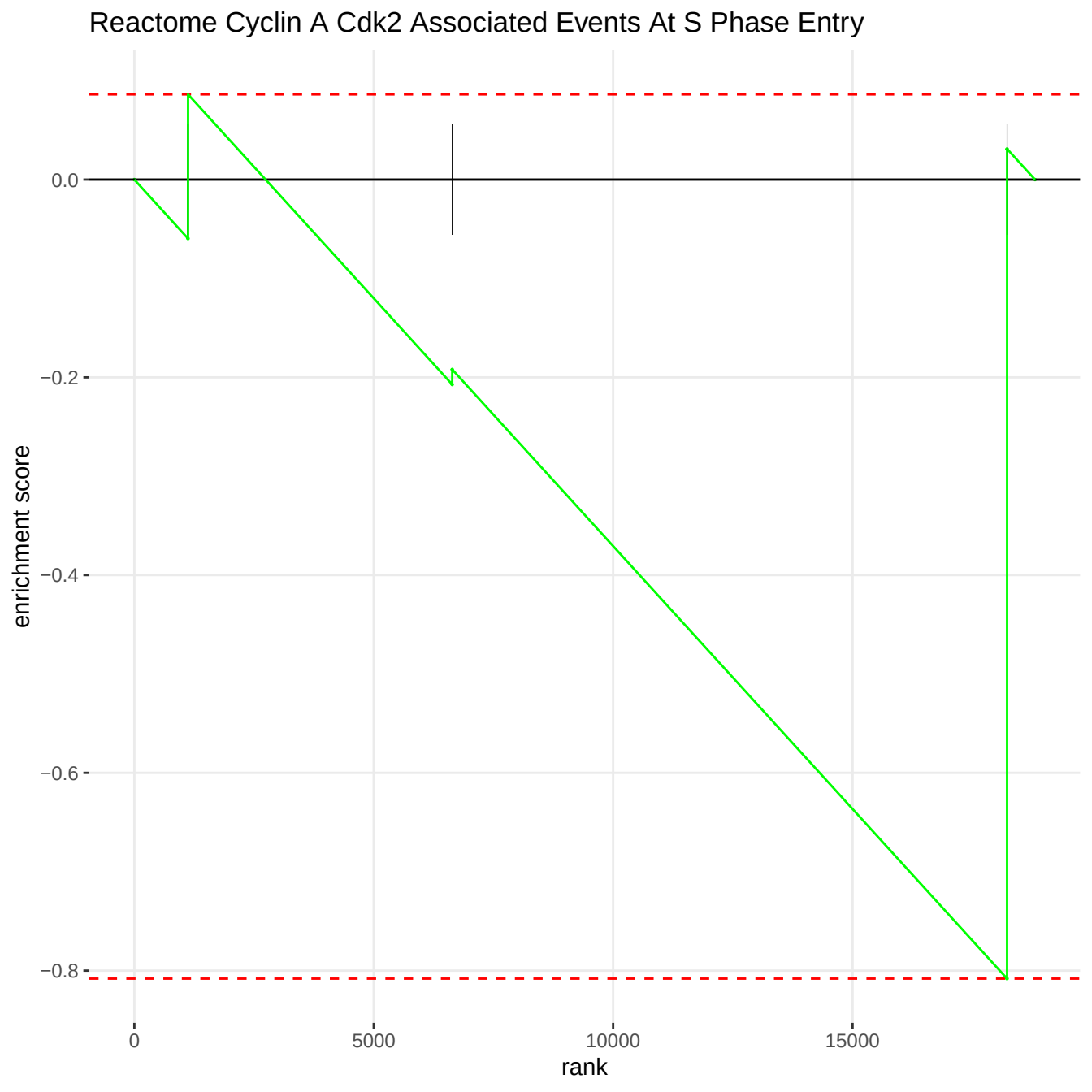

Reactome Constitutive Signaling By Aberrant Pi3k In Cancer
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

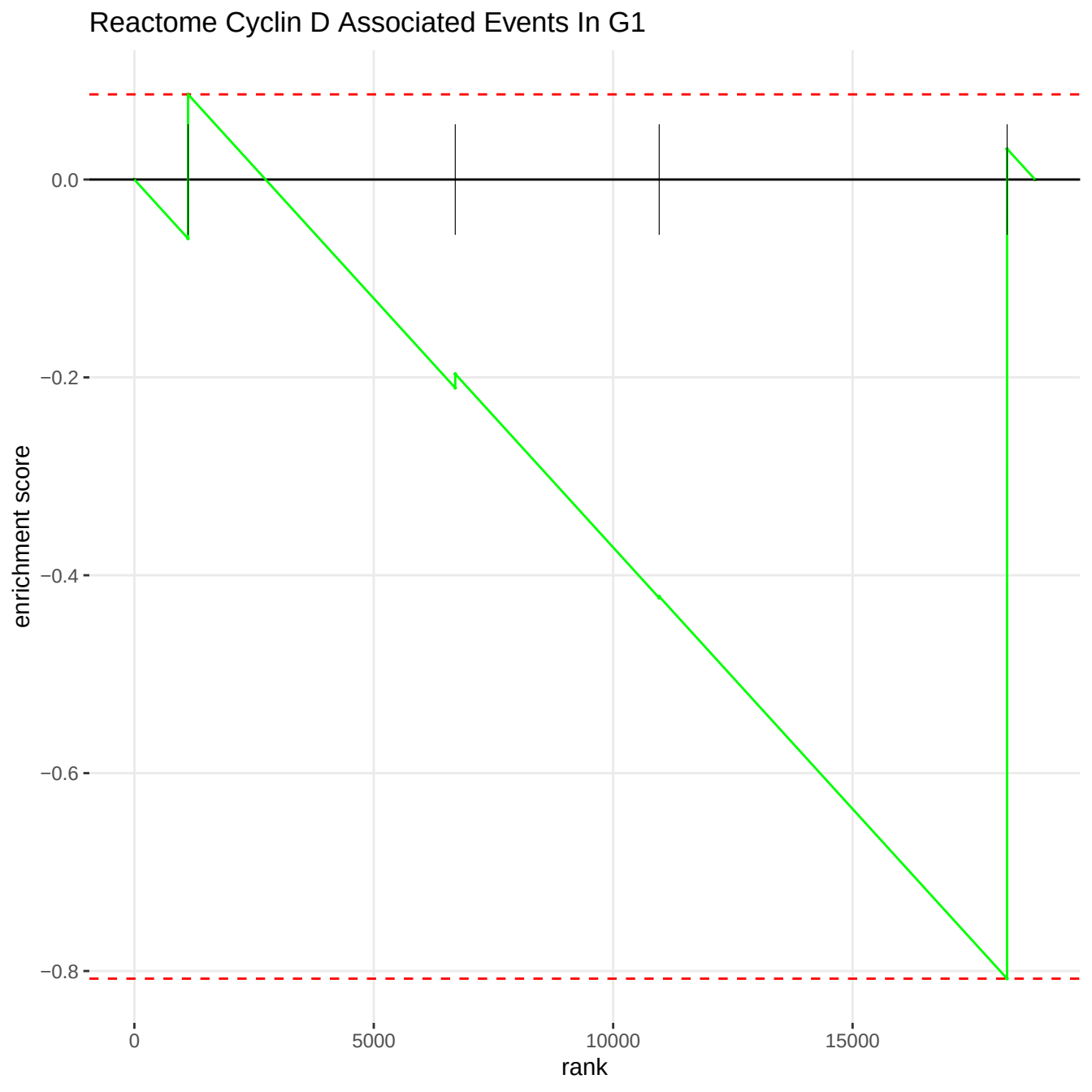

Reactome Copi Dependent Golgi To Er Retrograde Traffic
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

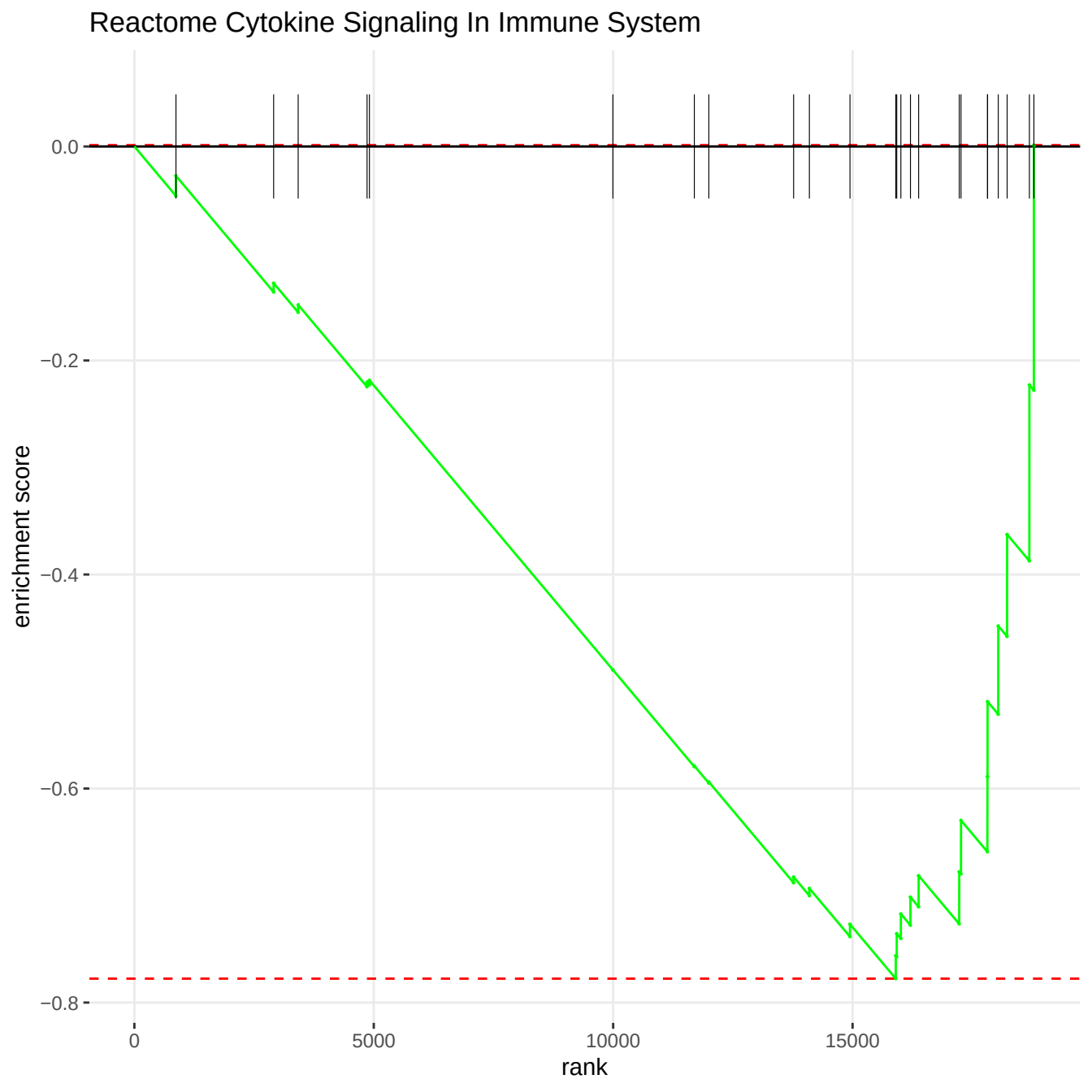

Reactome Copi Independent Golgi To Er Retrograde Traffic
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

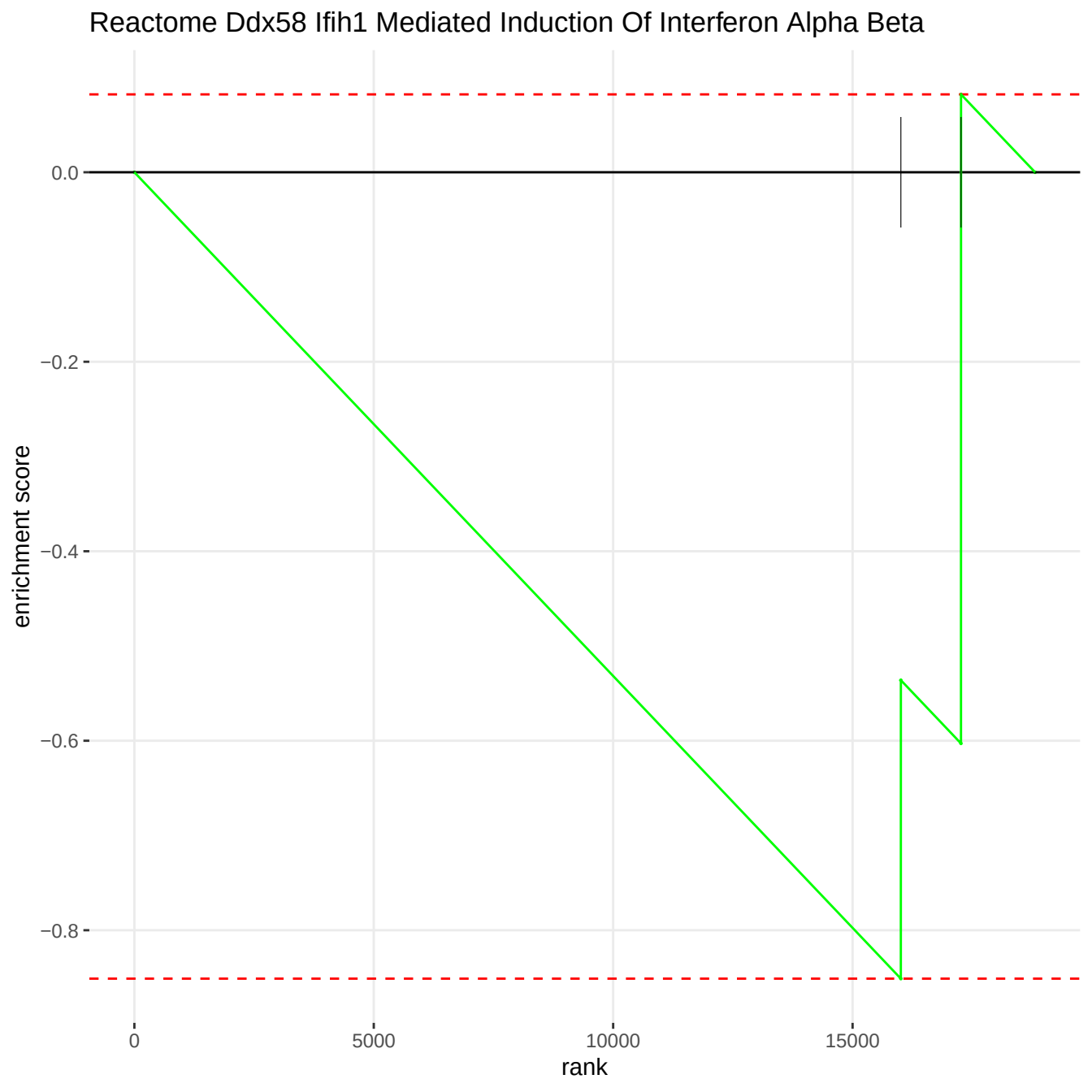

Reactome Copi Mediated Anterograde Transport
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

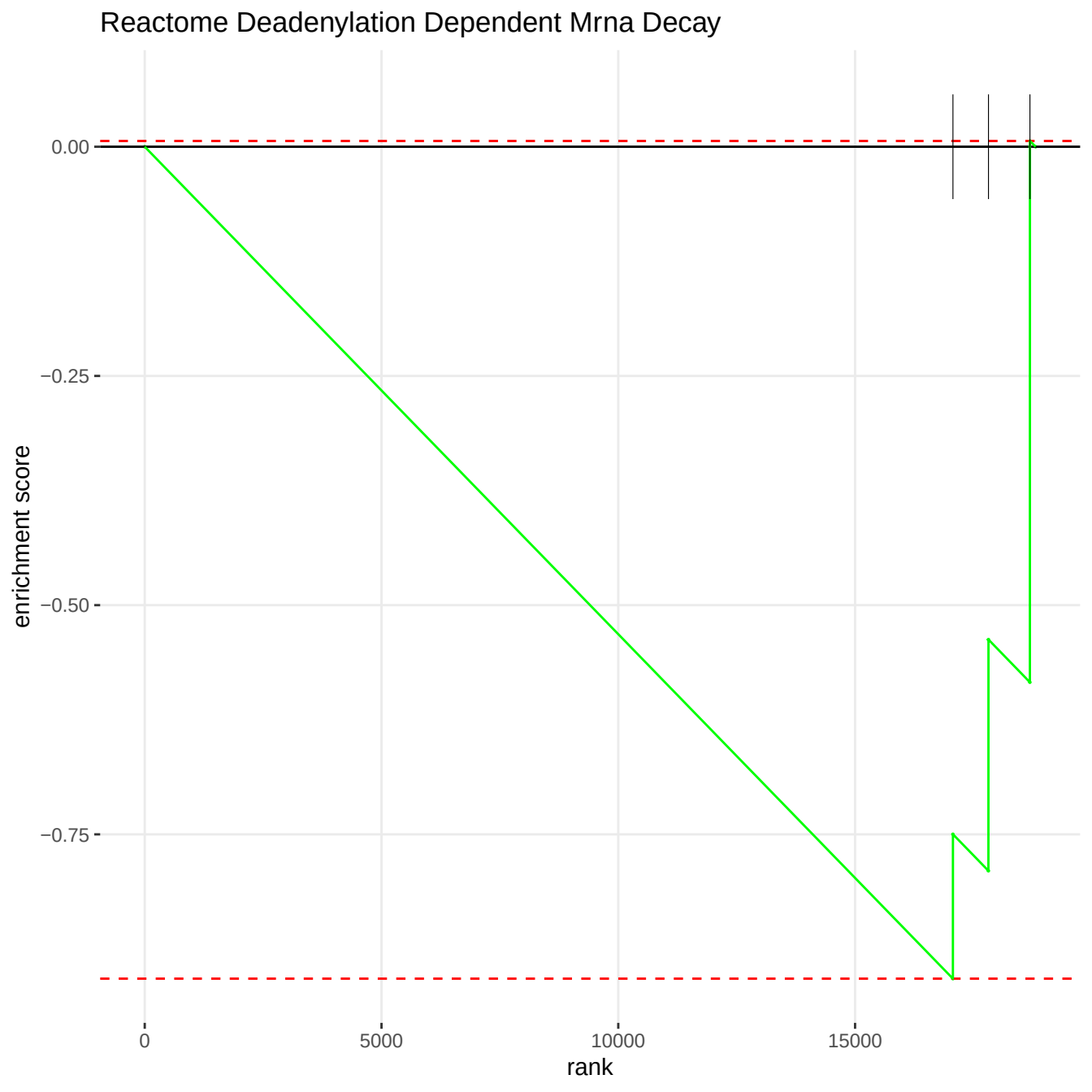

Reactome Costimulation By The Cd28 Family
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

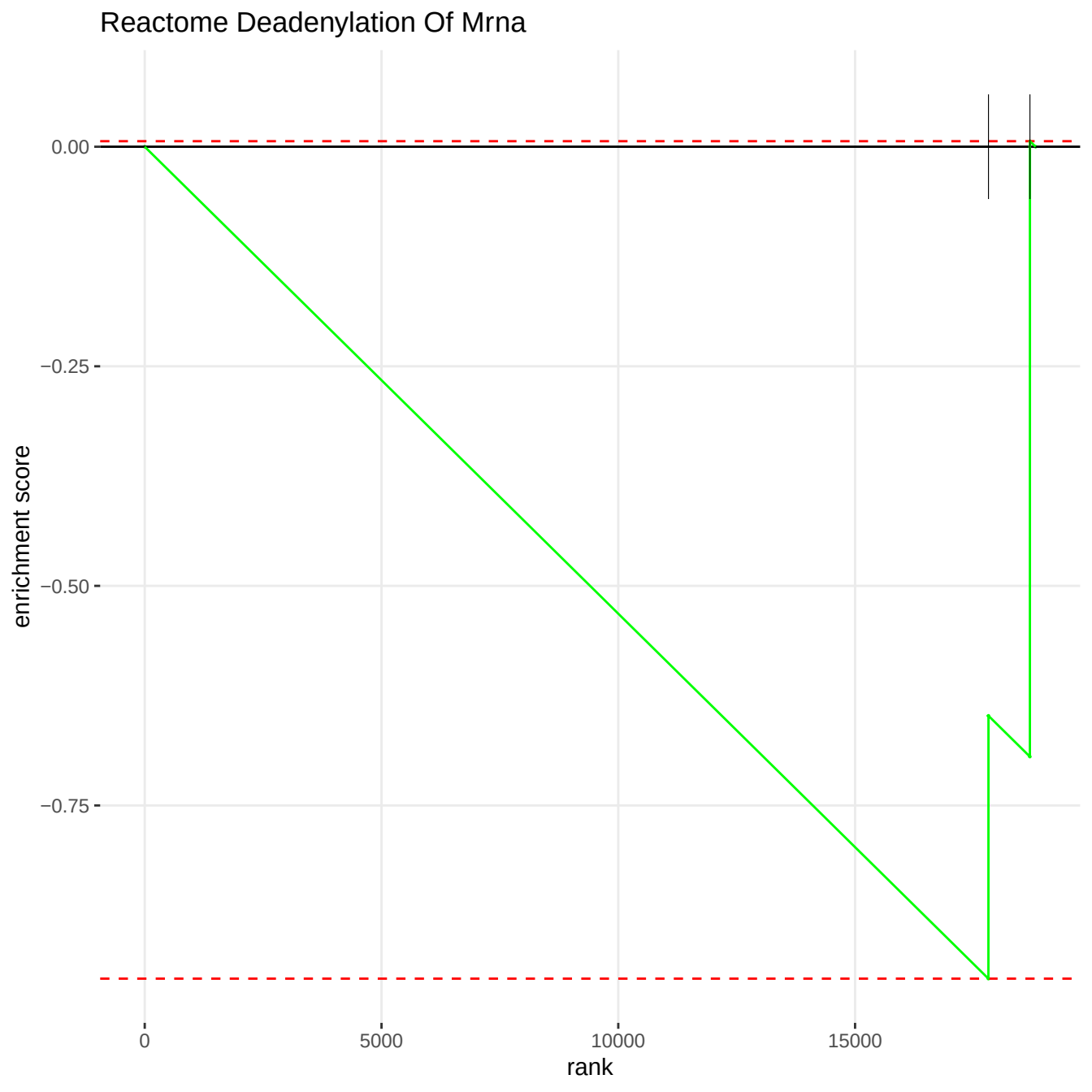

Reactome Cyclin A Cdk2 Associated Events At S Phase Entry
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

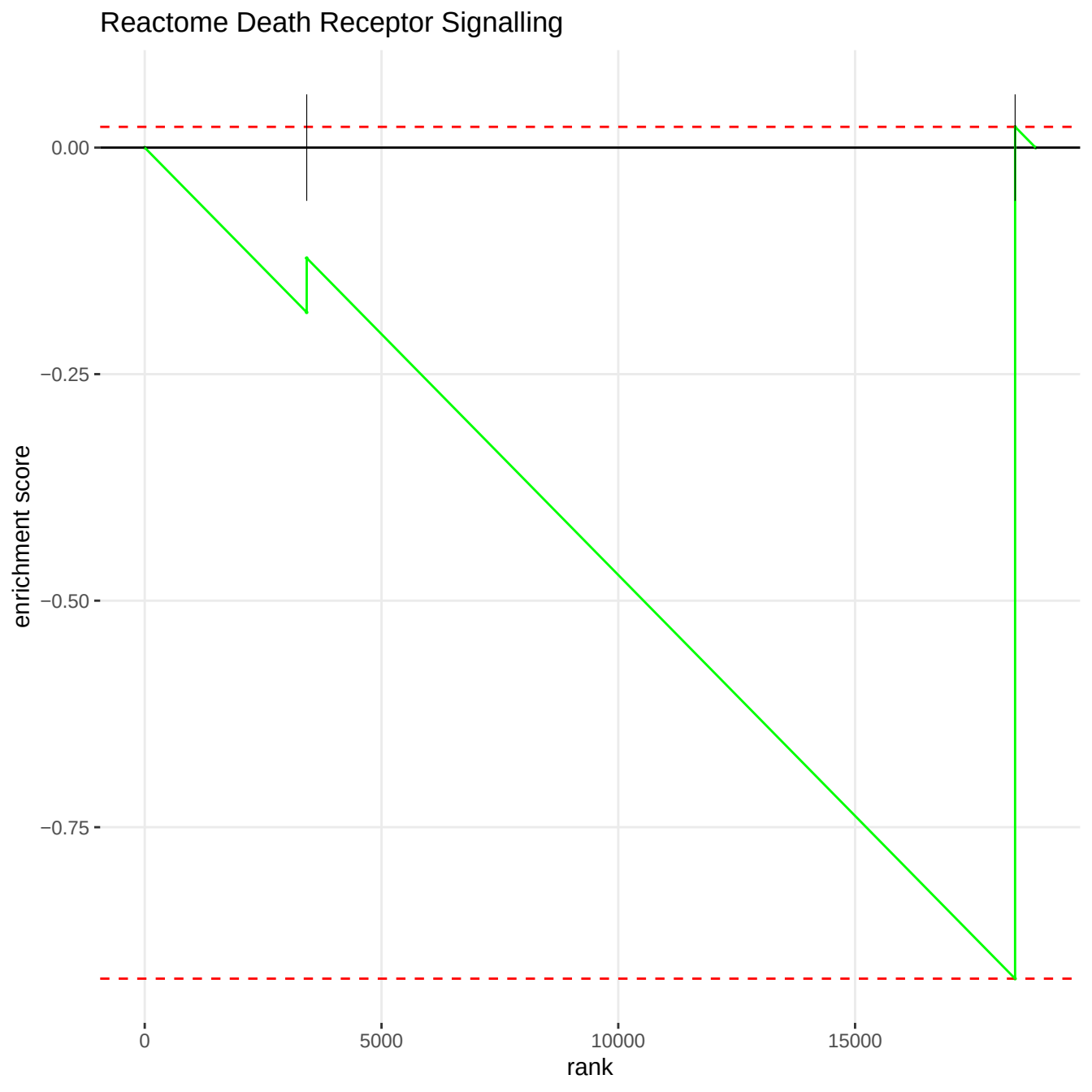

Reactome Cyclin D Associated Events In G1
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

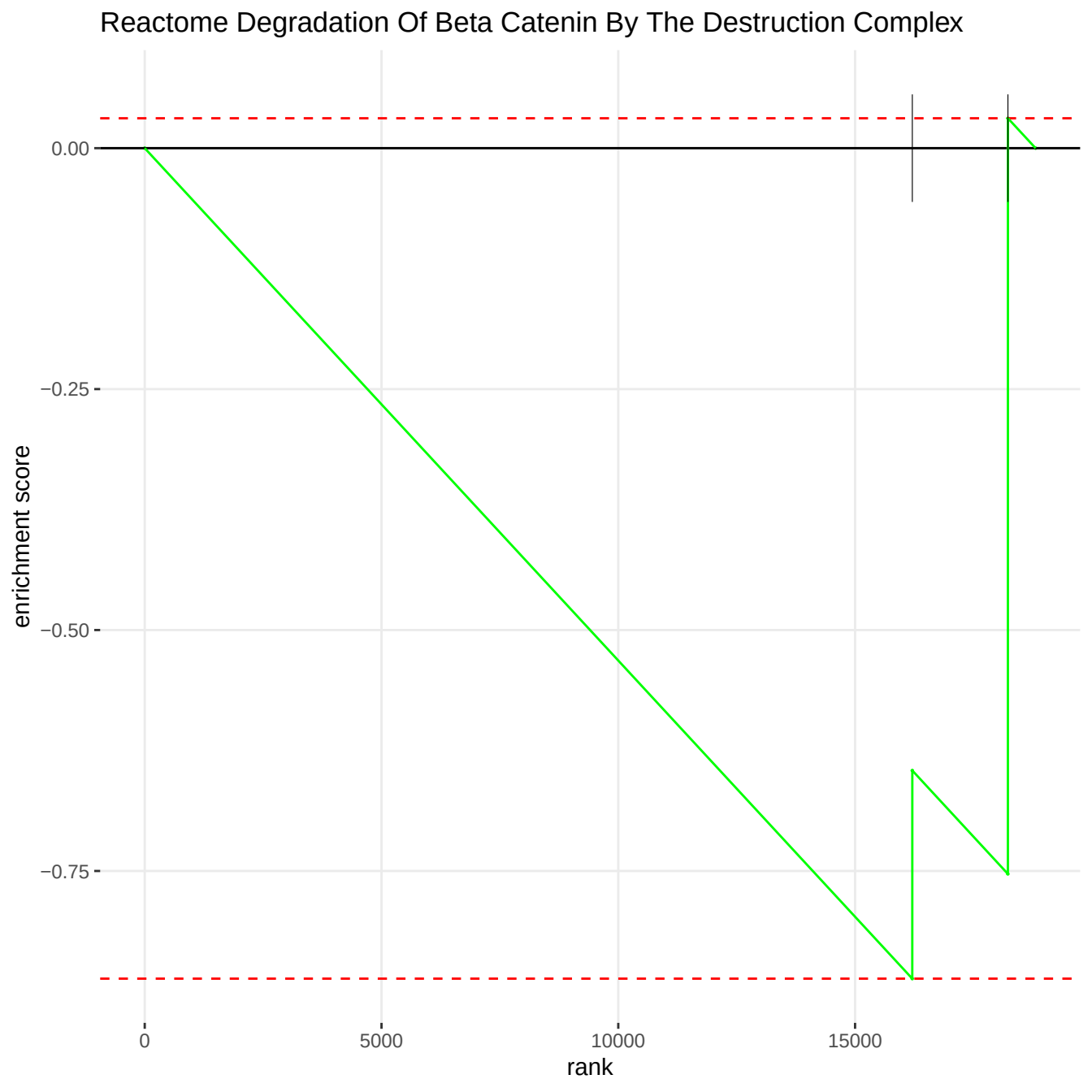

Reactome Cytokine Signaling In Immune System
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

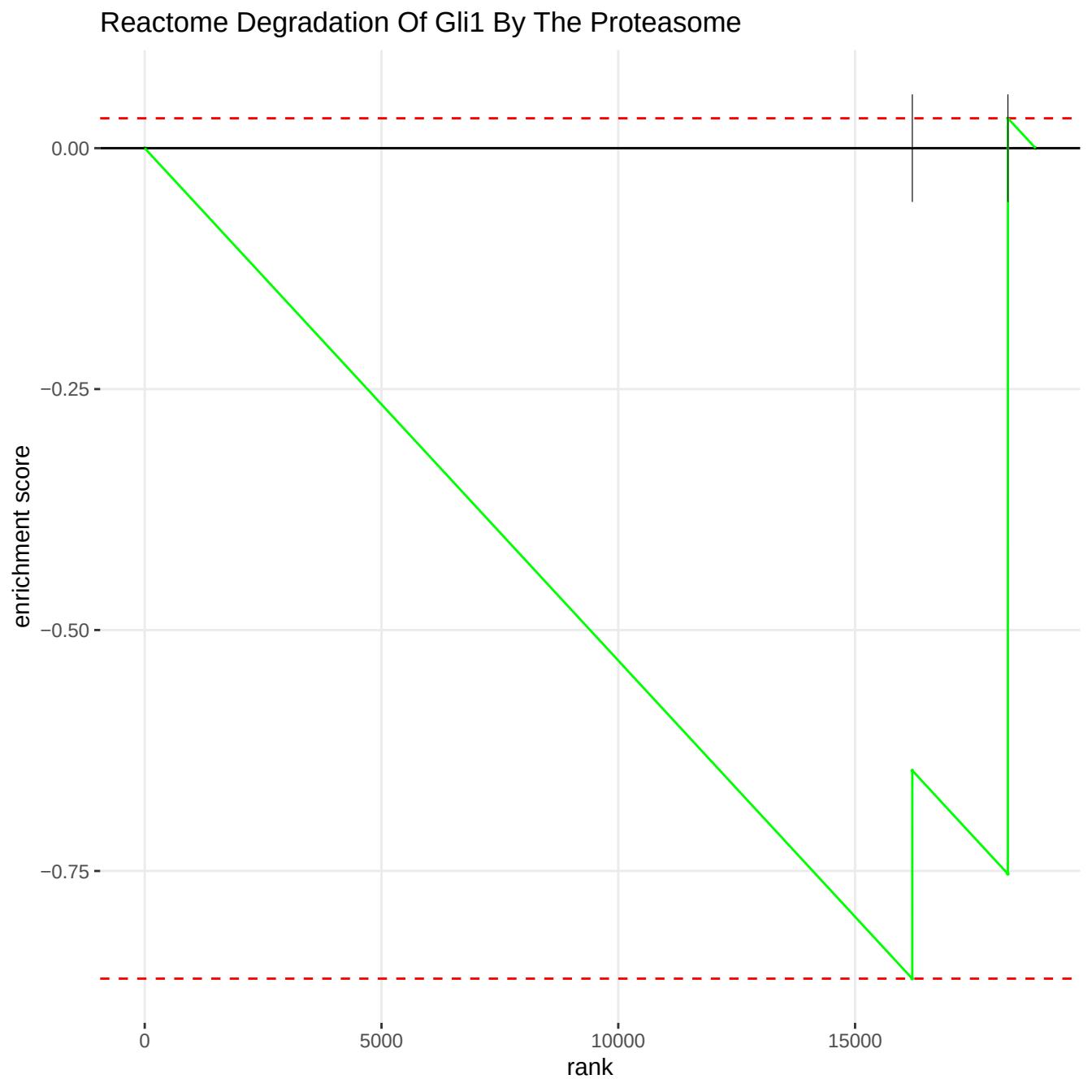

Reactome Ddx58 Ifih1 Mediated Induction Of Interferon Alpha Beta
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

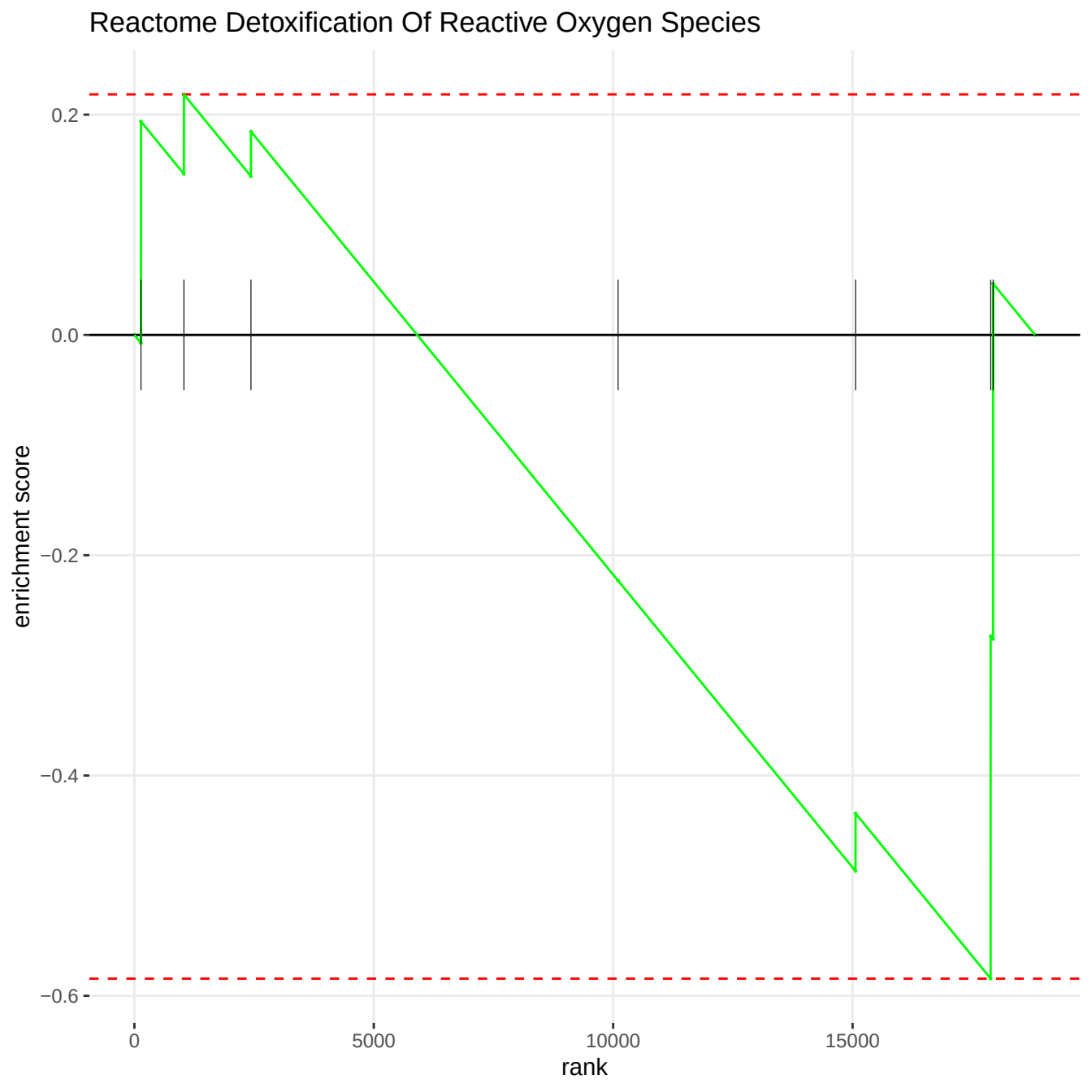

Reactome Deadenylation Dependent Mrna Decay
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

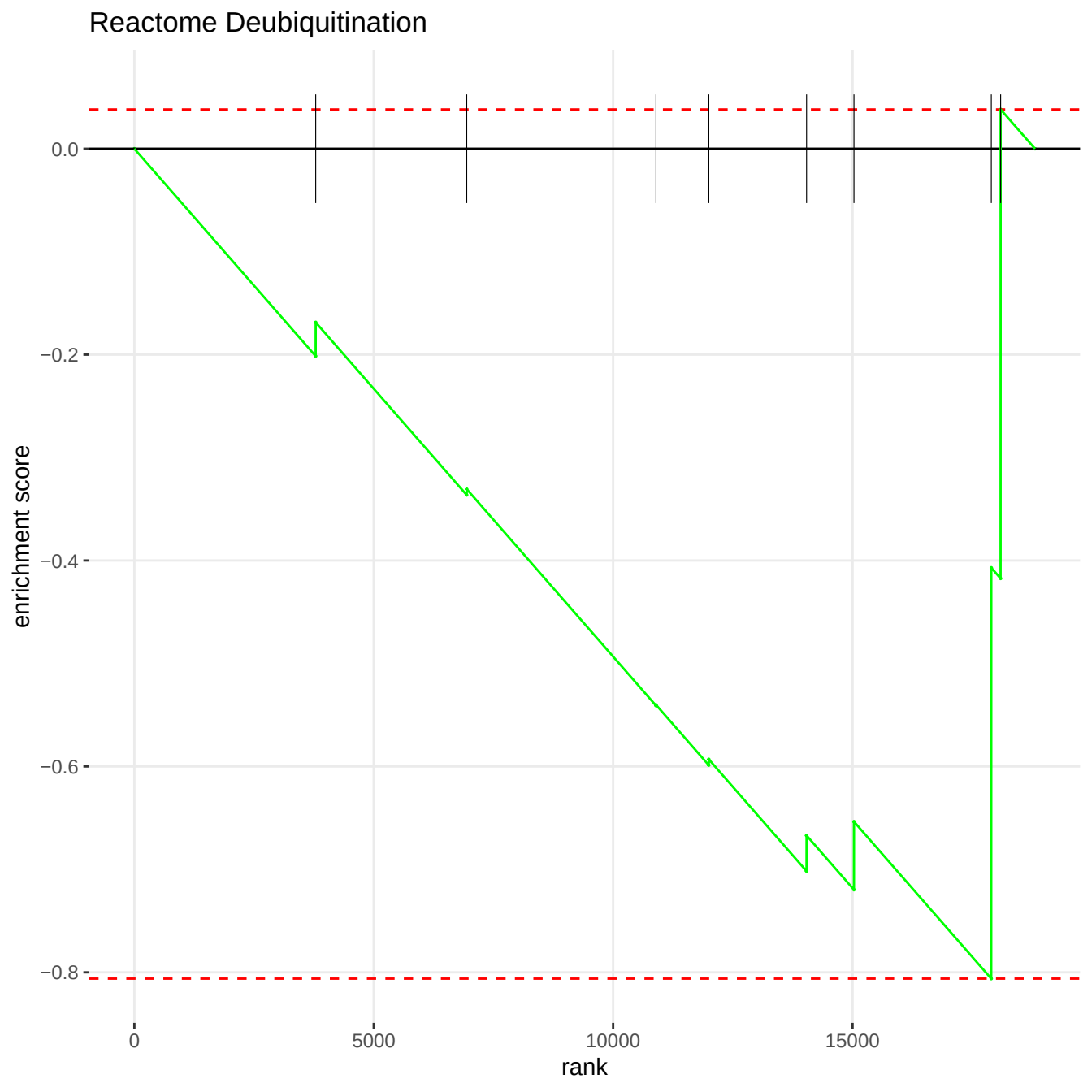

Reactome Deadenylation Of Mrna
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

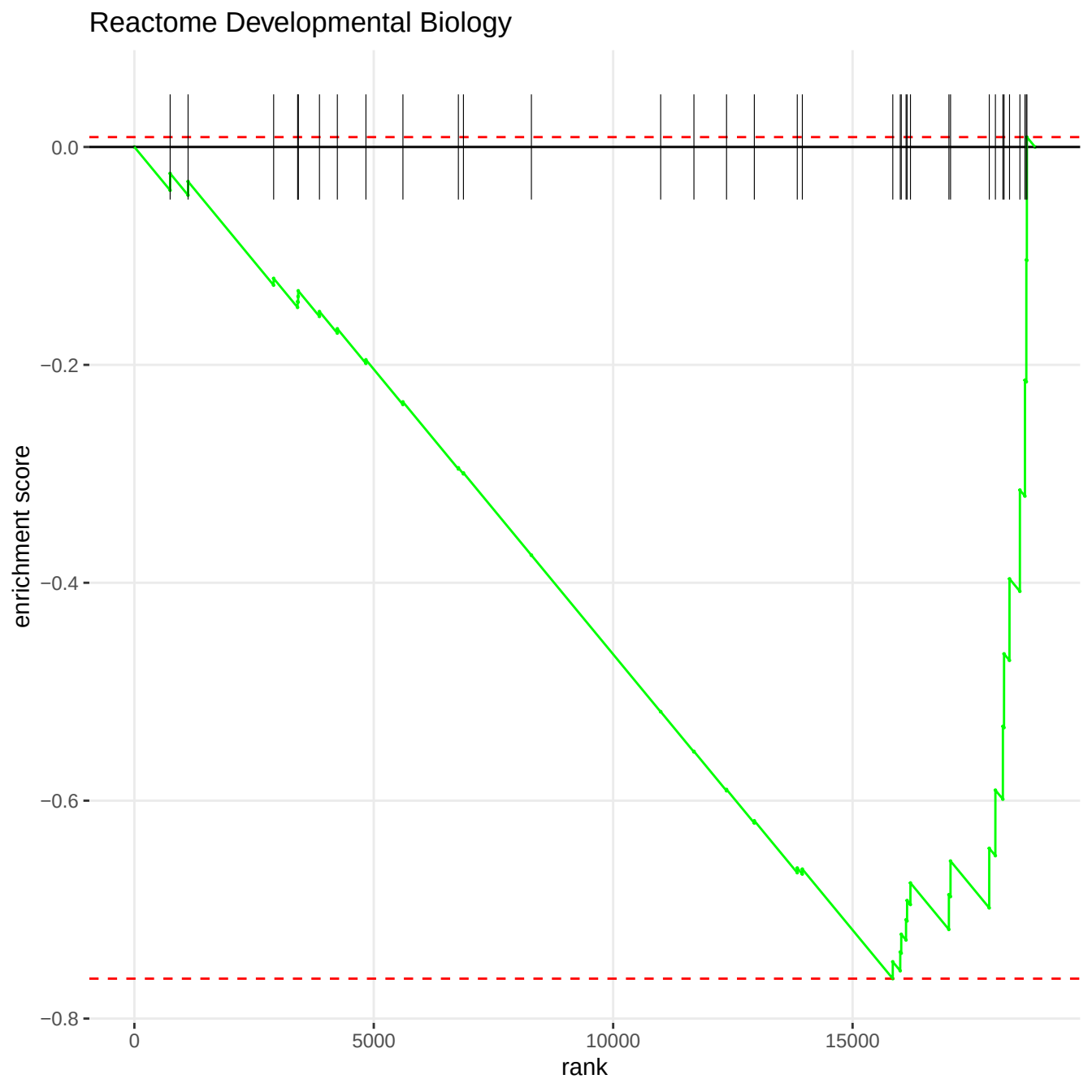

Reactome Death Receptor Signalling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

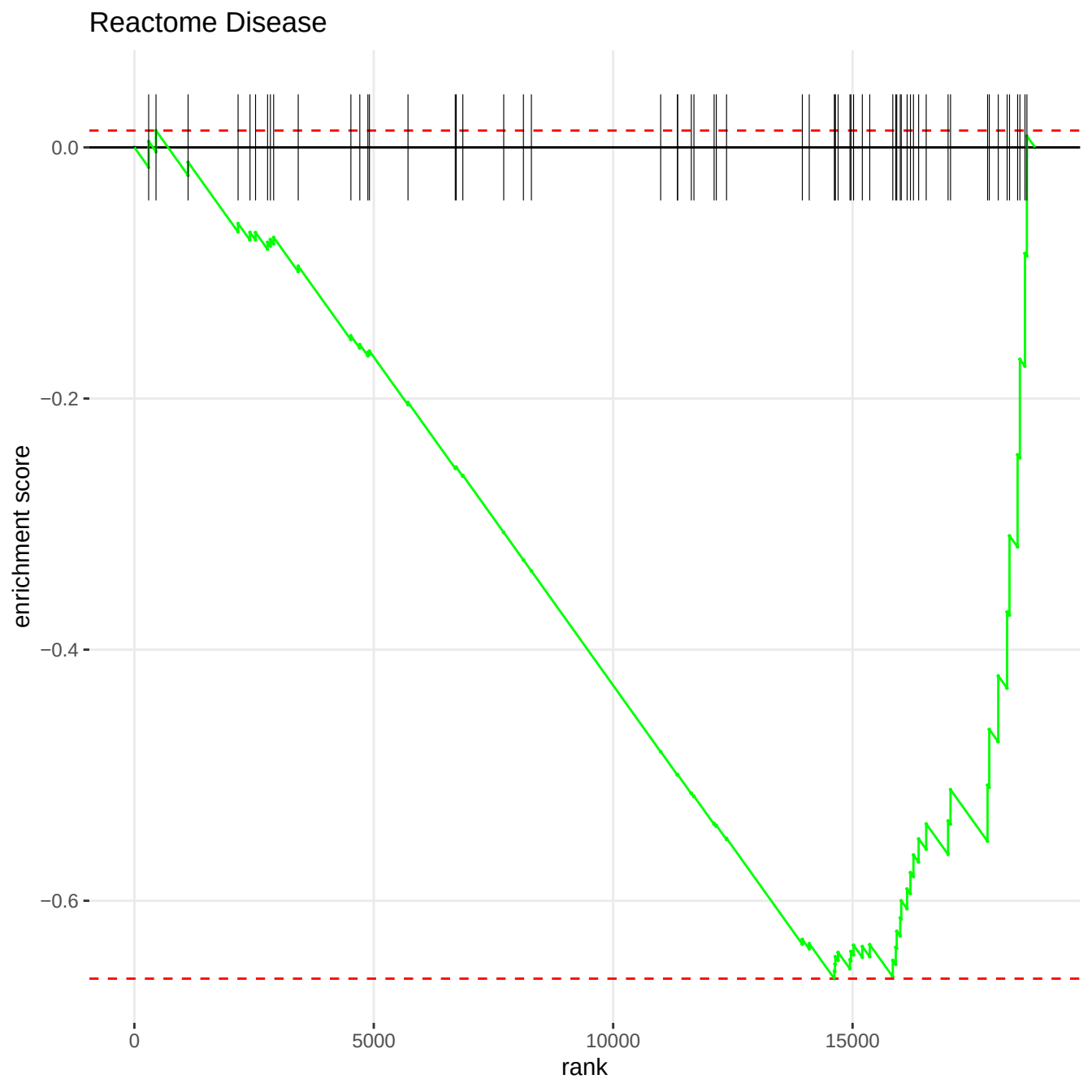

Reactome Degradation Of Beta Catenin By The Destruction Complex
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Degradation Of Gli1 By The Proteasome
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

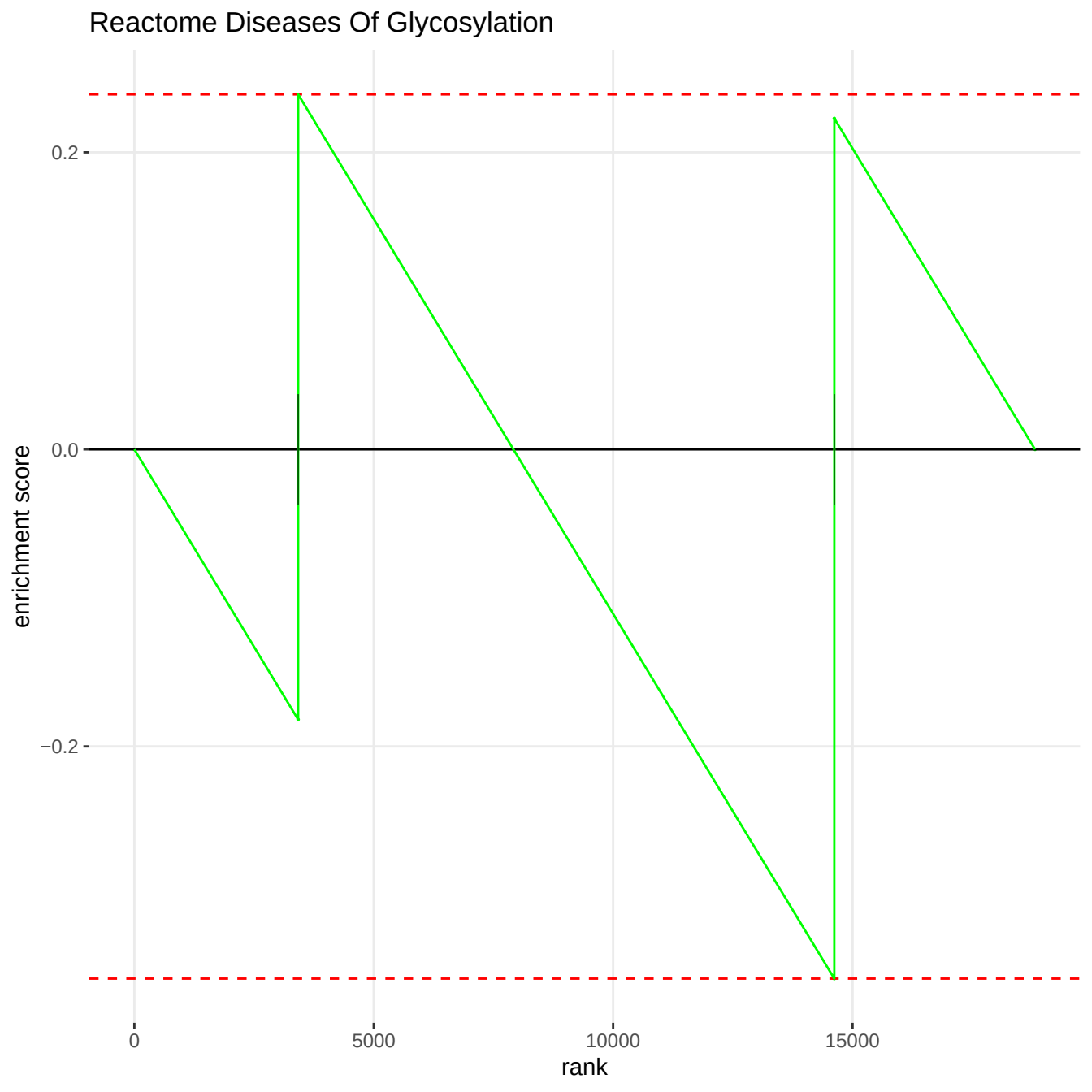

Reactome Detoxification Of Reactive Oxygen Species
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

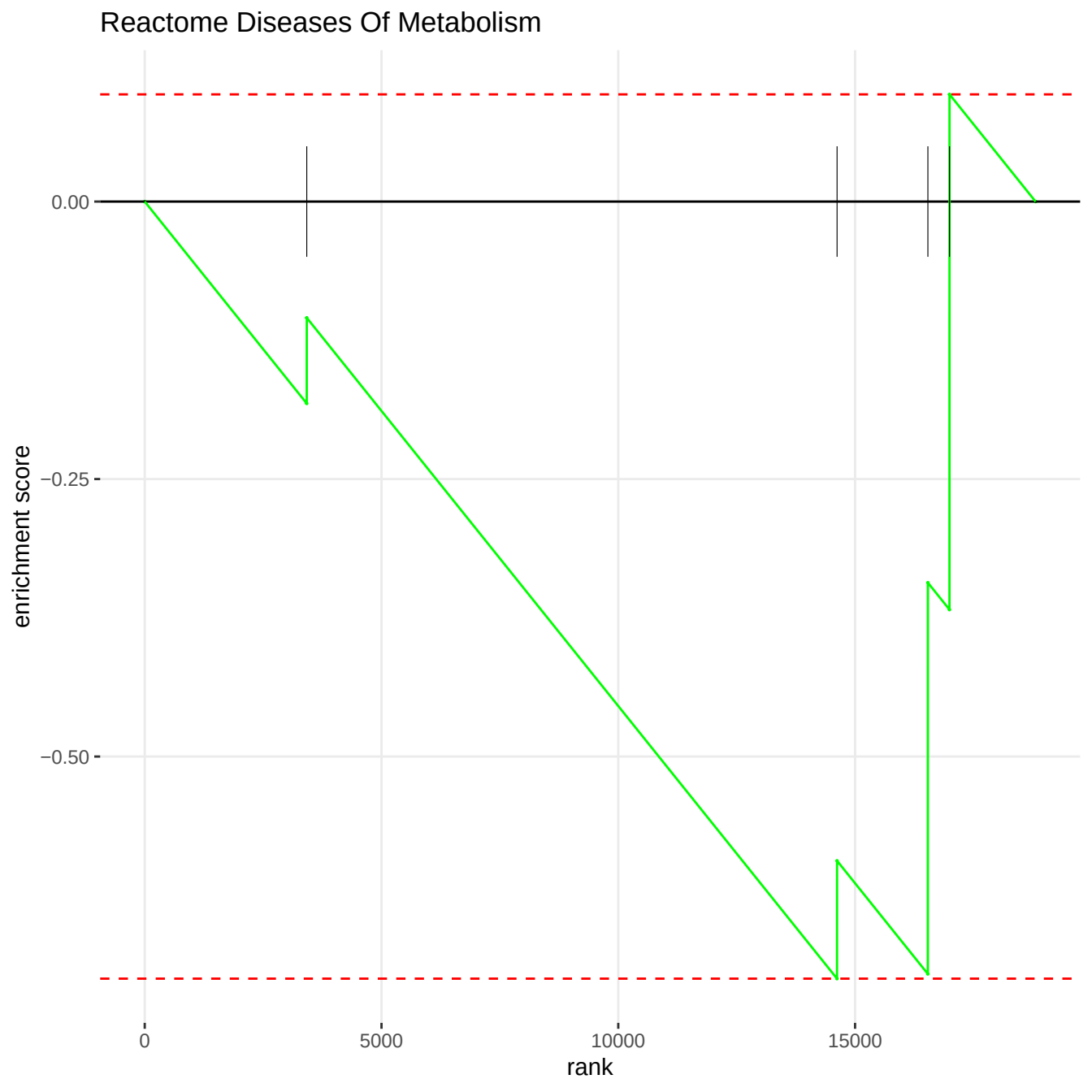

Reactome Deubiquitination
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Developmental Biology
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

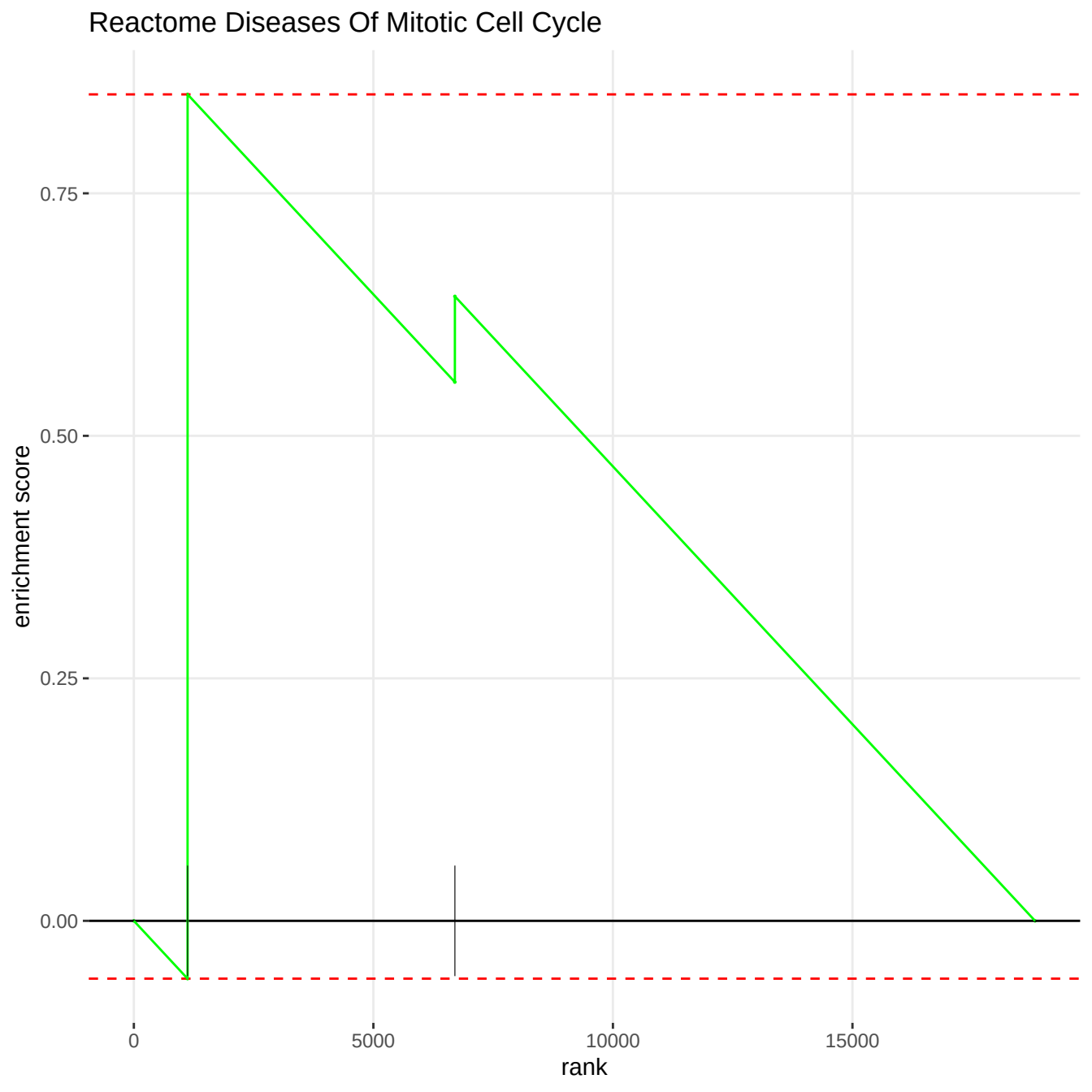

Reactome Disease
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

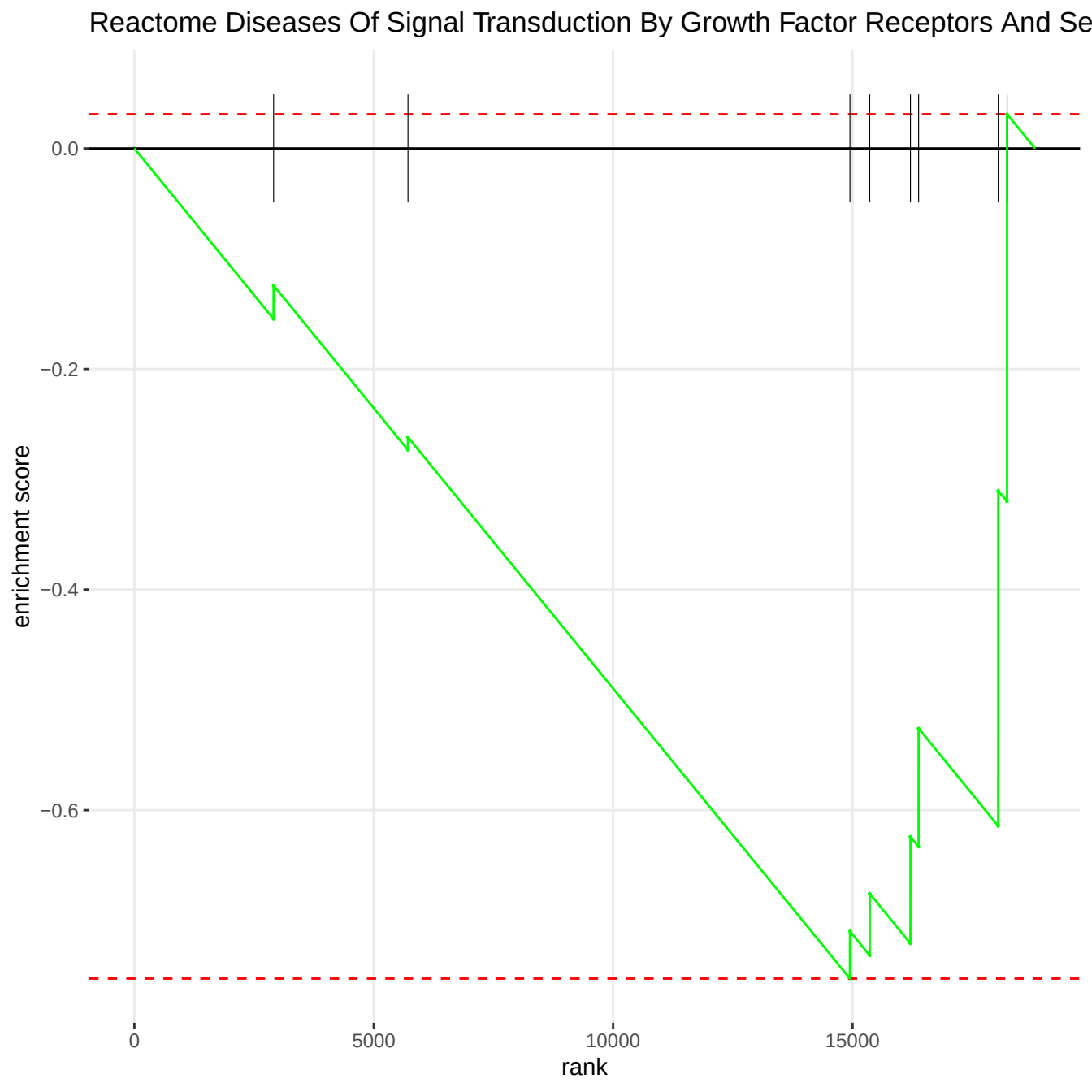
Reactome Diseases Of Dna Repair
0.2
0.1
0.0
−0.1
−0.2
enrichment score
0
5000
10000
15000
rank


Reactome Diseases Of Glycosylation
0.2
0.0
−0.2
enrichment score
0
5000
10000
15000
rank

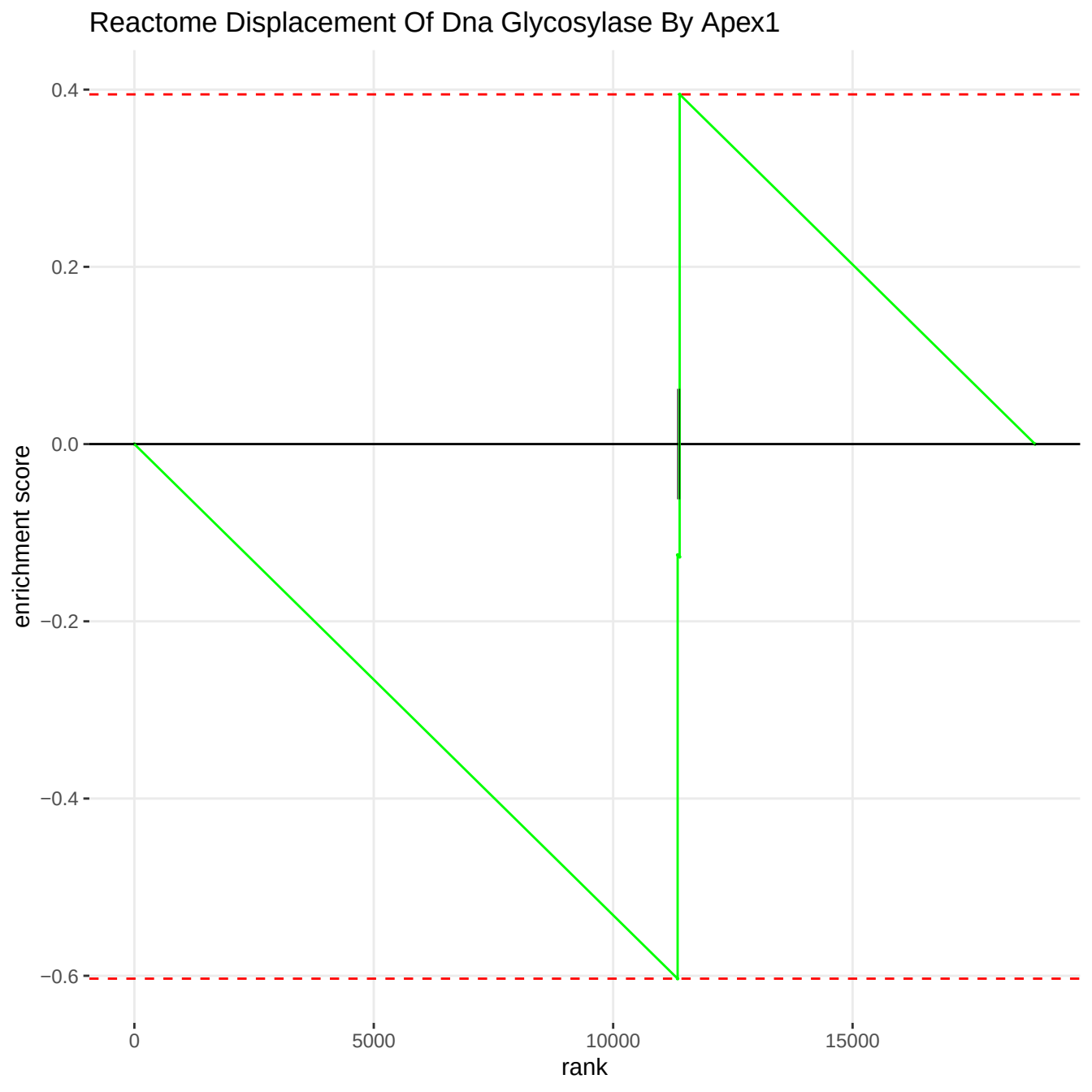

Reactome Diseases Of Metabolism
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

Reactome Diseases Of Mismatch Repair Mmr
0.2
0.1
0.0
−0.1
−0.2
−0.3
enrichment score
0
5000
10000
15000
rank

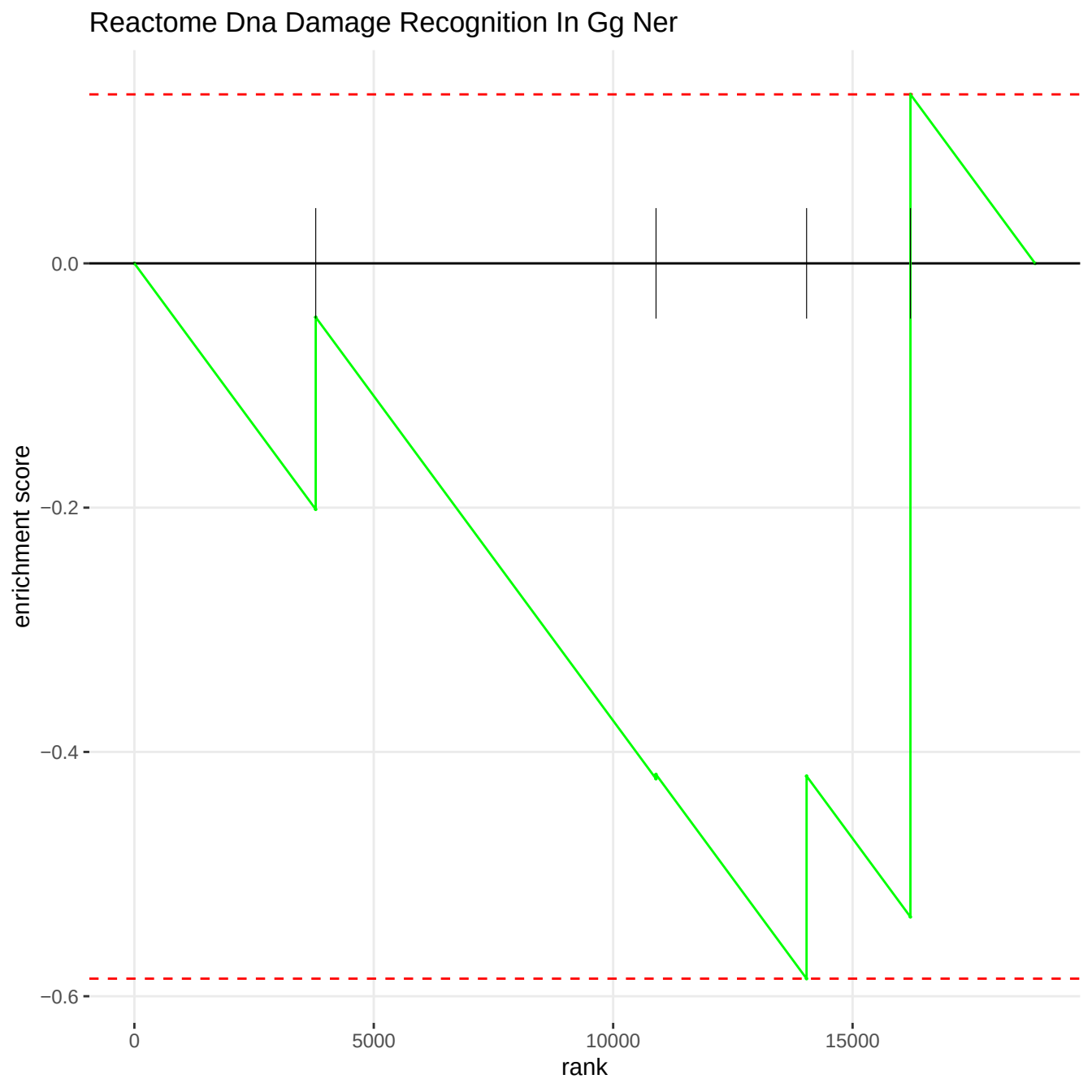

Reactome Diseases Of Mitotic Cell Cycle
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

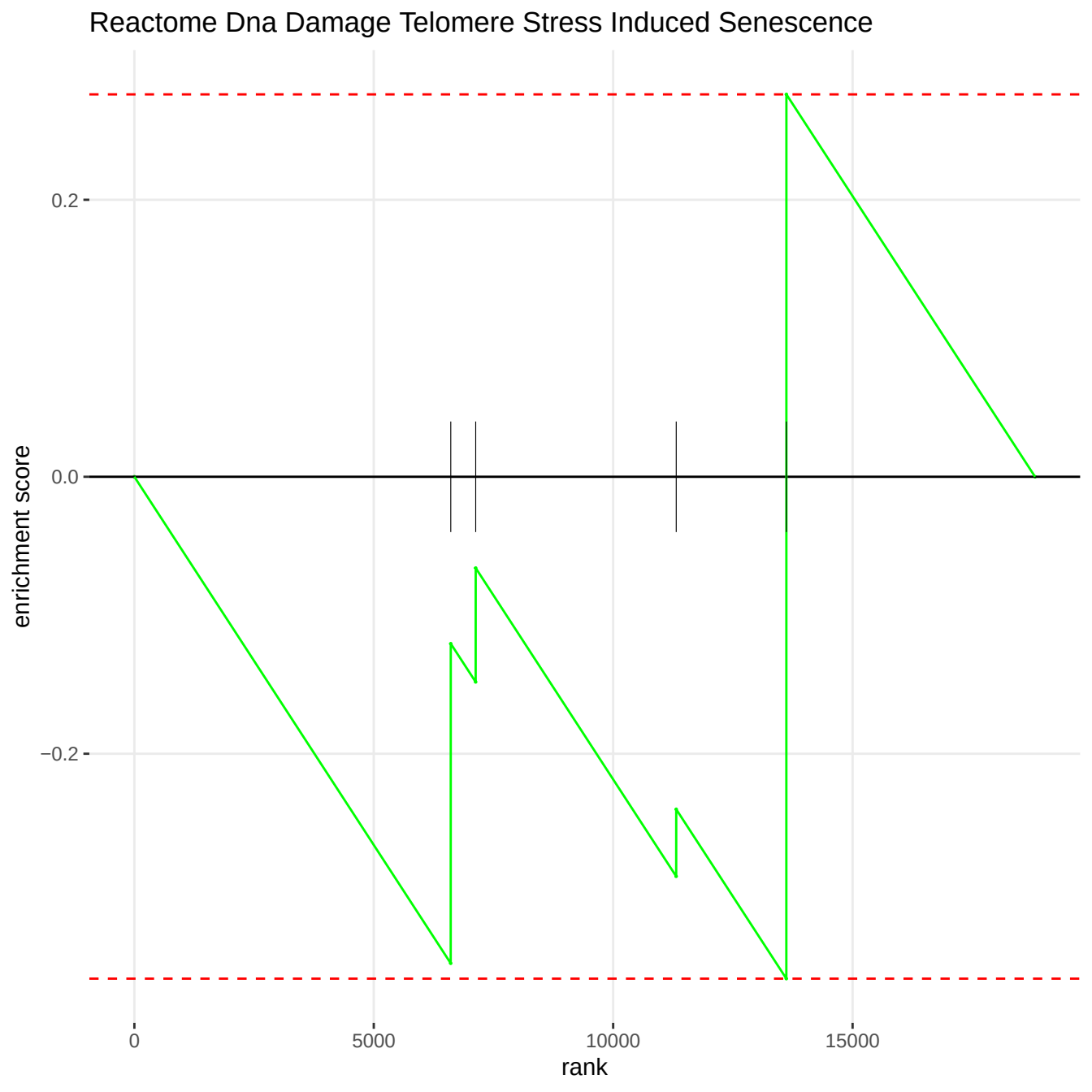

Reactome Diseases Of Signal Transduction By Growth Factor Receptors And Se
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

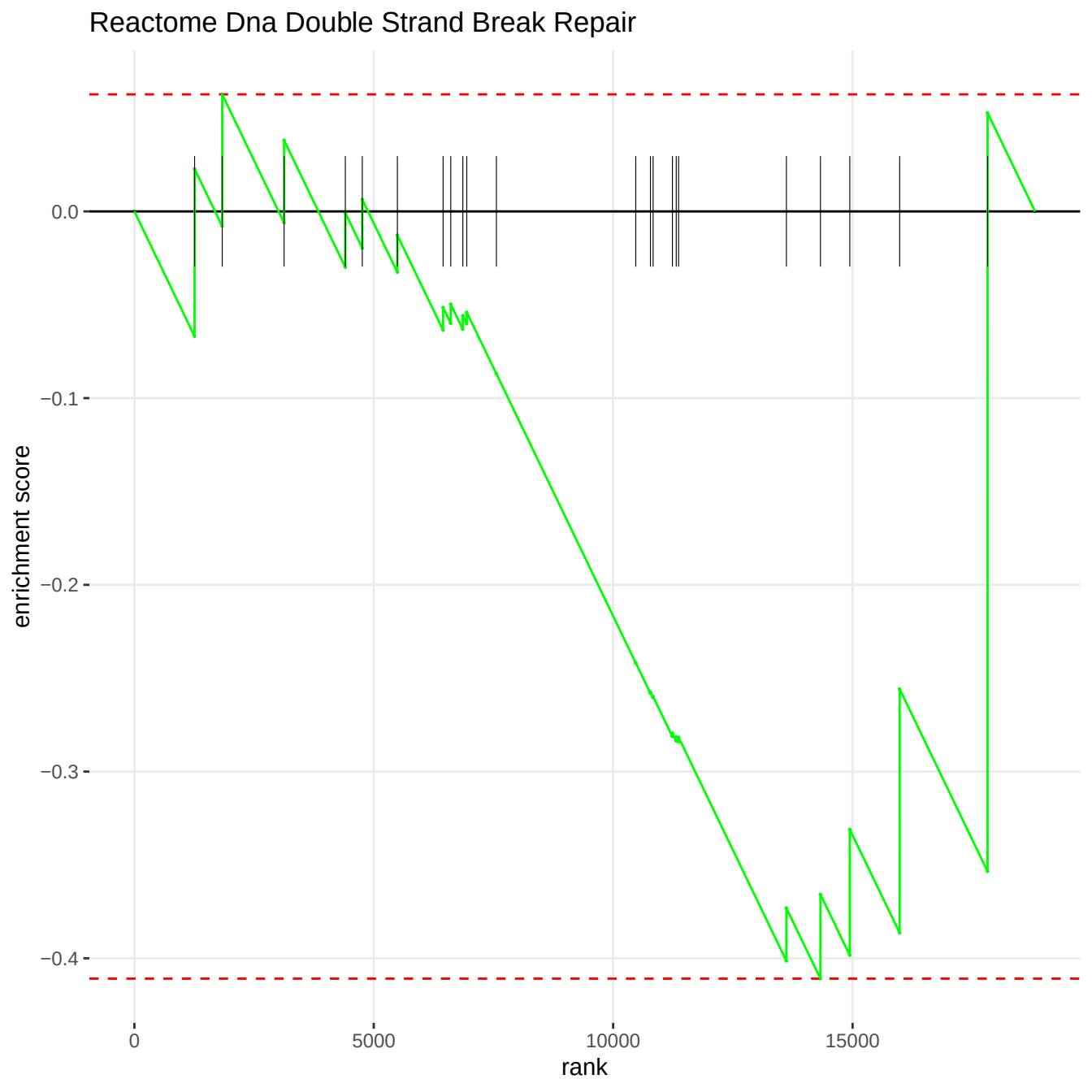
Reactome Disorders Of Transmembrane Transporters
0.2
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

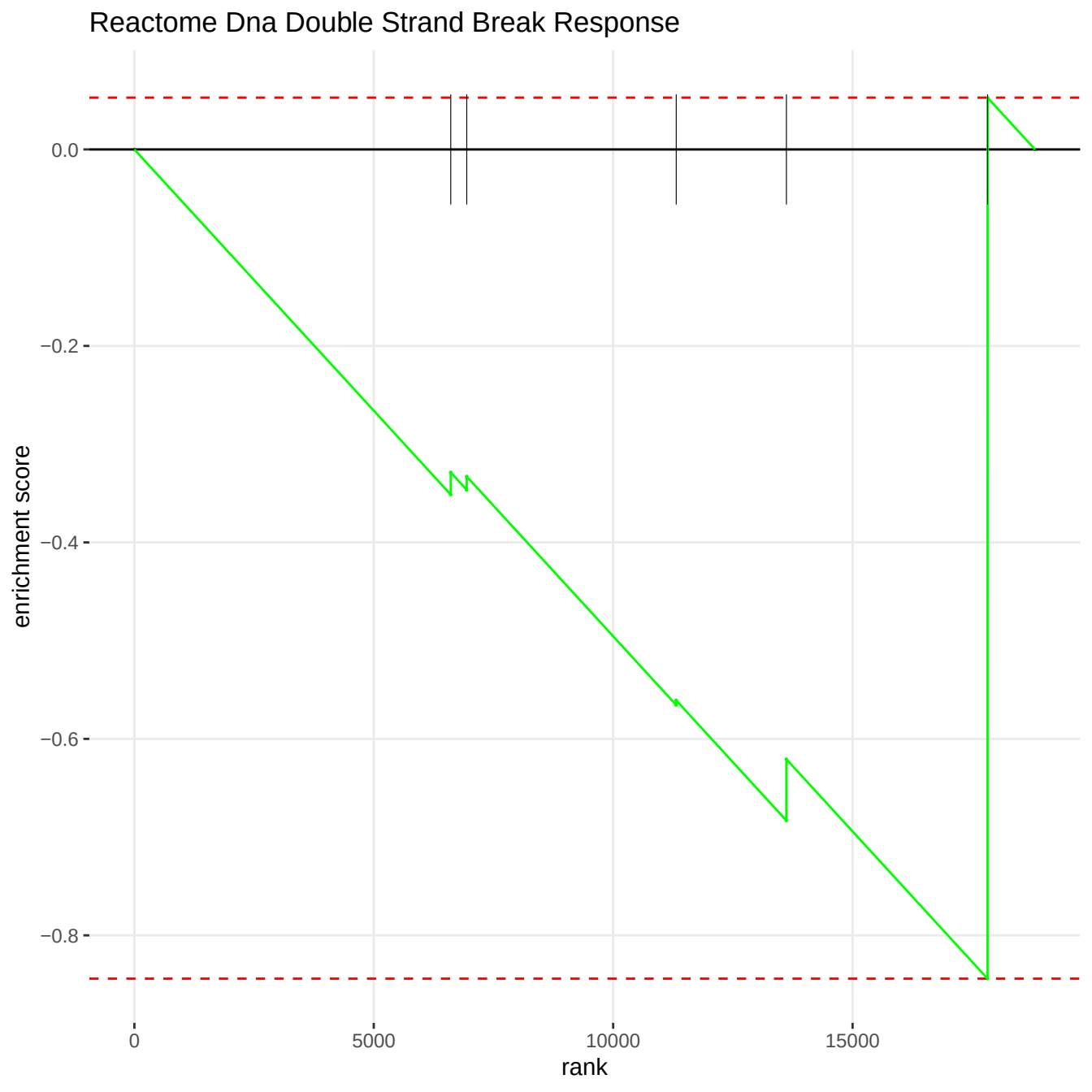

Reactome Displacement Of Dna Glycosylase By Apex1
0.4
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

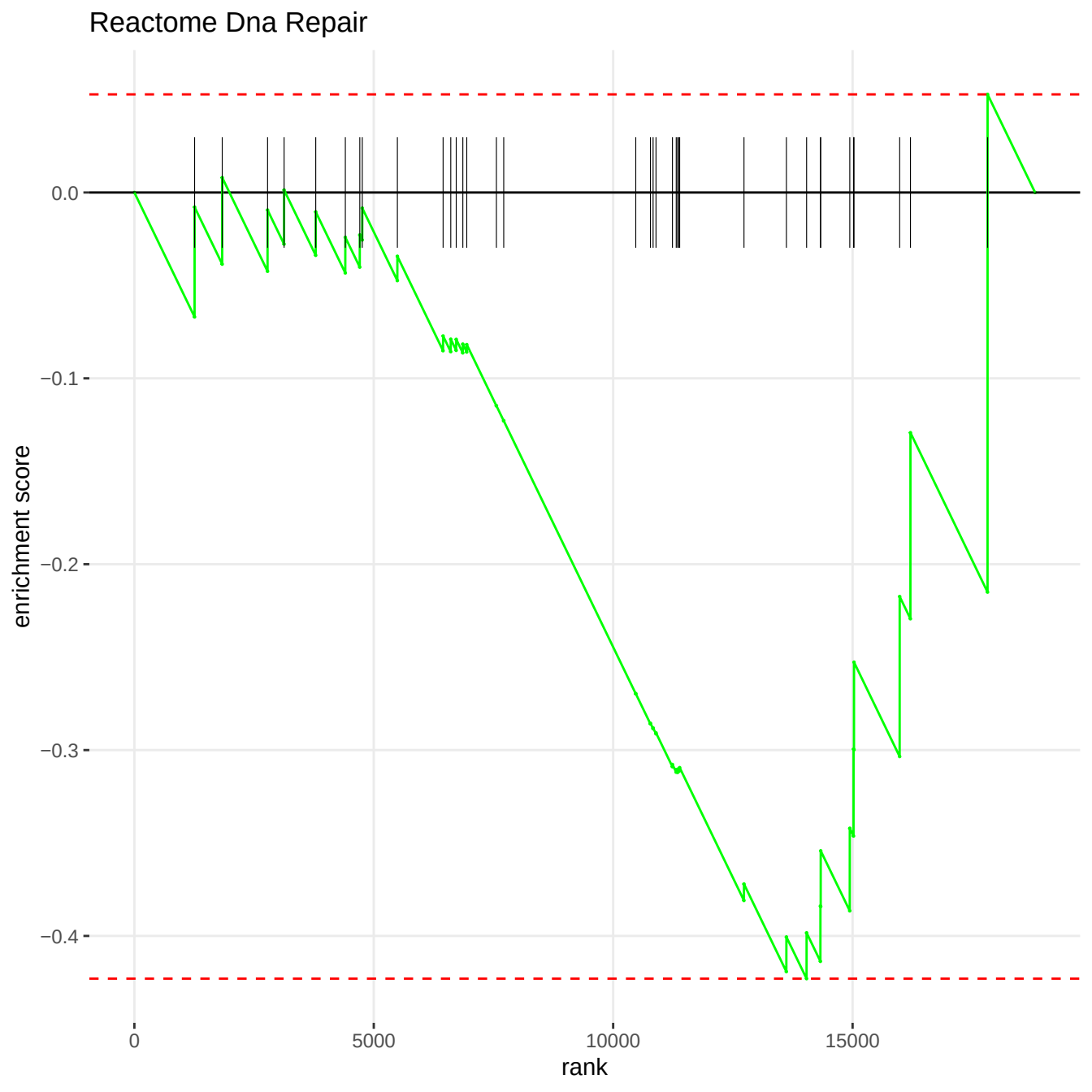
Reactome Dna Damage Bypass
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

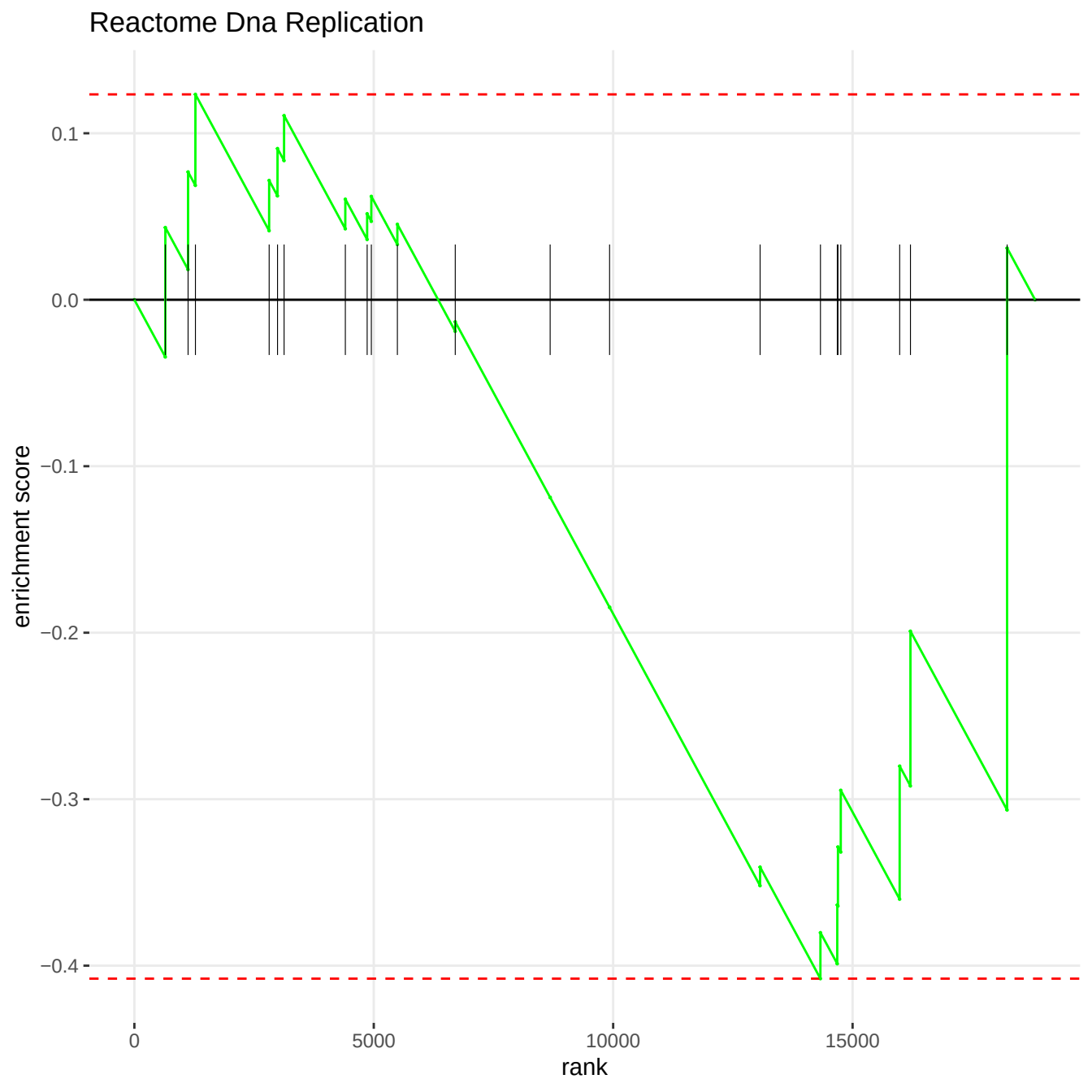

Reactome Dna Damage Recognition In Gg Ner
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

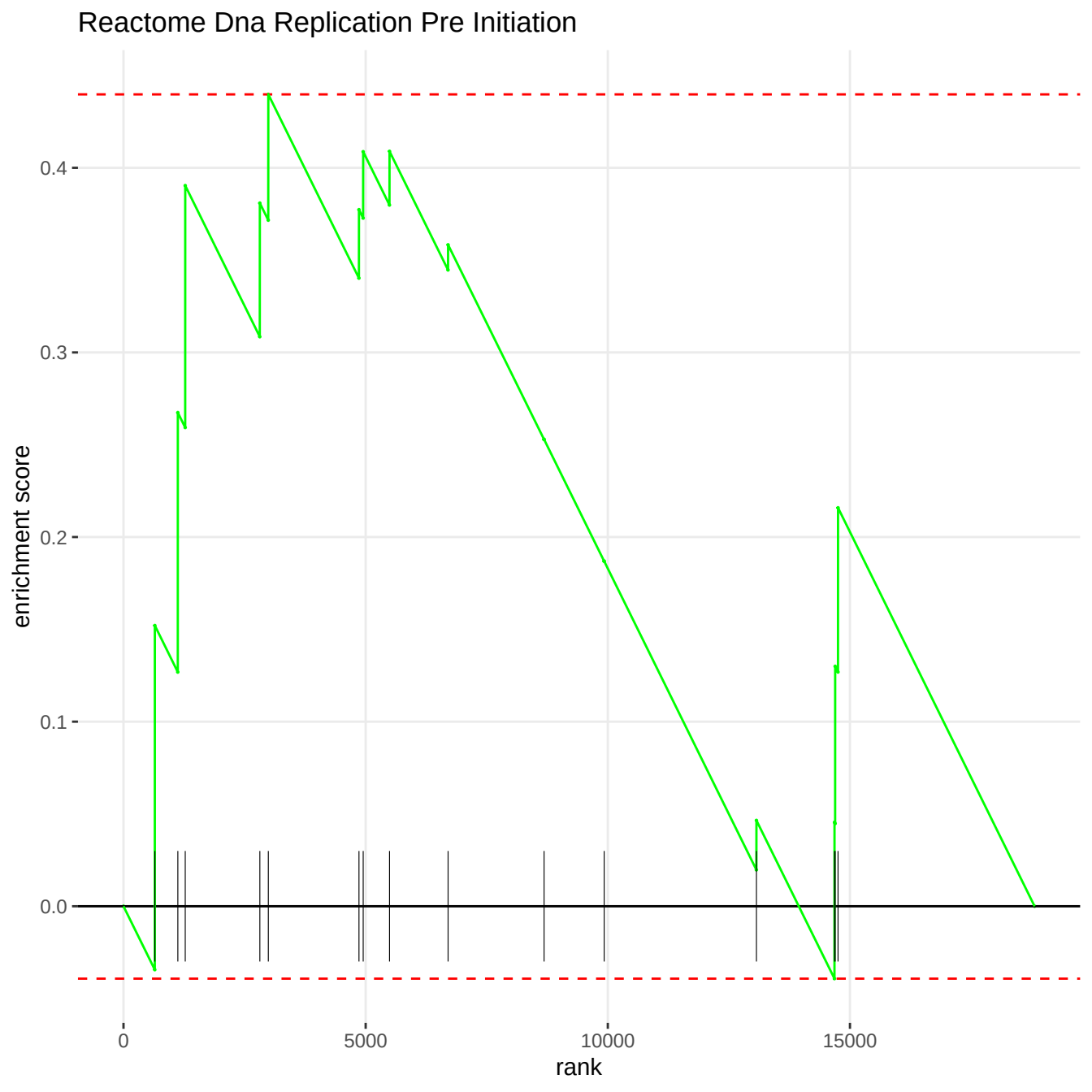

Reactome Dna Damage Telomere Stress Induced Senescence
0.2
0.0
−0.2
enrichment score
0
5000
10000
15000
rank

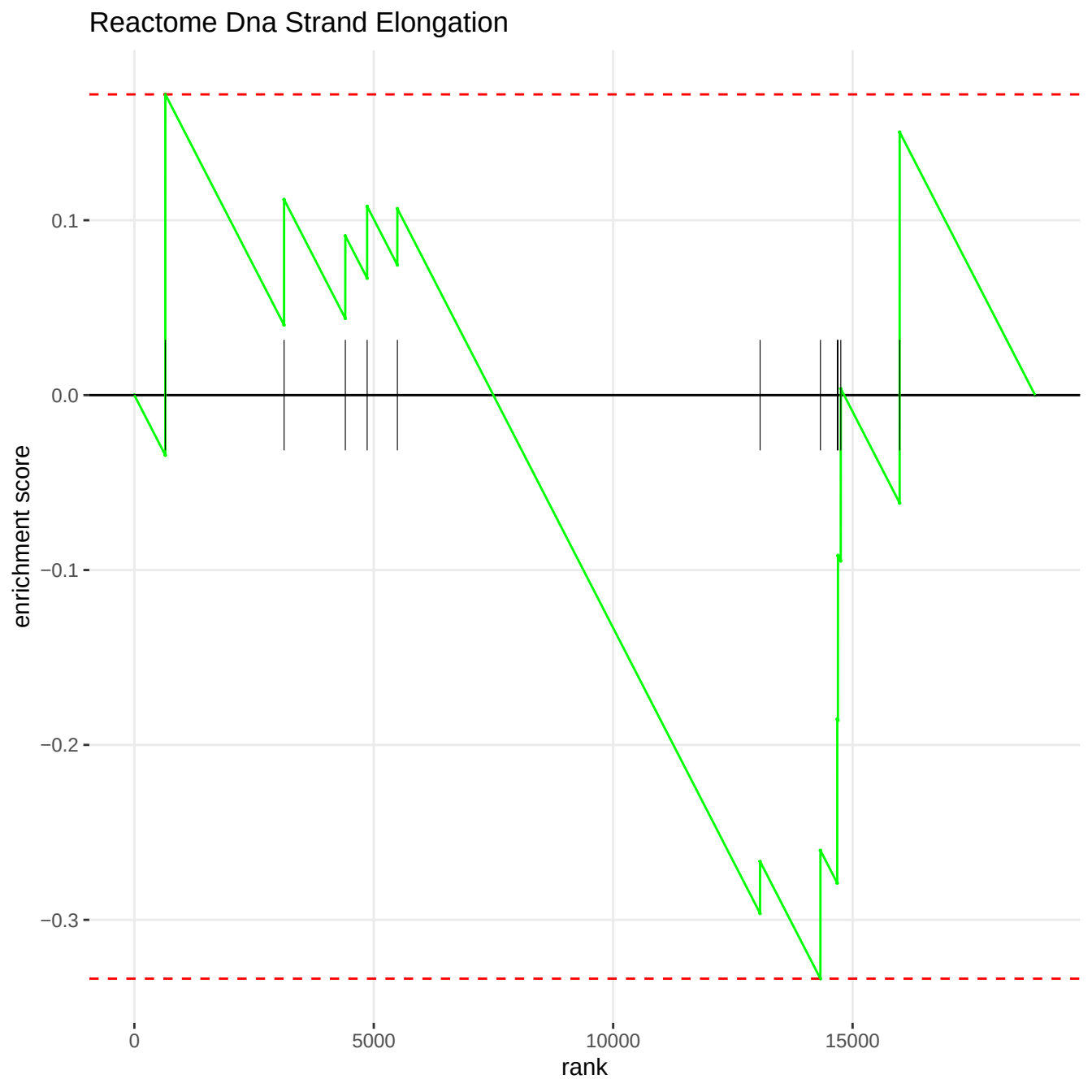

Reactome Dna Double Strand Break Repair
0.0
−0.1
−0.2
−0.3
−0.4
enrichment score
0
5000
10000
15000
rank

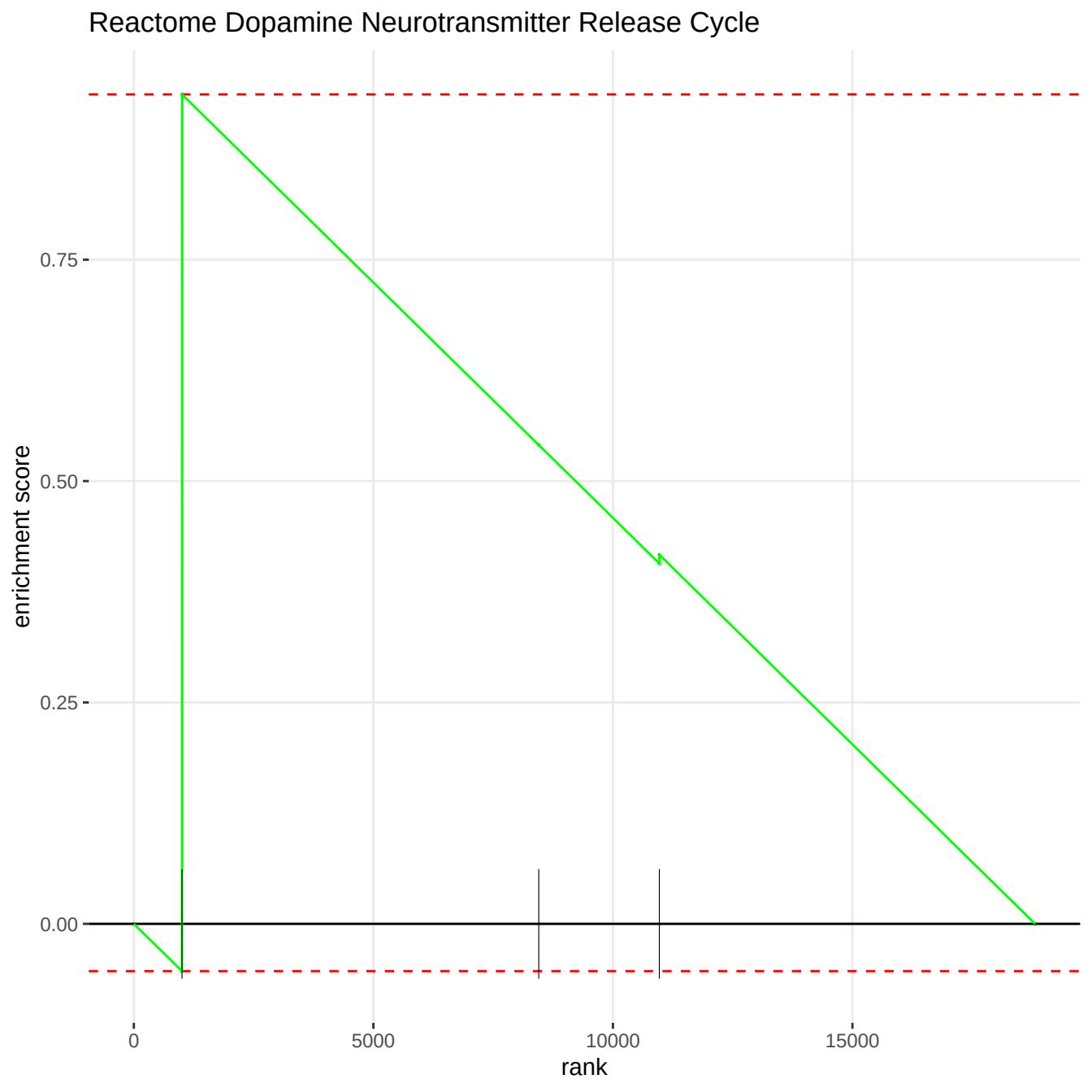

Reactome Dna Double Strand Break Response
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Dna Repair
0.0
−0.1
−0.2
−0.3
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Dna Replication
0.1
0.0
−0.1
−0.2
−0.3
−0.4
enrichment score
0
5000
10000
15000
rank

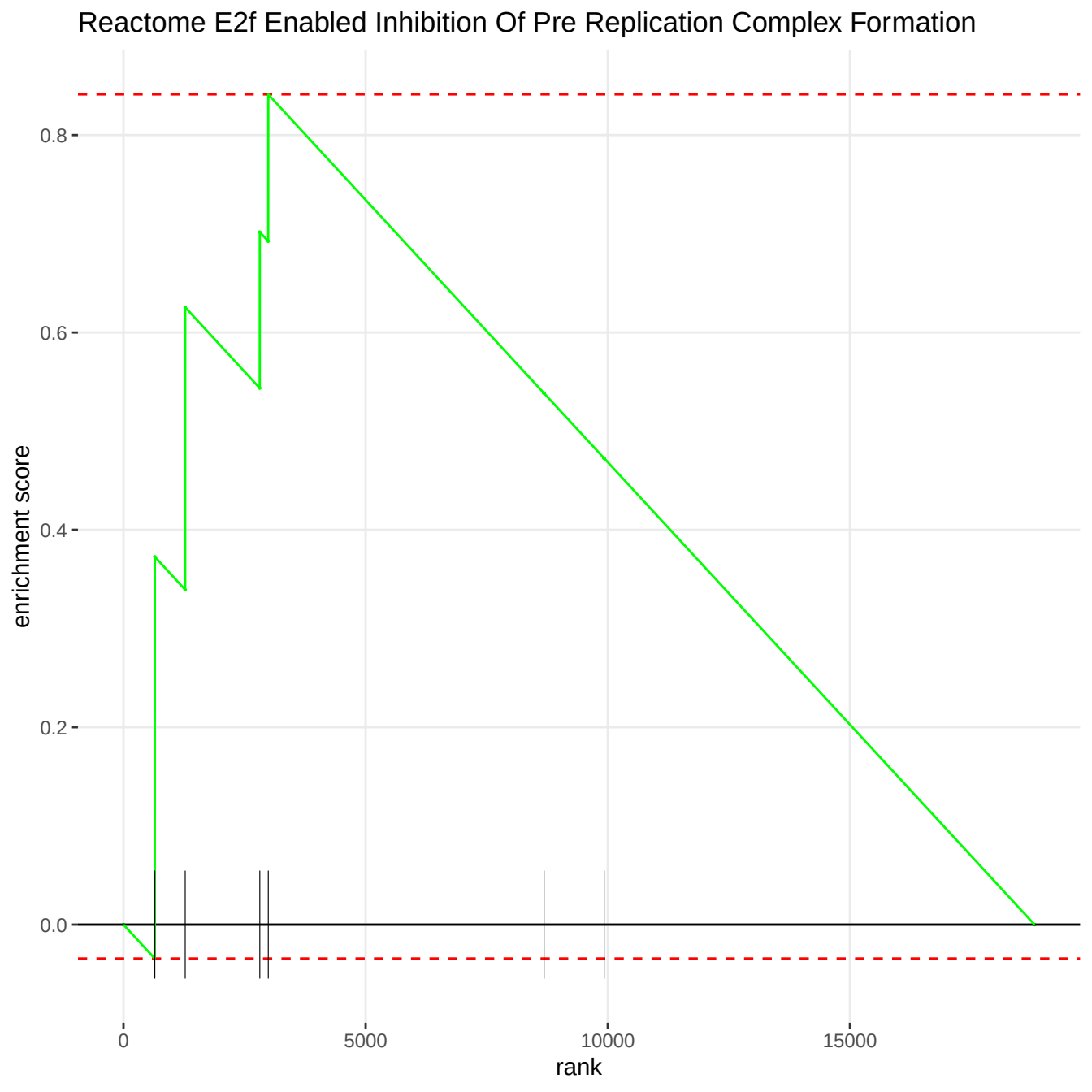

Reactome Dna Replication Pre Initiation
0.4
0.3
0.2
0.1
0.0
enrichment score
0
5000
10000
15000
rank

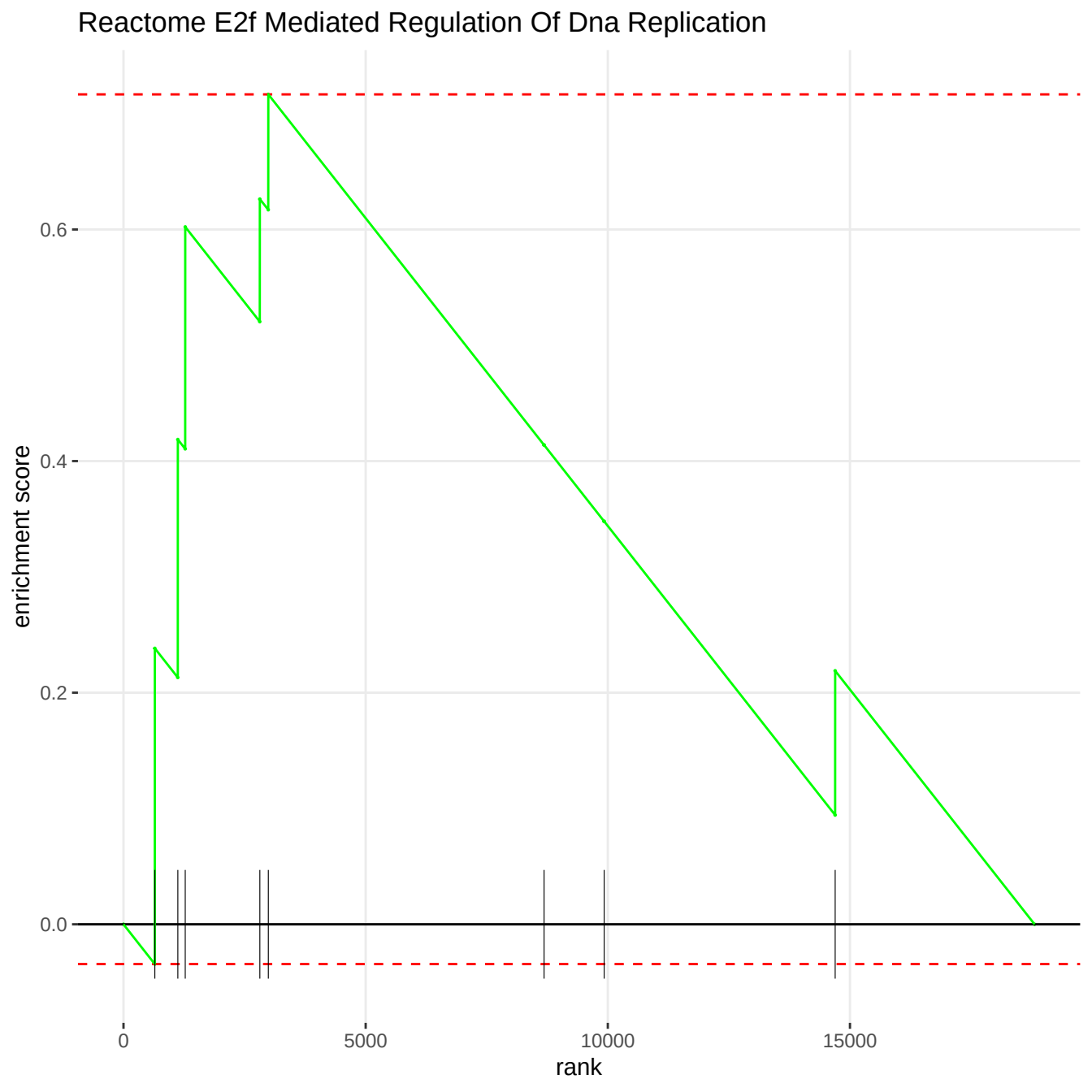

Reactome Dna Strand Elongation
0.1
0.0
−0.1
−0.2
−0.3
enrichment score
0
5000
10000
15000
rank

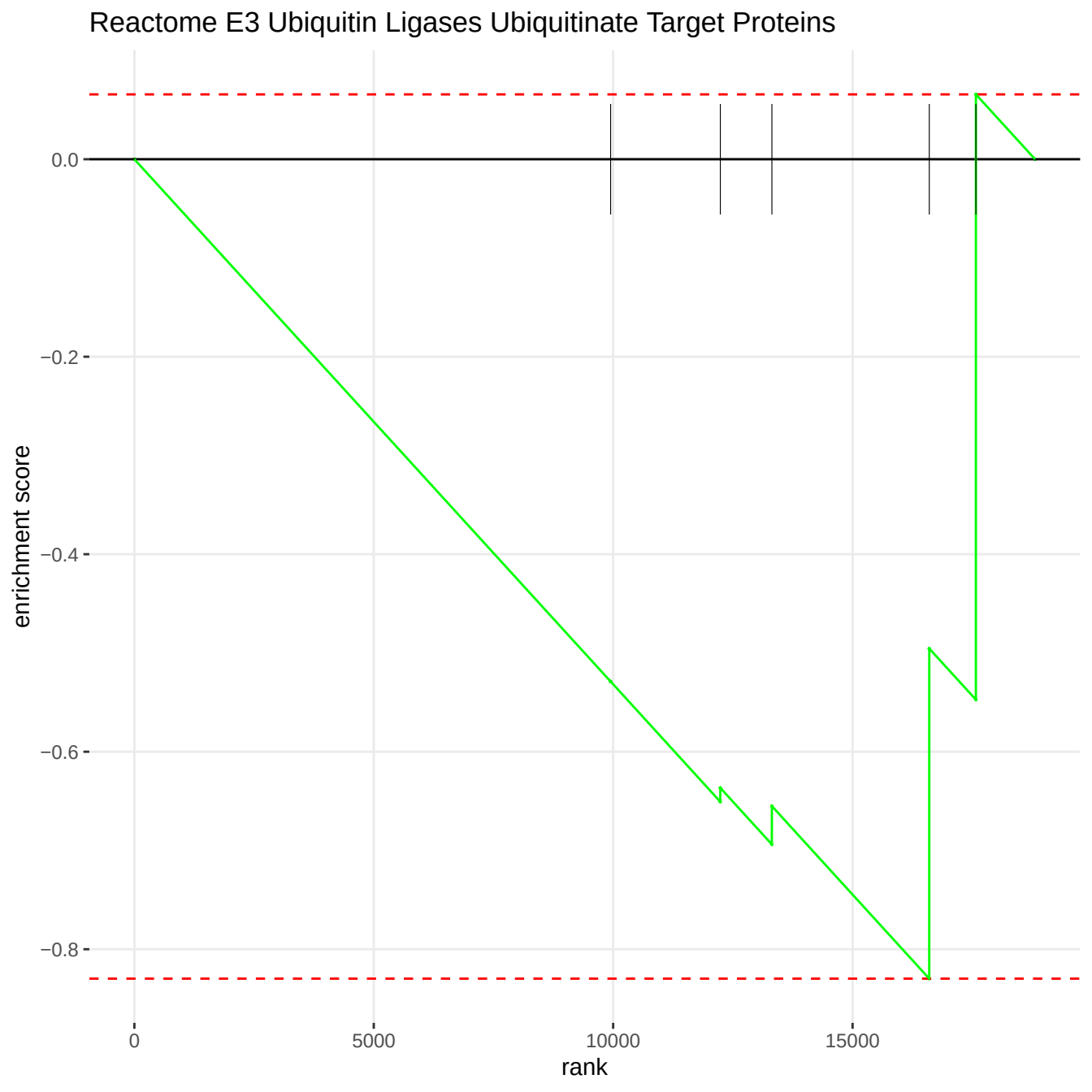

Reactome Dopamine Neurotransmitter Release Cycle
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

Reactome Dual Incision In Gg Ner
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

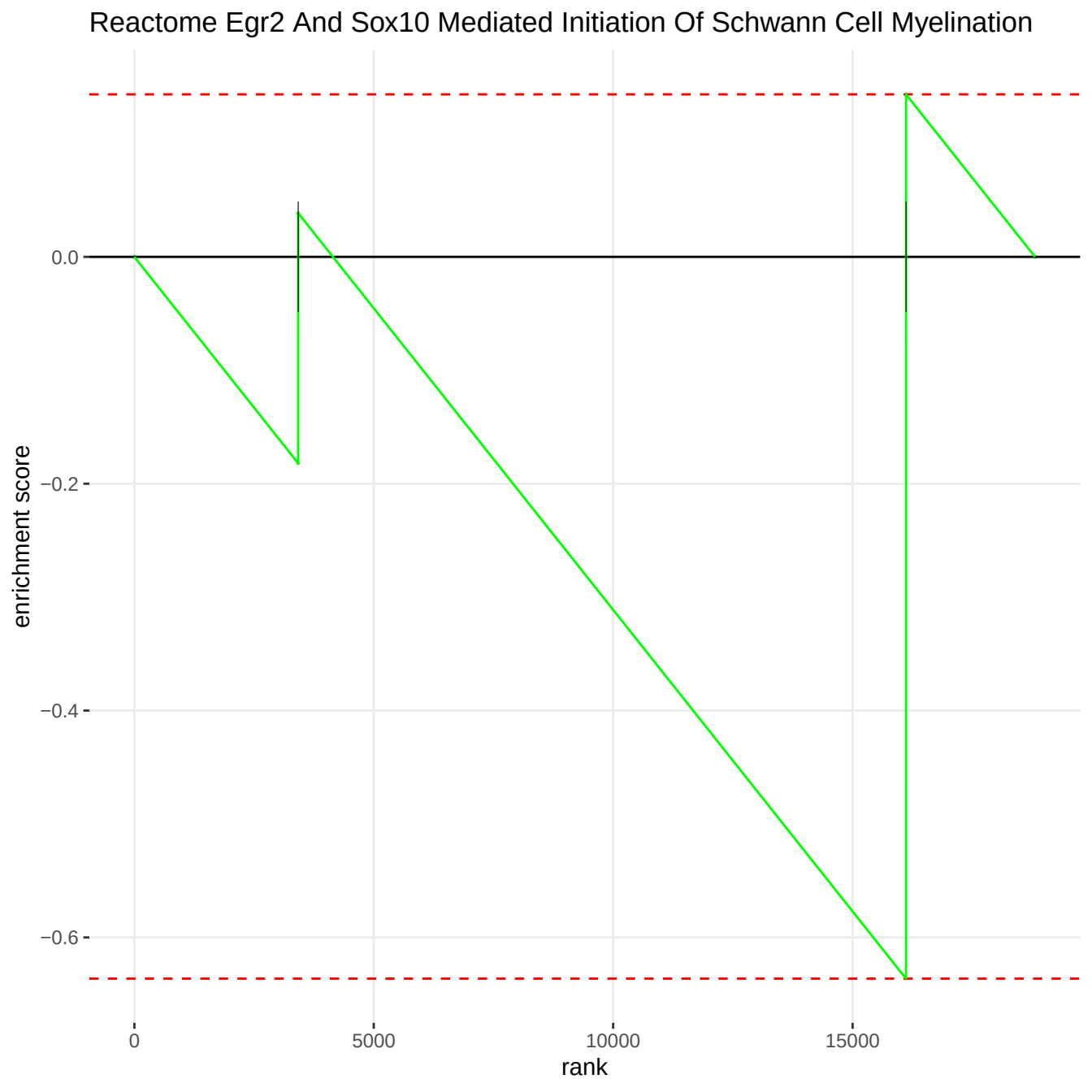
Reactome Dual Incision In Tc Ner
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome E2f Enabled Inhibition Of Pre Replication Complex Formation
enrichment score
0.8
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

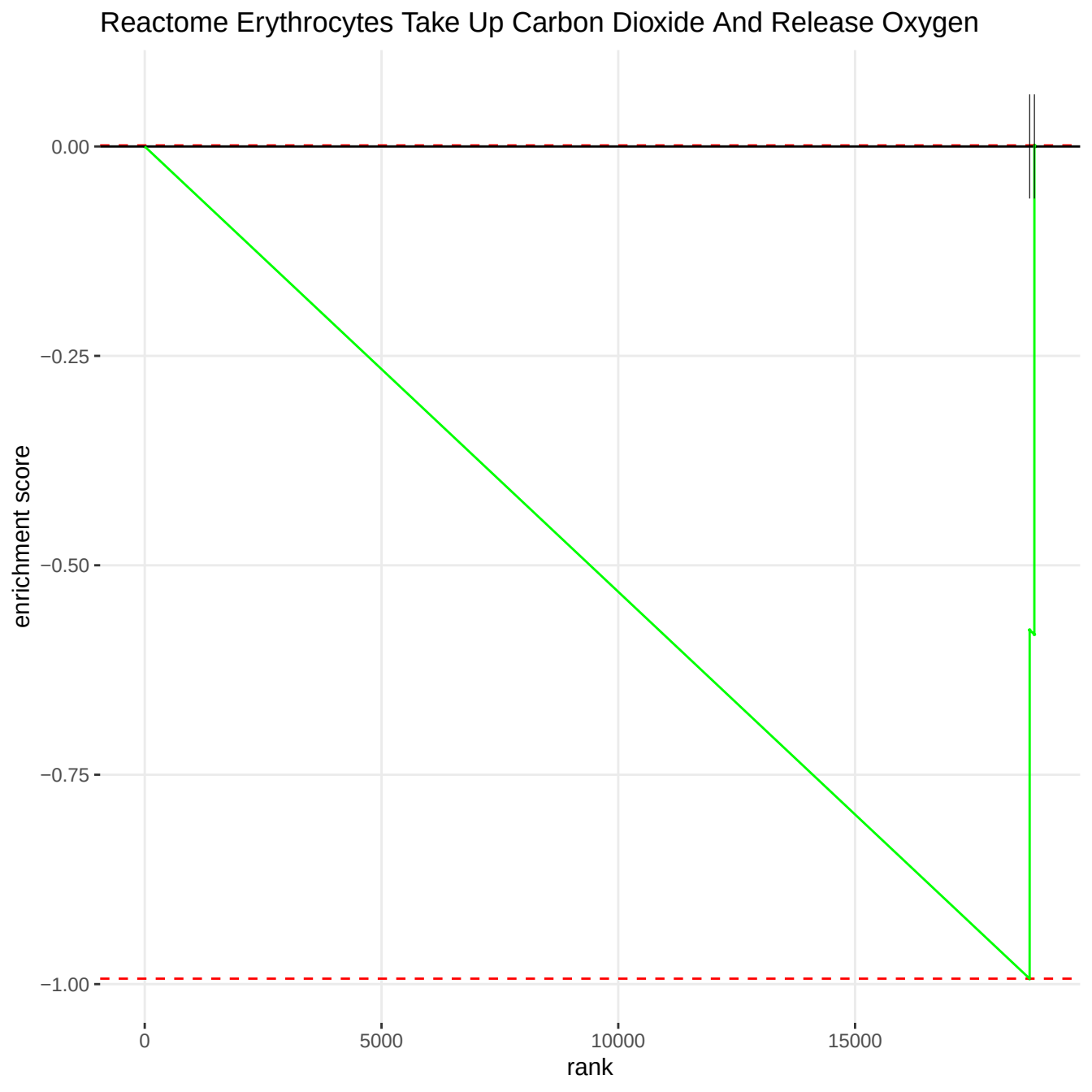

Reactome E2f Mediated Regulation Of Dna Replication
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

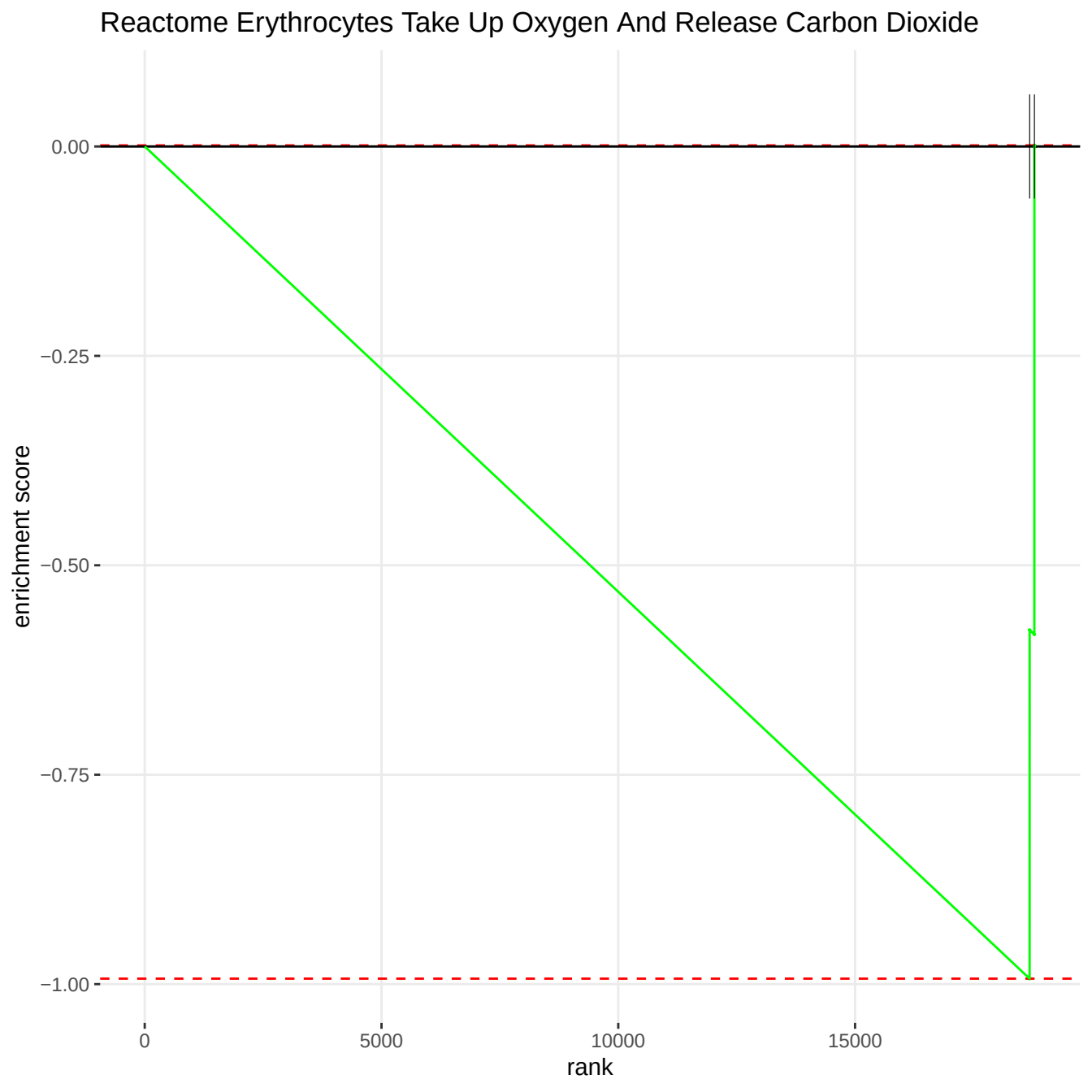

Reactome E3 Ubiquitin Ligases Ubiquitinate Target Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

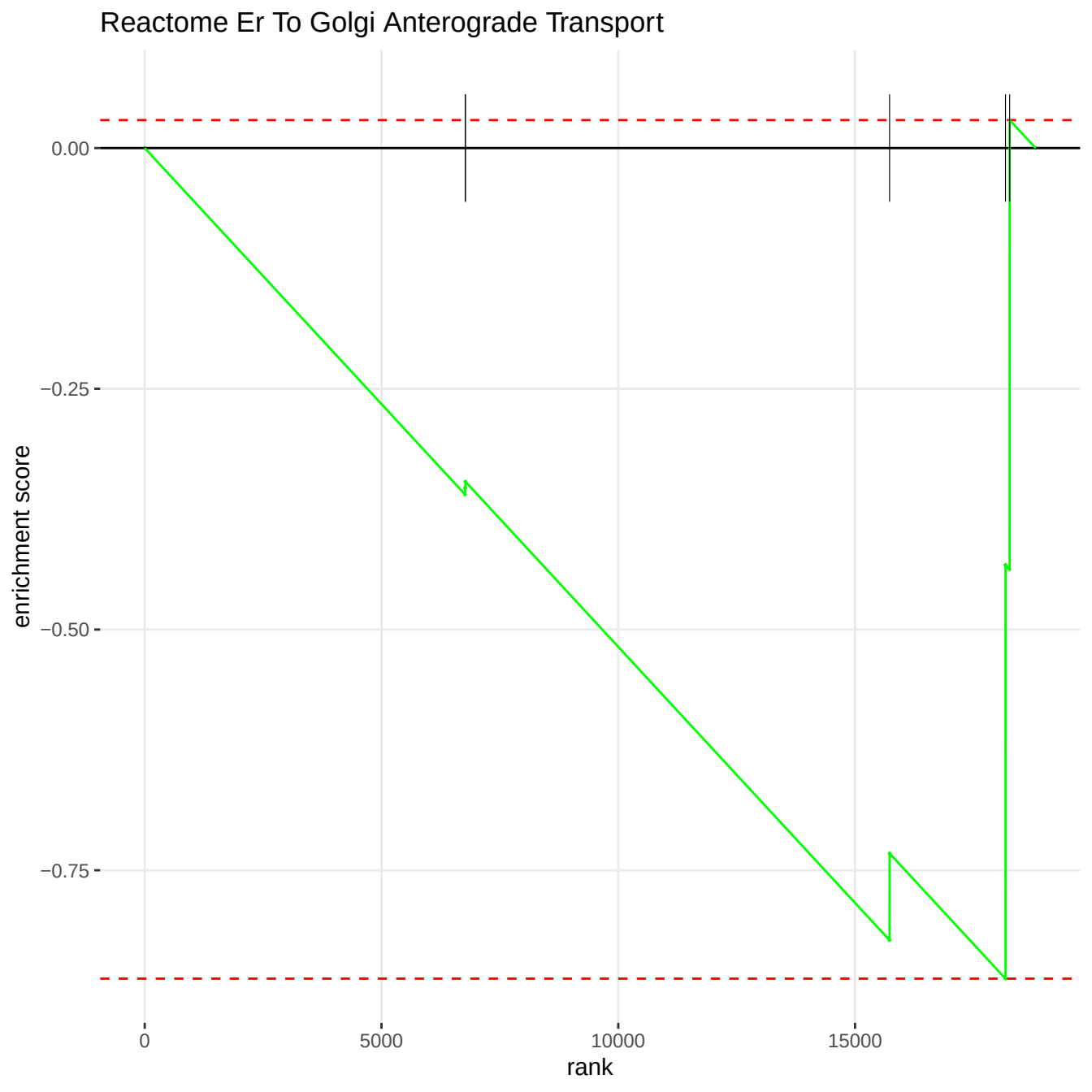
Reactome Ecm Proteoglycans
0.8
0.6
0.4
0.2
0.0
enrichment score
0
5000
10000
15000
rank

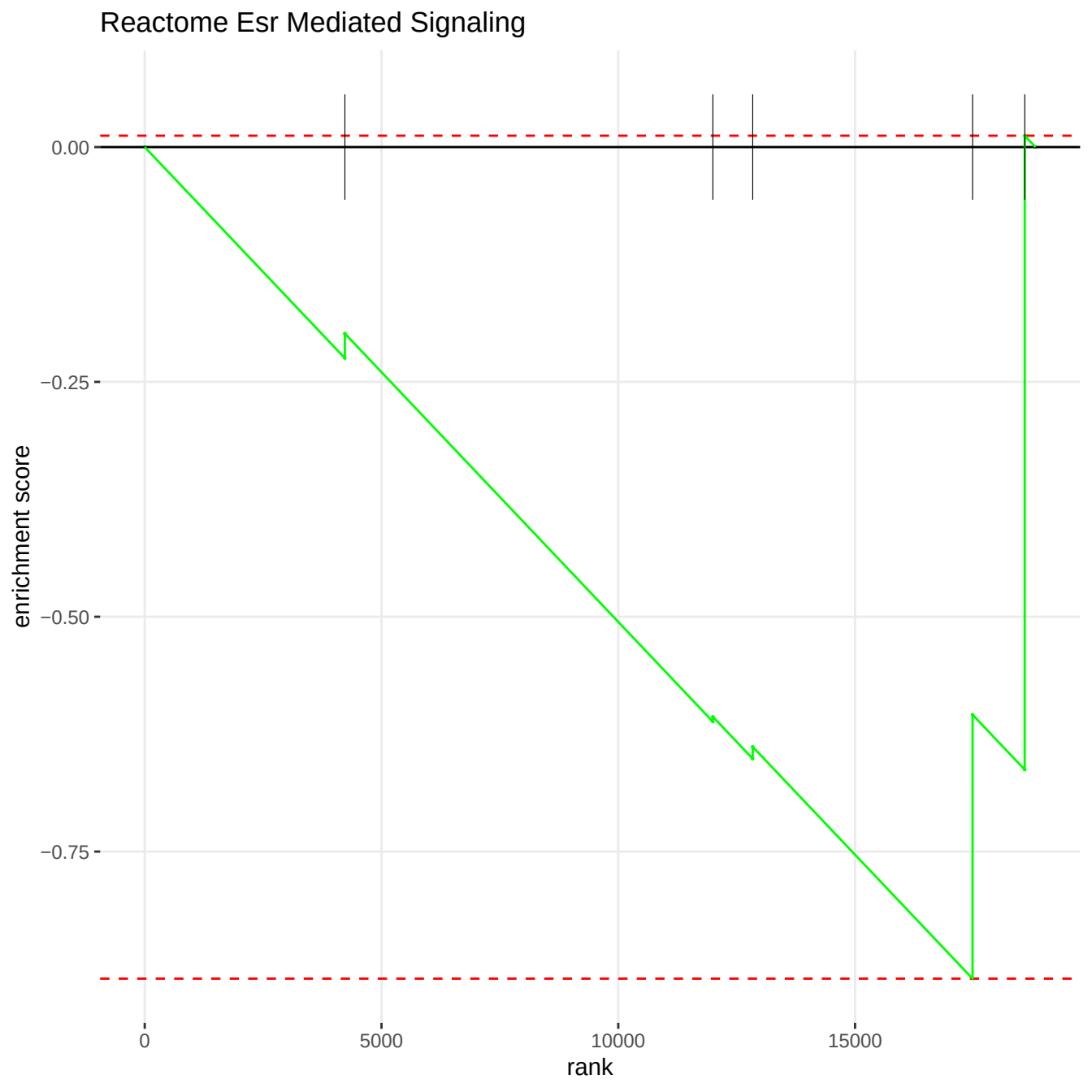

Reactome Egr2 And Sox10 Mediated Initiation Of Schwann Cell Myelination
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

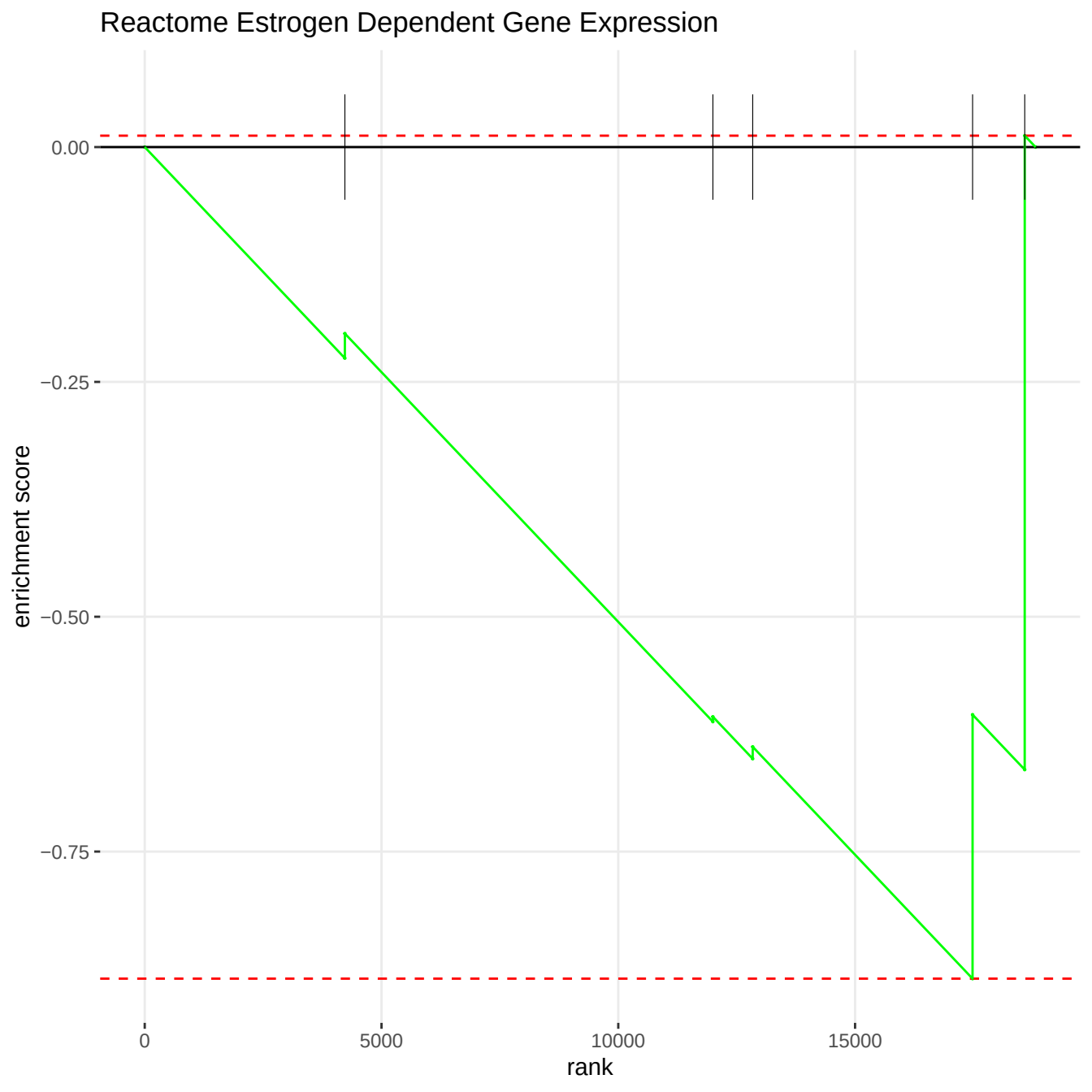
Reactome Epigenetic Regulation Of Gene Expression
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

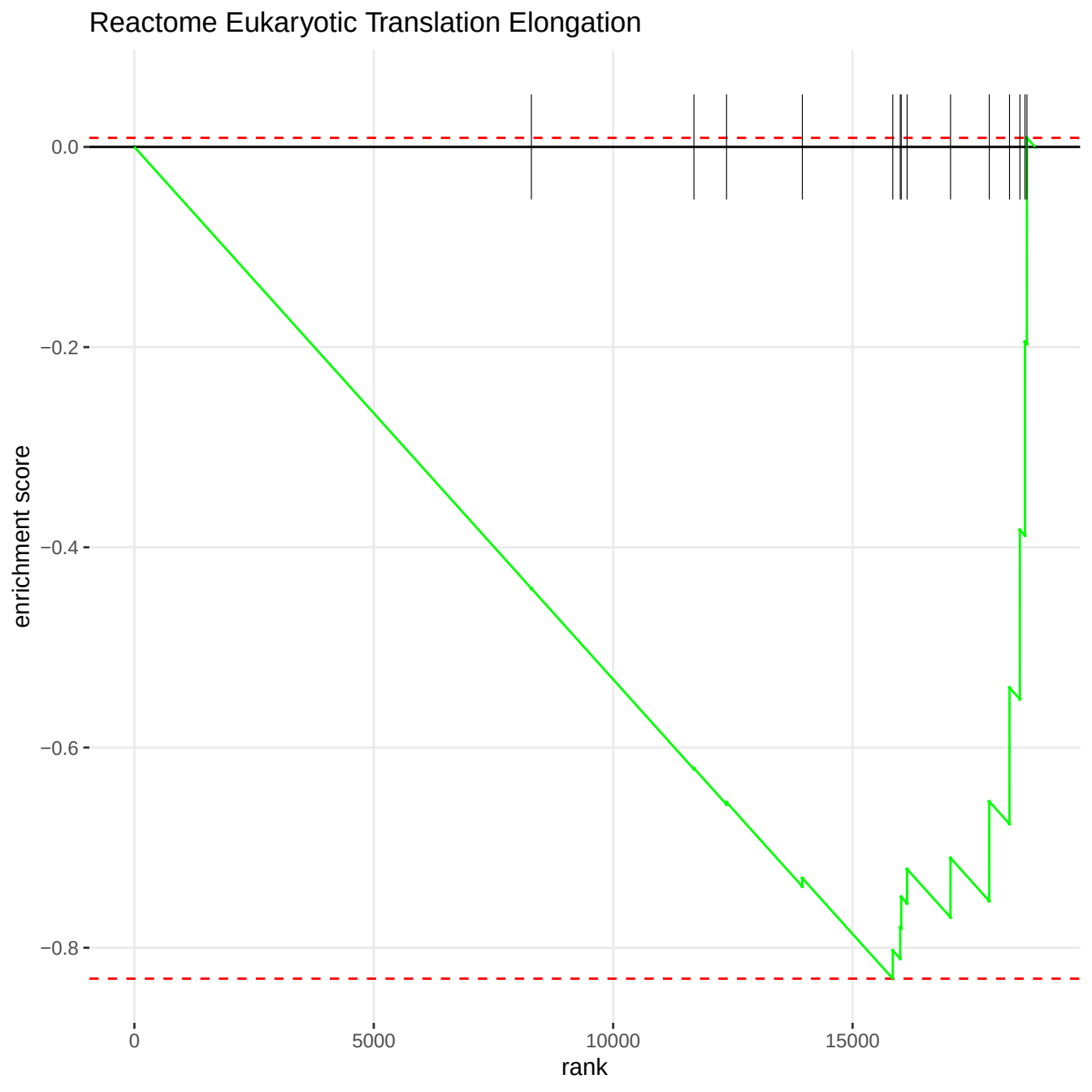

Reactome Erythrocytes Take Up Carbon Dioxide And Release Oxygen
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

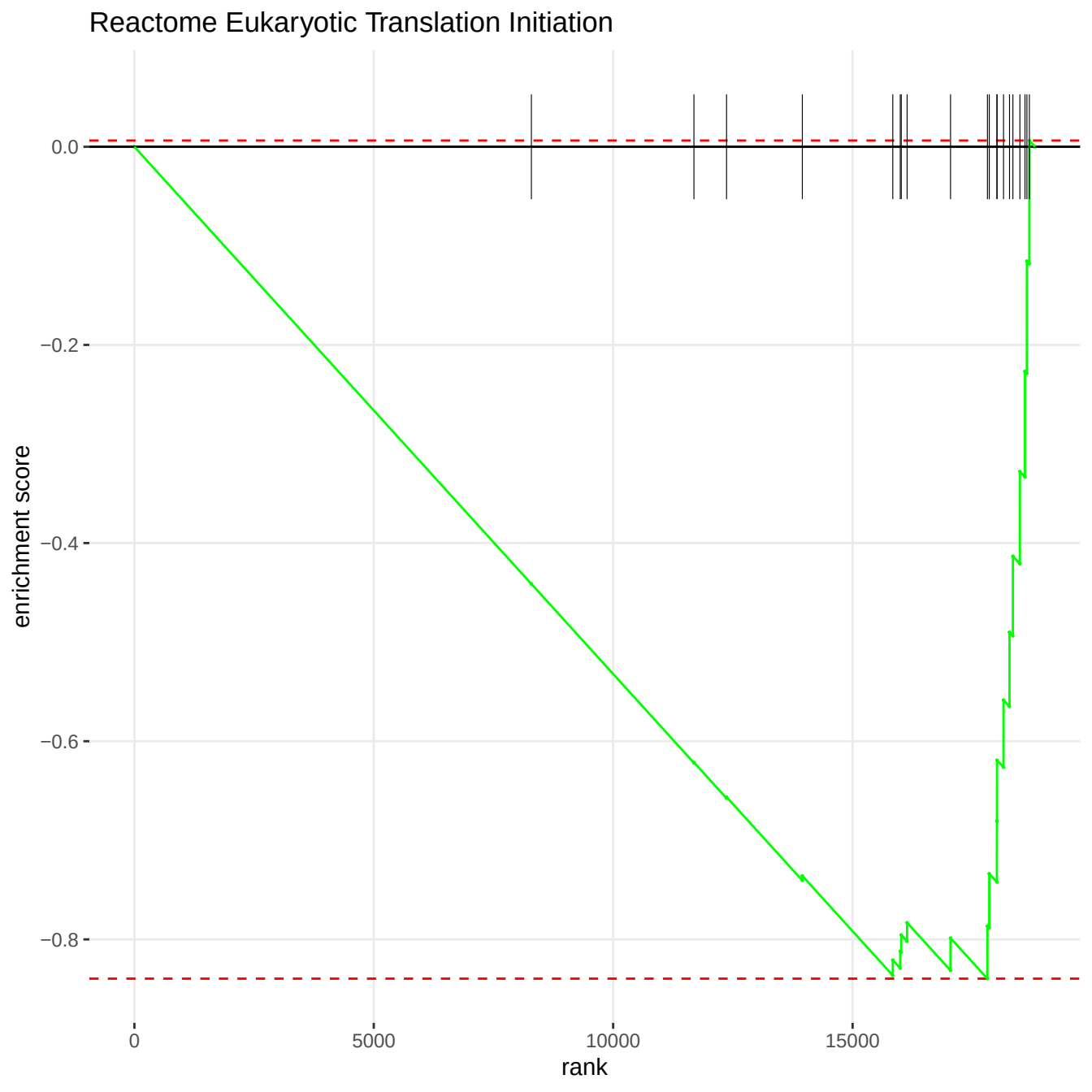

Reactome Erythrocytes Take Up Oxygen And Release Carbon Dioxide
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

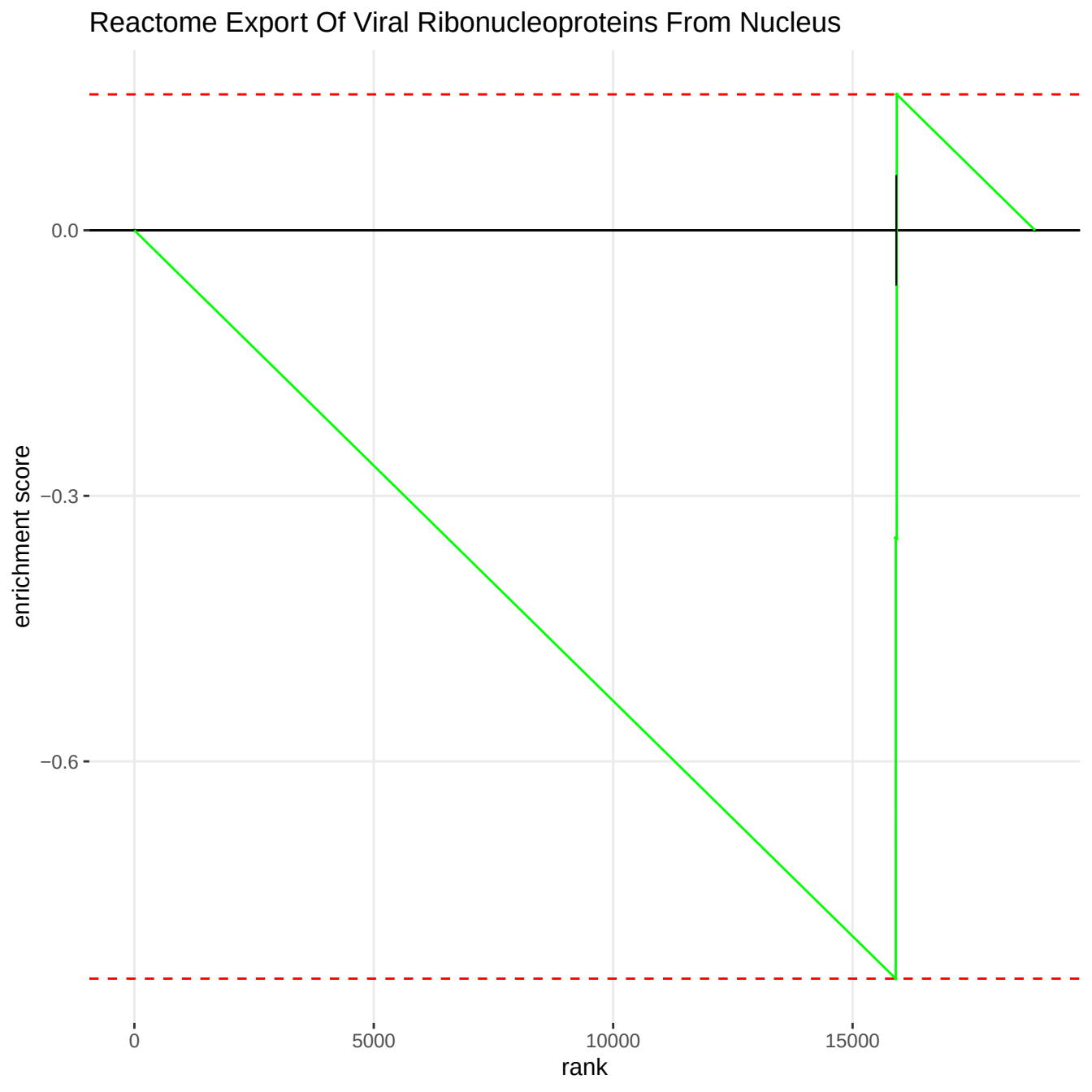

Reactome Er To Golgi Anterograde Transport
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

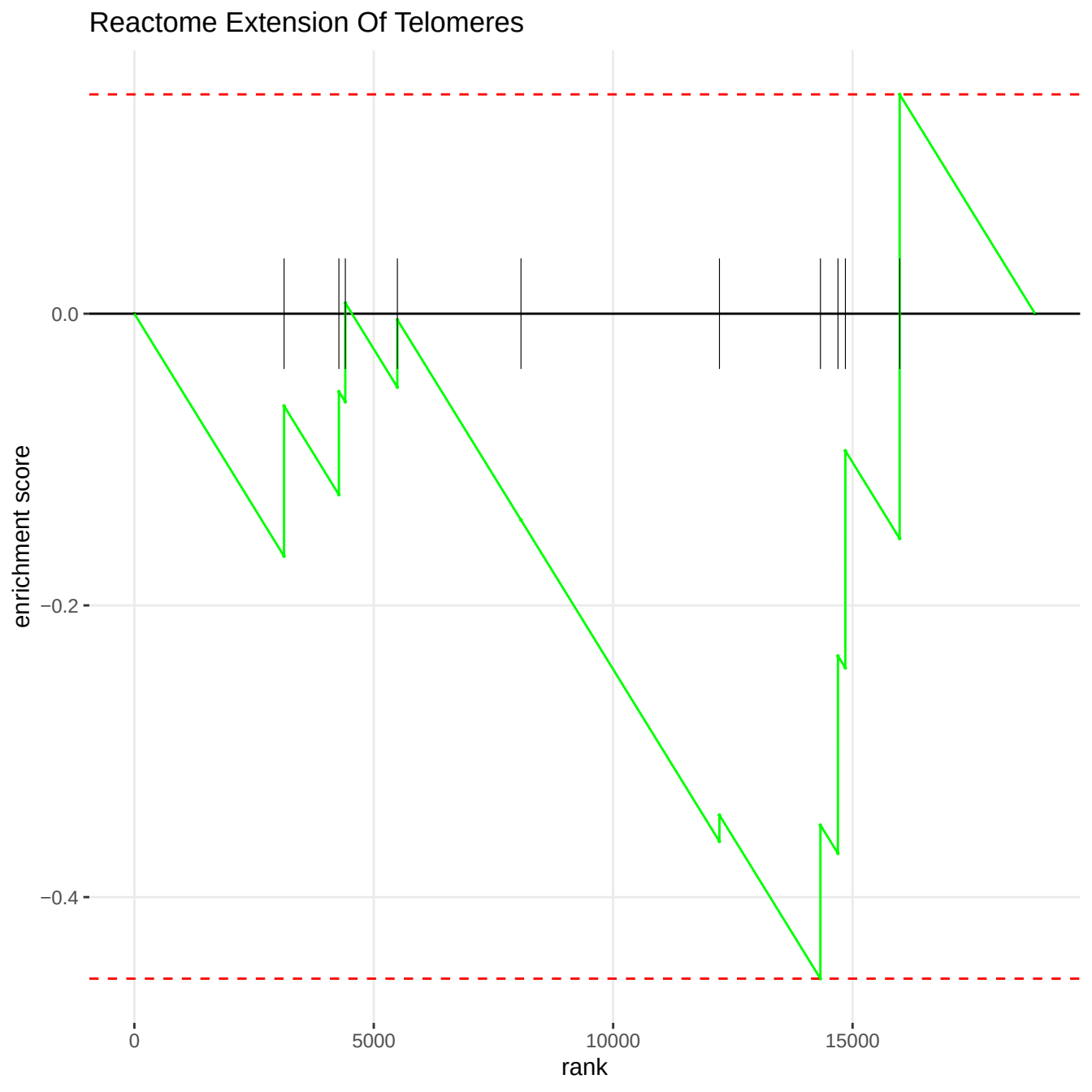

Reactome Esr Mediated Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Estrogen Dependent Gene Expression
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Eukaryotic Translation Elongation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

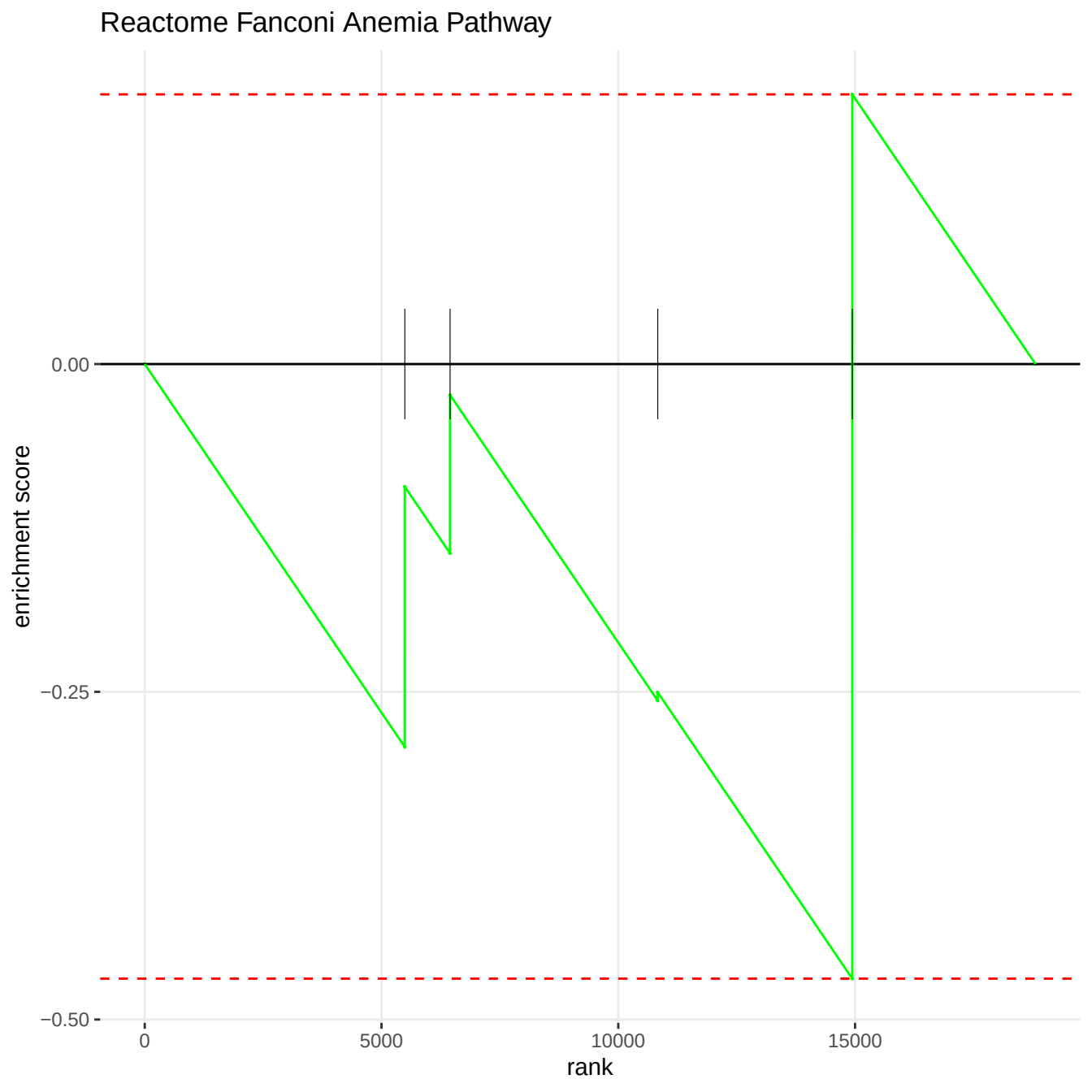

Reactome Eukaryotic Translation Initiation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

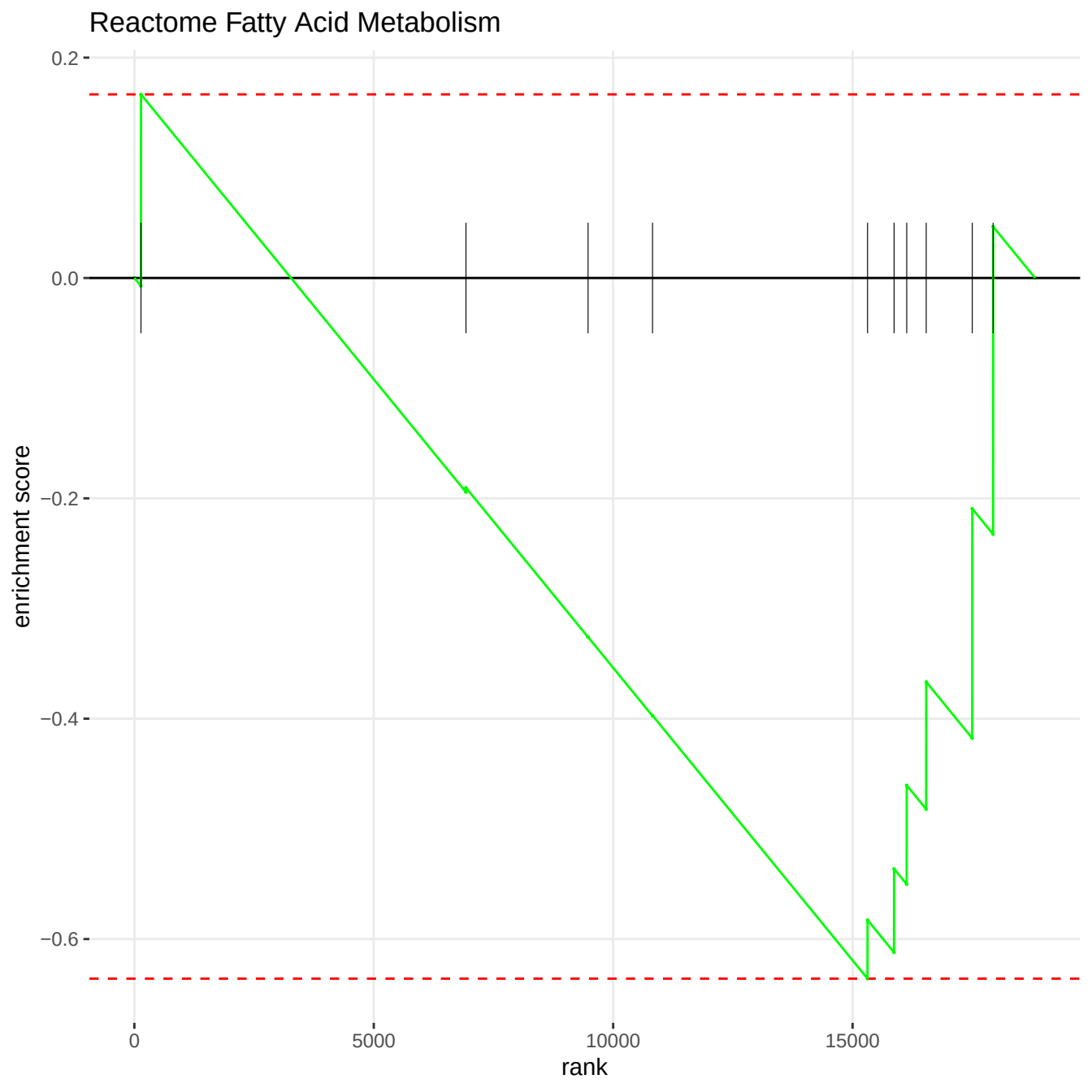

Reactome Export Of Viral Ribonucleoproteins From Nucleus
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

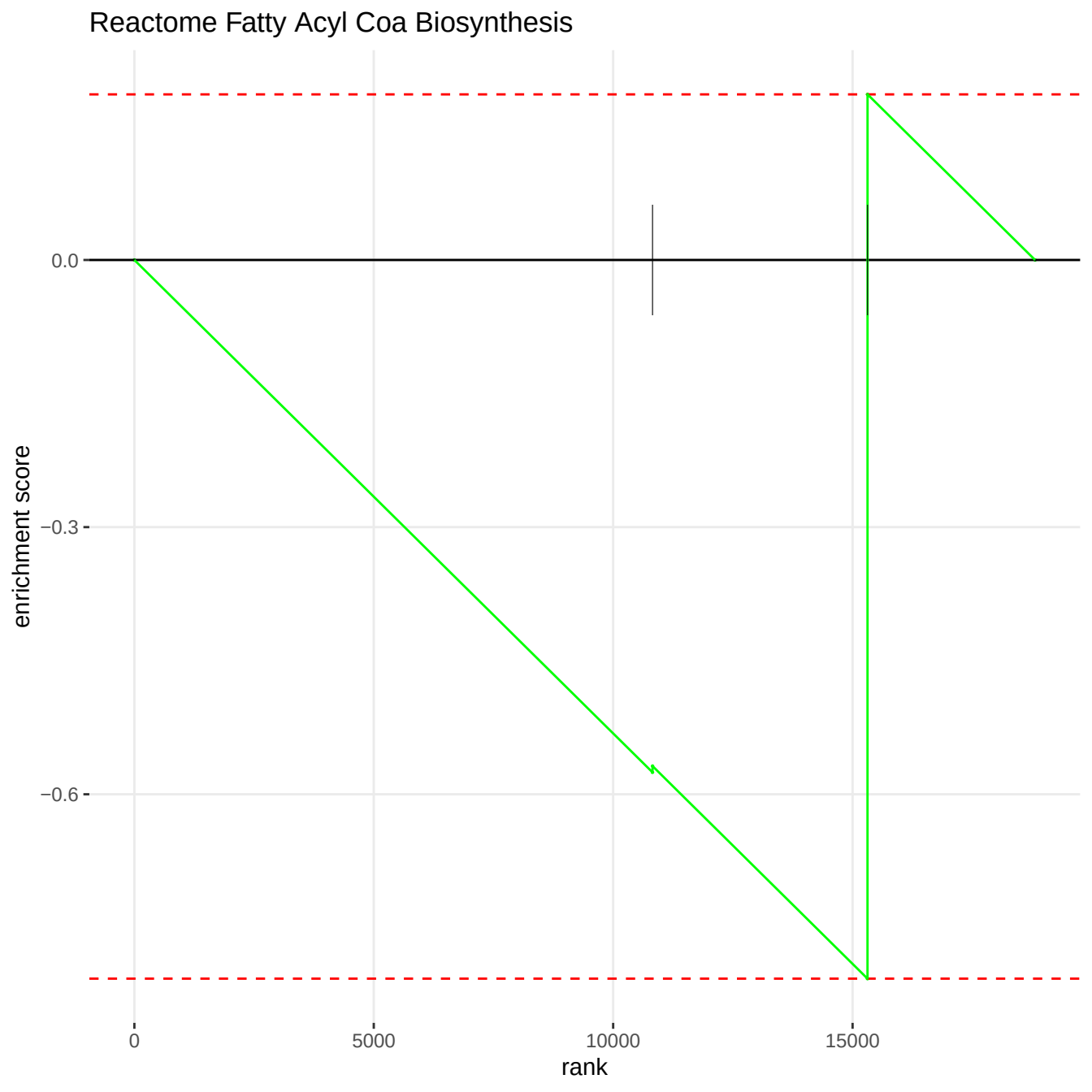

Reactome Extension Of Telomeres
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

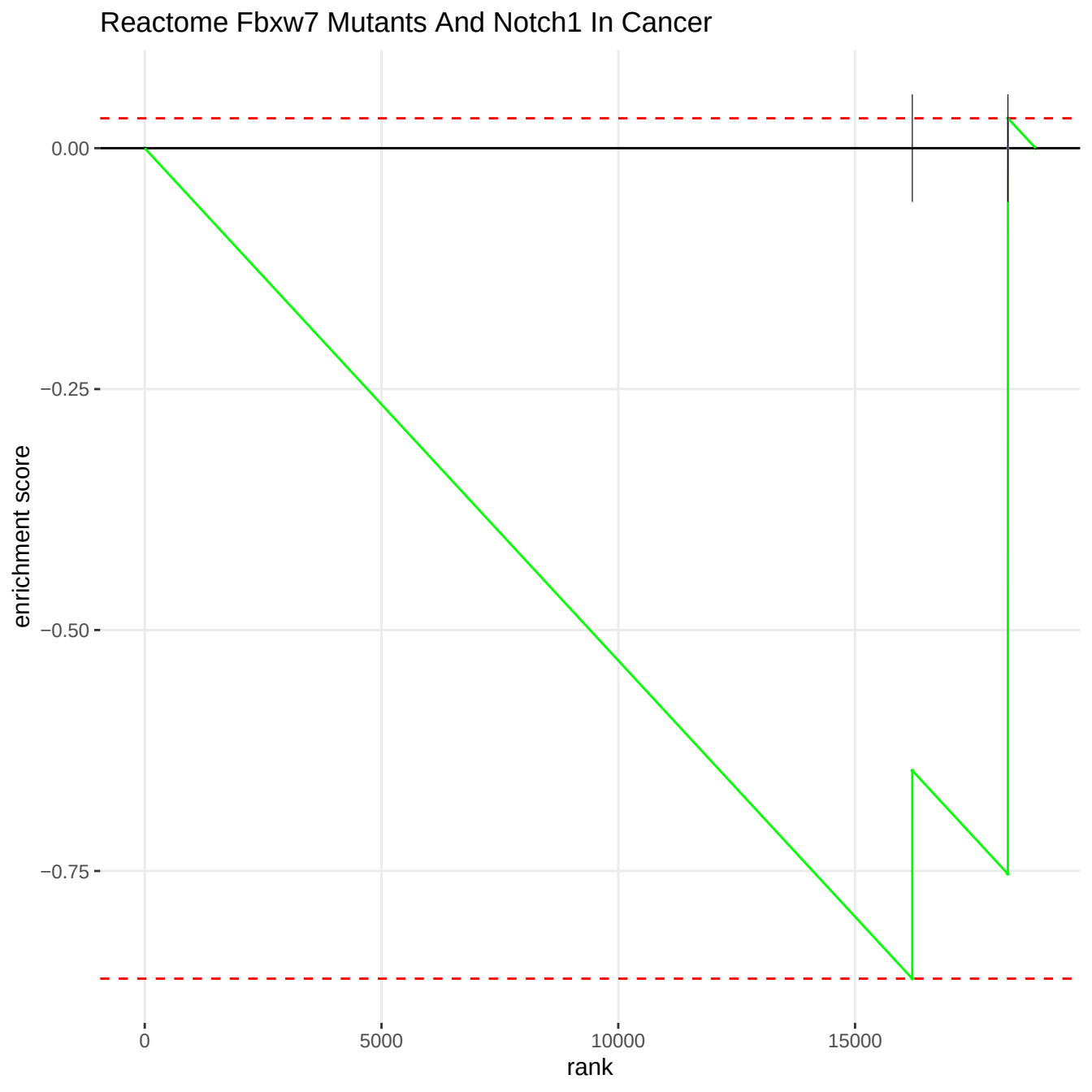
Reactome Extracellular Matrix Organization
enrichment score
0.8
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

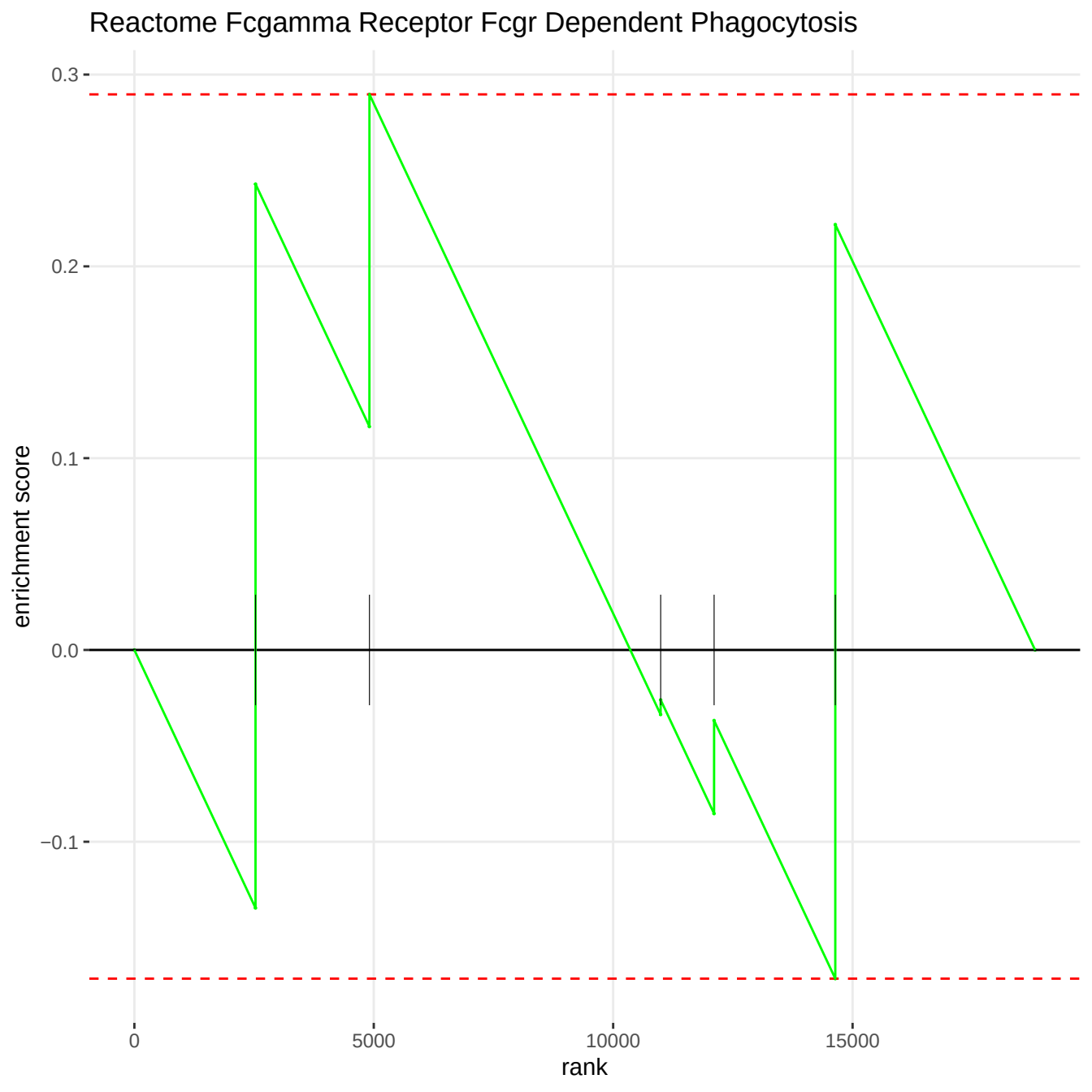
Reactome Factors Involved In Megakaryocyte Development And Platelet Product
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

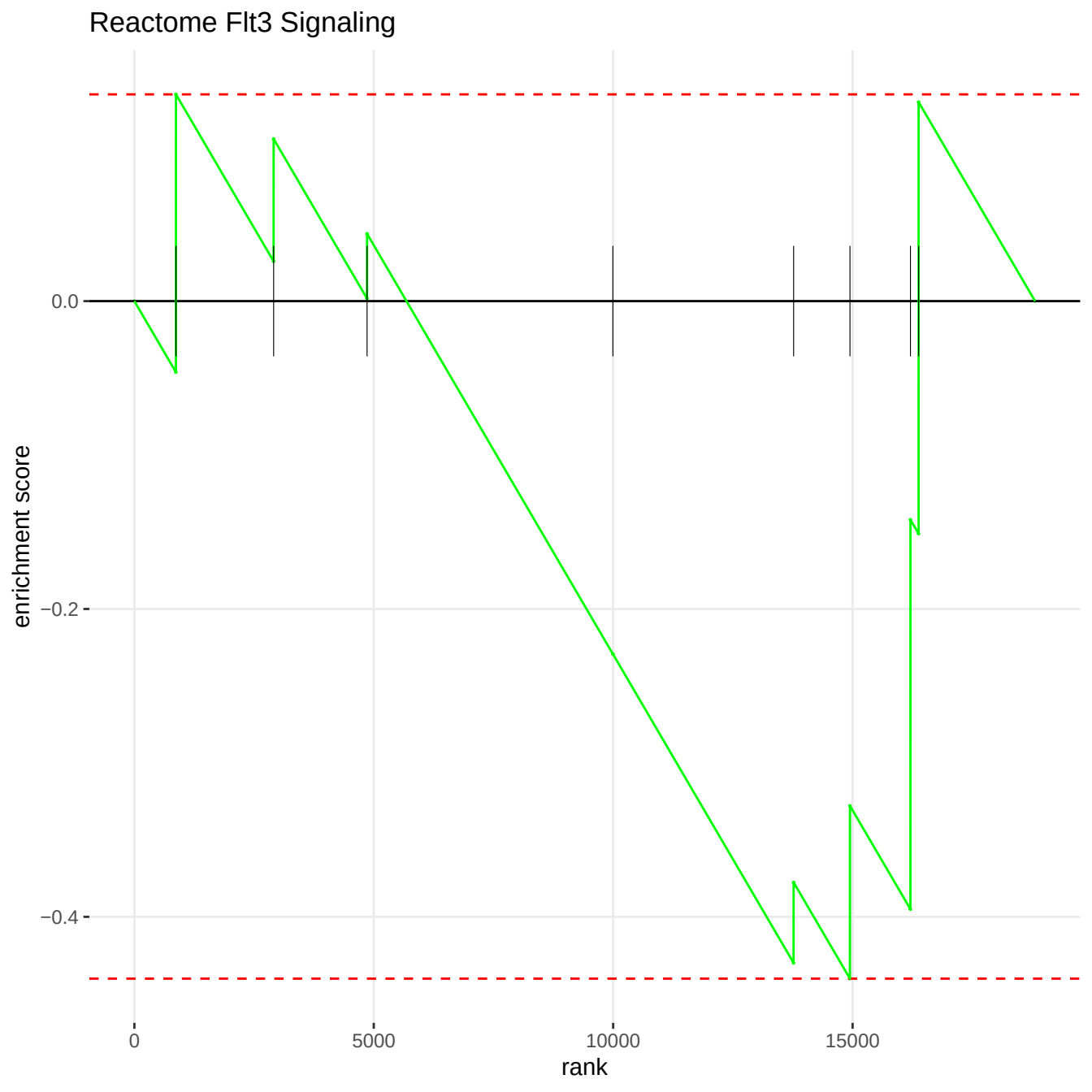

Reactome Fanconi Anemia Pathway
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

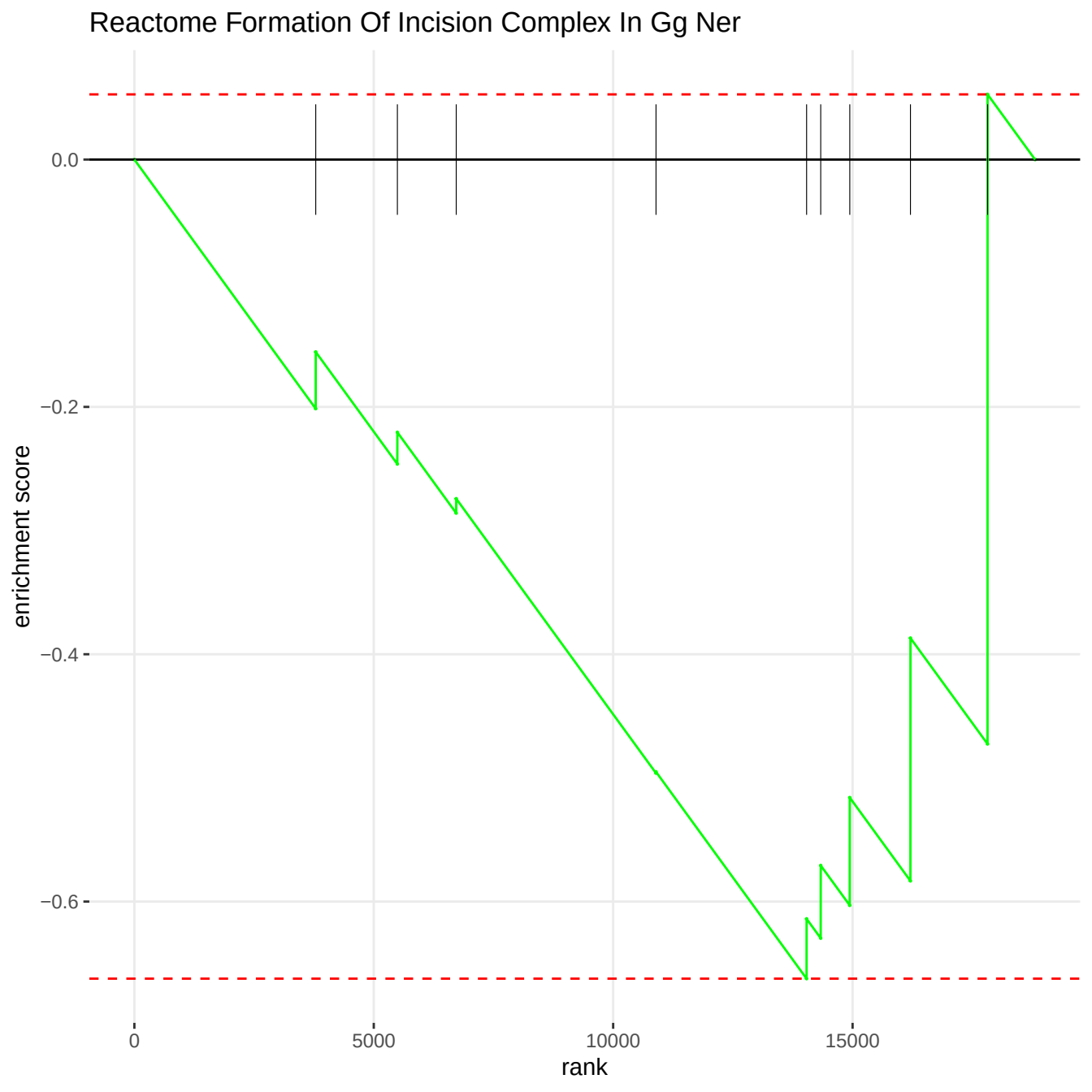

Reactome Fatty Acid Metabolism
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

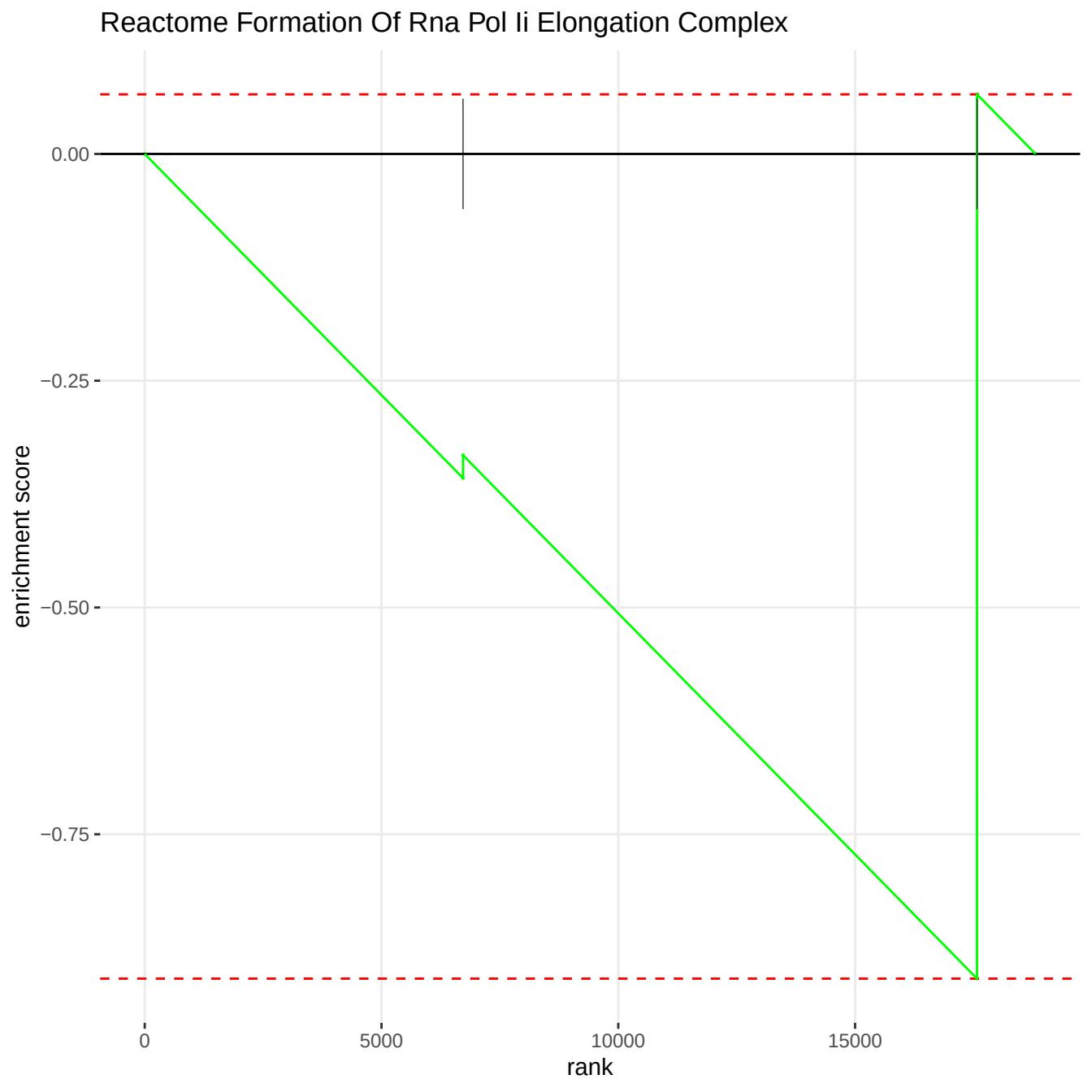

Reactome Fatty Acyl Coa Biosynthesis
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

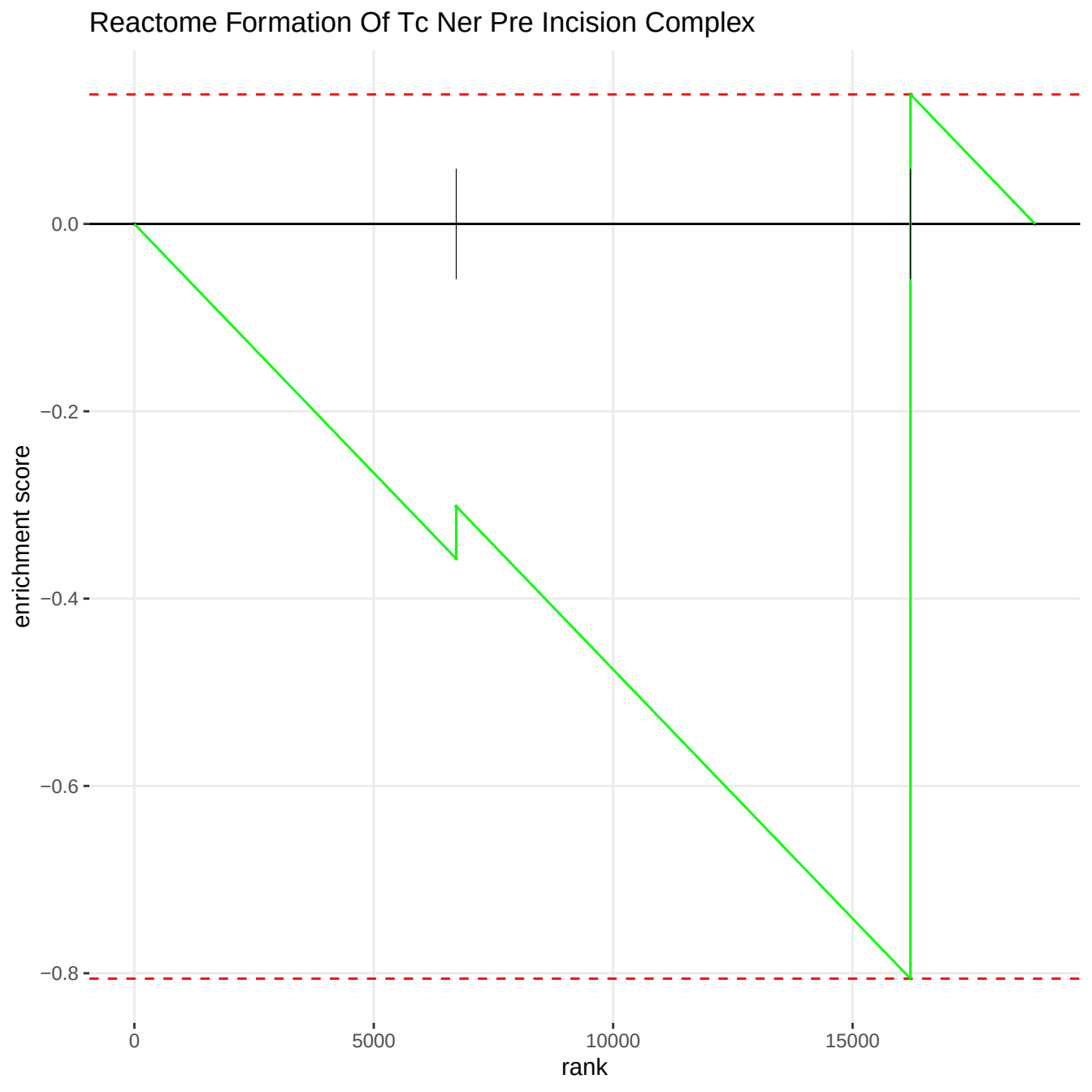

Reactome Fbxw7 Mutants And Notch1 In Cancer
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Fcgamma Receptor Fcgr Dependent Phagocytosis
0.3
0.2
0.1
0.0
−0.1
enrichment score
0
5000
10000
15000
rank

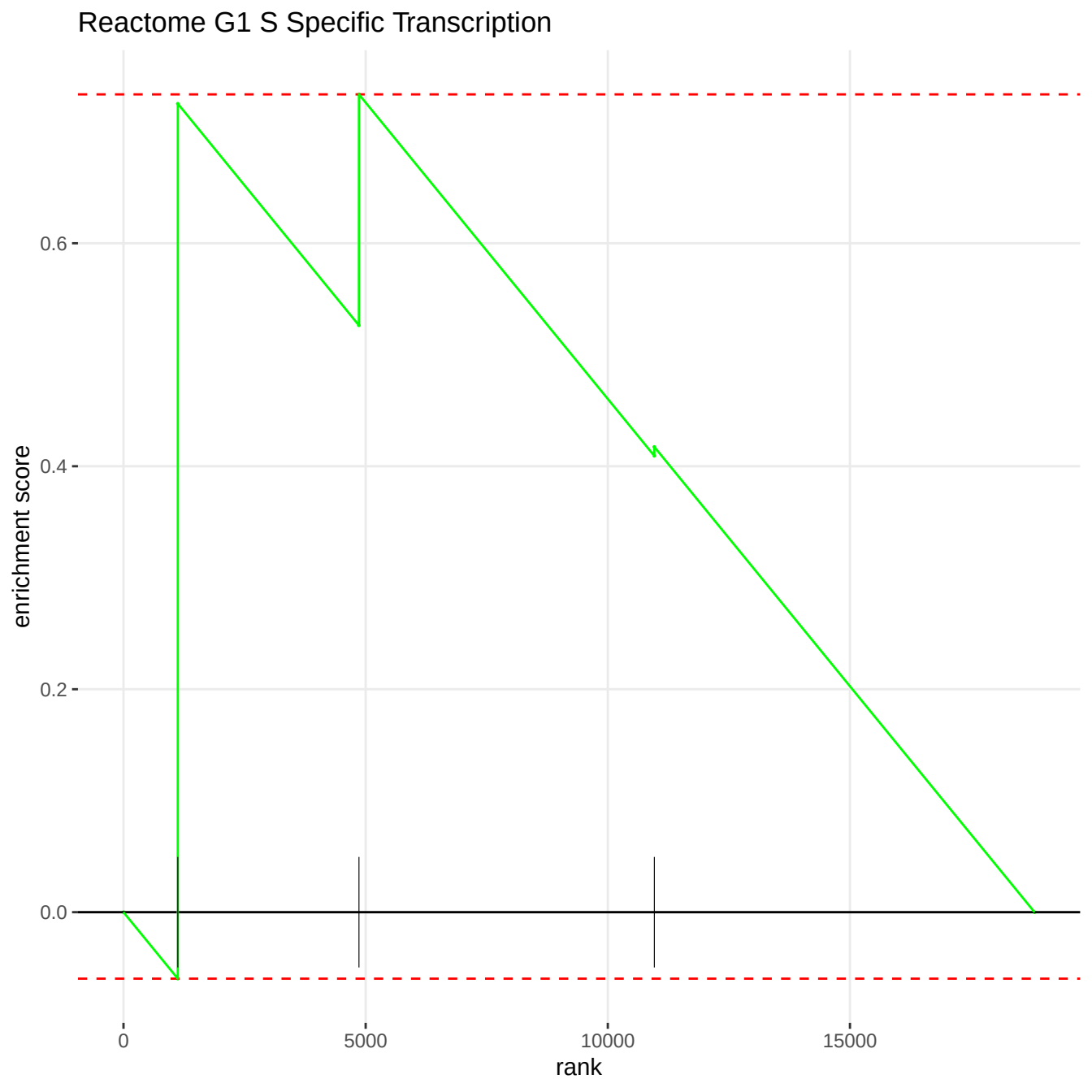

Reactome Flt3 Signaling
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

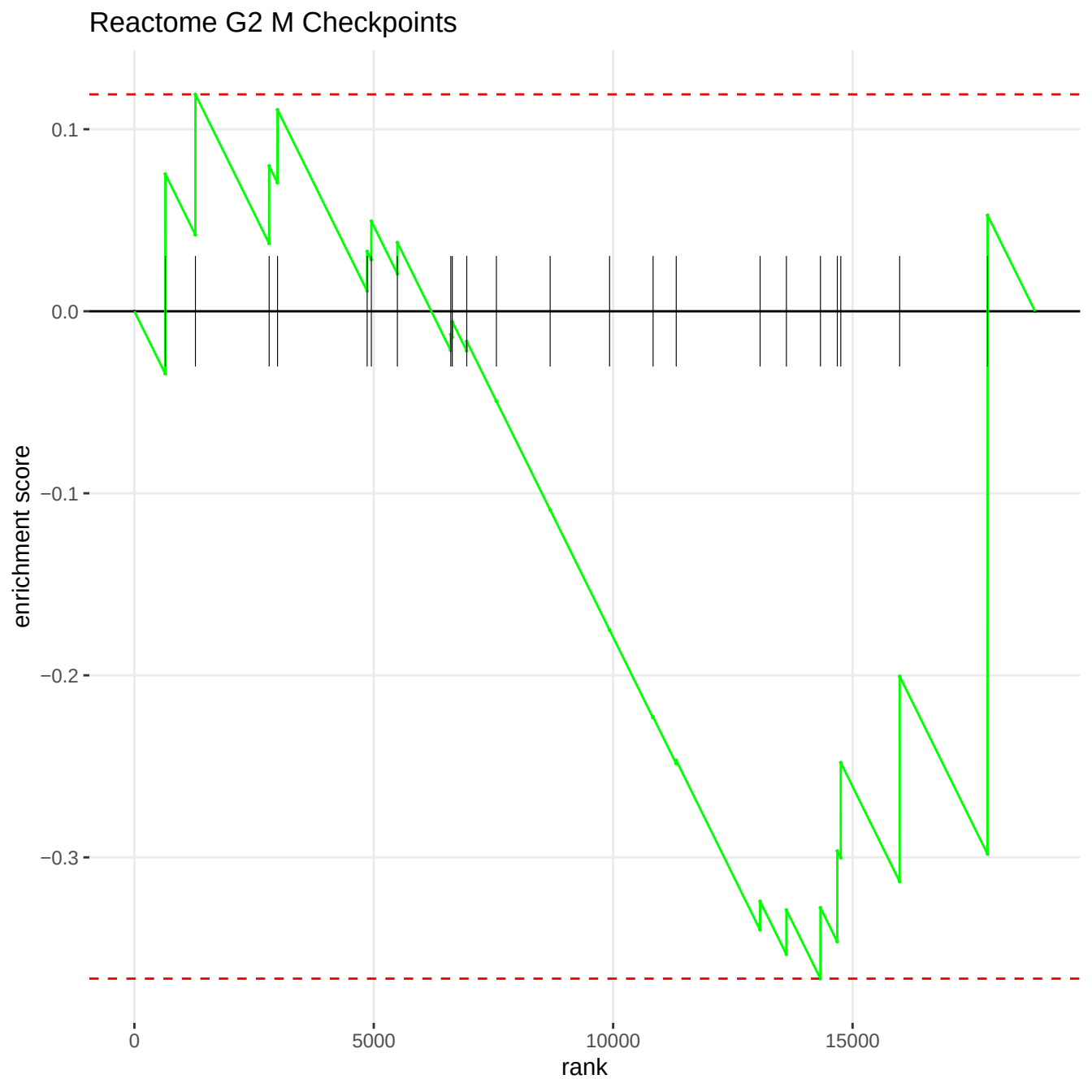

Reactome Formation Of Incision Complex In Gg Ner
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

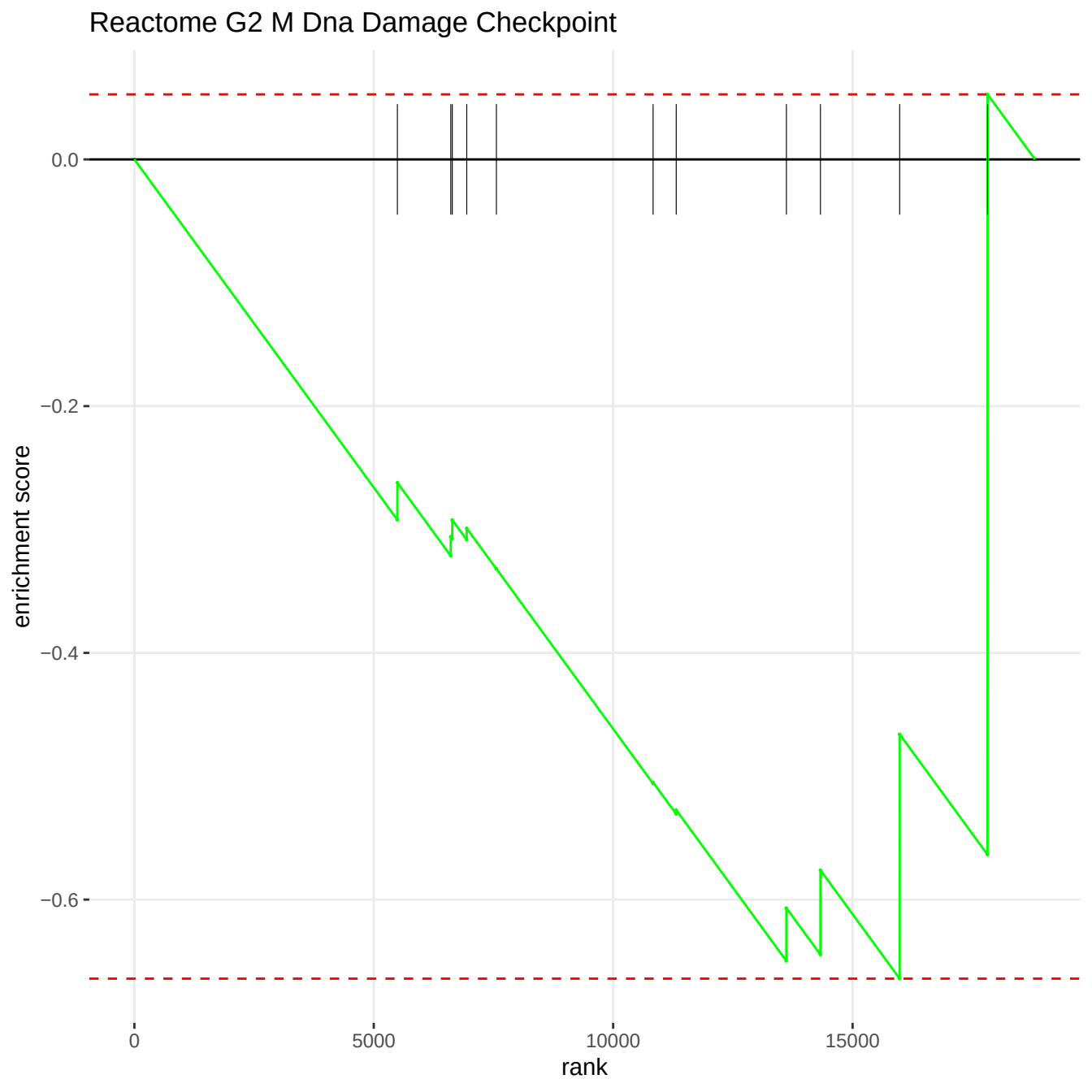

Reactome Formation Of Rna Pol Ii Elongation Complex
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

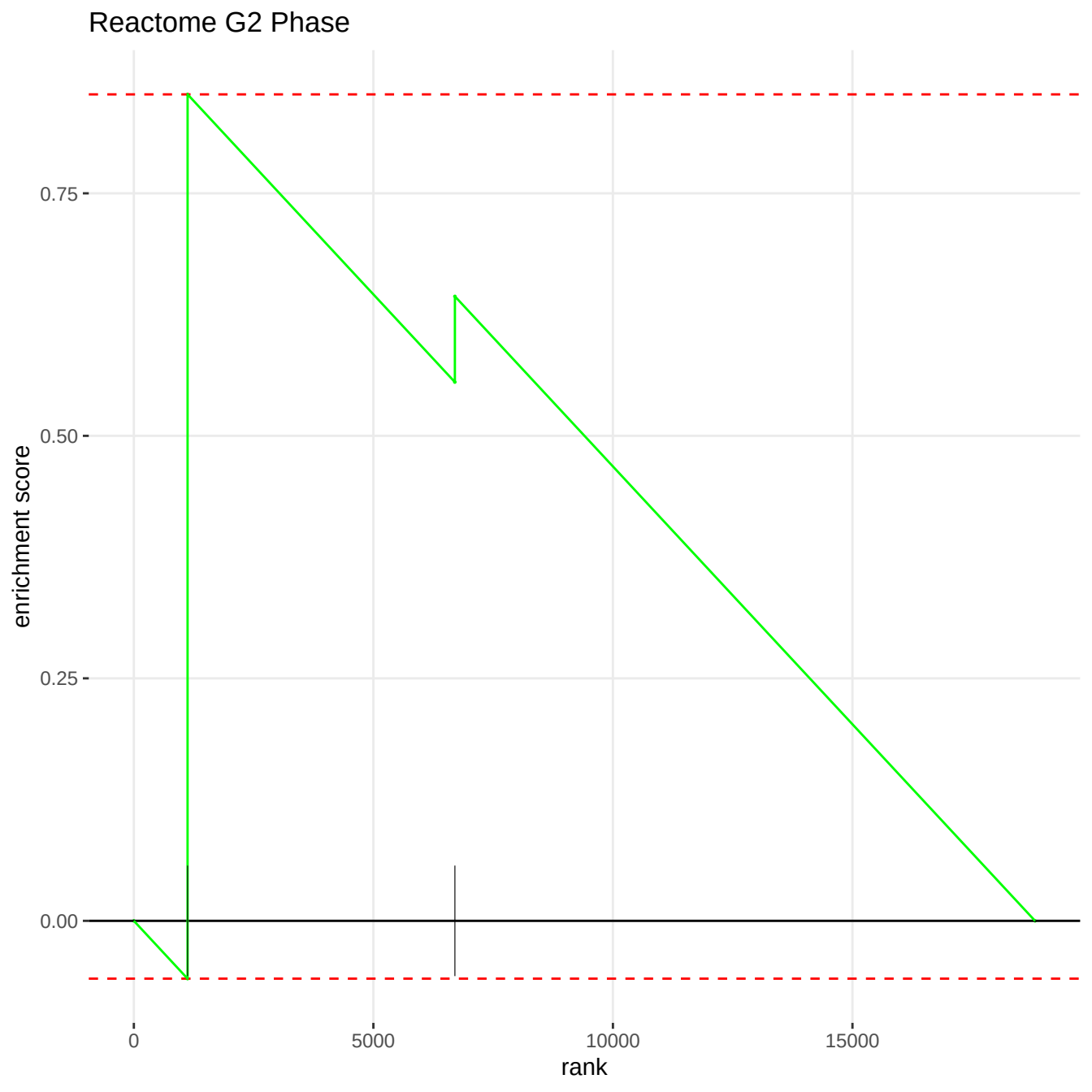

Reactome Formation Of Tc Ner Pre Incision Complex
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

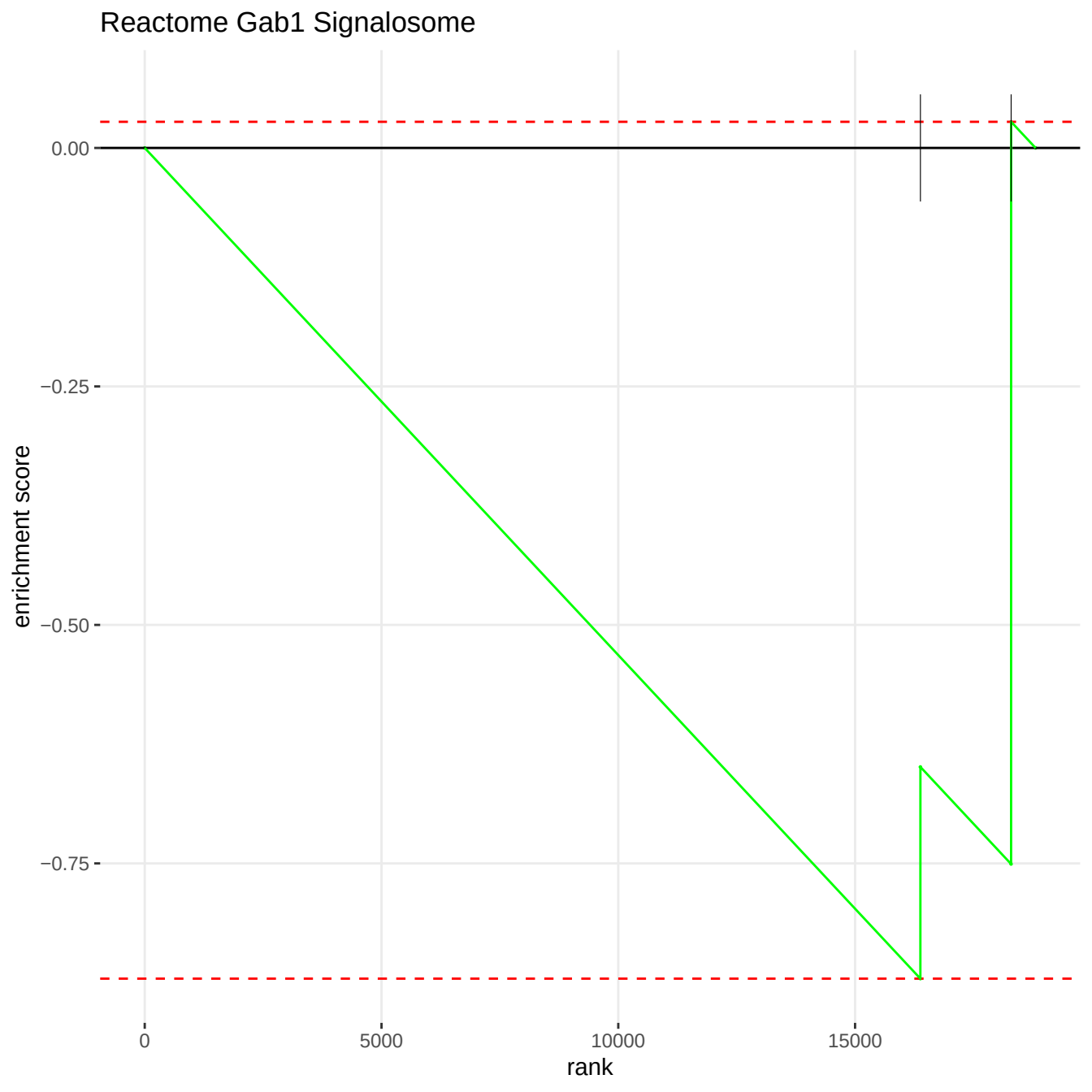
Reactome G0 And Early G1
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

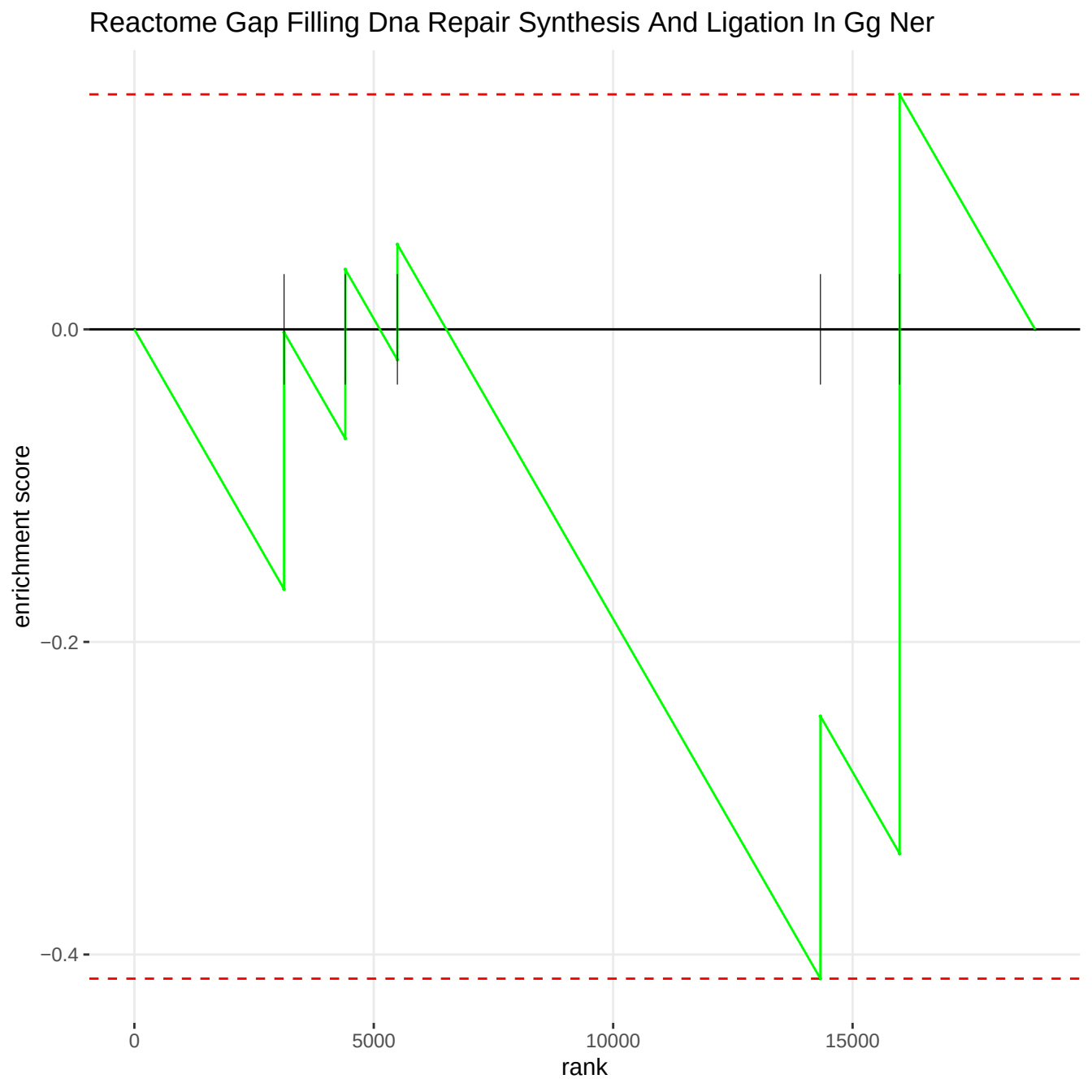

Reactome G1 S Specific Transcription
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

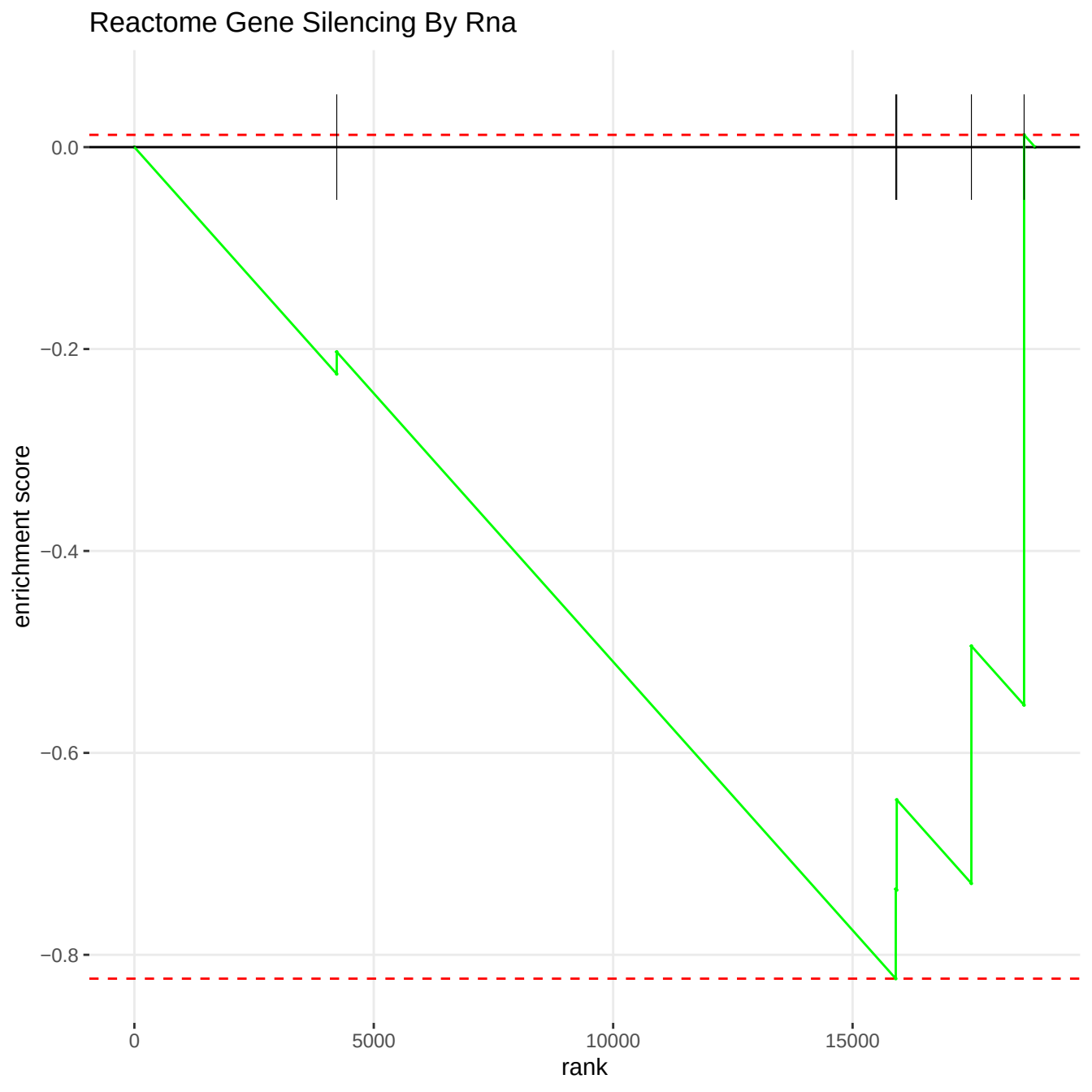

Reactome G2 M Checkpoints
0.1
0.0
−0.1
−0.2
−0.3
enrichment score
0
5000
10000
15000
rank

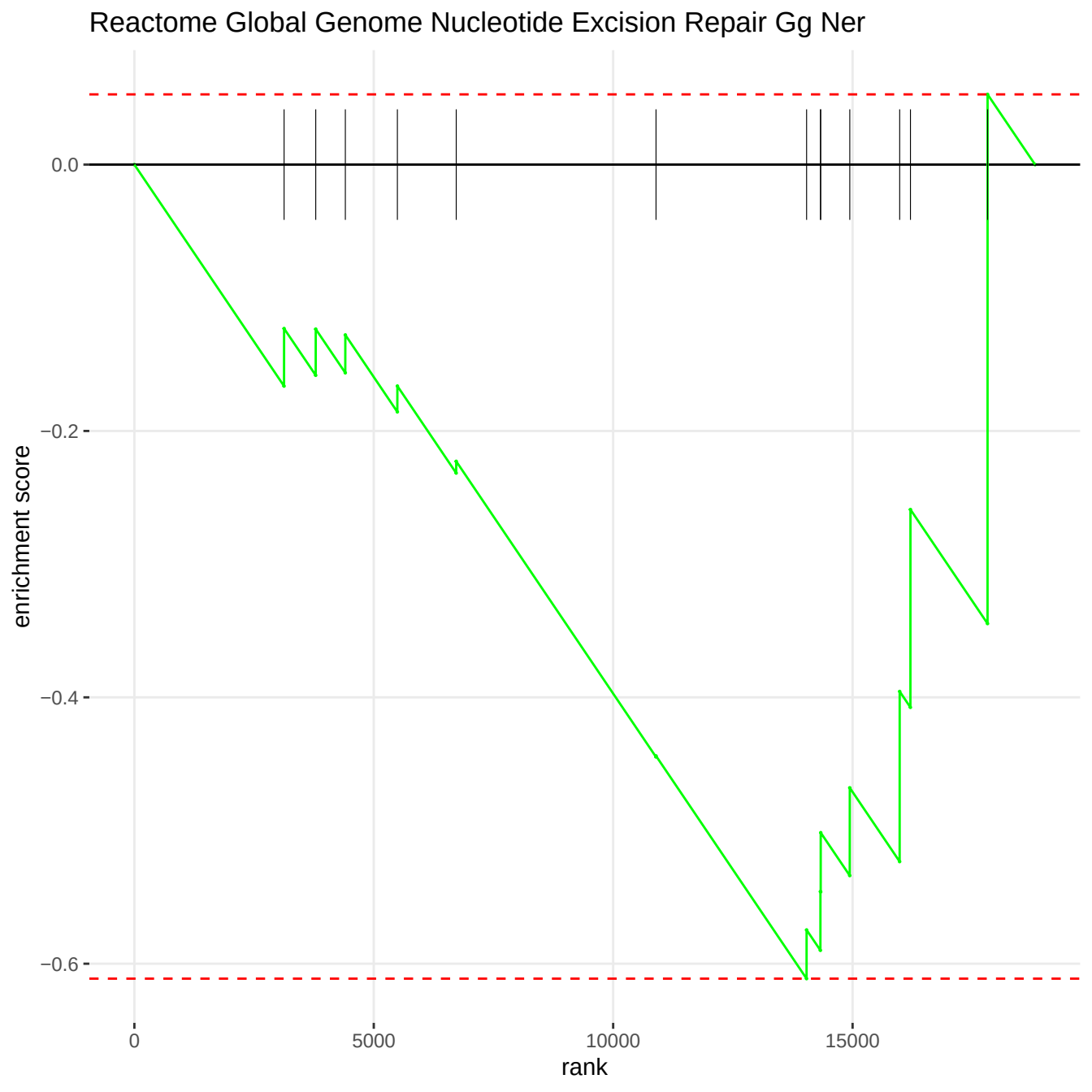

Reactome G2 M Dna Damage Checkpoint
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

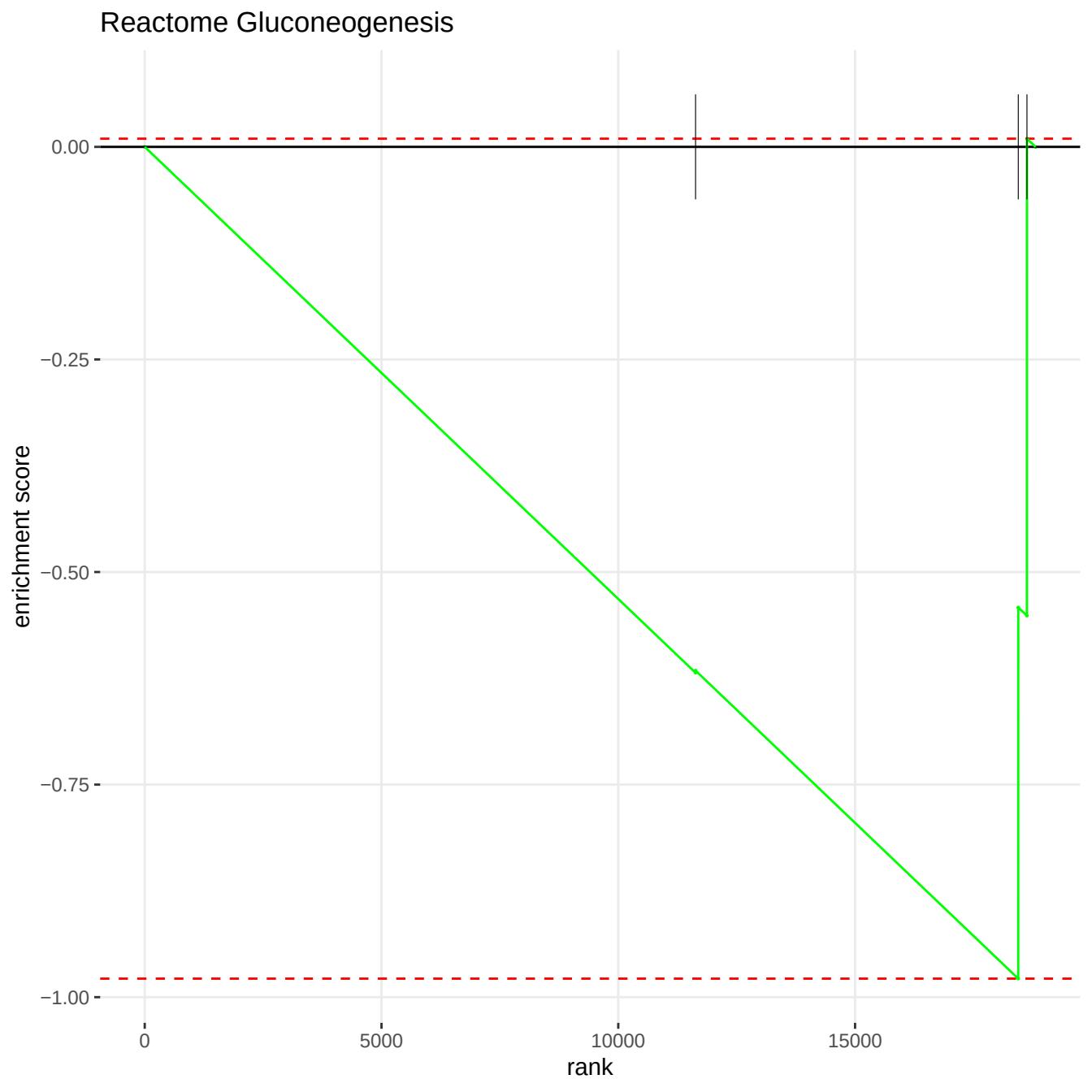

Reactome G2 Phase
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

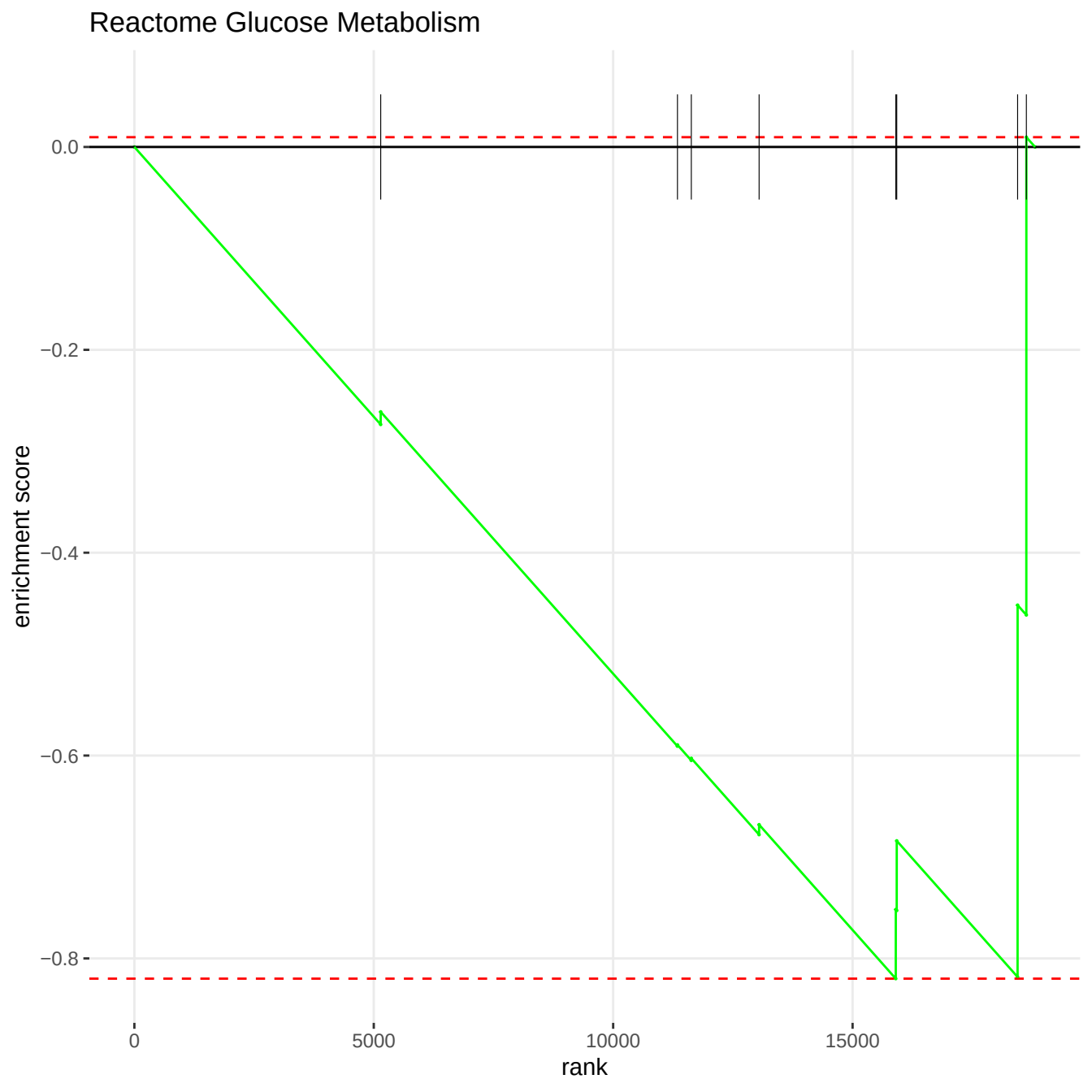

Reactome Gab1 Signalosome
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

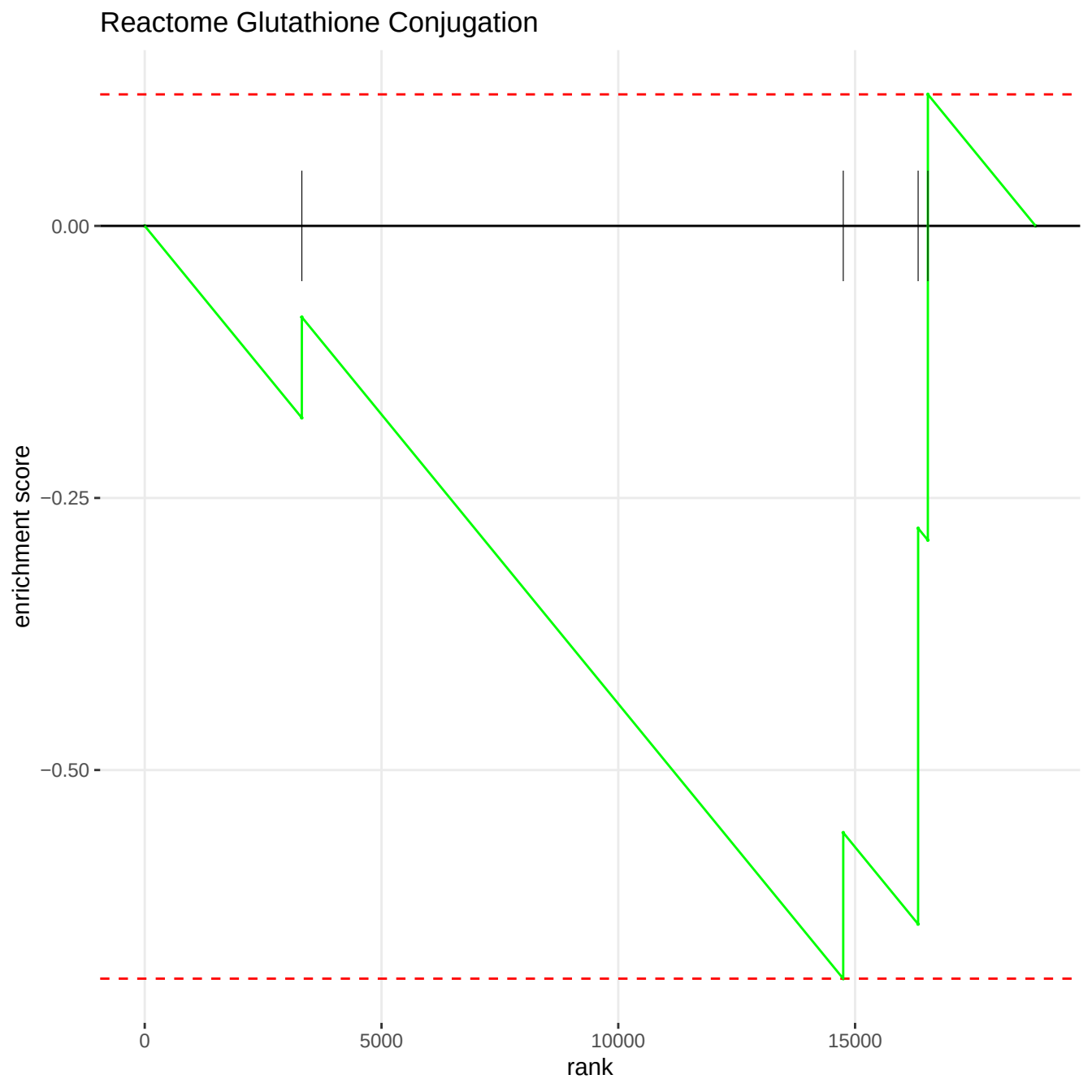

Reactome Gap Filling Dna Repair Synthesis And Ligation In Gg Ner
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

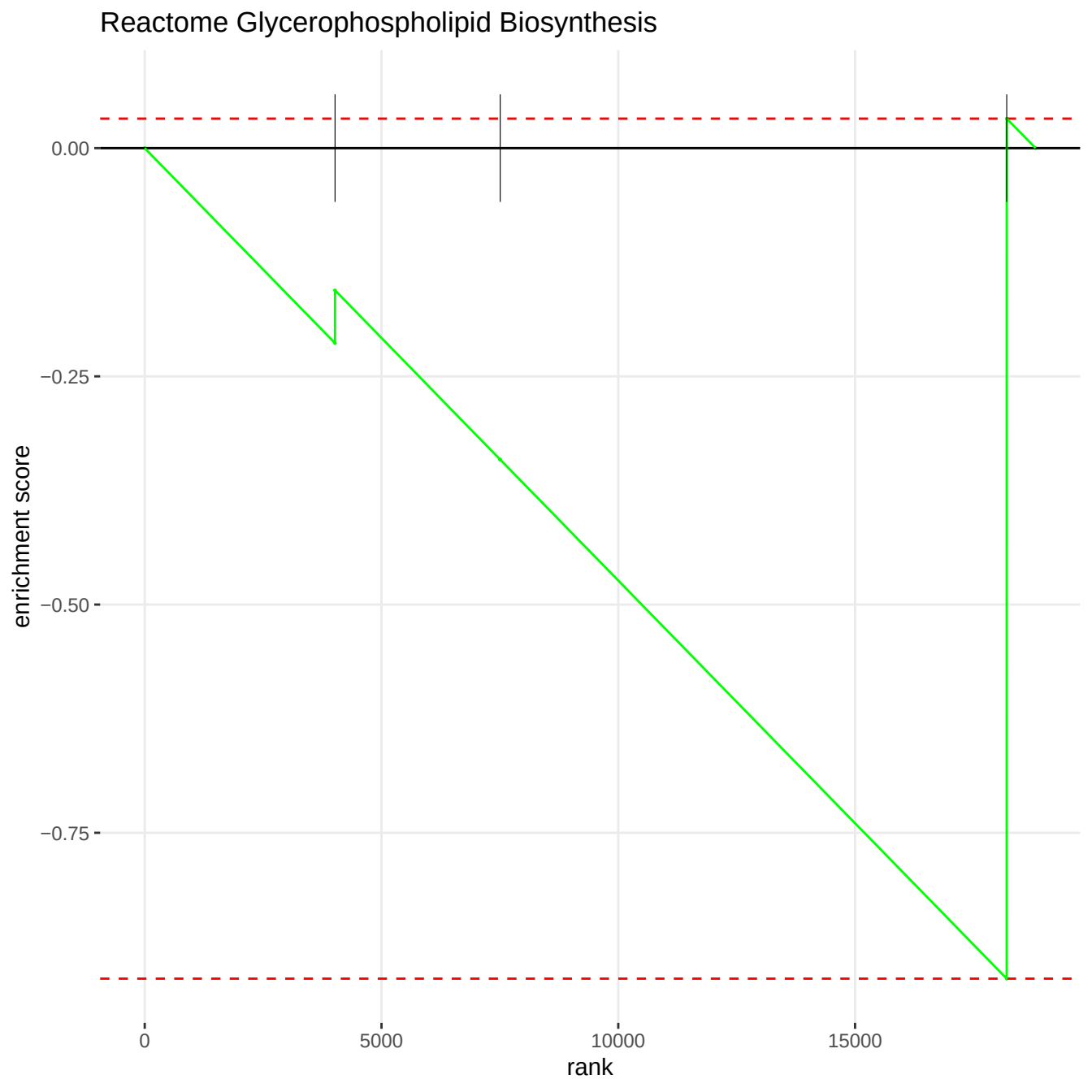

Reactome Gene Silencing By Rna
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

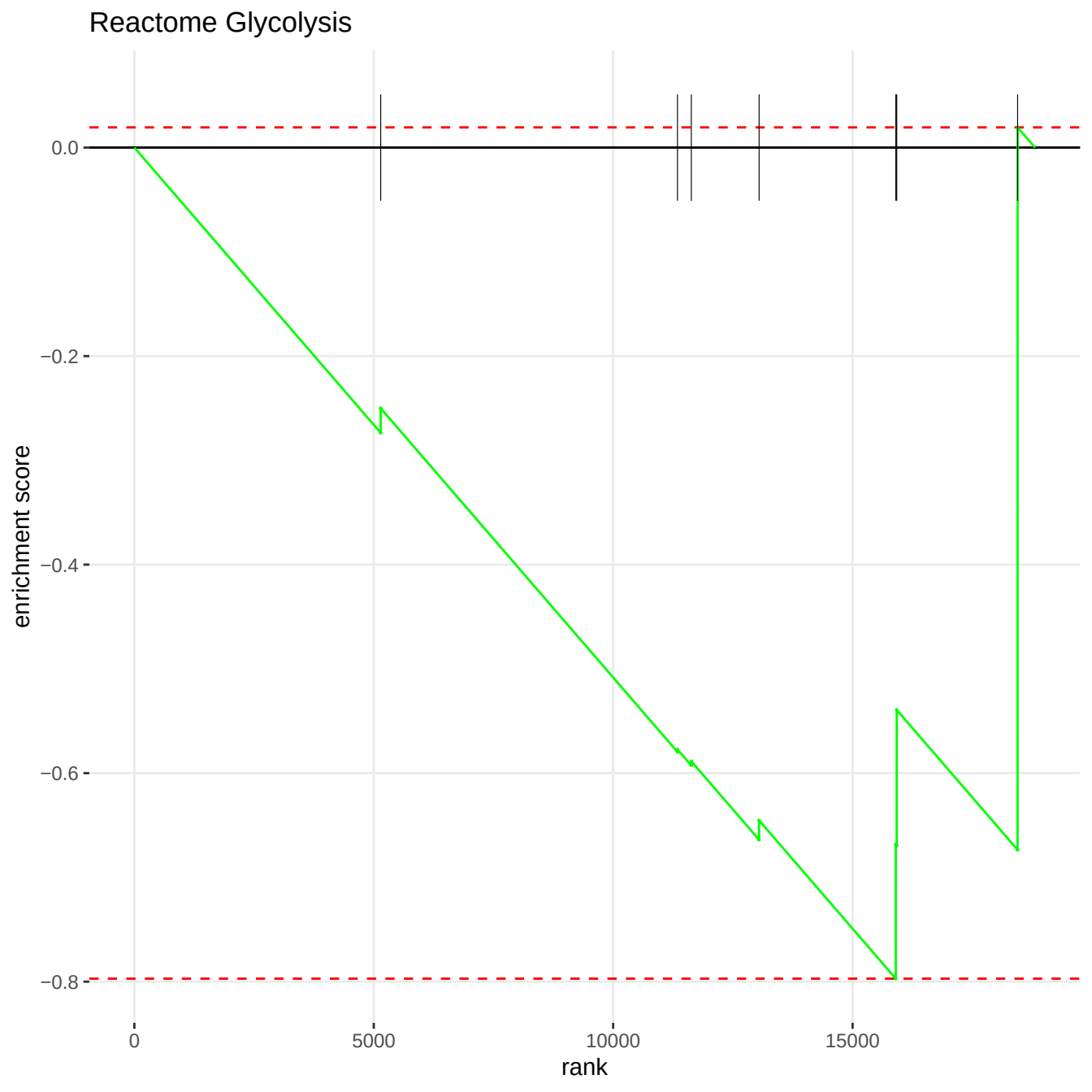

Reactome Global Genome Nucleotide Excision Repair Gg Ner
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

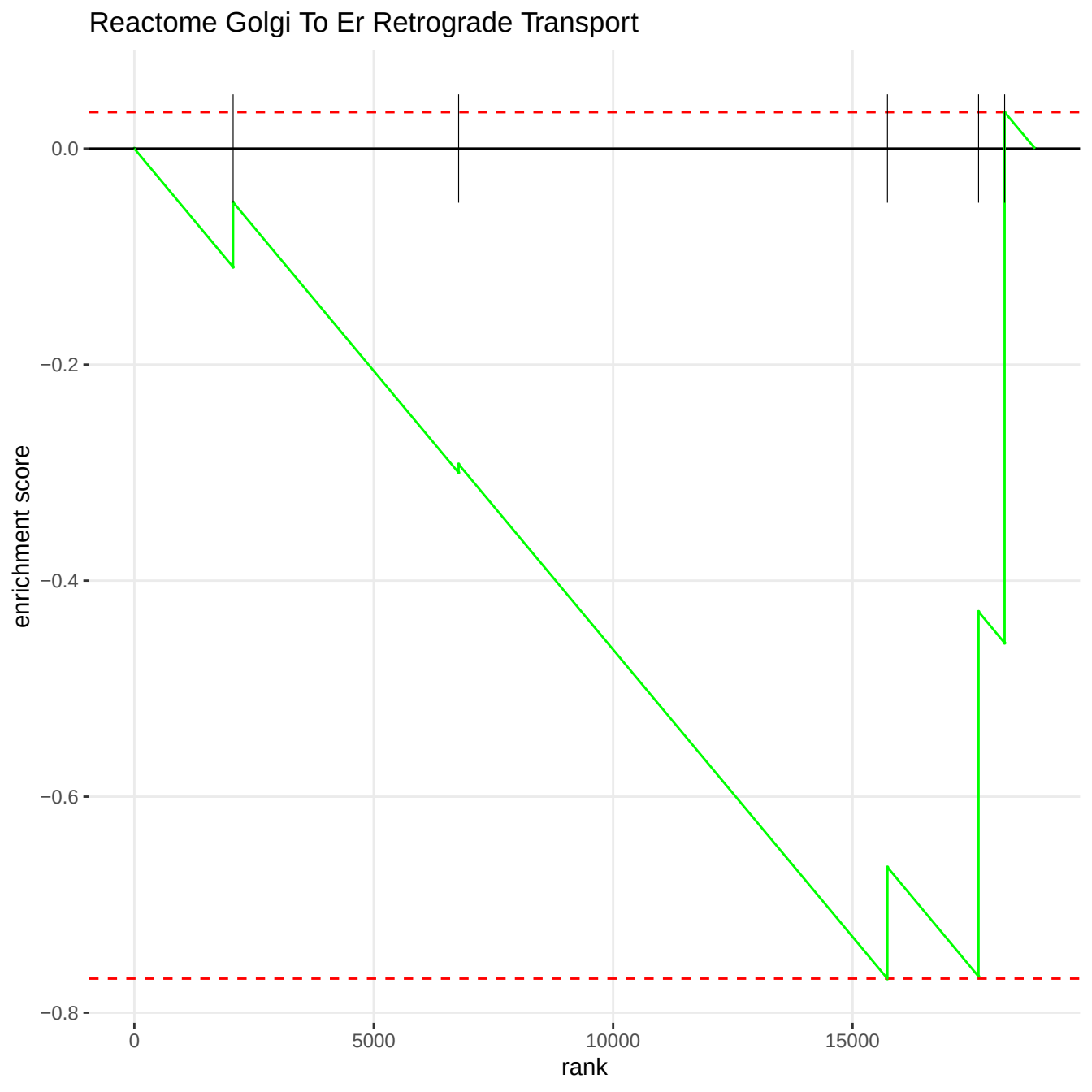

Reactome Gluconeogenesis
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank


Reactome Glucose Metabolism
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

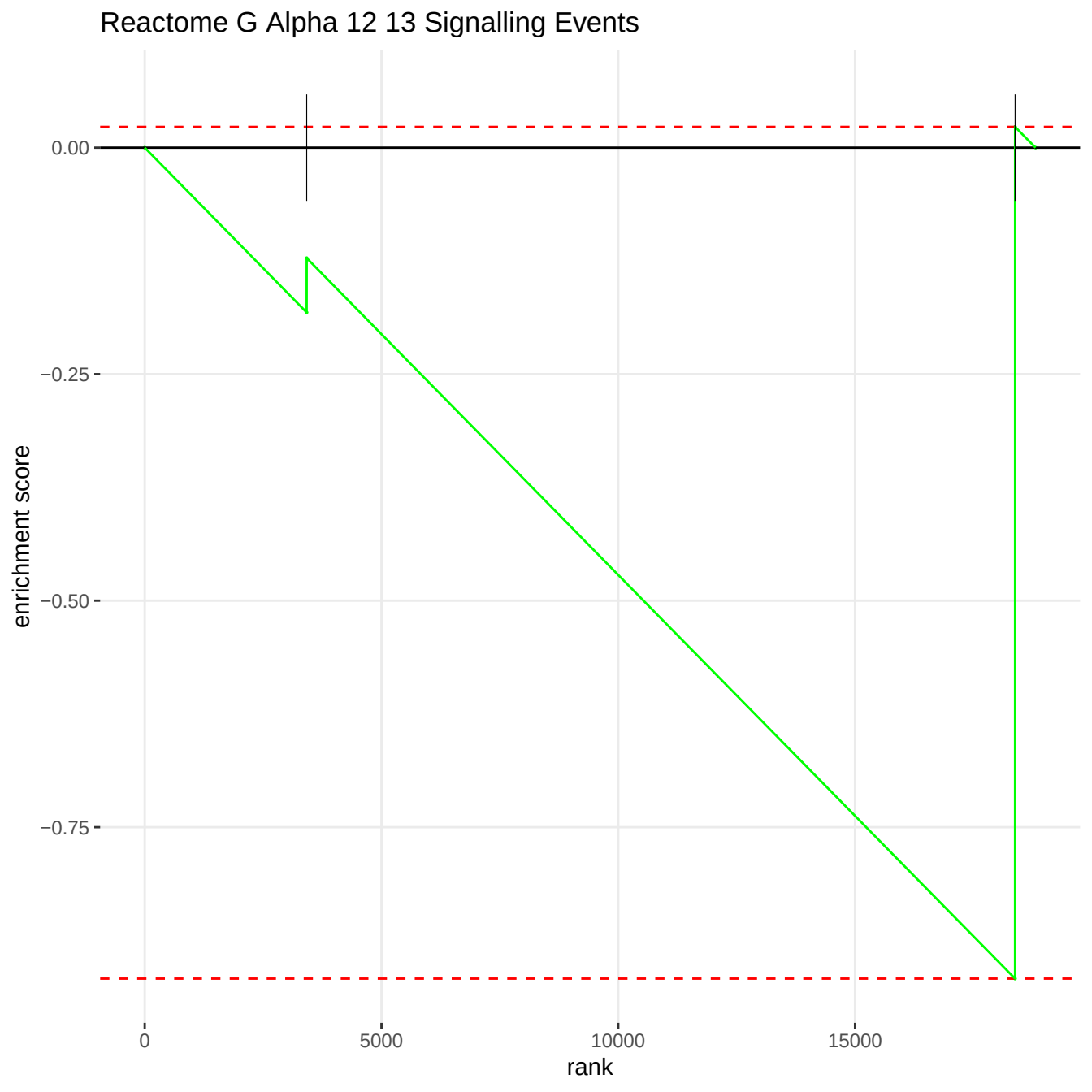

Reactome Glutathione Conjugation
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

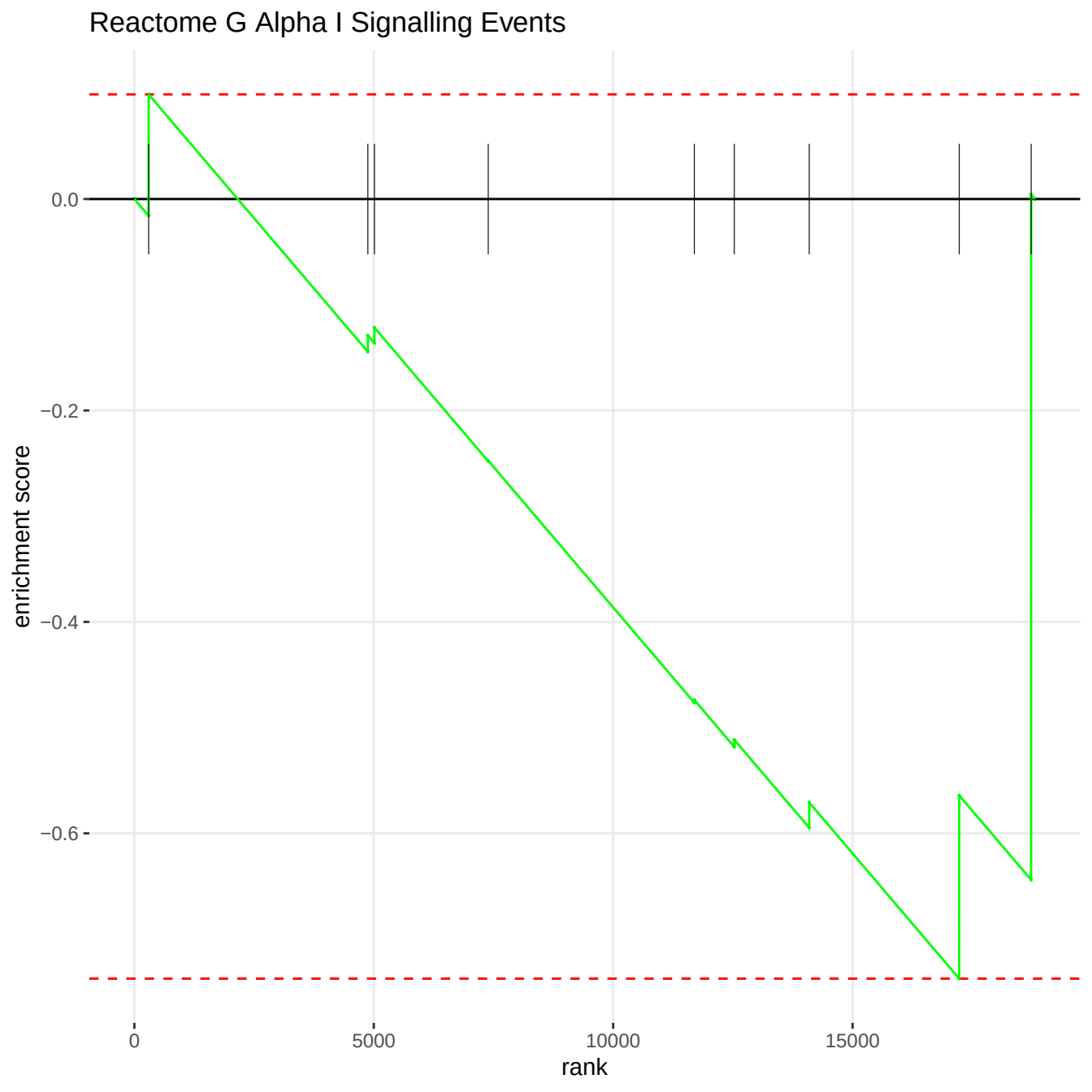

Reactome Glycerophospholipid Biosynthesis
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

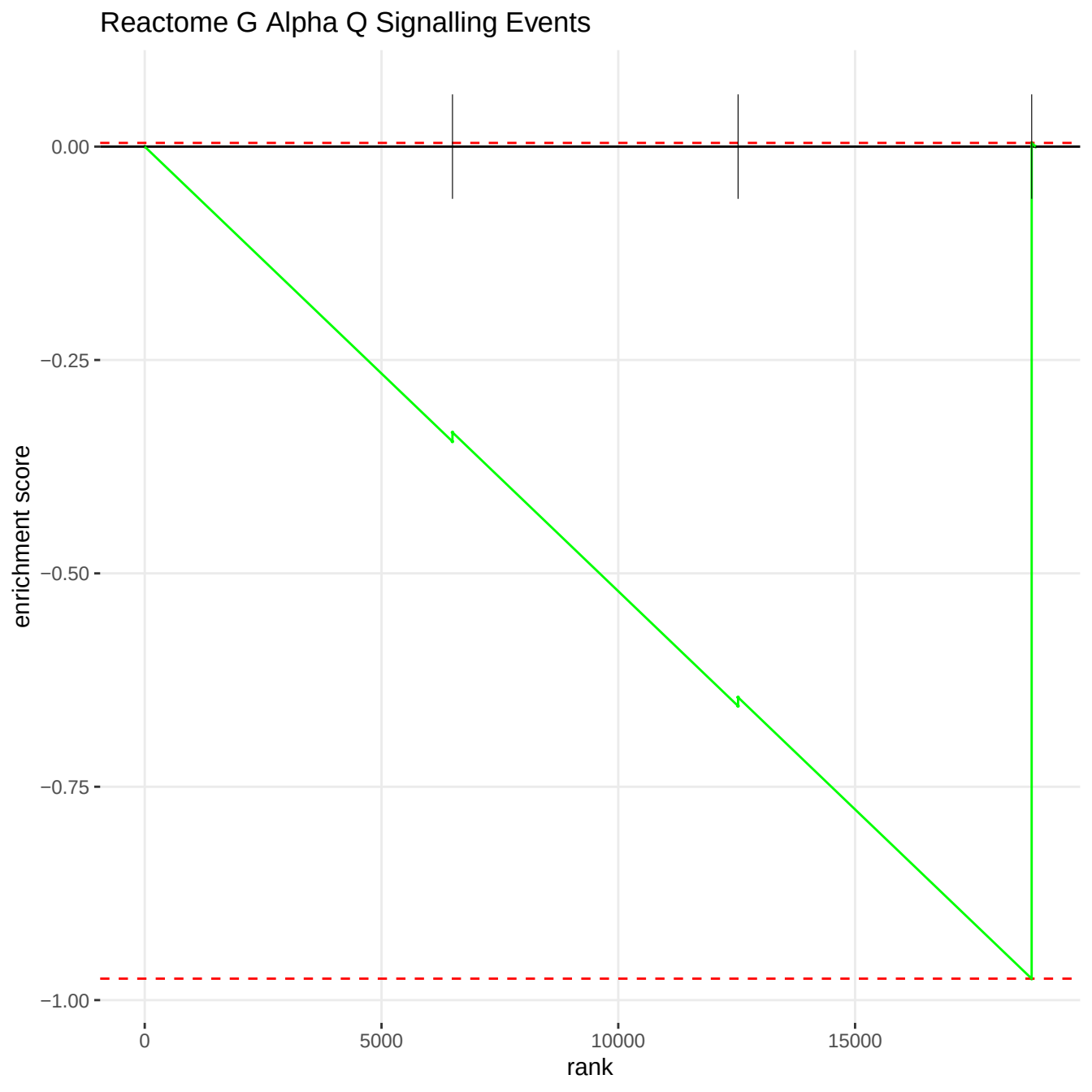

Reactome Glycolysis
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Golgi To Er Retrograde Transport
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

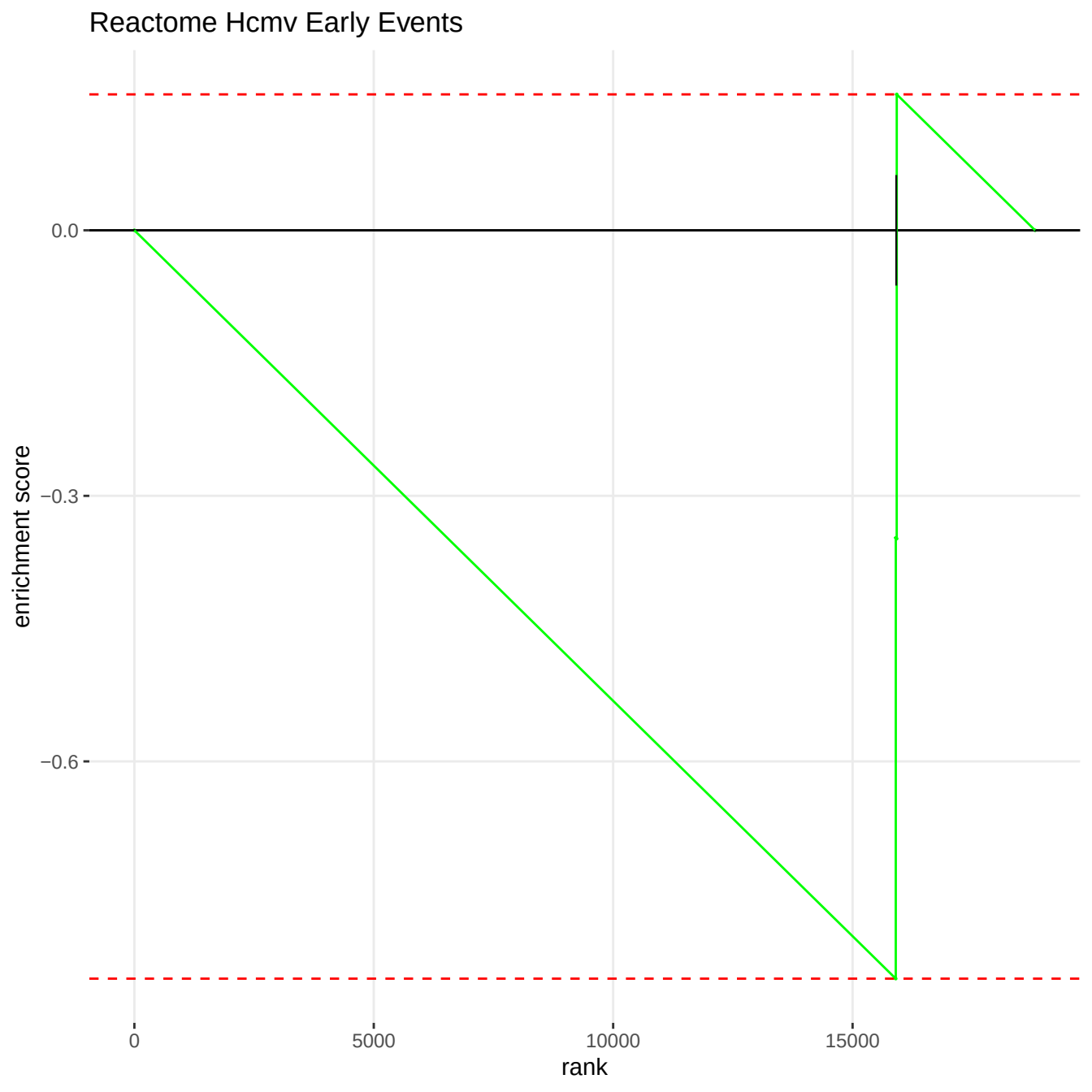
Reactome Gpcr Ligand Binding
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

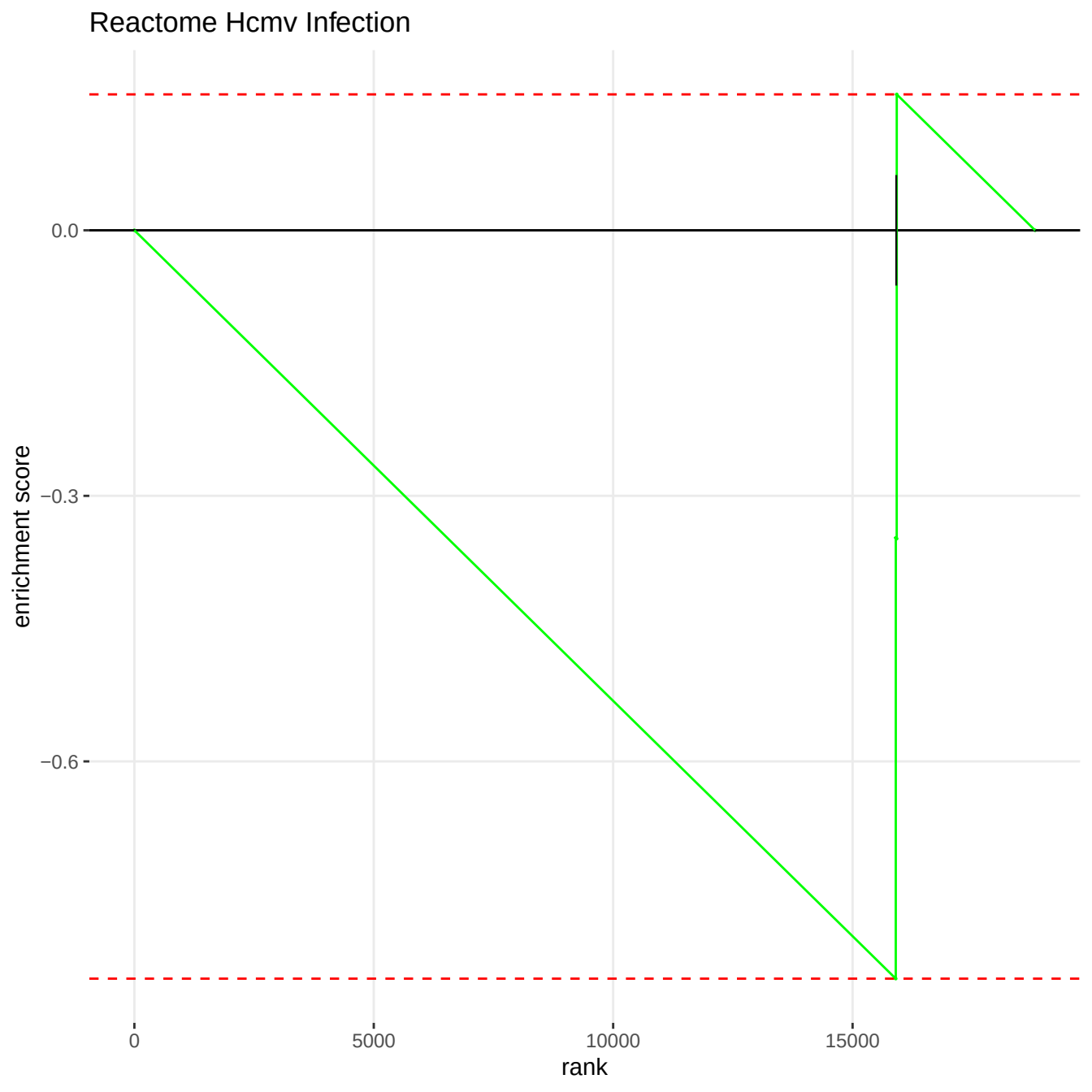

Reactome G Alpha 12 13 Signalling Events
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

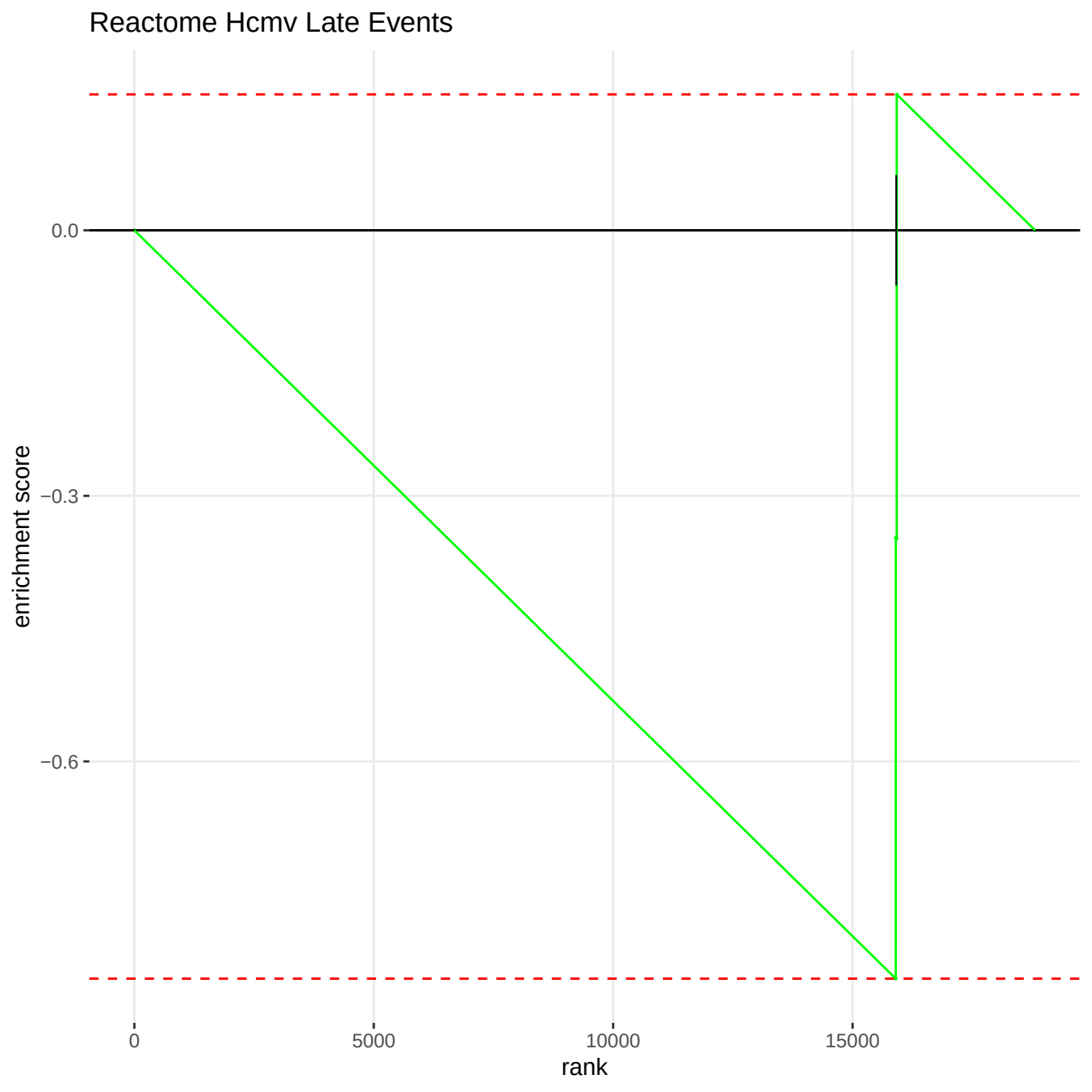

Reactome G Alpha I Signalling Events
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

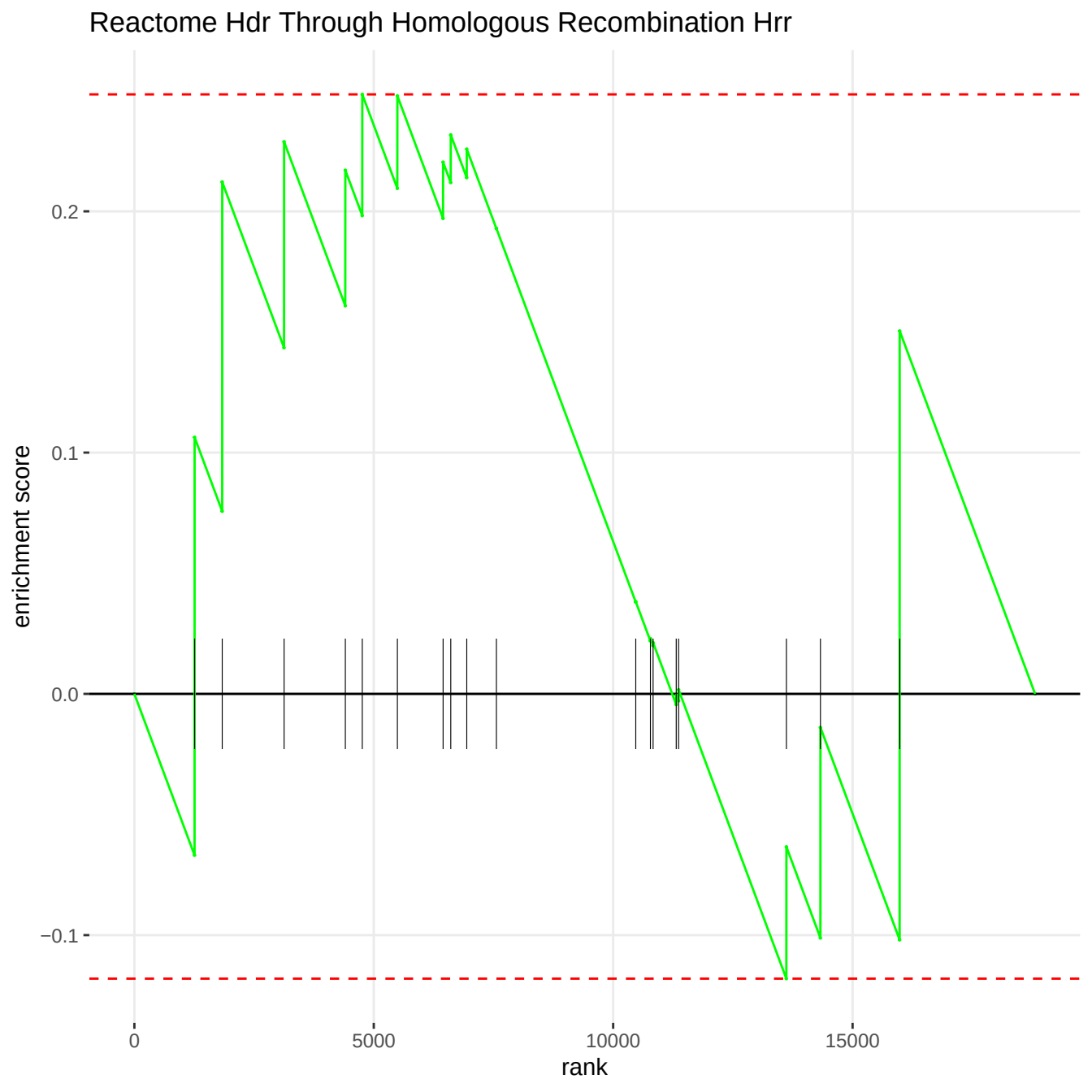

Reactome G Alpha Q Signalling Events
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

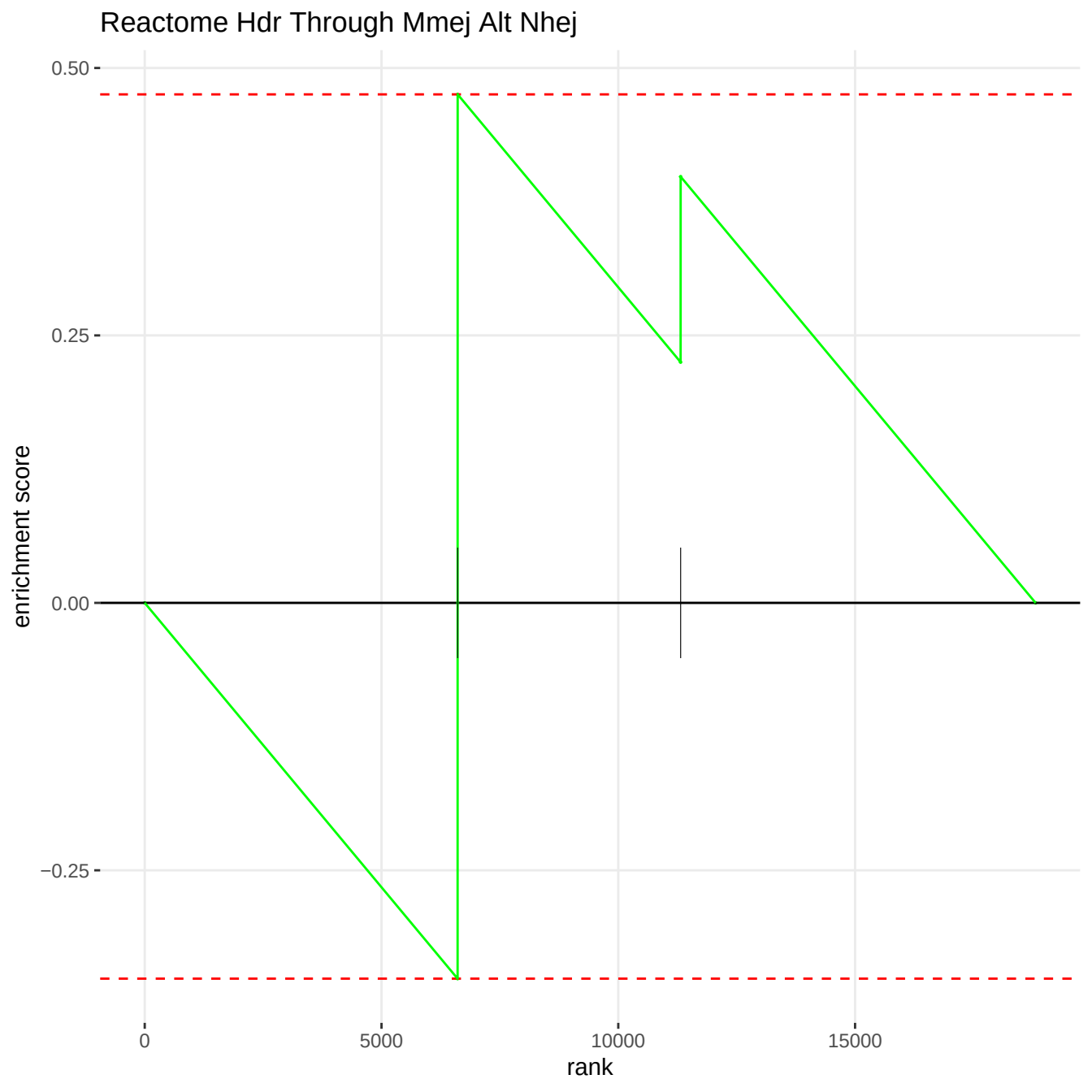
Reactome Hats Acetylate Histones
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

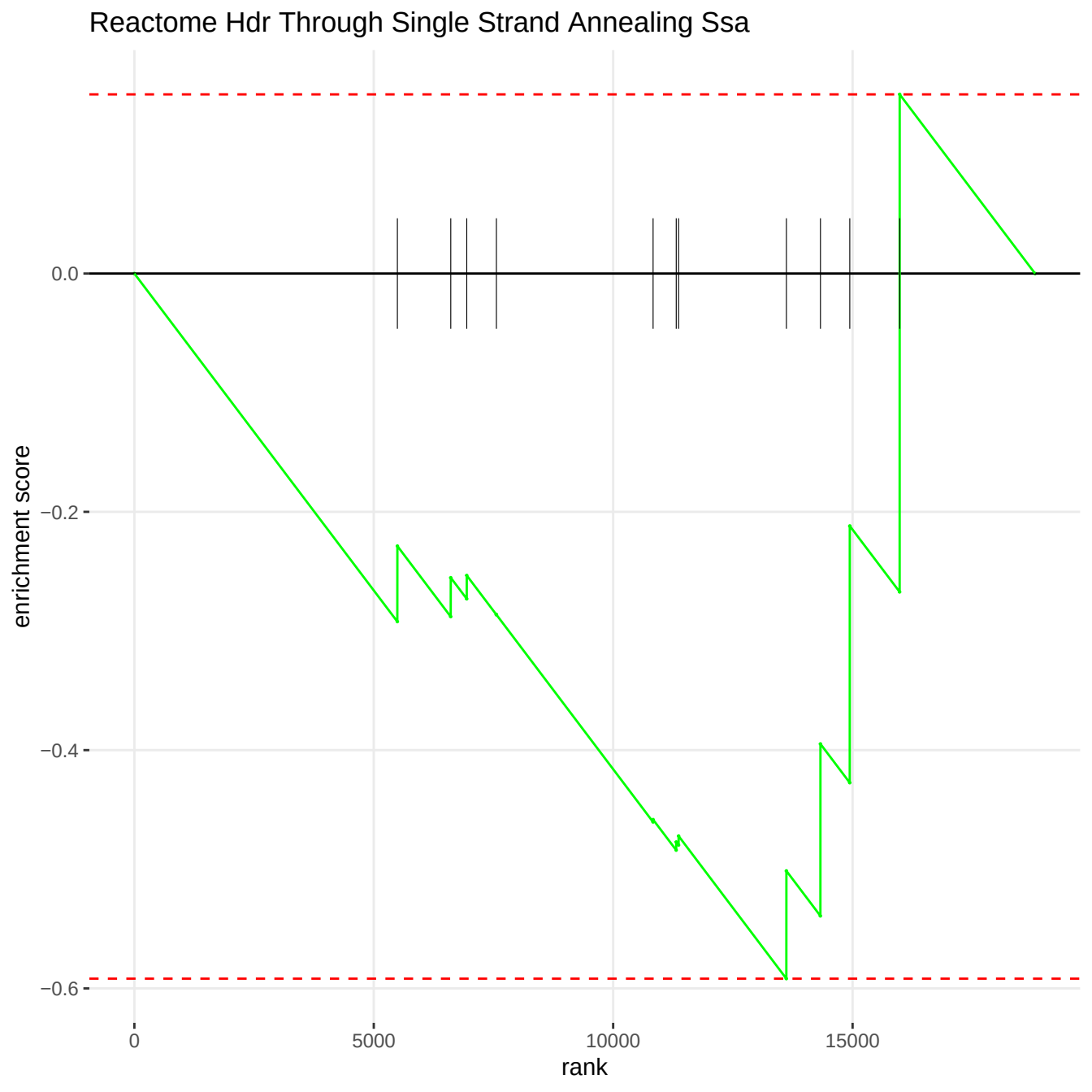

Reactome Hcmv Early Events
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

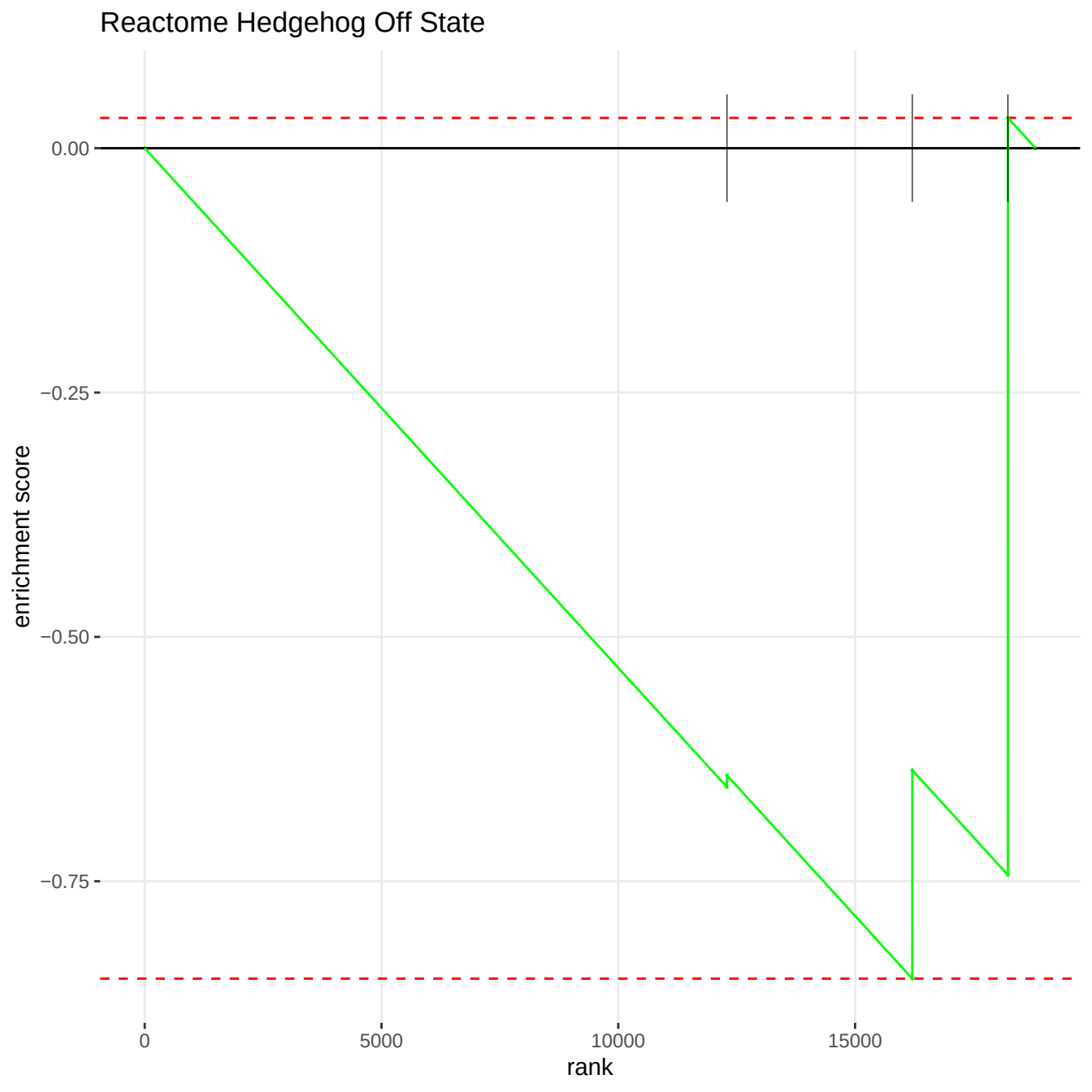

Reactome Hcmv Infection
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

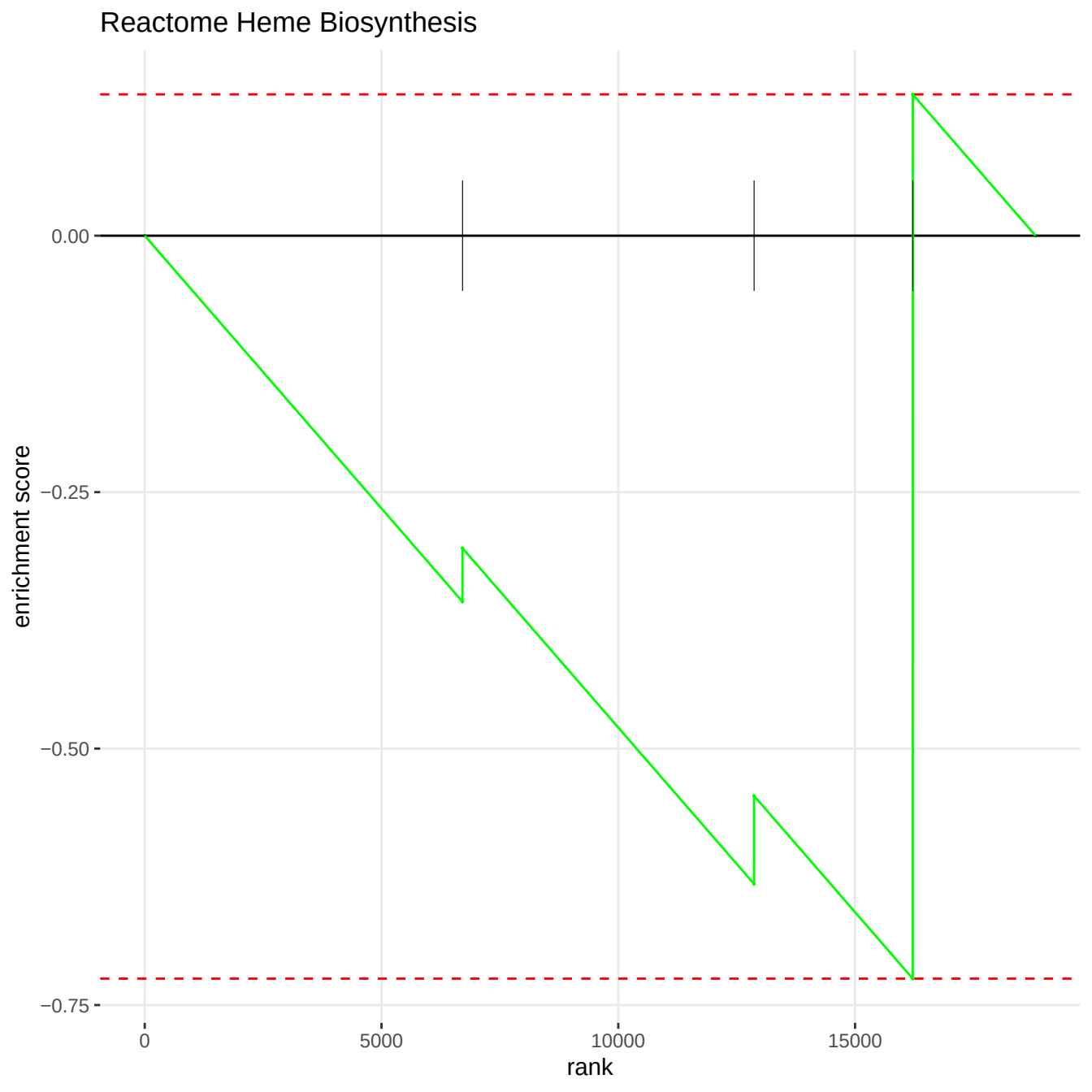

Reactome Hcmv Late Events
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

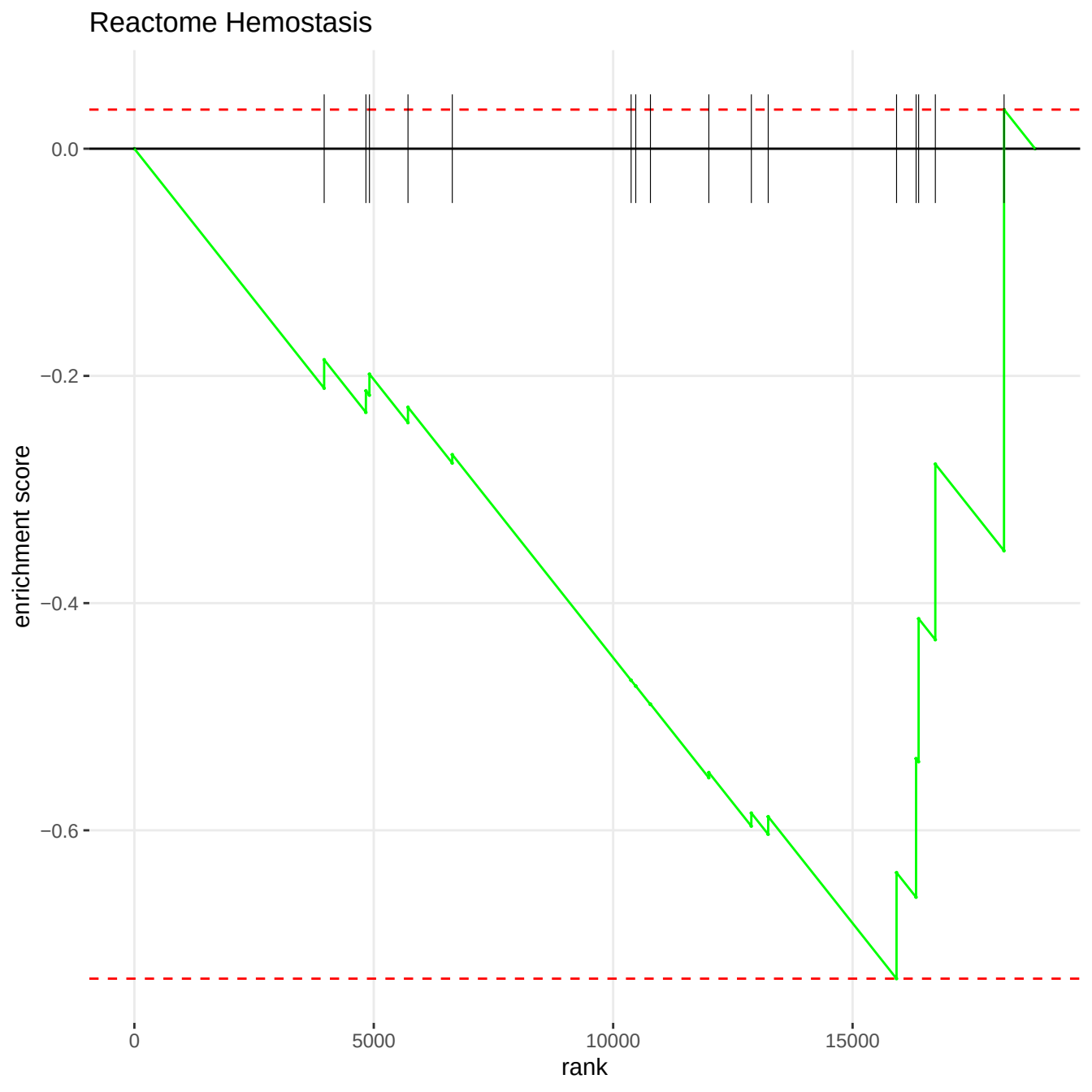

Reactome Hdr Through Homologous Recombination Hrr
enrichment score
0.2
0.1
0.0
−0.1
0
5000
10000
15000
rank


Reactome Hdr Through Mmej Alt Nhej
0.50
0.25
0.00
−0.25
enrichment score
0
5000
10000
15000
rank

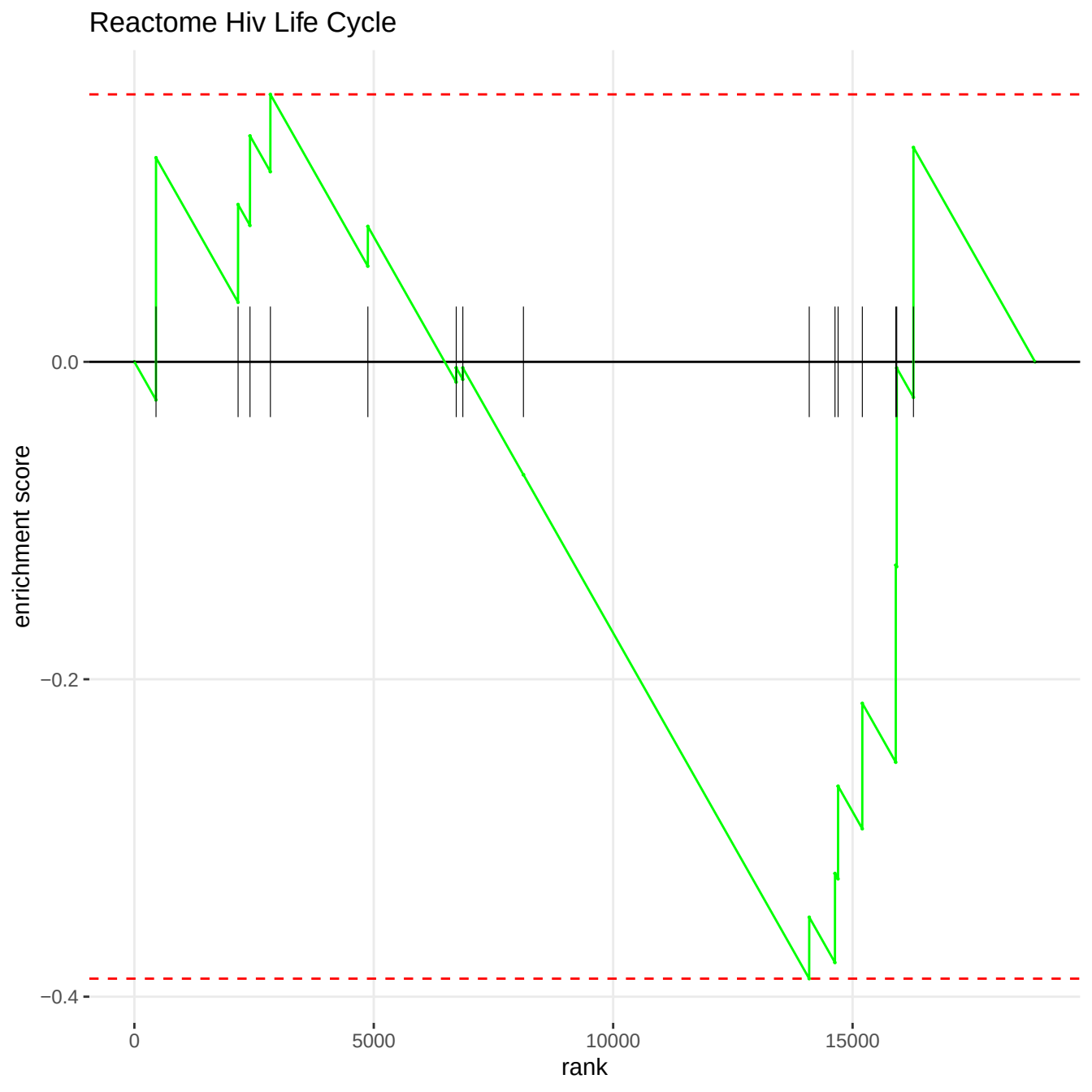

Reactome Hdr Through Single Strand Annealing Ssa
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

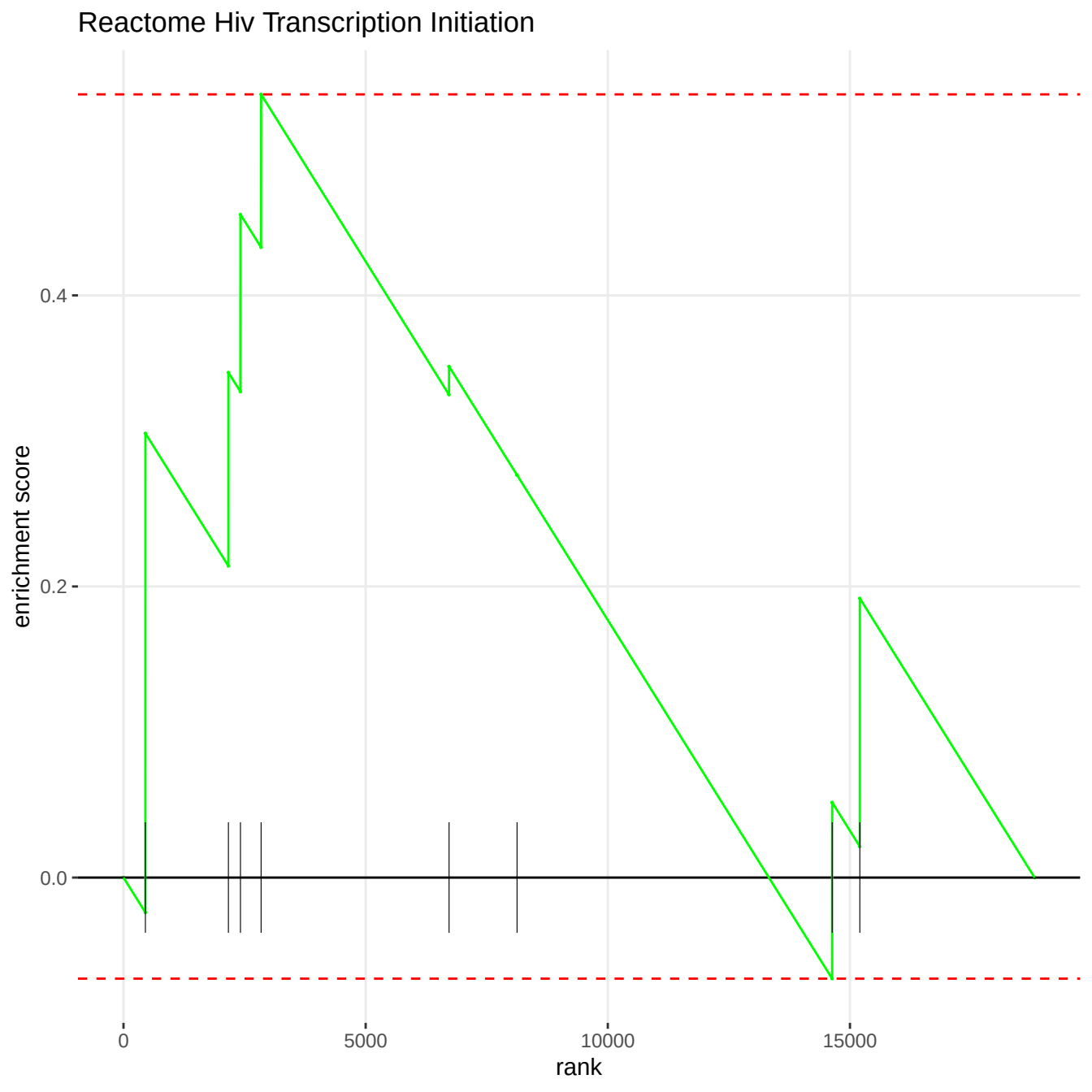

Reactome Hedgehog Off State
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

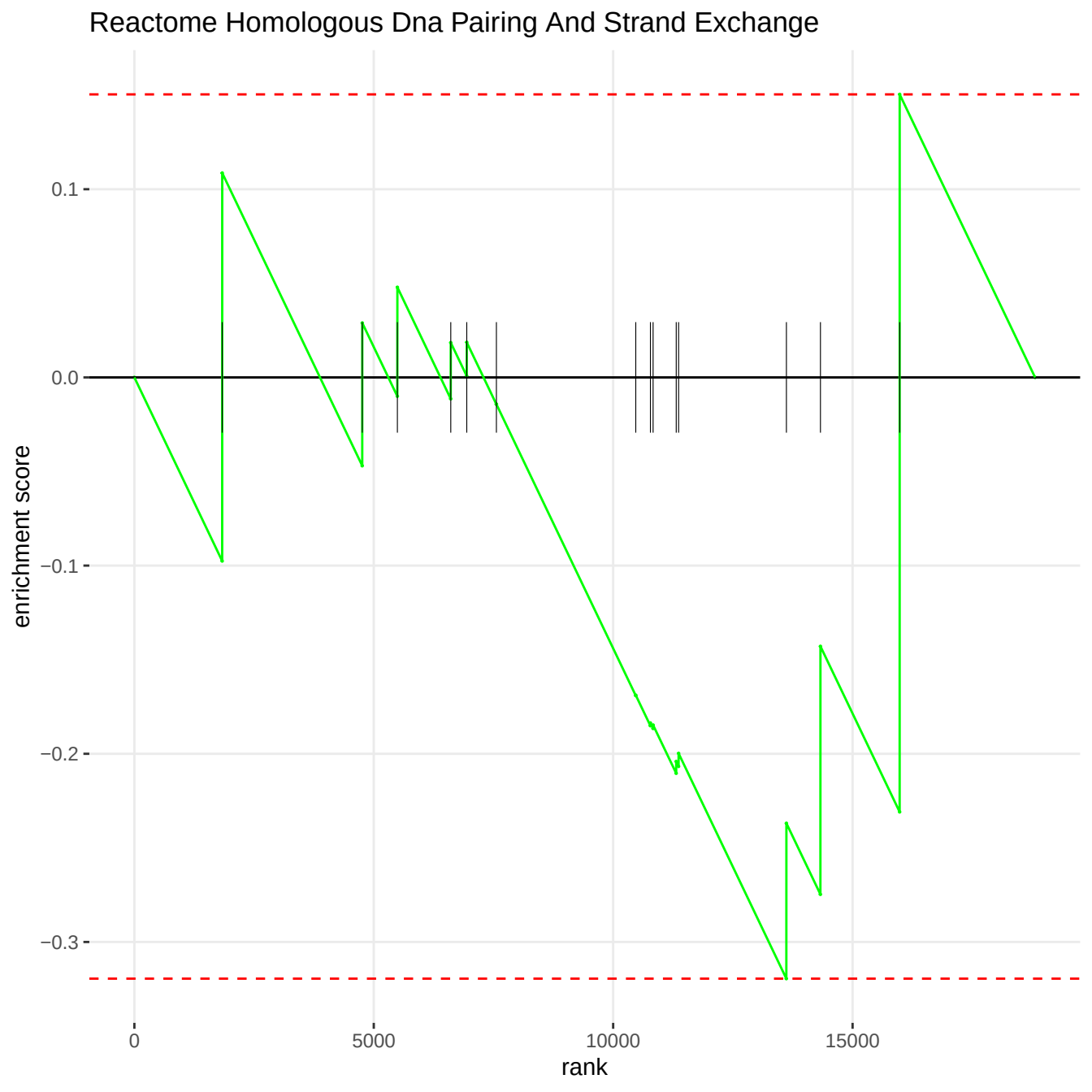

Reactome Heme Biosynthesis
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

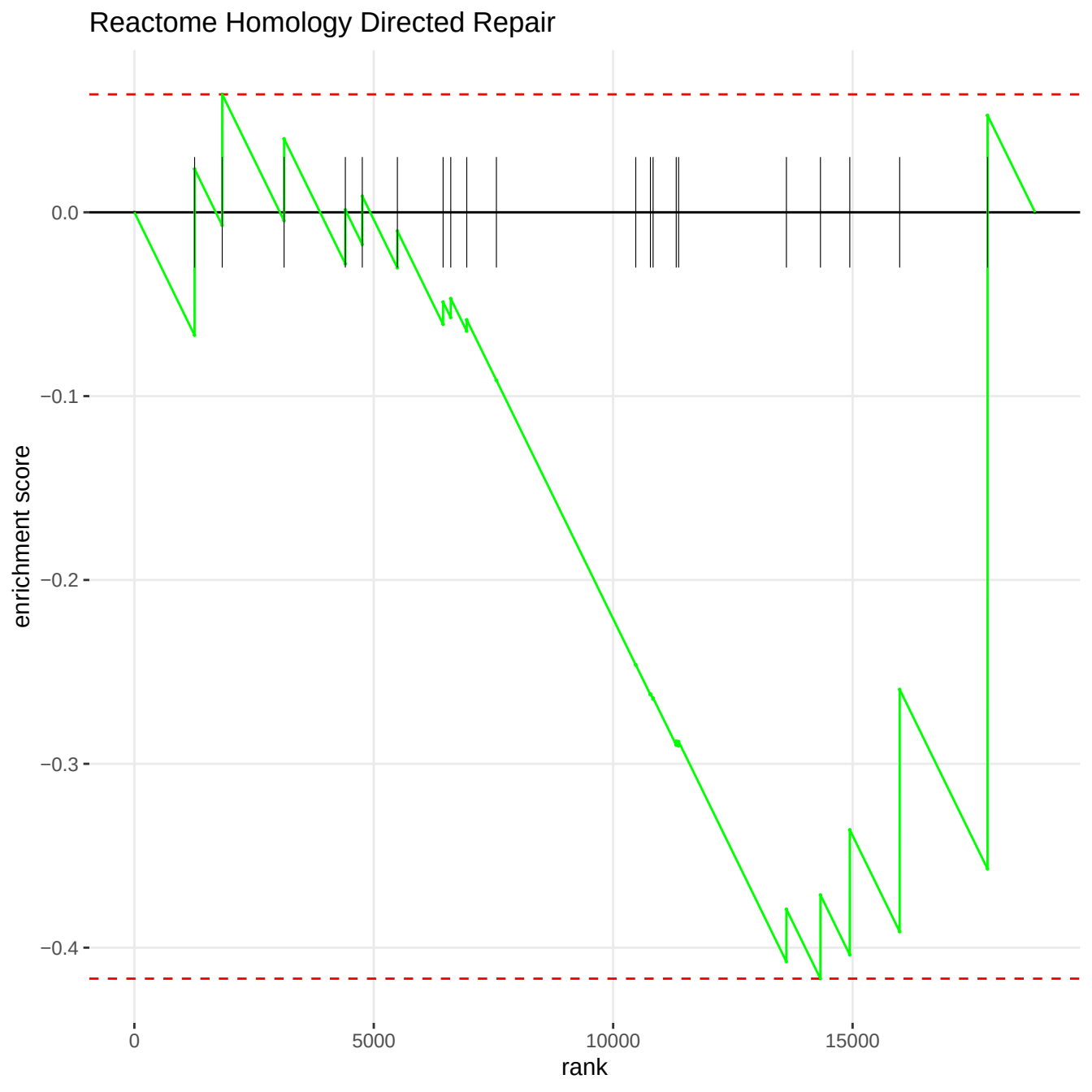

Reactome Hemostasis
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

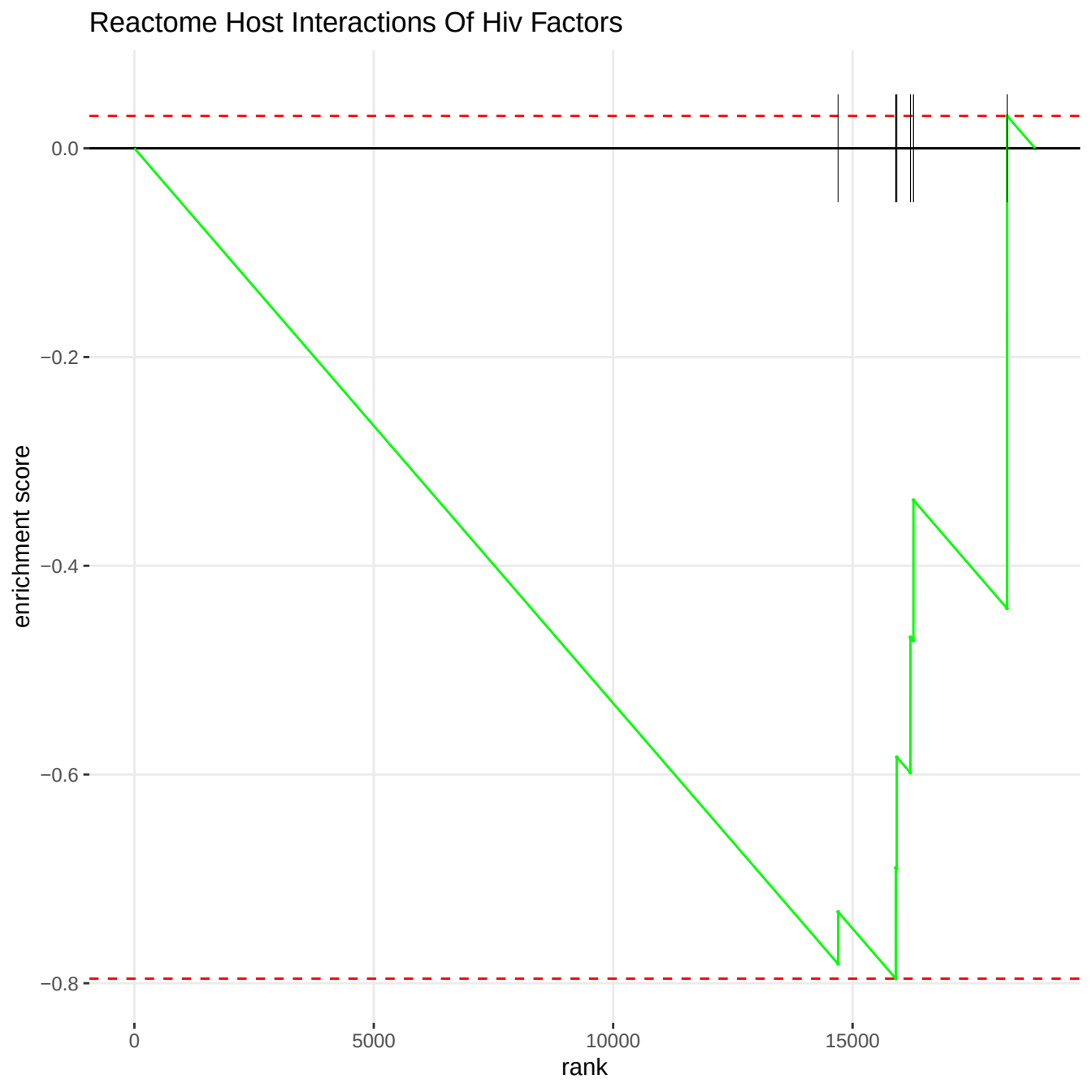
Reactome Hiv Infection
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

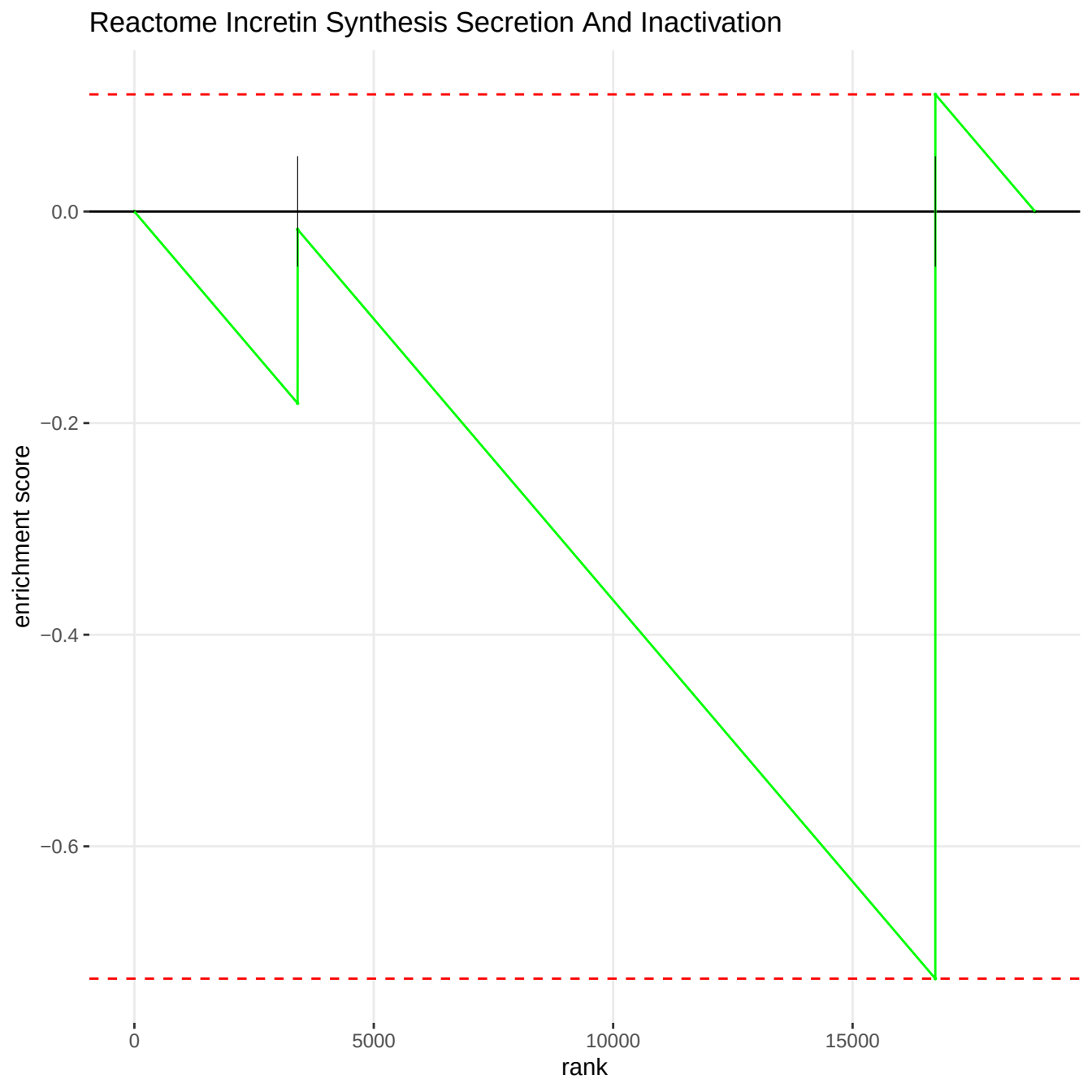

Reactome Hiv Life Cycle
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

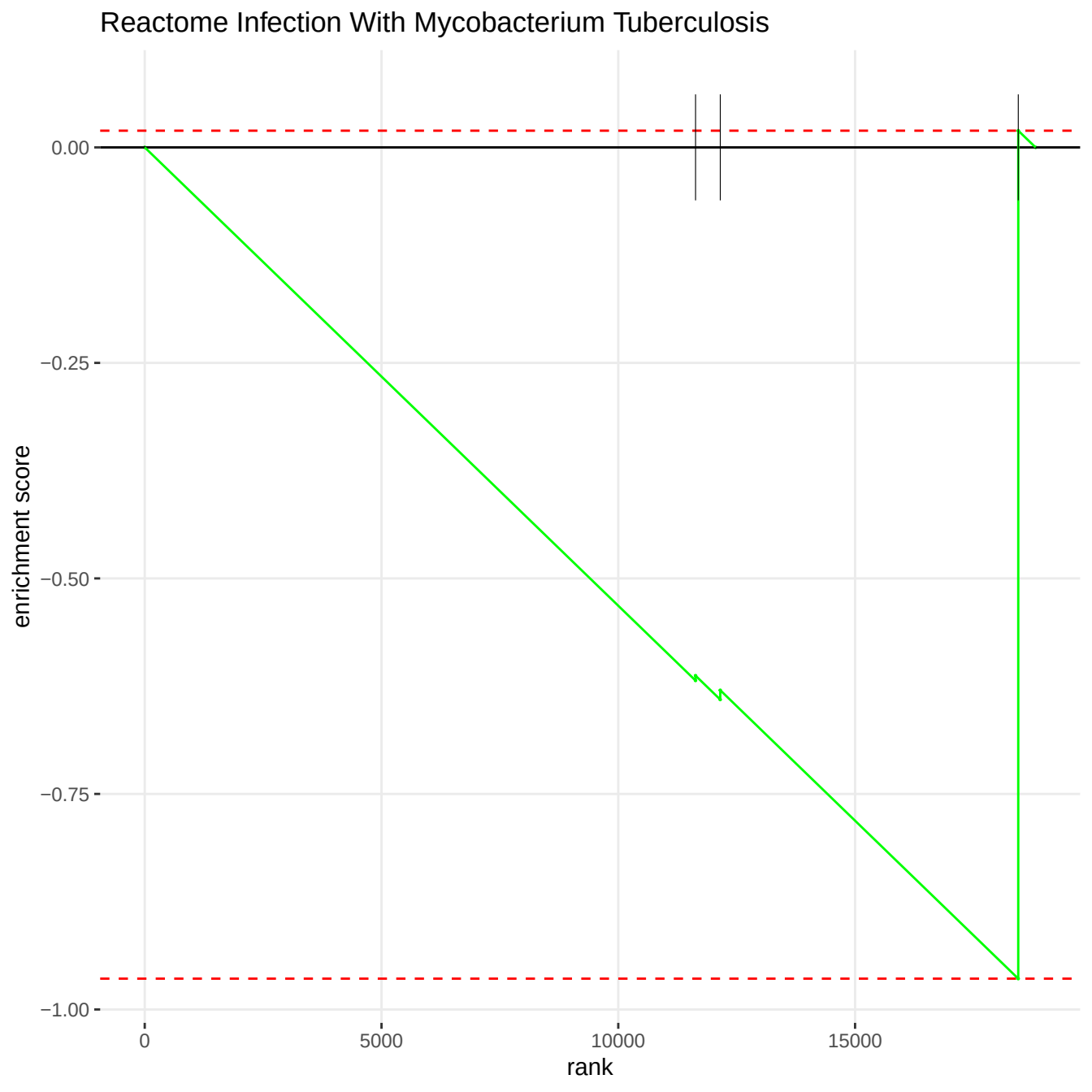

Reactome Hiv Transcription Initiation
enrichment score
0.4
0.2
0.0
0
5000
10000
15000
rank

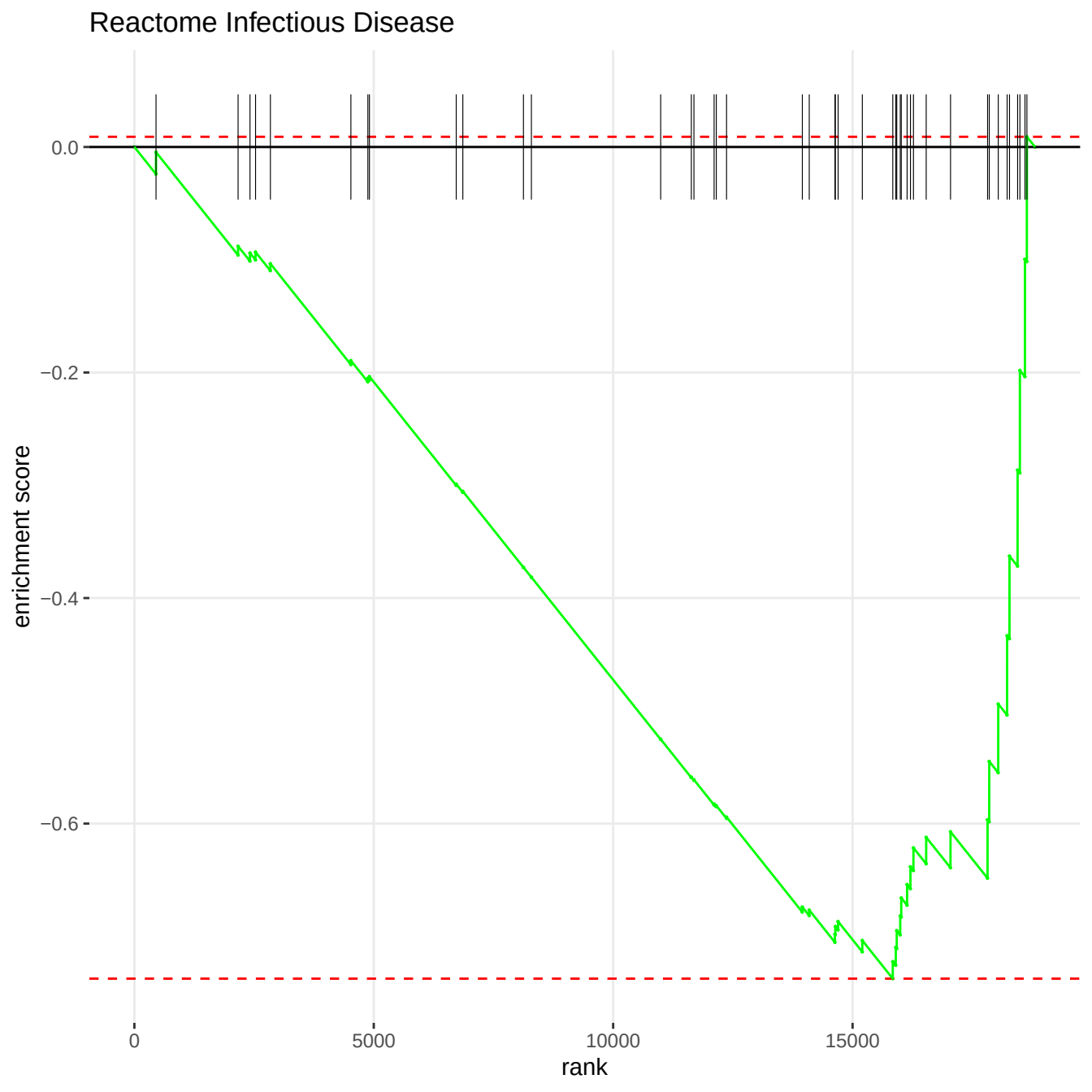

Reactome Homologous Dna Pairing And Strand Exchange
0.1
0.0
−0.1
−0.2
−0.3
enrichment score
0
5000
10000
15000
rank

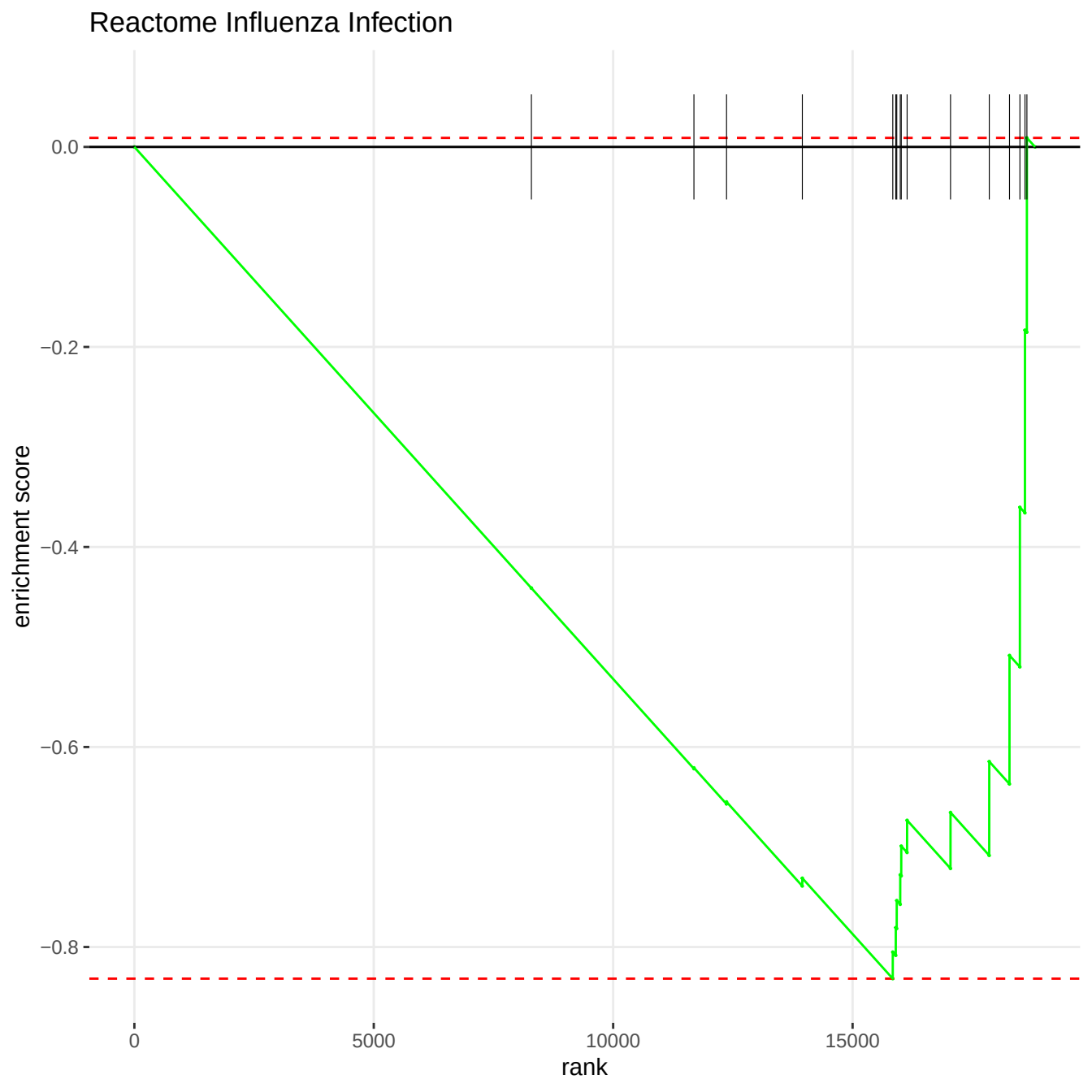

Reactome Homology Directed Repair
0.0
−0.1
−0.2
−0.3
−0.4
enrichment score
0
5000
10000
15000
rank

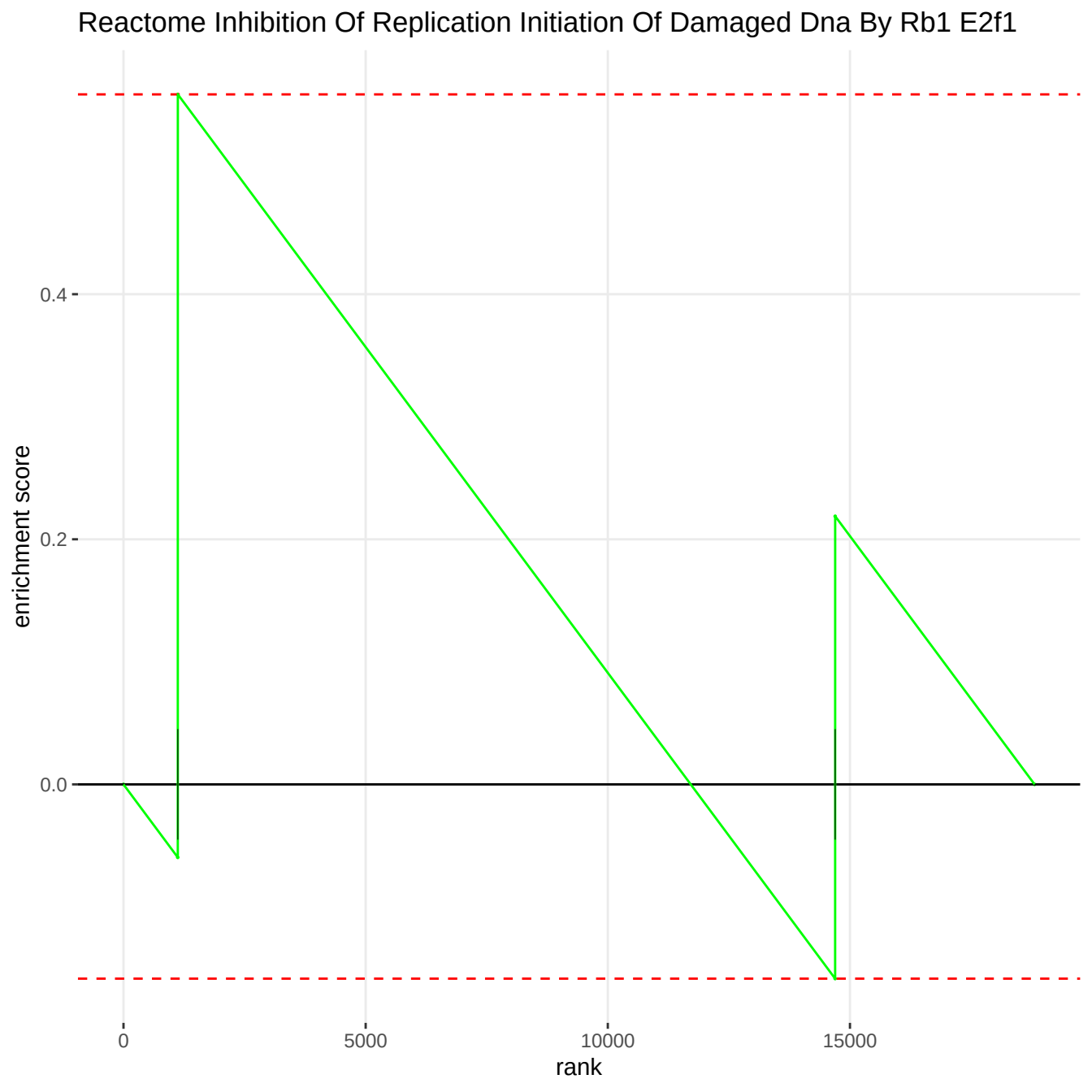

Reactome Host Interactions Of Hiv Factors
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

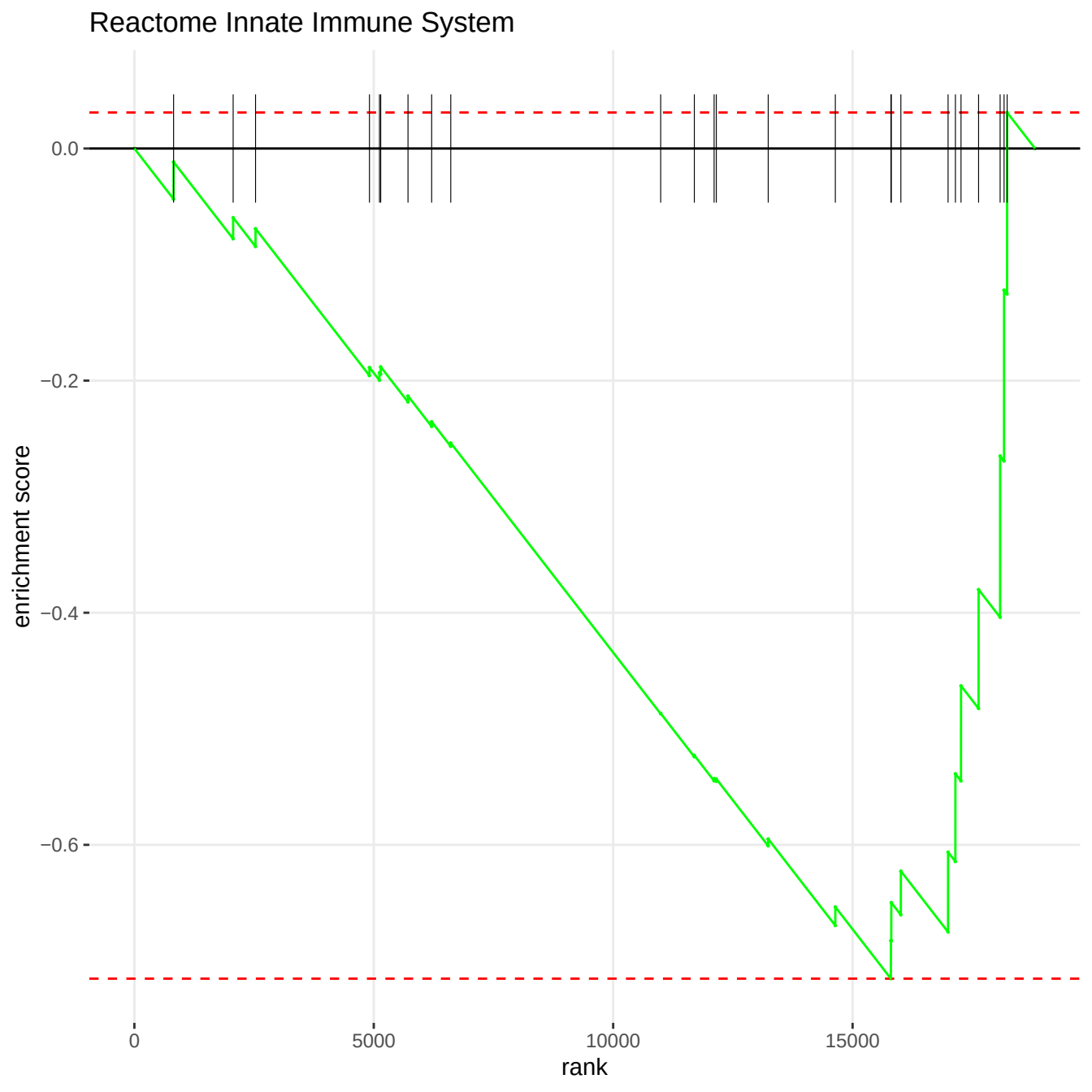

Reactome Incretin Synthesis Secretion And Inactivation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

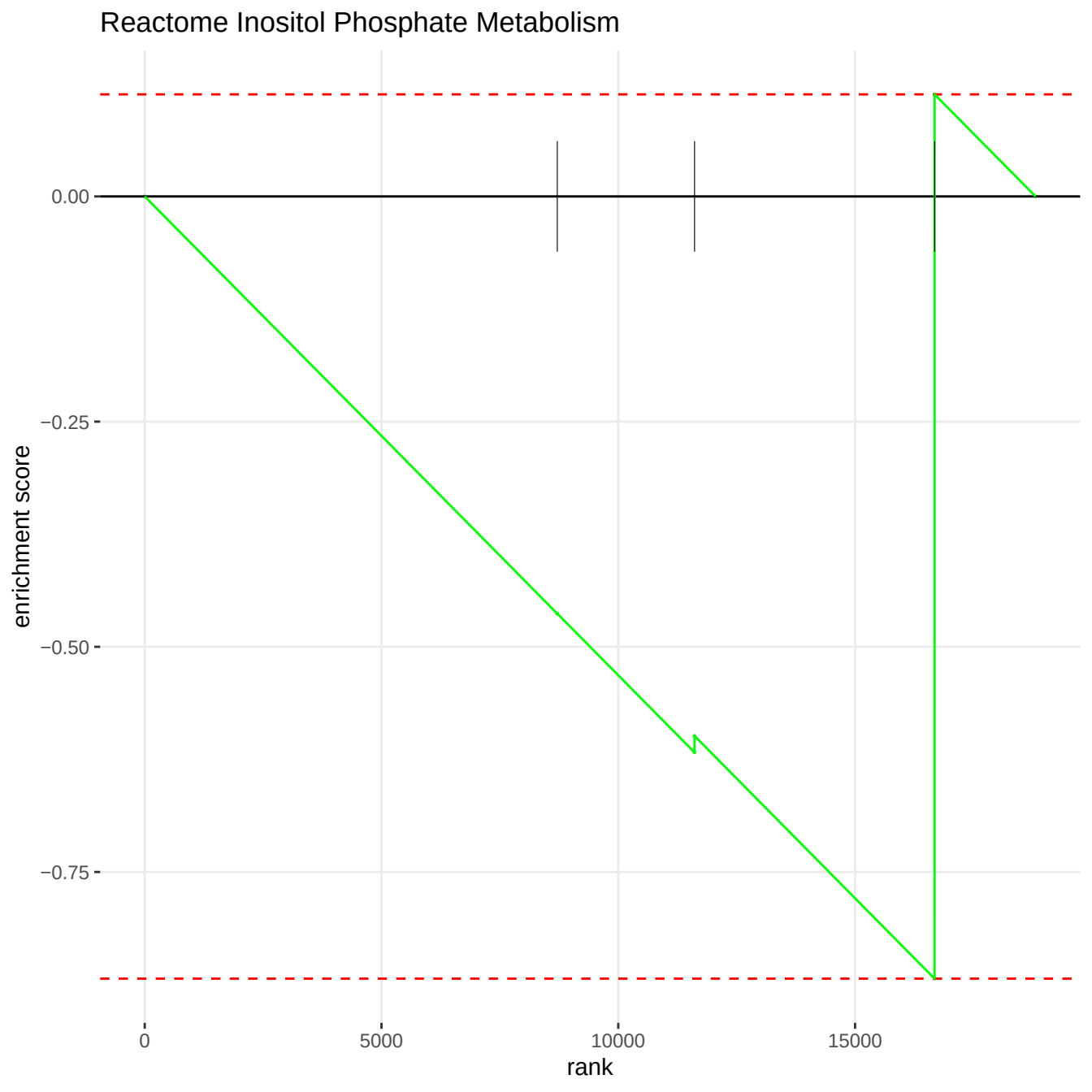

Reactome Infection With Mycobacterium Tuberculosis
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

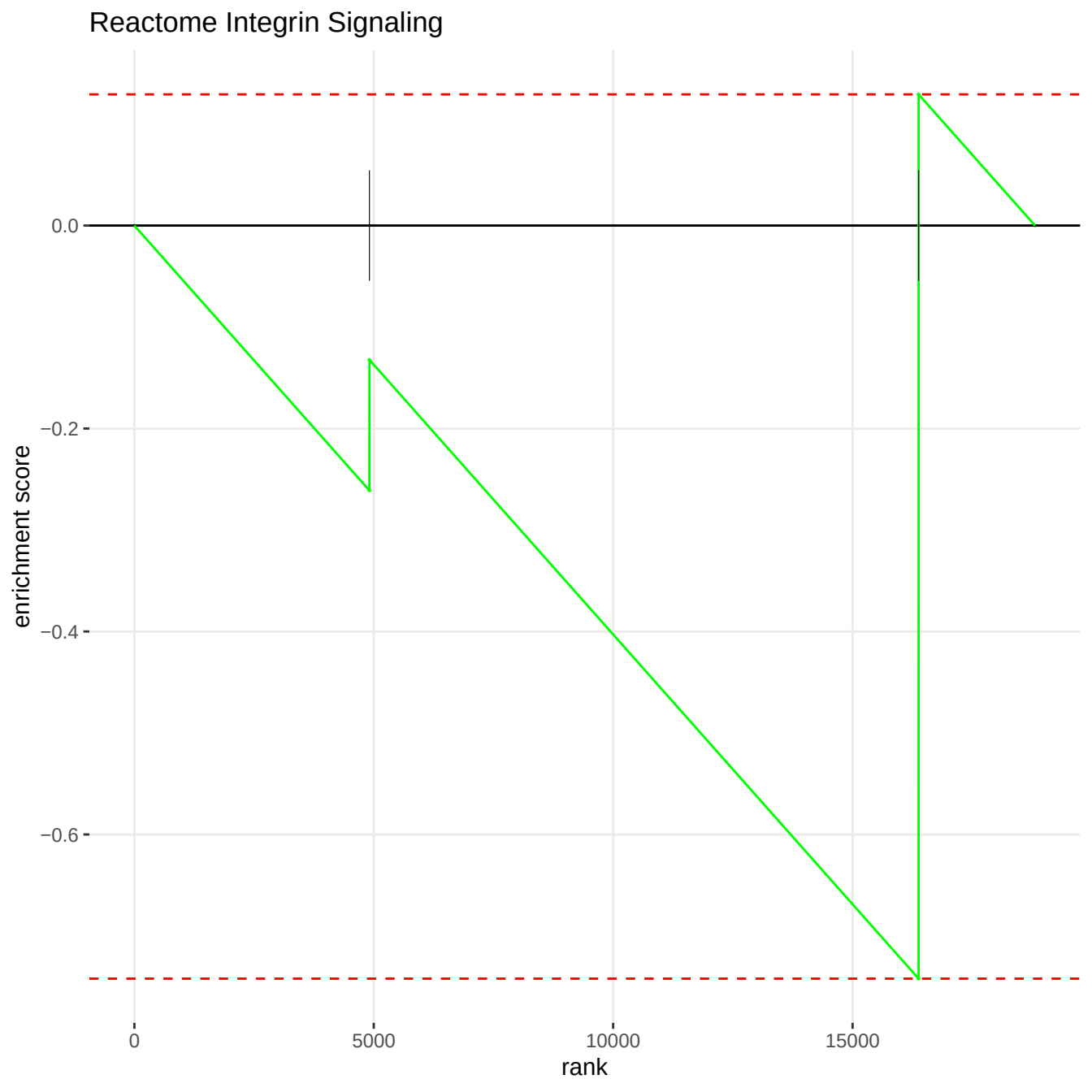

Reactome Infectious Disease
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Influenza Infection
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

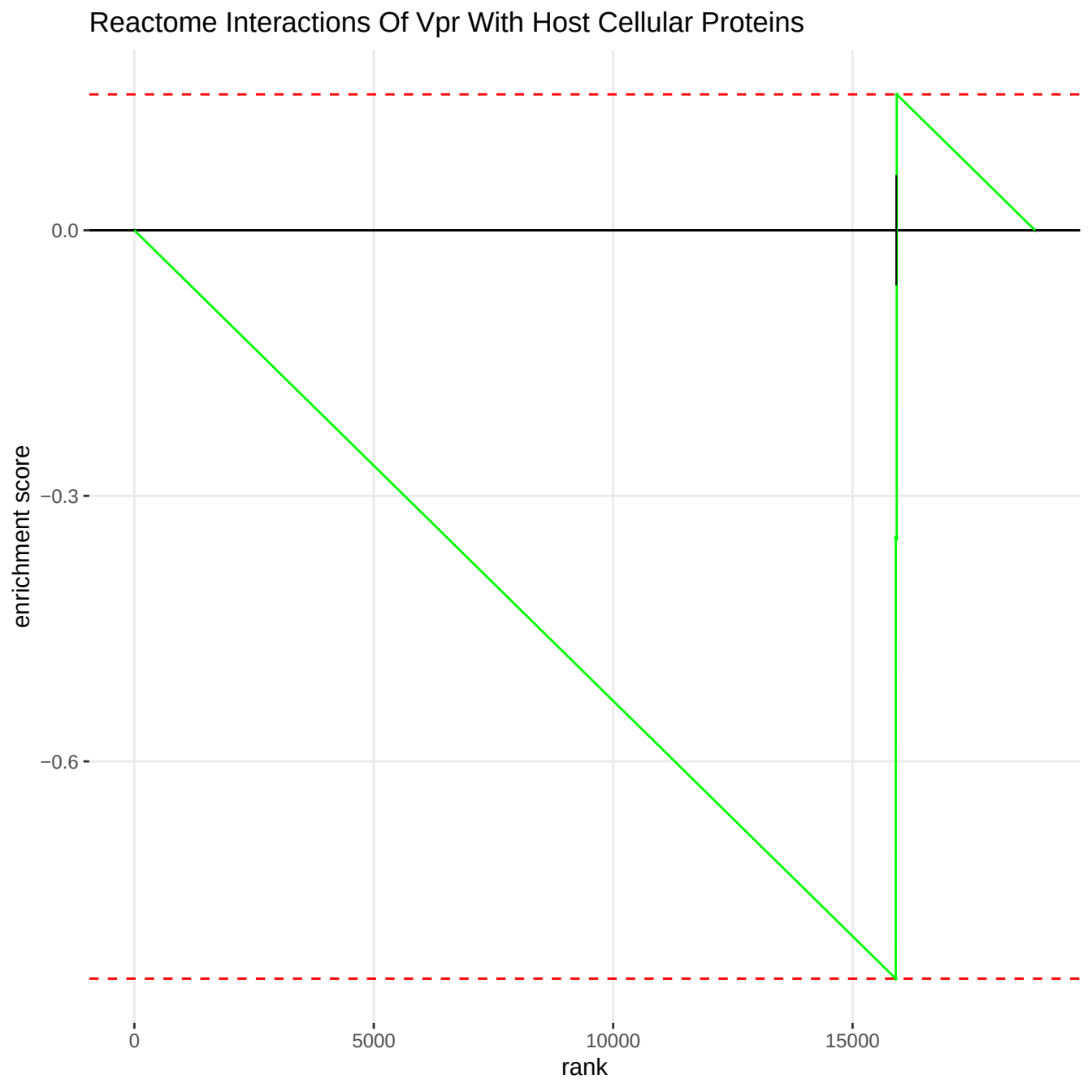

Reactome Inhibition Of Replication Initiation Of Damaged Dna By Rb1 E2f1
enrichment score
0.4
0.2
0.0
0
5000
10000
15000
rank

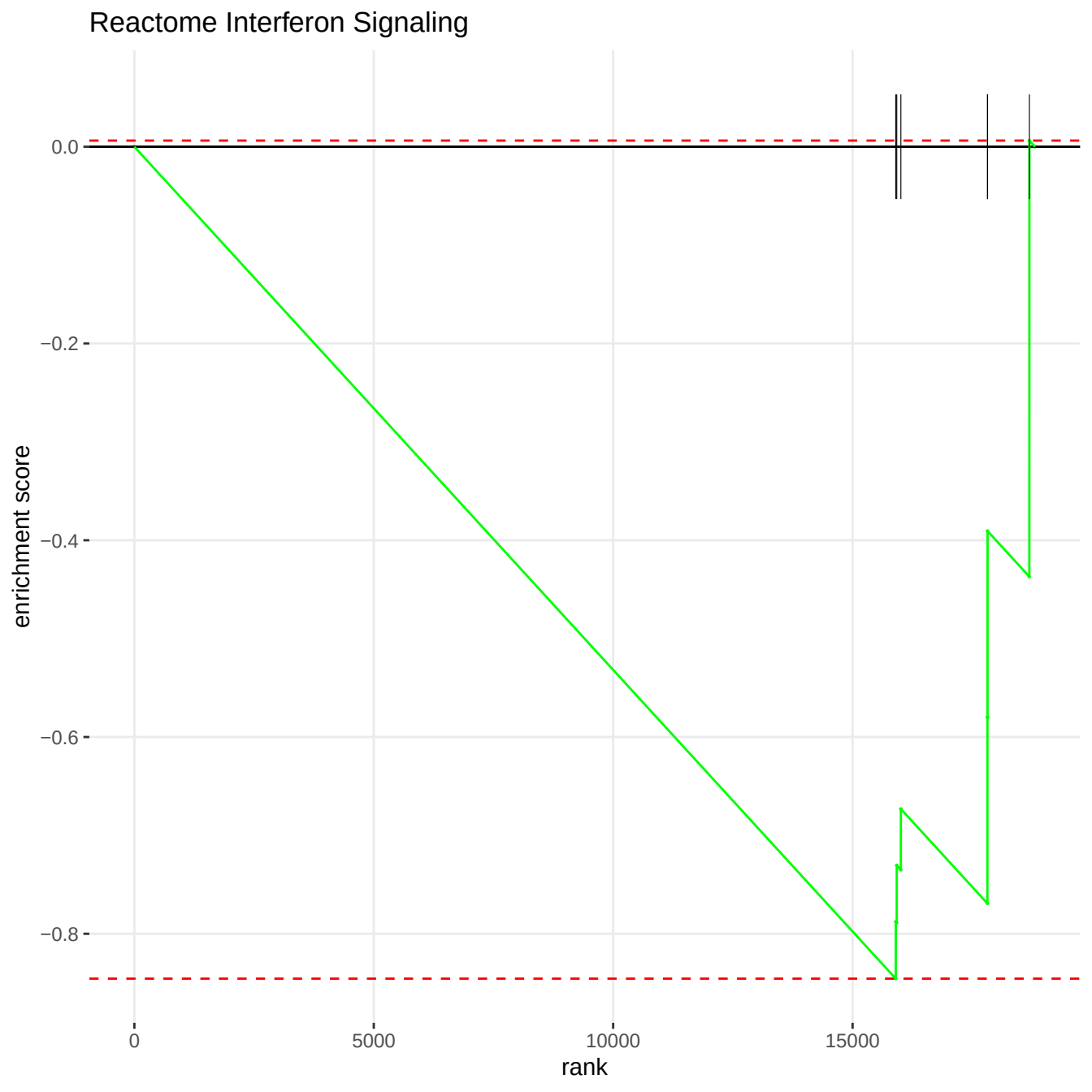

Reactome Innate Immune System
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

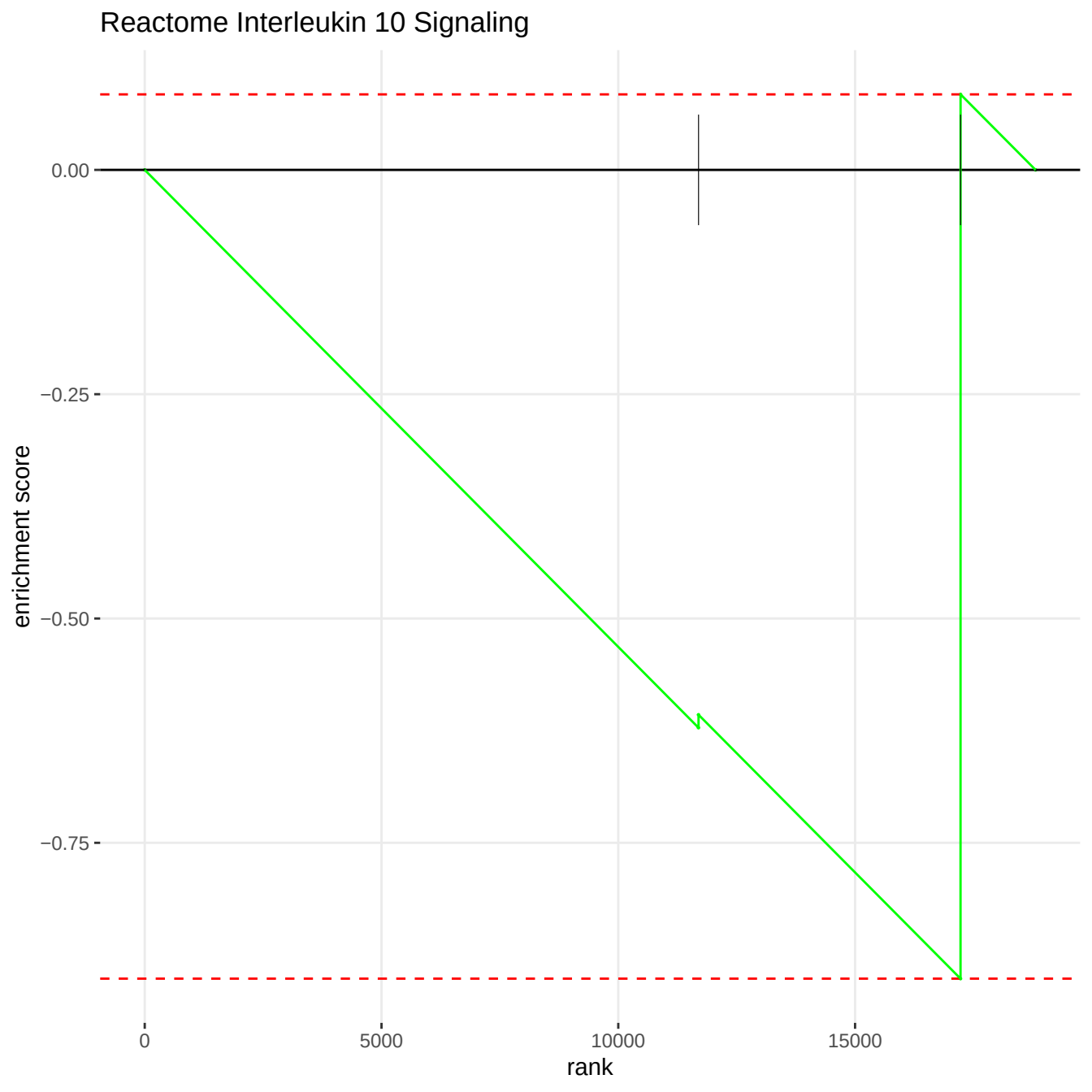

Reactome Inositol Phosphate Metabolism
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

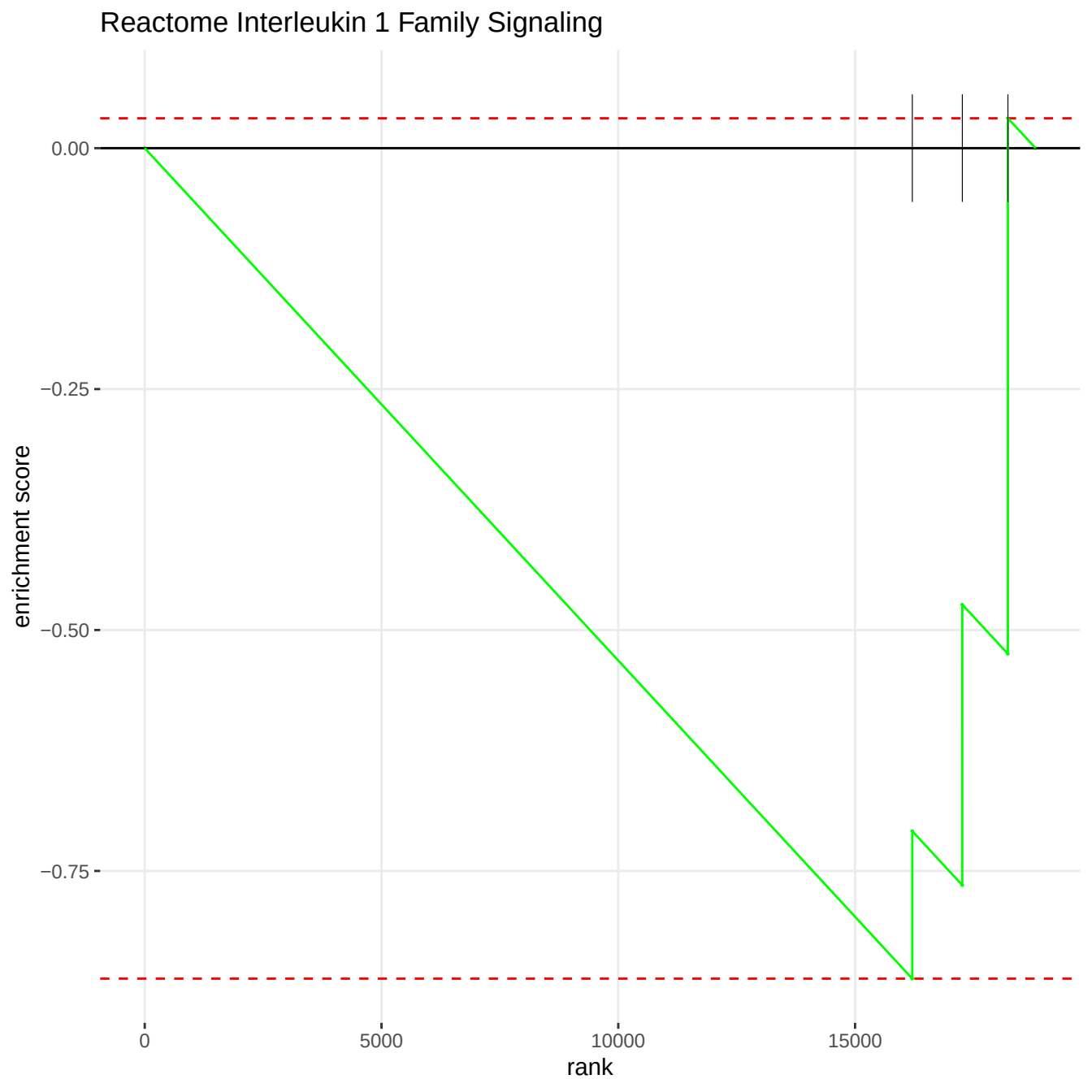

Reactome Integrin Signaling
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

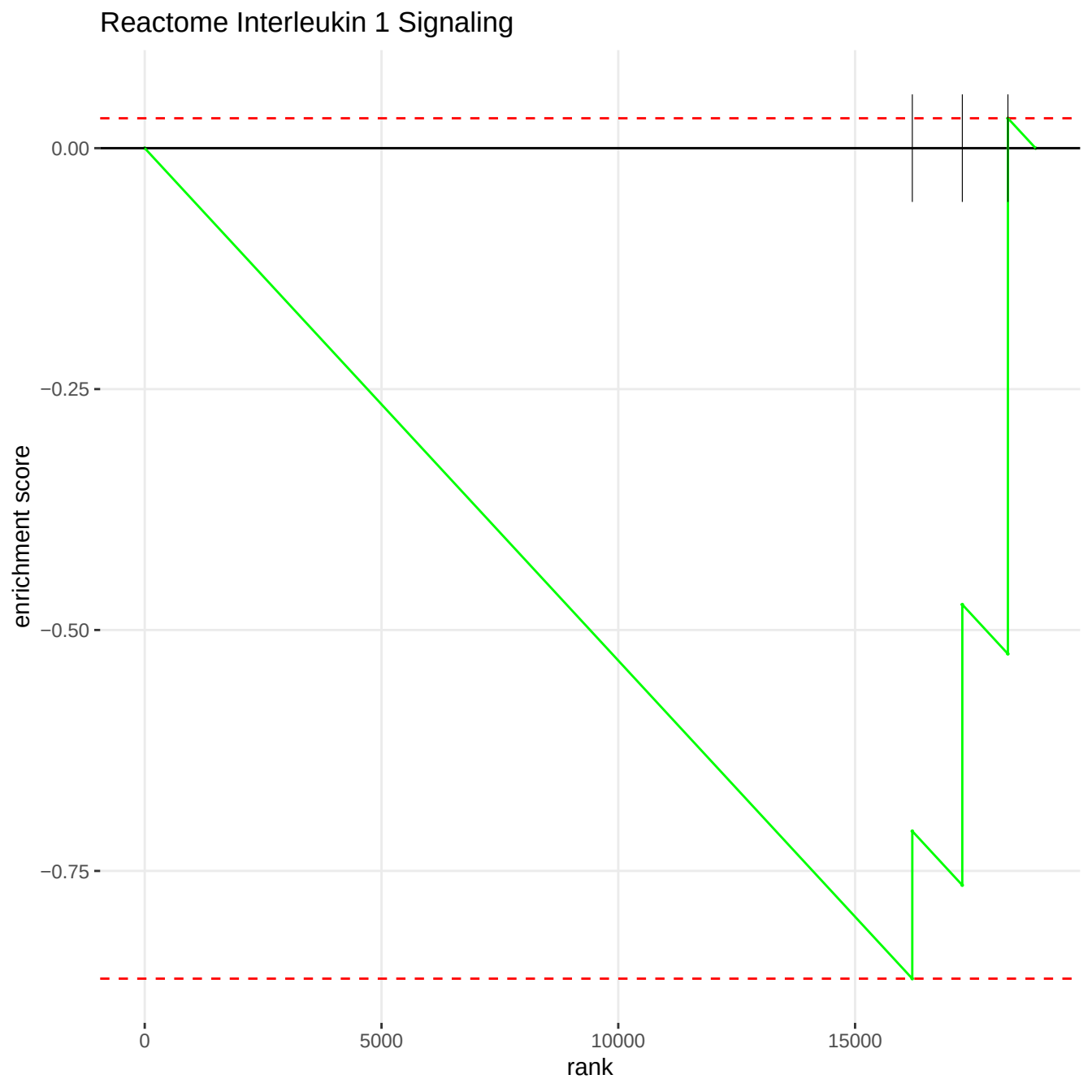
Reactome Interactions Of Rev With Host Cellular Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

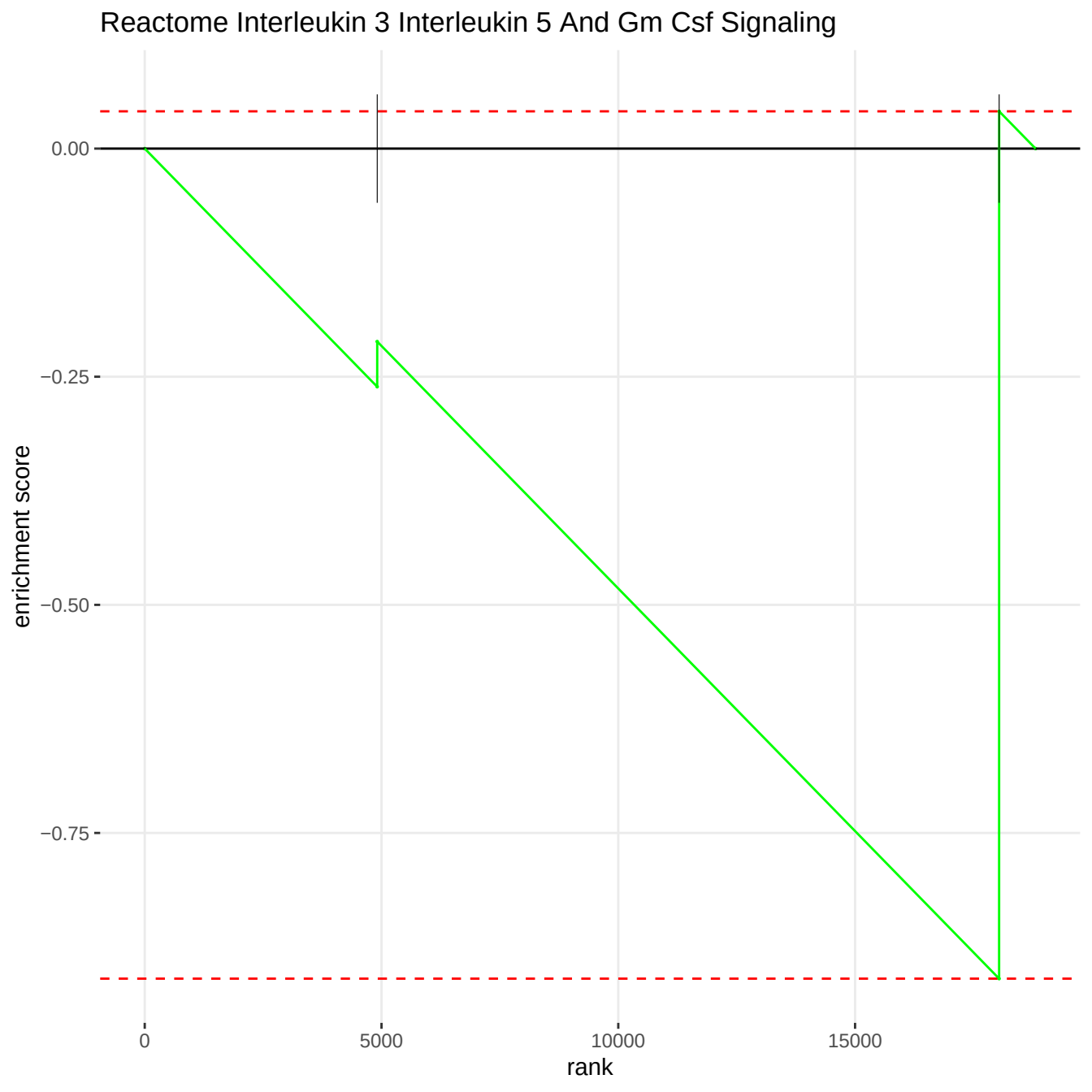

Reactome Interactions Of Vpr With Host Cellular Proteins
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

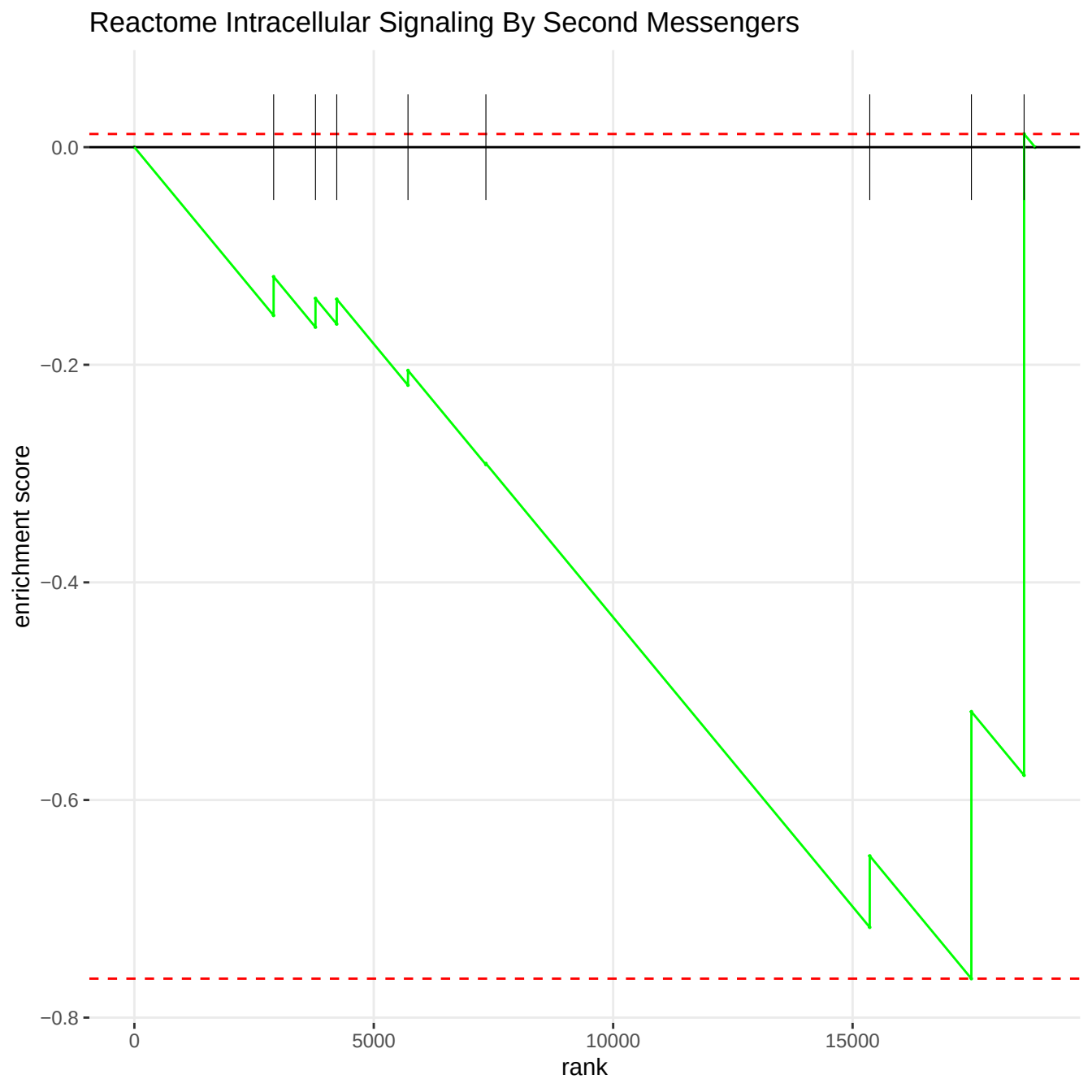

Reactome Interferon Signaling
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Interleukin 10 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

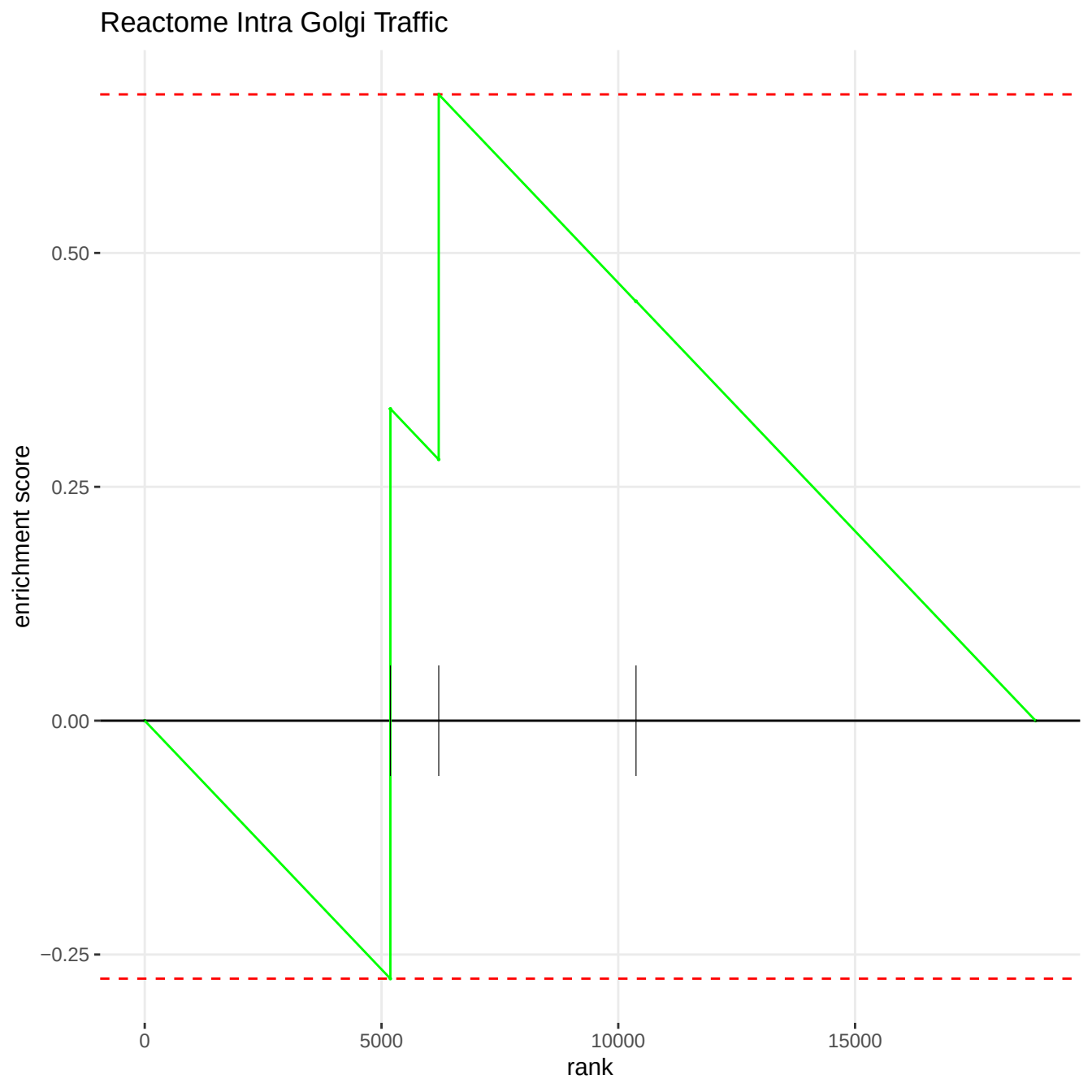

Reactome Interleukin 1 Family Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Interleukin 1 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

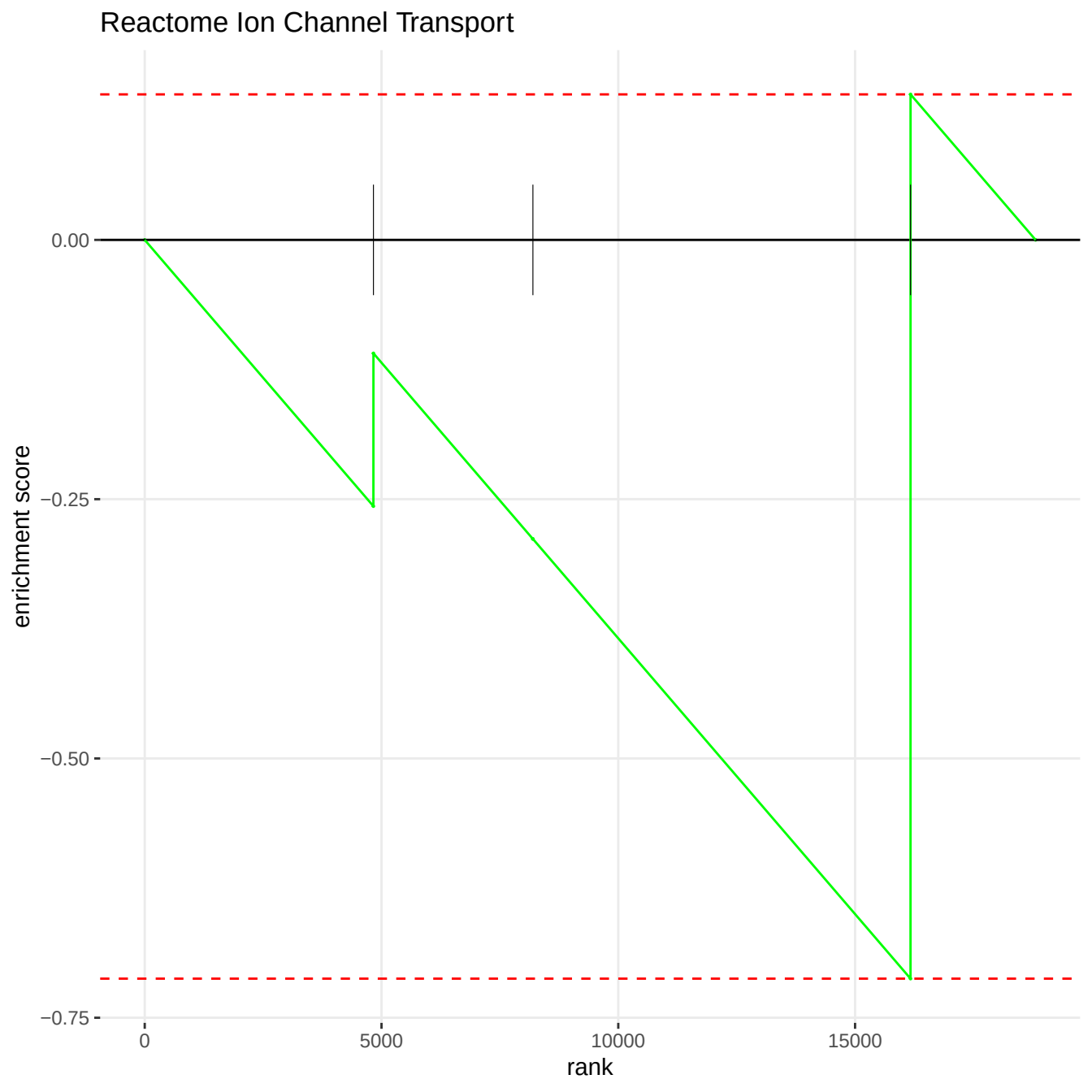

Reactome Interleukin 3 Interleukin 5 And Gm Csf Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Intracellular Signaling By Second Messengers
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

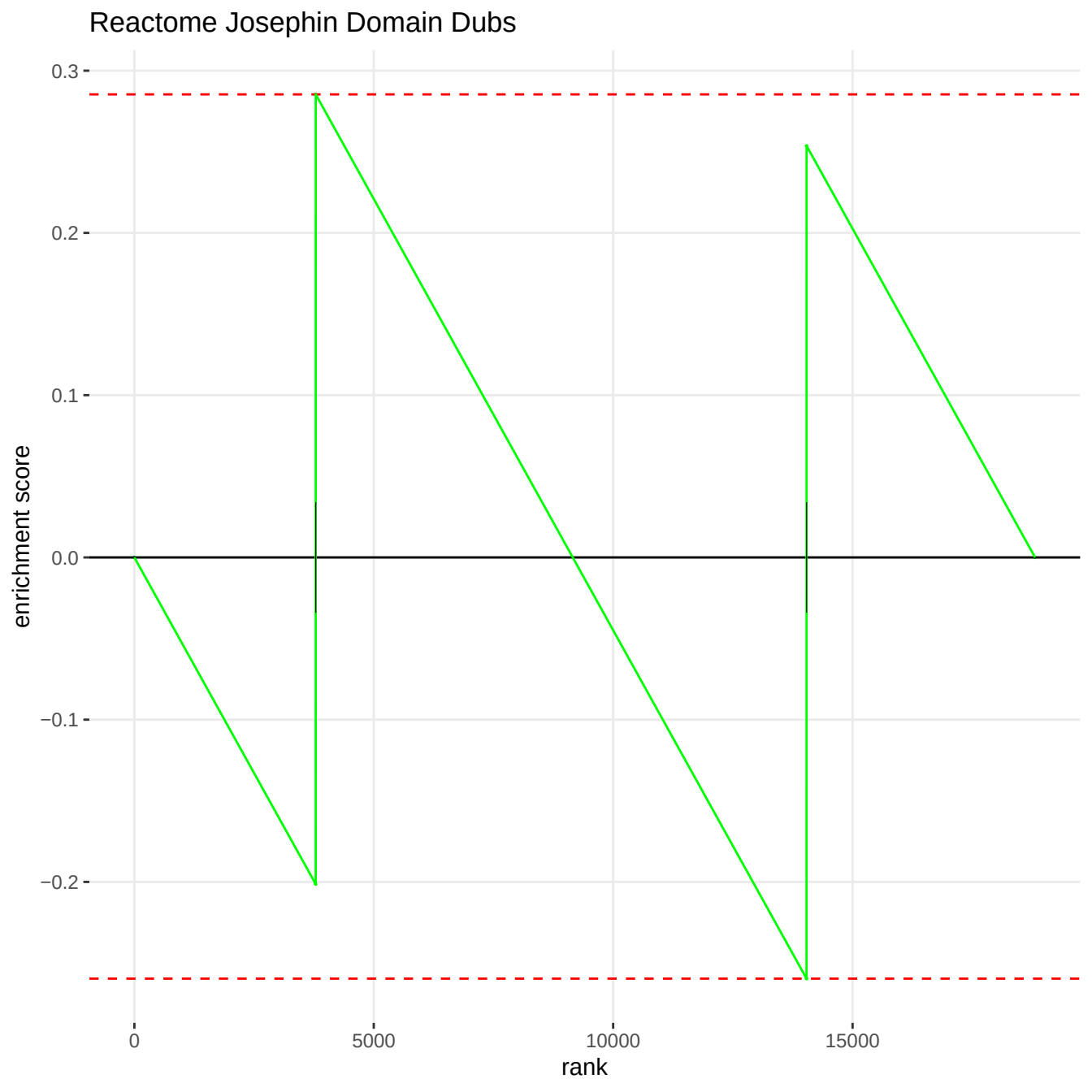
Reactome Intra Golgi And Retrograde Golgi To Er Traffic
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

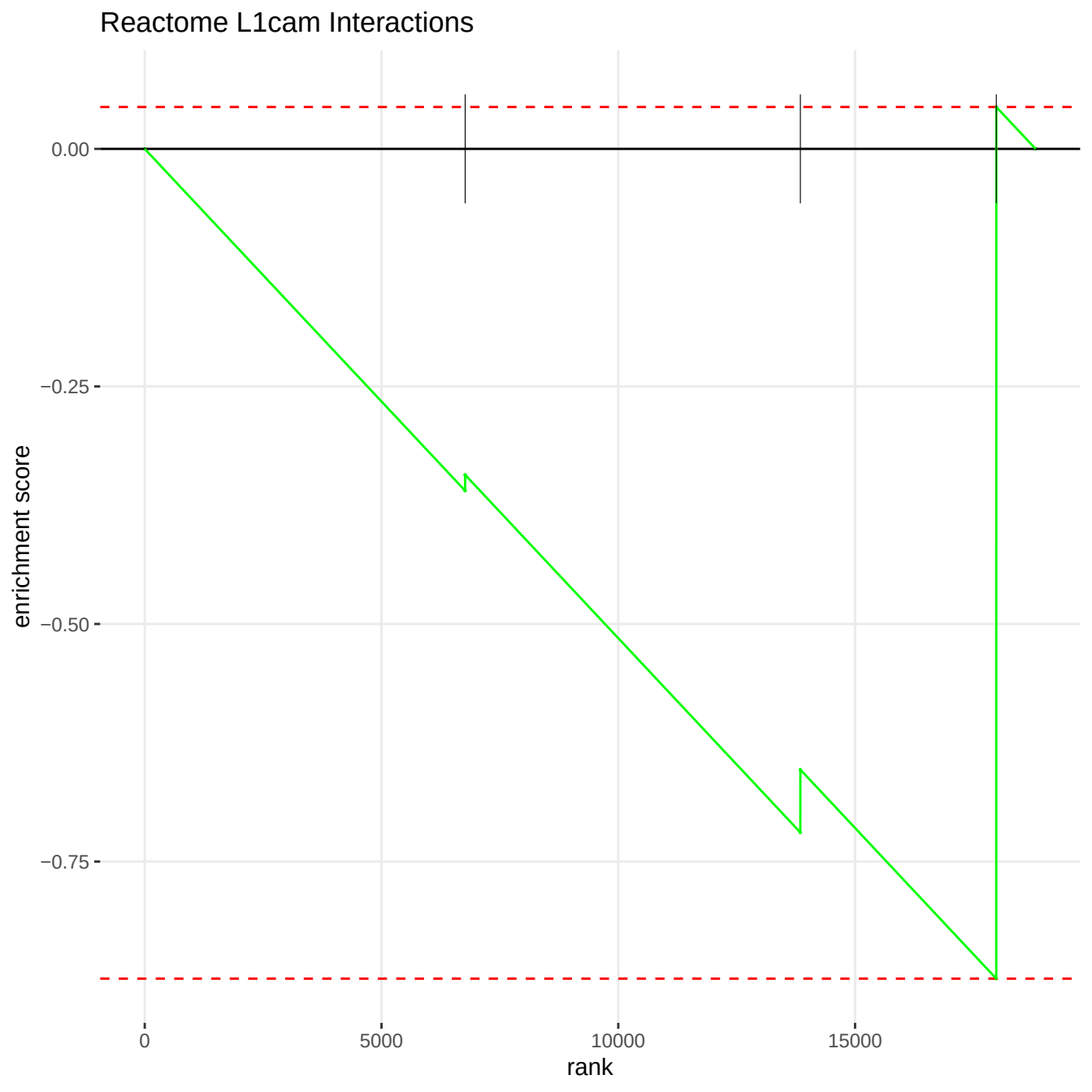

Reactome Intra Golgi Traffic
enrichment score
0.50
0.25
0.00
−0.25
0
5000
10000
15000
rank

Reactome Intrinsic Pathway For Apoptosis
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

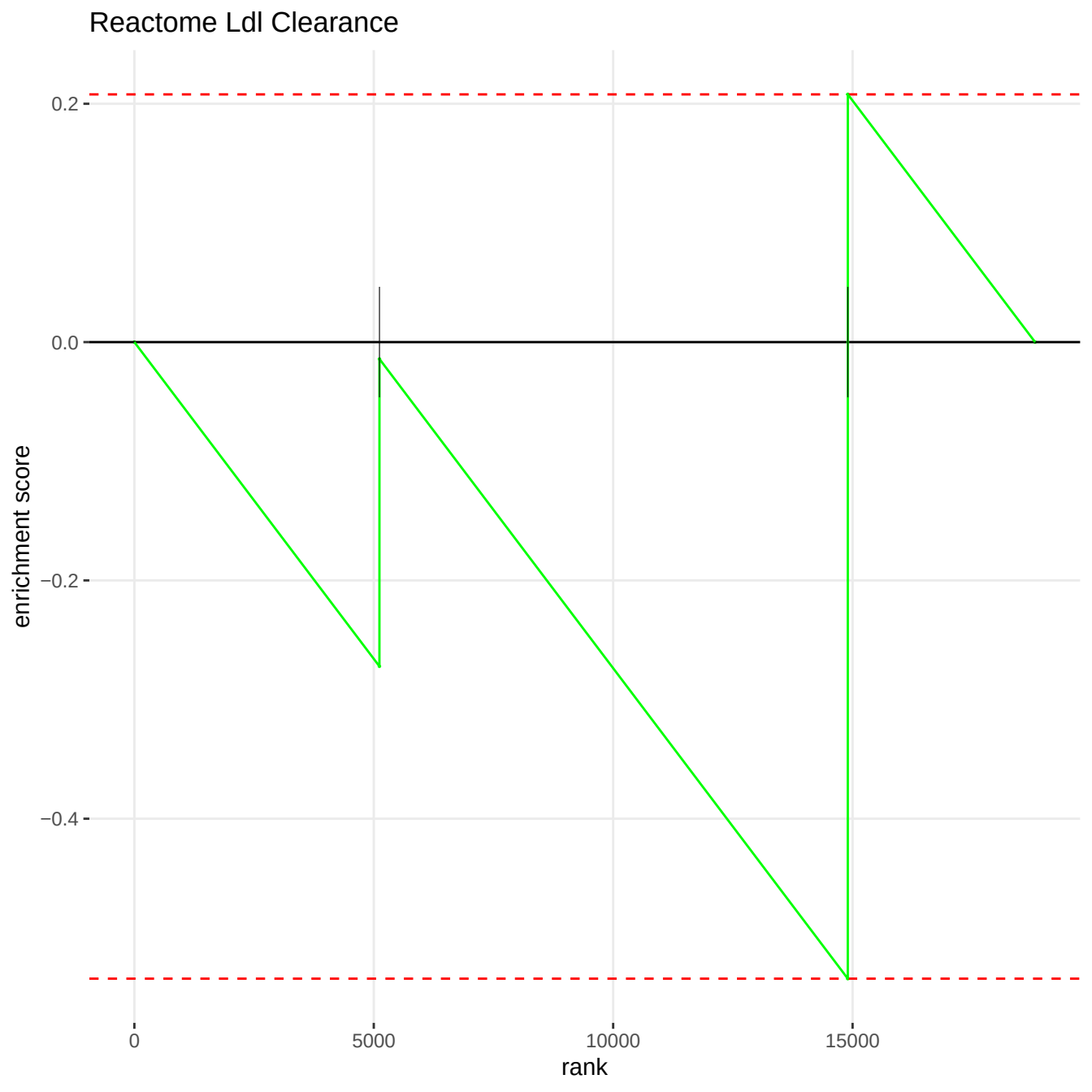

Reactome Ion Channel Transport
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

Reactome Iron Uptake And Transport
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

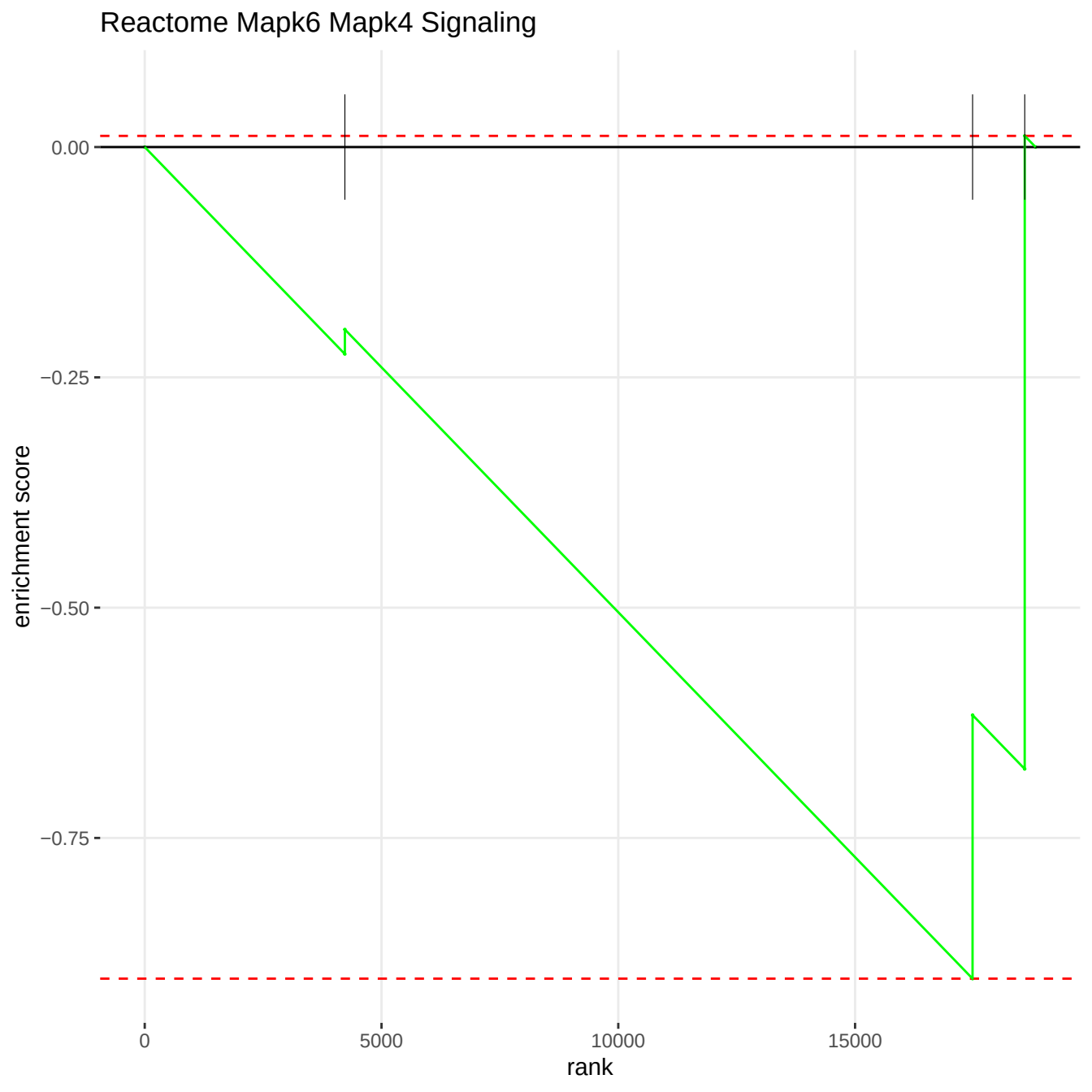

Reactome Josephin Domain Dubs
0.3
0.2
0.1
0.0
−0.1
−0.2
enrichment score
0
5000
10000
15000
rank

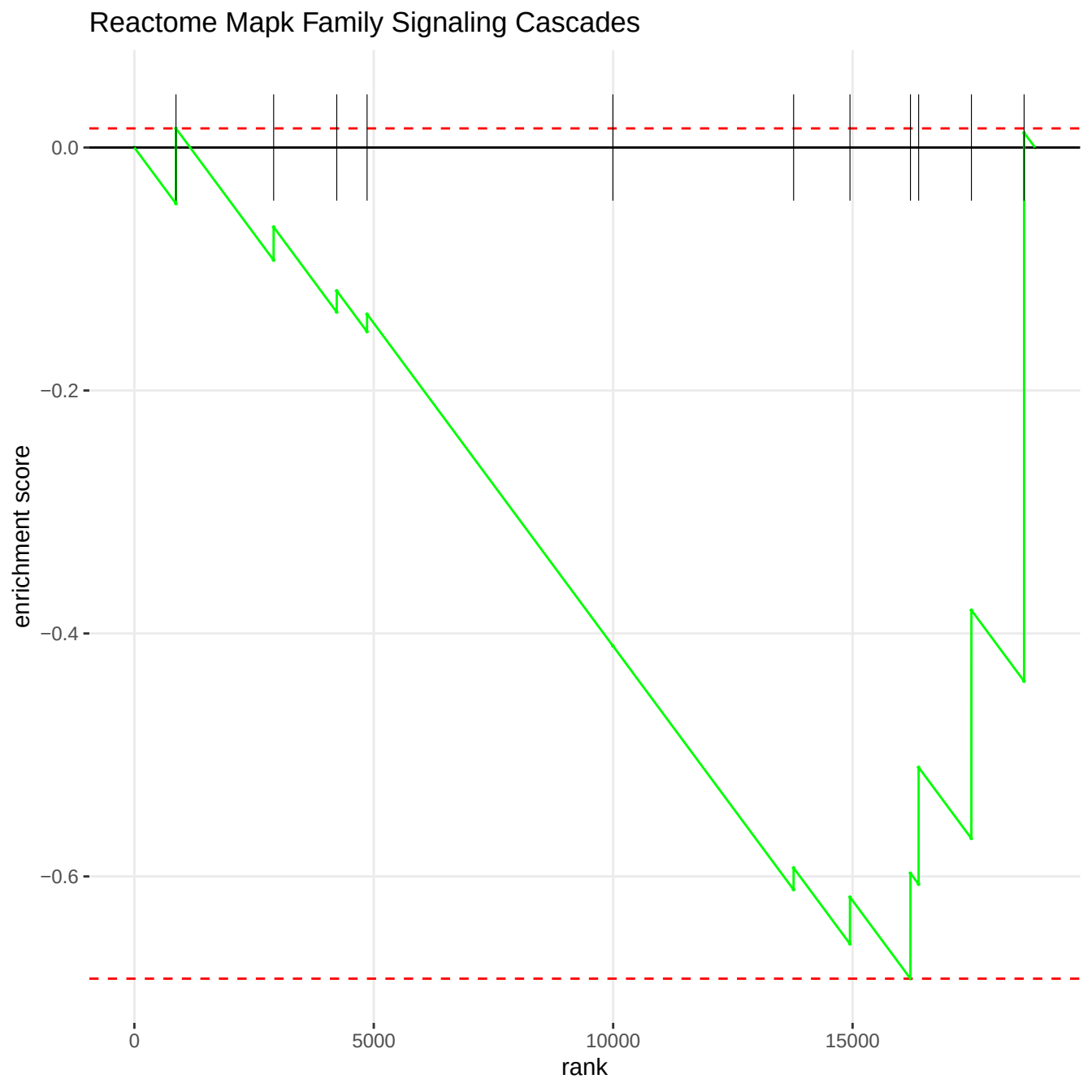

Reactome L1cam Interactions
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

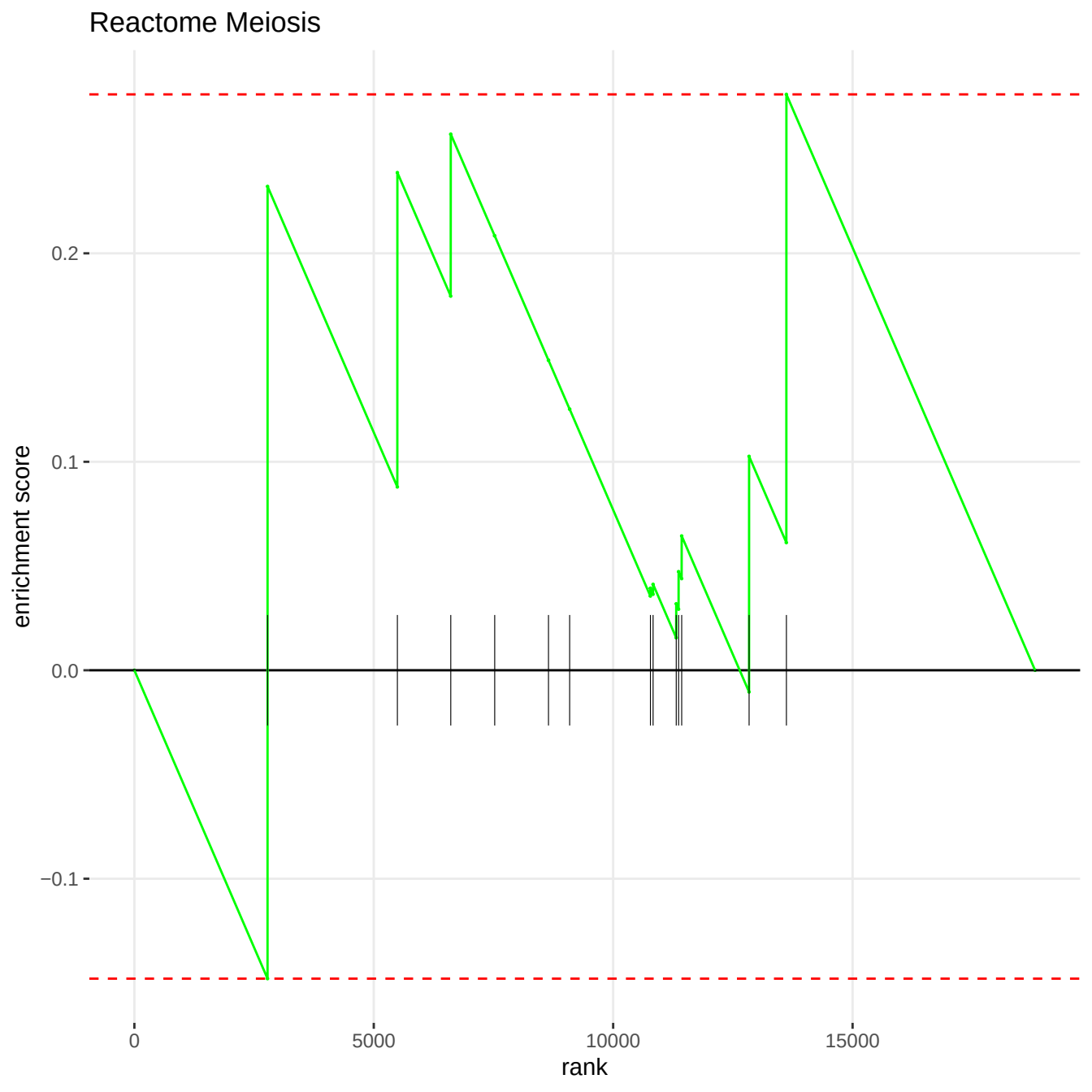
Reactome Lagging Strand Synthesis
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Ldl Clearance
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

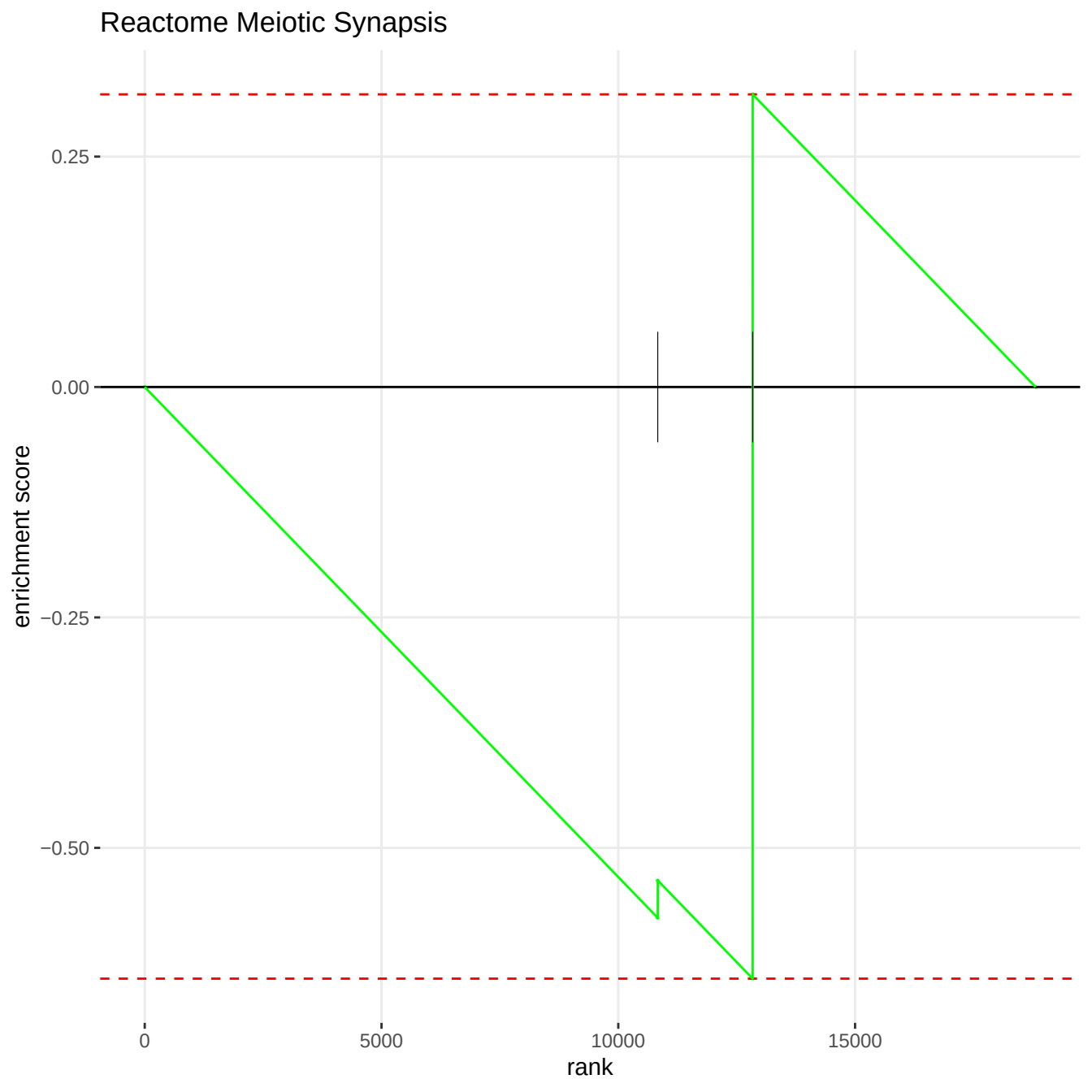
Reactome Leishmania Infection
0.1
0.0
−0.1
−0.2
−0.3
−0.4
enrichment score
0
5000
10000
15000
rank

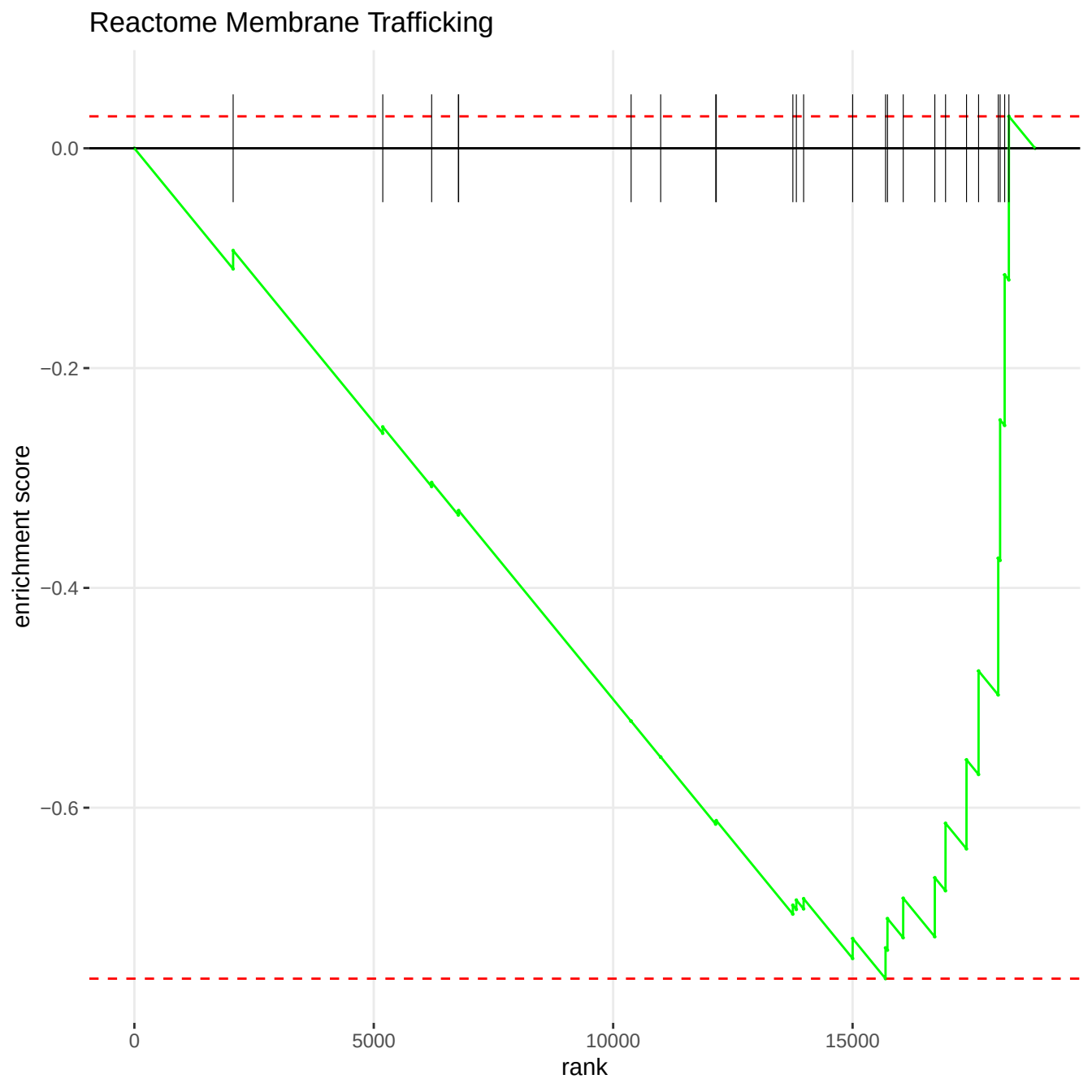

Reactome Mapk6 Mapk4 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Mapk Family Signaling Cascades
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Meiosis
enrichment score
0.2
0.1
0.0
−0.1
0
5000
10000
15000
rank

Reactome Meiotic Recombination
0.3
0.2
0.1
0.0
−0.1
enrichment score
0
5000
10000
15000
rank

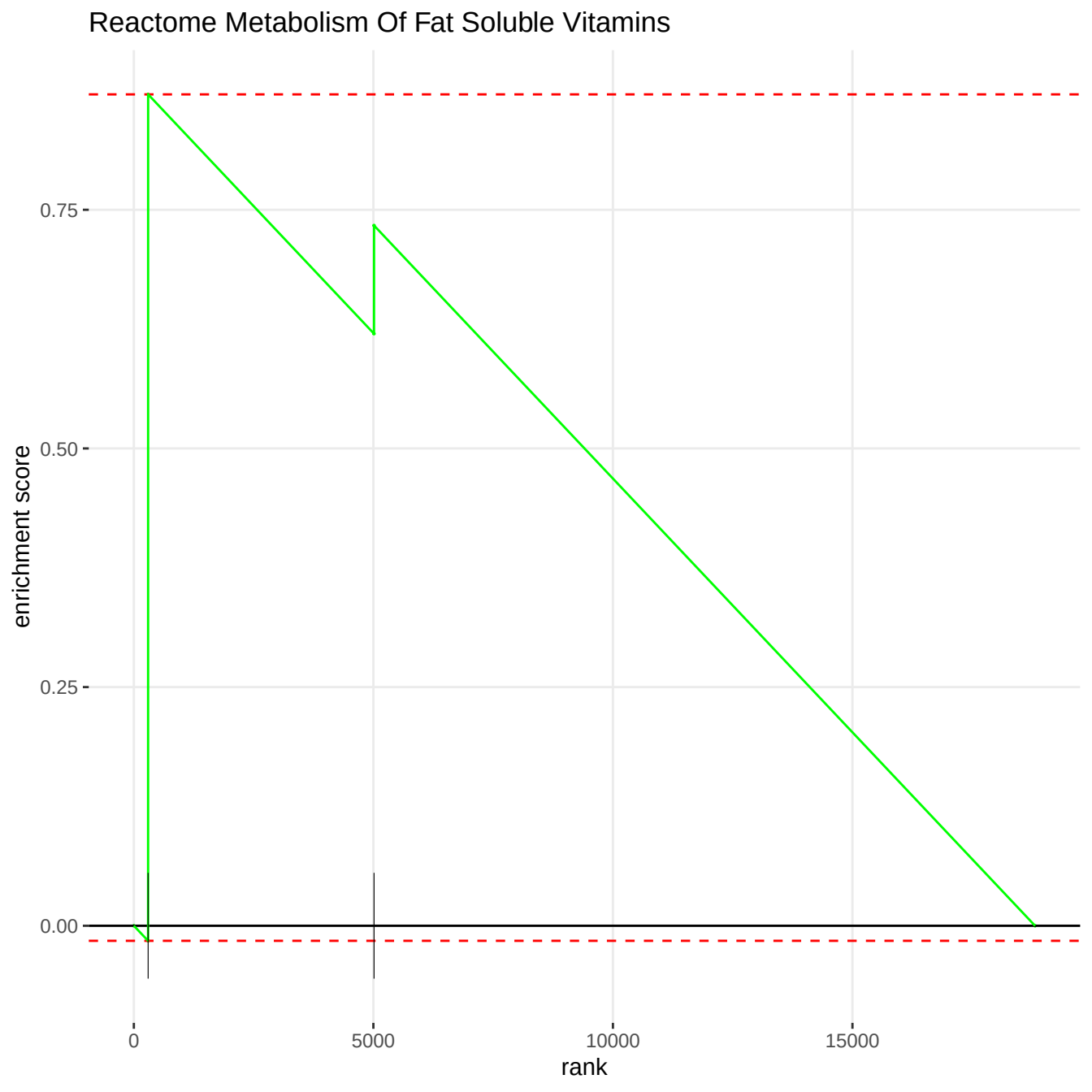

Reactome Meiotic Synapsis
0.25
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank


Reactome Membrane Trafficking
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

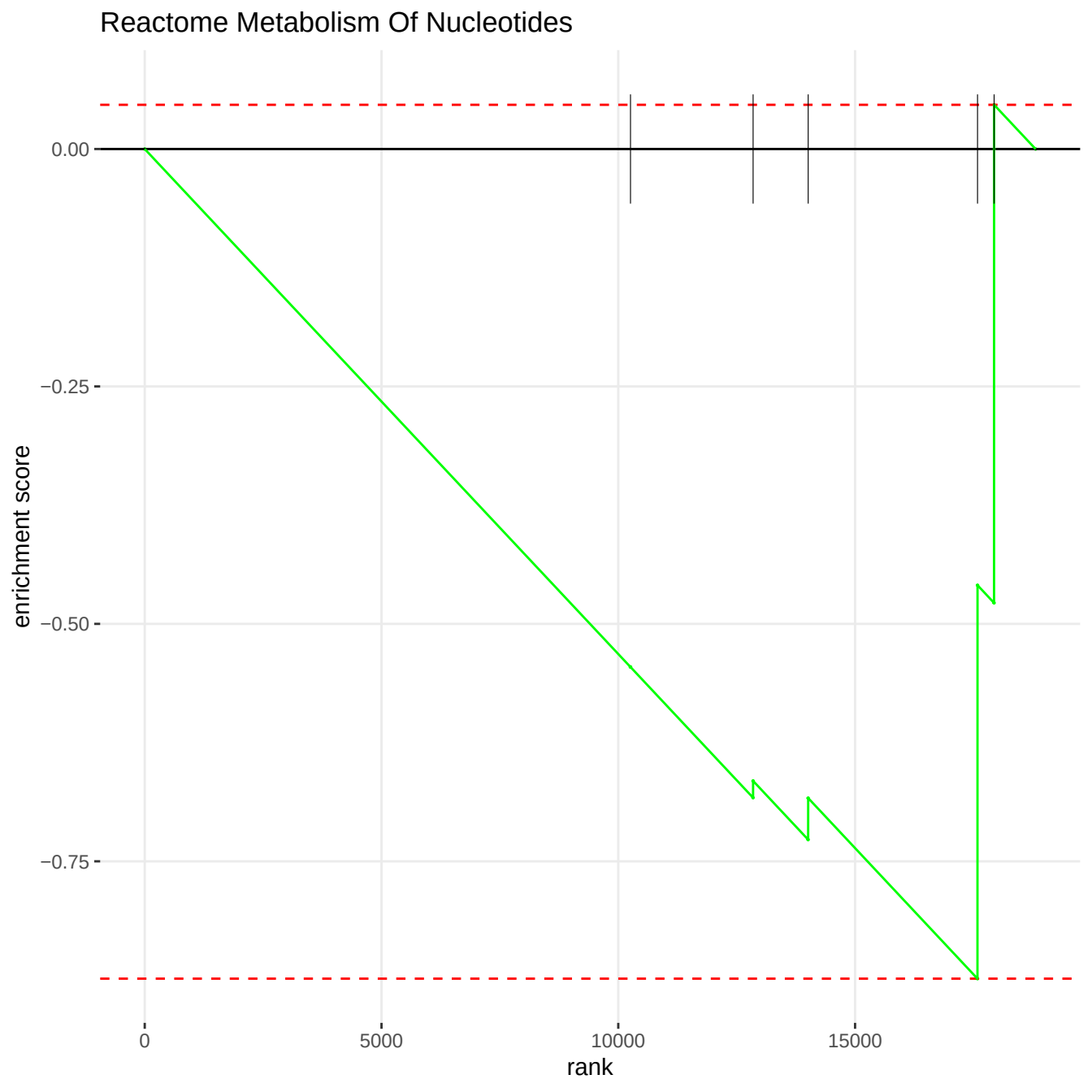
Reactome Metabolism Of Amino Acids And Derivatives
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

Reactome Metabolism Of Carbohydrates
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

Reactome Metabolism Of Cofactors
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Metabolism Of Fat Soluble Vitamins
enrichment score
0.75
0.50
0.25
0.00
0
5000
10000
15000
rank

Reactome Metabolism Of Lipids
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank


Reactome Metabolism Of Nucleotides
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enrichment score
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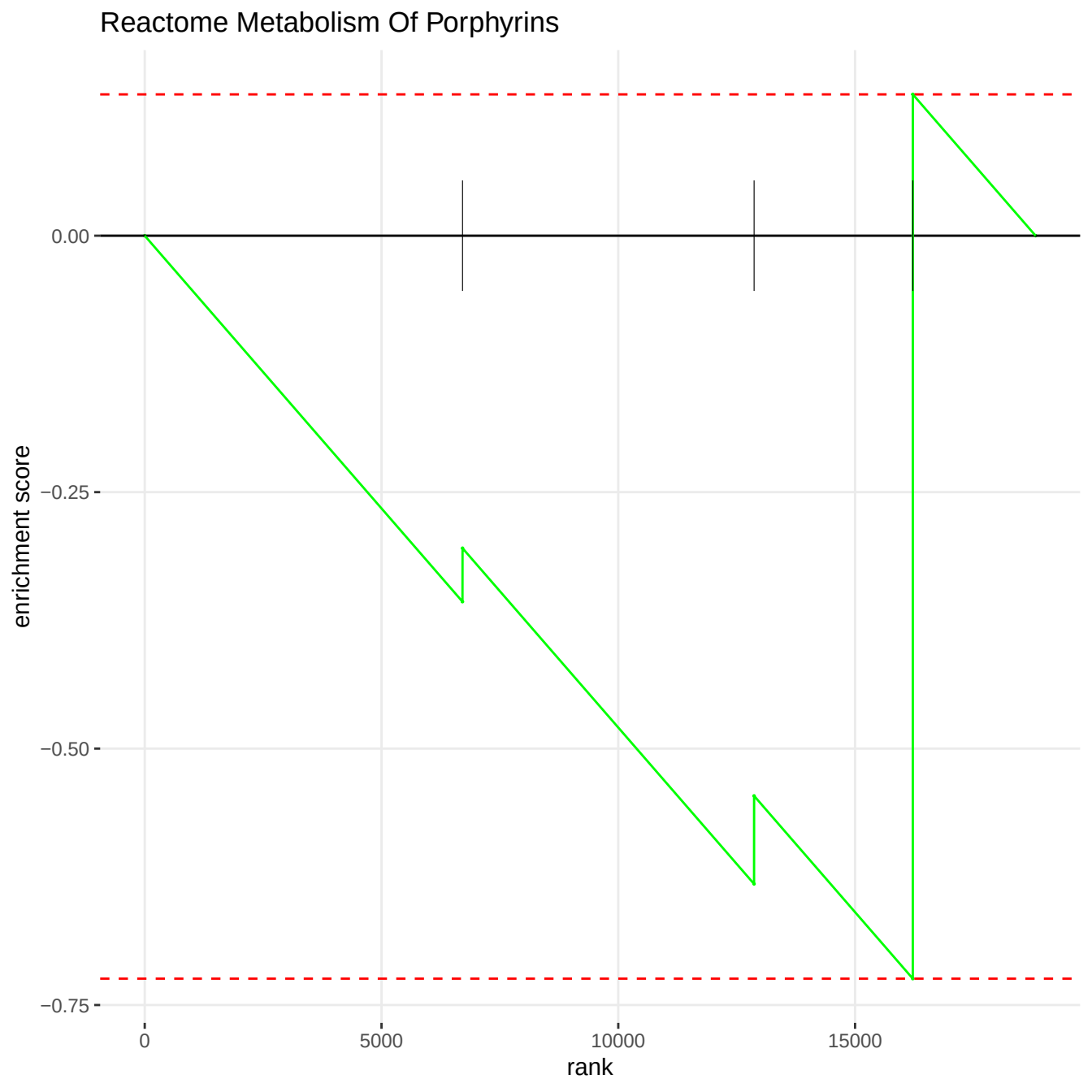
5000
10000
15000
rank


Reactome Metabolism Of Porphyrins
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

Reactome Metabolism Of Rna
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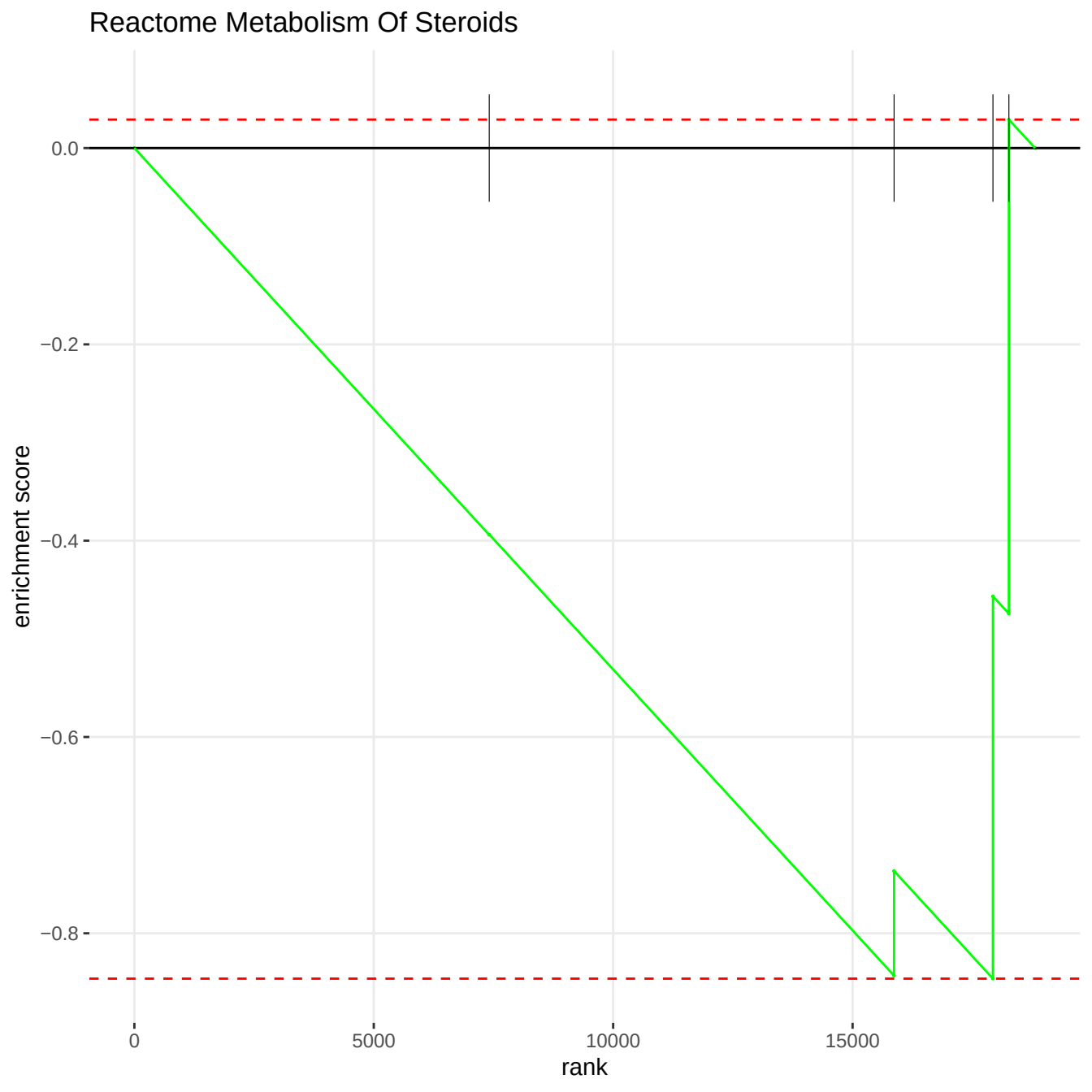
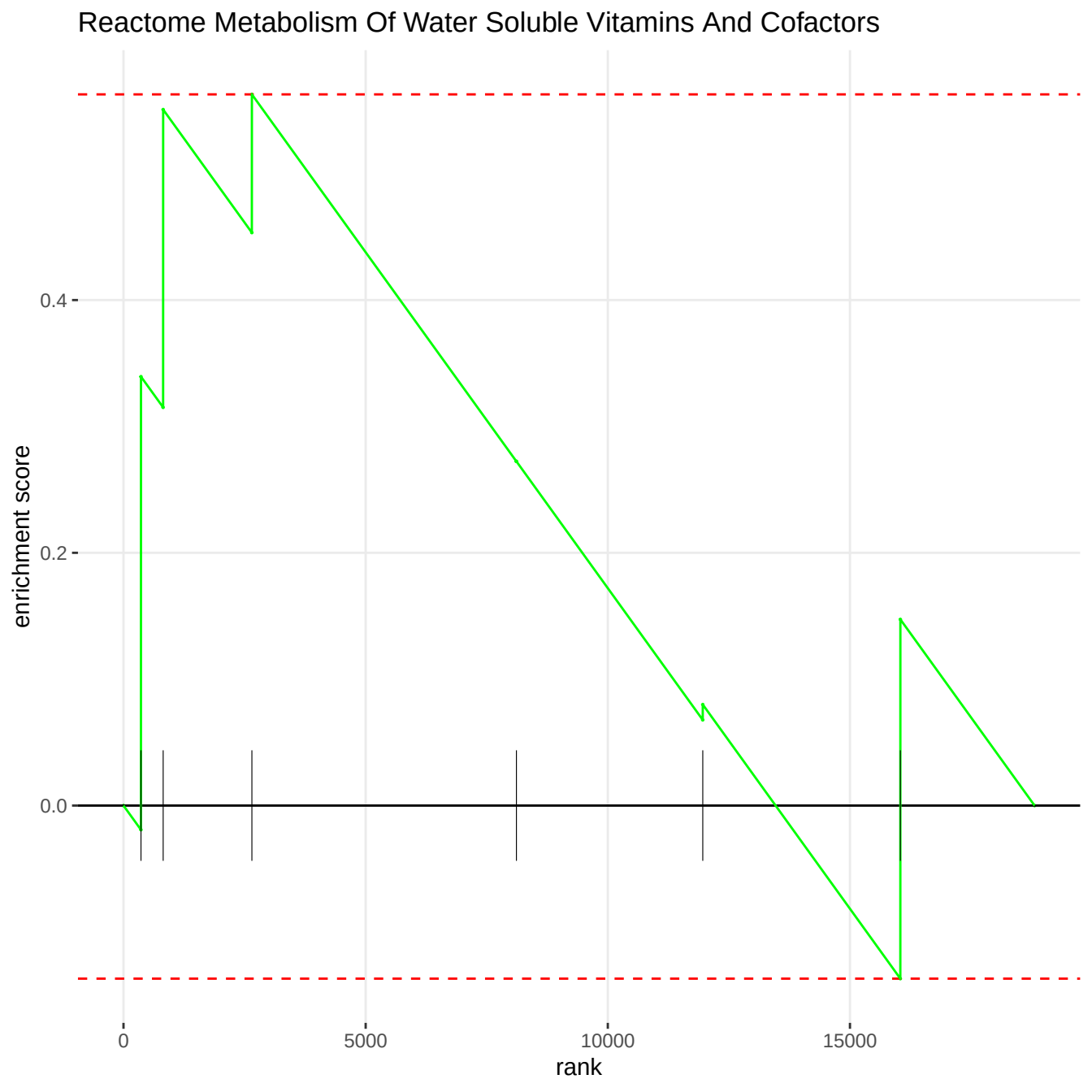
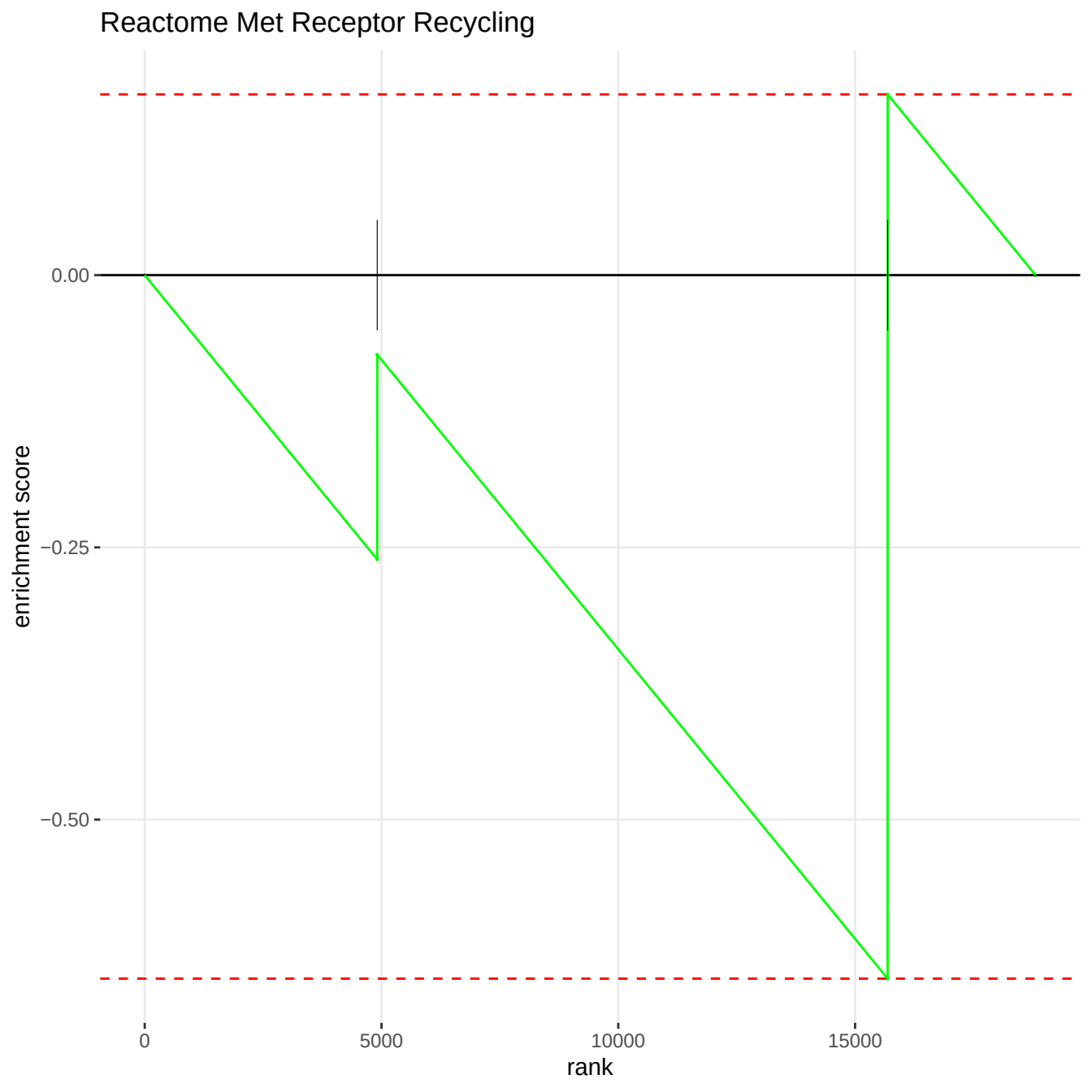
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Metabolism Of Steroids
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

Reactome Metabolism Of Vitamins And Cofactors
enrichment score
0.25
0.00
−0.25
0
5000
10000
15000
rank


Reactome Metabolism Of Water Soluble Vitamins And Cofactors
enrichment score
0.4
0.2
0.0
0
5000
10000
15000
rank


Reactome Met Receptor Recycling
0.00
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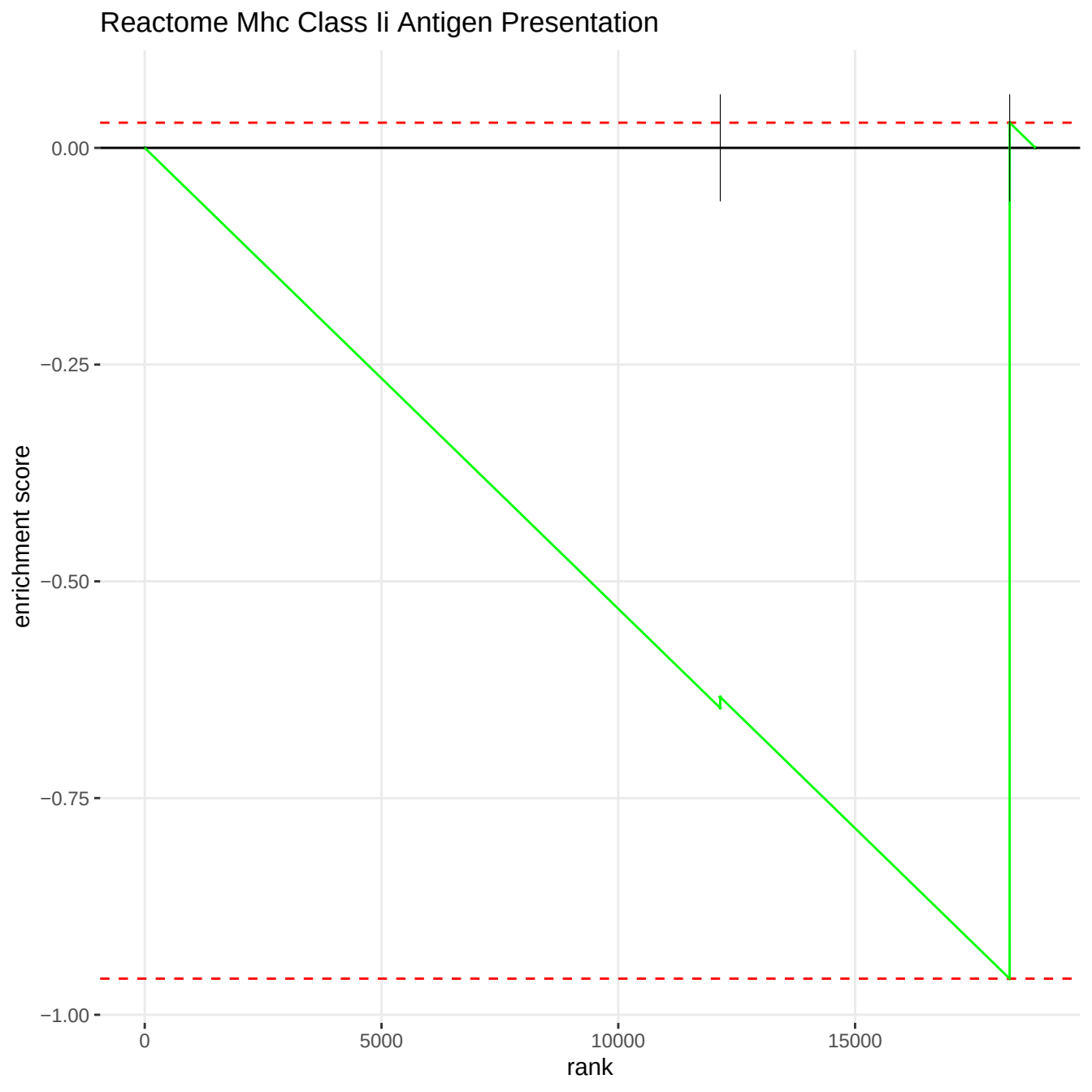
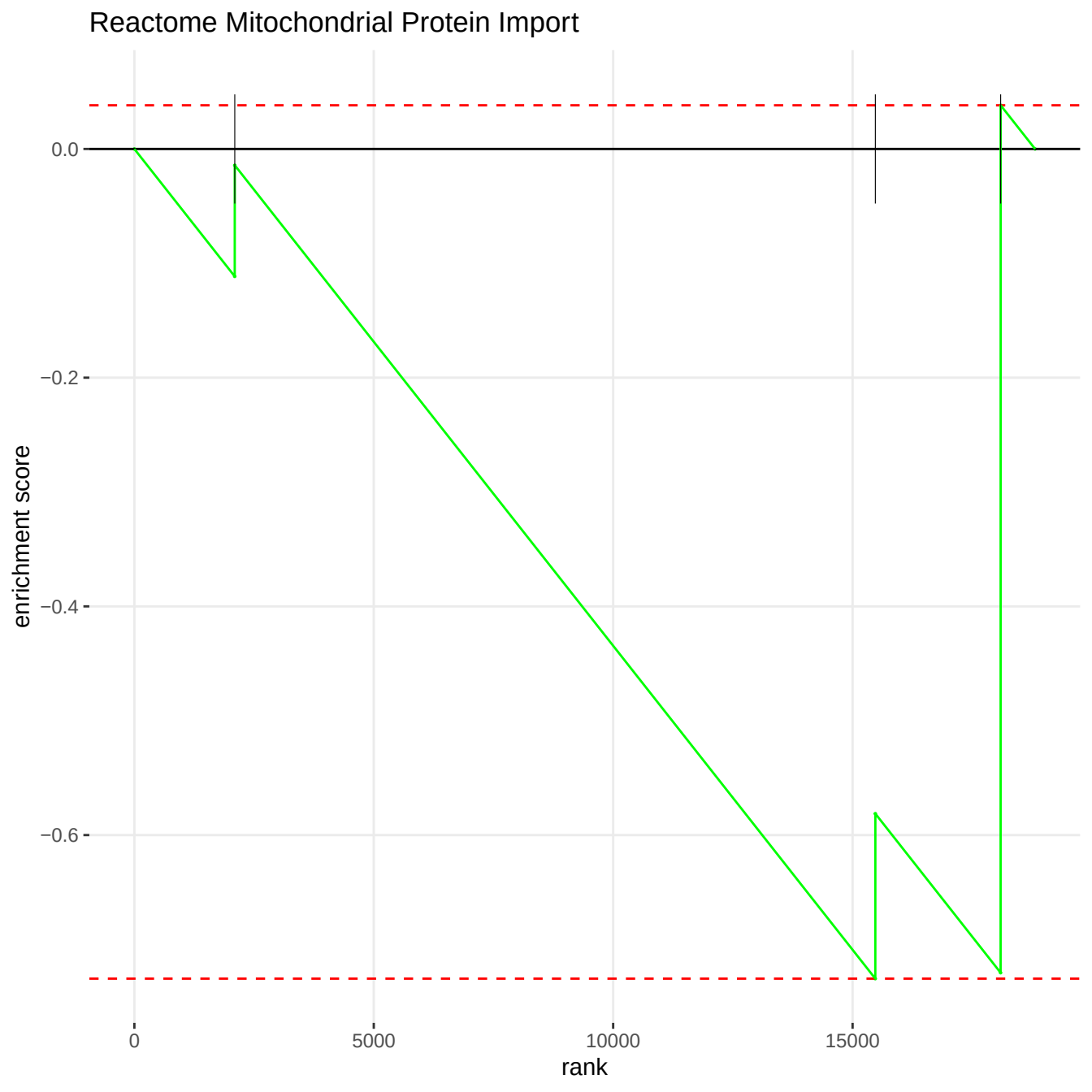
enrichment score
0
5000
10000
15000
rank


Reactome Mhc Class Ii Antigen Presentation
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

Reactome Microrna Mirna Biogenesis
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

Reactome Mismatch Repair
0.4
0.2
0.0
enrichment score
0
5000
10000
15000
rank

Reactome Mitochondrial Calcium Ion Transport
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Mitochondrial Protein Import
0.0
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−0.4
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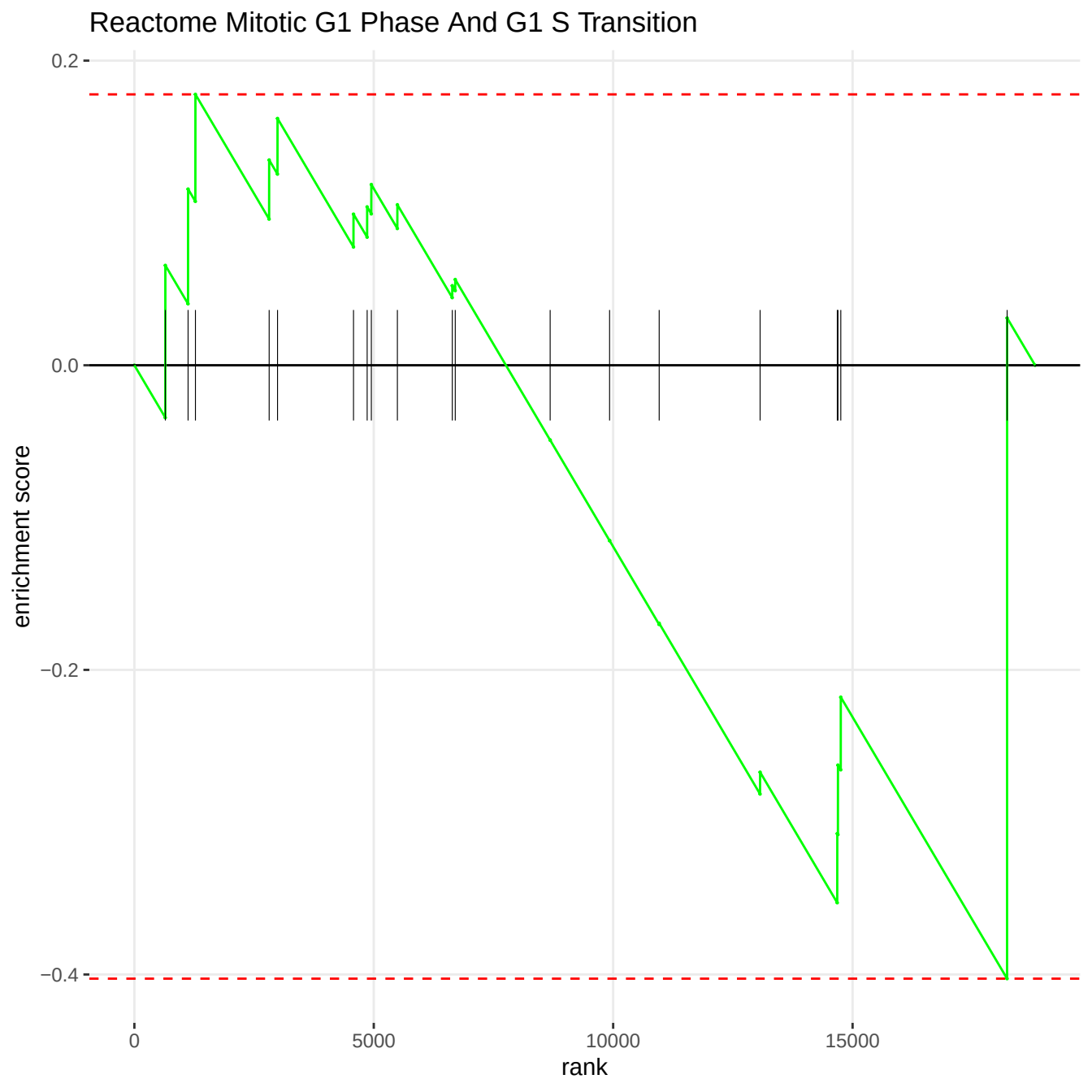
enrichment score
0
5000
10000
15000
rank


Reactome Mitotic G1 Phase And G1 S Transition
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

Reactome Mitotic G2 G2 M Phases
0.0
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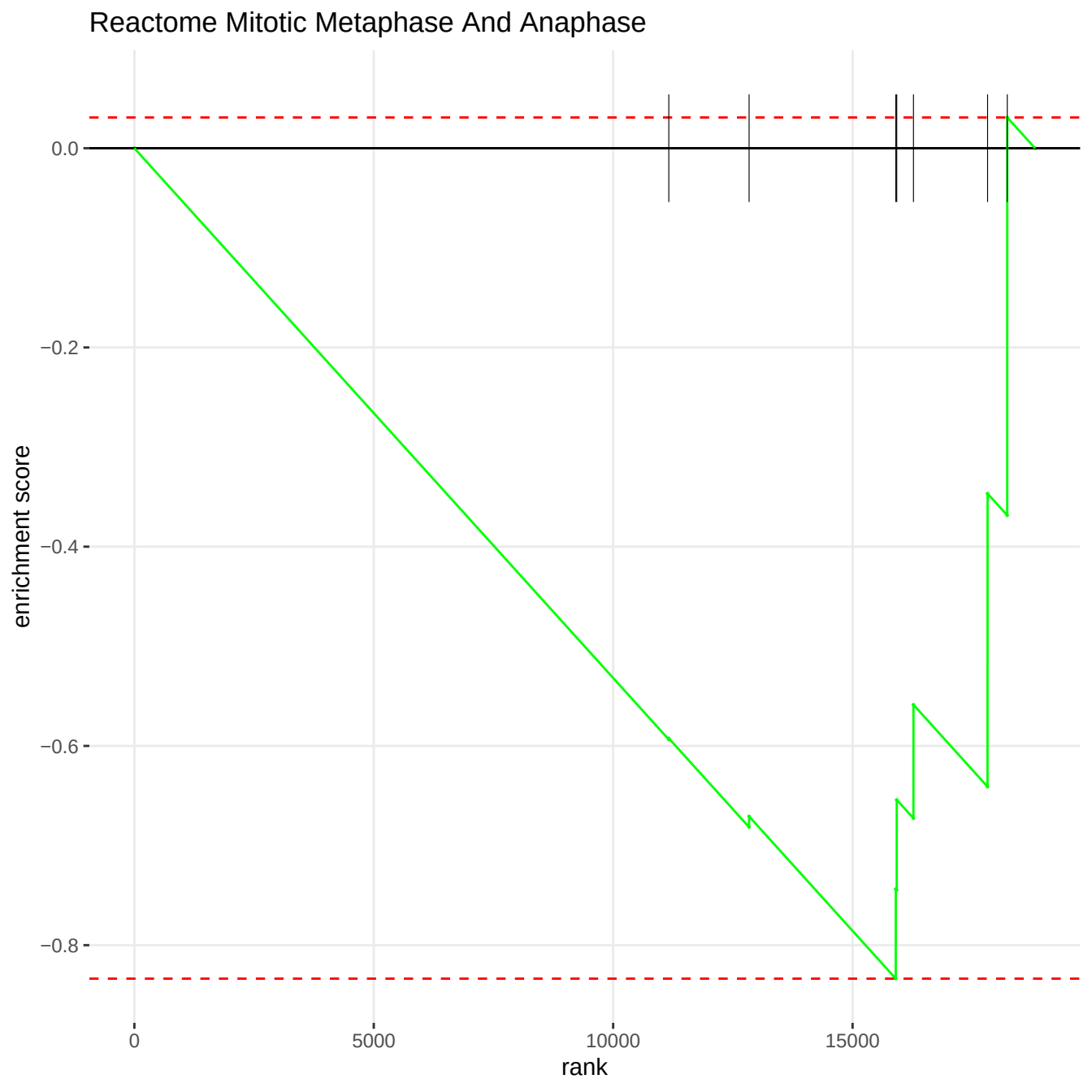
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Mitotic Metaphase And Anaphase
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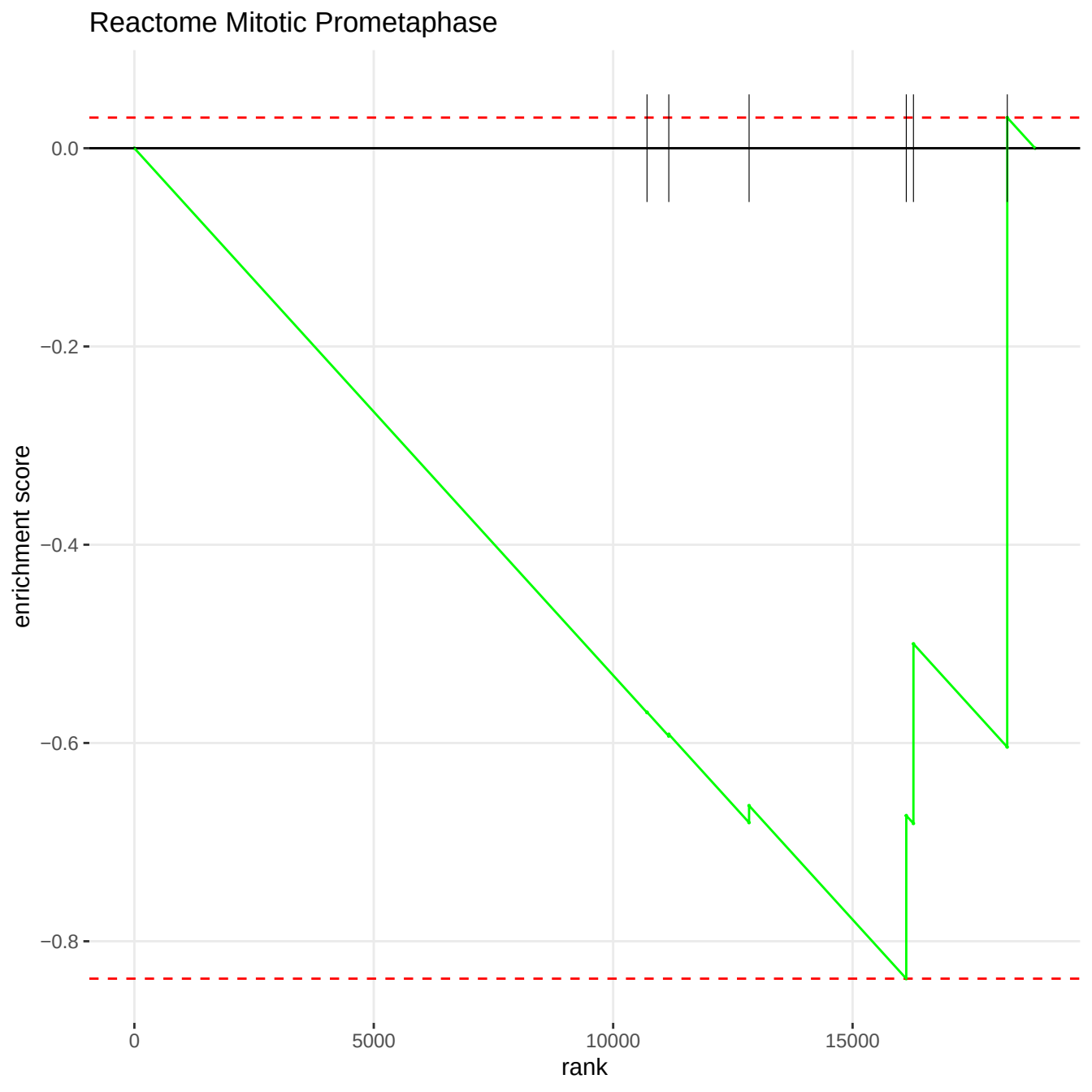
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Mitotic Prometaphase
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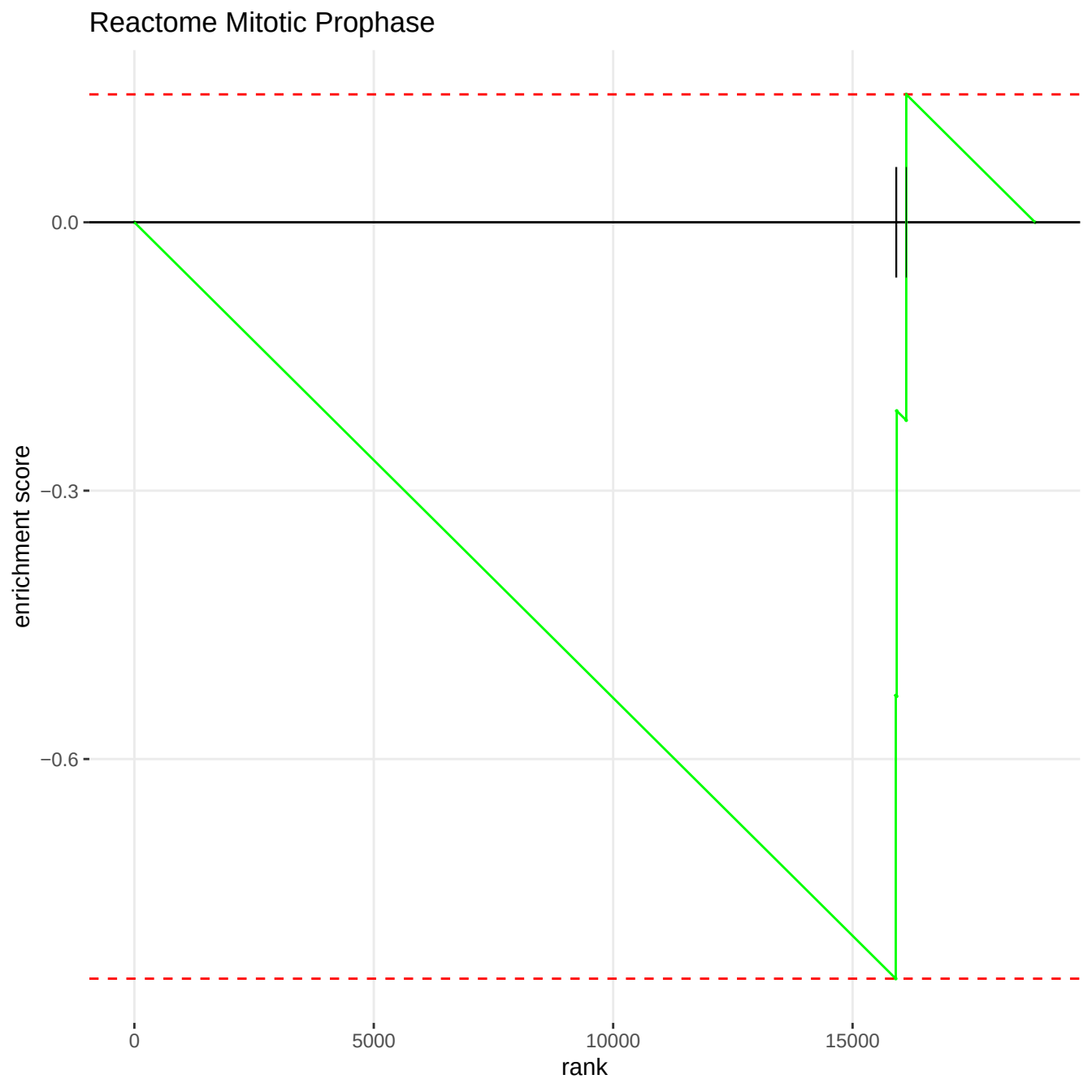
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Mitotic Prophase
0.0
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enrichment score
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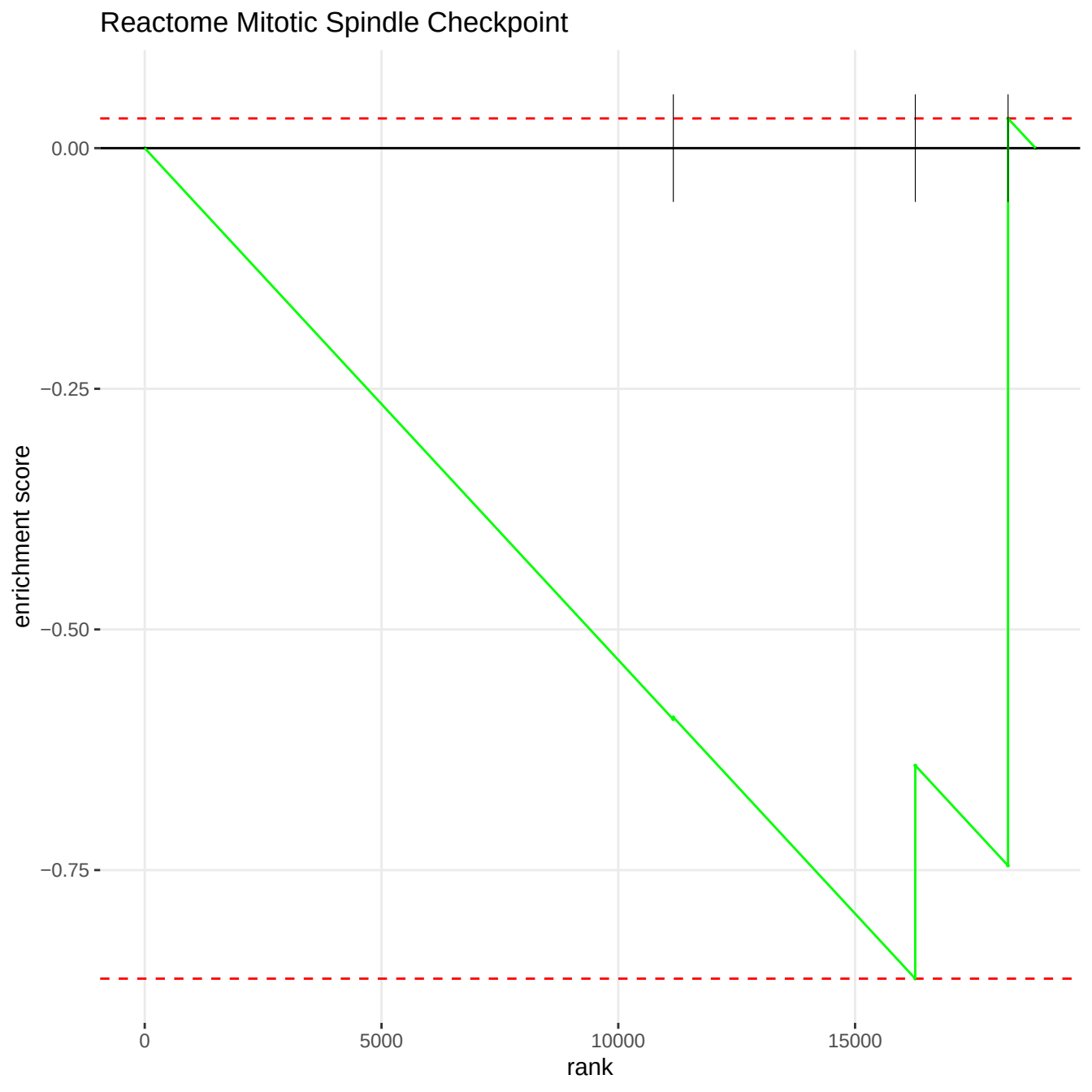
5000
10000
15000
rank


Reactome Mitotic Spindle Checkpoint
0.00
−0.25
−0.50
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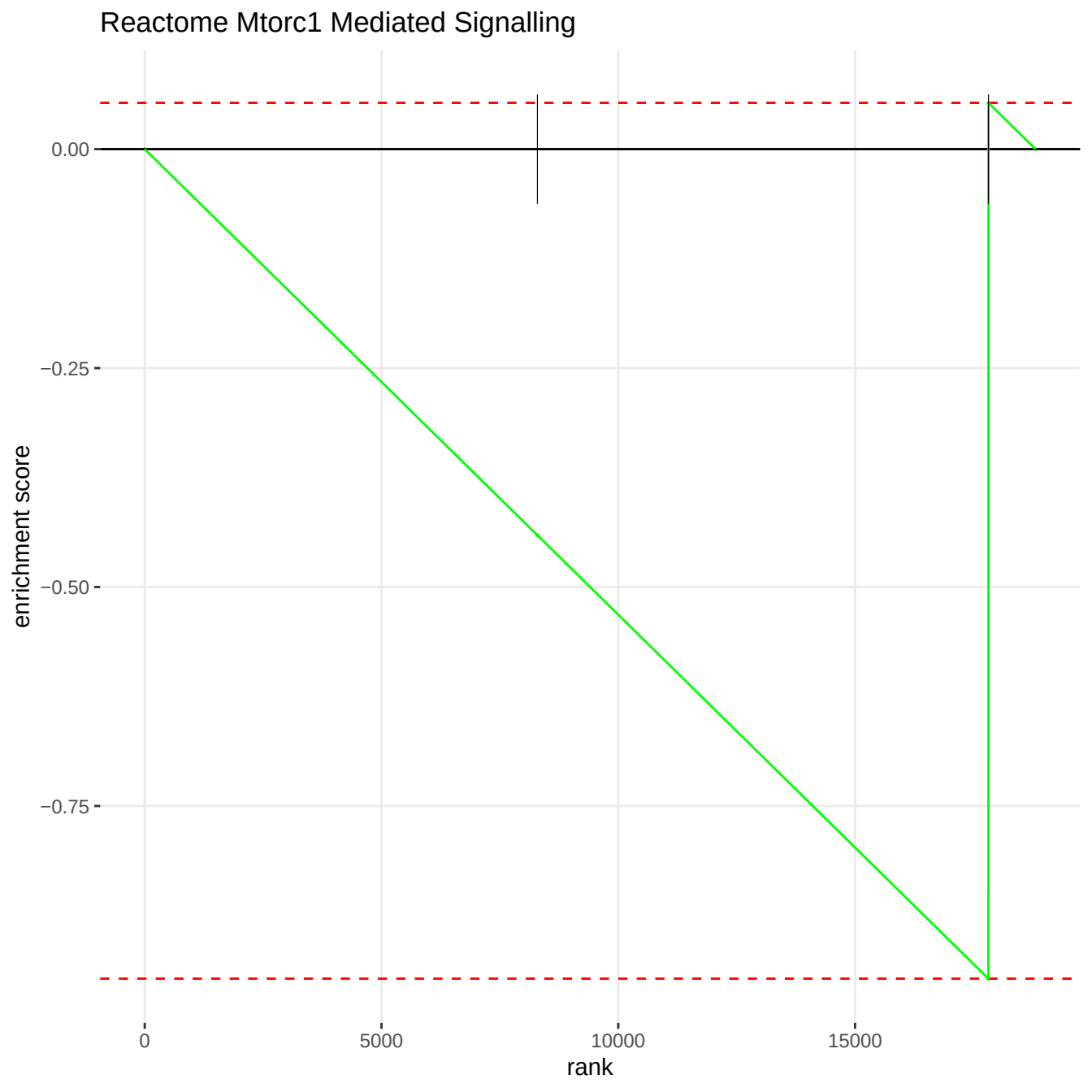
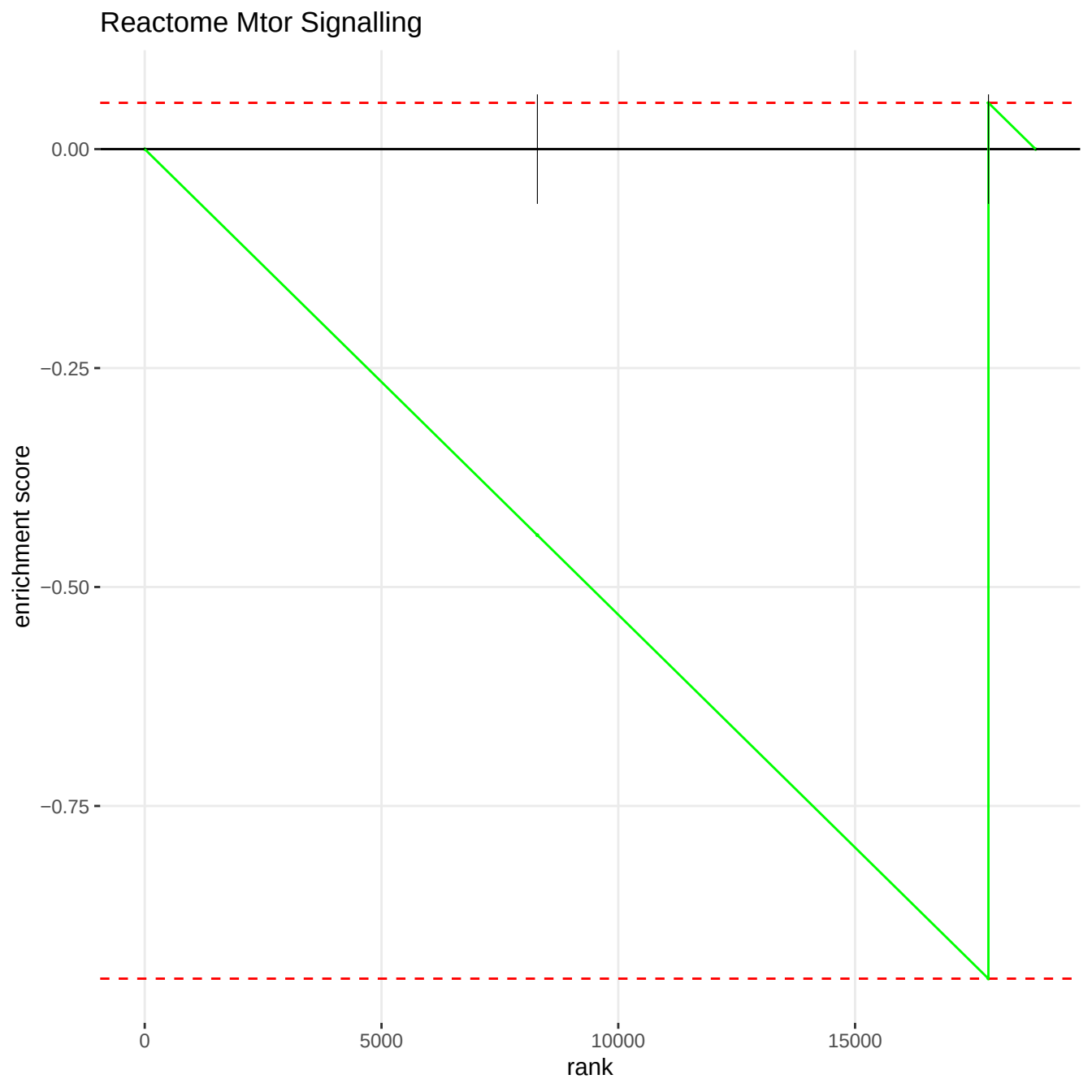
enrichment score
0
5000
10000
15000
rank


Reactome Mtorc1 Mediated Signalling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Mtor Signalling
0.00
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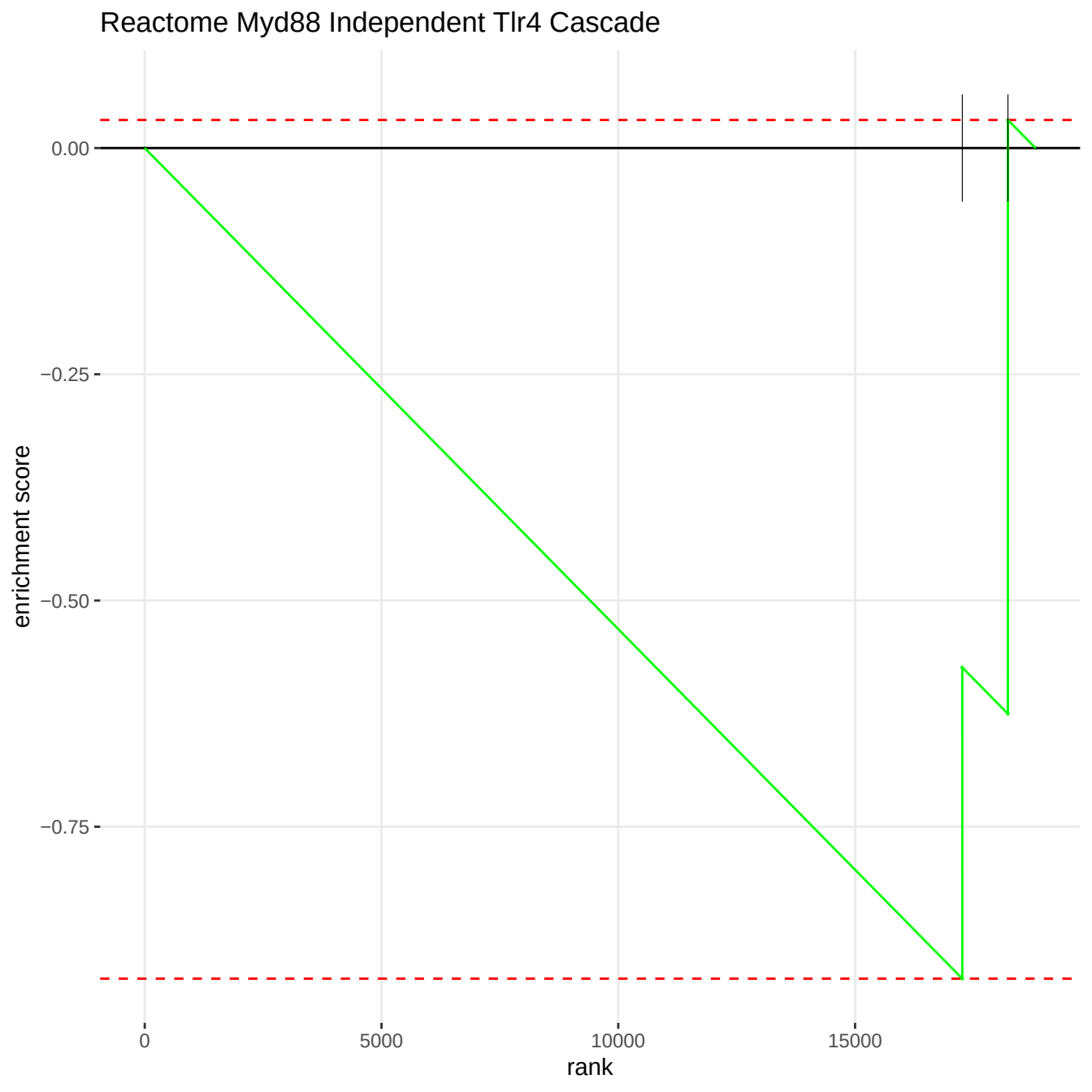
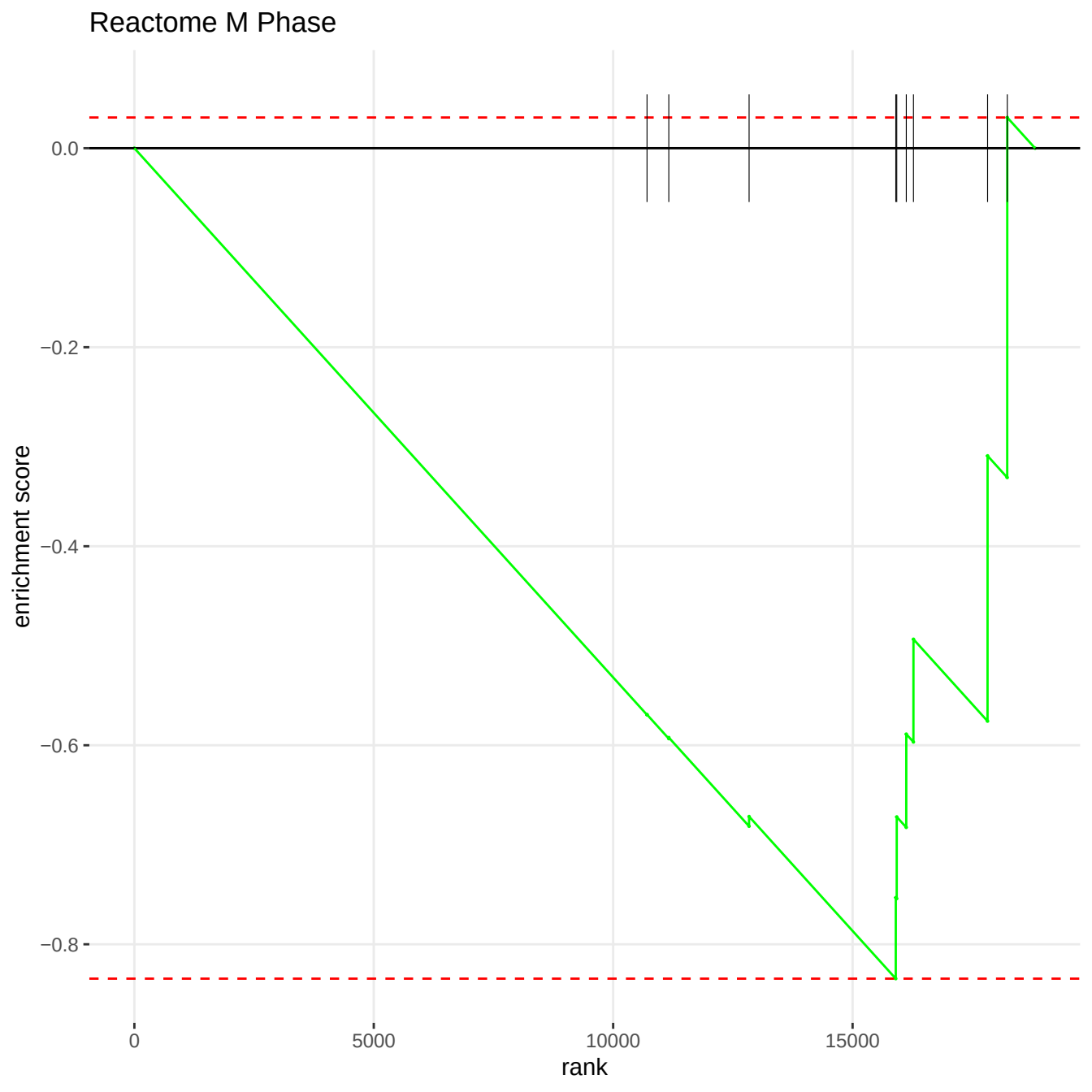
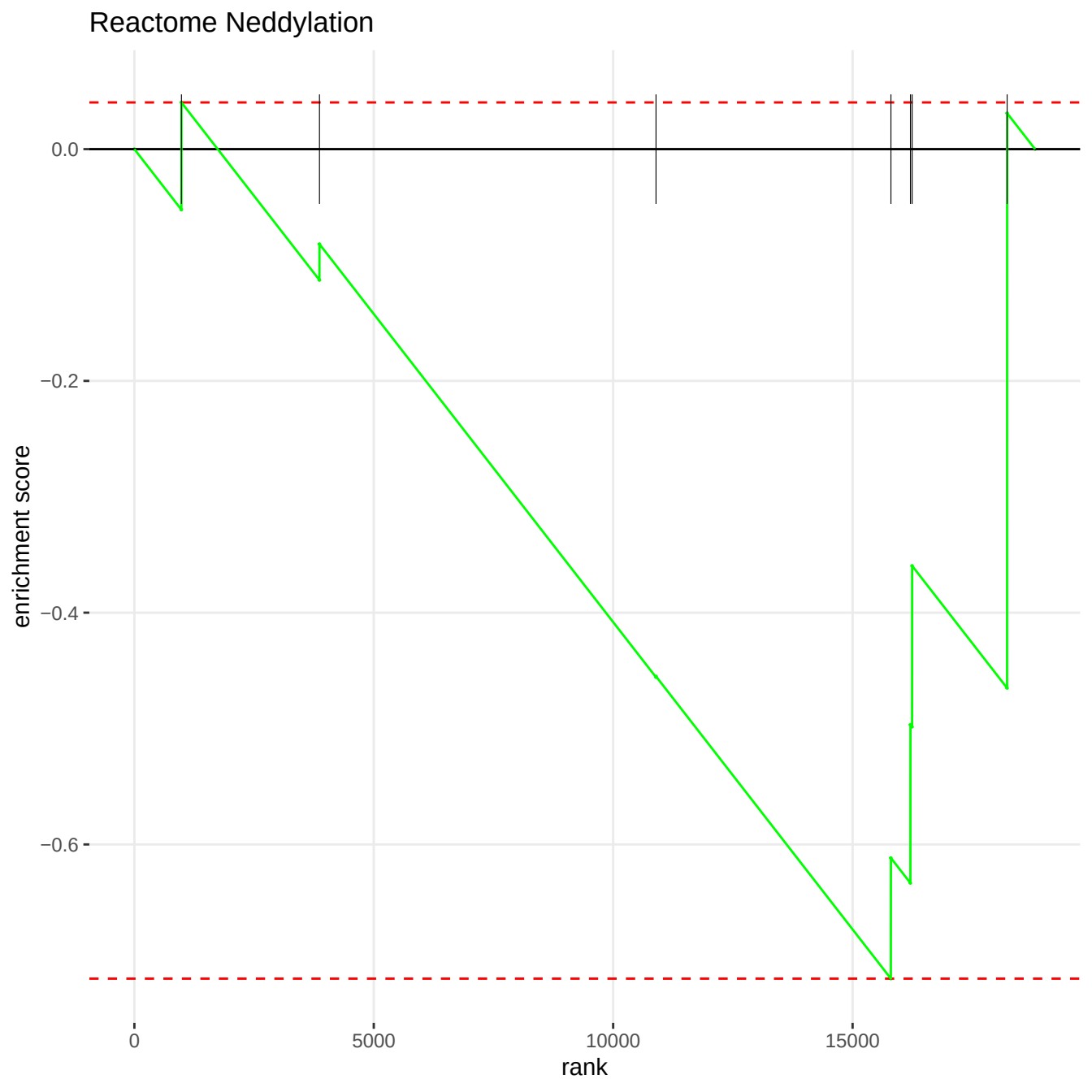
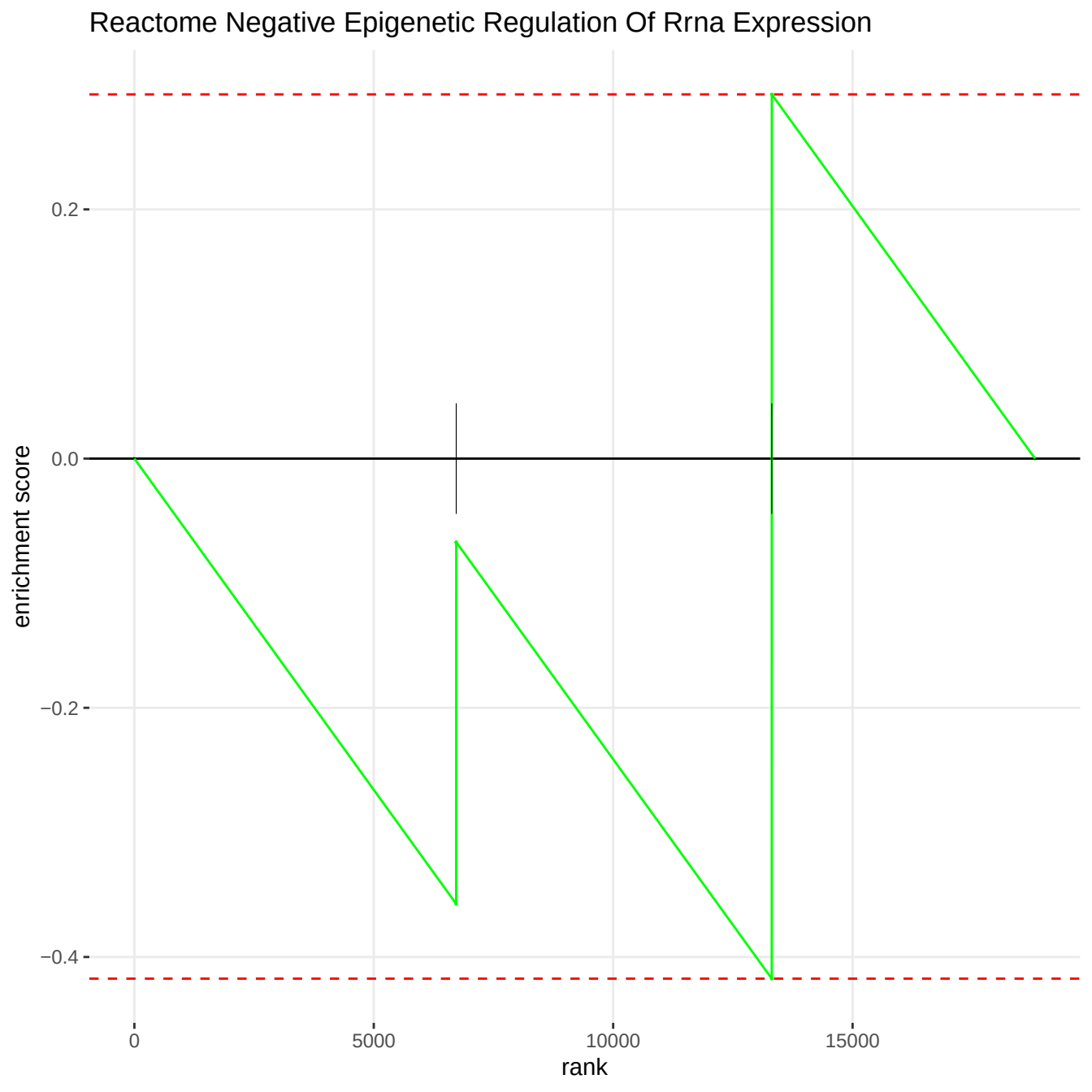
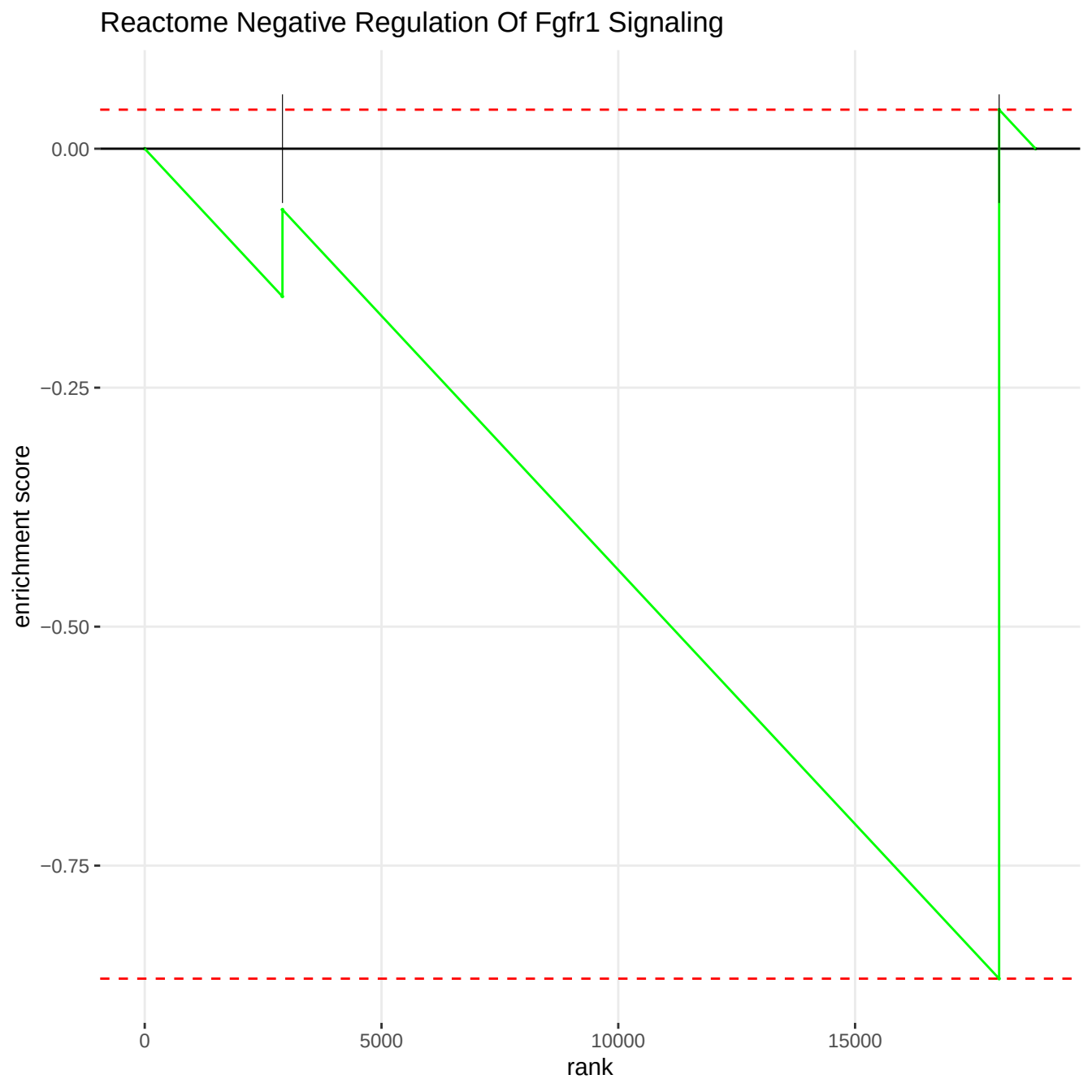
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

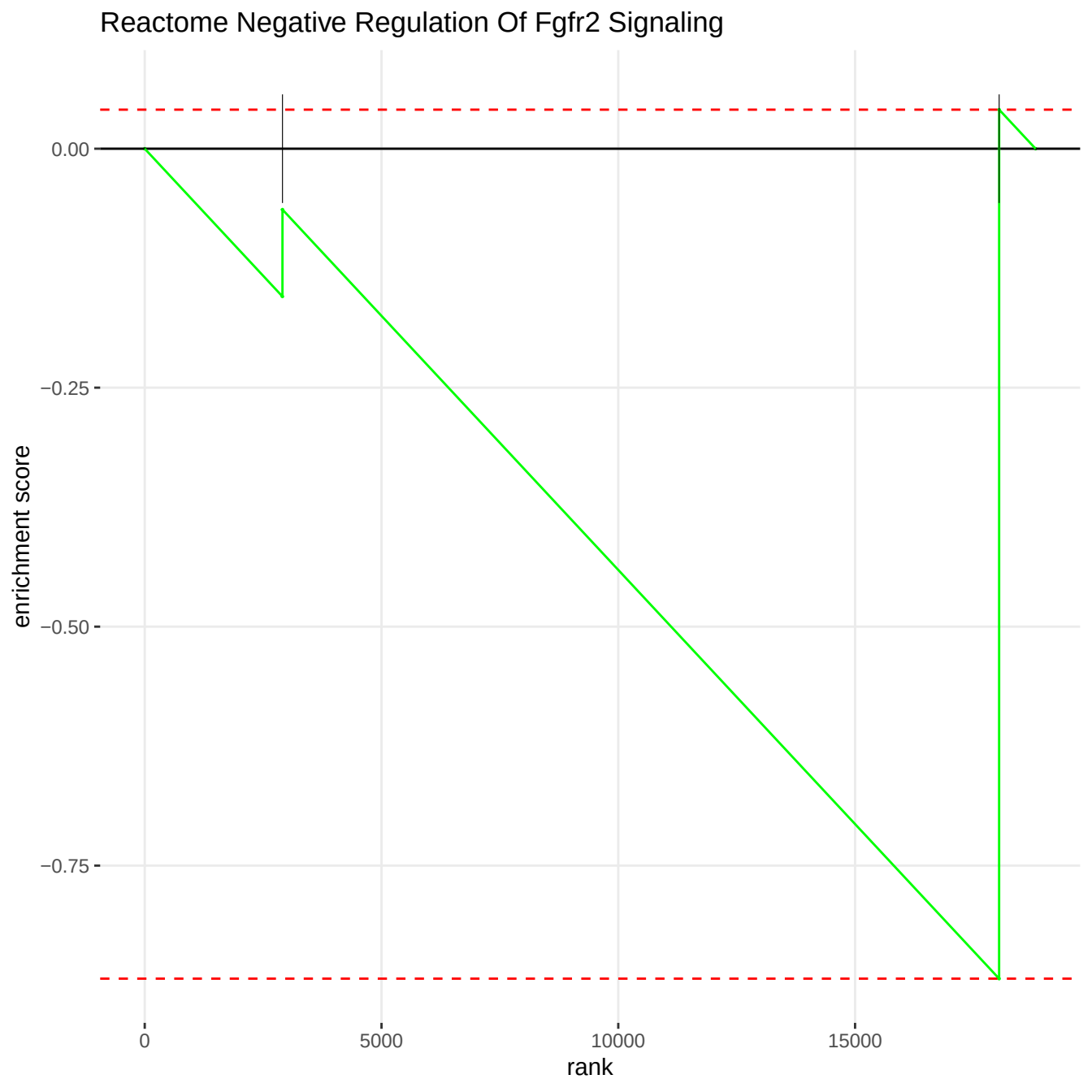

Reactome Myd88 Independent Tlr4 Cascade
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

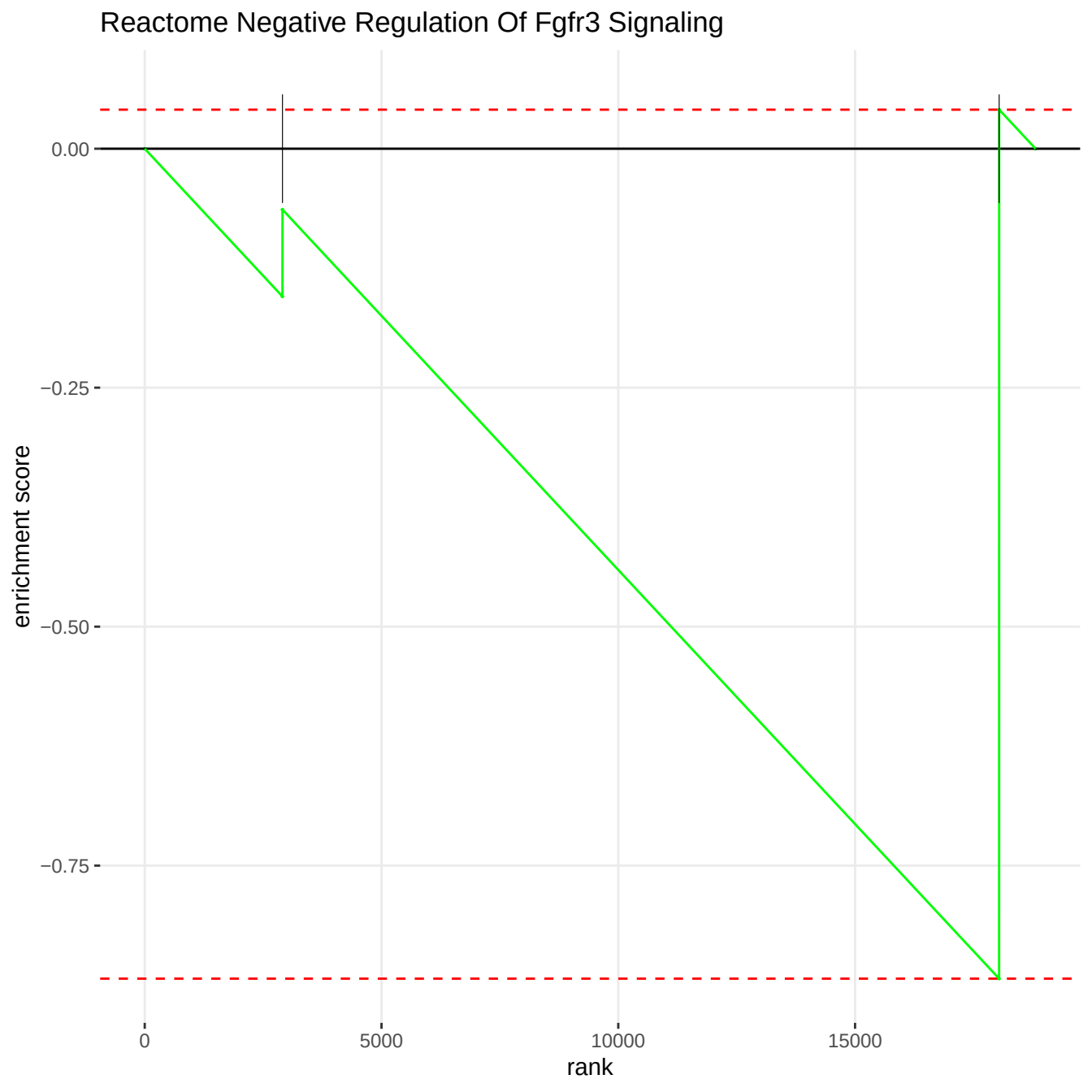

Reactome M Phase
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

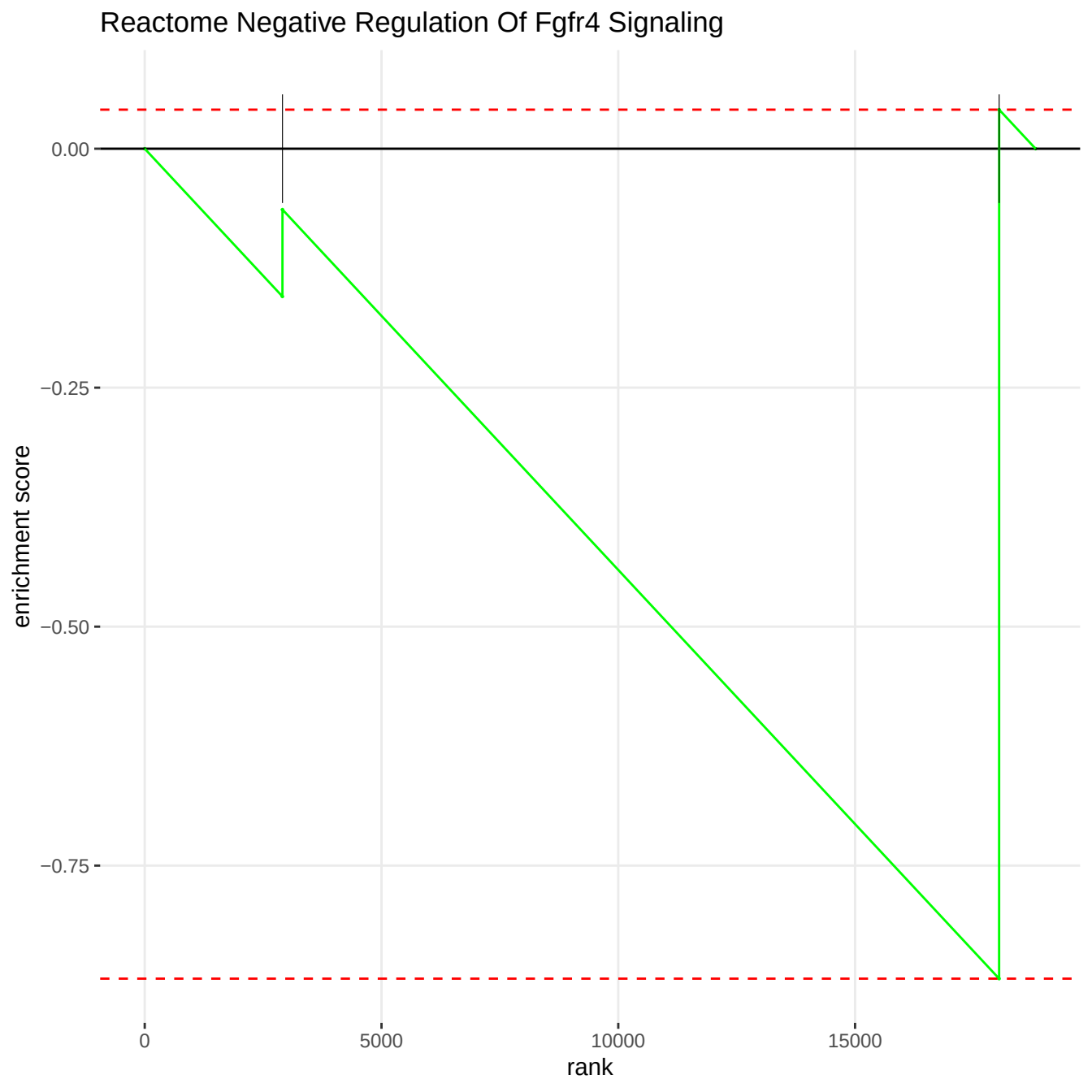

Reactome Neddylation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

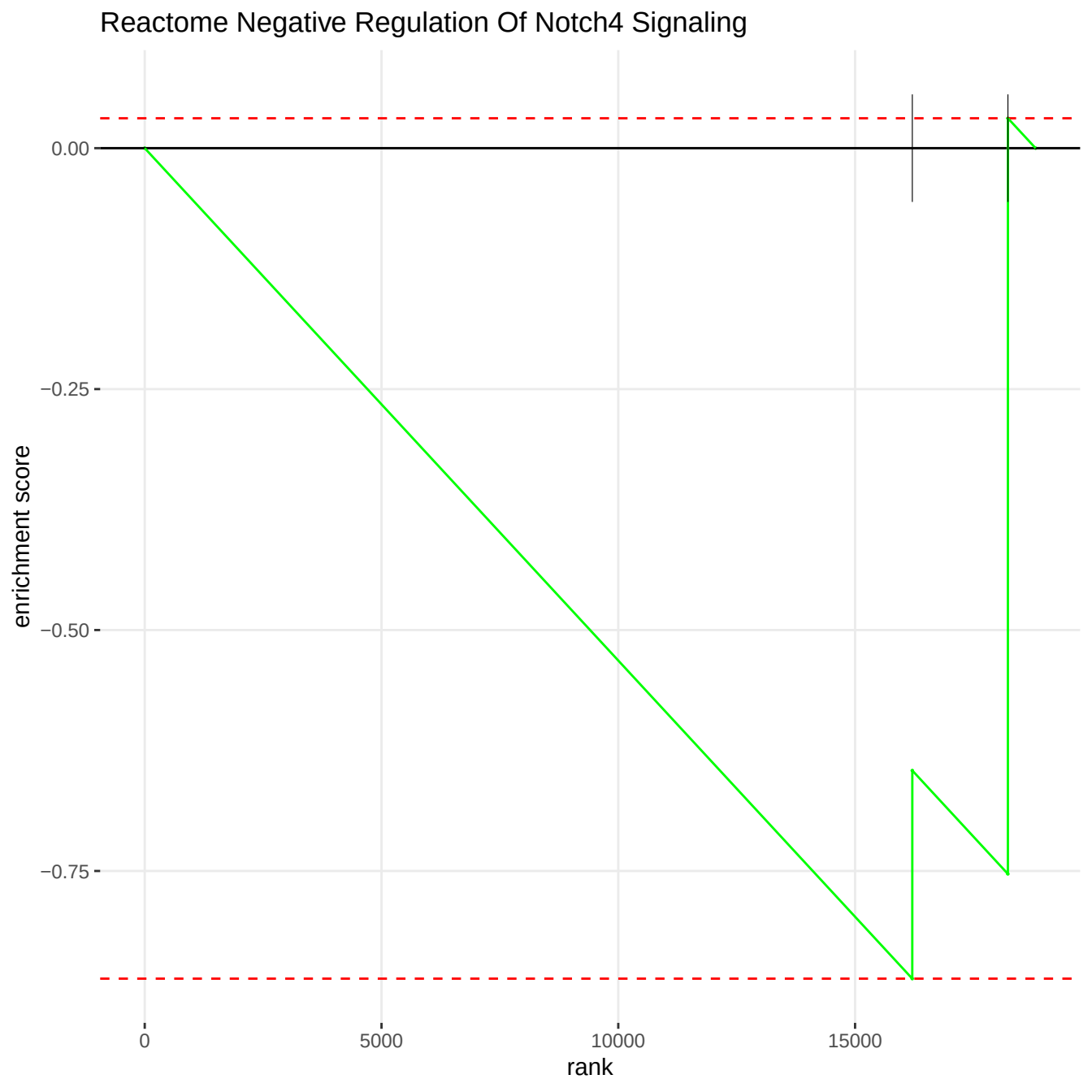

Reactome Negative Epigenetic Regulation Of Rrna Expression
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Negative Regulation Of Fgfr1 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Negative Regulation Of Fgfr2 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Negative Regulation Of Fgfr3 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Negative Regulation Of Fgfr4 Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Negative Regulation Of Notch4 Signaling
0.00
−0.25
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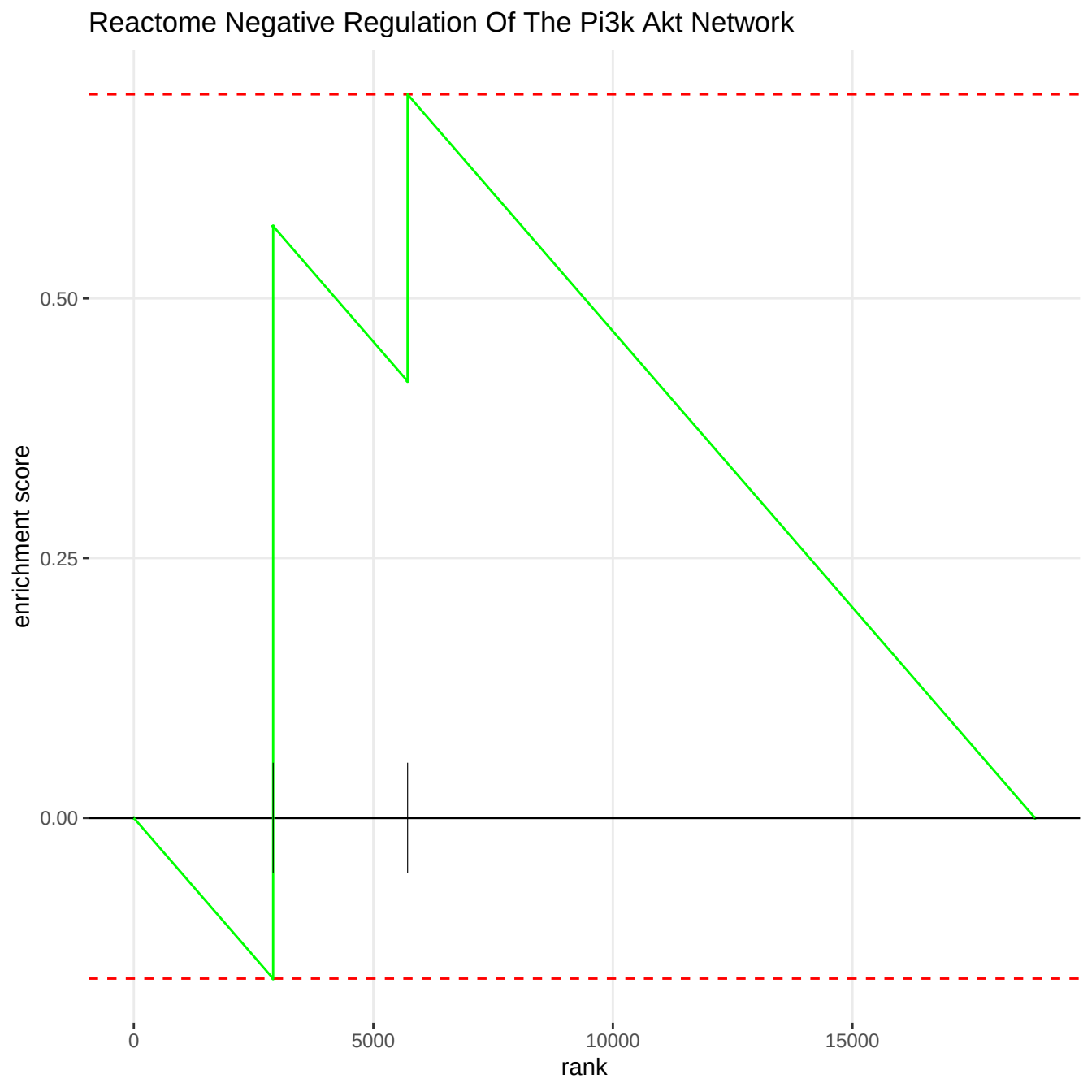
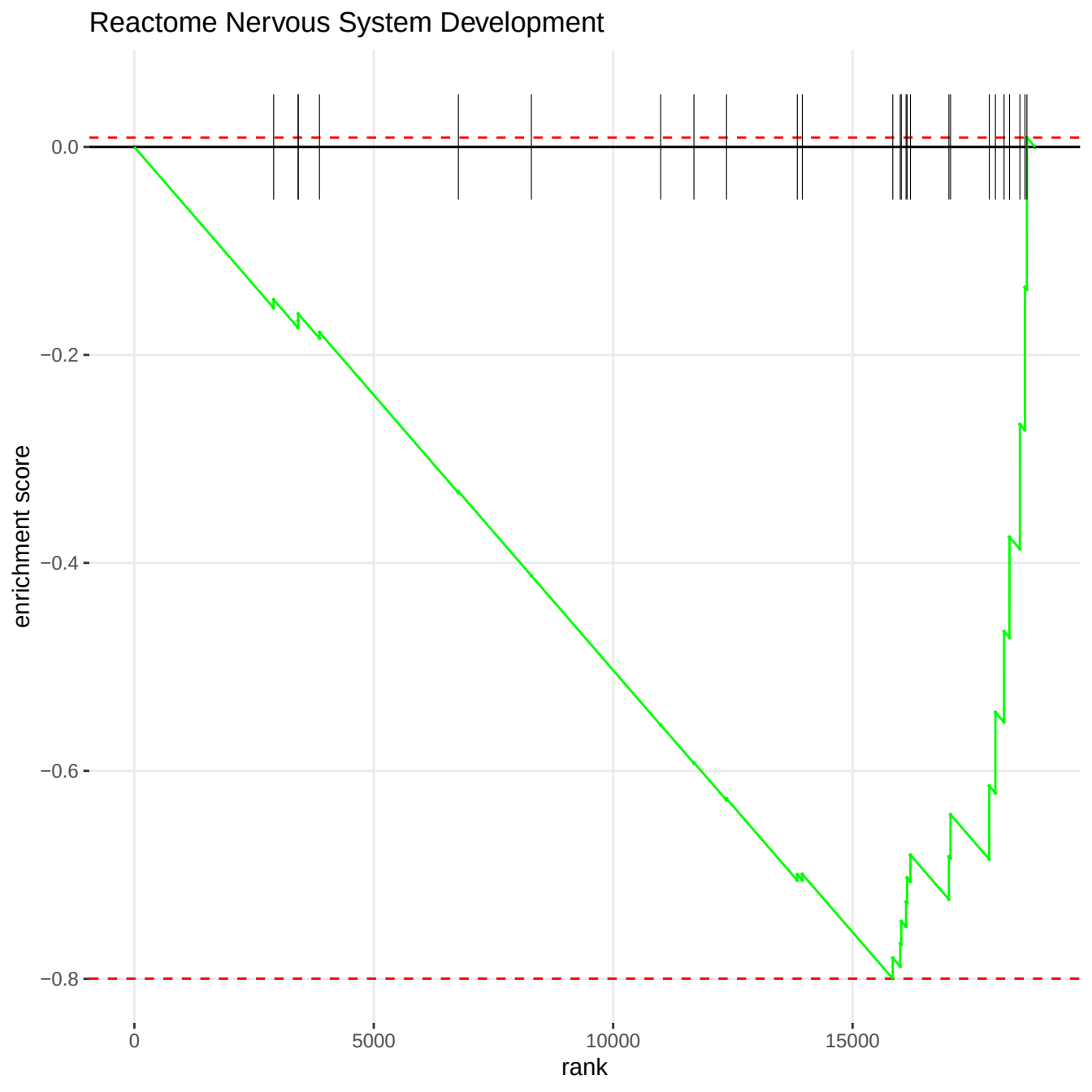
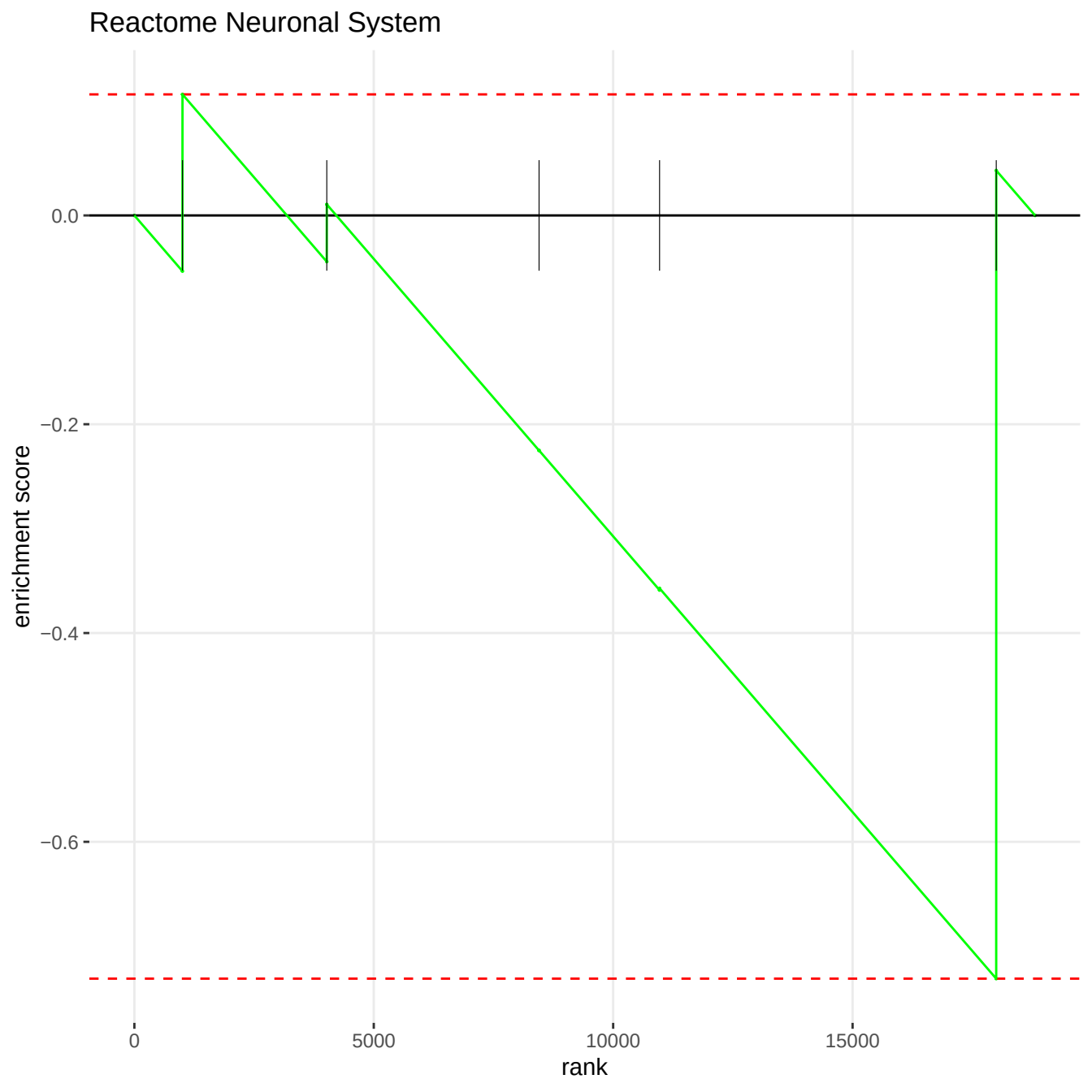
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Negative Regulation Of The Pi3k Akt Network
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank


Reactome Nervous System Development
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Neuronal System
0.0
−0.2
−0.4
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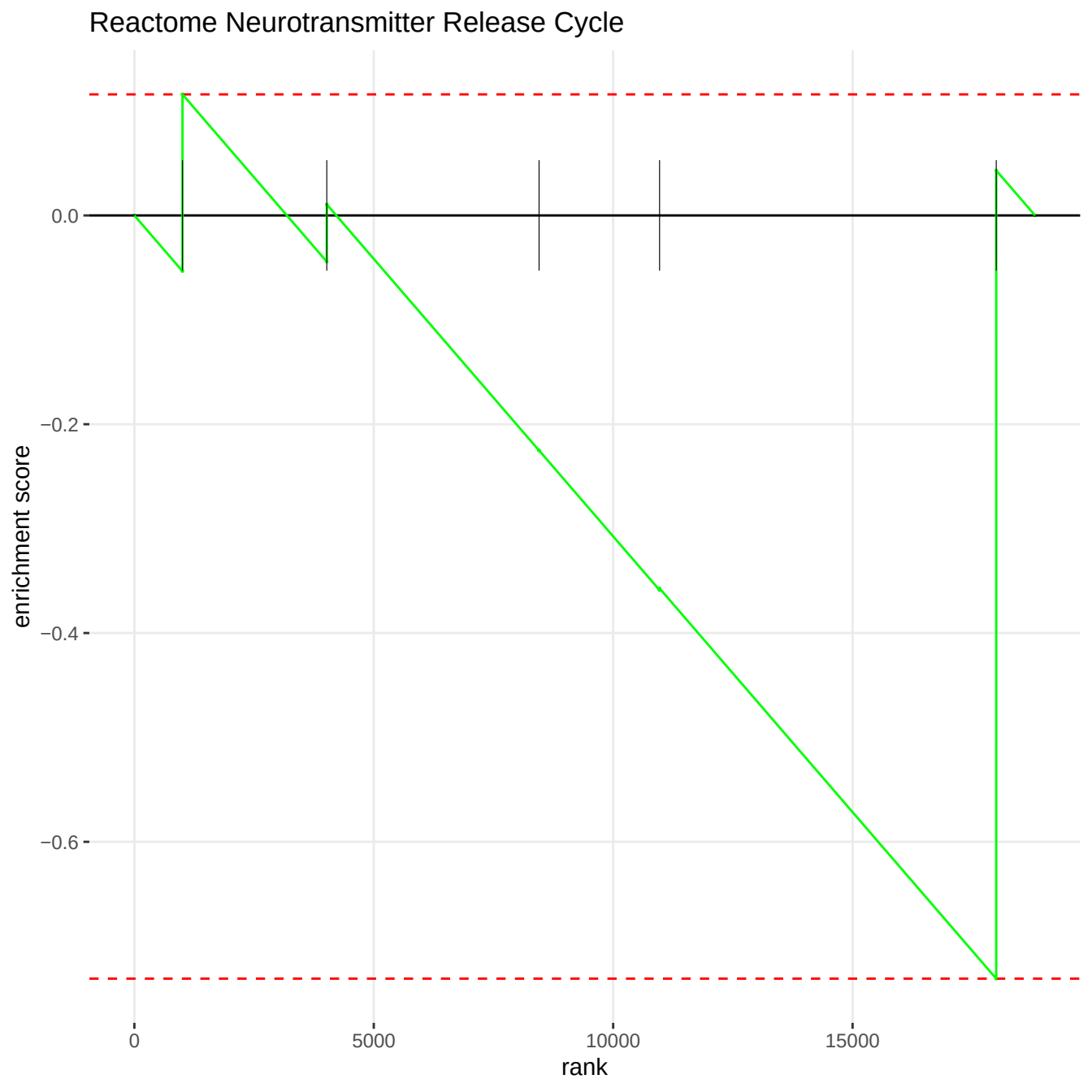
enrichment score
0
5000
10000
15000
rank


Reactome Neurotransmitter Release Cycle
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

Reactome Neutrophil Degranulation
0.0
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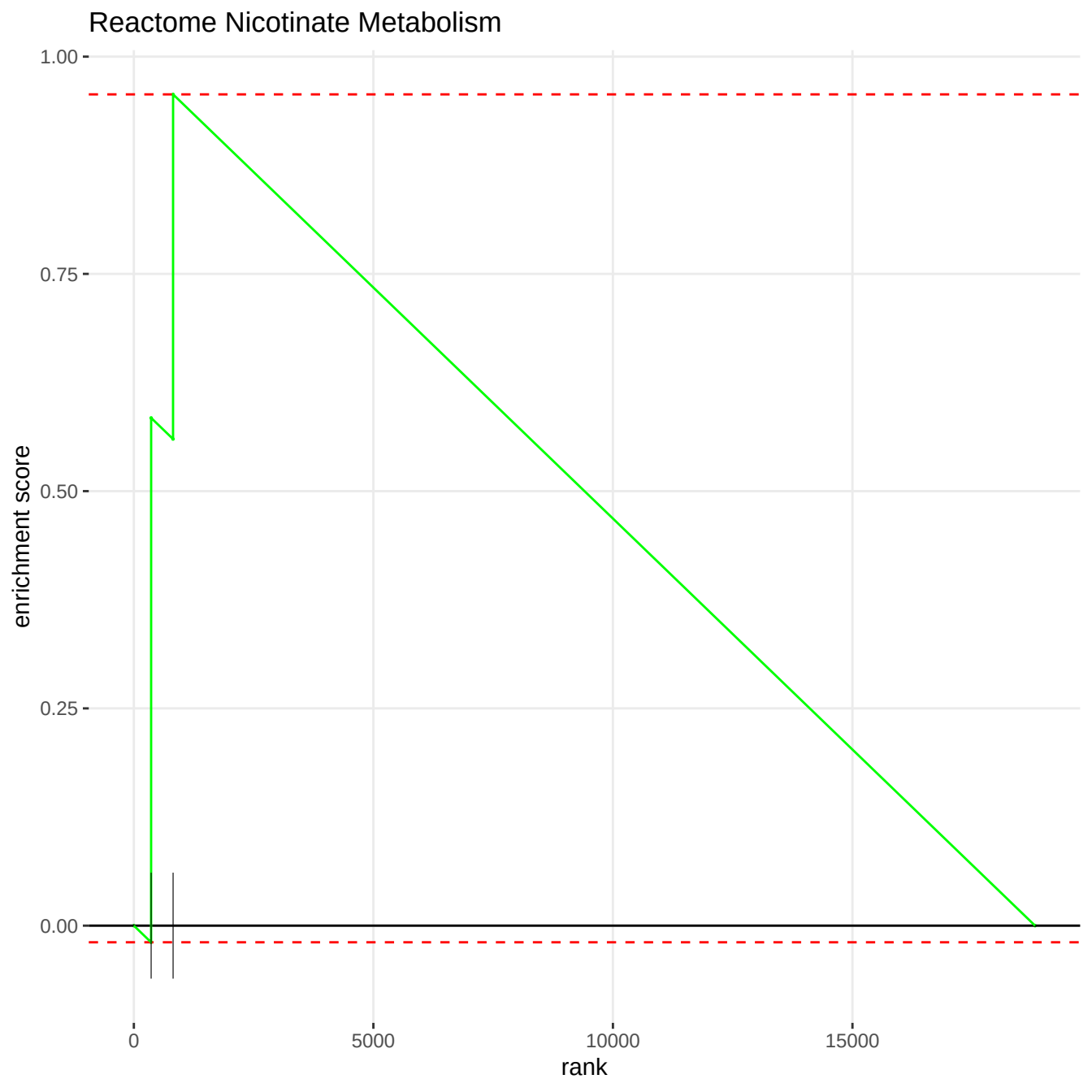
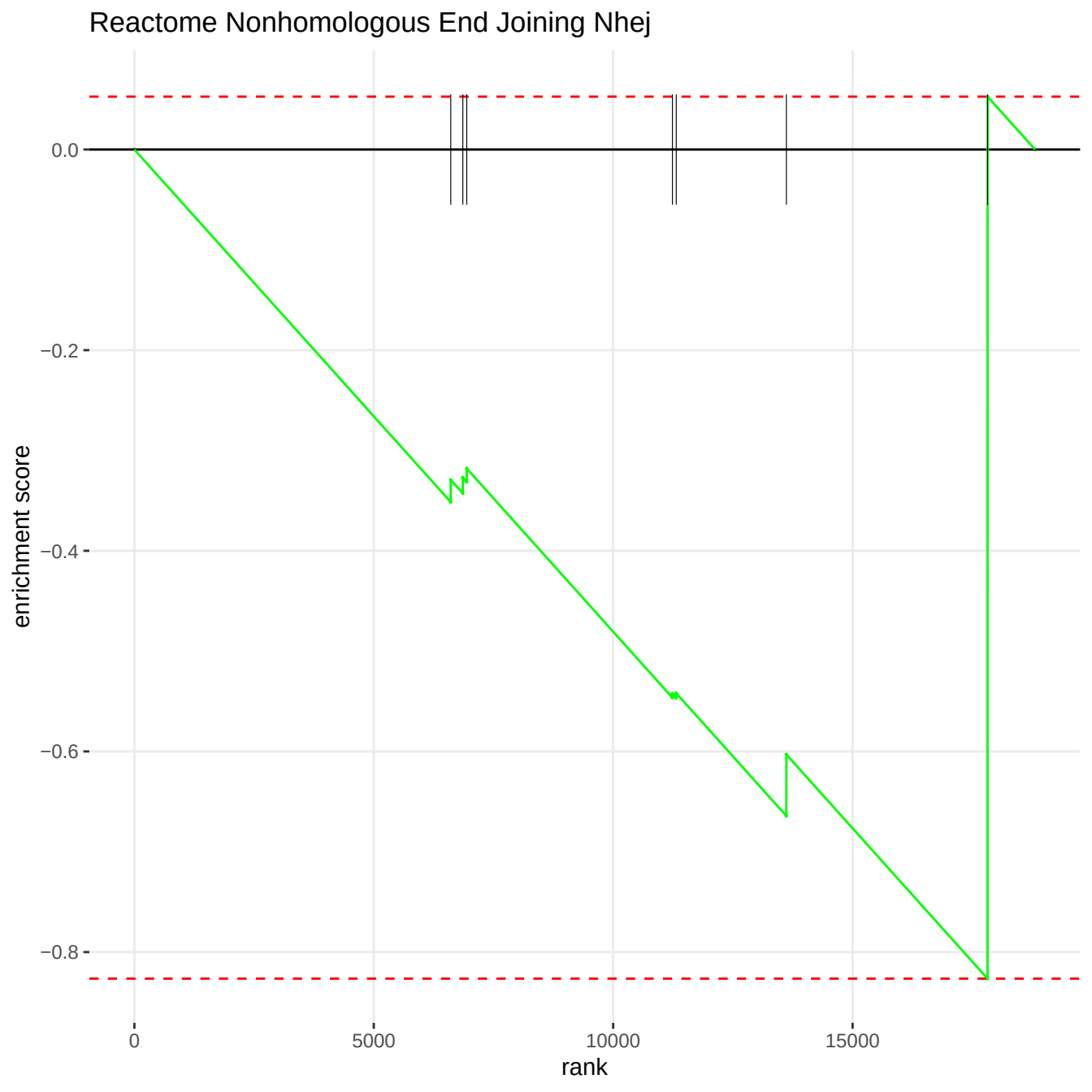
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Nicotinate Metabolism
1.00
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank


Reactome Nonhomologous End Joining Nhej
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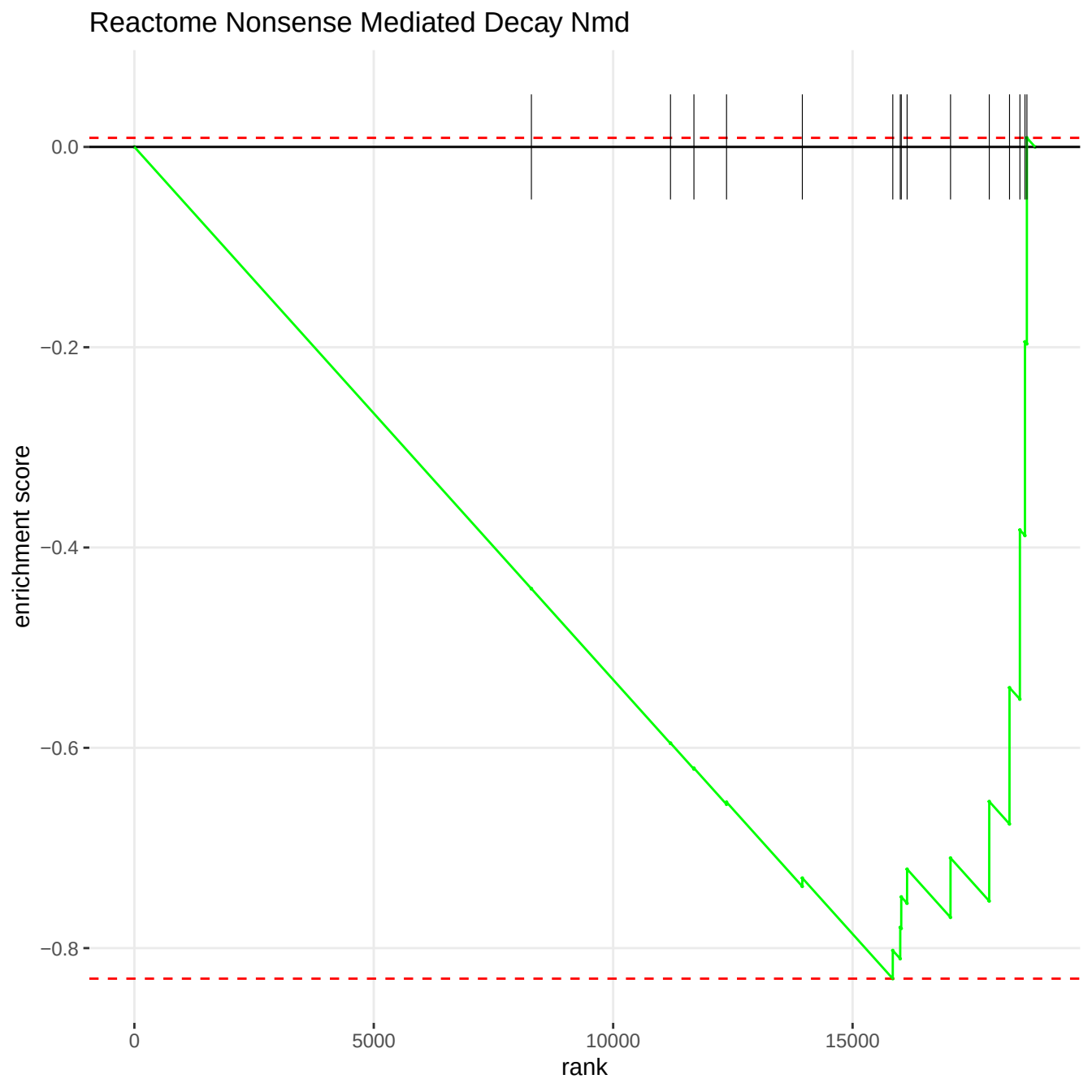
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Nonsense Mediated Decay Nmd
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−0.4
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−0.8
enrichment score
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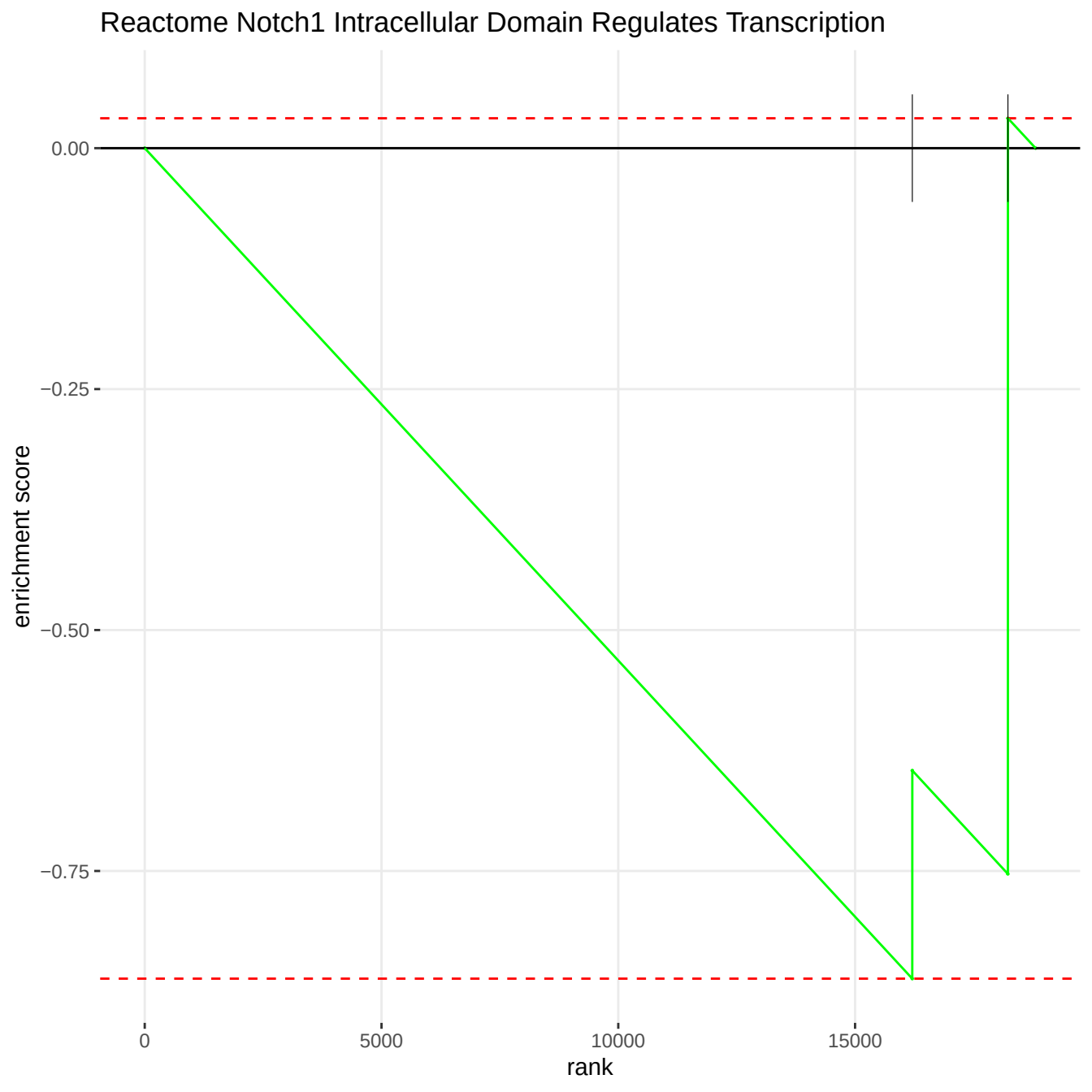
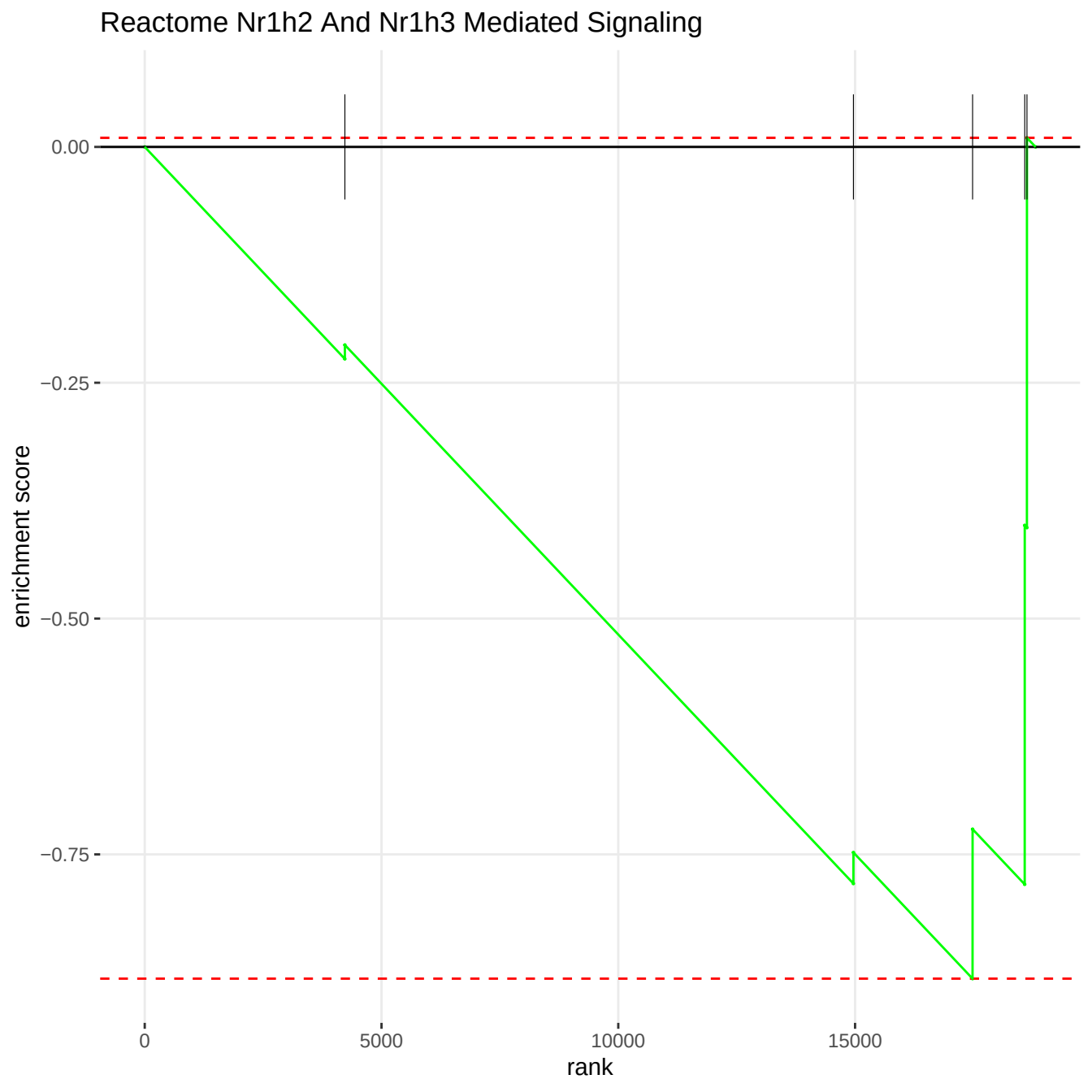
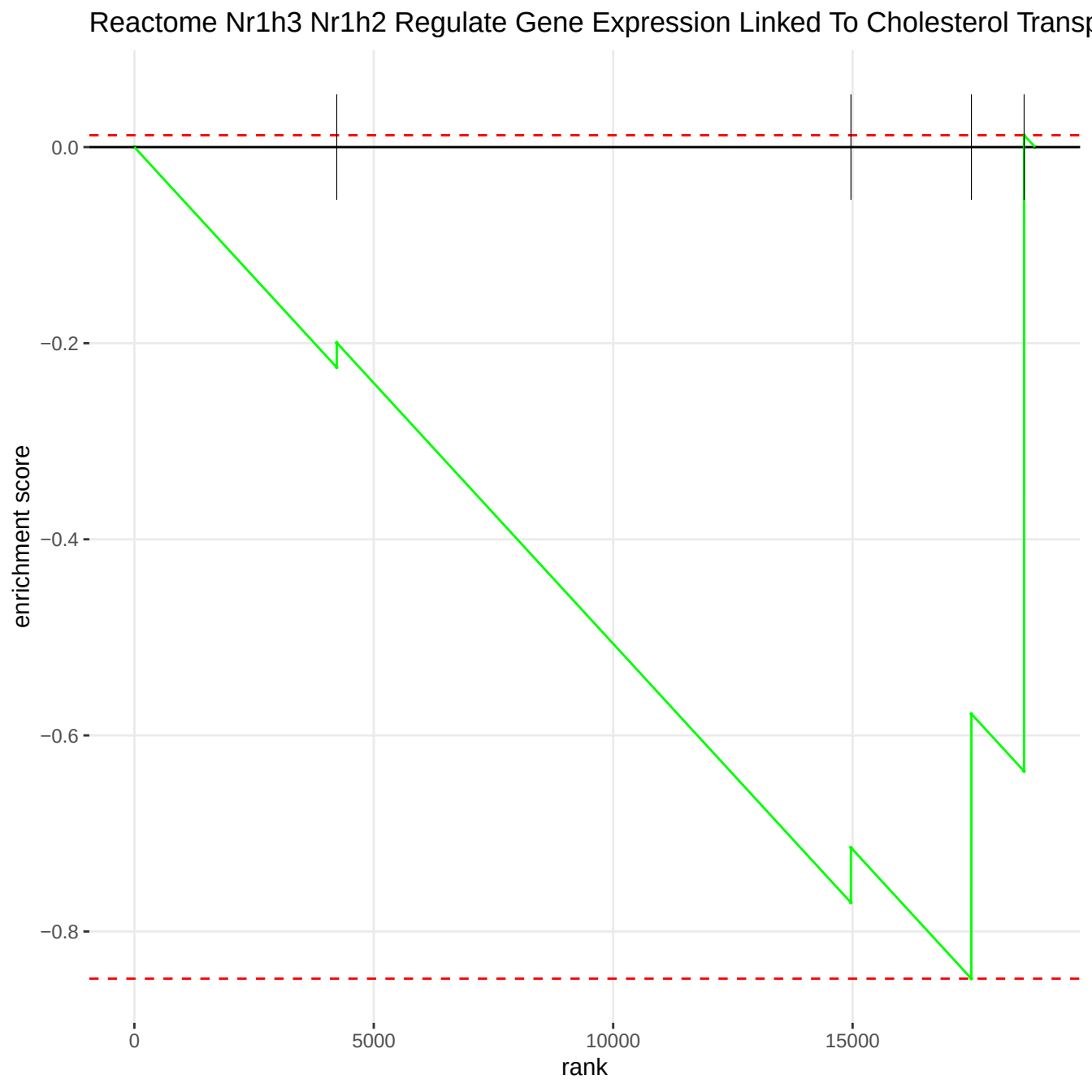
10000
15000
rank


Reactome Notch1 Intracellular Domain Regulates Transcription
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Nr1h2 And Nr1h3 Mediated Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Nr1h3 Nr1h2 Regulate Gene Expression Linked To Cholesterol Transp
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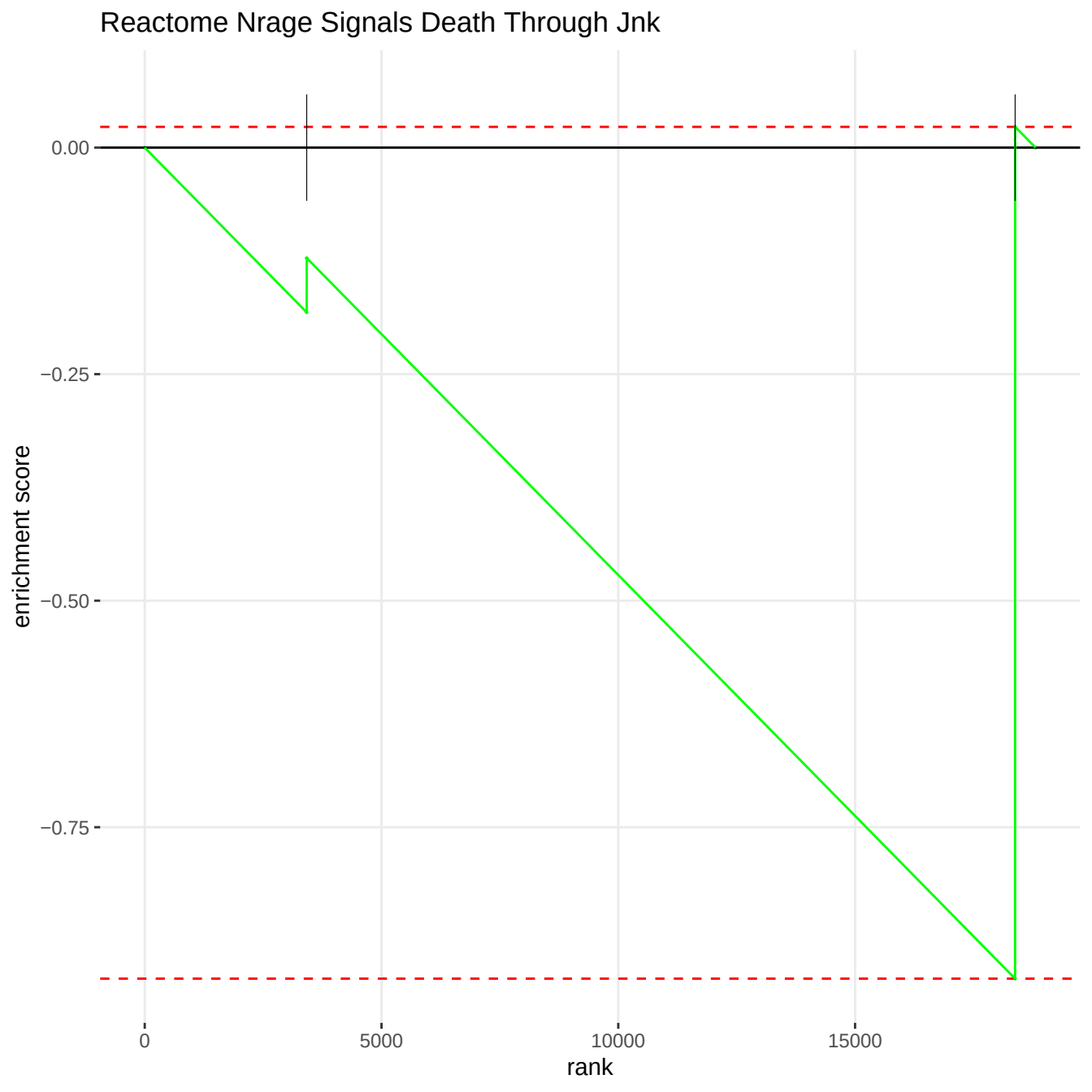
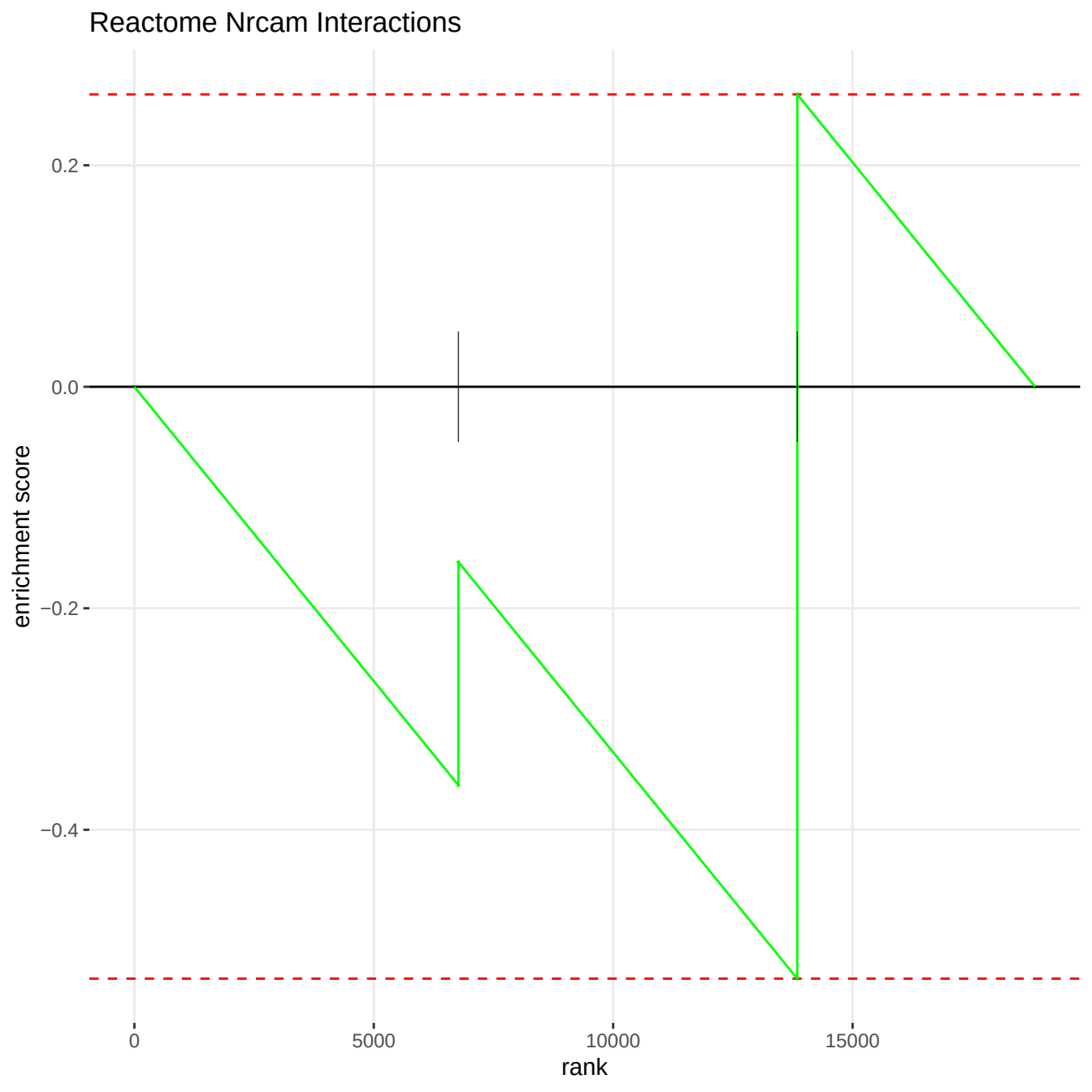
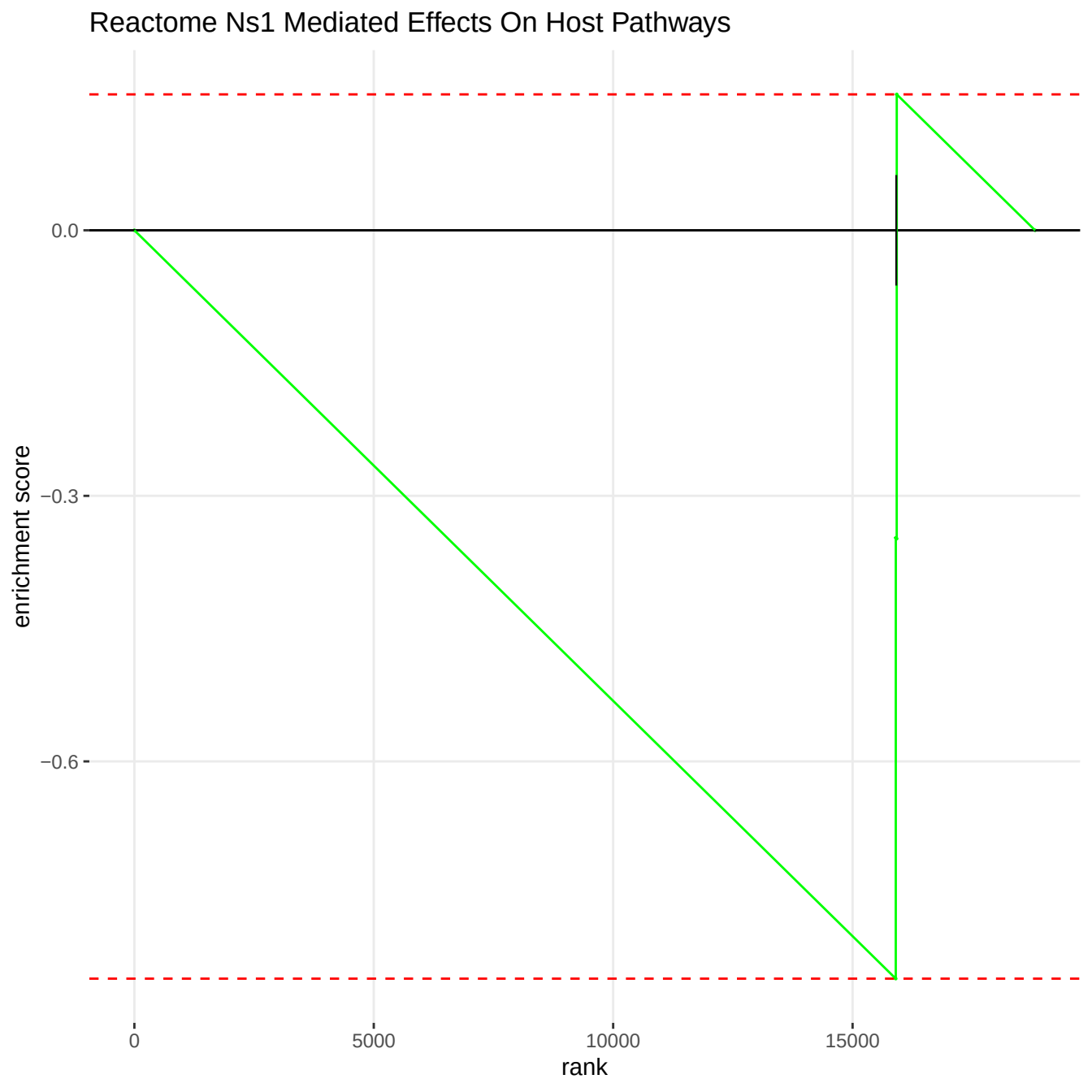
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Nrage Signals Death Through Jnk
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Nrcam Interactions
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Ns1 Mediated Effects On Host Pathways
0.0
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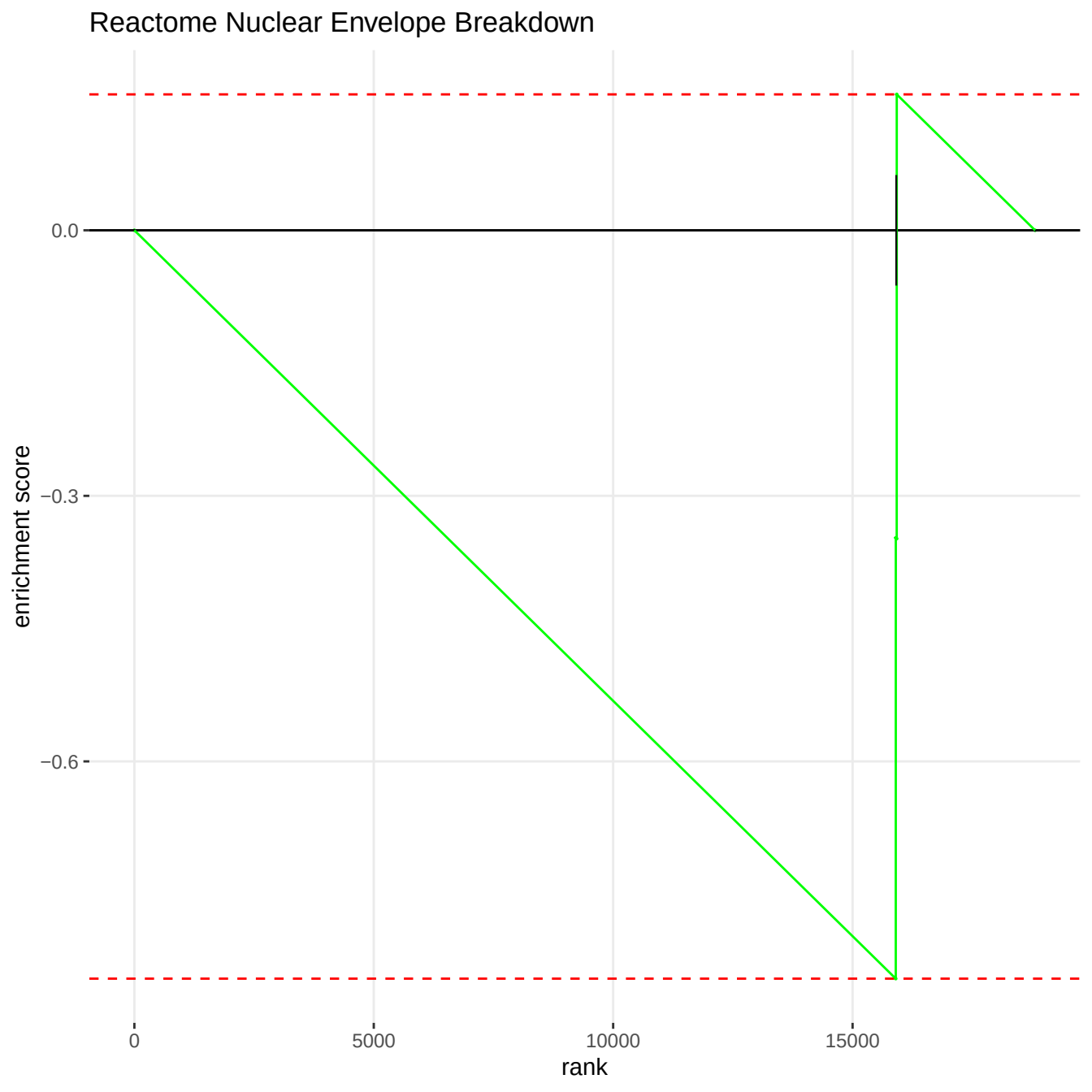
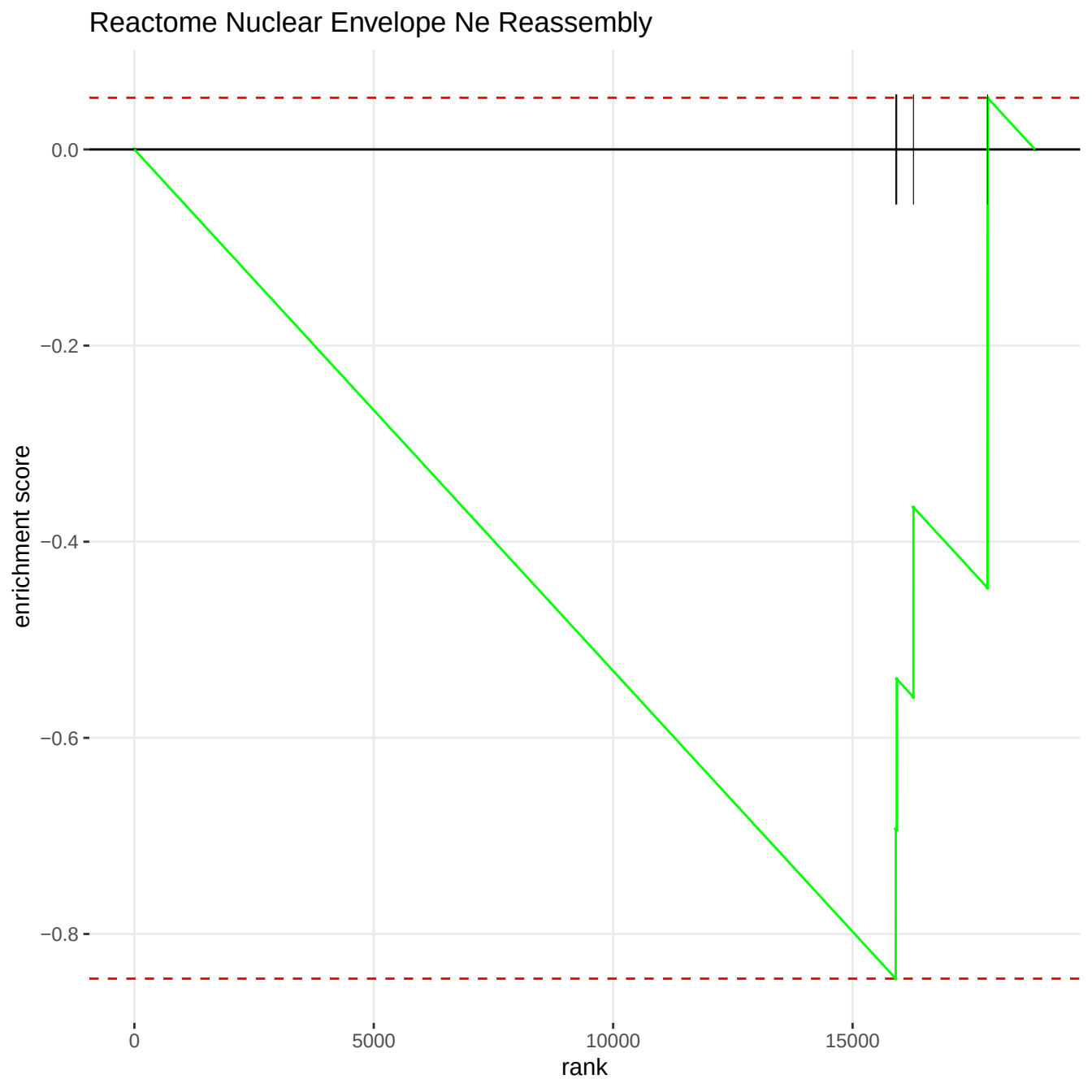
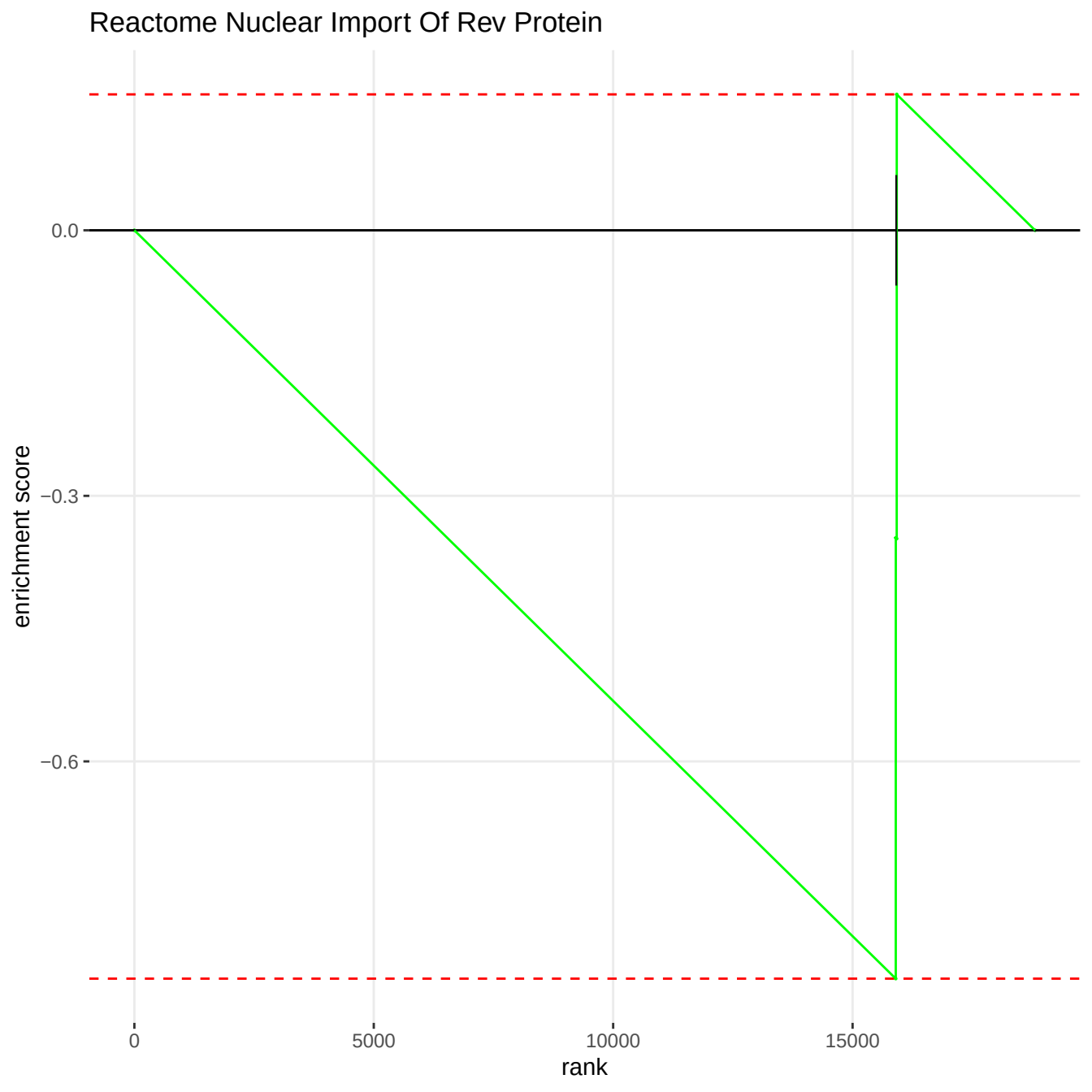
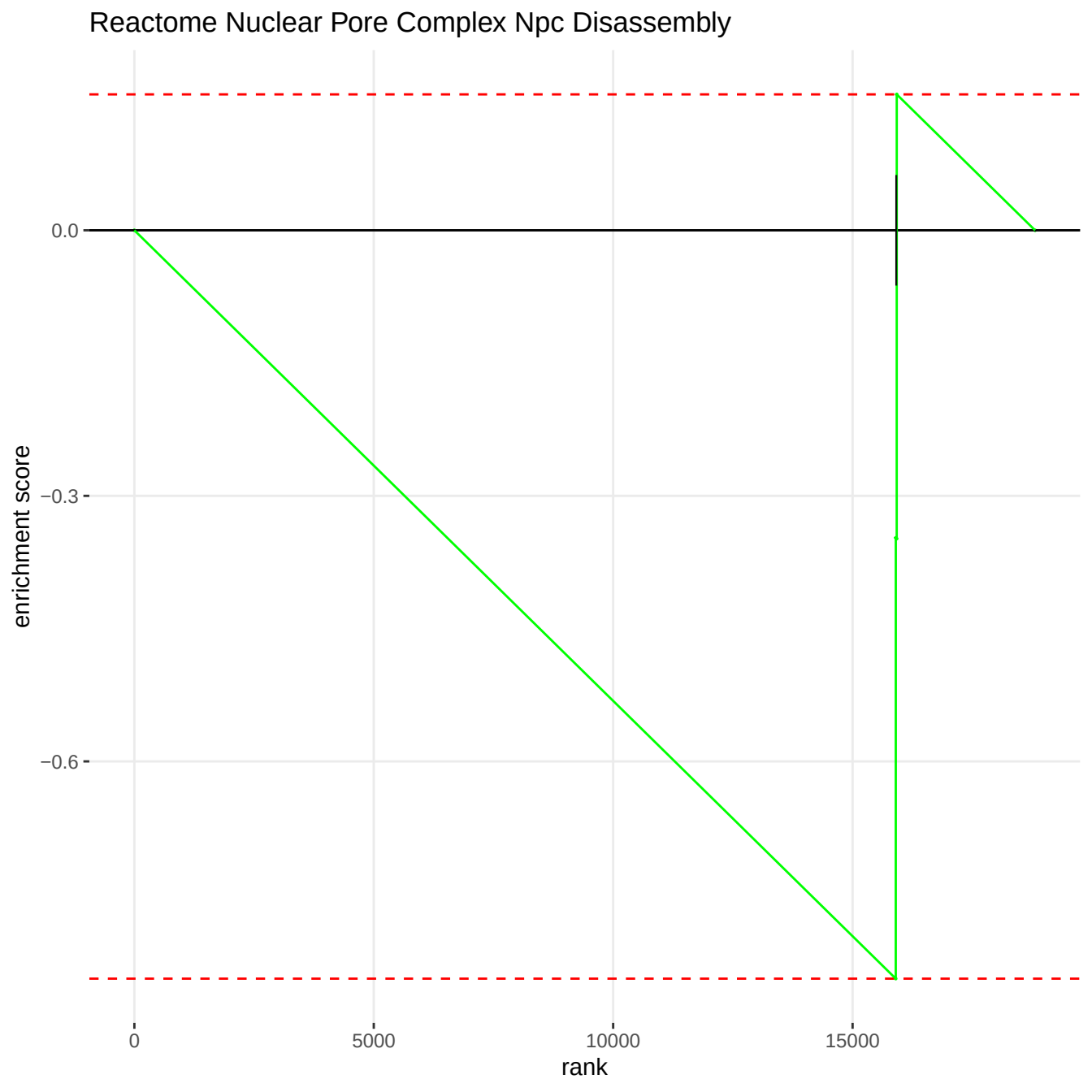
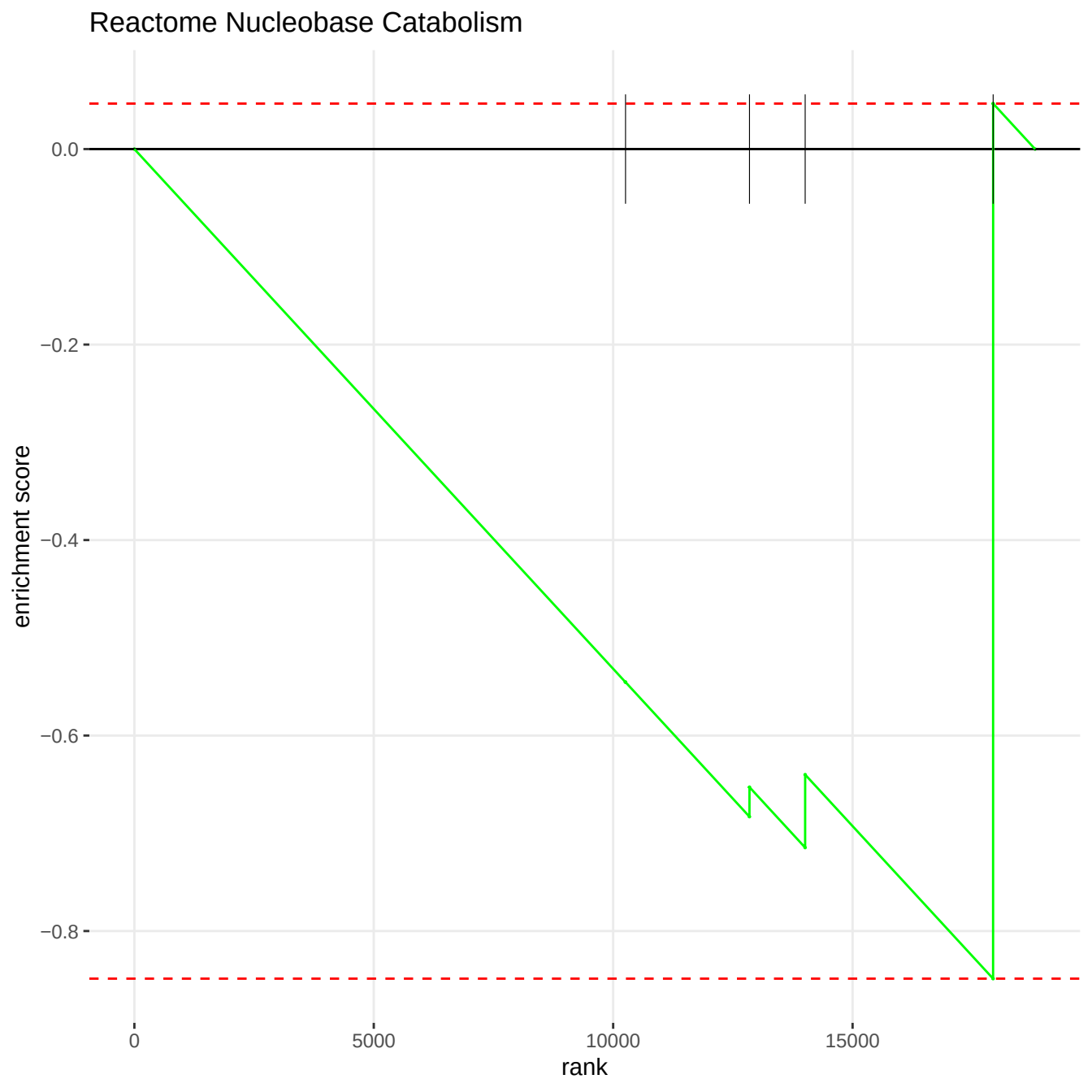
−0.6
enrichment score
0
5000
10000
15000
rank

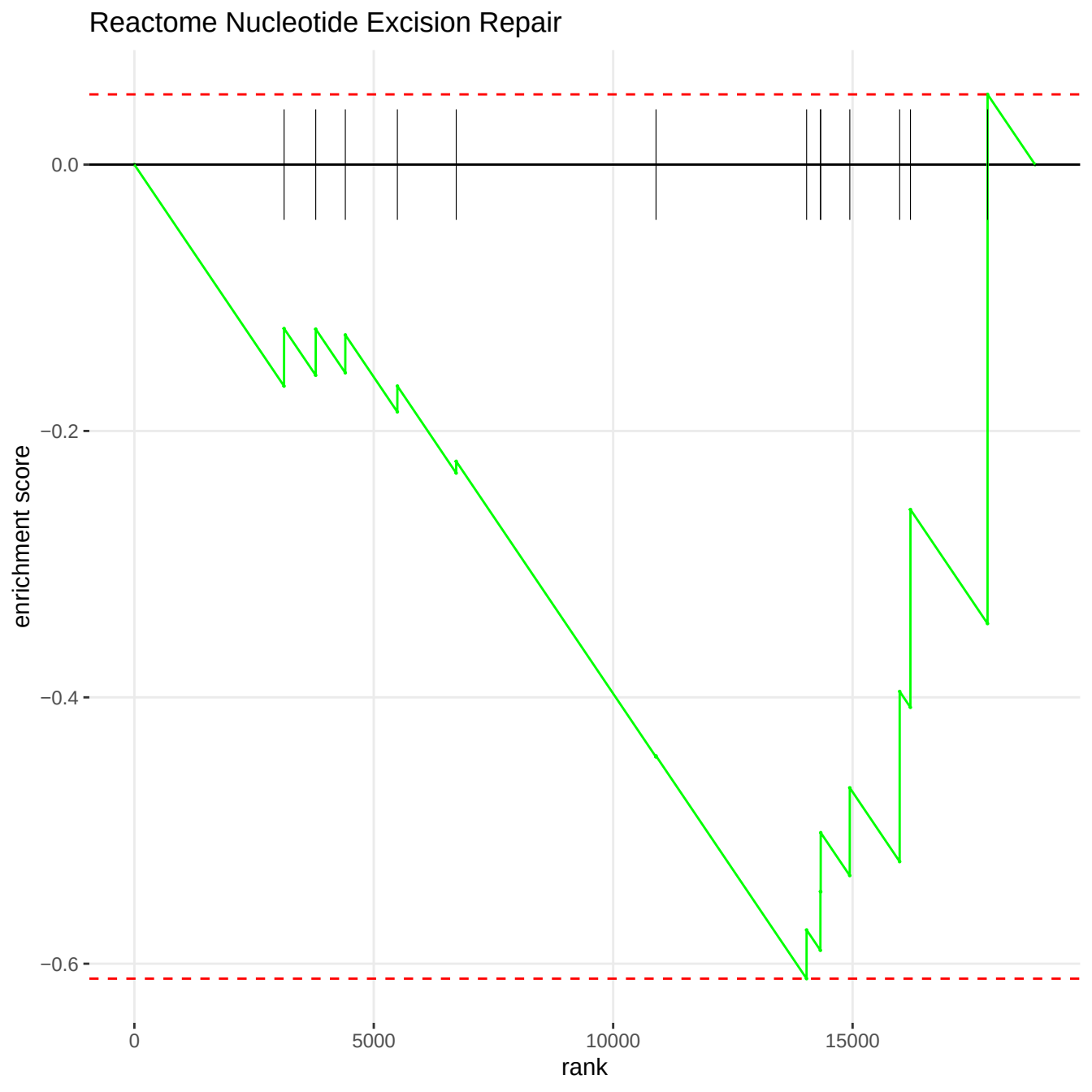

Reactome Nuclear Envelope Breakdown
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

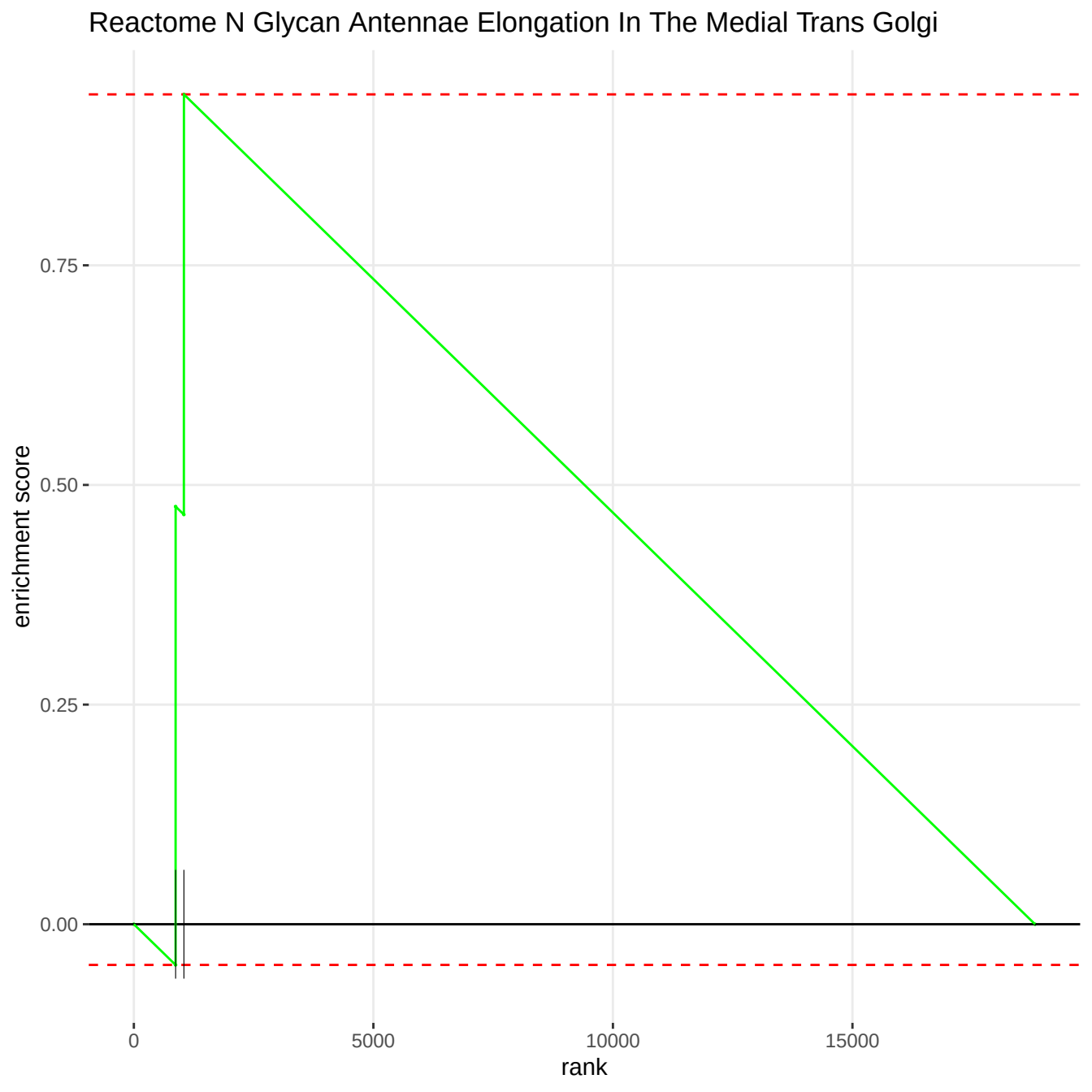

Reactome Nuclear Envelope Ne Reassembly
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Nuclear Import Of Rev Protein
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

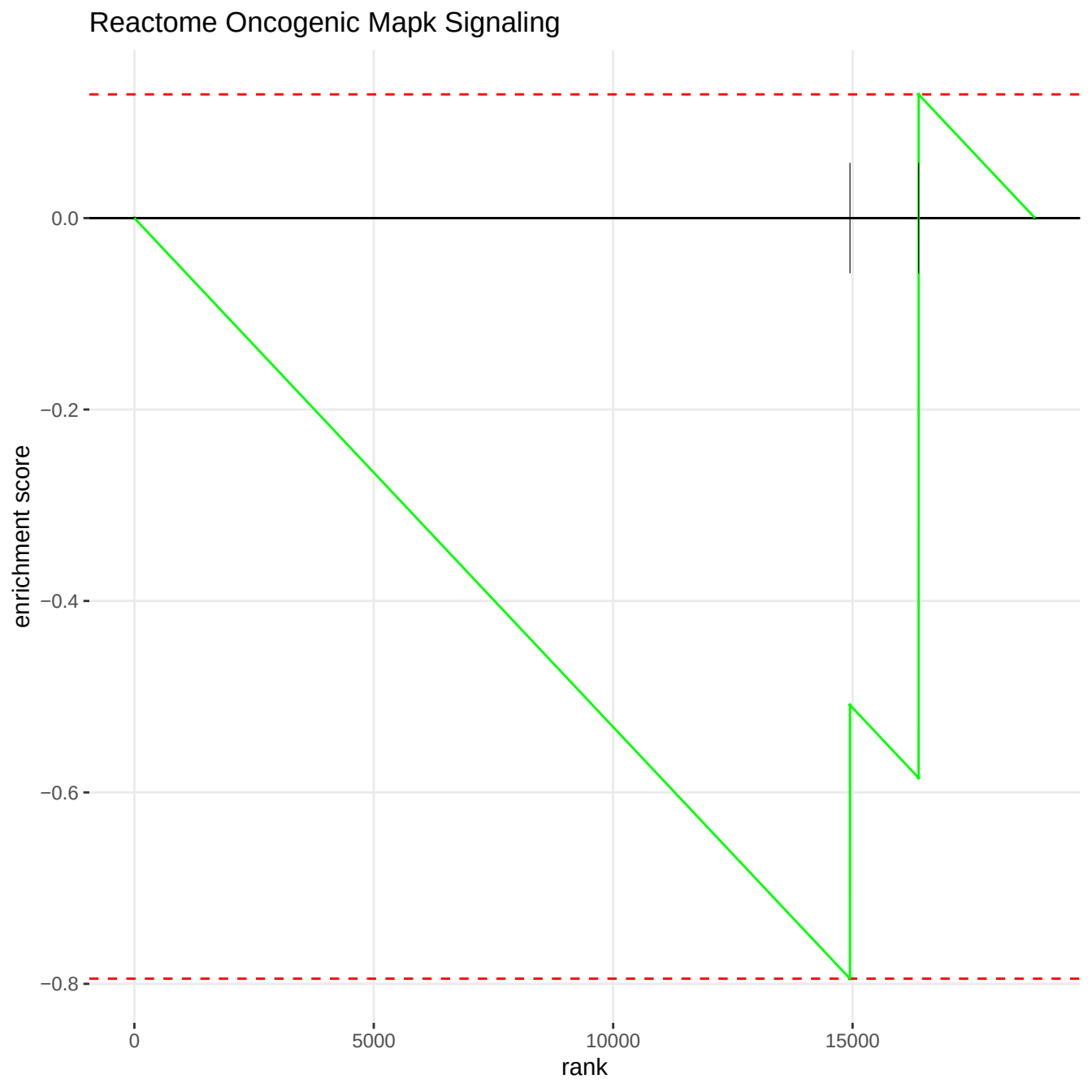

Reactome Nuclear Pore Complex Npc Disassembly
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

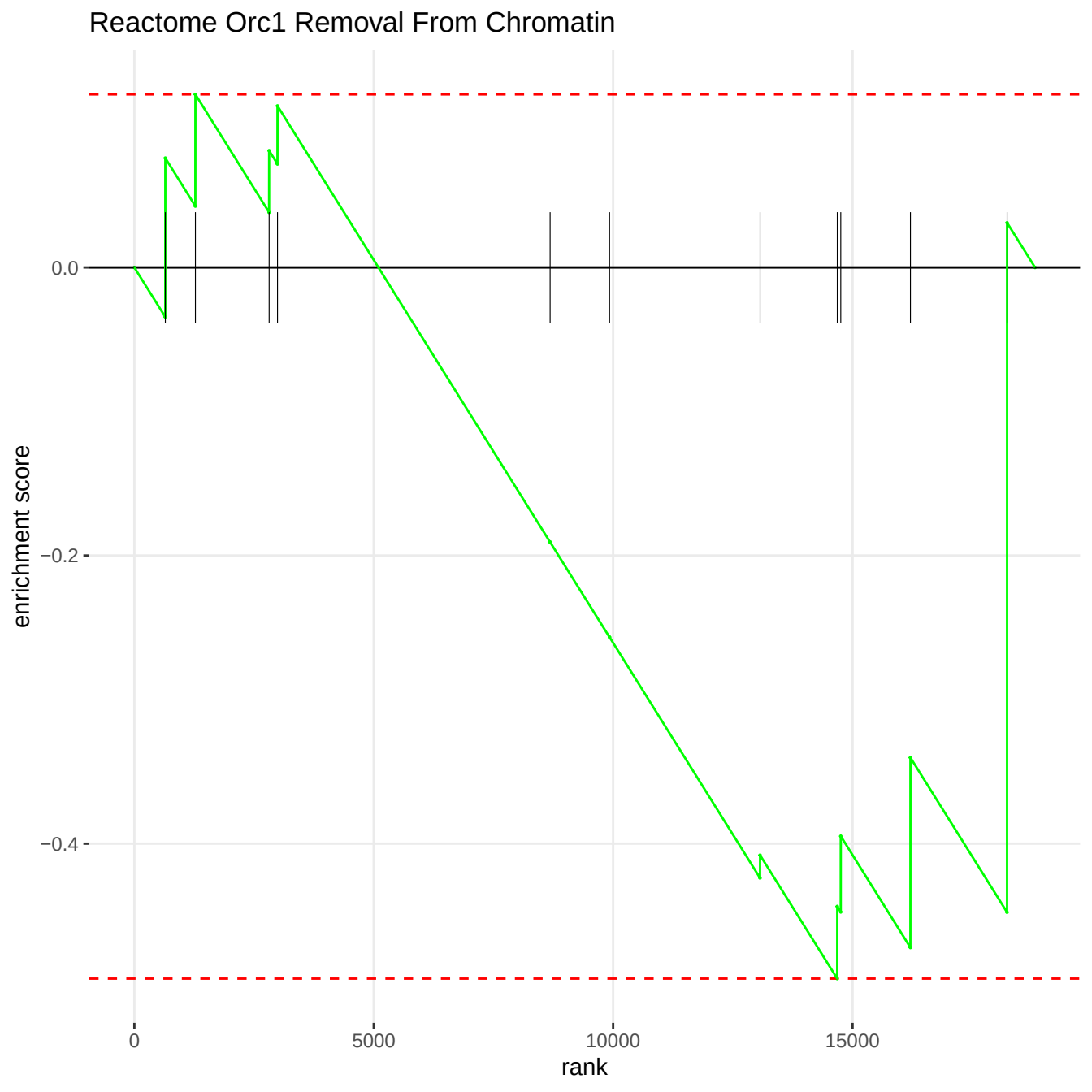

Reactome Nucleobase Catabolism
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

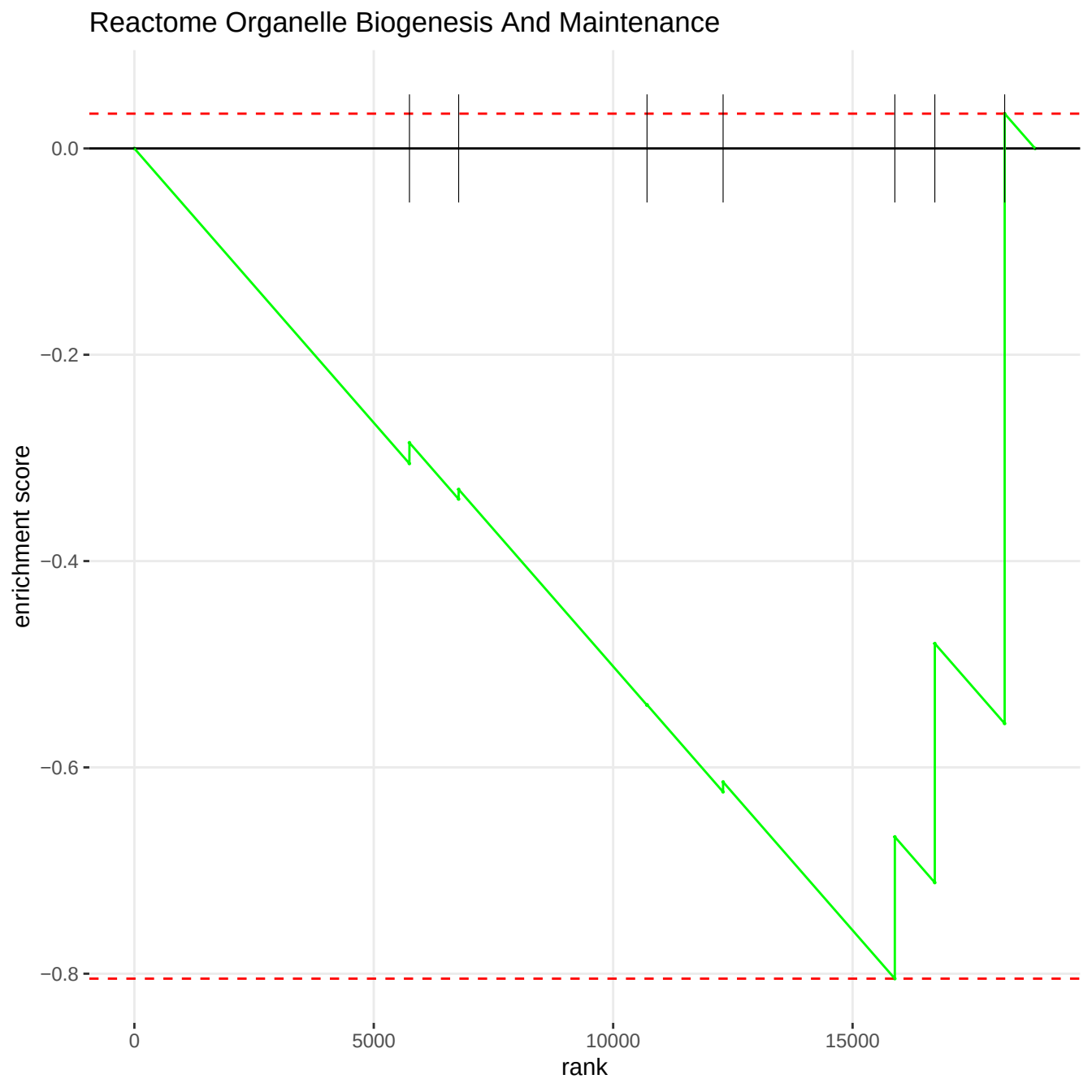

Reactome Nucleotide Excision Repair
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome N Glycan Antennae Elongation In The Medial Trans Golgi
enrichment score
0.75
0.50
0.25
0.00
0
5000
10000
15000
rank

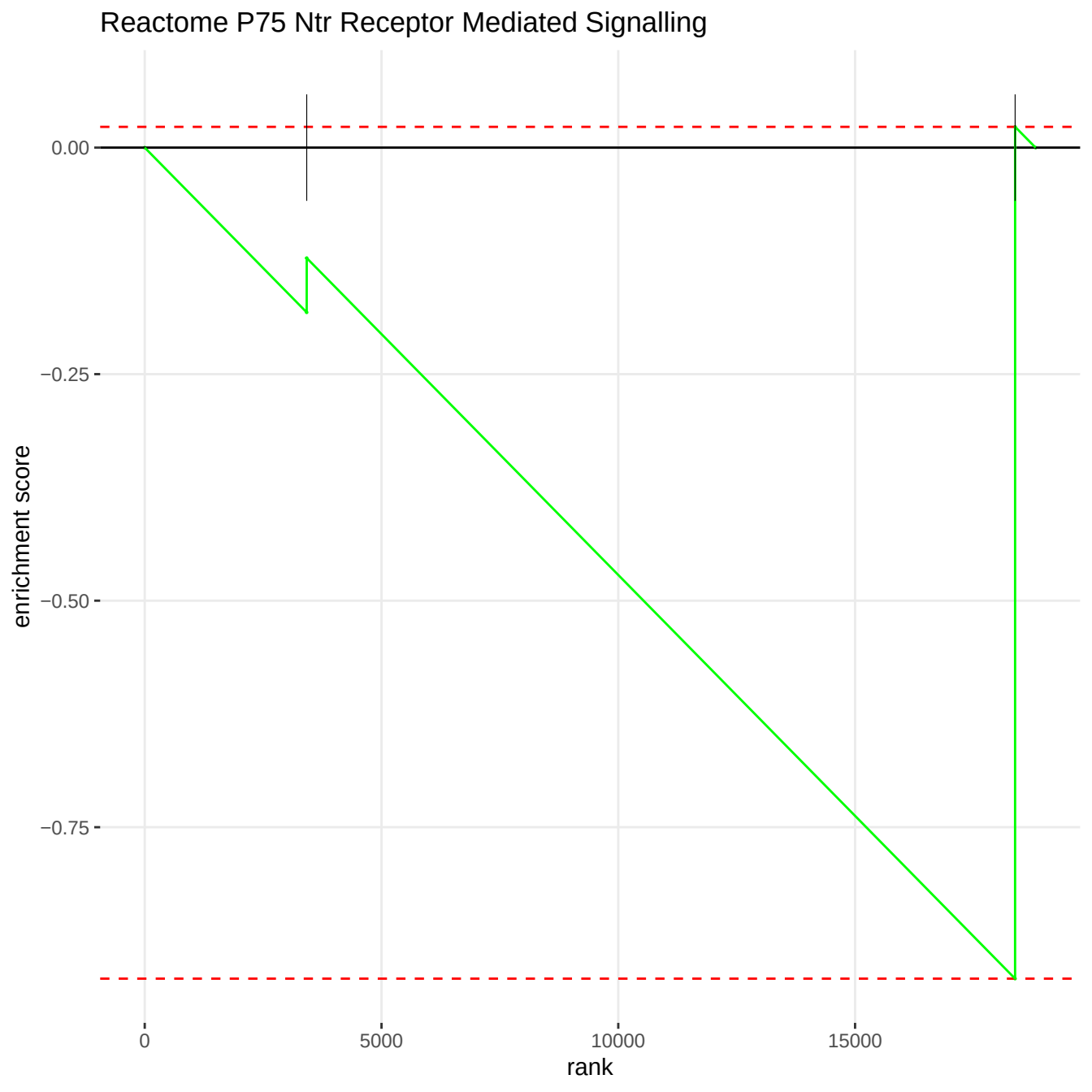
Reactome Oncogene Induced Senescence
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

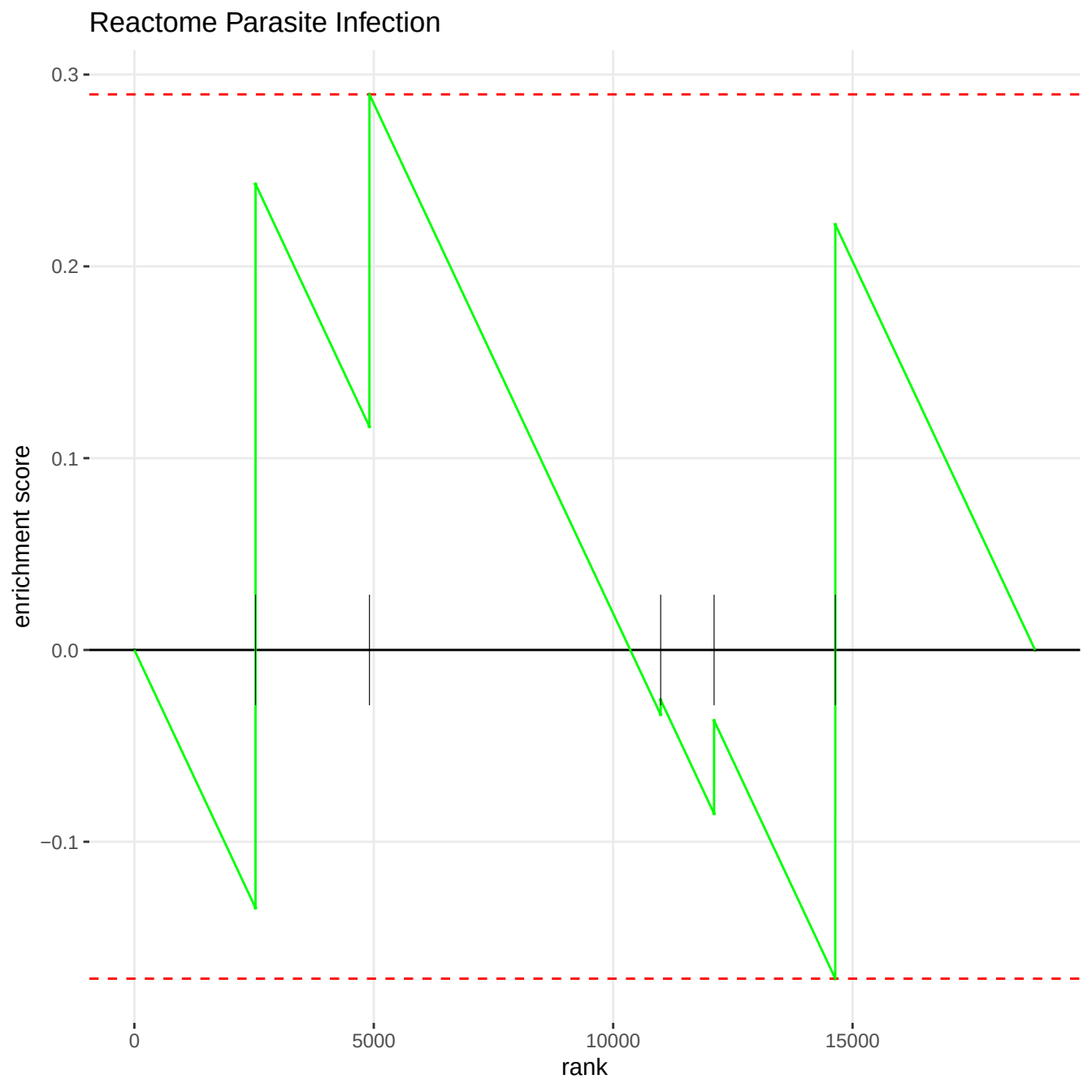

Reactome Oncogenic Mapk Signaling
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

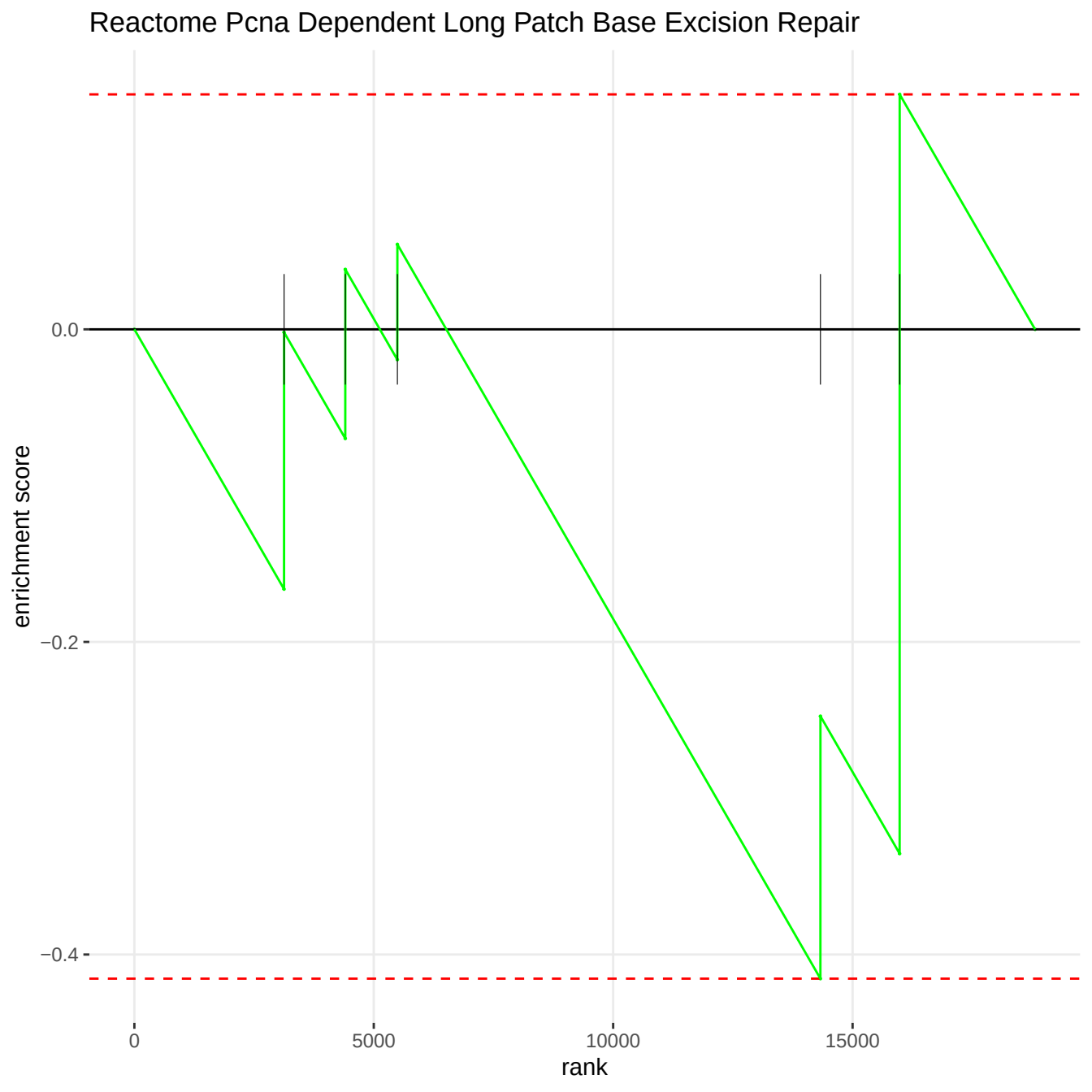

Reactome Orc1 Removal From Chromatin
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

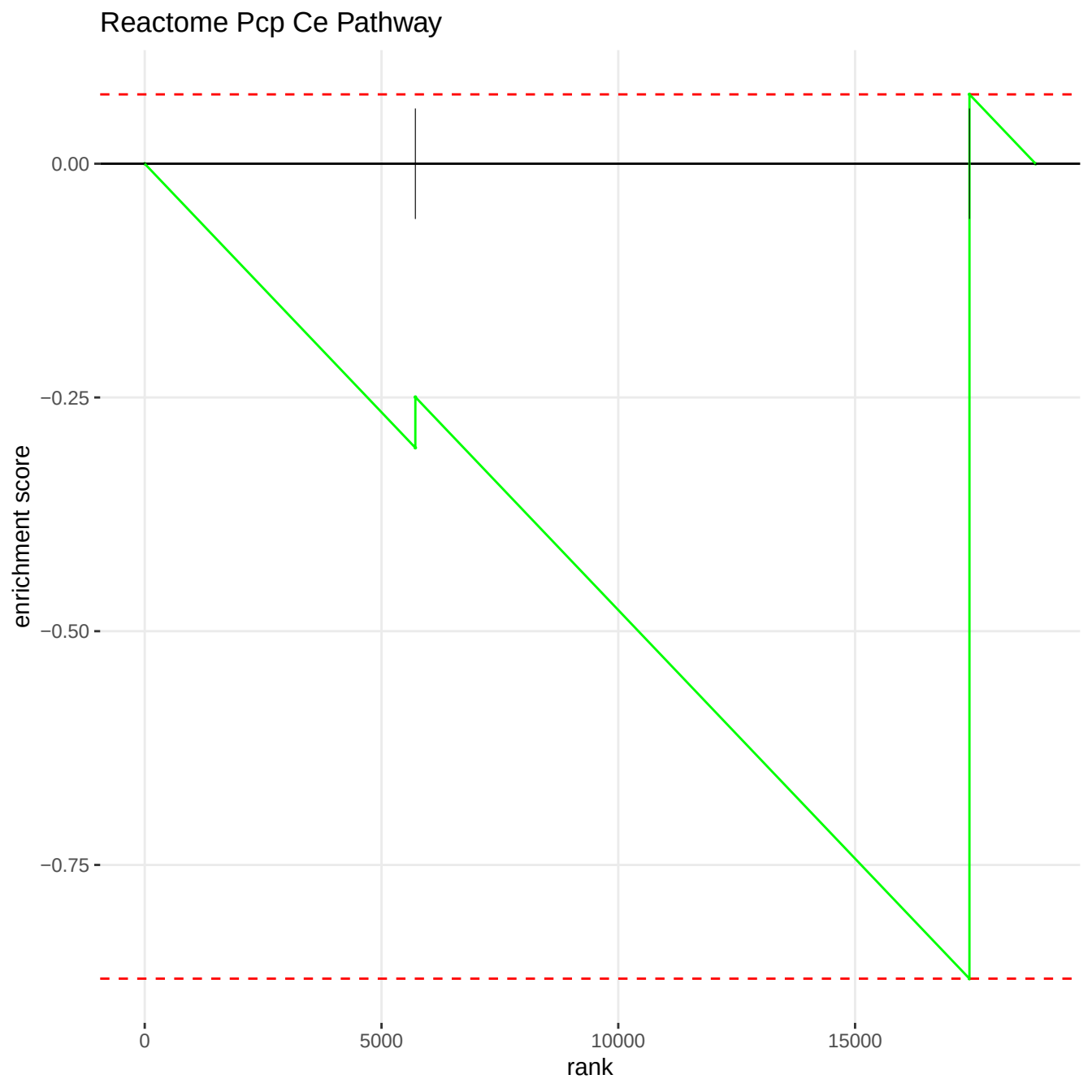

Reactome Organelle Biogenesis And Maintenance
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

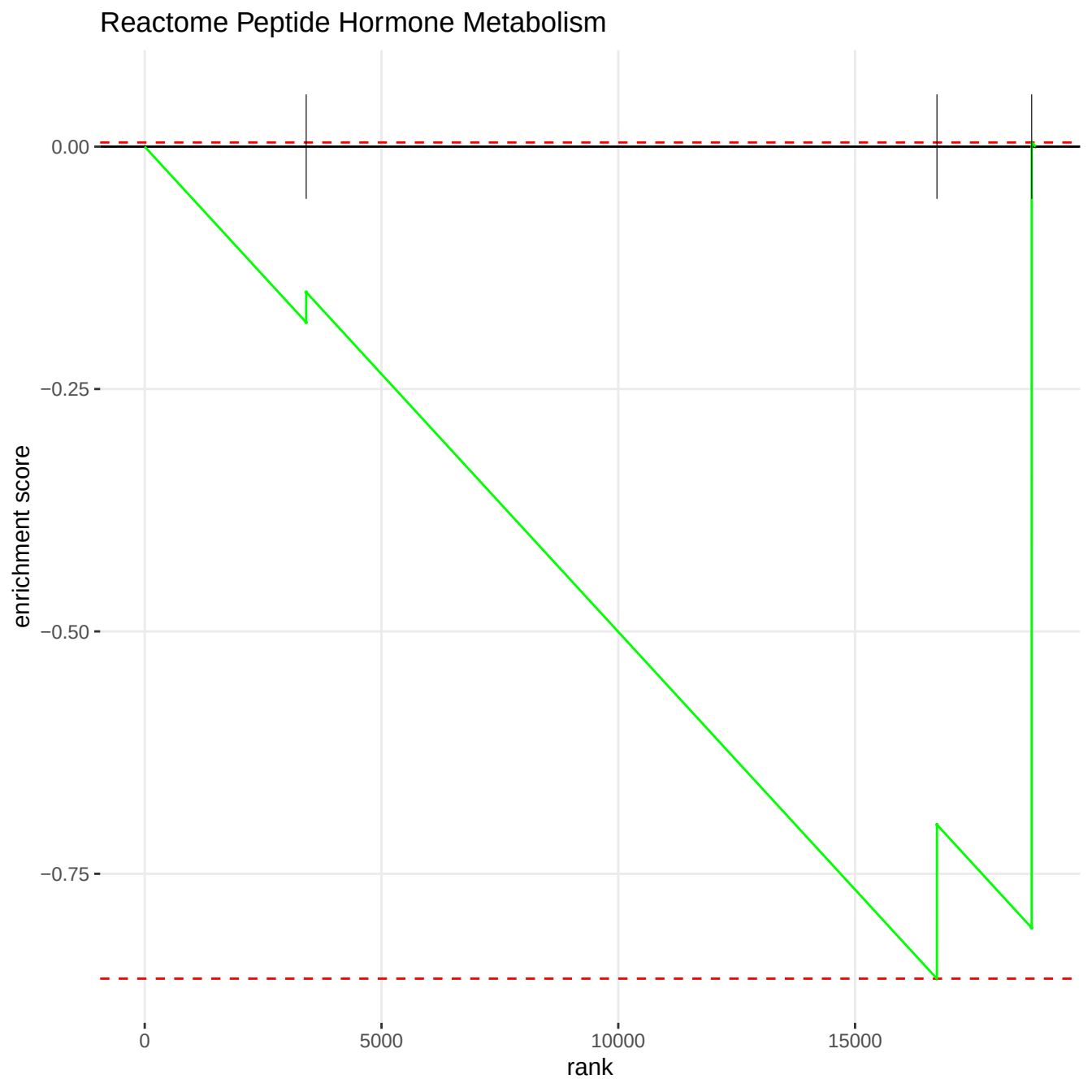
Reactome Oxidative Stress Induced Senescence
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome P75 Ntr Receptor Mediated Signalling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

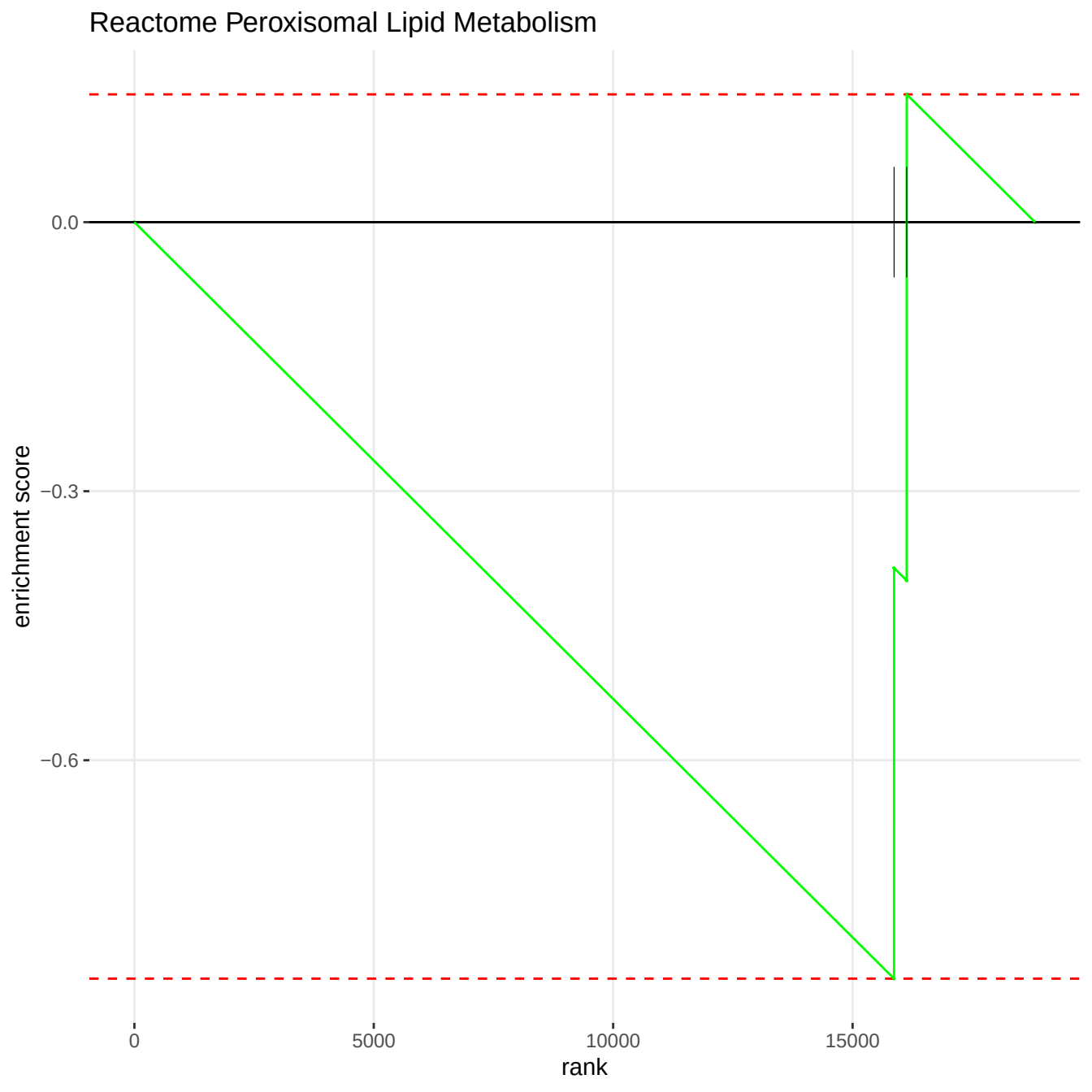

Reactome Parasite Infection
0.3
0.2
0.1
0.0
−0.1
enrichment score
0
5000
10000
15000
rank

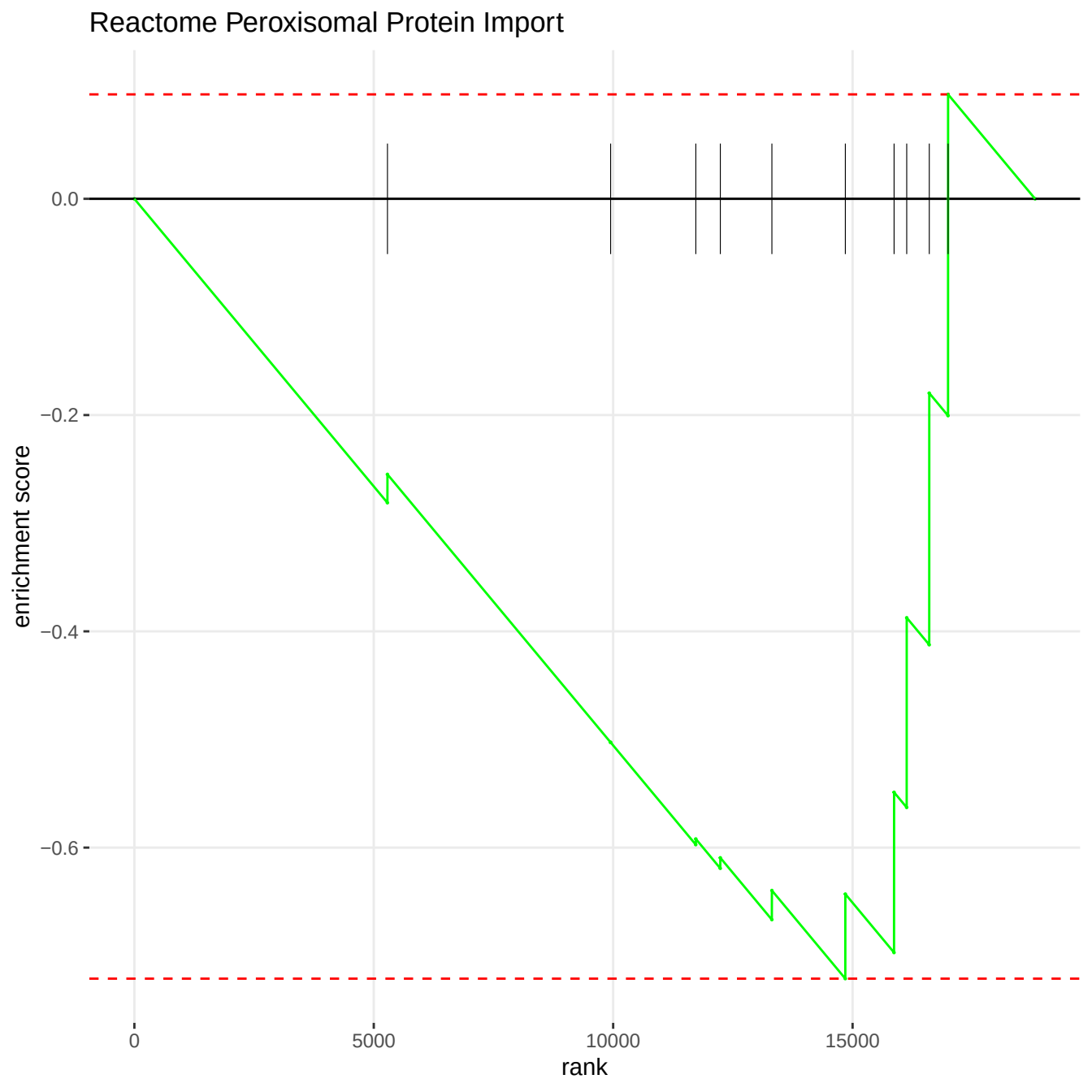

Reactome Pcna Dependent Long Patch Base Excision Repair
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

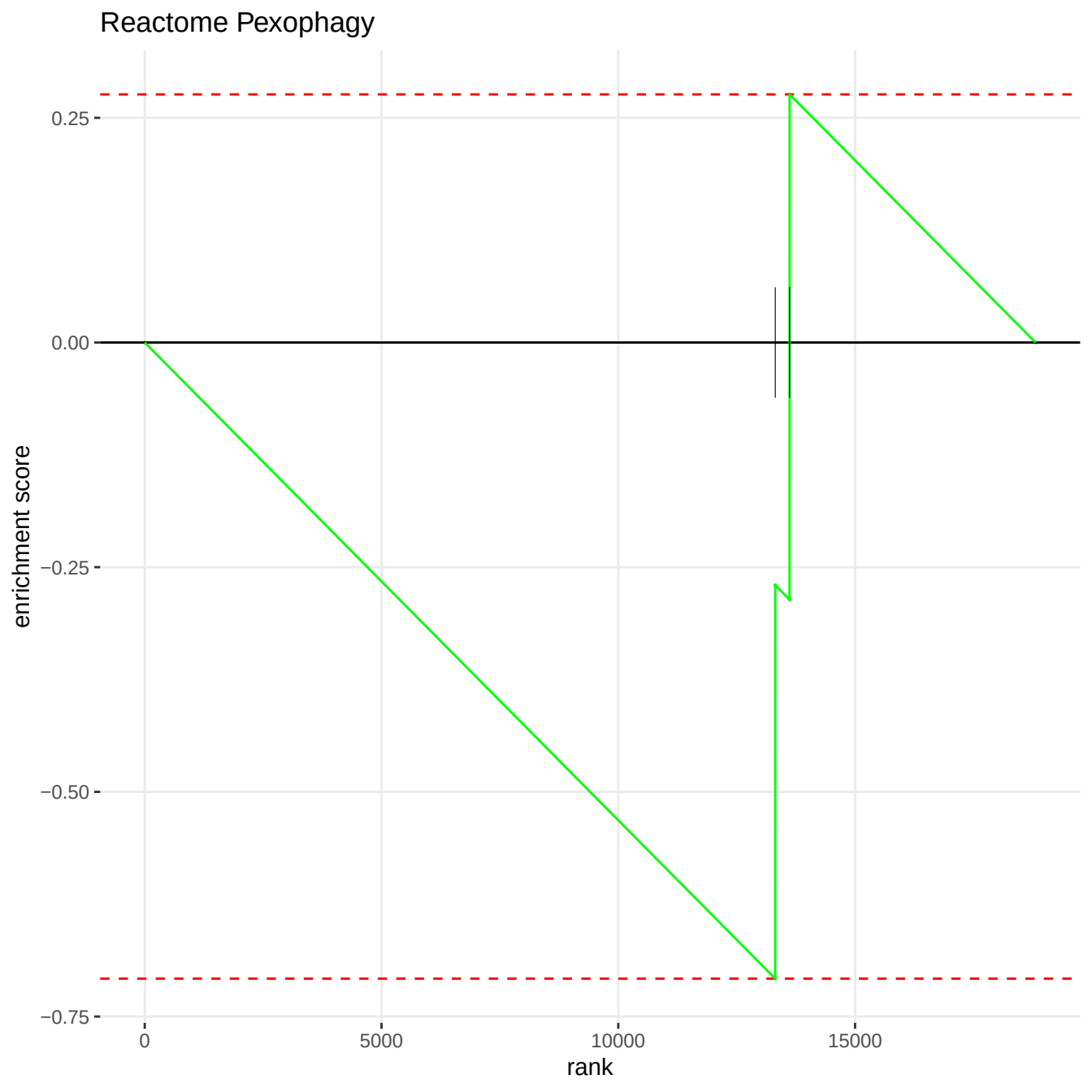

Reactome Pcp Ce Pathway
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Peptide Hormone Metabolism
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

Reactome Peptide Ligand Binding Receptors
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

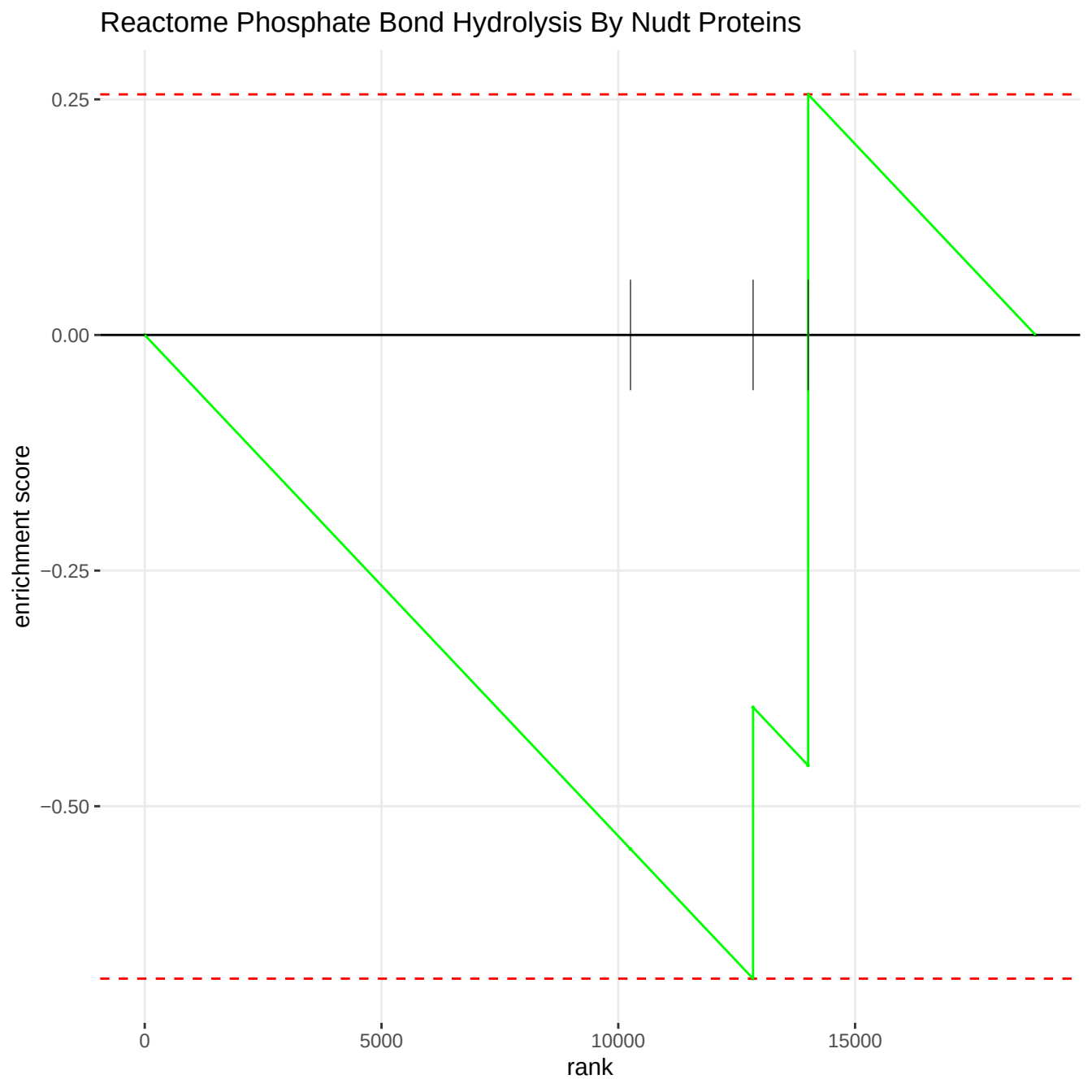

Reactome Peroxisomal Lipid Metabolism
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

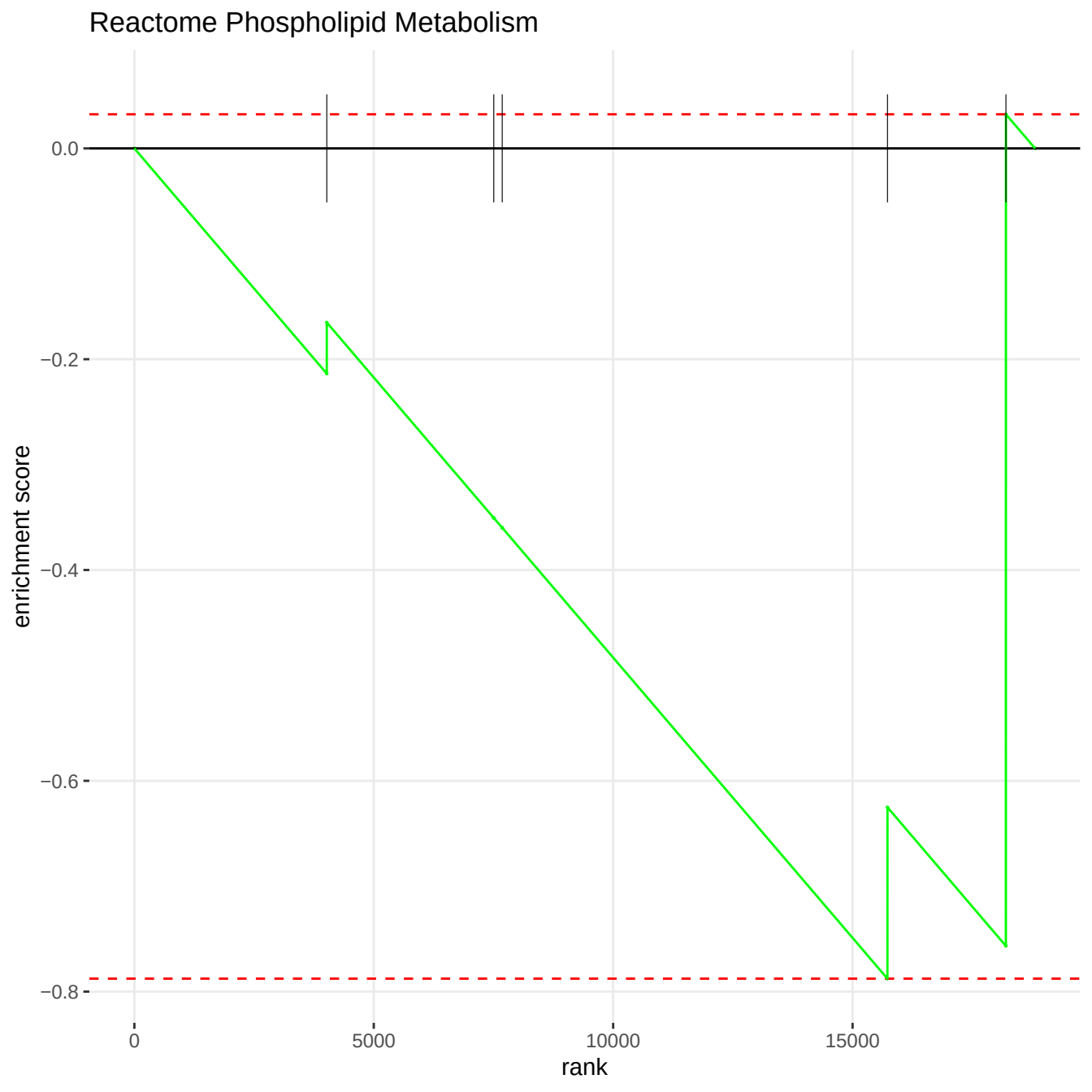

Reactome Peroxisomal Protein Import
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

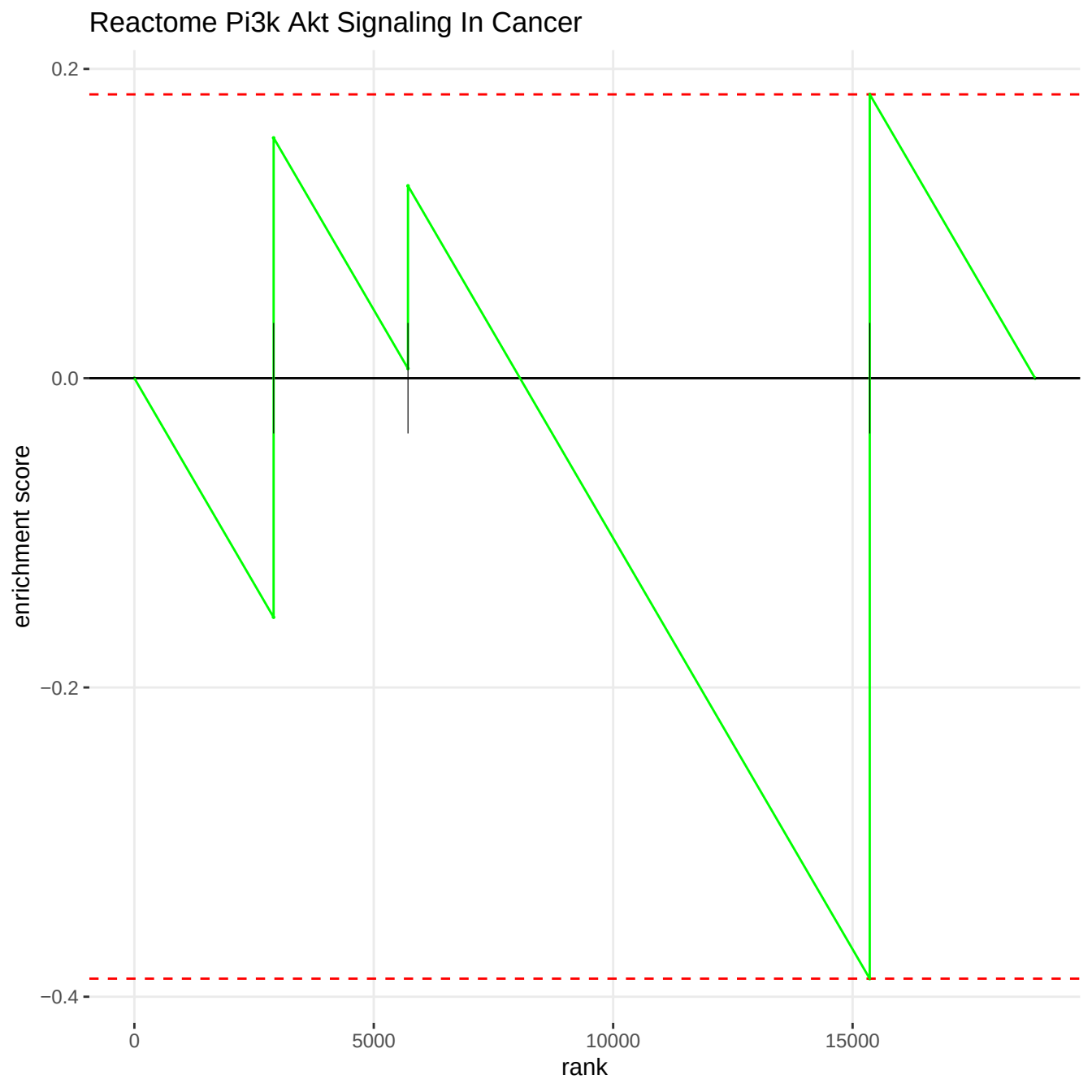

Reactome Pexophagy
0.25
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

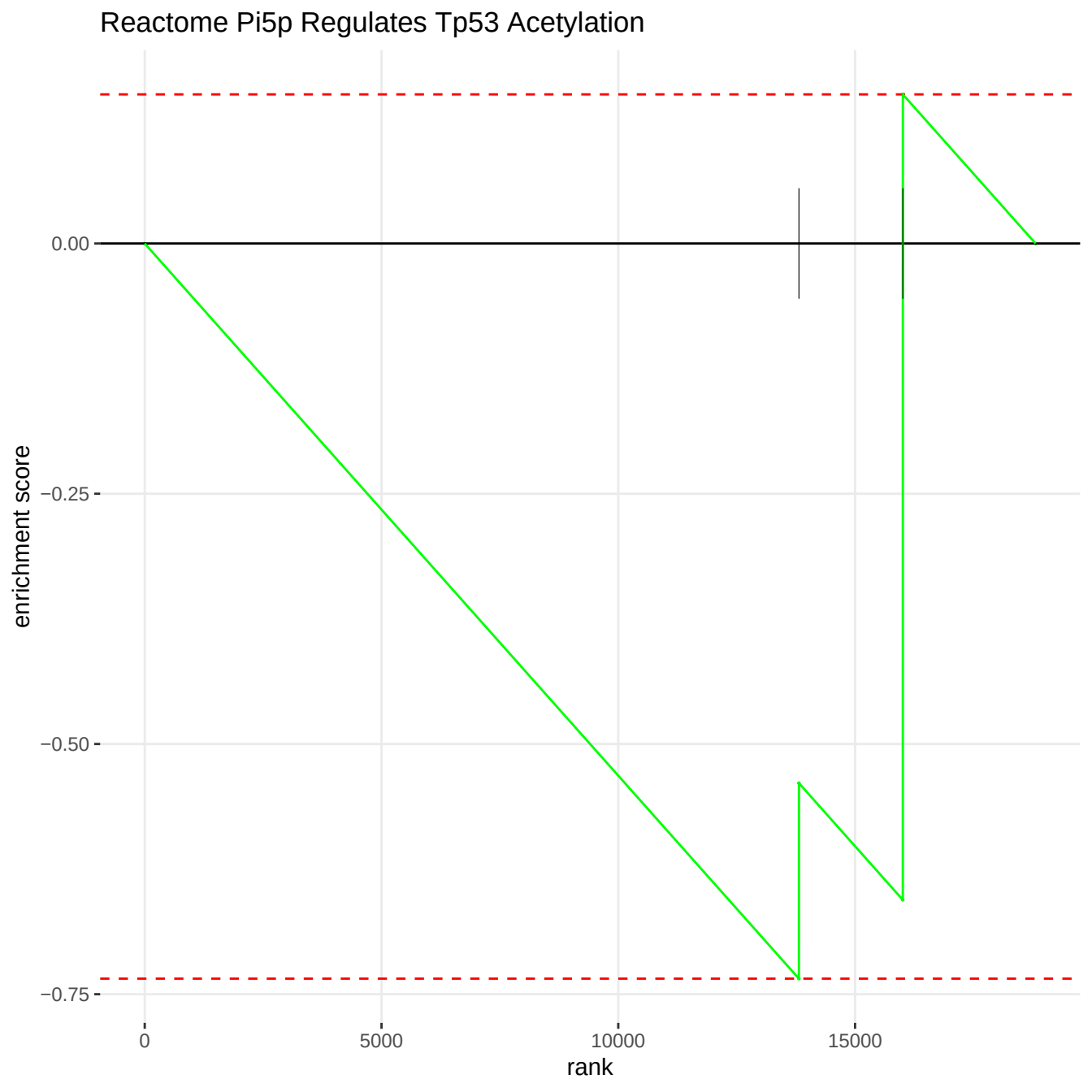
Reactome Phase Ii Conjugation Of Compounds
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

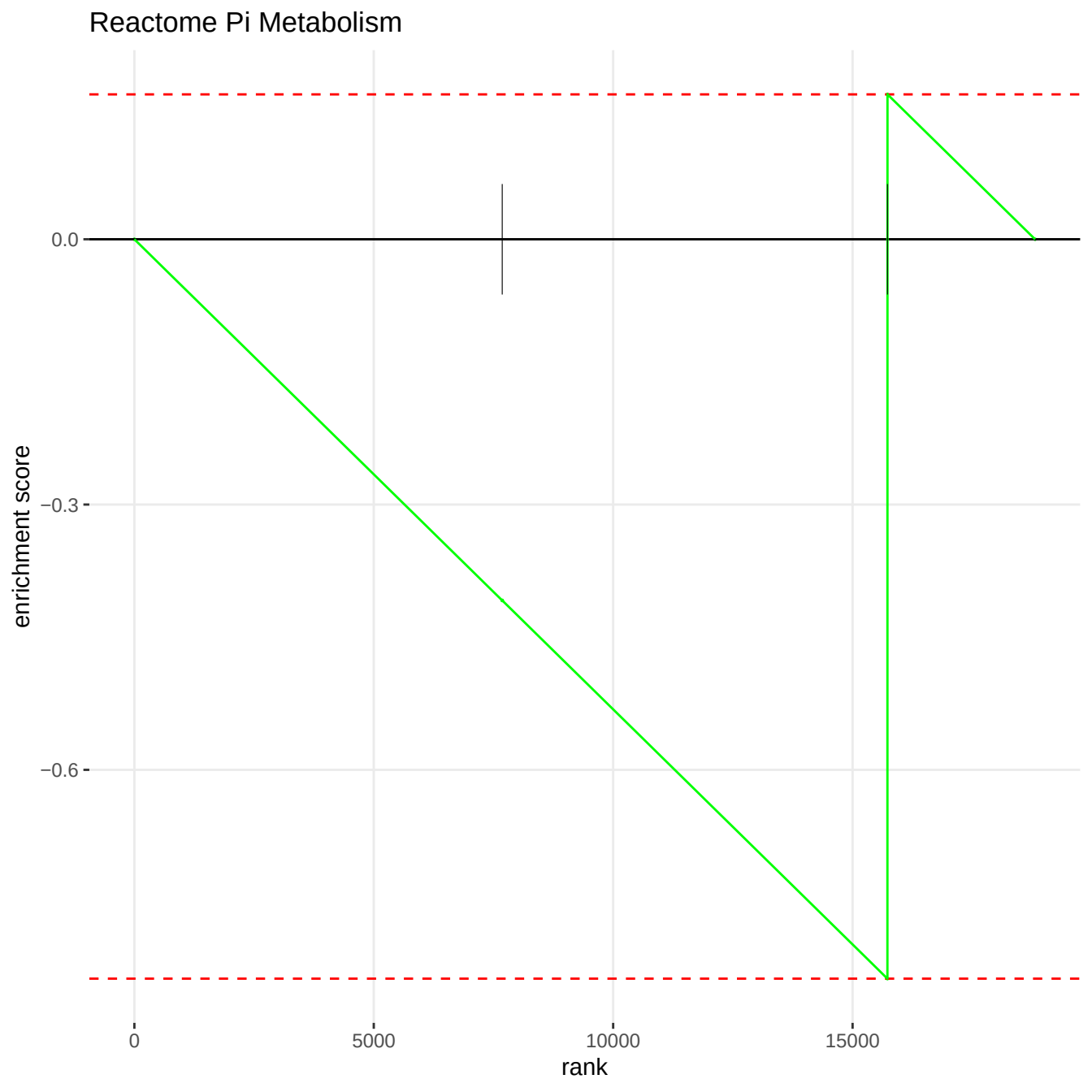
Reactome Phase I Functionalization Of Compounds
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

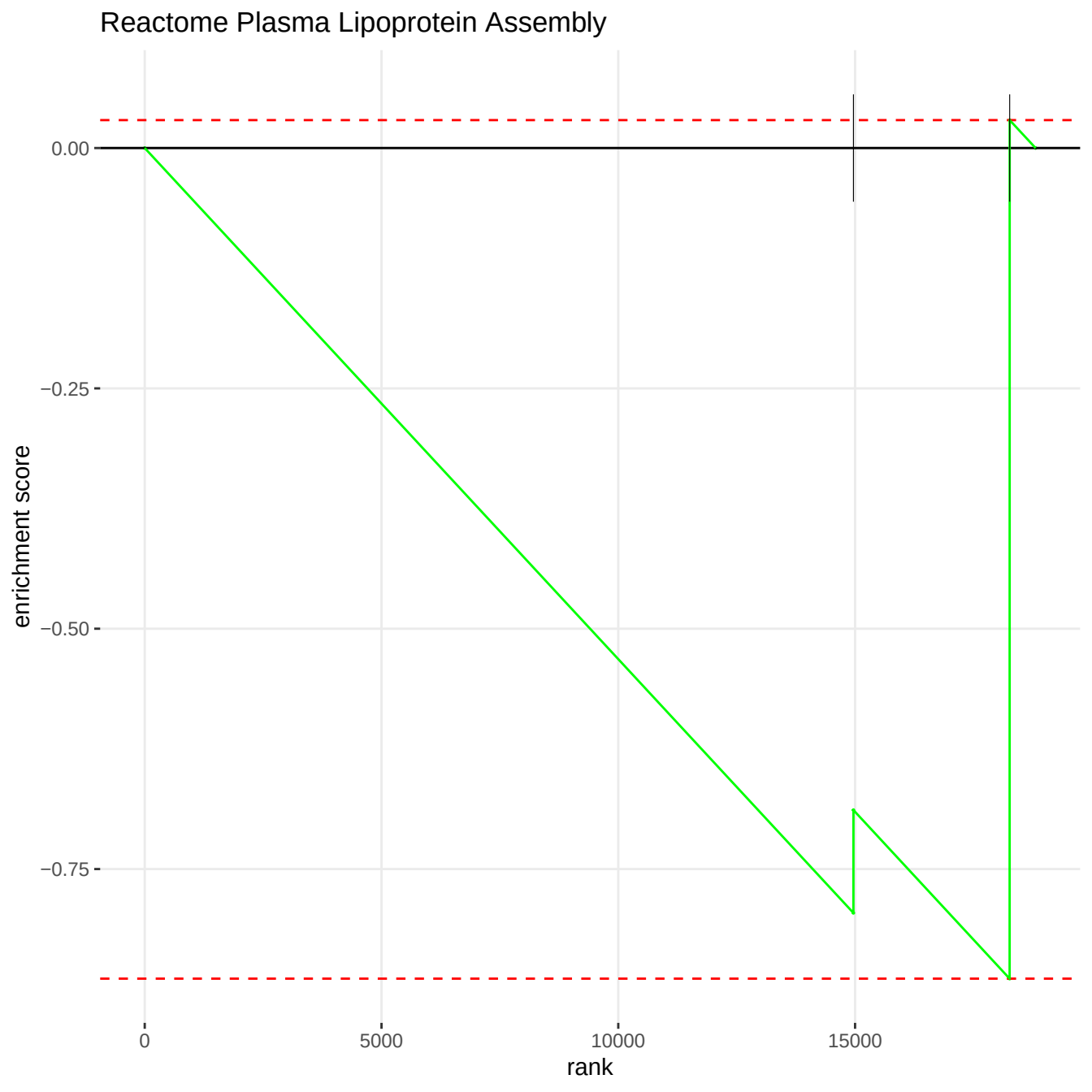

Reactome Phosphate Bond Hydrolysis By Nudt Proteins
0.25
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

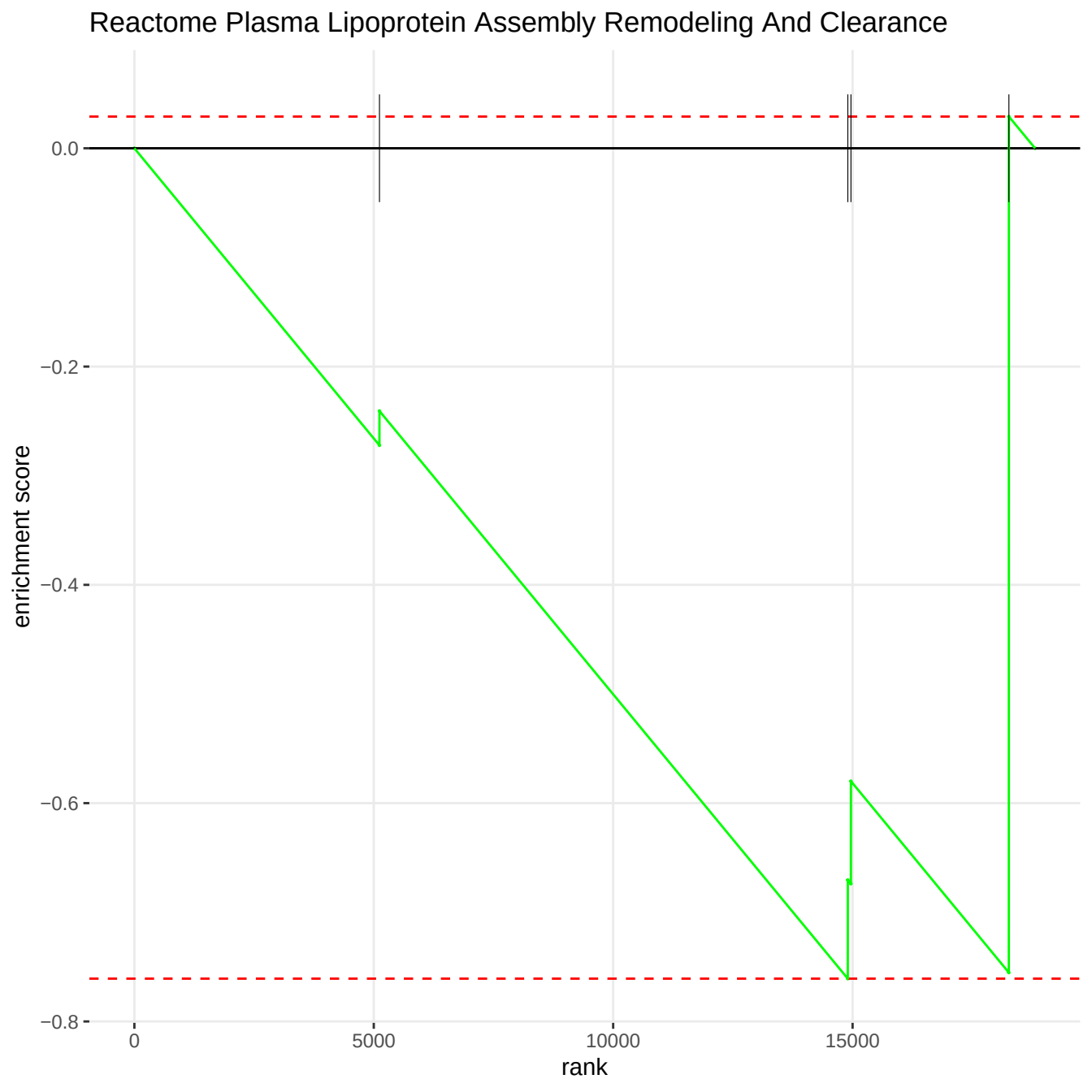

Reactome Phospholipid Metabolism
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

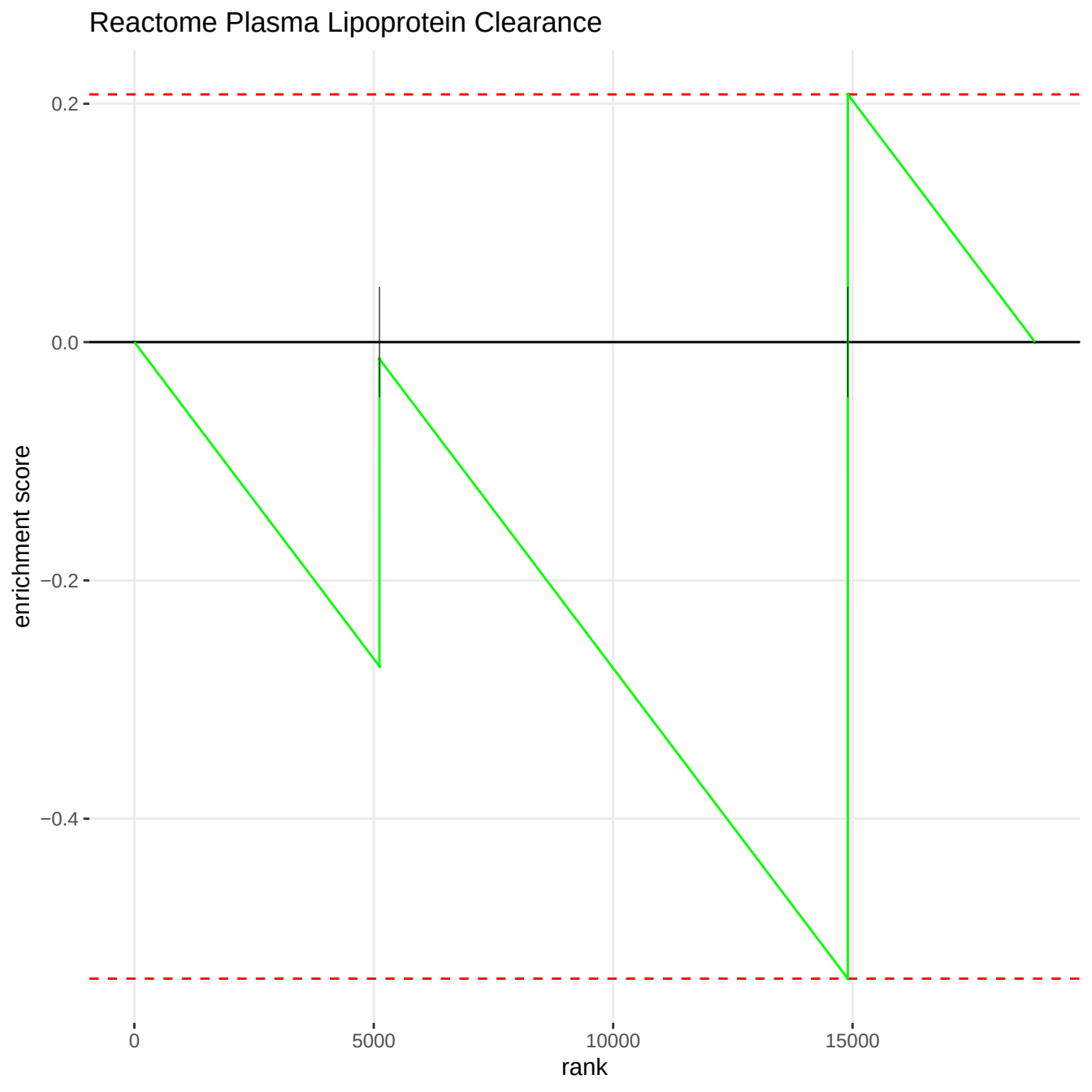

Reactome Pi3k Akt Signaling In Cancer
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

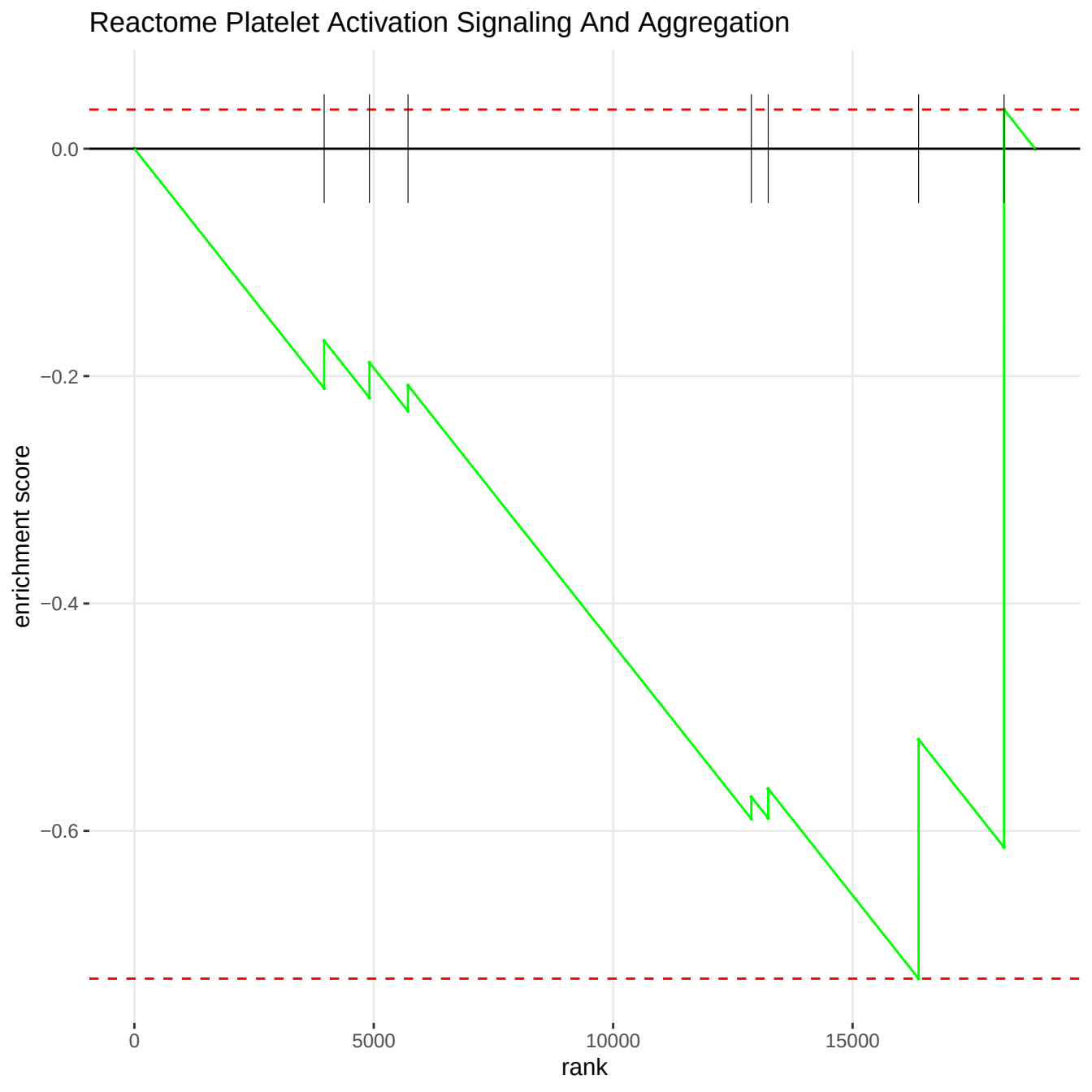

Reactome Pi5p Regulates Tp53 Acetylation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

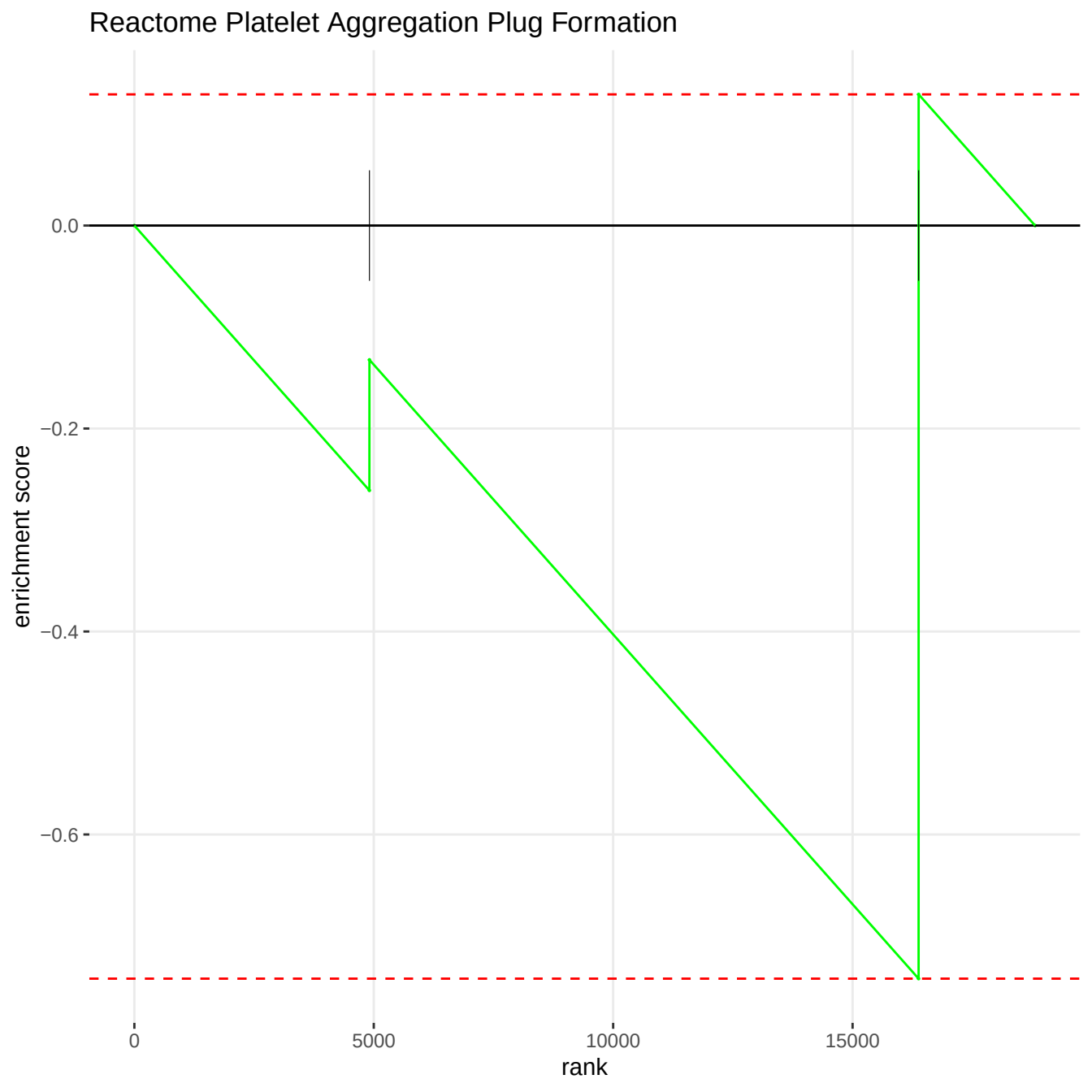

Reactome Pi Metabolism
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

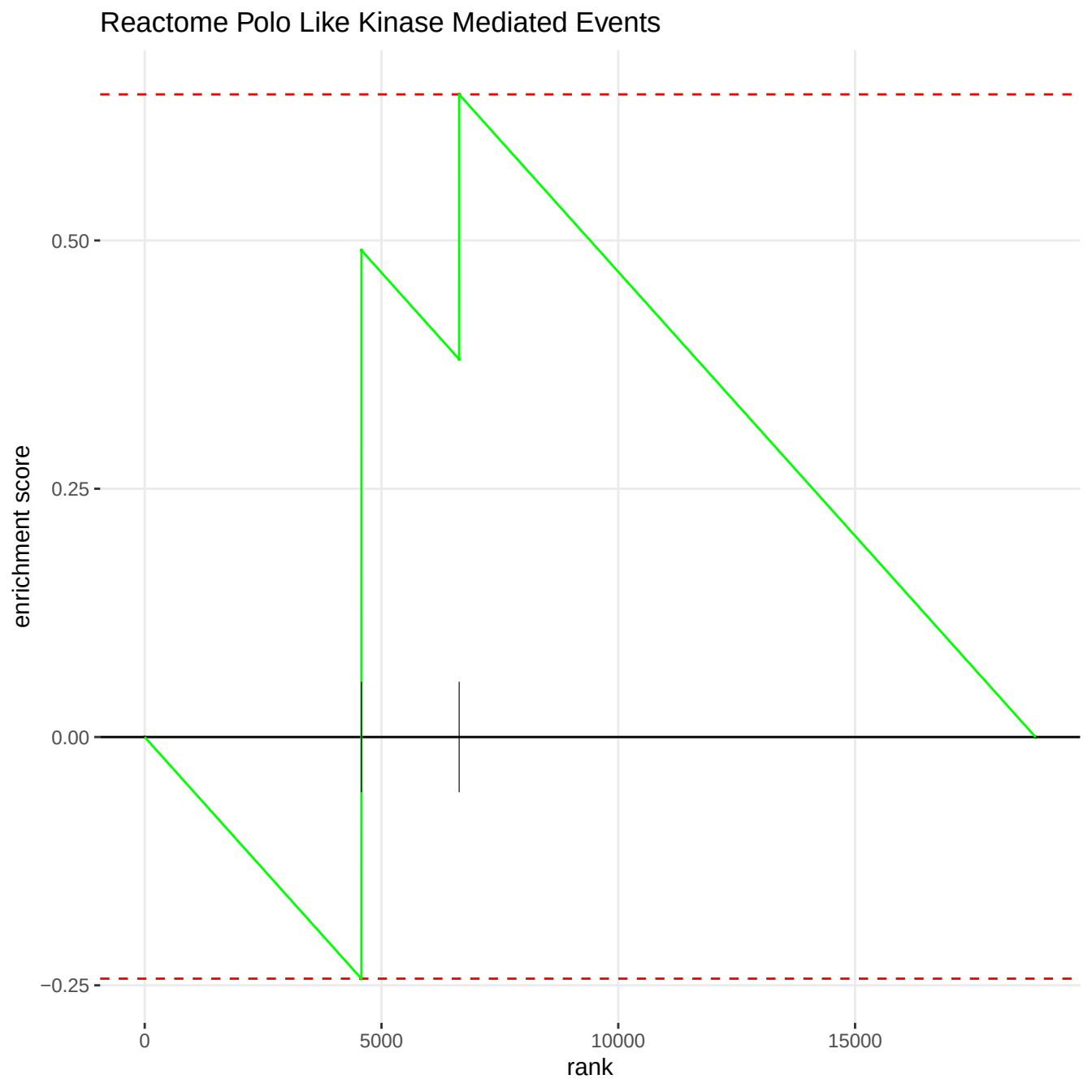

Reactome Plasma Lipoprotein Assembly
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

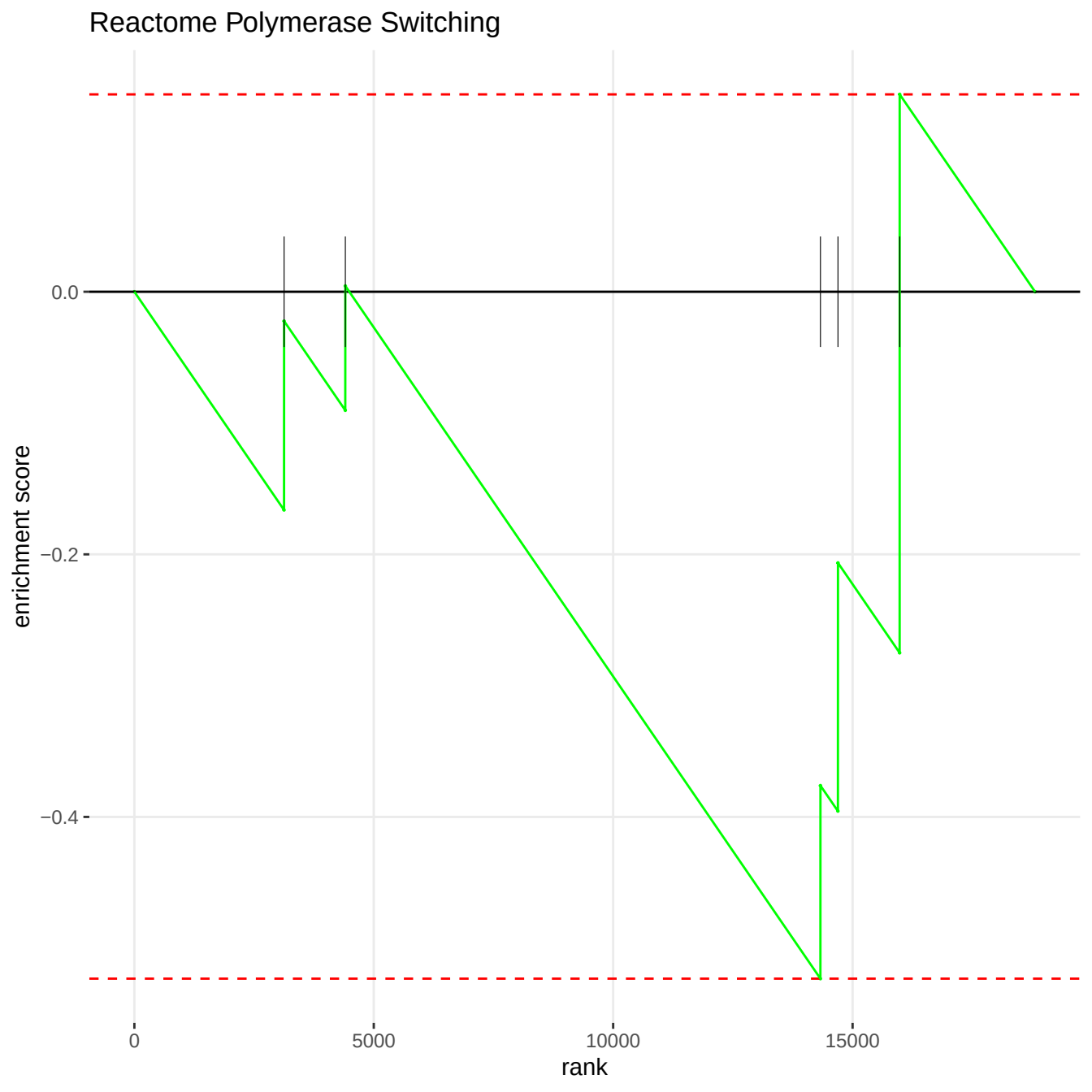

Reactome Plasma Lipoprotein Assembly Remodeling And Clearance
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

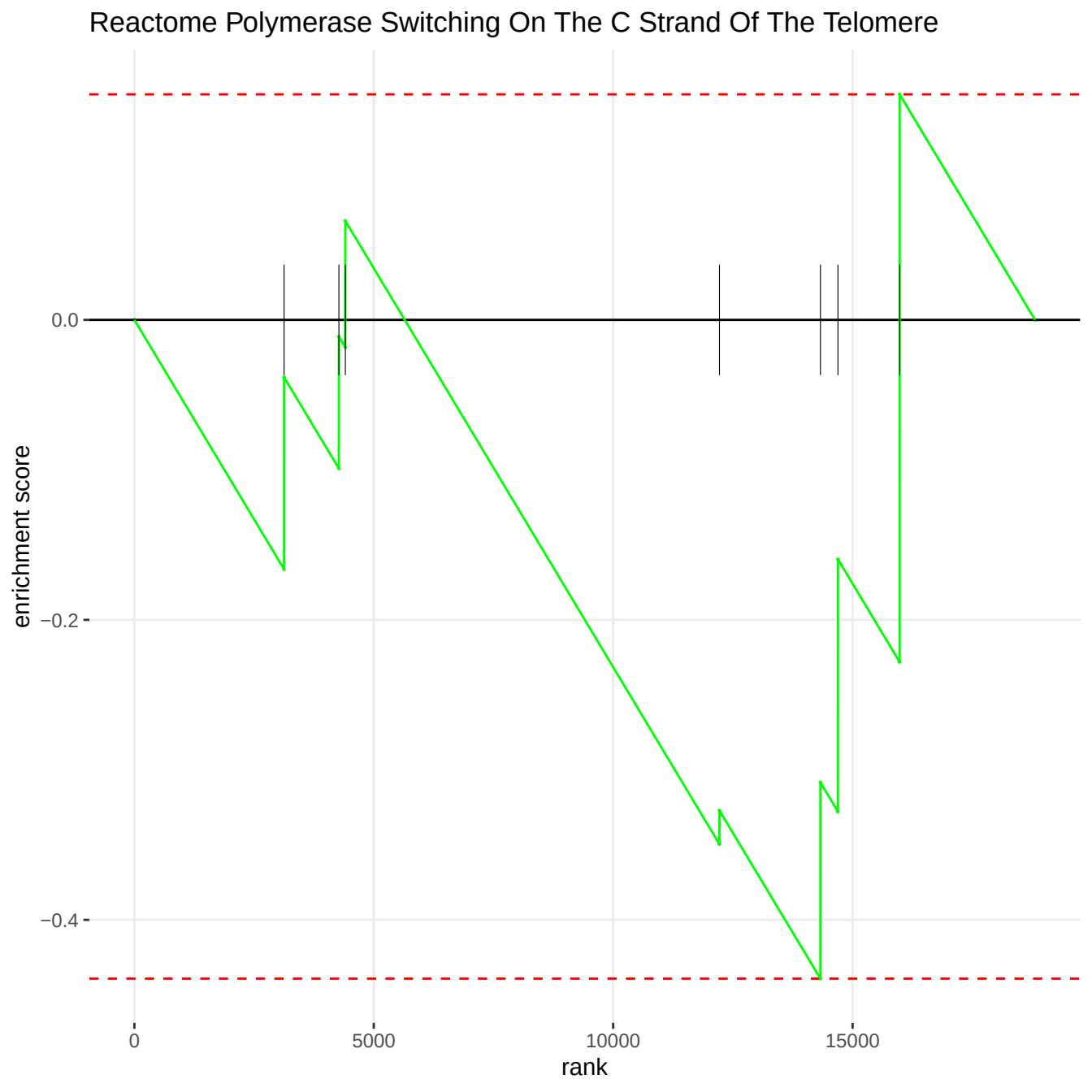

Reactome Plasma Lipoprotein Clearance
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

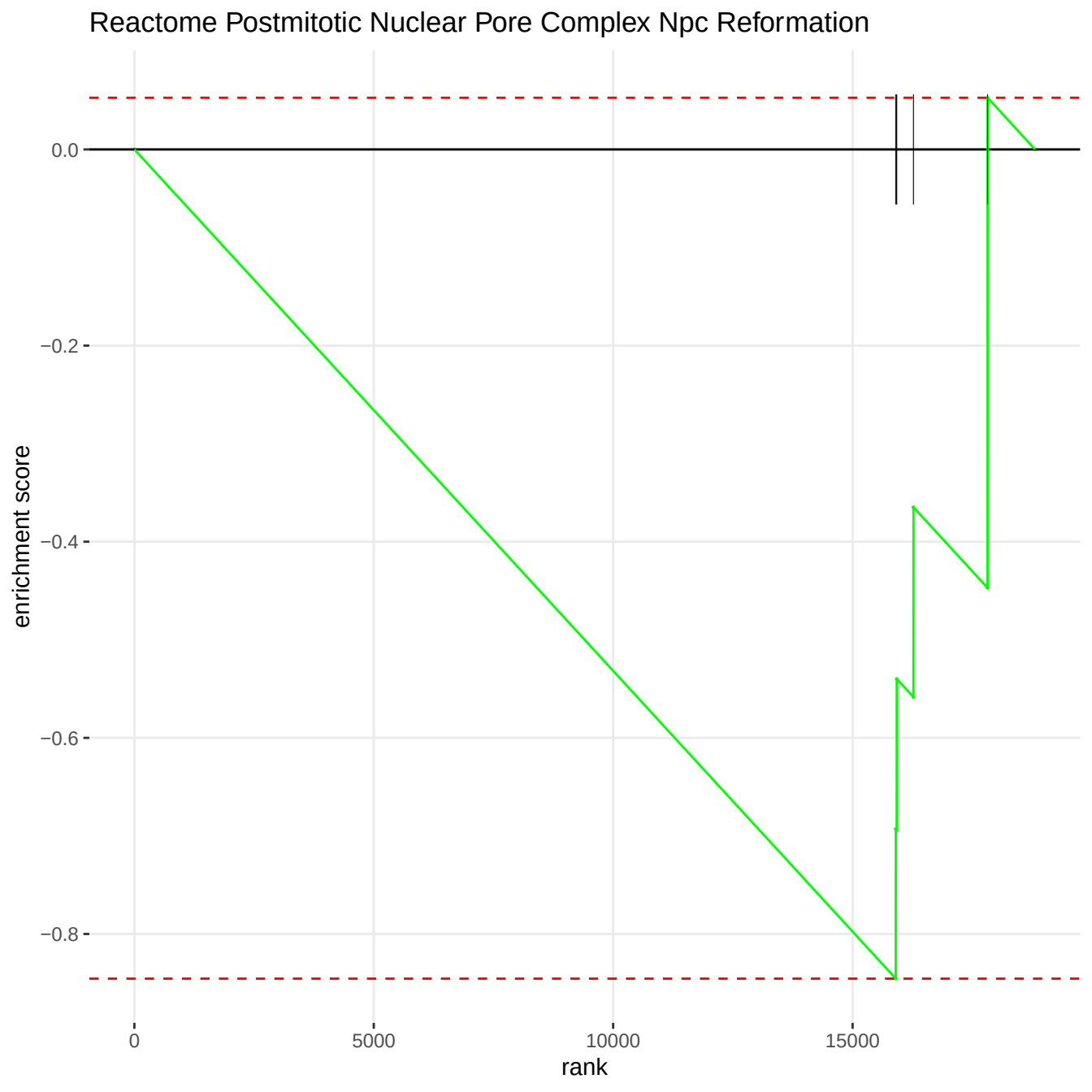

Reactome Platelet Activation Signaling And Aggregation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Platelet Aggregation Plug Formation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

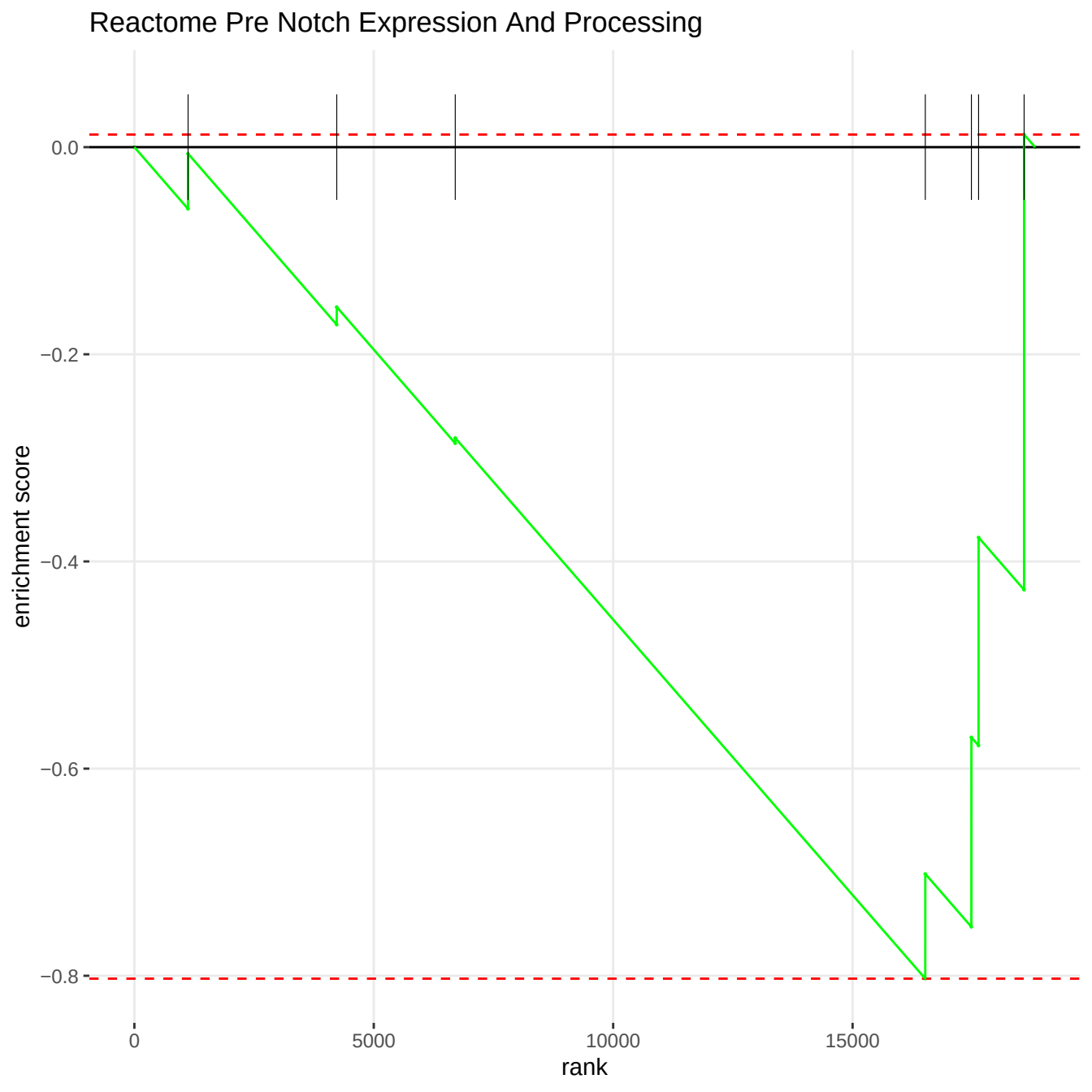

Reactome Polo Like Kinase Mediated Events
0.50
0.25
0.00
−0.25
enrichment score
0
5000
10000
15000
rank

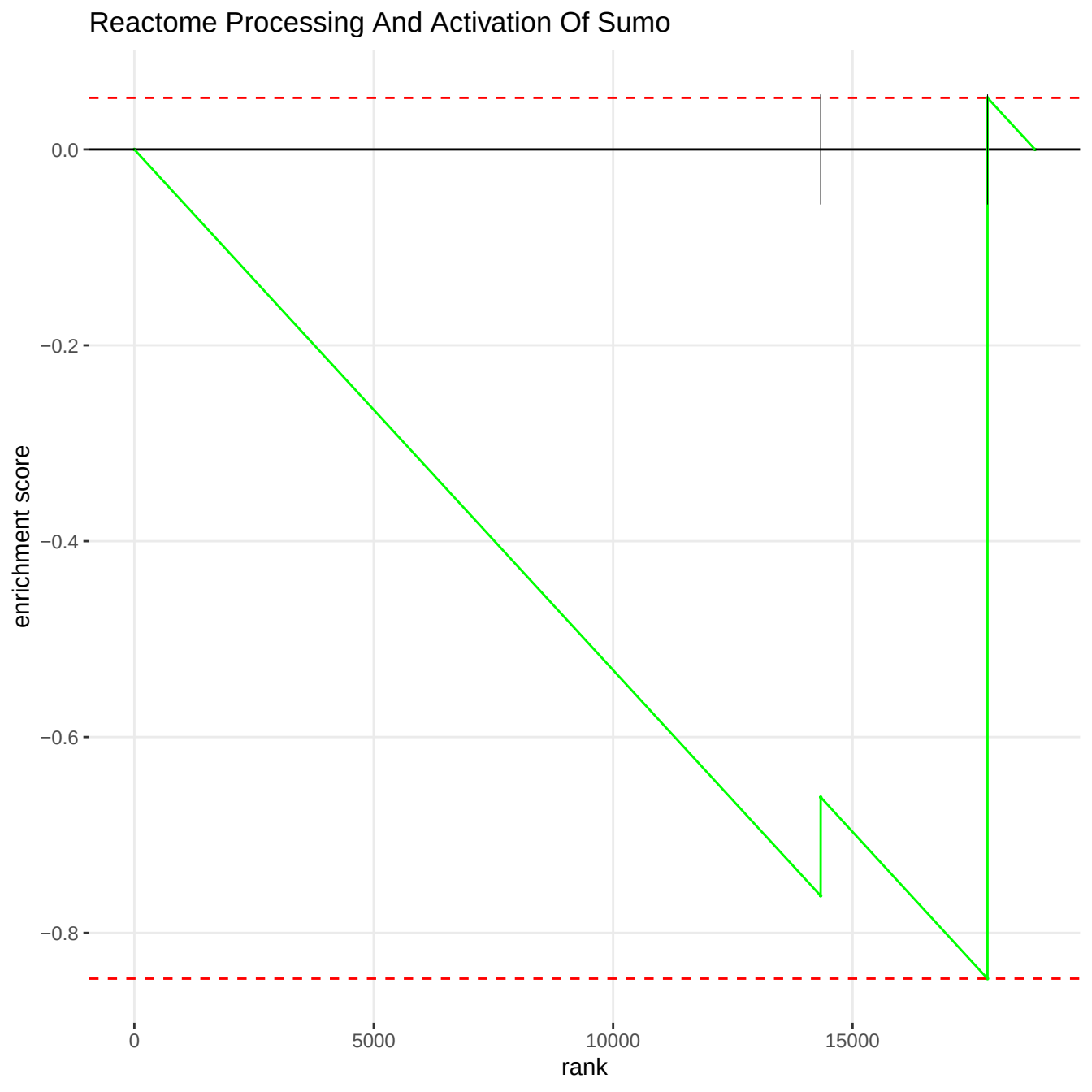

Reactome Polymerase Switching
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

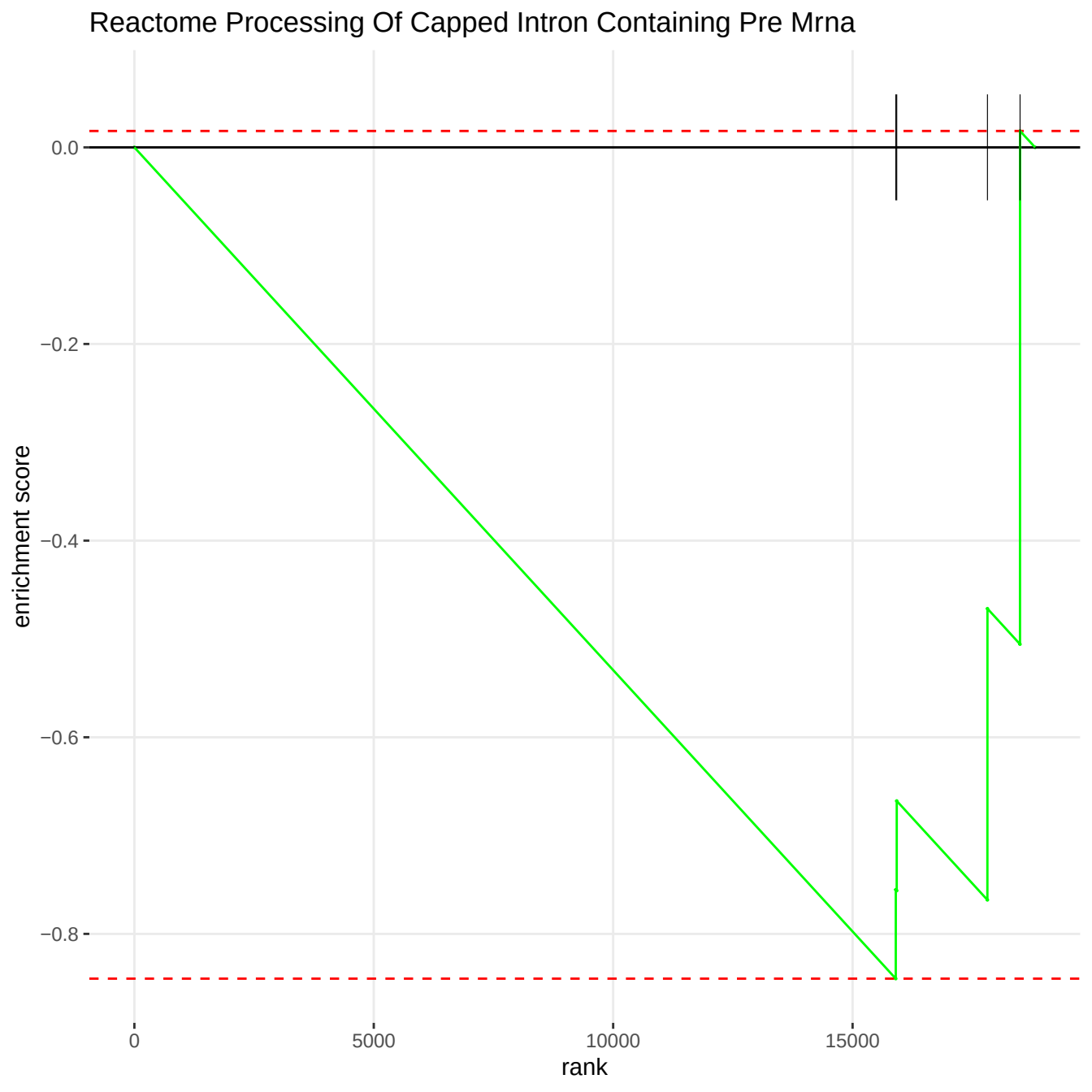

Reactome Polymerase Switching On The C Strand Of The Telomere
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Postmitotic Nuclear Pore Complex Npc Reformation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

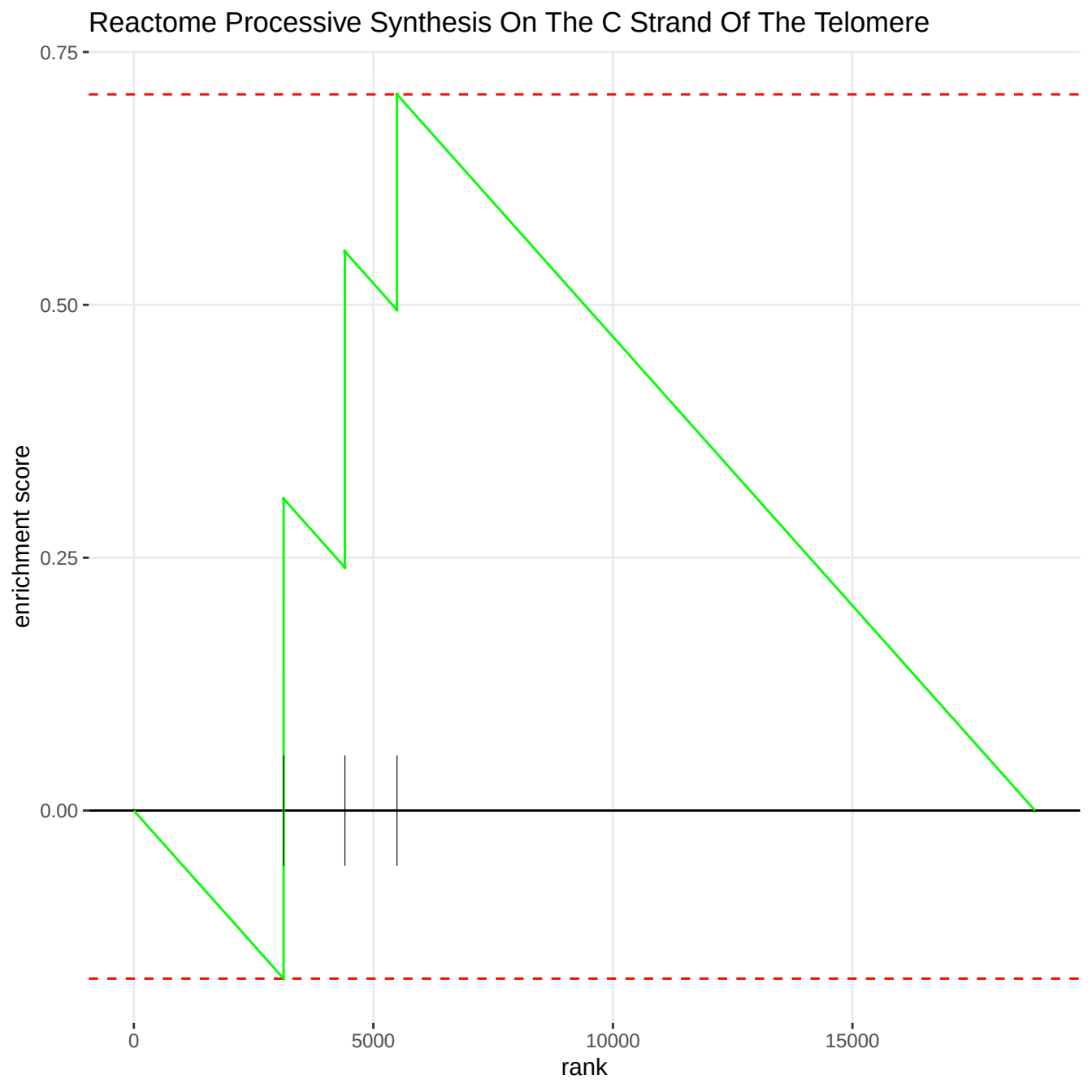
Reactome Post Translational Protein Modification
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Pre Notch Expression And Processing
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Processing And Activation Of Sumo
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

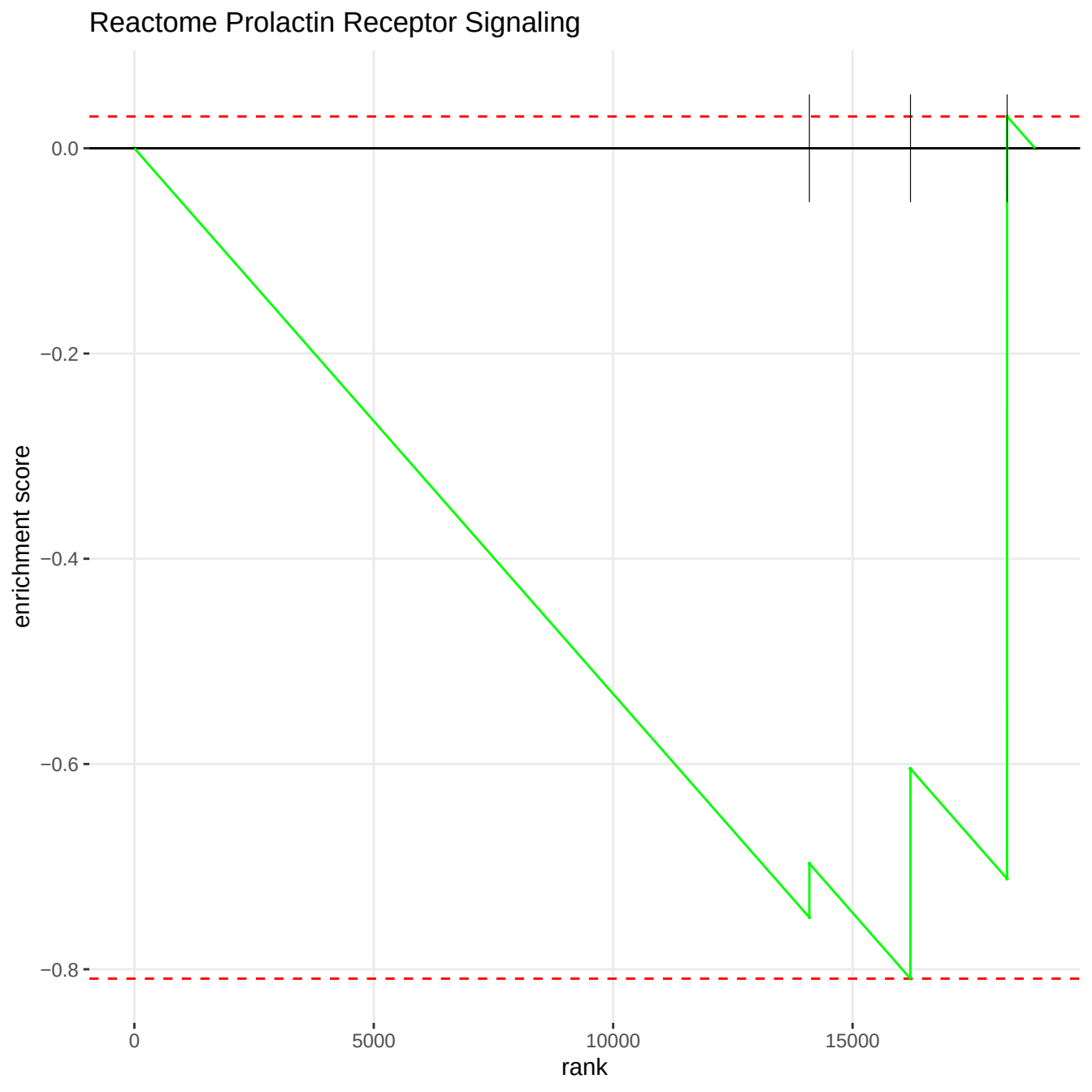

Reactome Processing Of Capped Intron Containing Pre Mrna
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

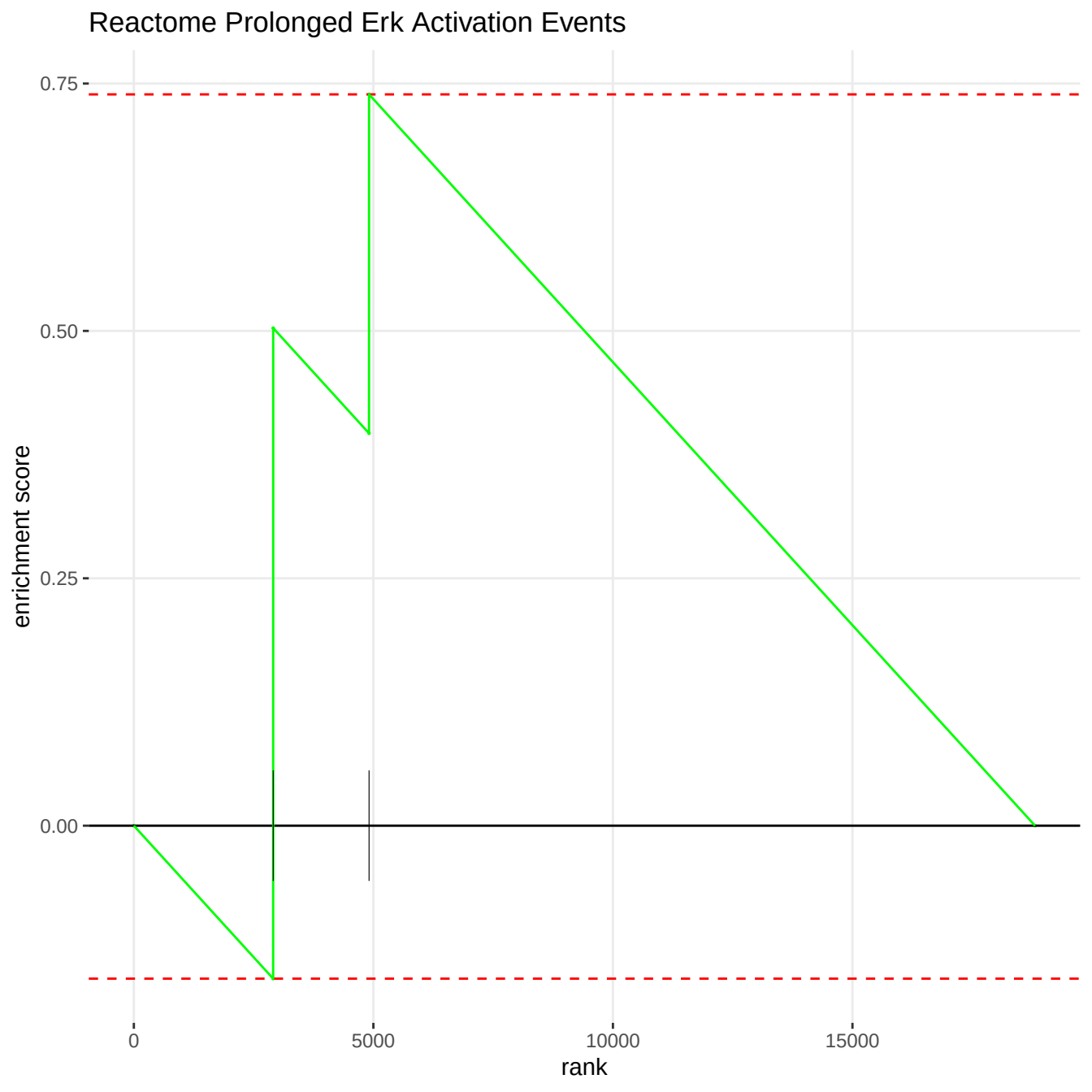
Reactome Processing Of Dna Double Strand Break Ends
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

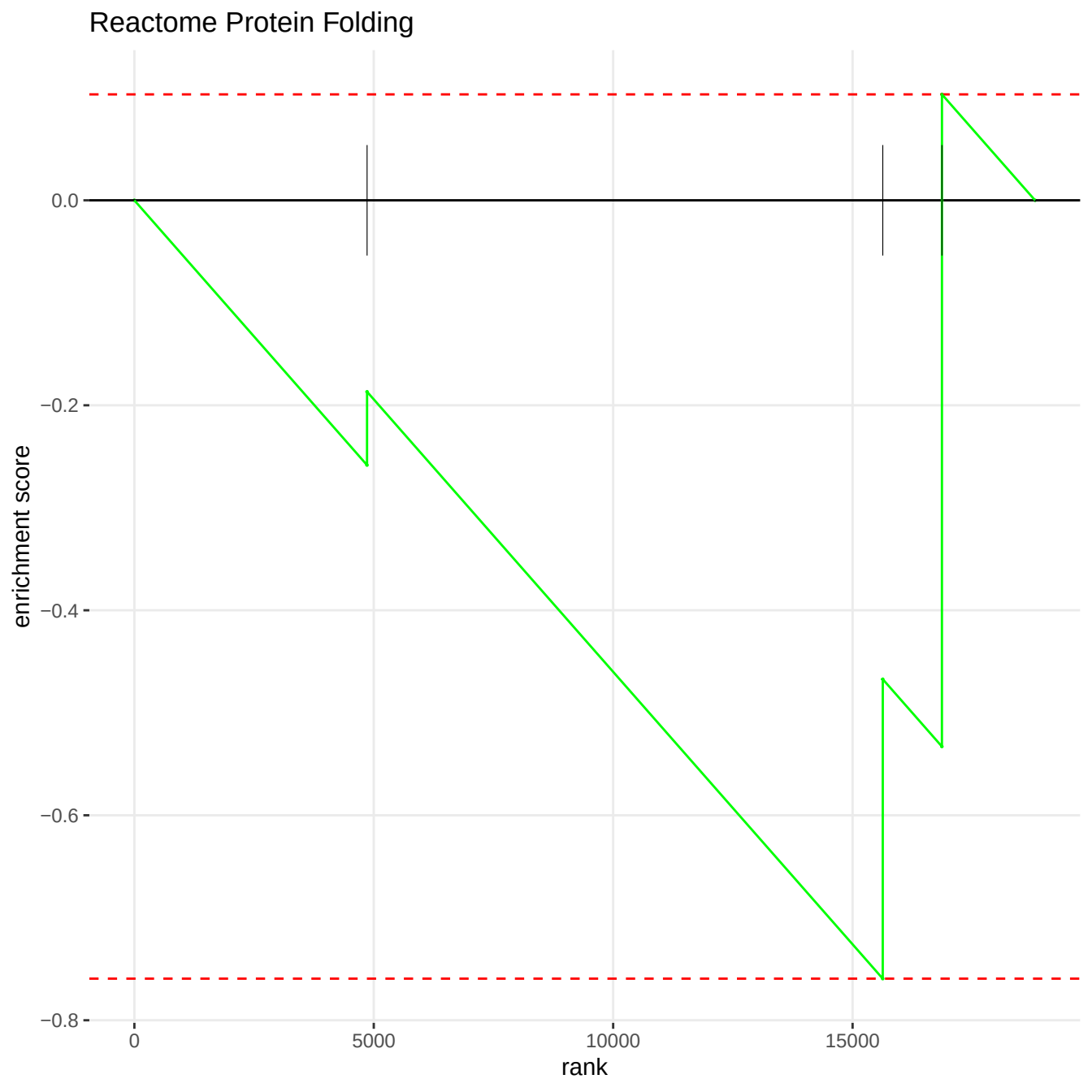

Reactome Processive Synthesis On The C Strand Of The Telomere
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

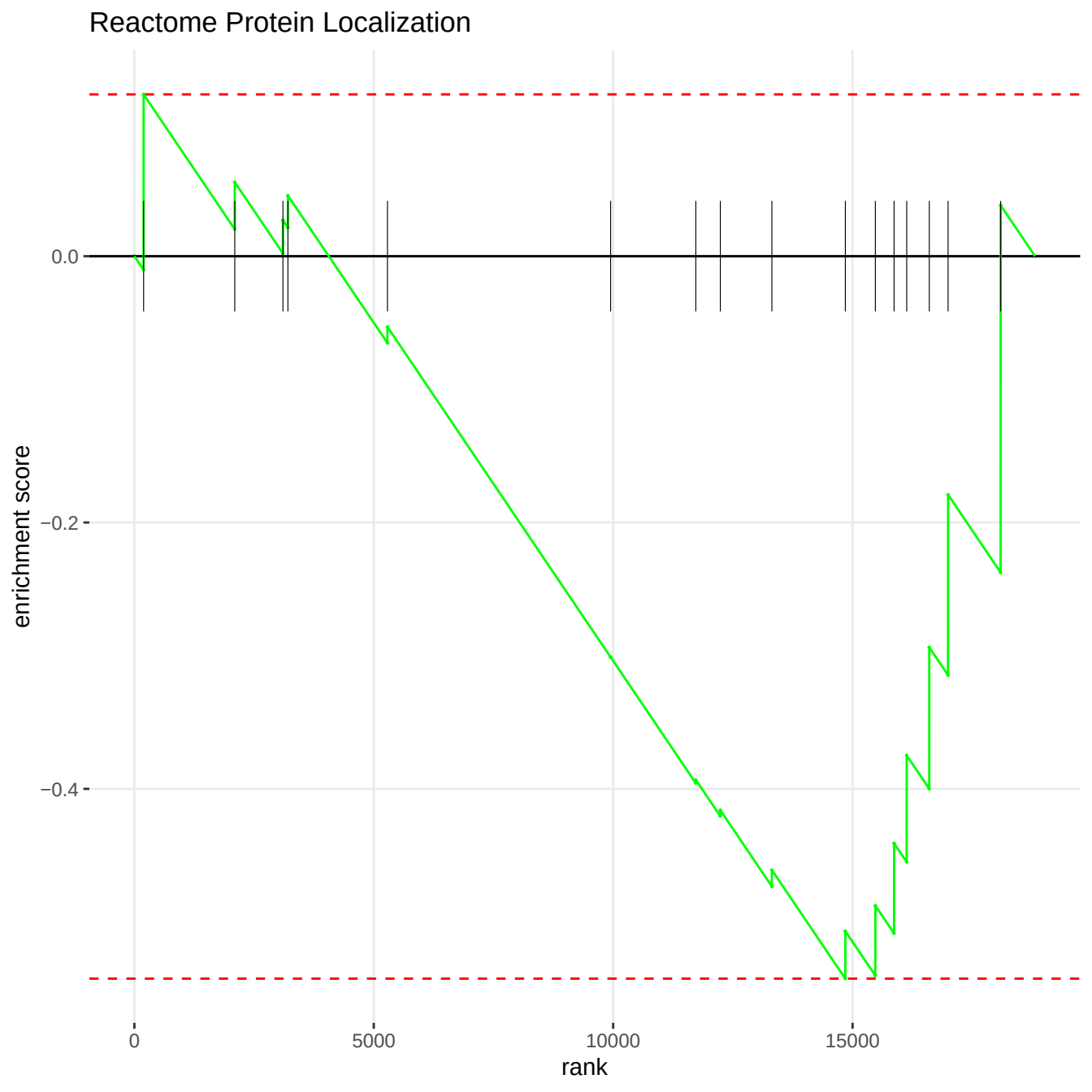
Reactome Processive Synthesis On The Lagging Strand
0.3
0.2
0.1
0.0
−0.1
enrichment score
0
5000
10000
15000
rank

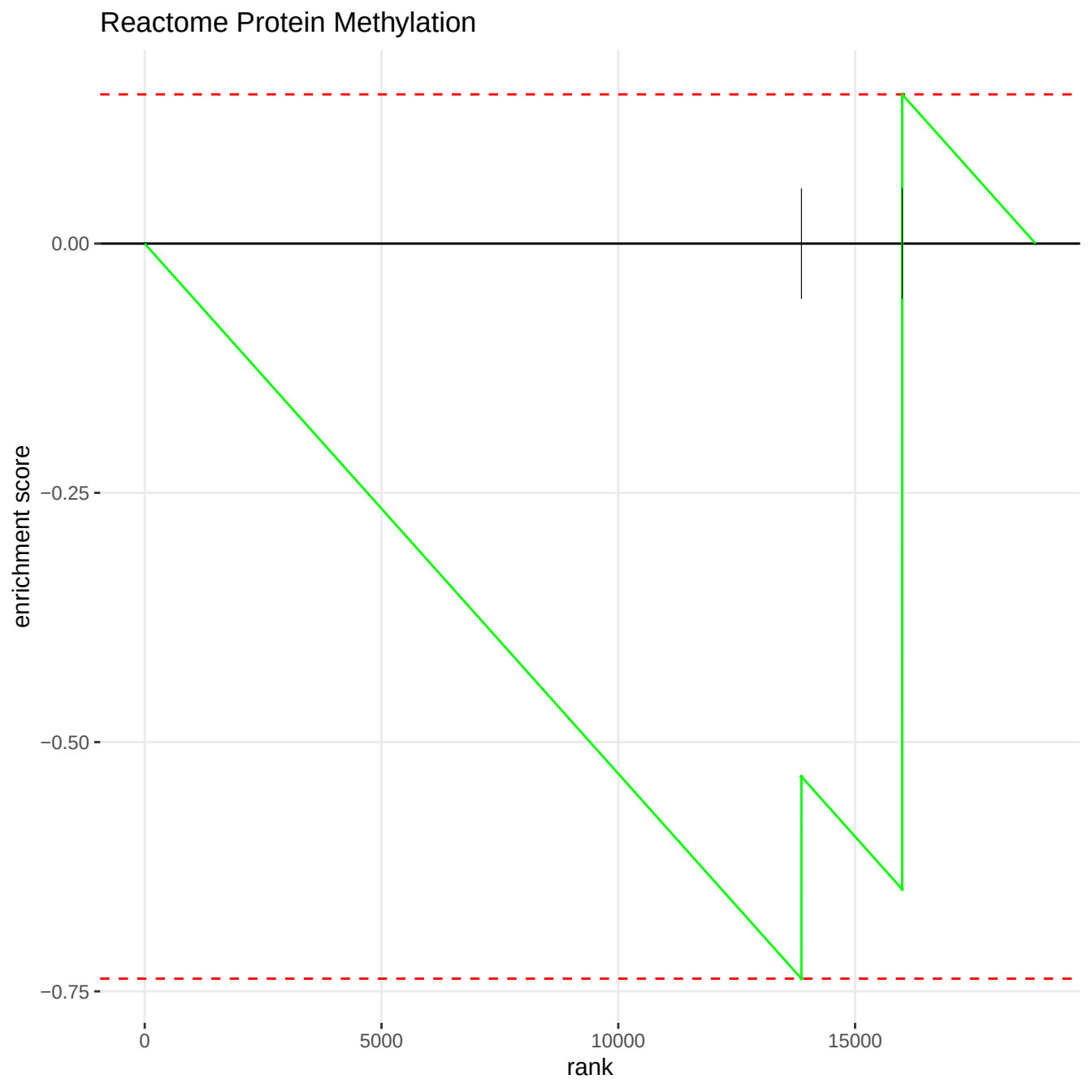
Reactome Programmed Cell Death
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

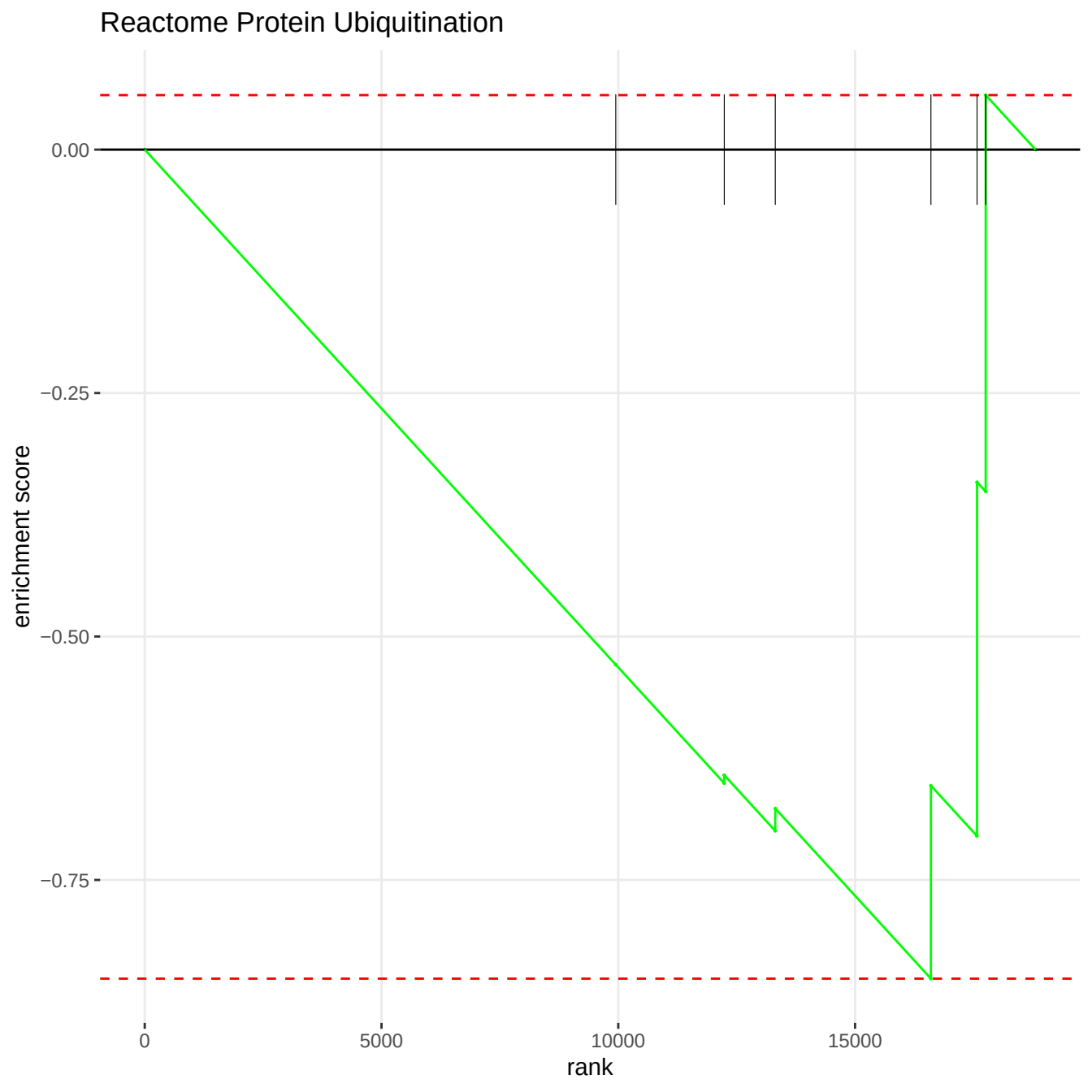

Reactome Prolactin Receptor Signaling
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

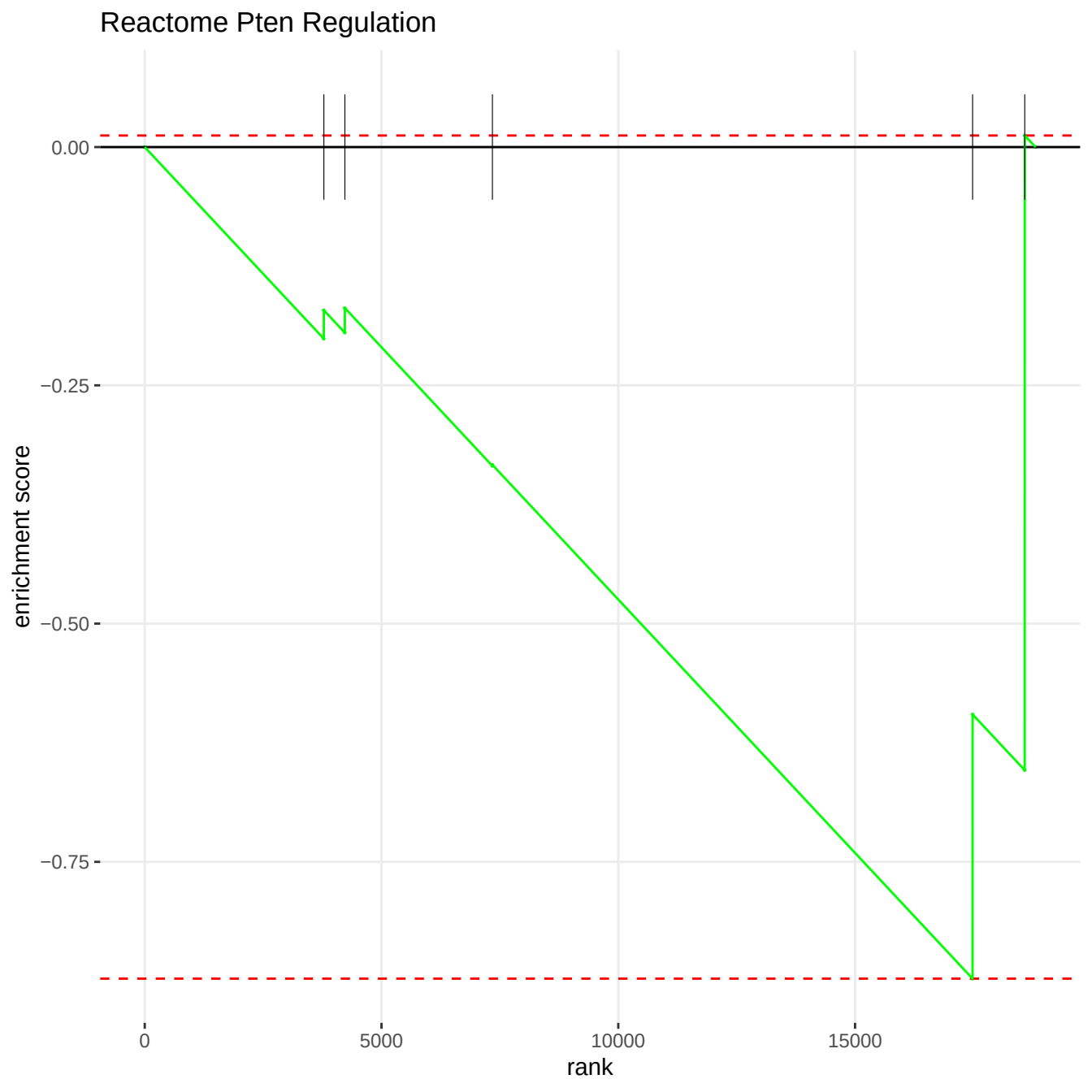

Reactome Prolonged Erk Activation Events
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

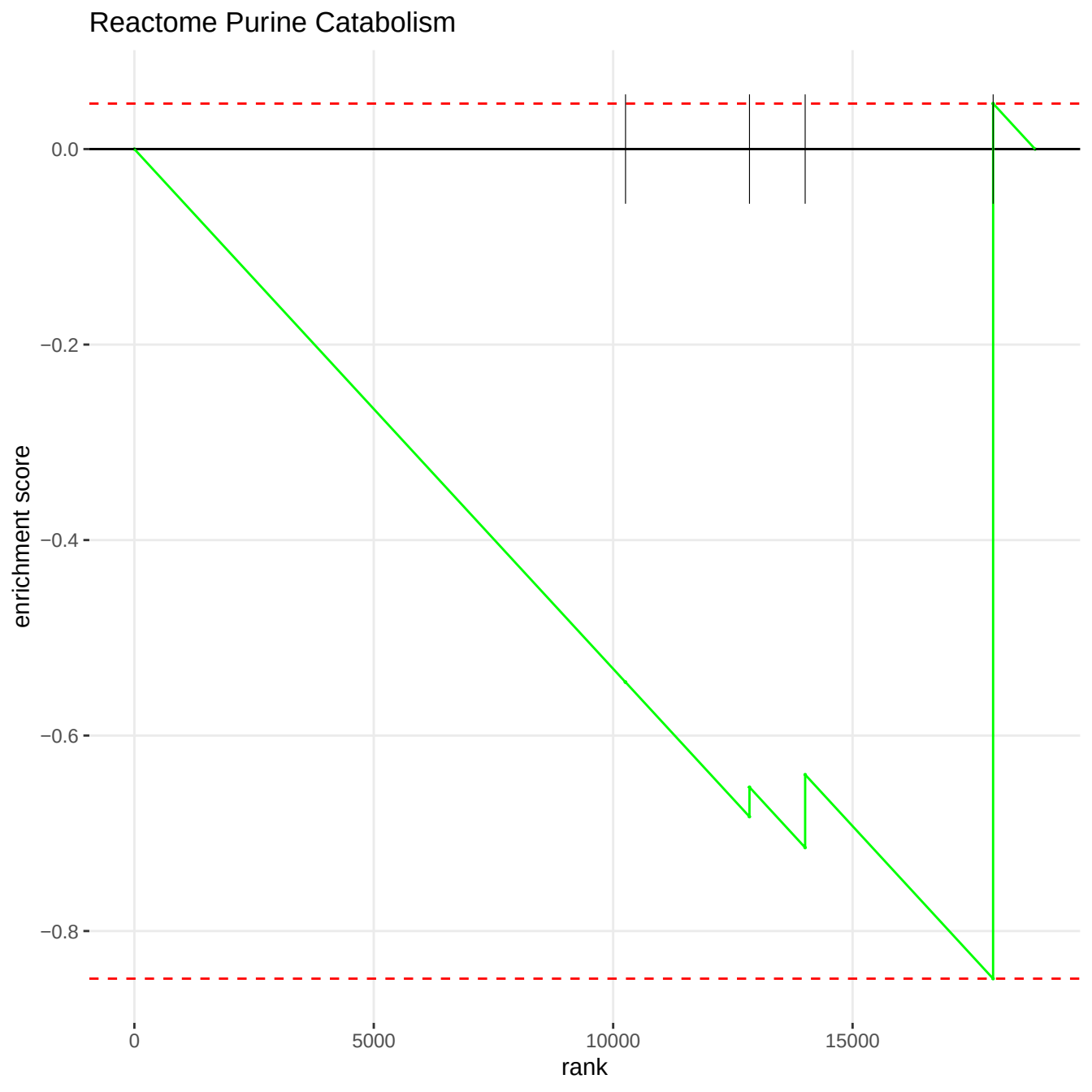

Reactome Protein Folding
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

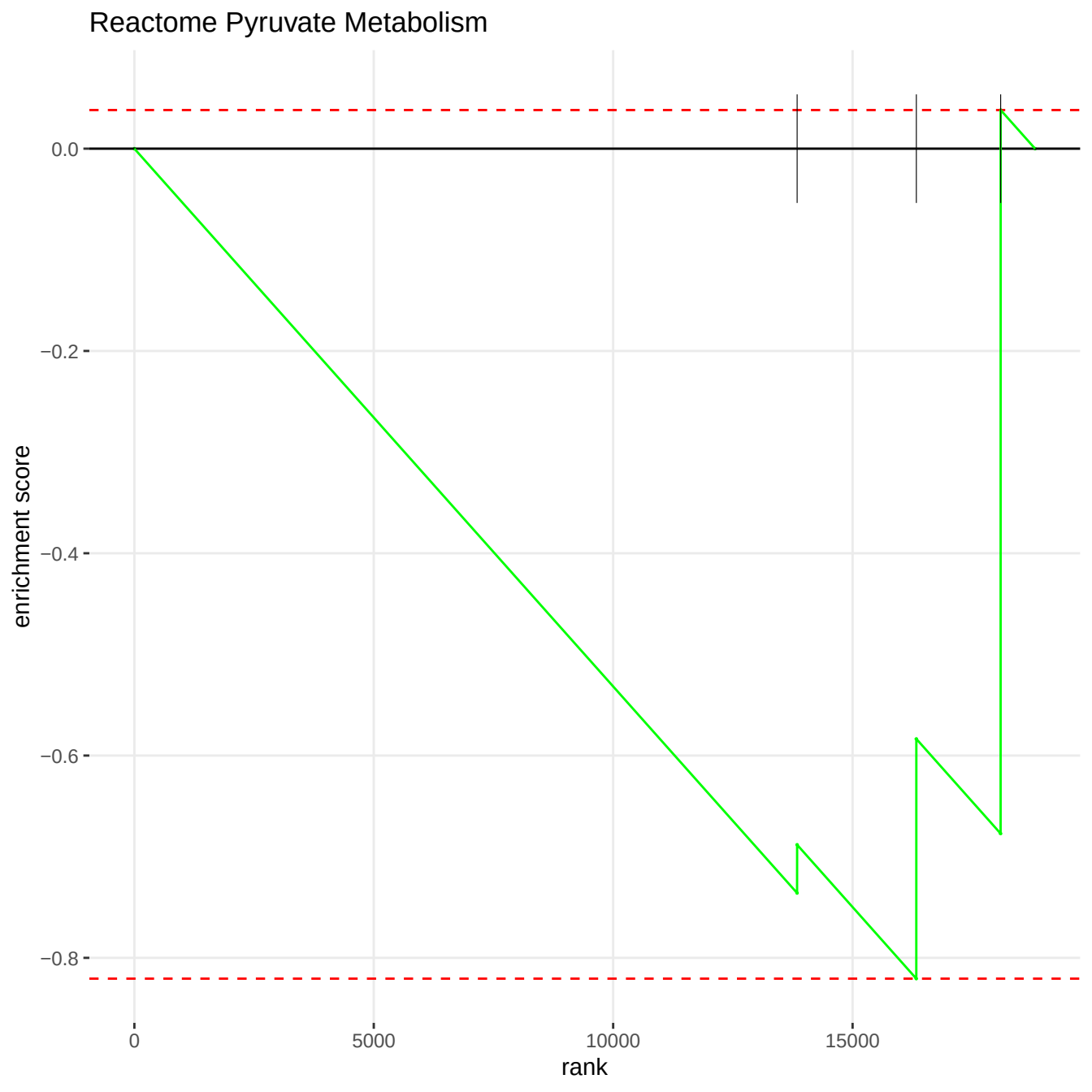

Reactome Protein Localization
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

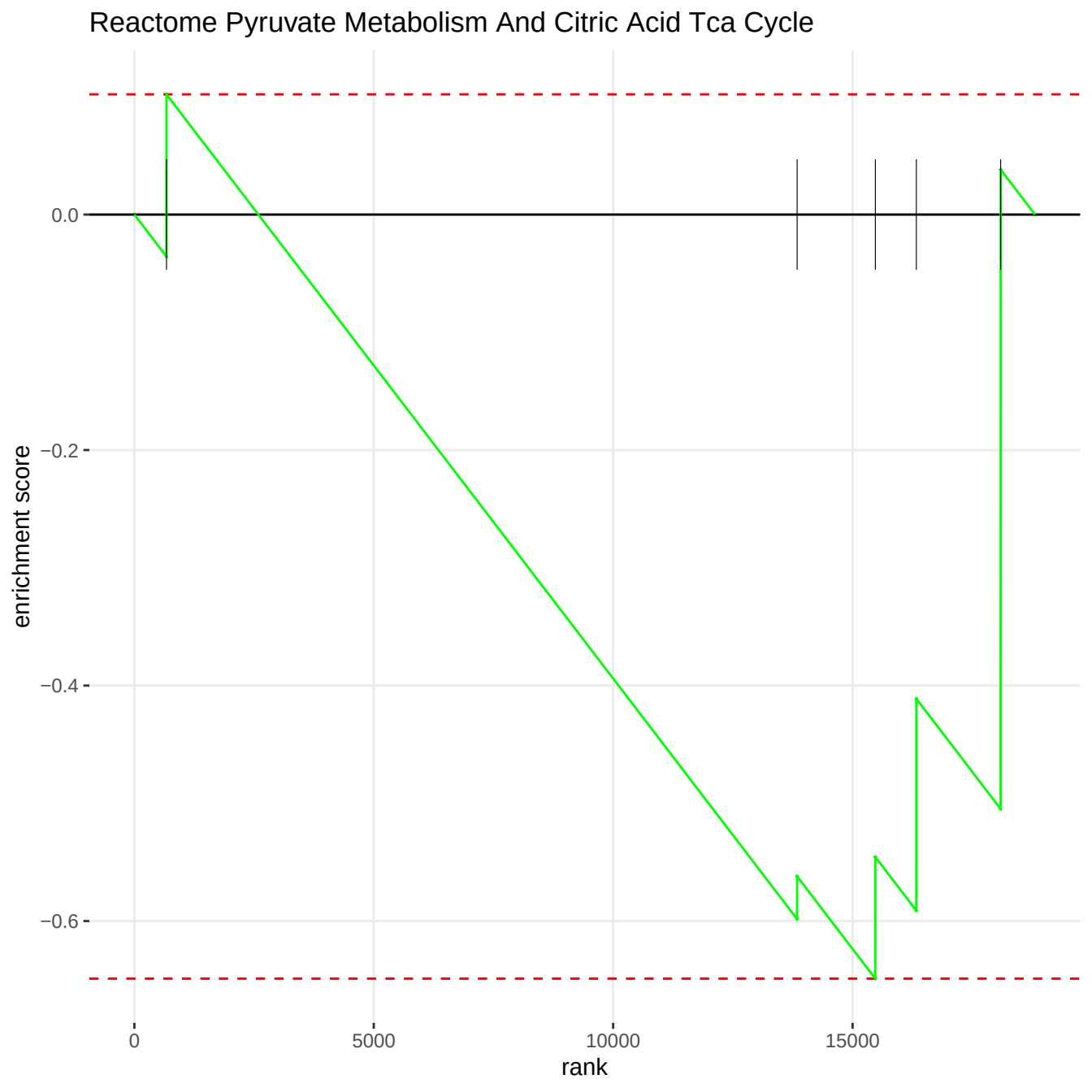

Reactome Protein Methylation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

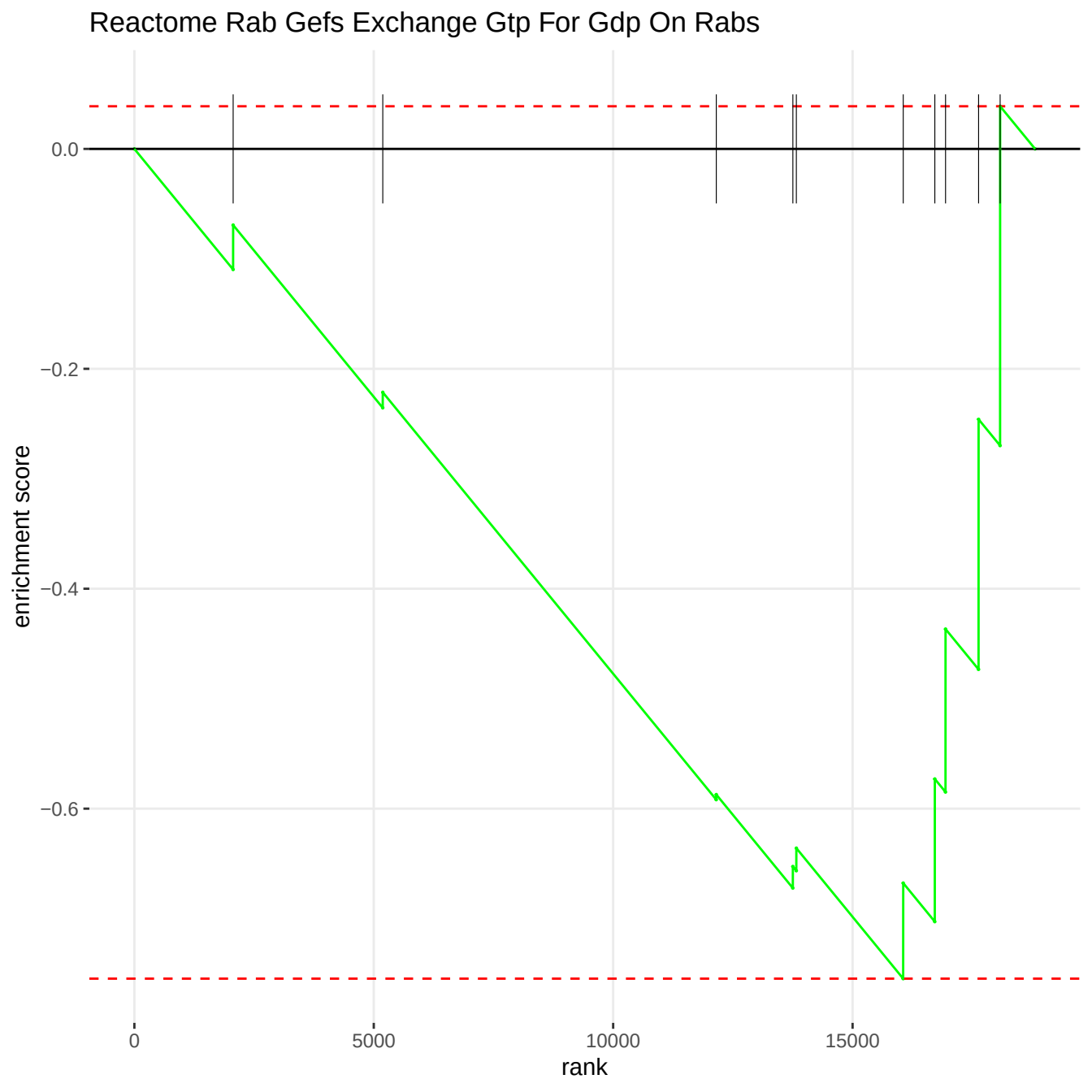

Reactome Protein Ubiquitination
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Pten Regulation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Purine Catabolism
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

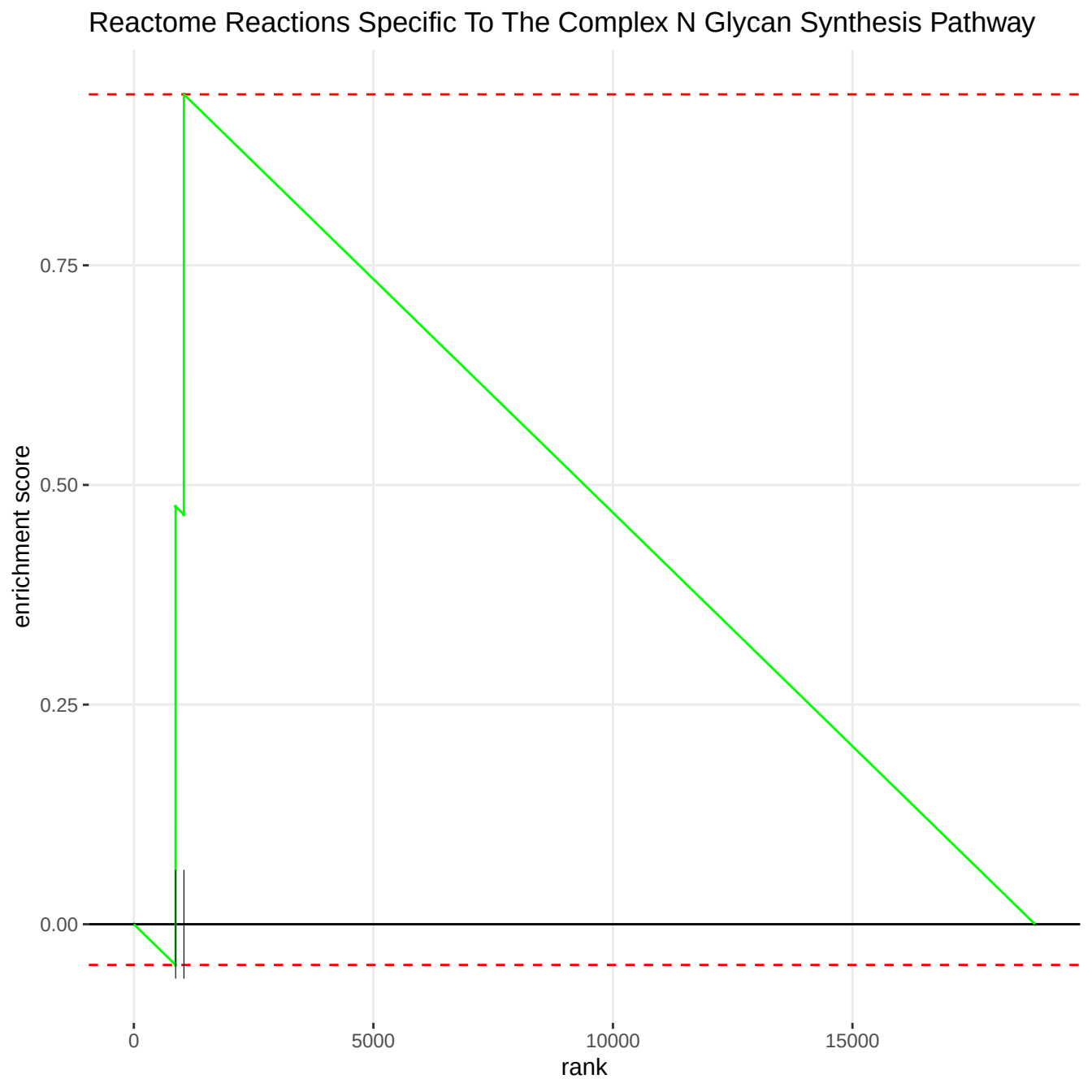

Reactome Pyruvate Metabolism
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Pyruvate Metabolism And Citric Acid Tca Cycle
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

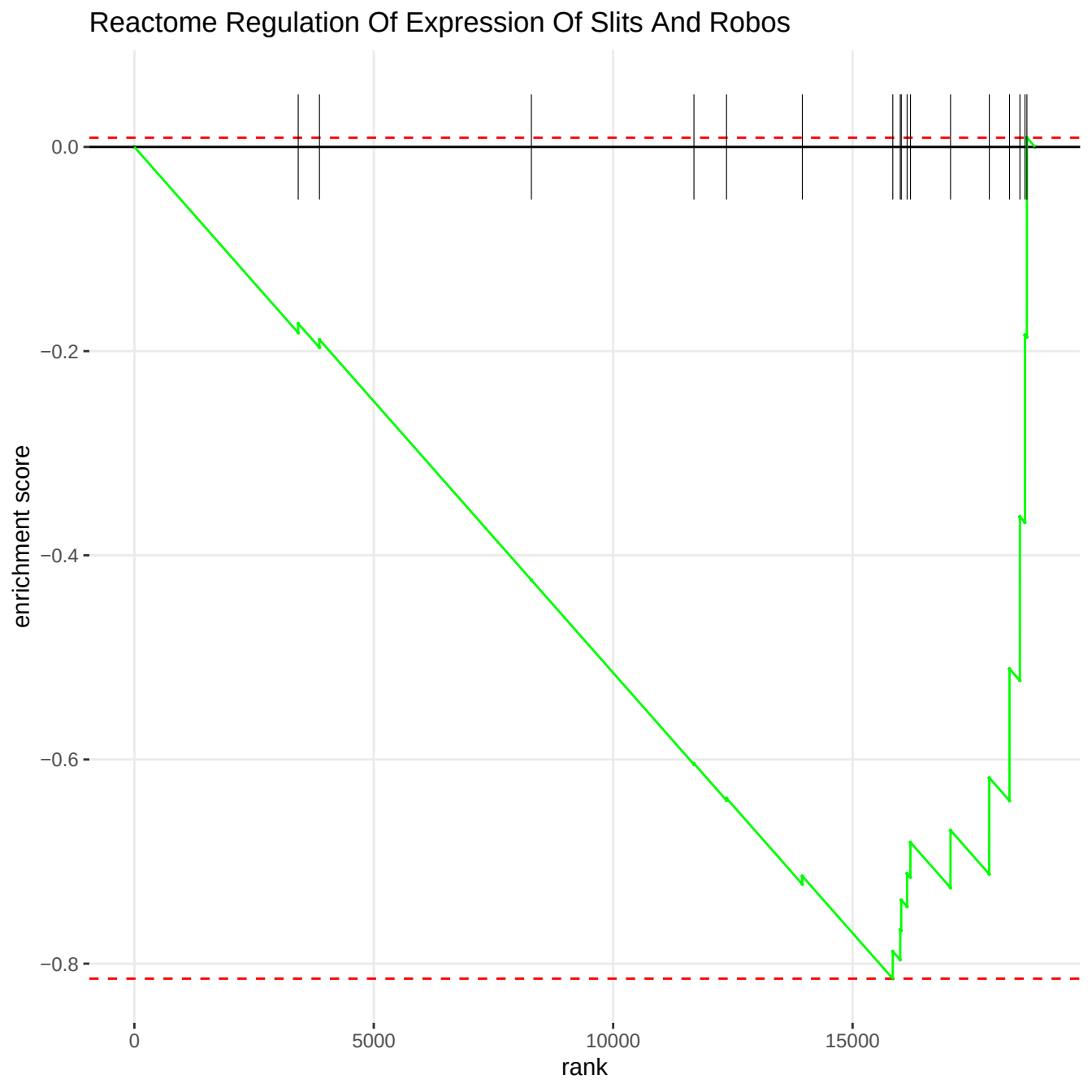

Reactome Rab Gefs Exchange Gtp For Gdp On Rabs
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

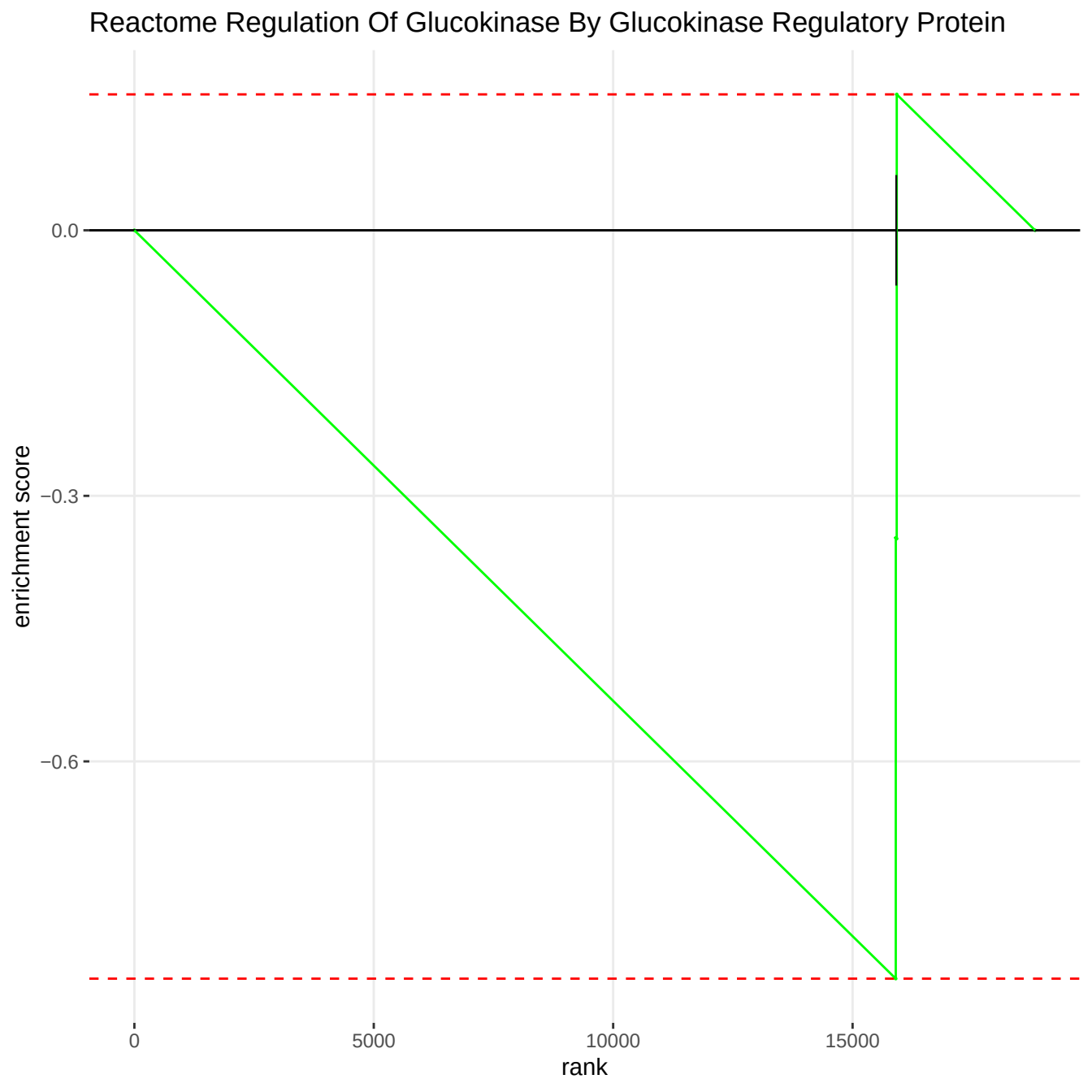
Reactome Rab Geranylgeranylation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

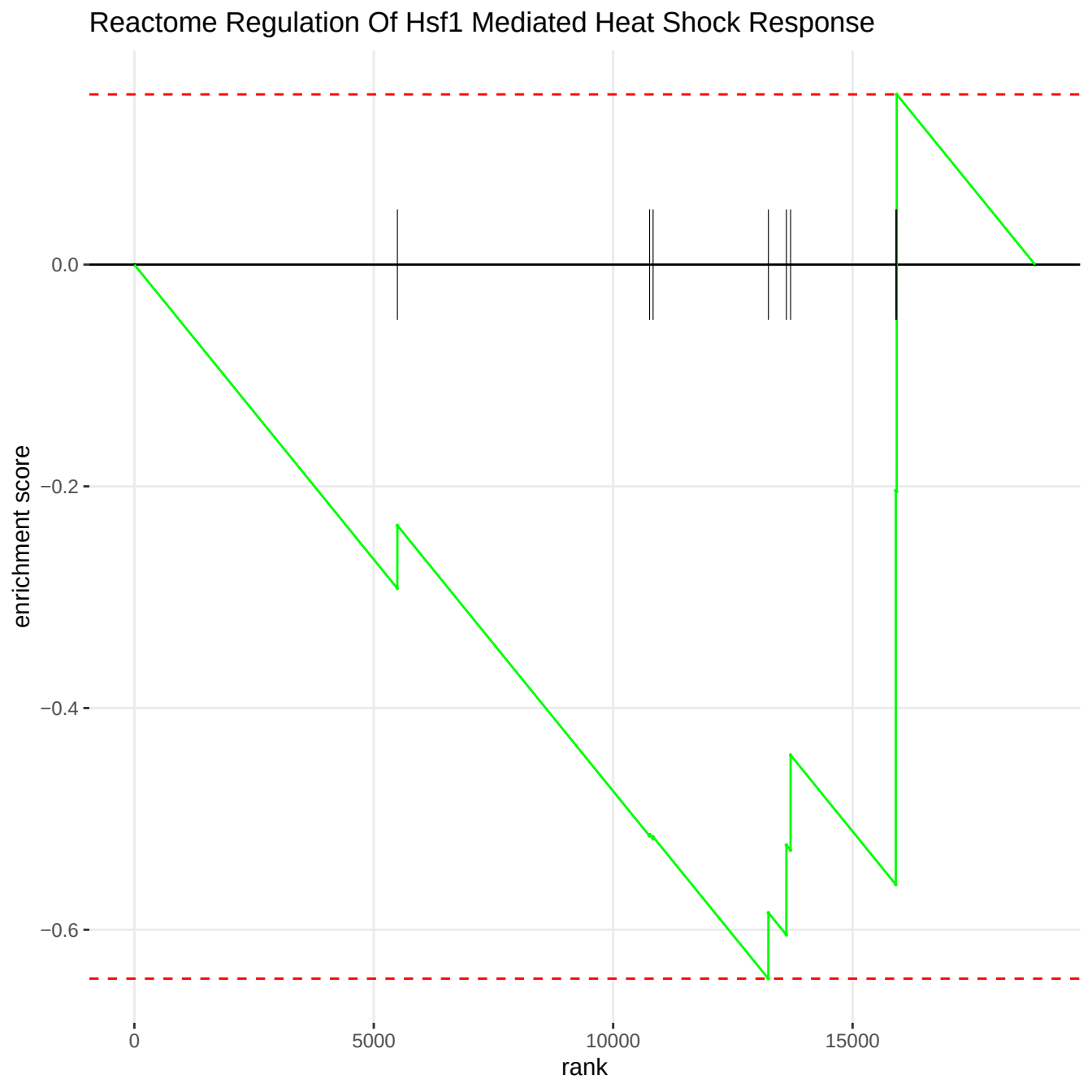
Reactome Rab Regulation Of Trafficking
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

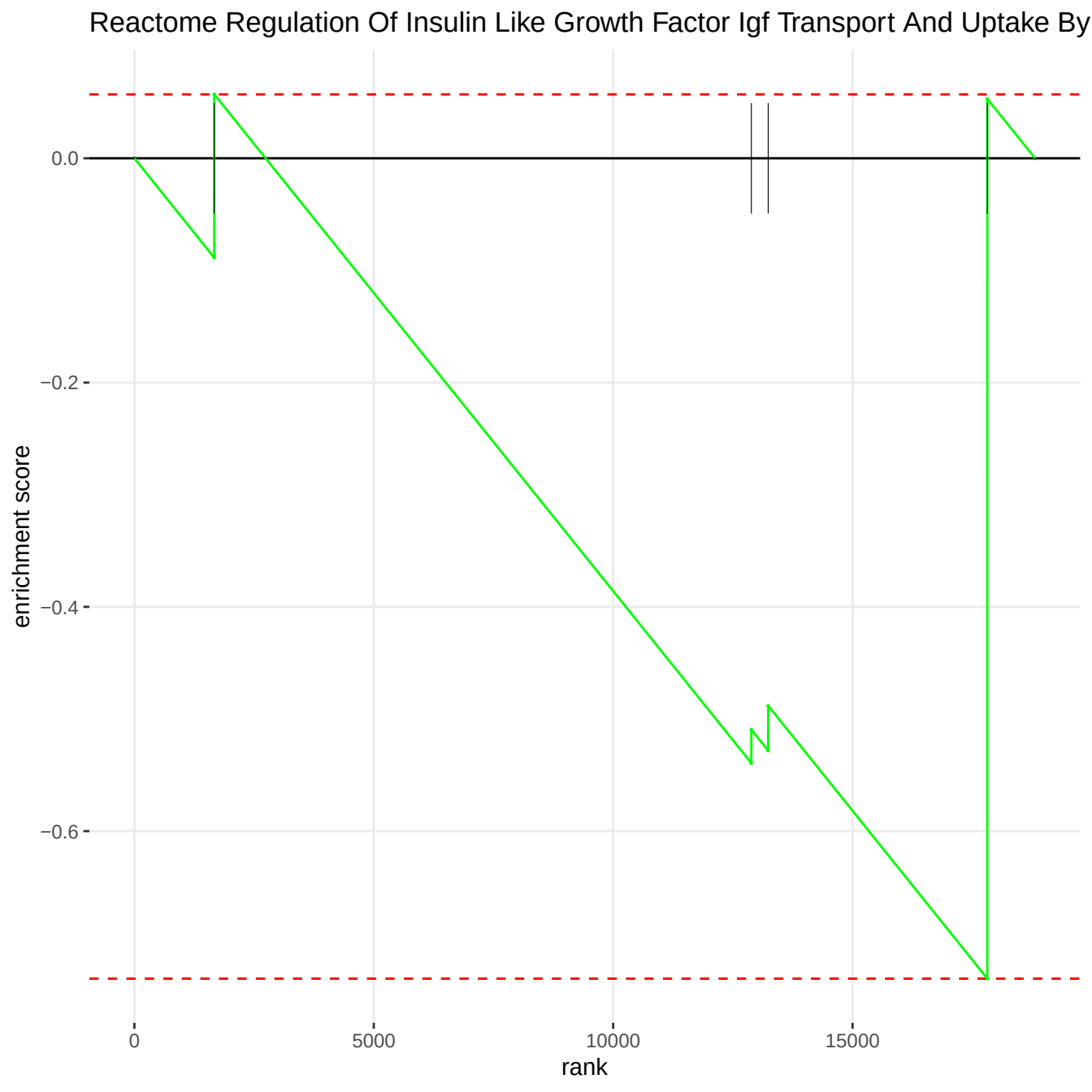

Reactome Reactions Specific To The Complex N Glycan Synthesis Pathway
enrichment score
0.75
0.50
0.25
0.00
0
5000
10000
15000
rank

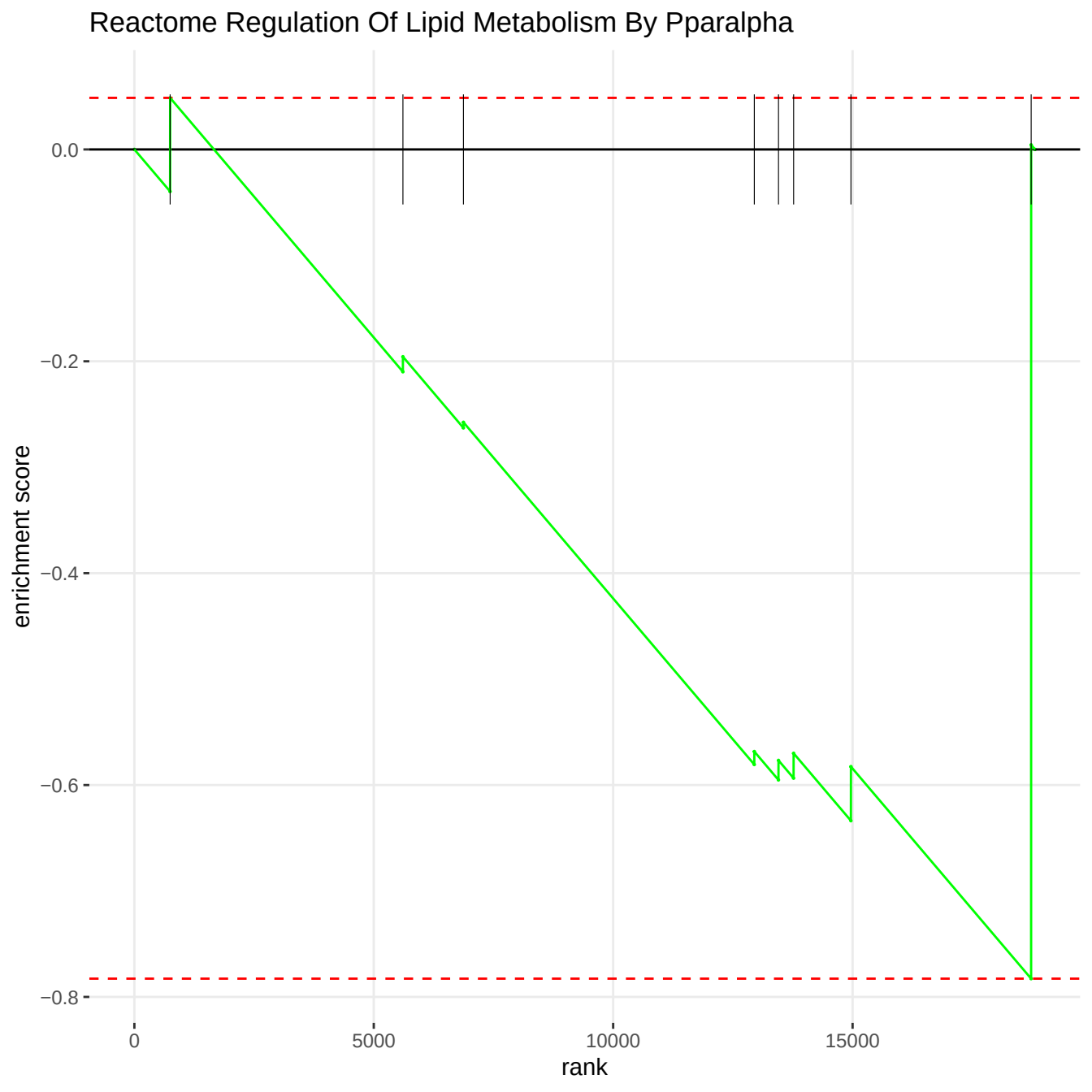
Reactome Recognition Of Dna Damage By Pcna Containing Replication Comple
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

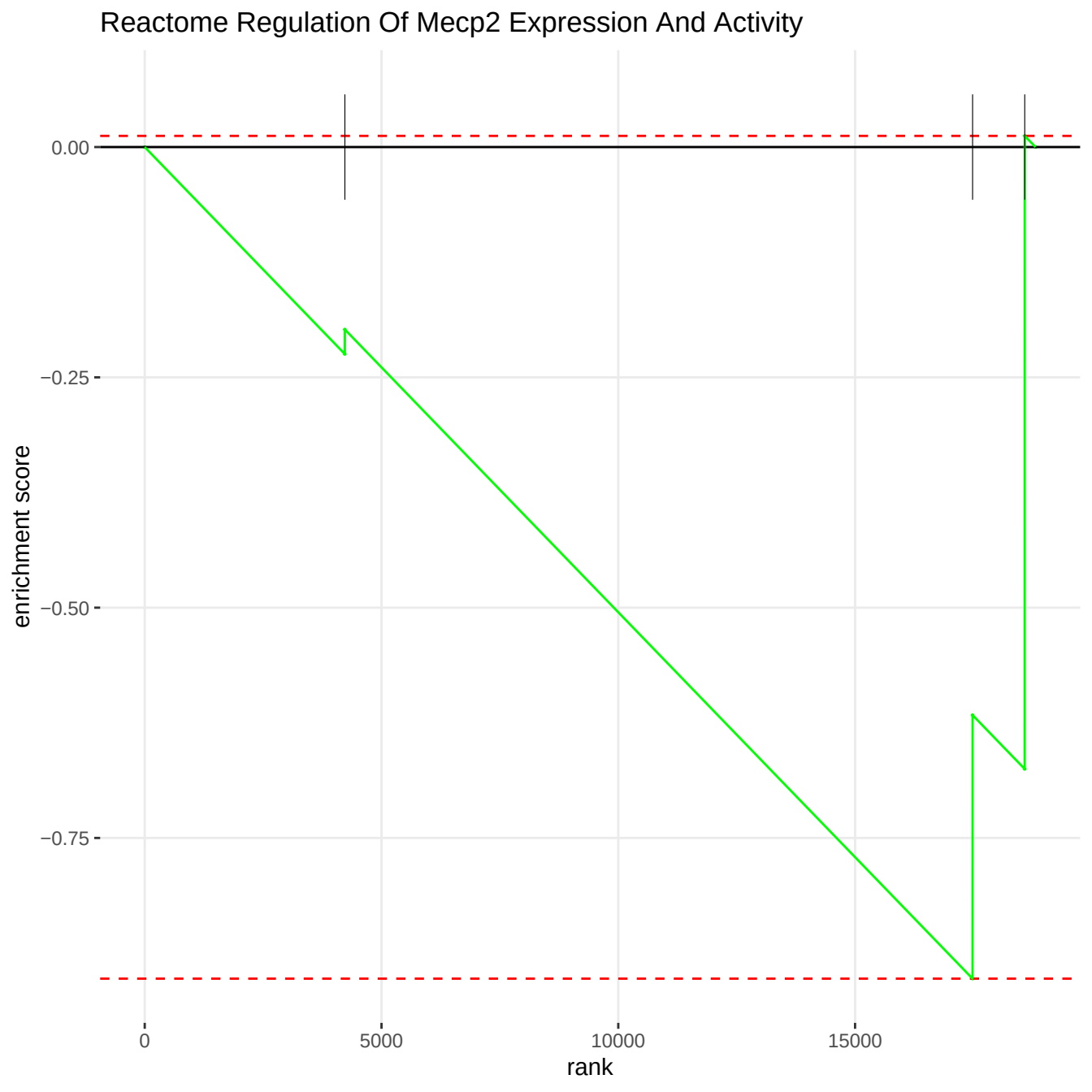

Reactome Regulation Of Expression Of Slits And Robos
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Regulation Of Glucokinase By Glucokinase Regulatory Protein
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

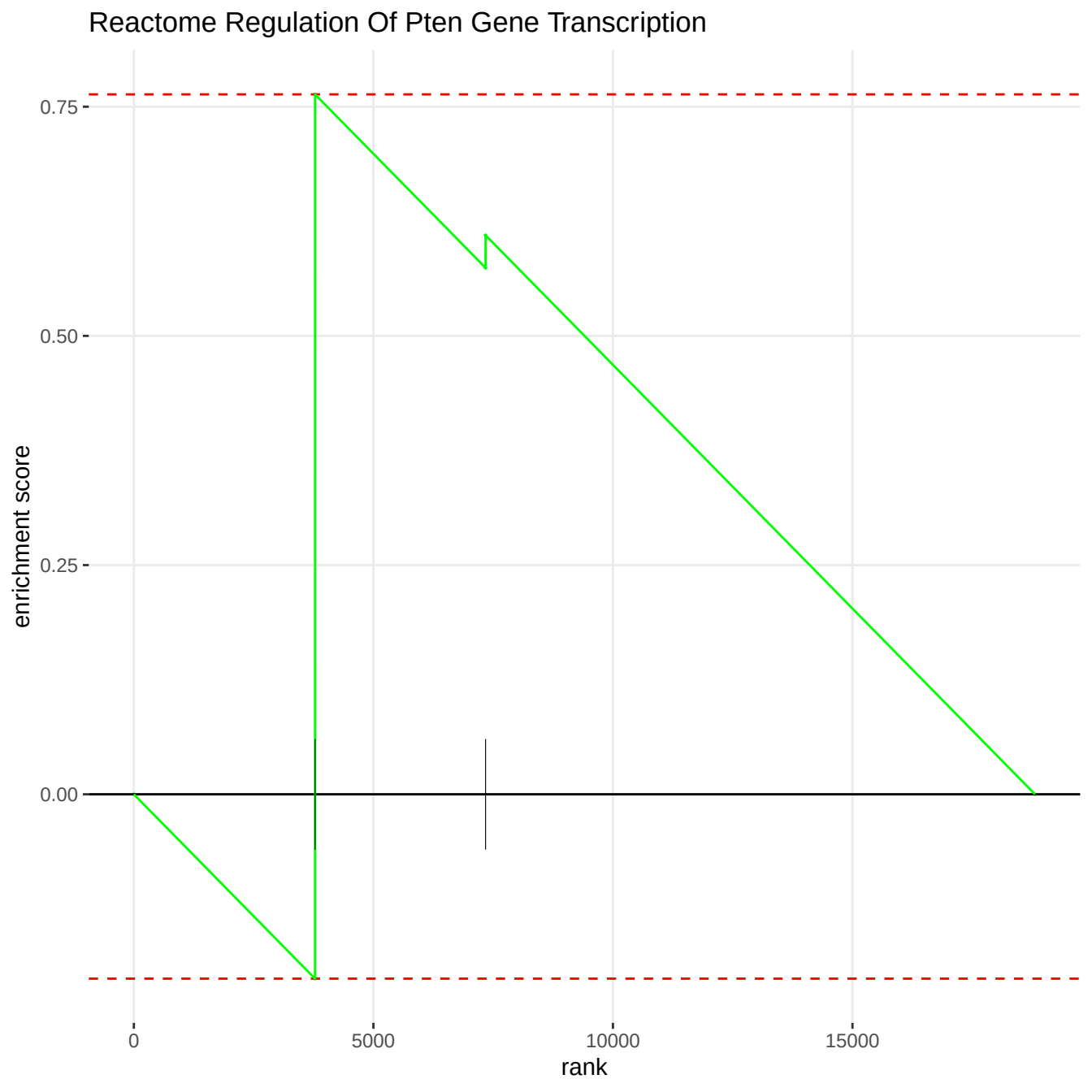

Reactome Regulation Of Hsf1 Mediated Heat Shock Response
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

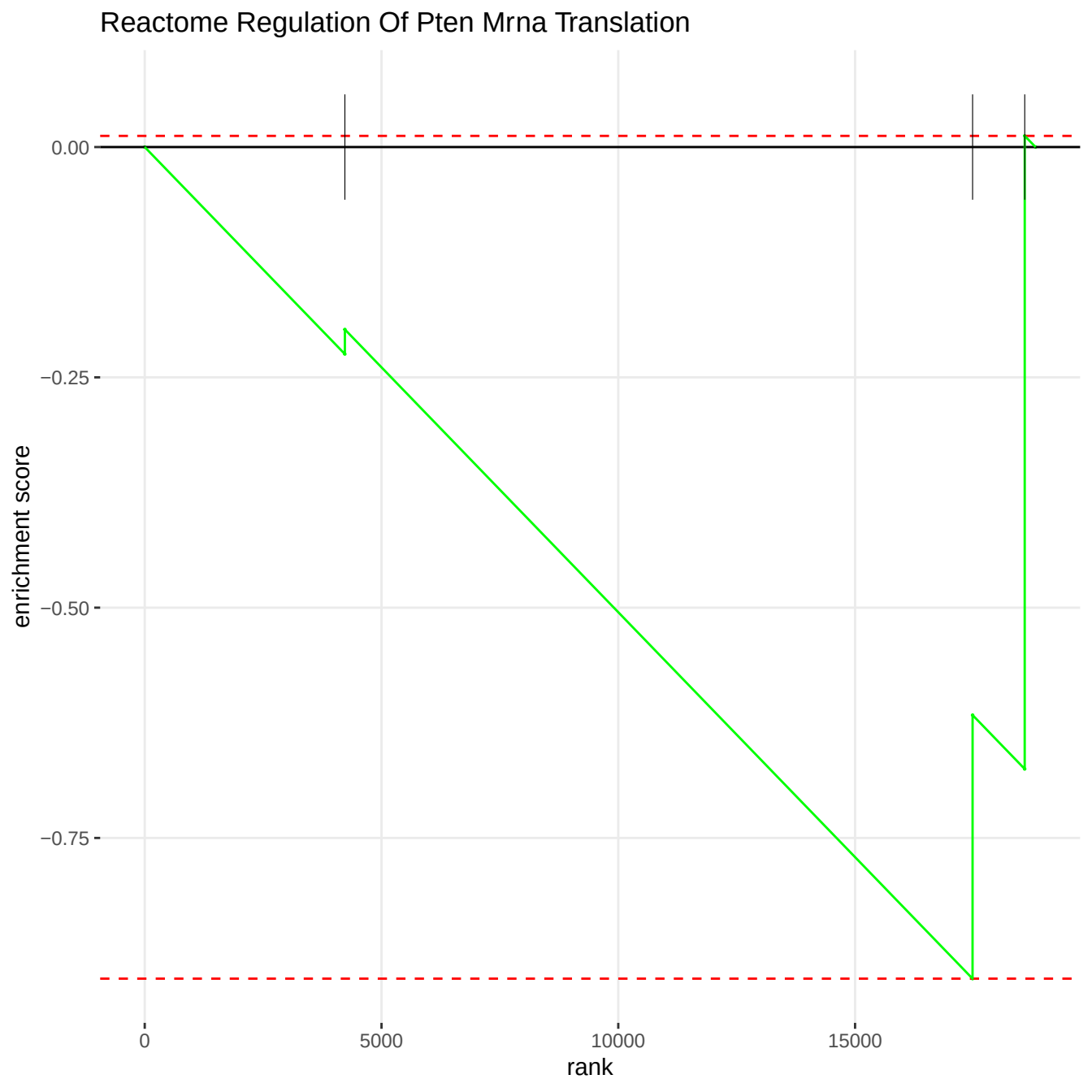

Reactome Regulation Of Insulin Like Growth Factor Igf Transport And Uptake By
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

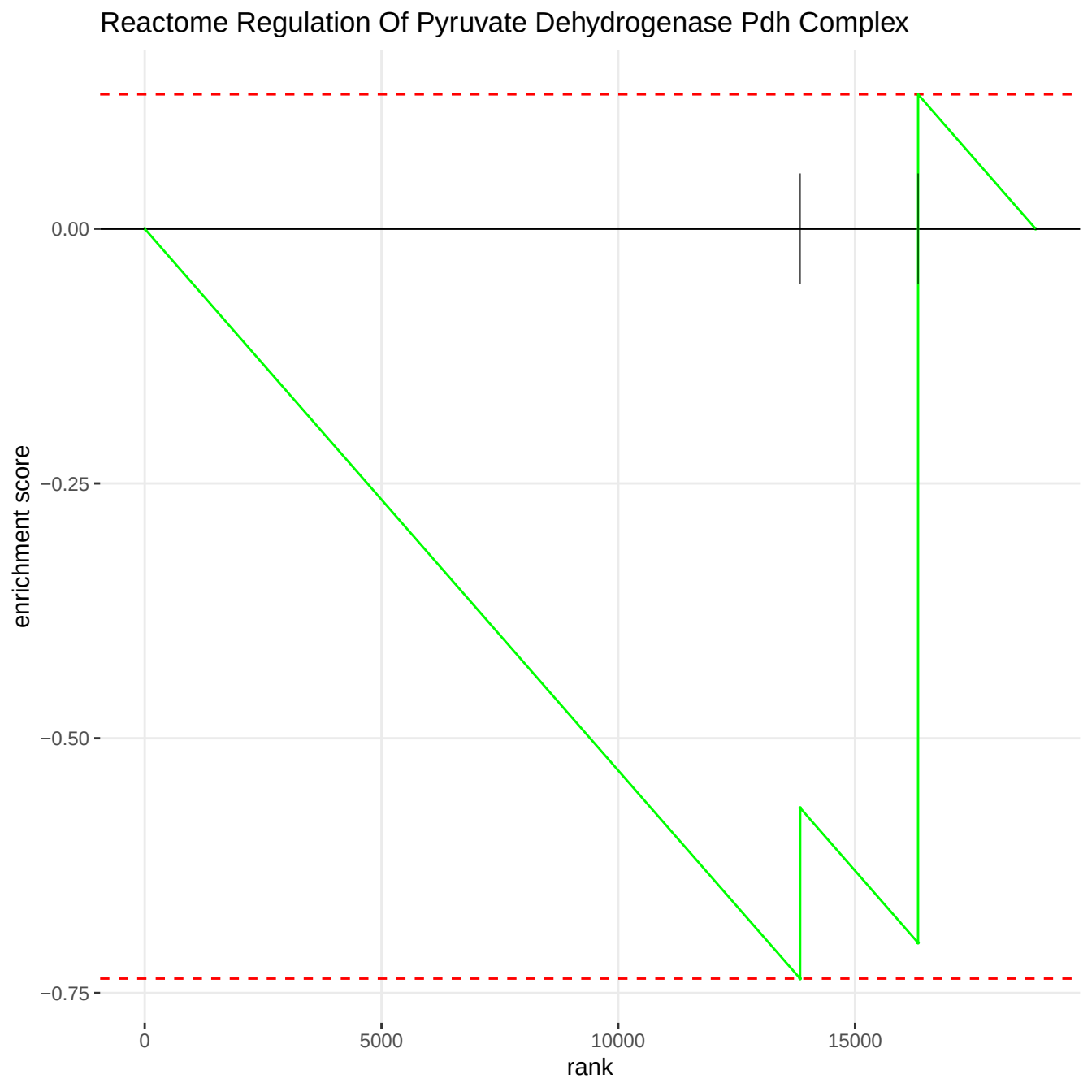

Reactome Regulation Of Lipid Metabolism By Pparalpha
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

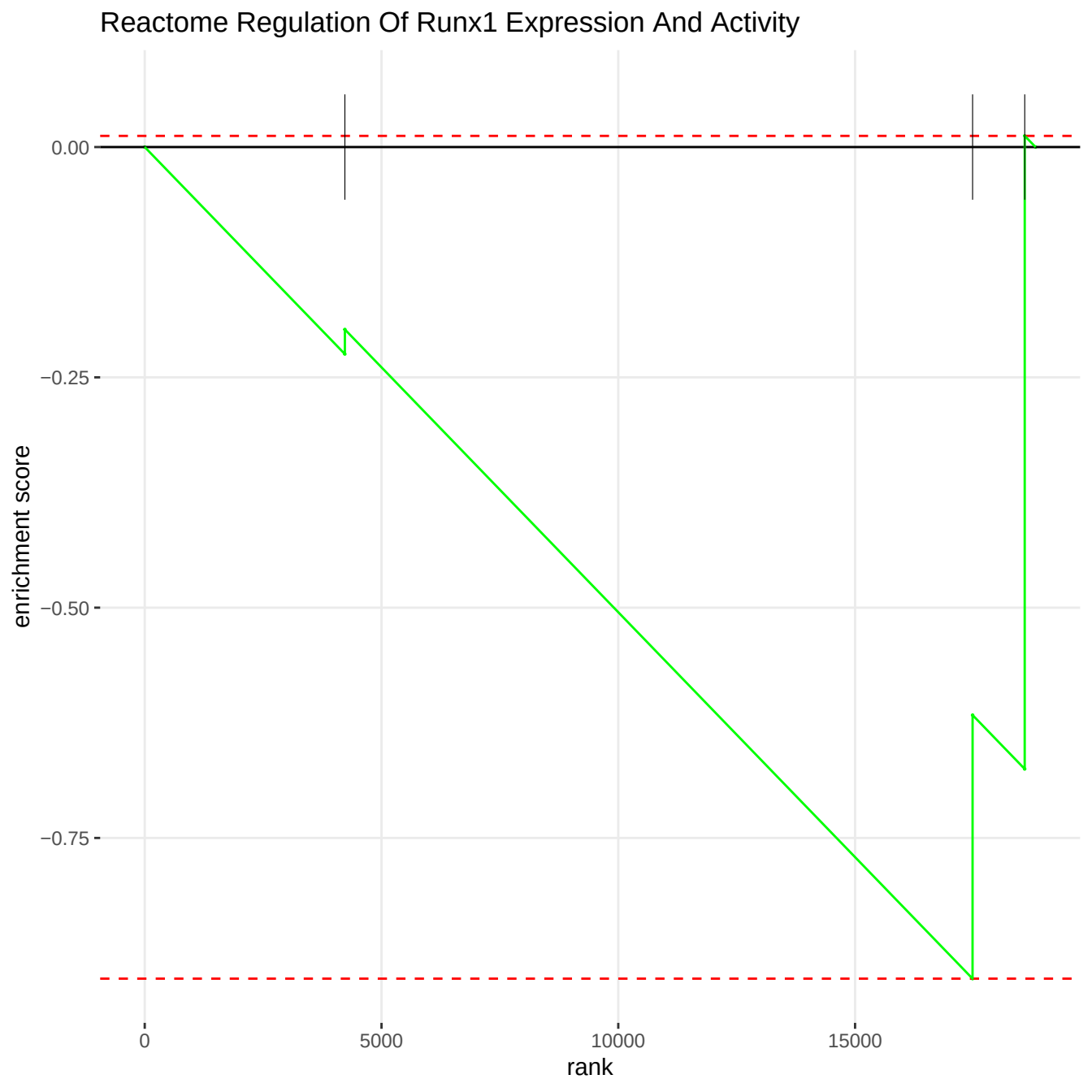

Reactome Regulation Of Mecp2 Expression And Activity
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

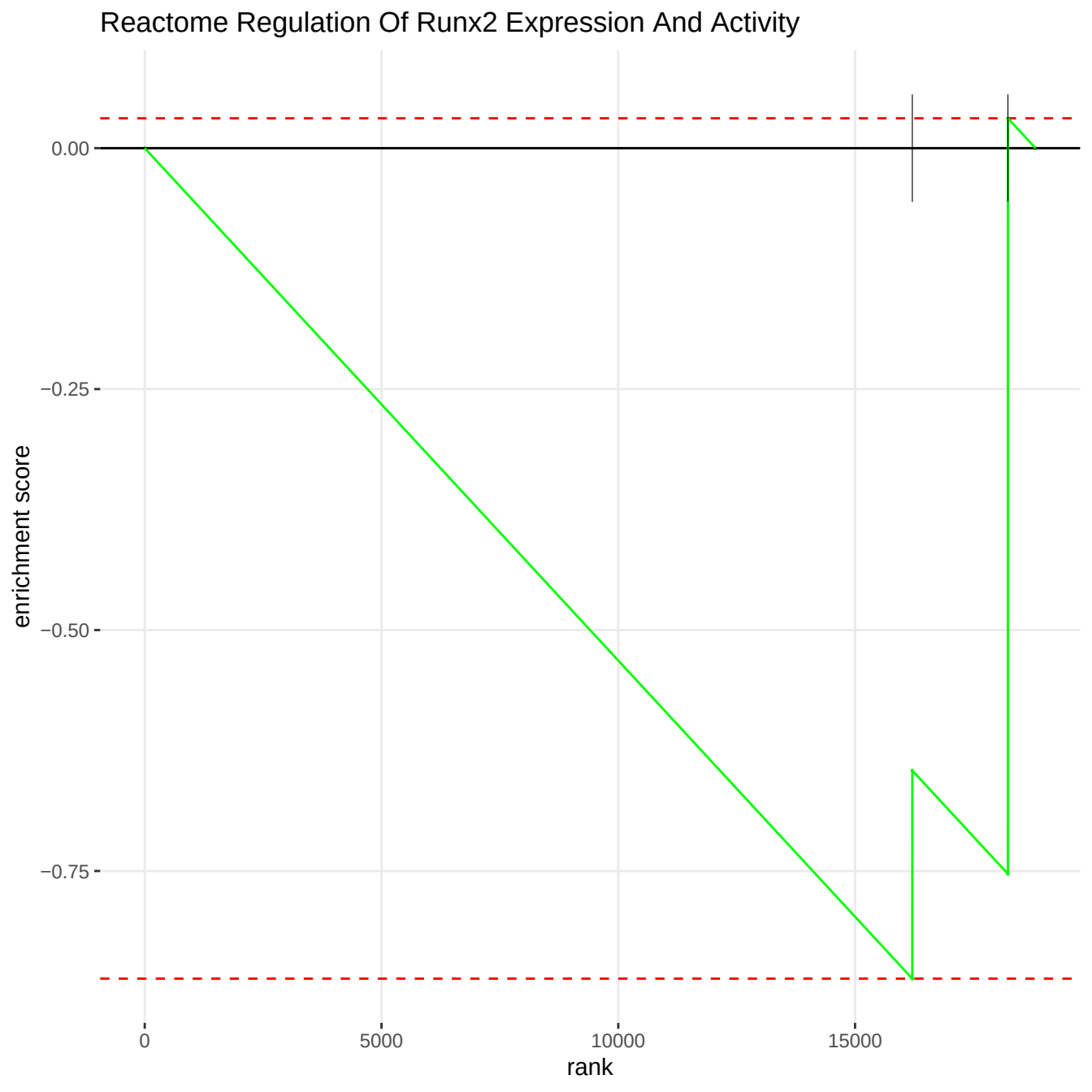
Reactome Regulation Of Plk1 Activity At G2 M Transition
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

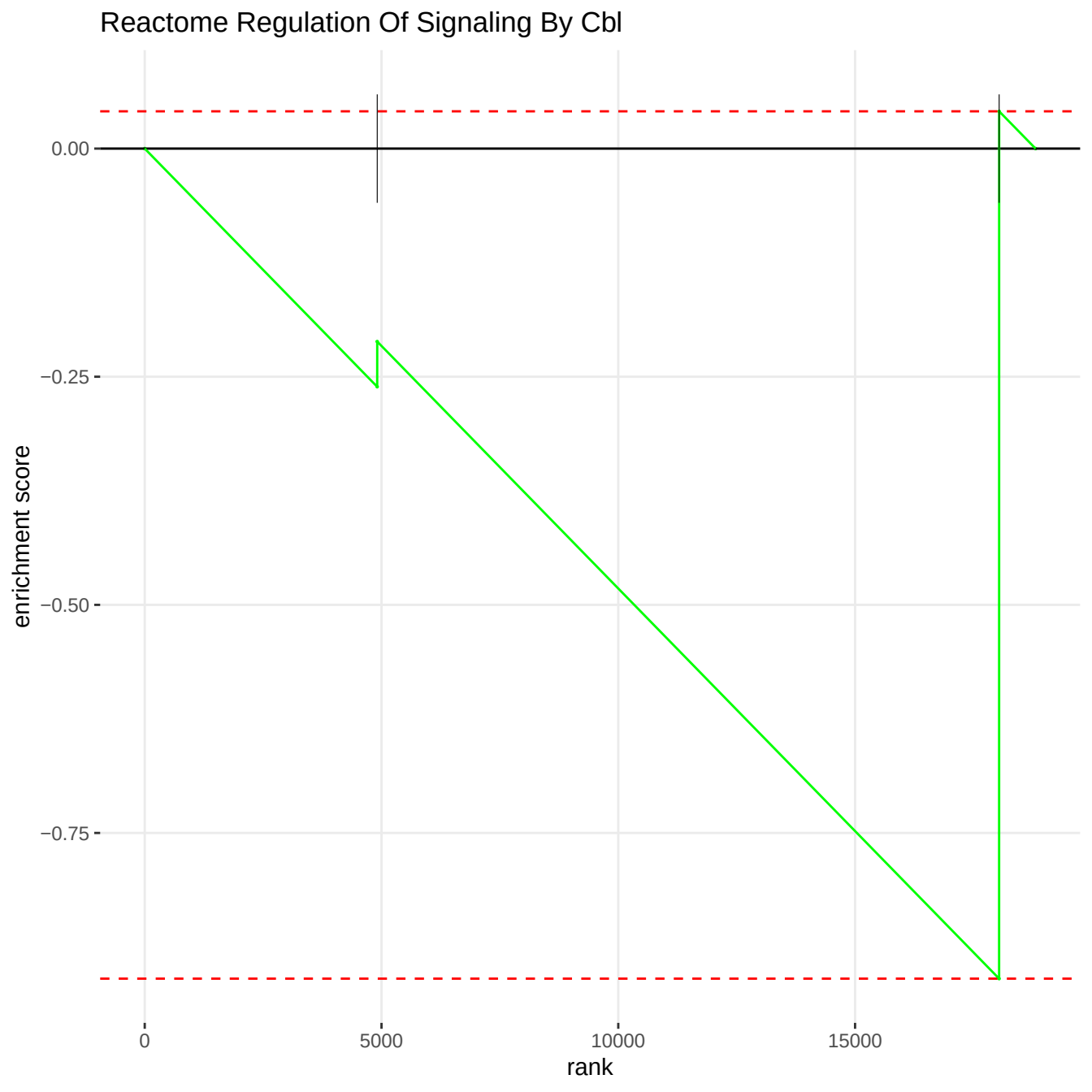

Reactome Regulation Of Pten Gene Transcription
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

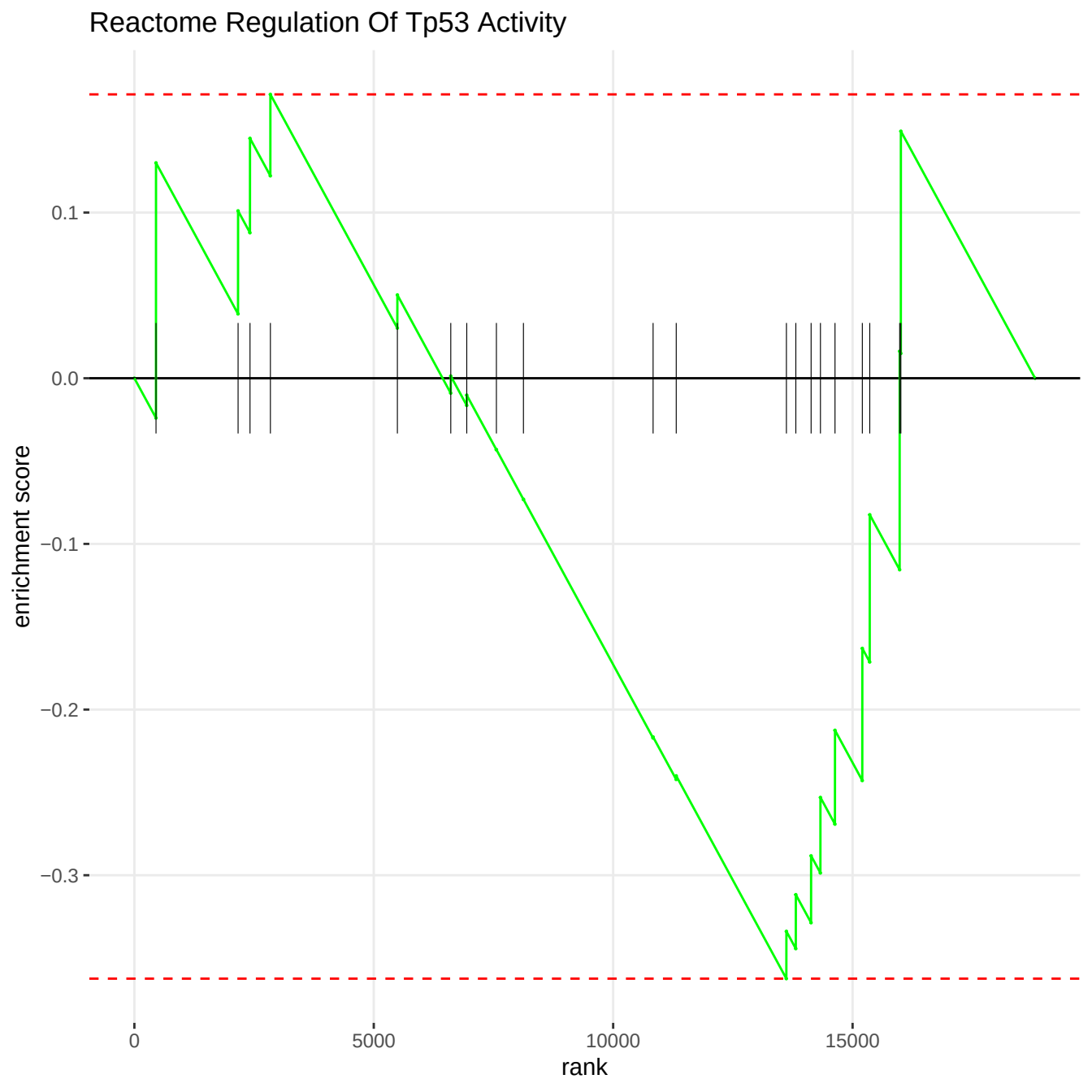

Reactome Regulation Of Pten Mrna Translation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Regulation Of Pyruvate Dehydrogenase Pdh Complex
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

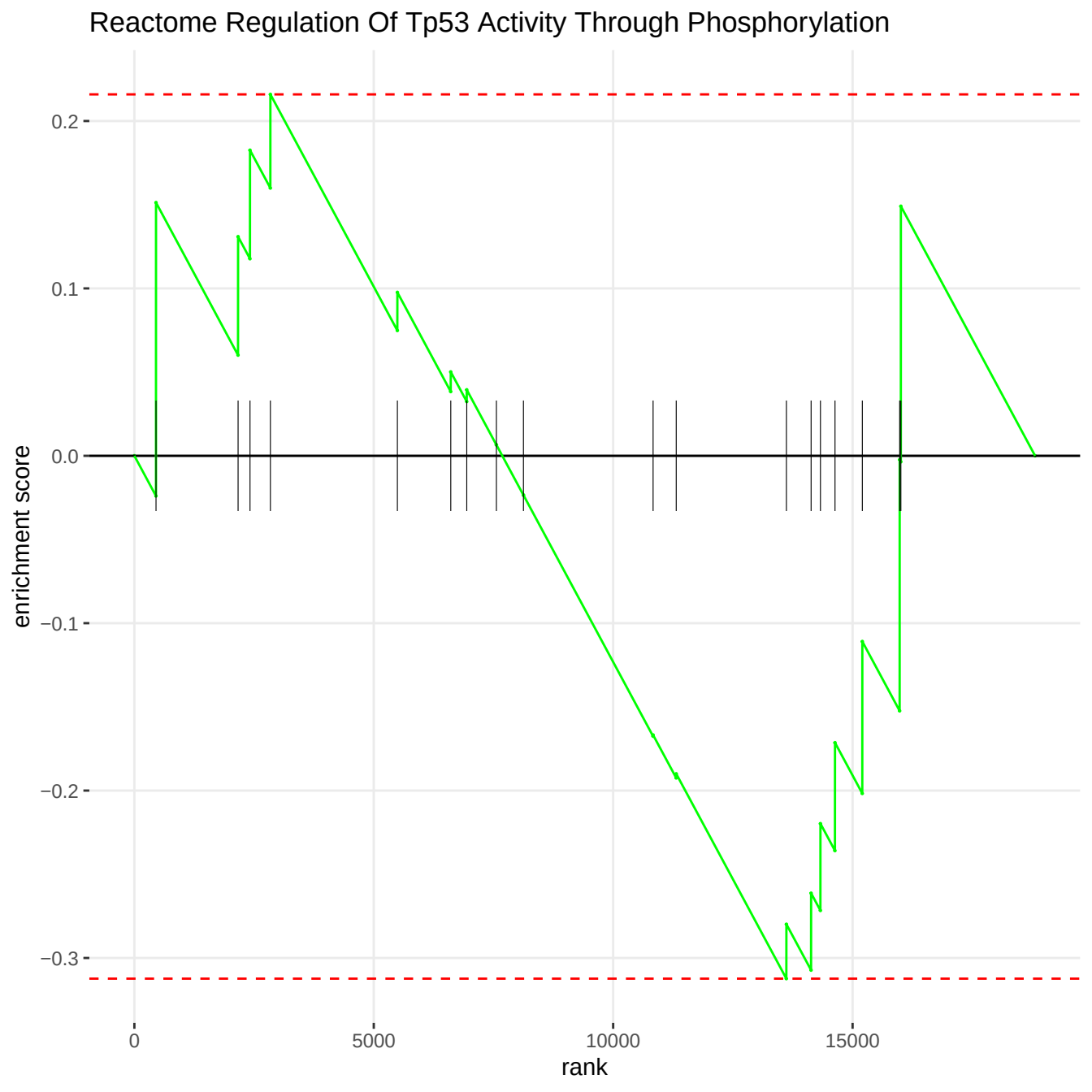

Reactome Regulation Of Runx1 Expression And Activity
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

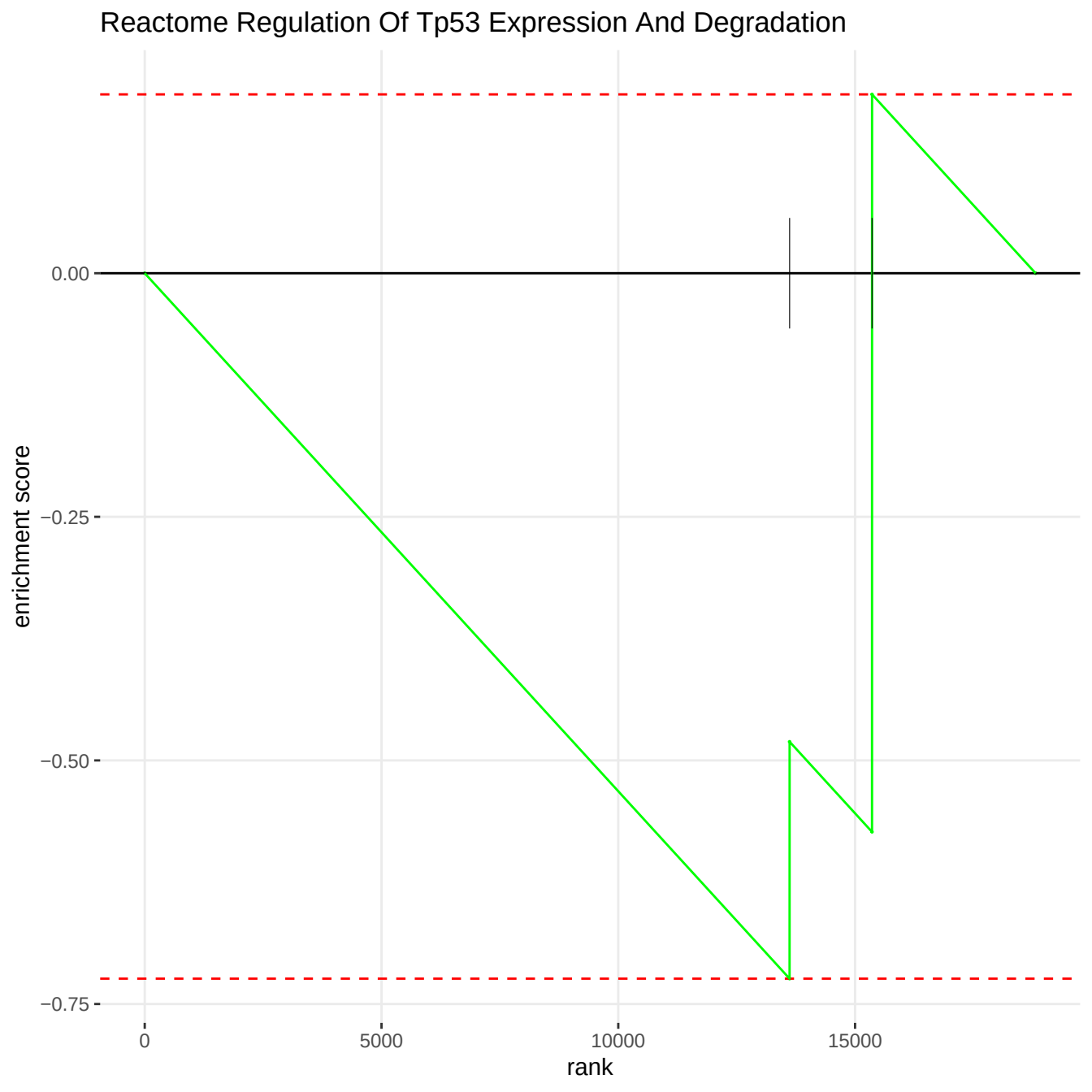

Reactome Regulation Of Runx2 Expression And Activity
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

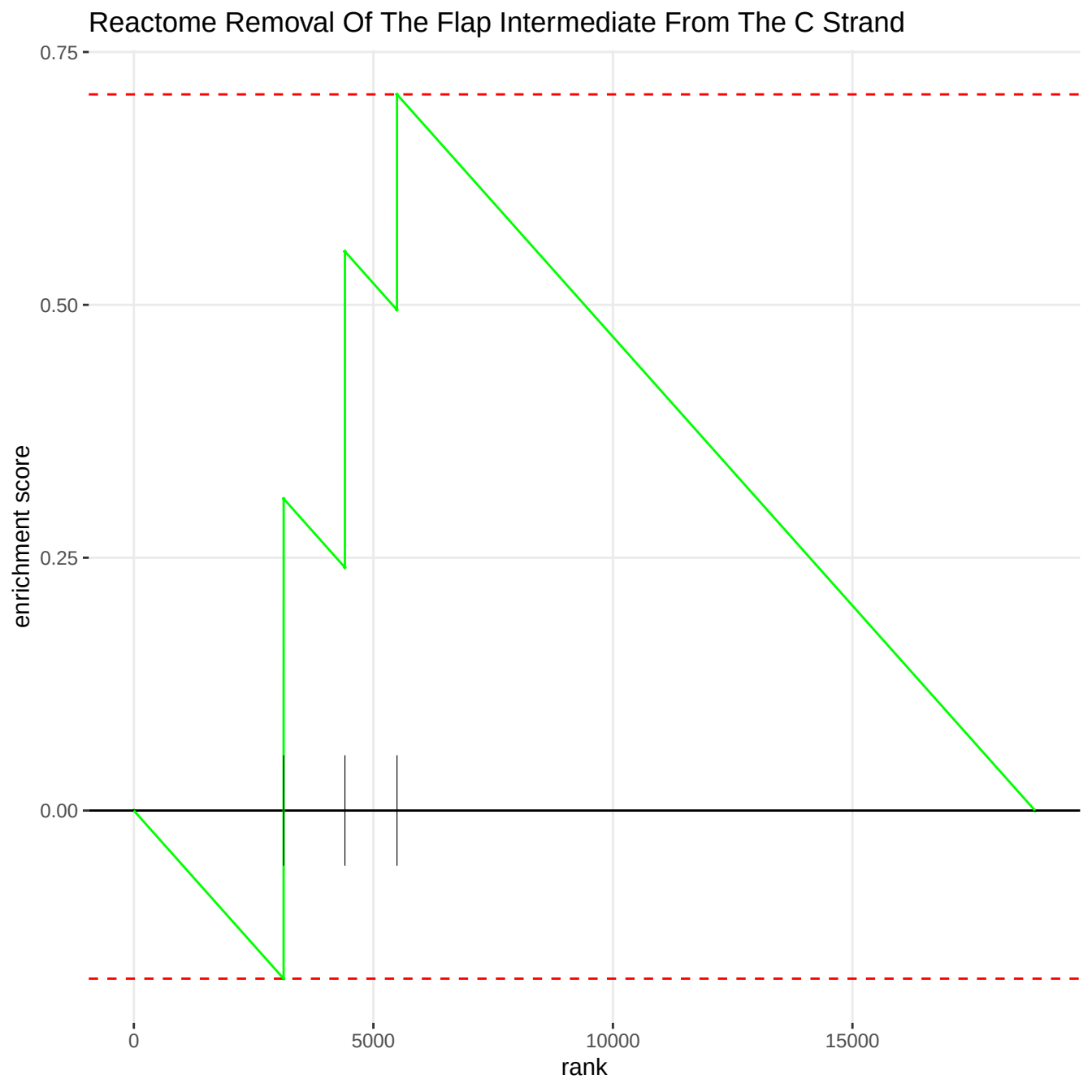

Reactome Regulation Of Signaling By Cbl
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

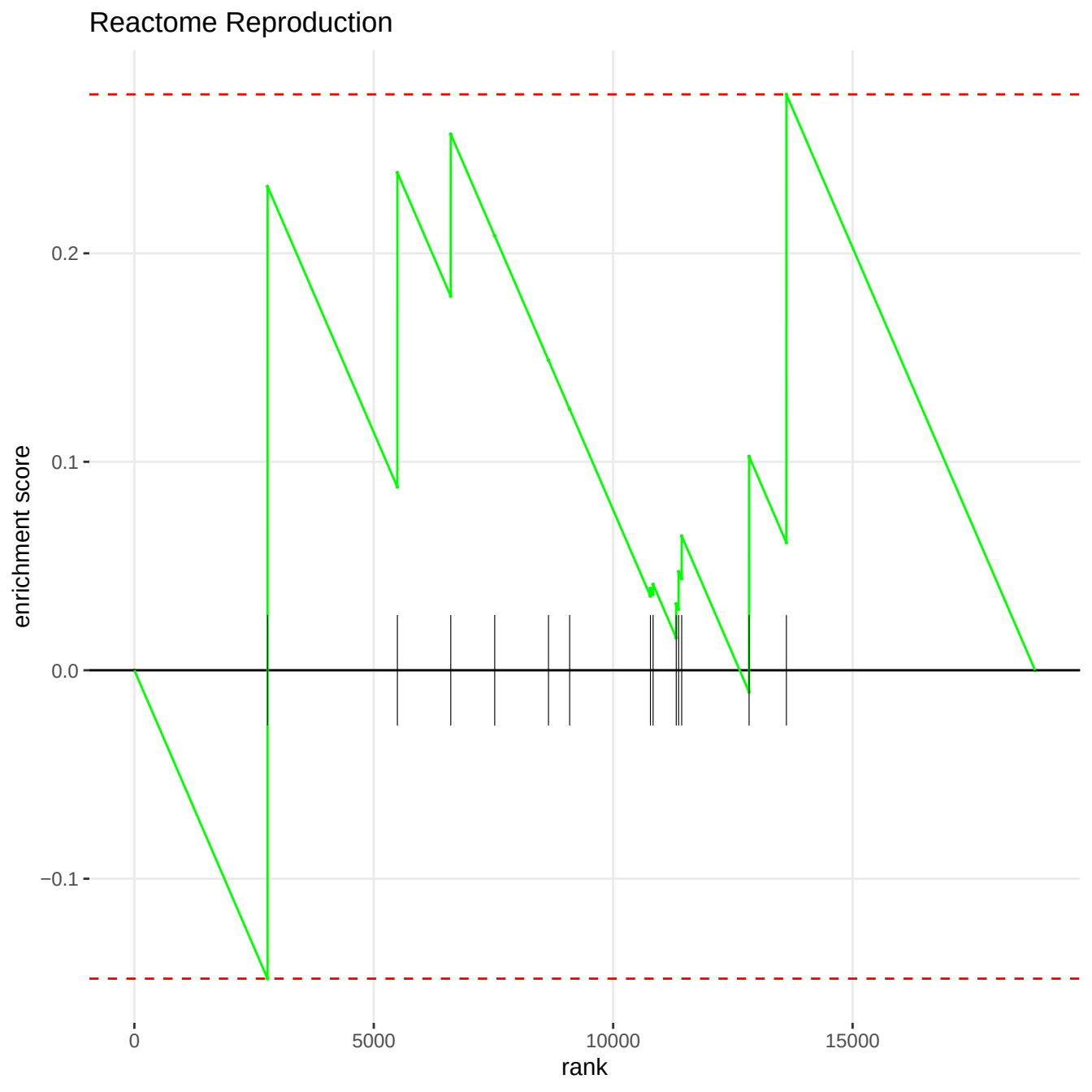

Reactome Regulation Of Tp53 Activity
0.1
0.0
−0.1
−0.2
−0.3
enrichment score
0
5000
10000
15000
rank

Reactome Regulation Of Tp53 Activity Through Acetylation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

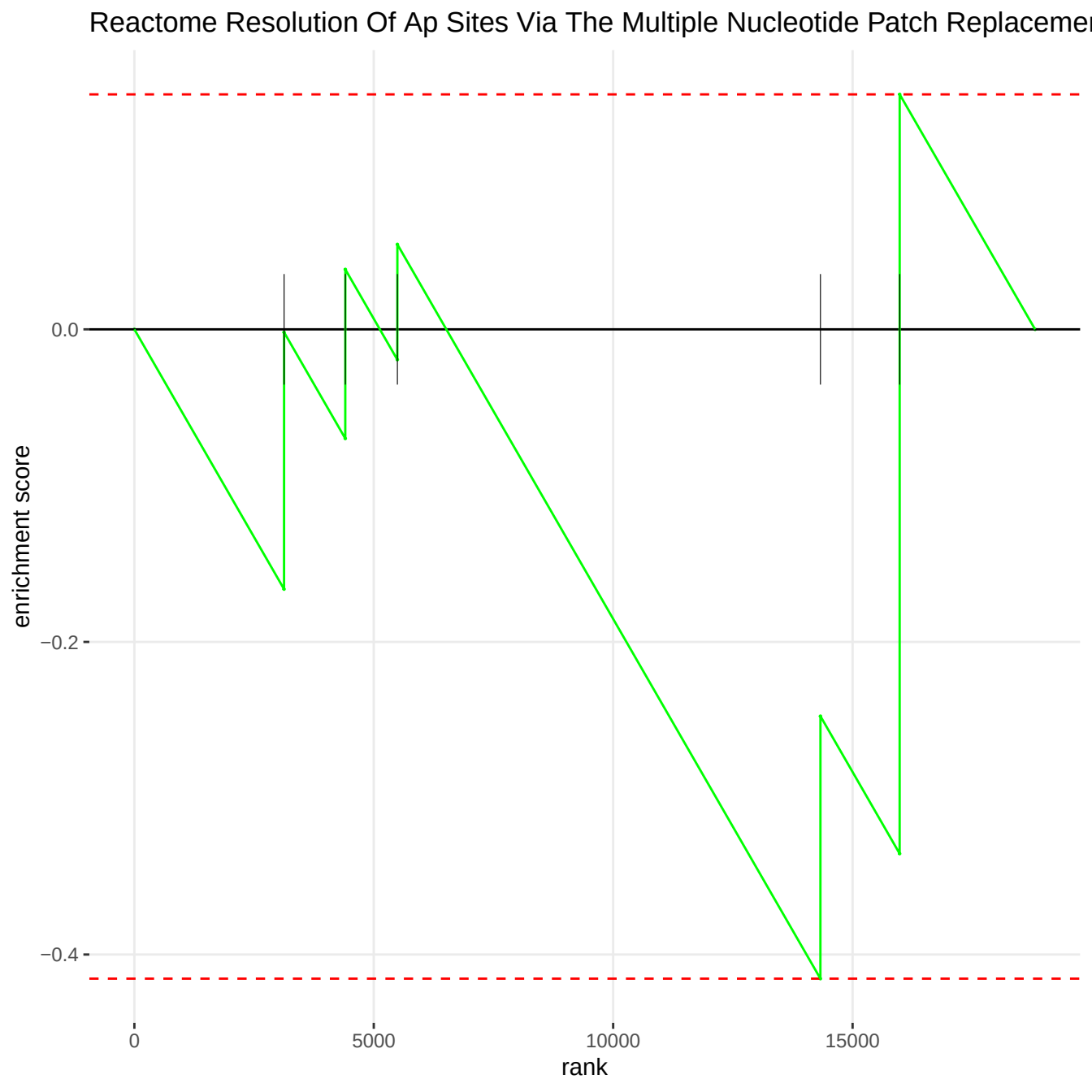

Reactome Regulation Of Tp53 Activity Through Phosphorylation
enrichment score
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
5000
10000
15000
rank


Reactome Regulation Of Tp53 Expression And Degradation
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Removal Of The Flap Intermediate From The C Strand
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

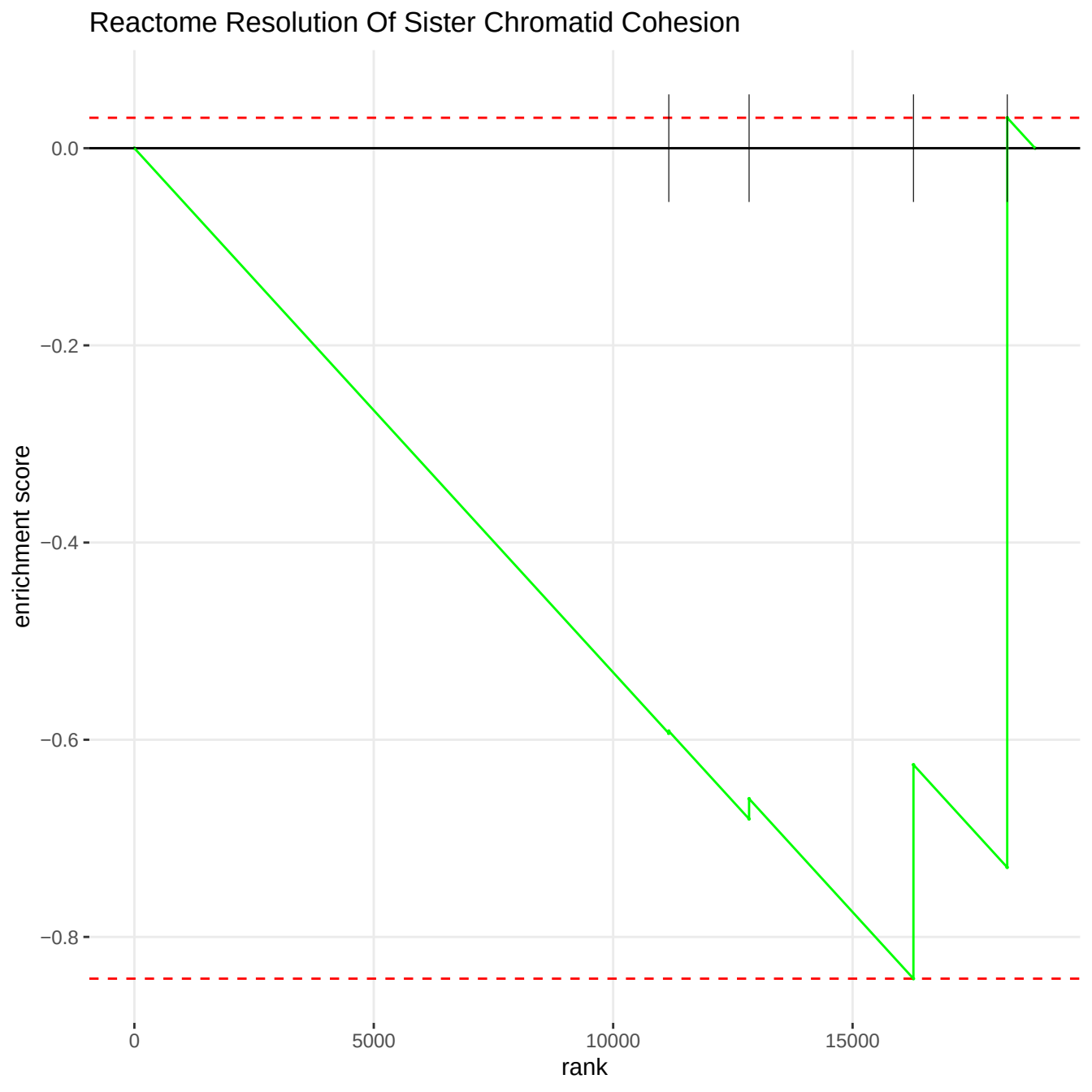

Reactome Reproduction
enrichment score
0.2
0.1
0.0
−0.1
0
5000
10000
15000
rank

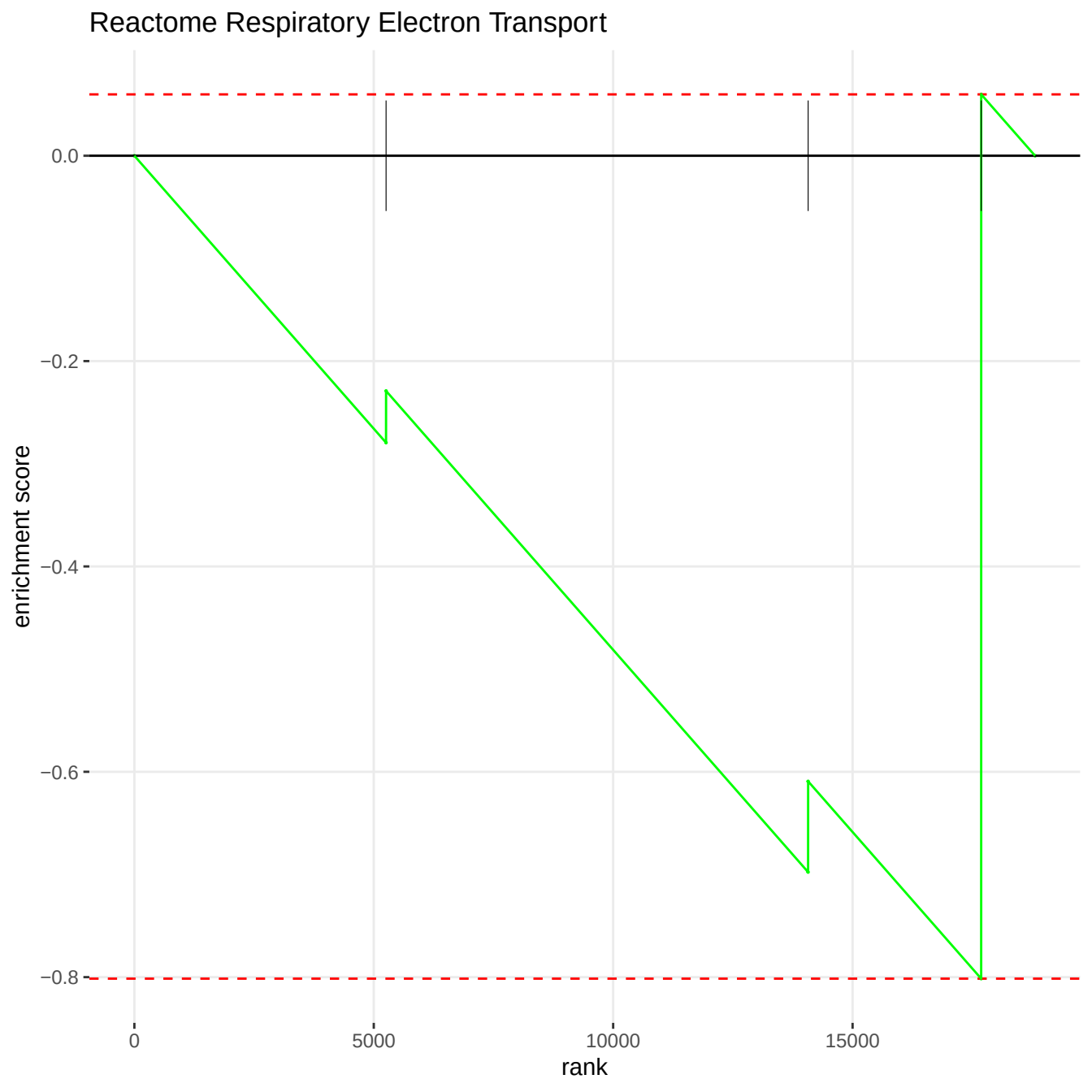
Reactome Resolution Of Abasic Sites Ap Sites
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

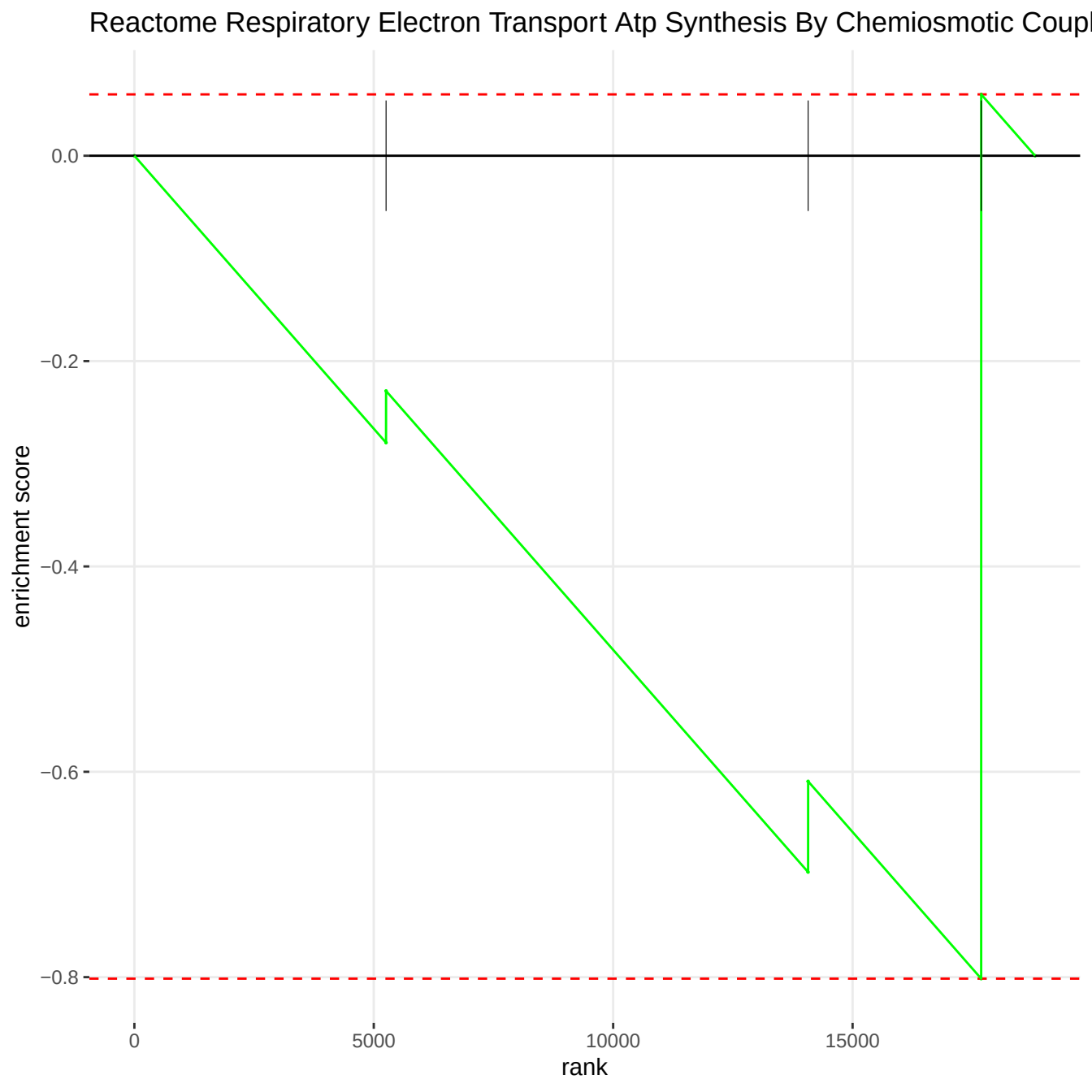

Reactome Resolution Of Ap Sites Via The Multiple Nucleotide Patch Replacemen
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

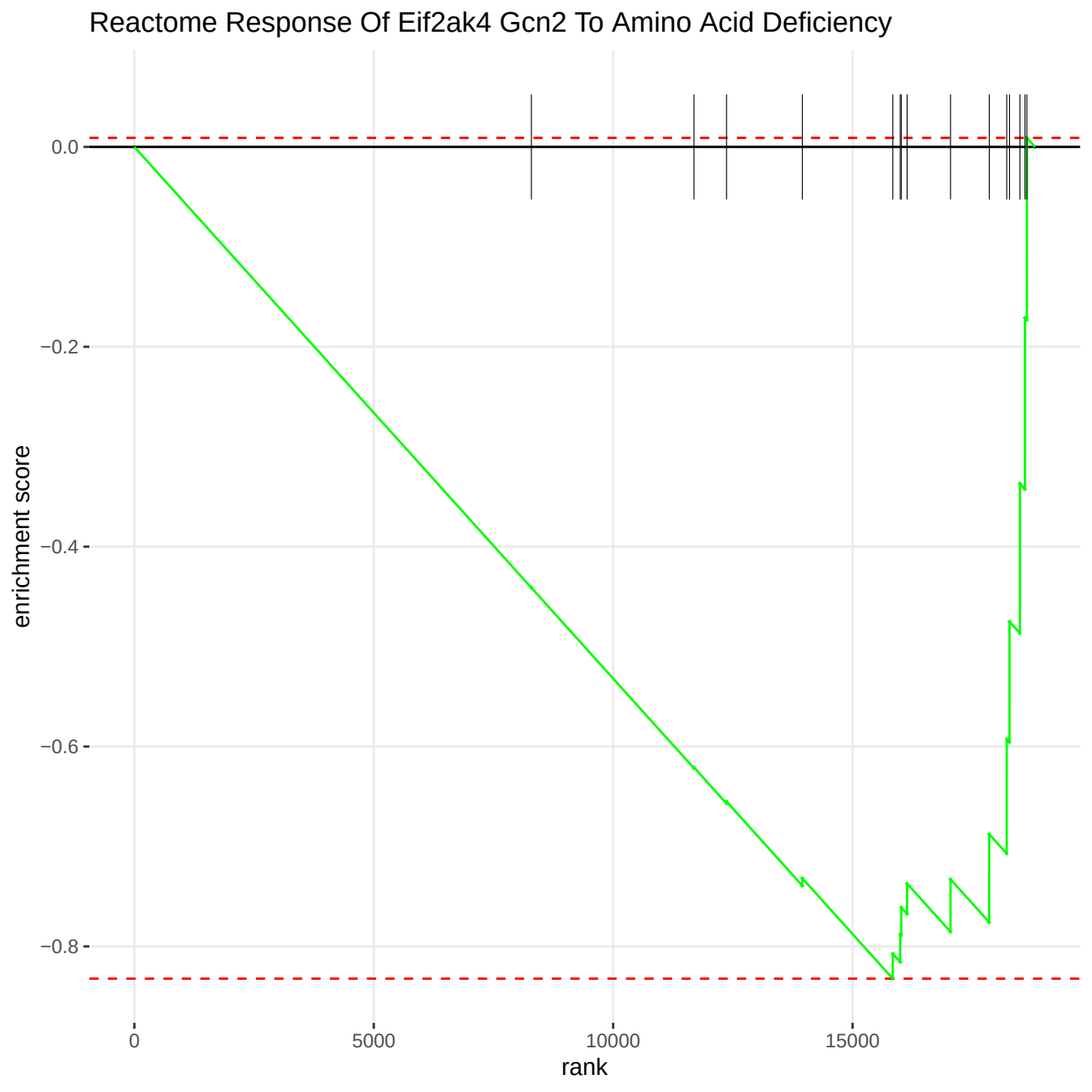
Reactome Resolution Of D Loop Structures
enrichment score
0.4
0.3
0.2
0.1
0.0
−0.1
0
5000
10000
15000
rank

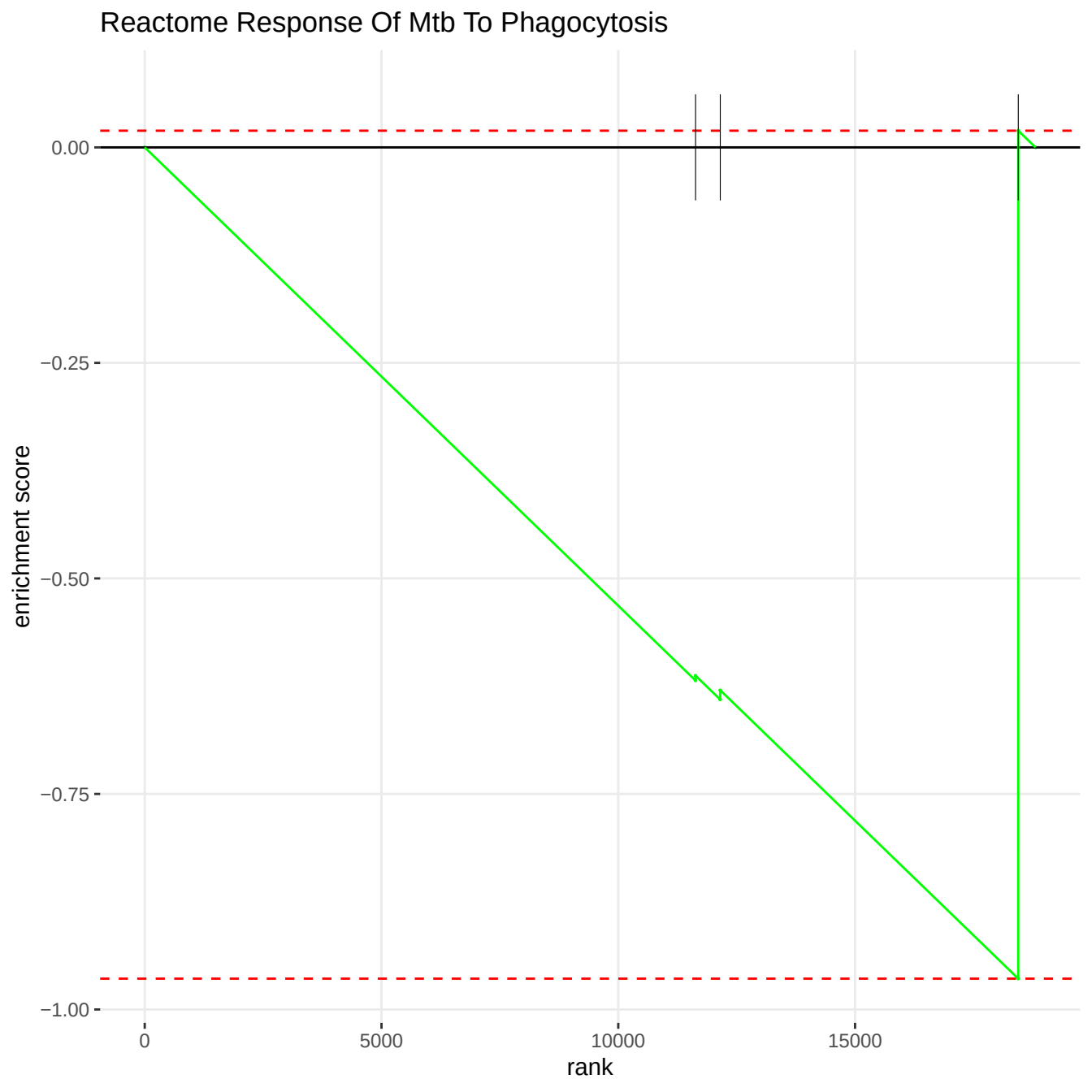
Reactome Resolution Of D Loop Structures Through Synthesis Dependent Stran
0.4
0.3
0.2
0.1
0.0
−0.1
enrichment score
0
5000
10000
15000
rank

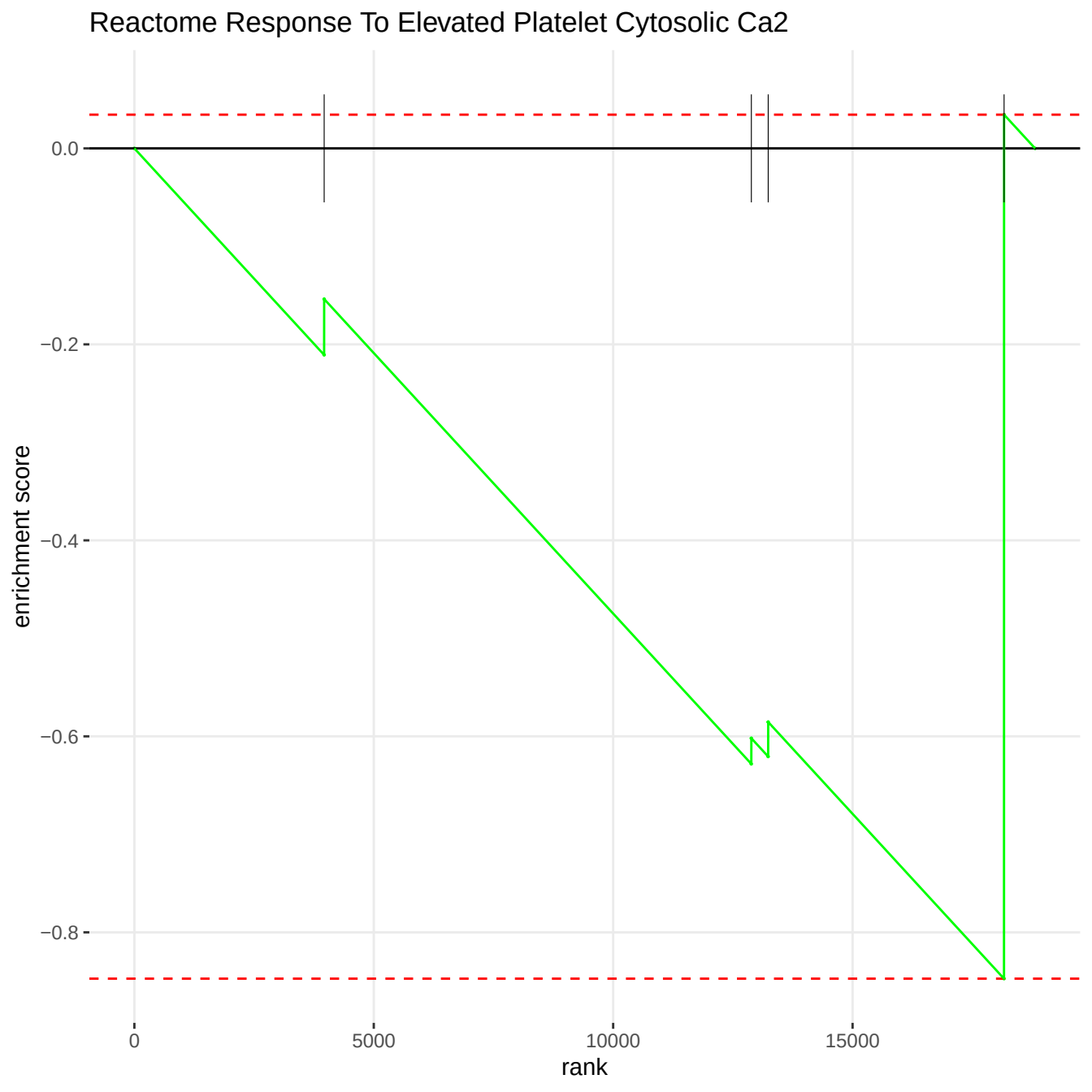

Reactome Resolution Of Sister Chromatid Cohesion
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

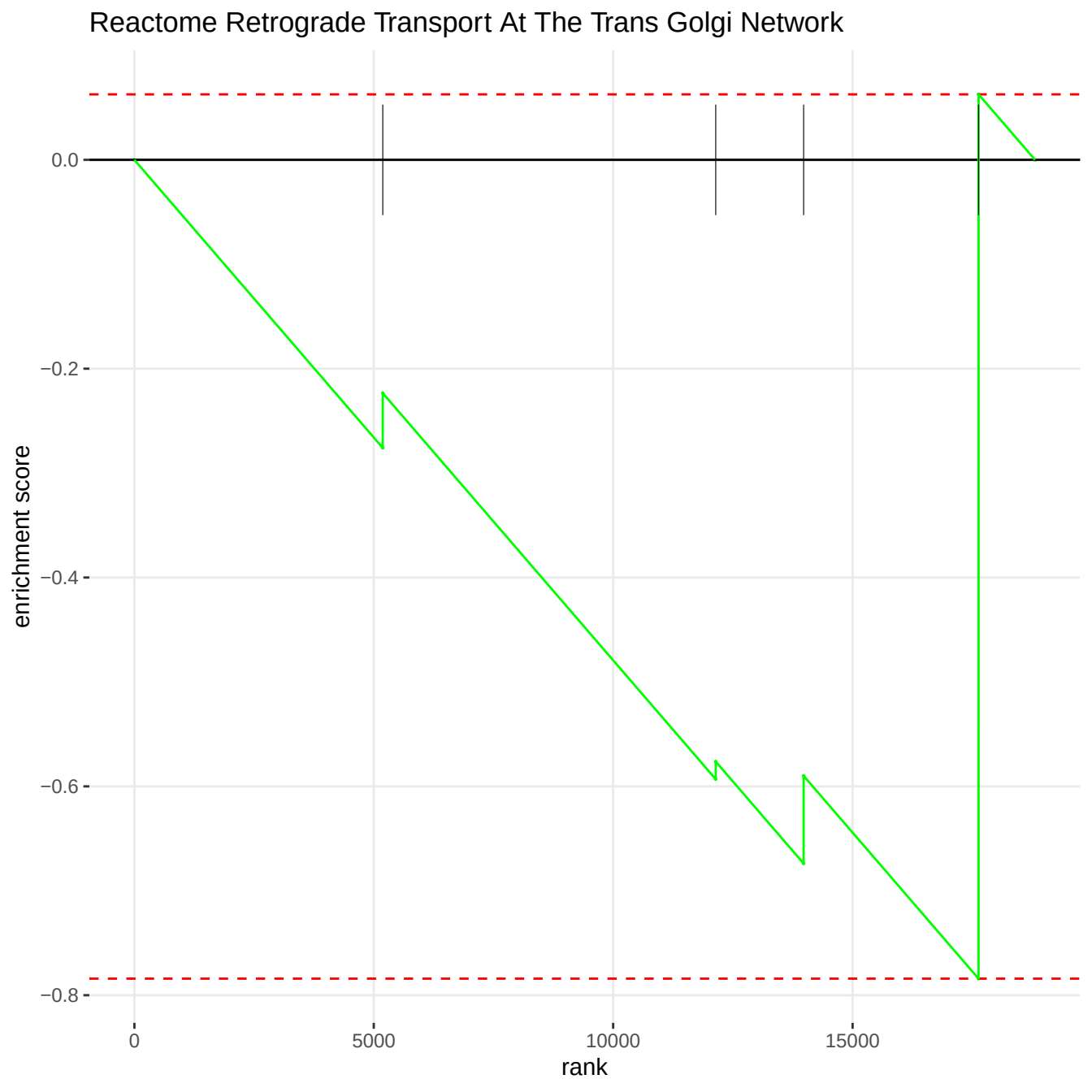

Reactome Respiratory Electron Transport
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

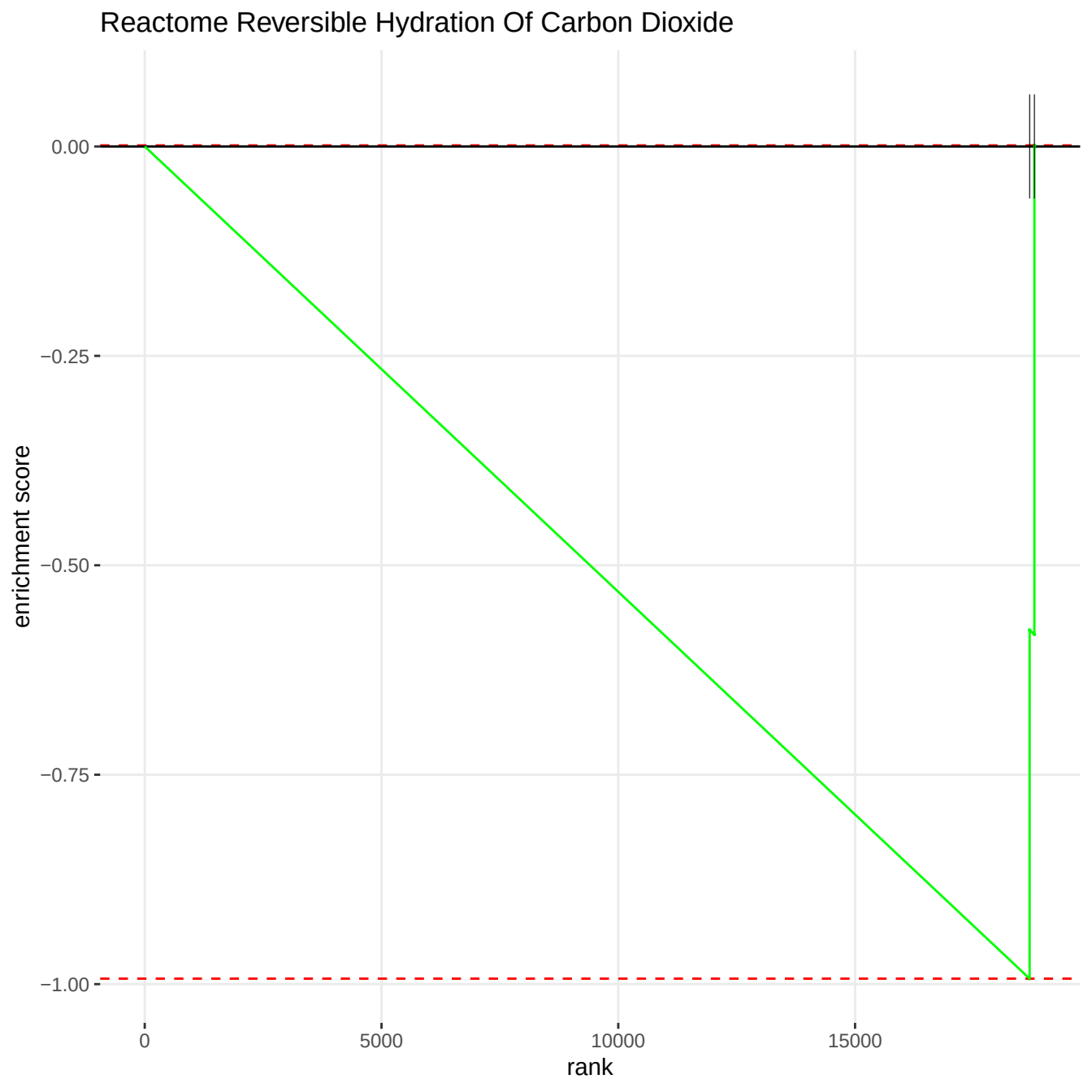

Reactome Respiratory Electron Transport Atp Synthesis By Chemiosmotic Coupl
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

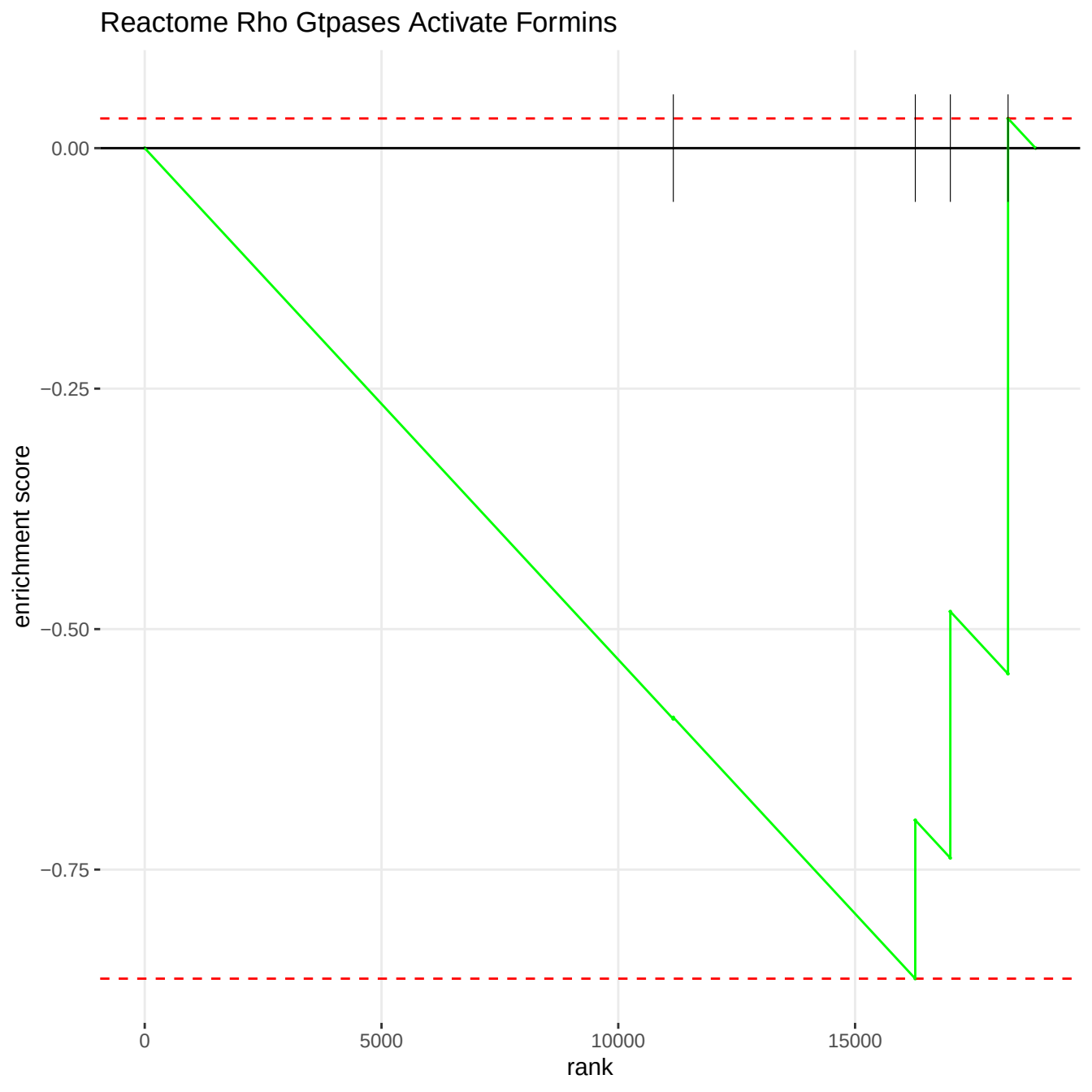

Reactome Response Of Eif2ak4 Gcn2 To Amino Acid Deficiency
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

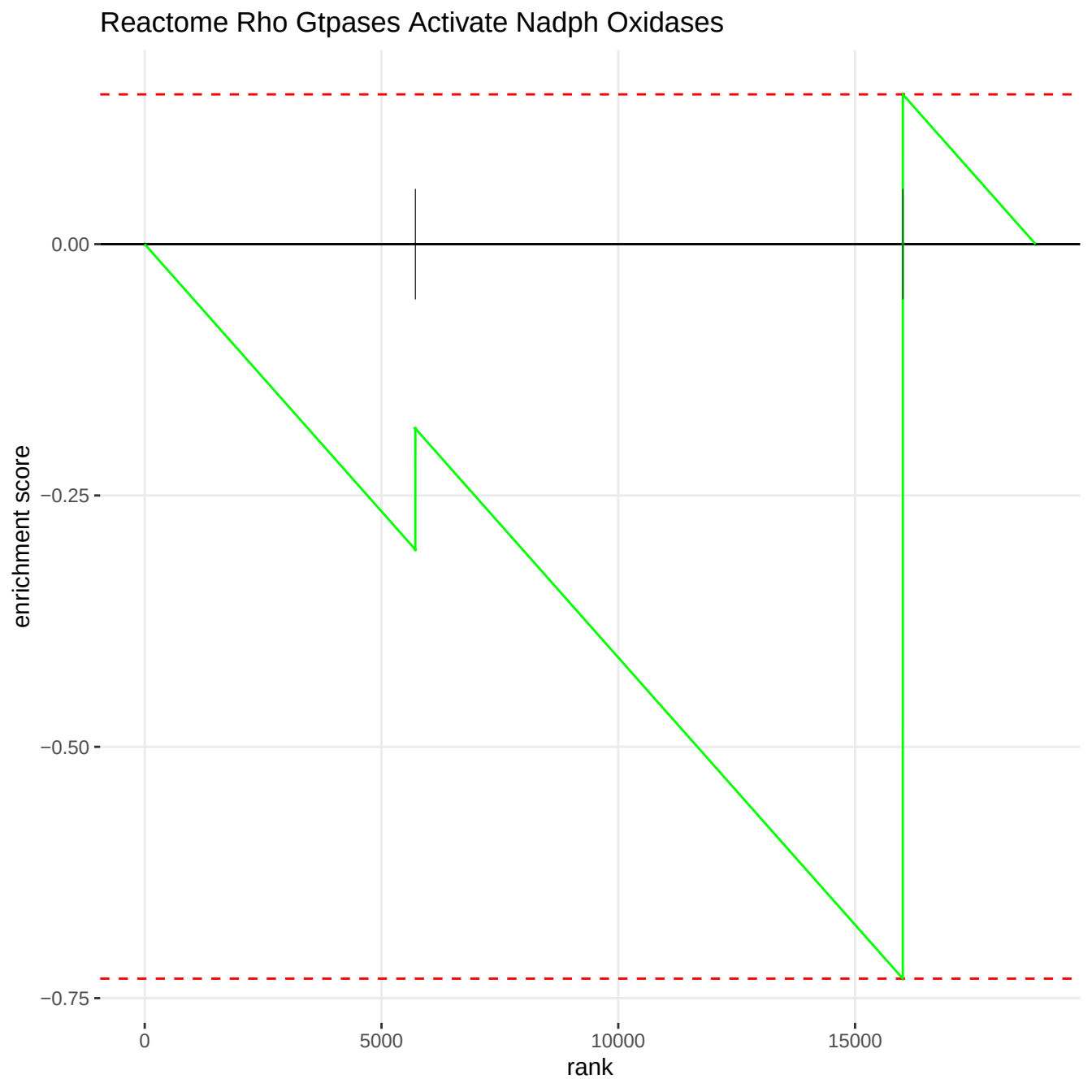

Reactome Response Of Mtb To Phagocytosis
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank


Reactome Response To Elevated Platelet Cytosolic Ca2
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Retrograde Transport At The Trans Golgi Network
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

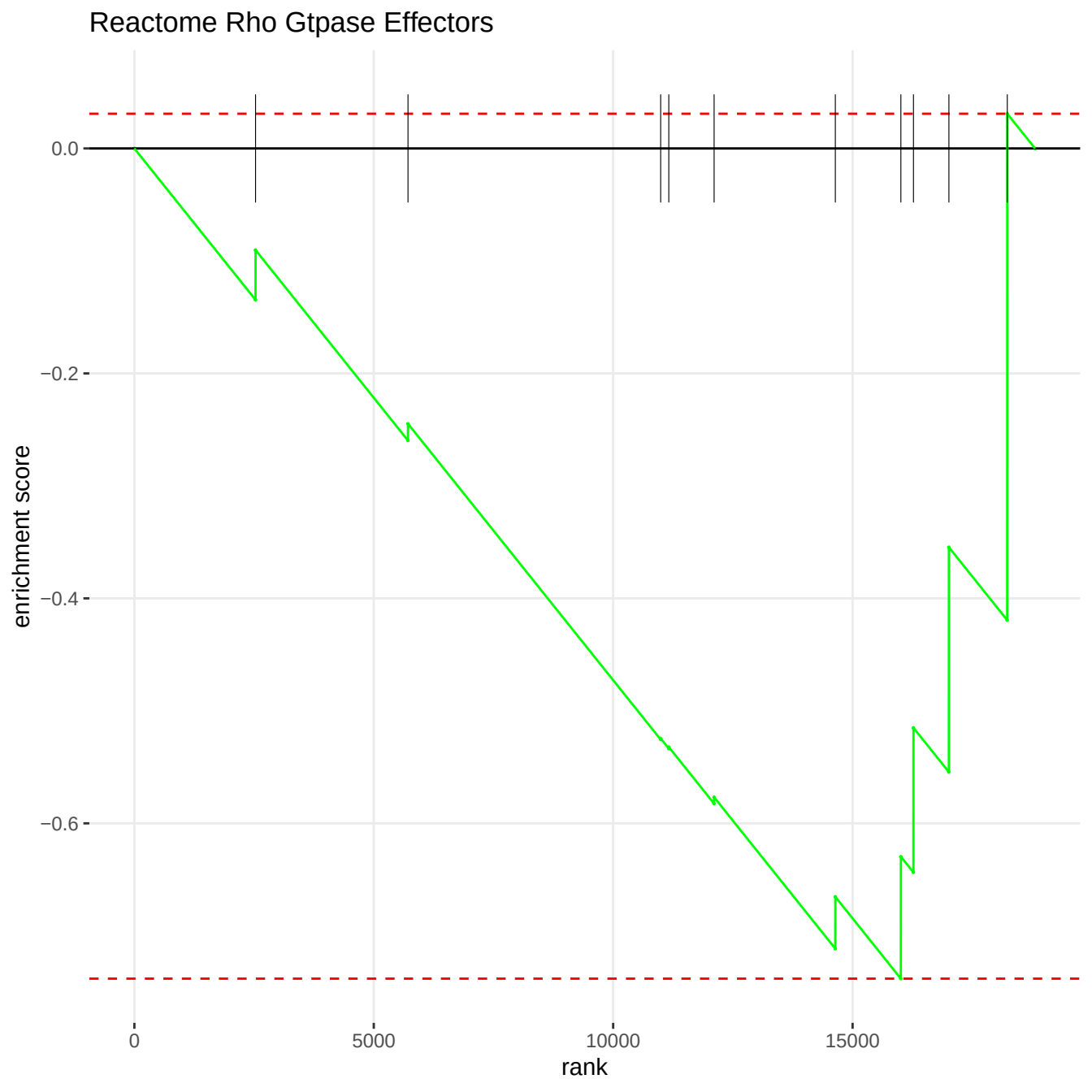

Reactome Reversible Hydration Of Carbon Dioxide
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank


Reactome Rho Gtpases Activate Formins
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Rho Gtpases Activate Nadph Oxidases
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

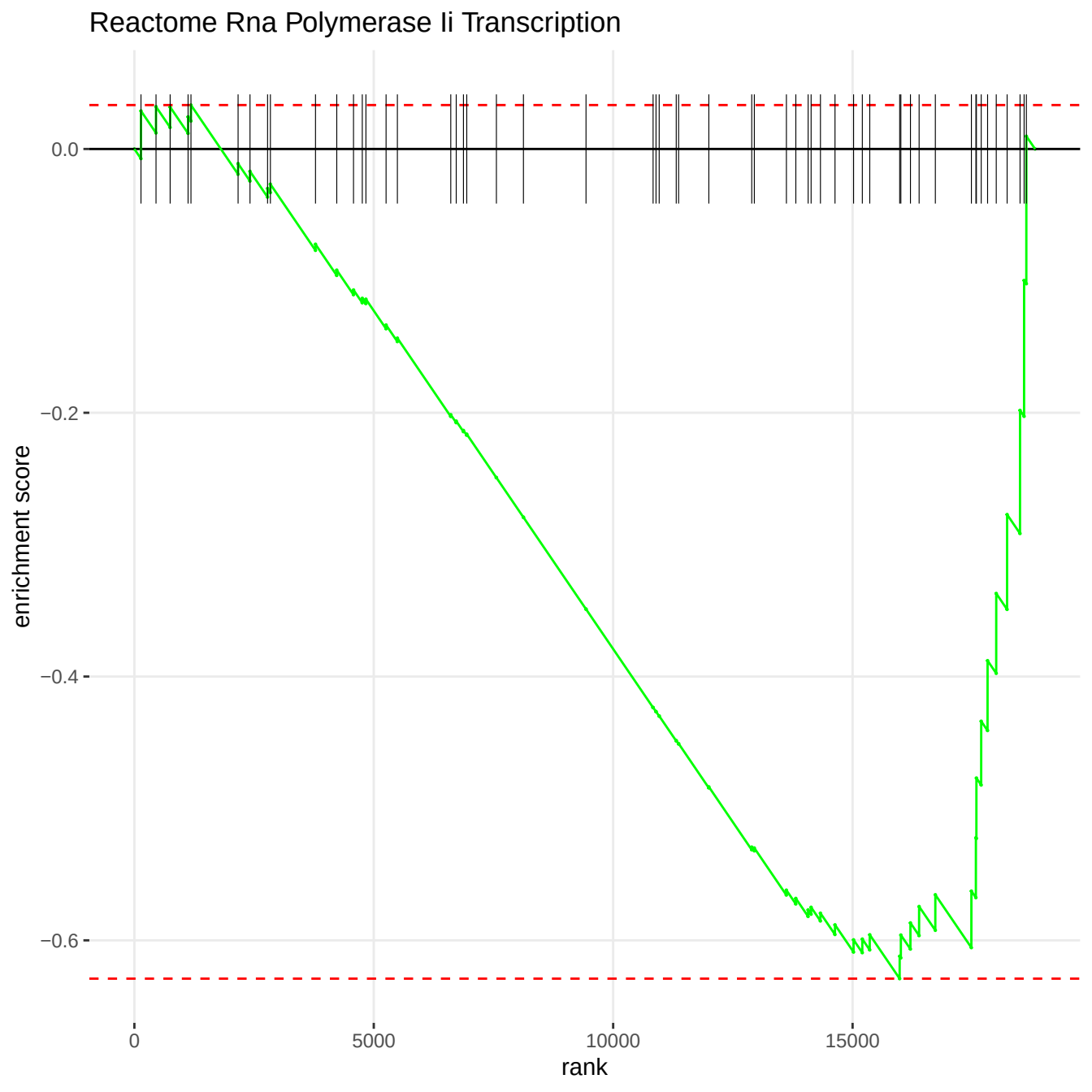
Reactome Rho Gtpases Activate Wasps And Waves
0.3
0.2
0.1
0.0
−0.1
−0.2
enrichment score
0
5000
10000
15000
rank

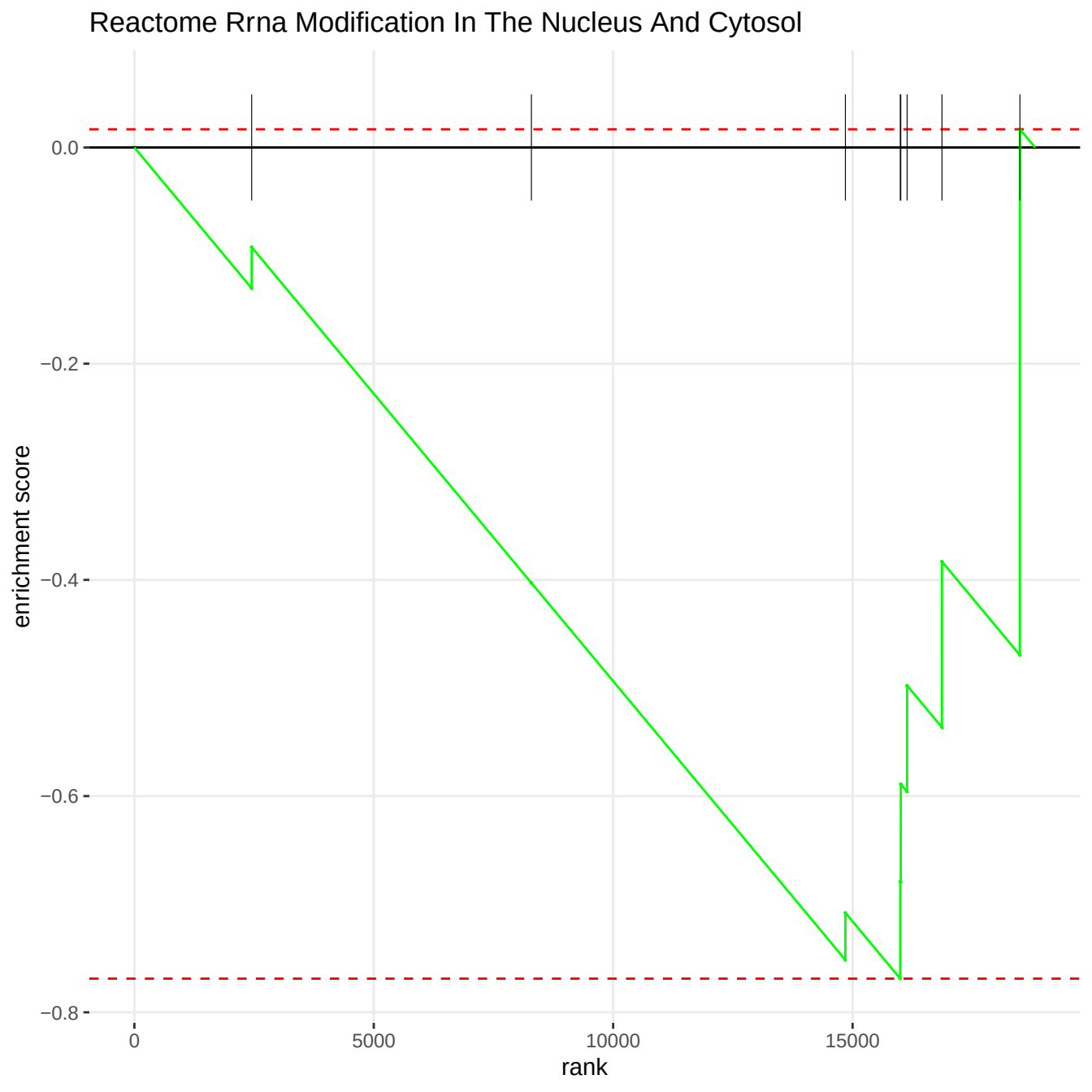
Reactome Rho Gtpase Cycle
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

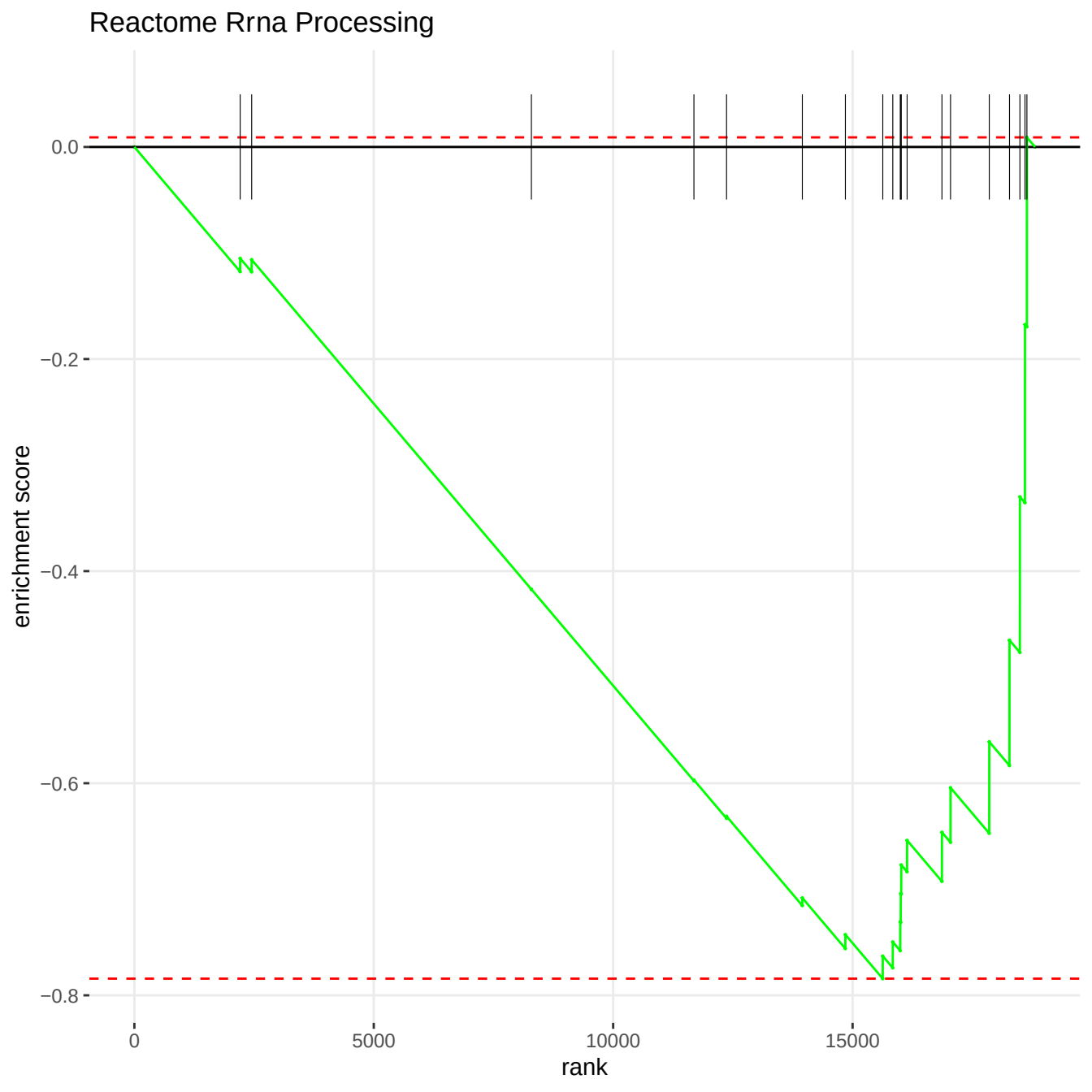

Reactome Rho Gtpase Effectors
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

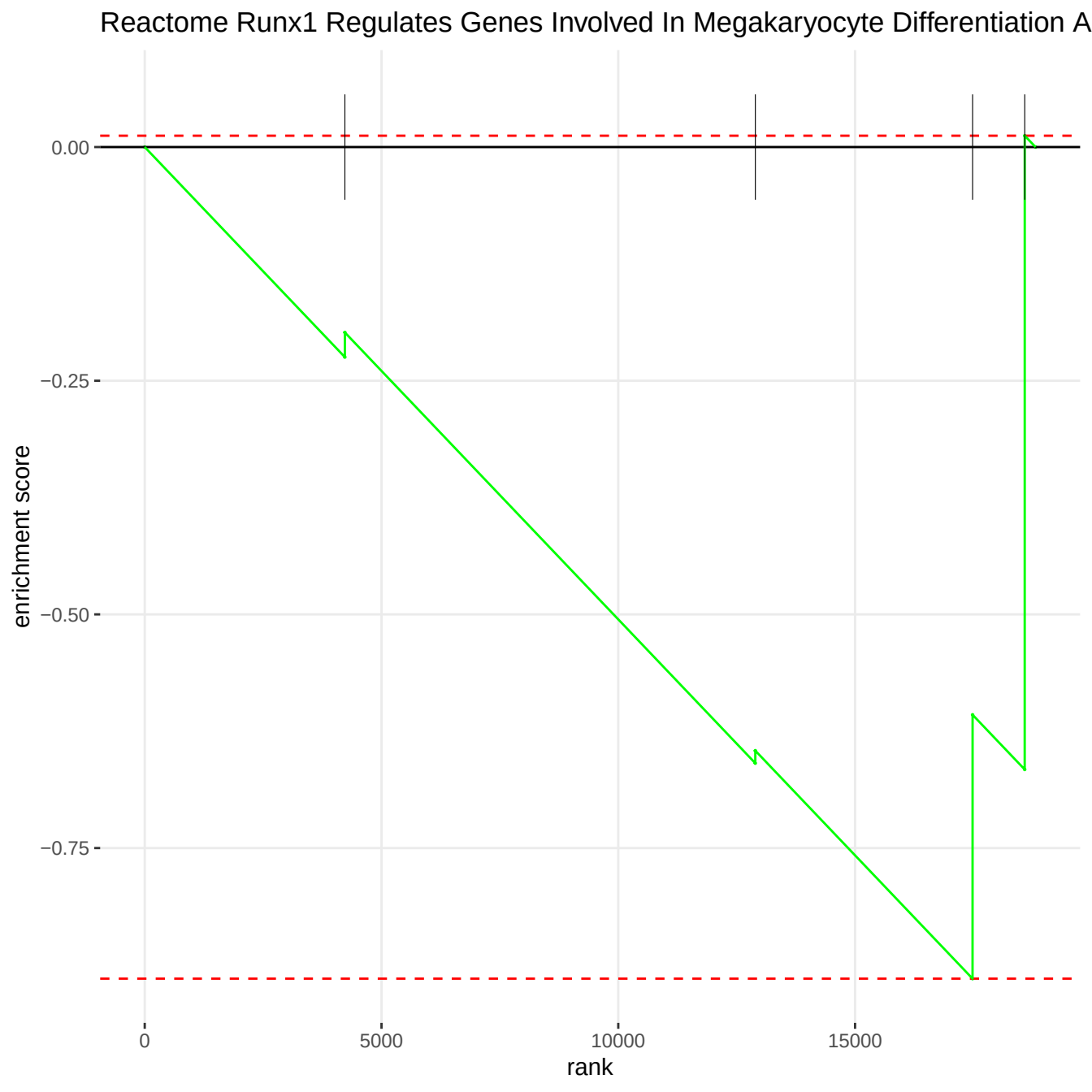
Reactome Rmts Methylate Histone Arginines
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

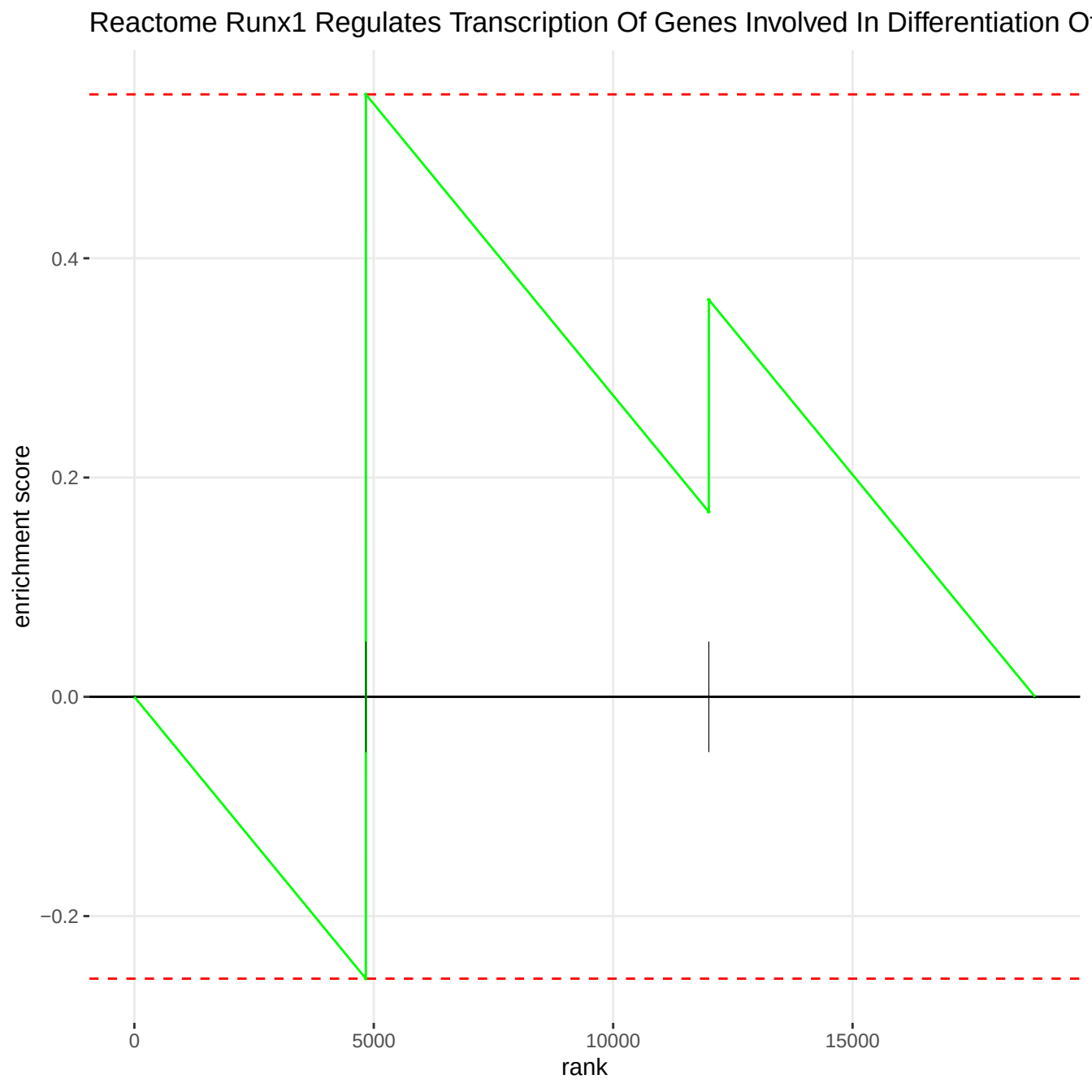
Reactome Rna Polymerase Ii Transcribes Snrna Genes
0.25
0.00
−0.25
enrichment score
0
5000
10000
15000
rank

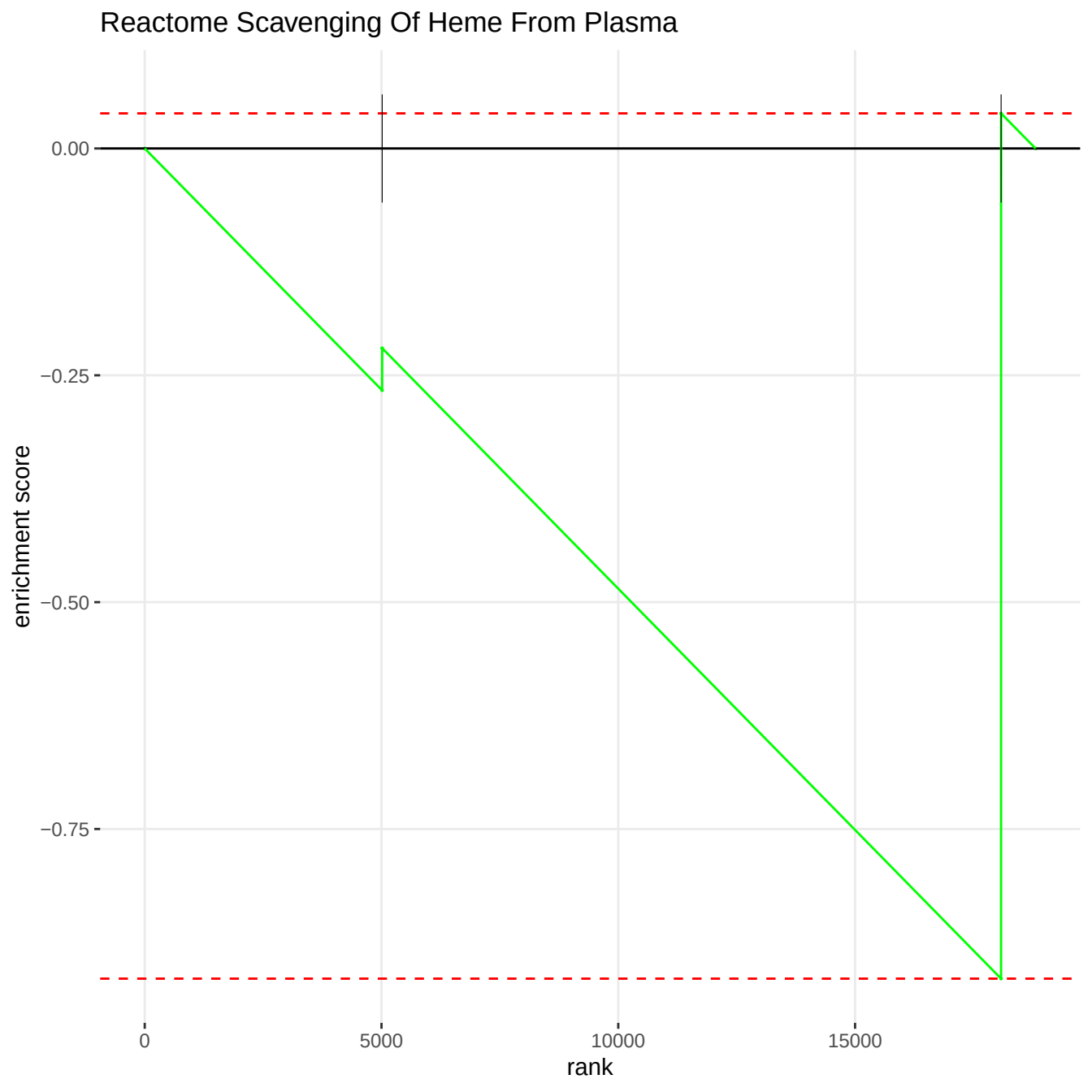

Reactome Rna Polymerase Ii Transcription
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

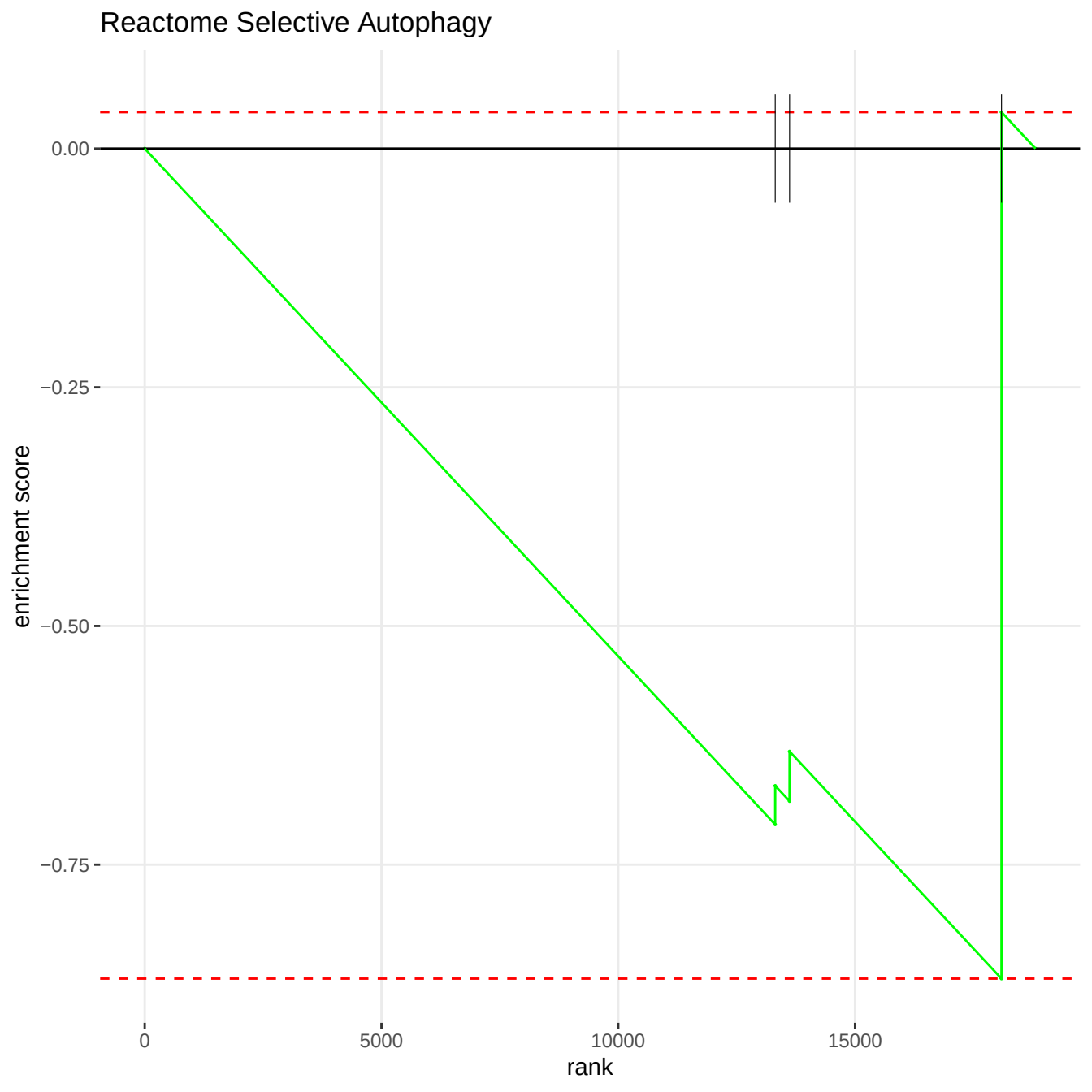

Reactome Rrna Modification In The Nucleus And Cytosol
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Rrna Processing
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

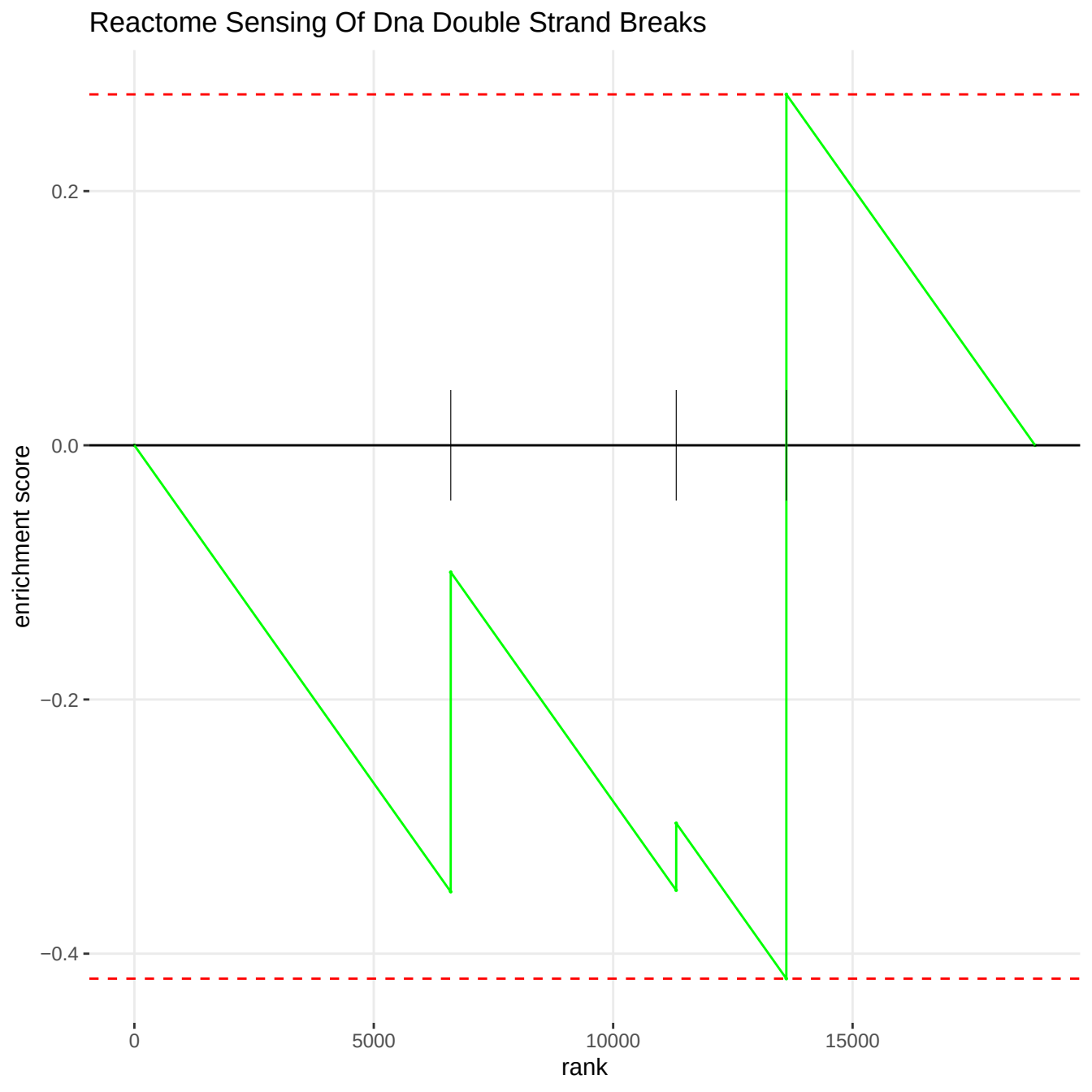

Reactome Runx1 Regulates Genes Involved In Megakaryocyte Differentiation A
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

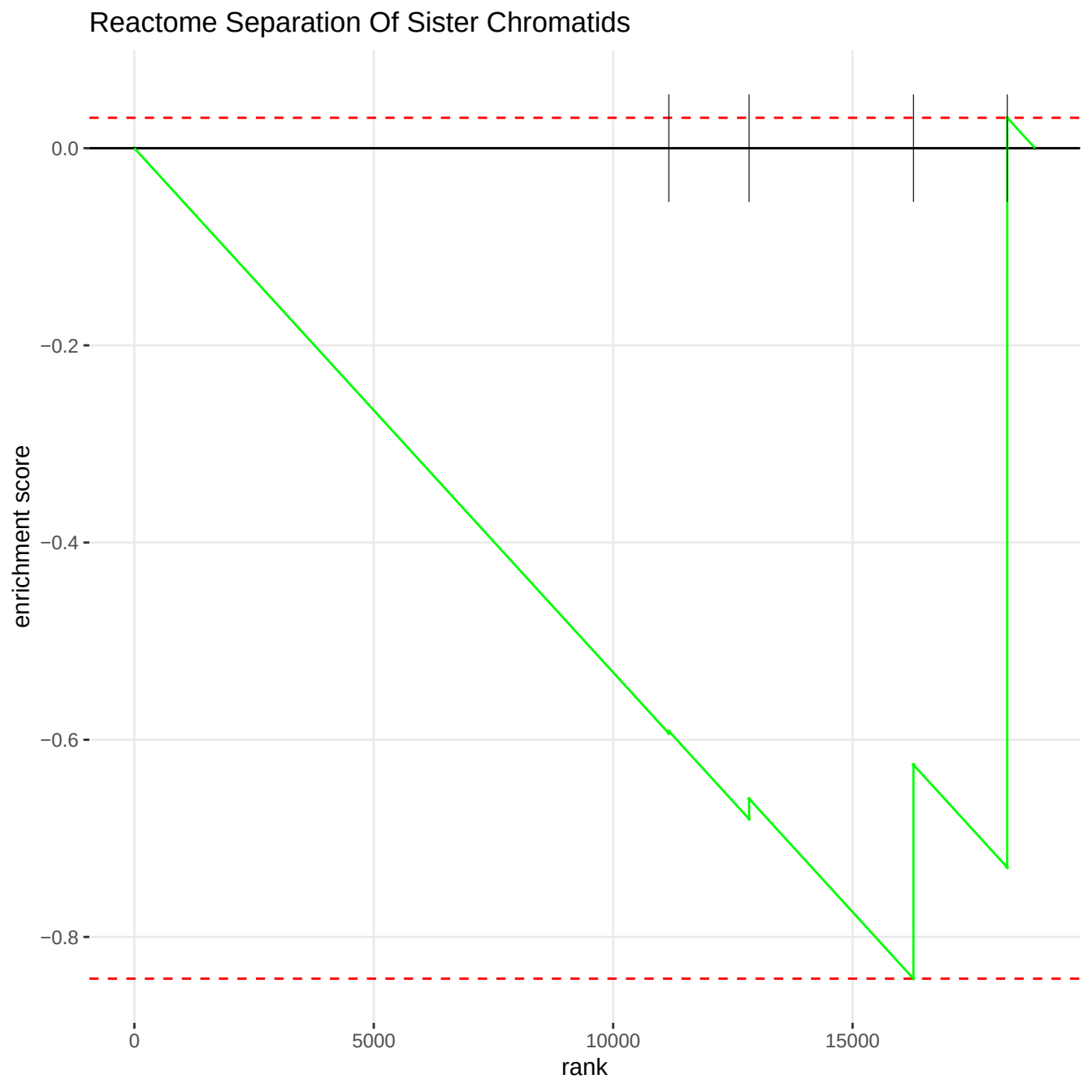

Reactome Runx1 Regulates Transcription Of Genes Involved In Differentiation Of
0.4
0.2
0.0
−0.2
enrichment score
0
5000
10000
15000
rank

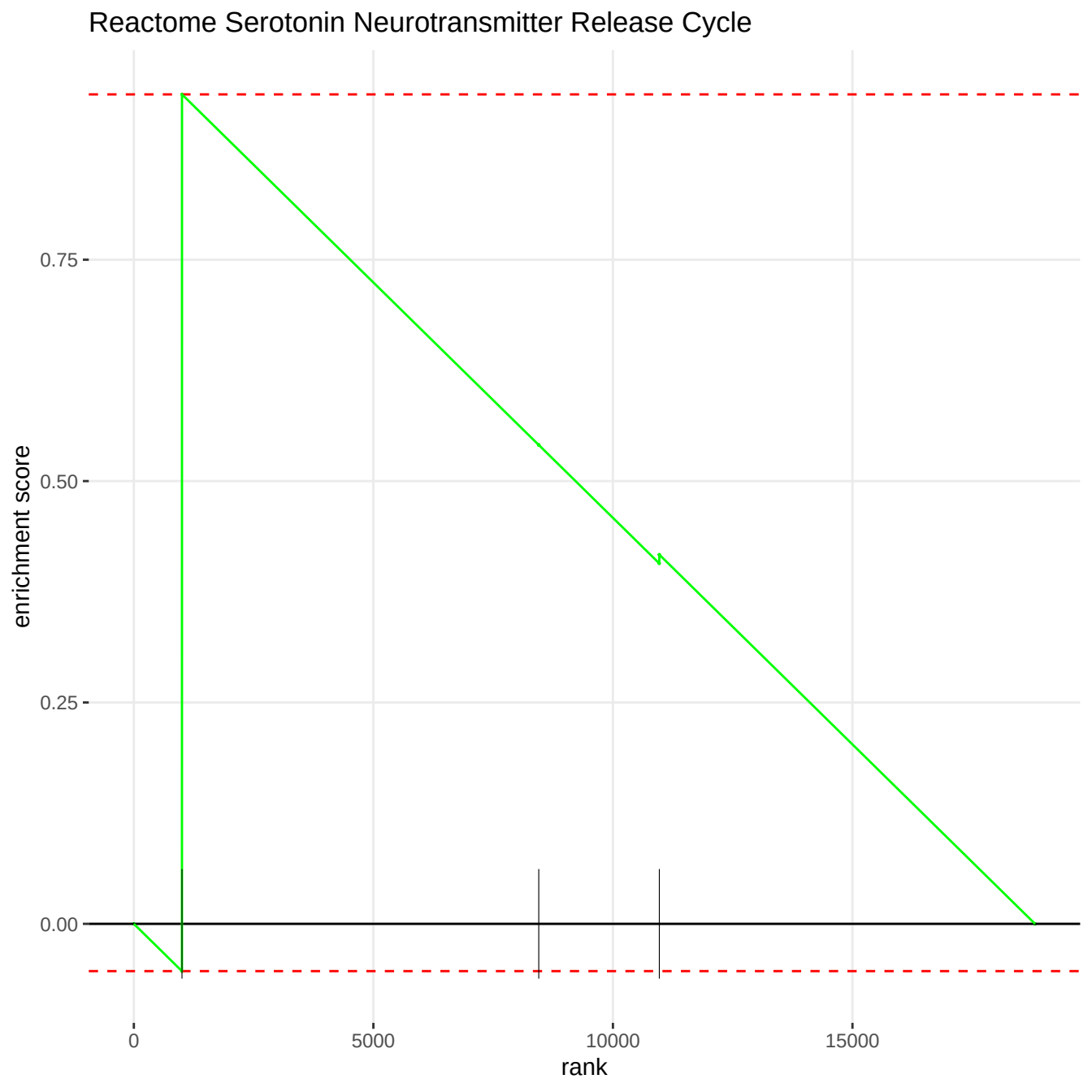

Reactome Scavenging Of Heme From Plasma
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

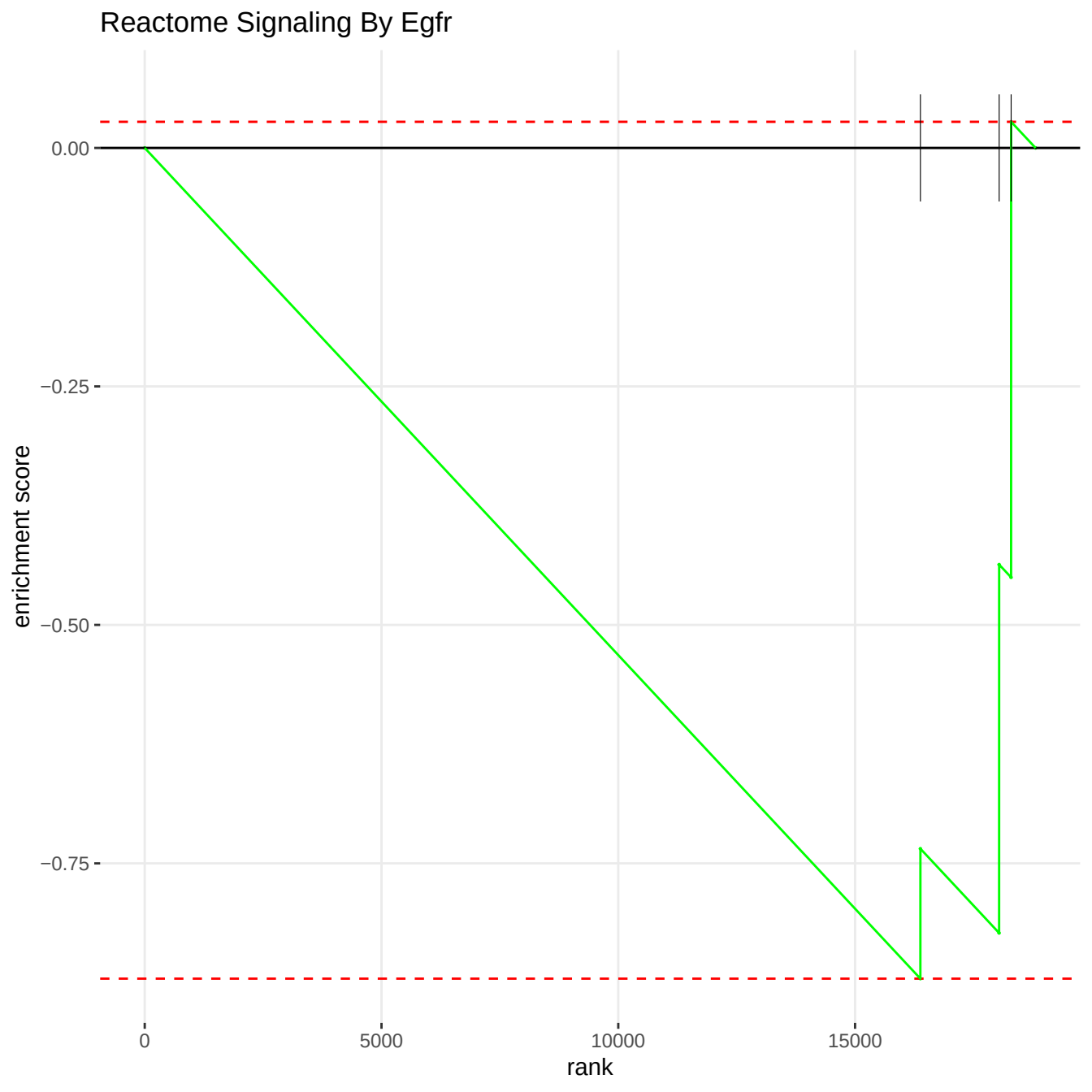

Reactome Selective Autophagy
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

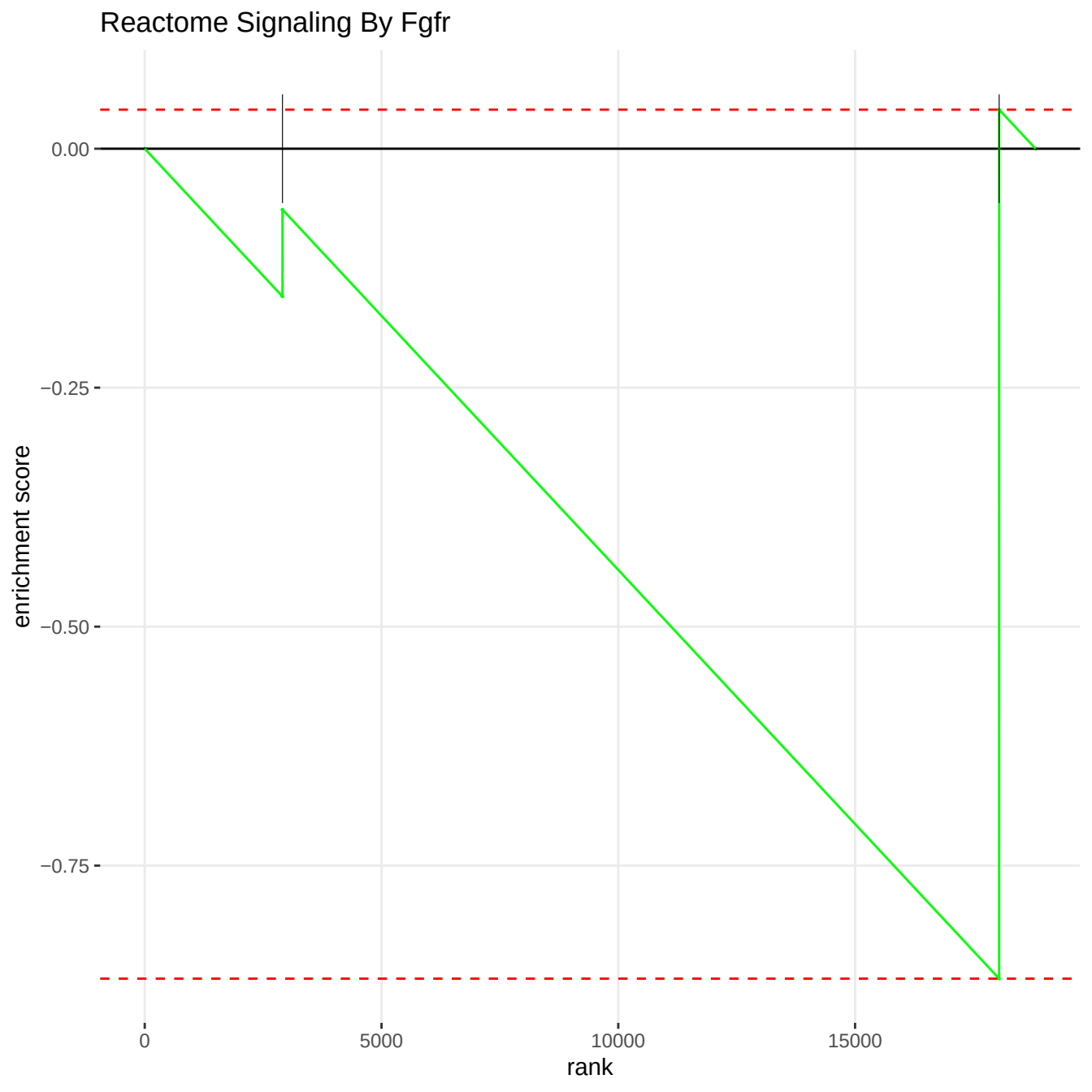
Reactome Selenoamino Acid Metabolism
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

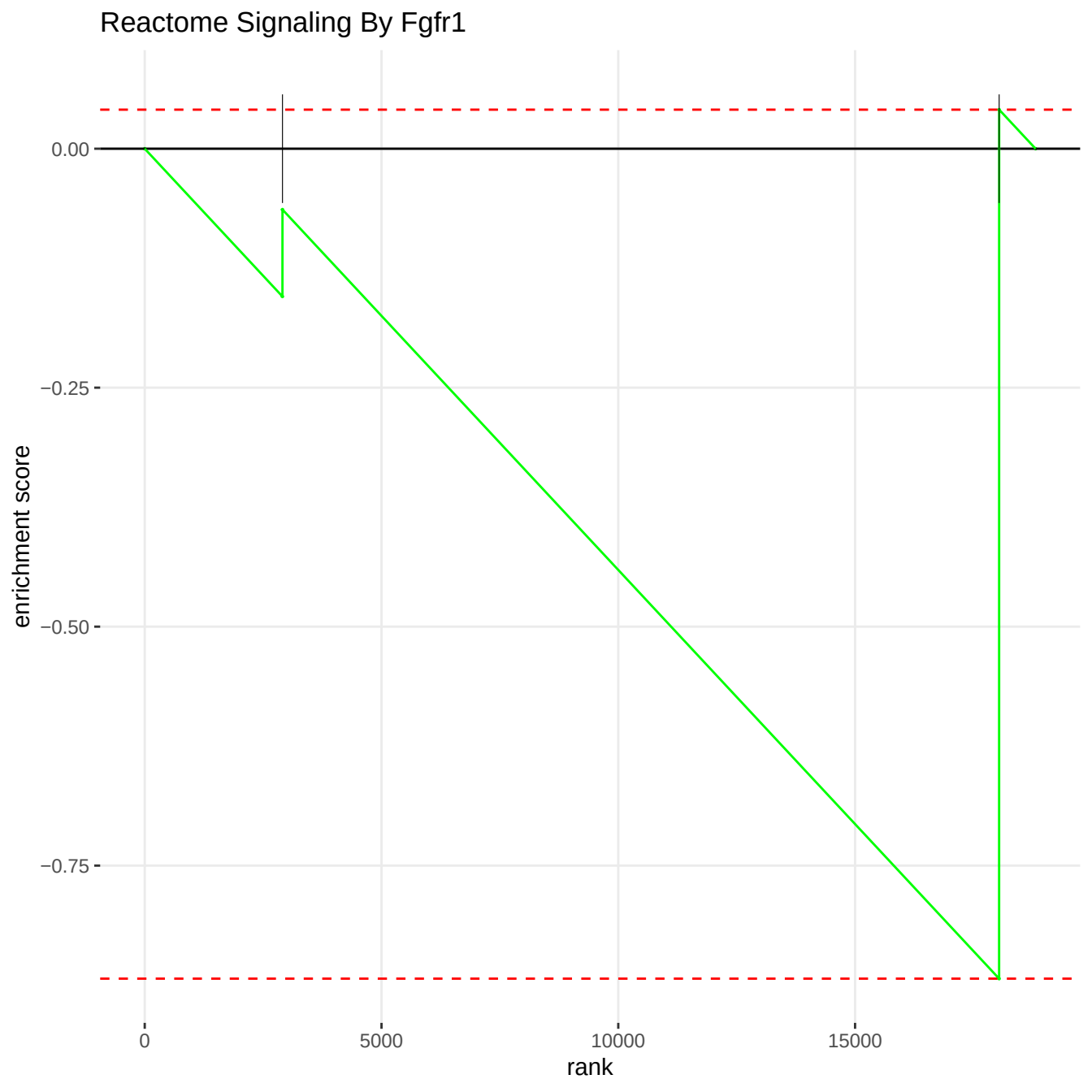

Reactome Sensing Of Dna Double Strand Breaks
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

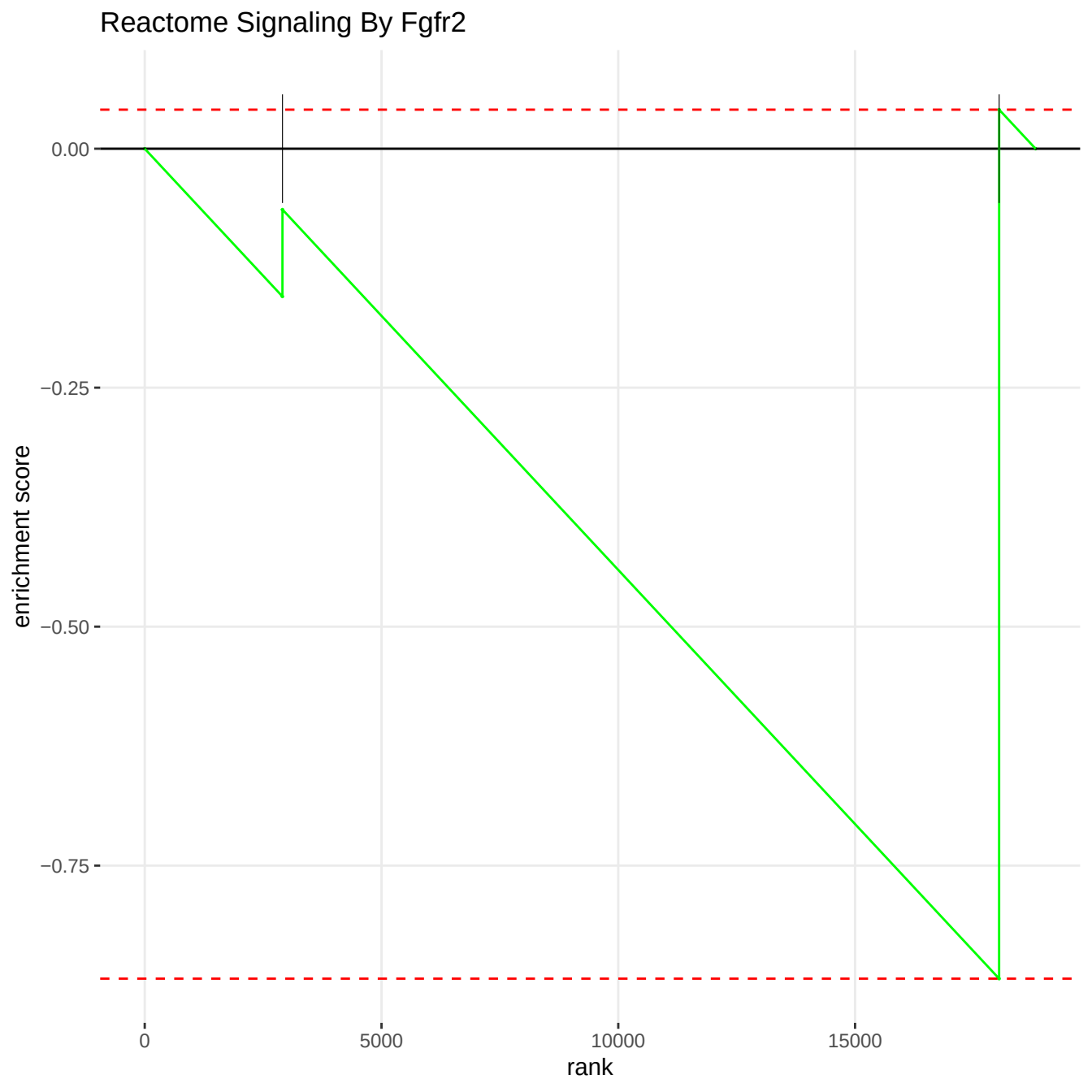

Reactome Separation Of Sister Chromatids
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

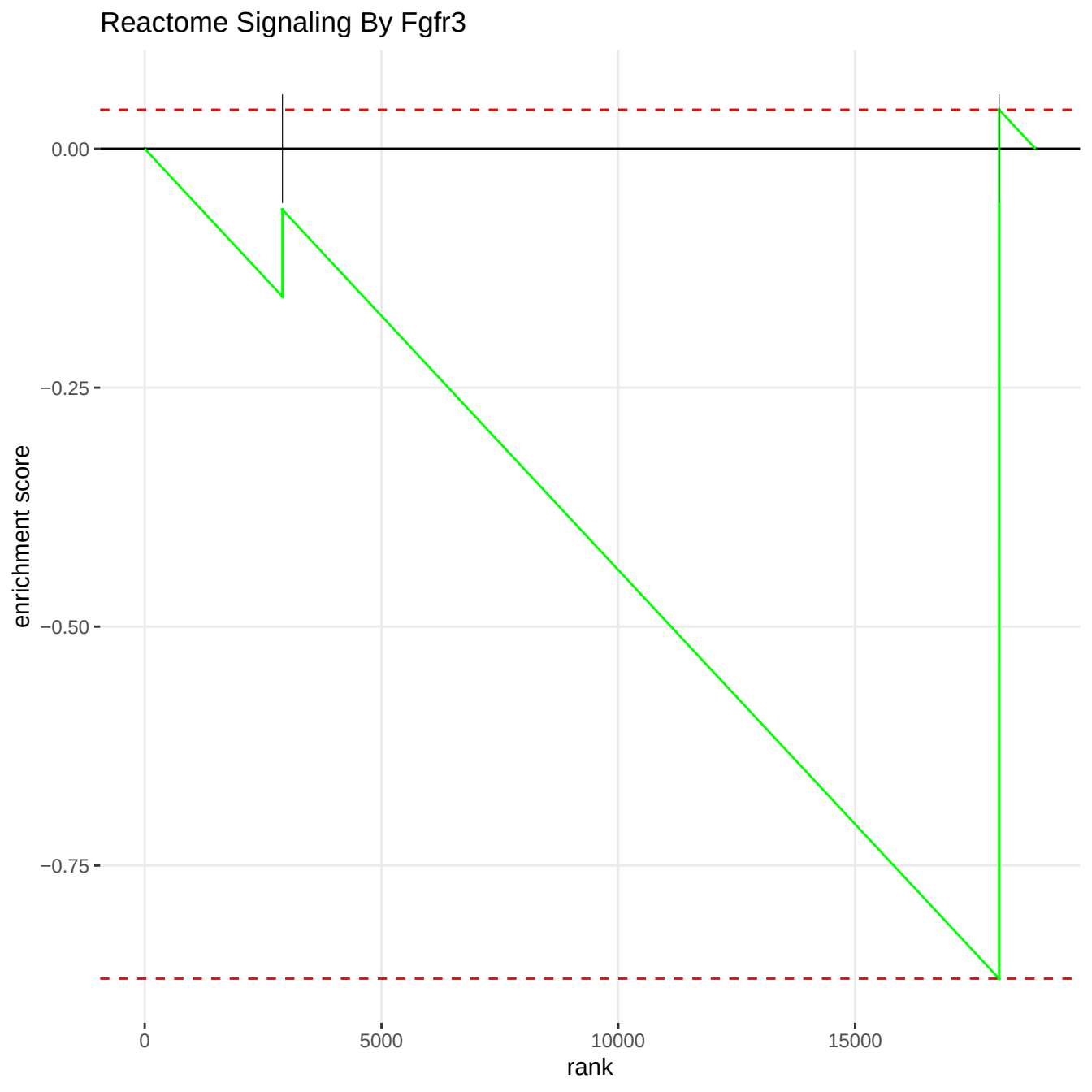

Reactome Serotonin Neurotransmitter Release Cycle
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

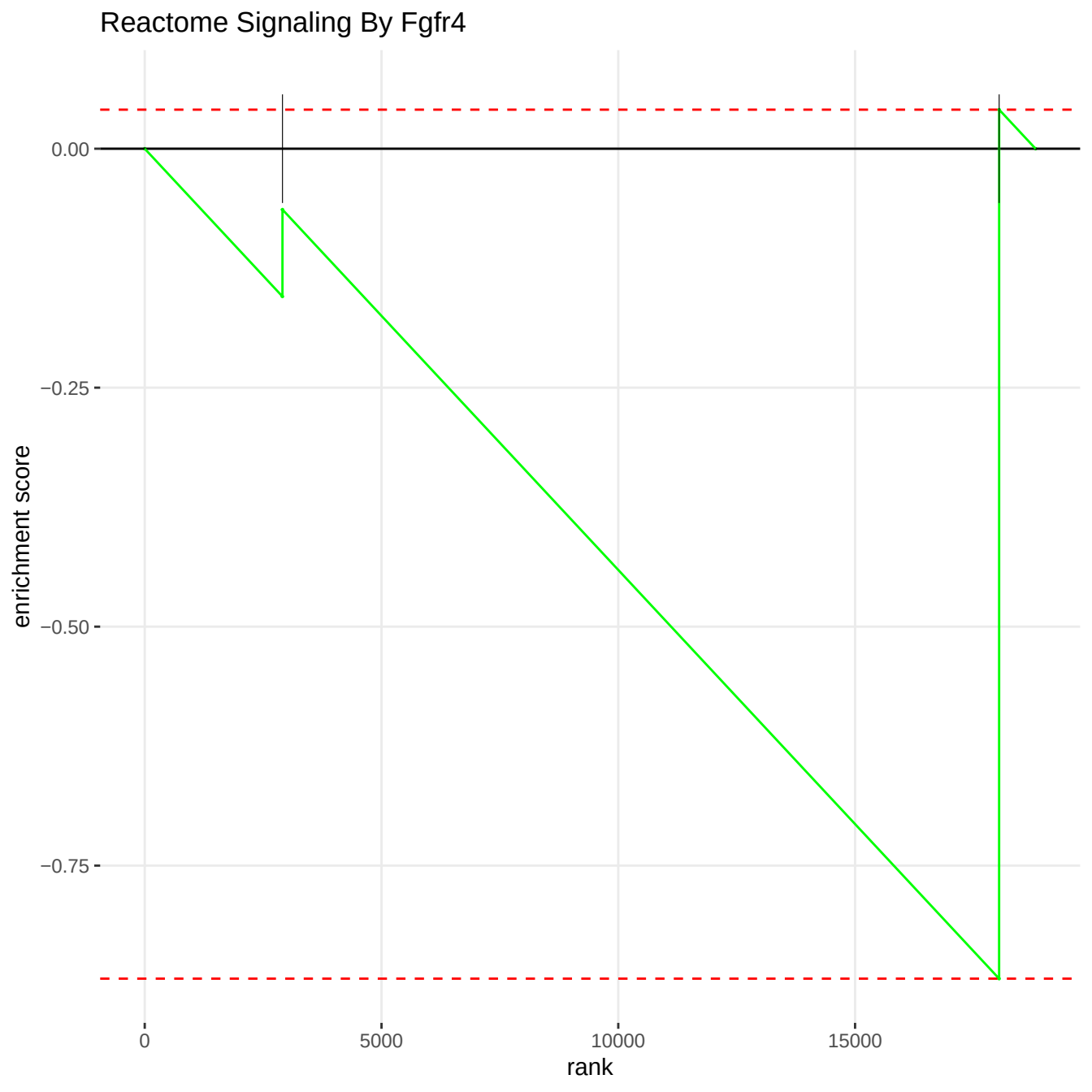

Reactome Signaling By Egfr
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Signaling By Fgfr
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

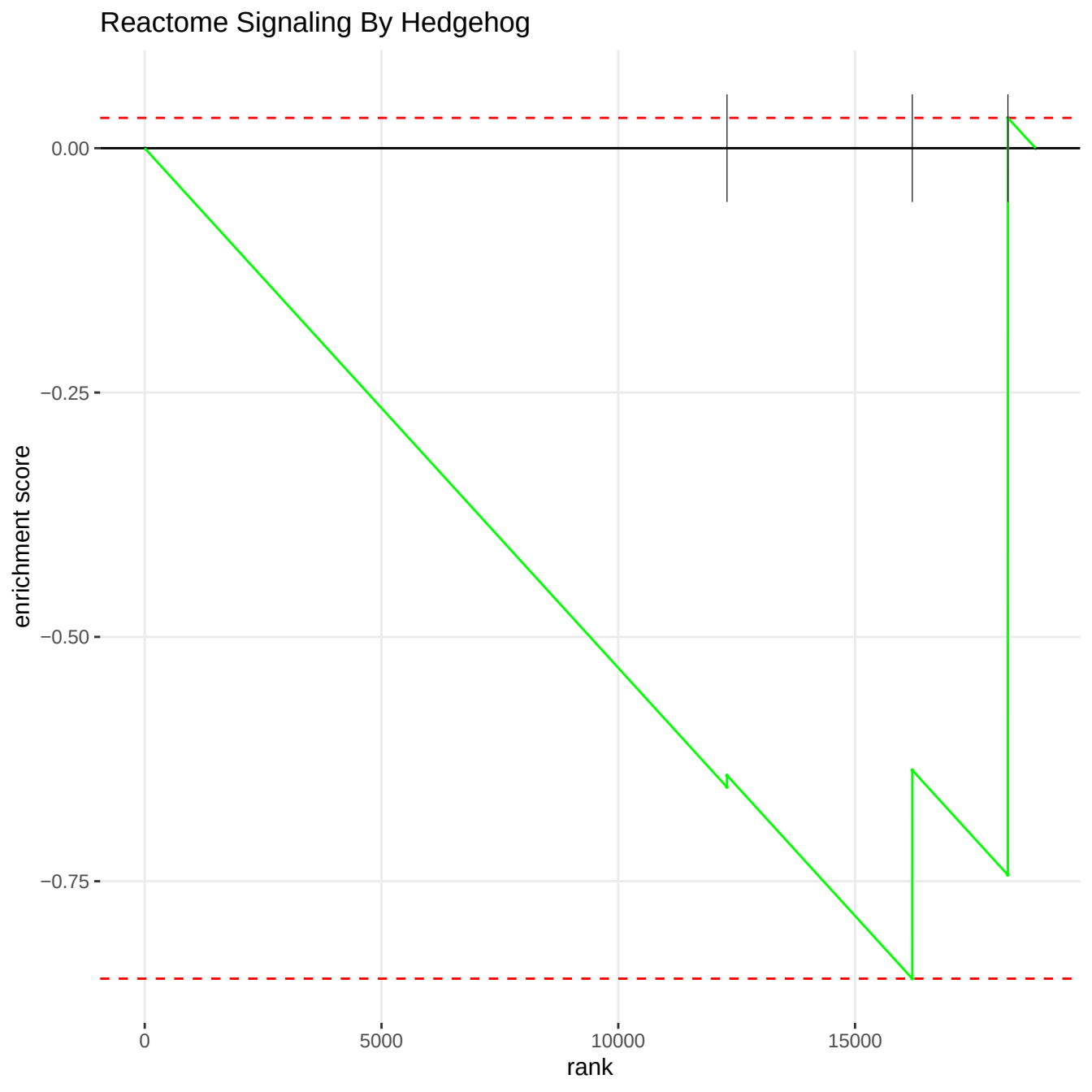

Reactome Signaling By Fgfr1
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

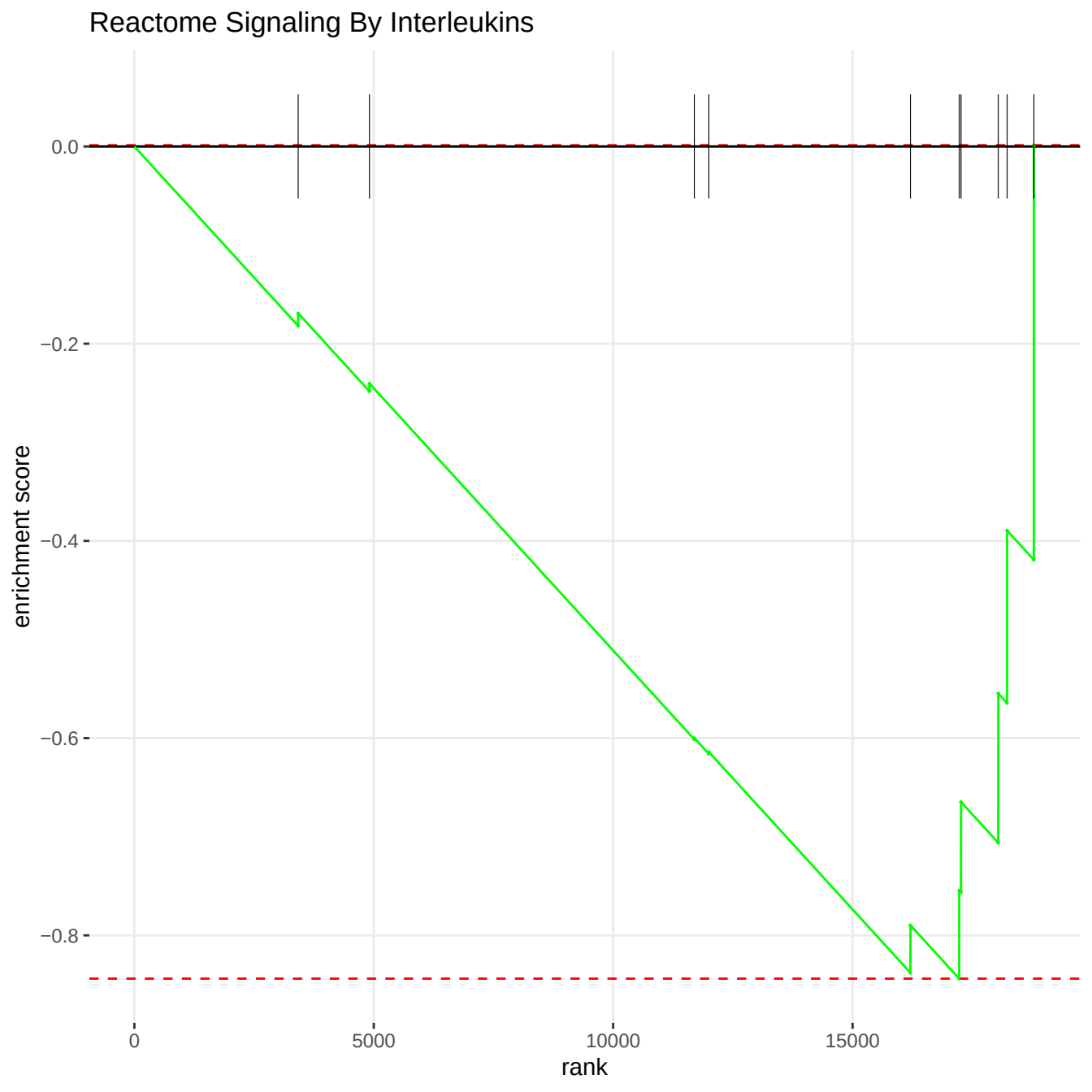

Reactome Signaling By Fgfr2
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

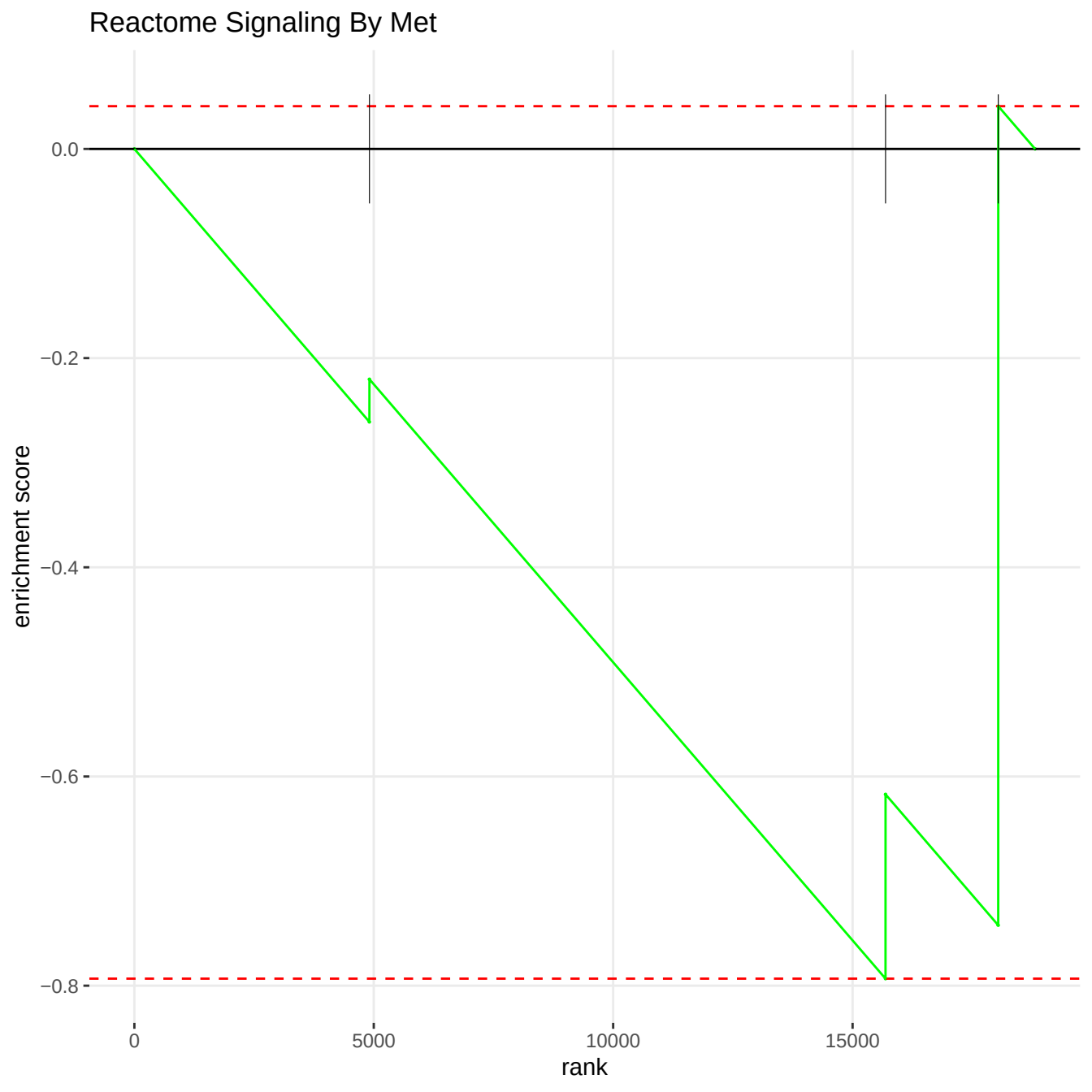

Reactome Signaling By Fgfr3
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

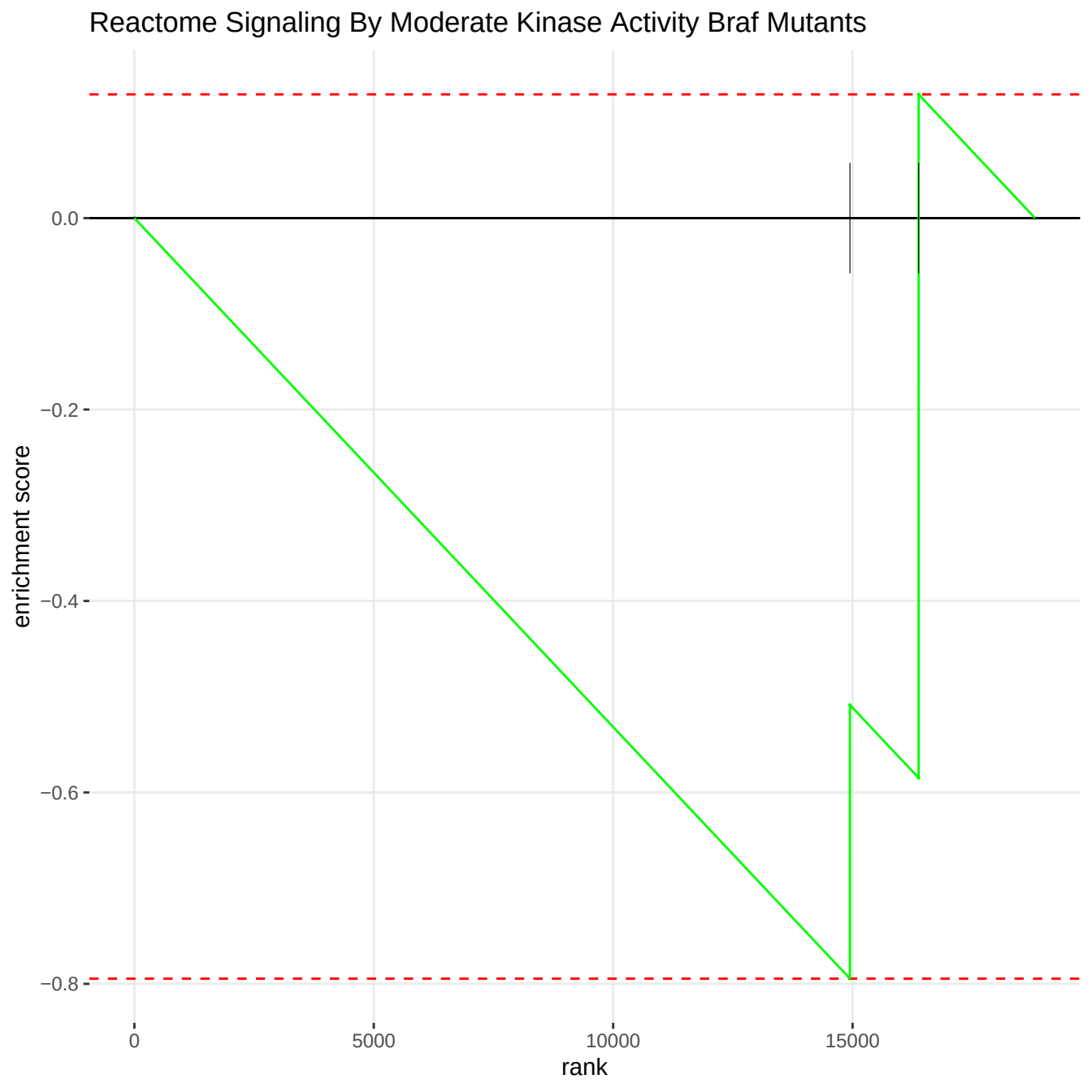

Reactome Signaling By Fgfr4
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

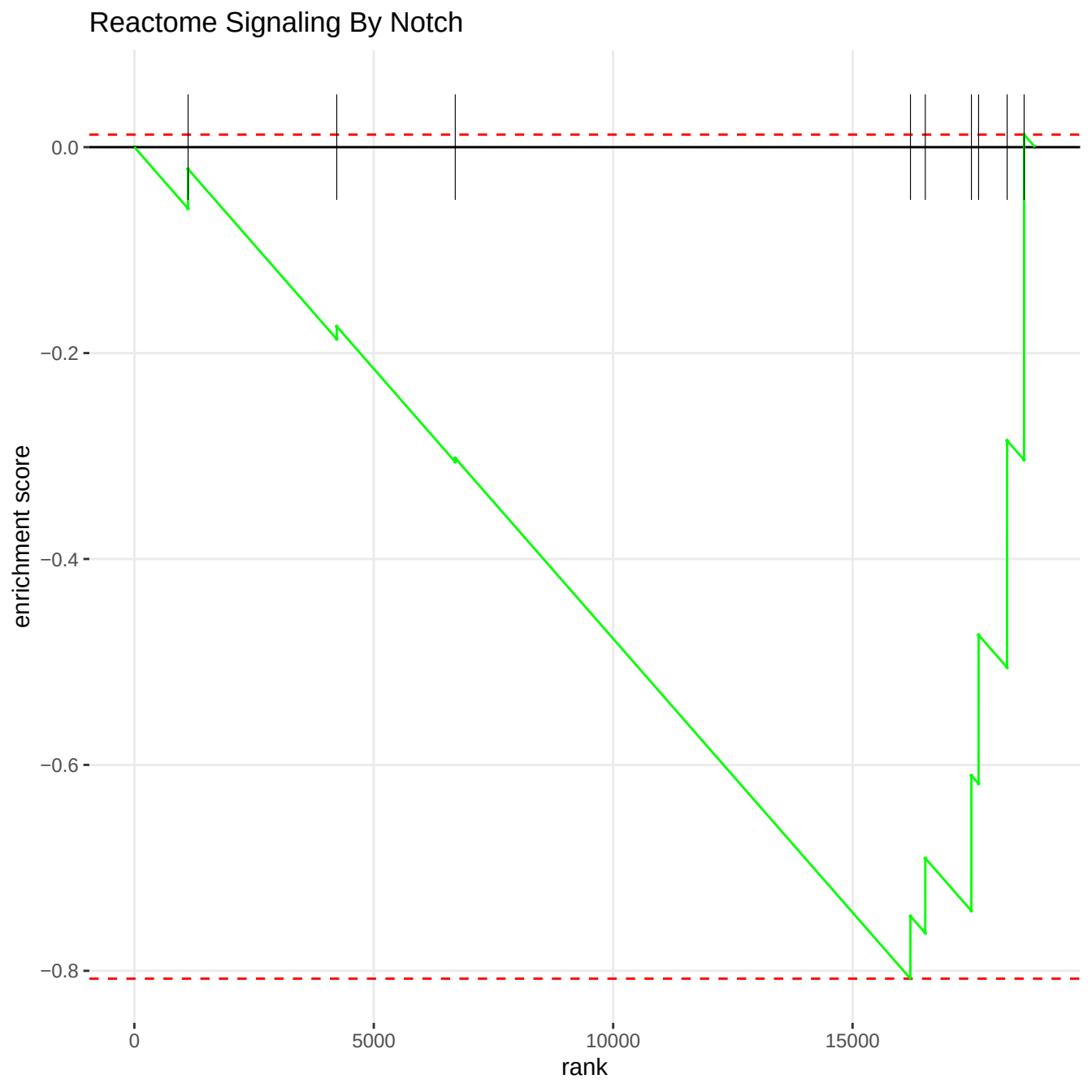
Reactome Signaling By Gpcr
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

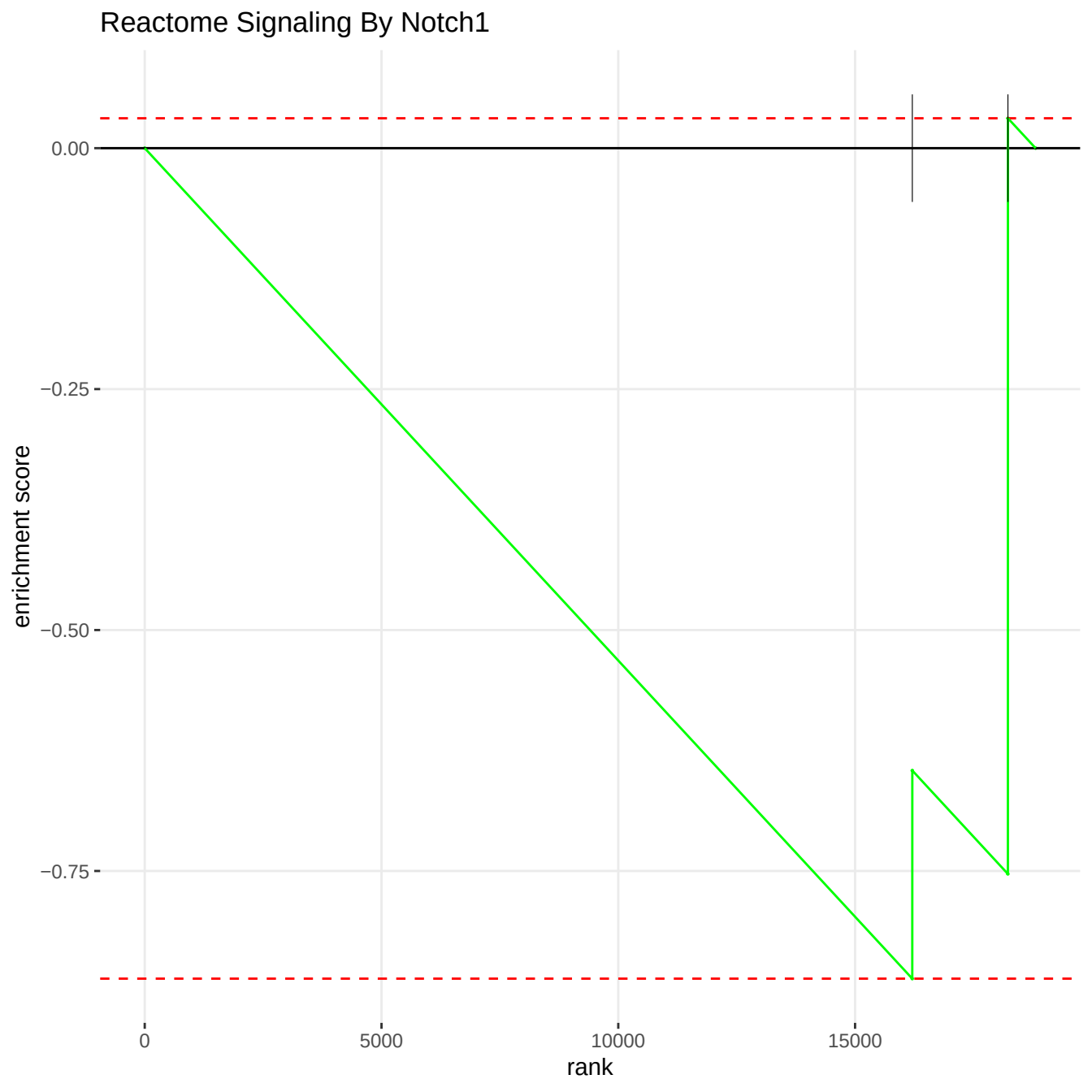

Reactome Signaling By Hedgehog
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

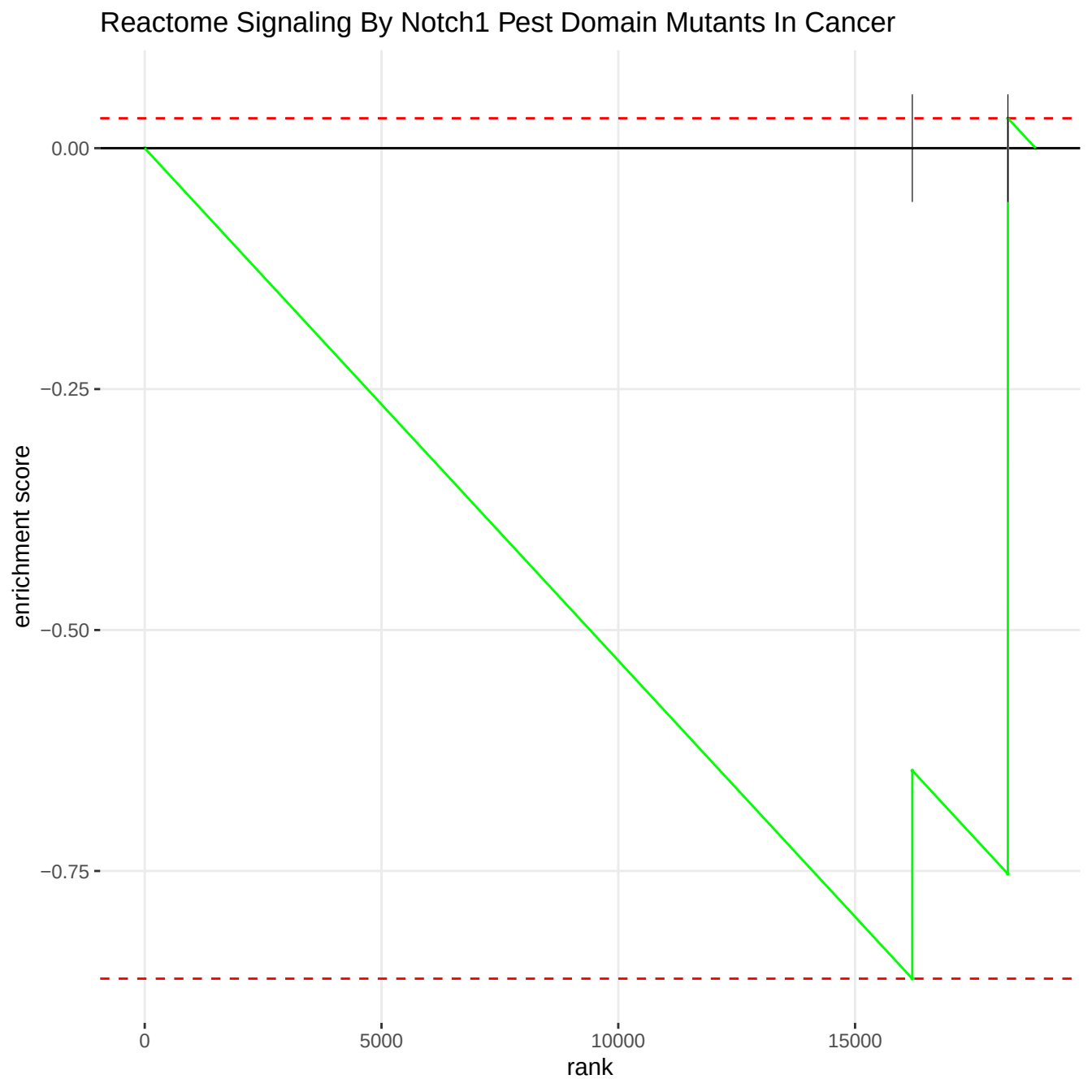

Reactome Signaling By Interleukins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

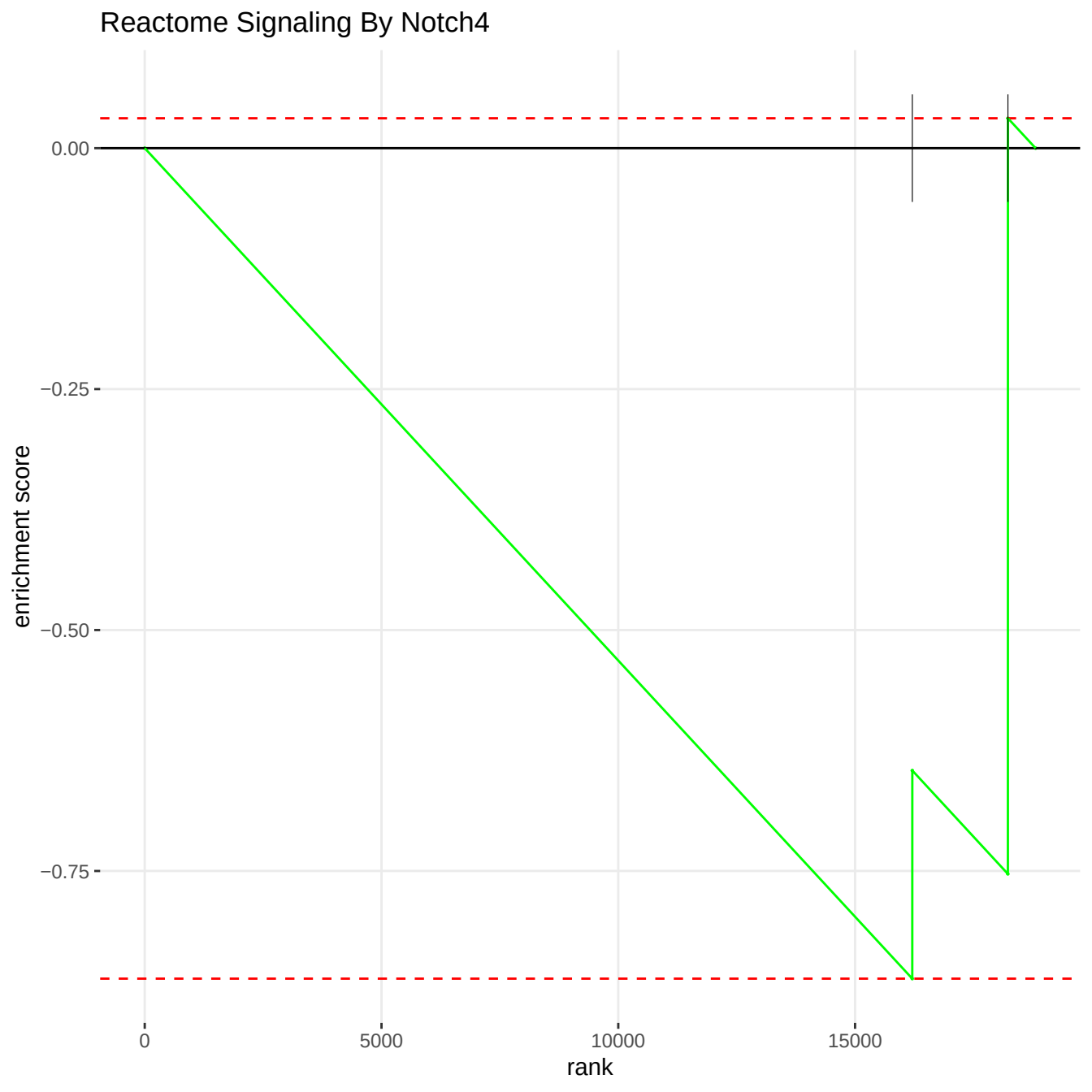

Reactome Signaling By Met
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

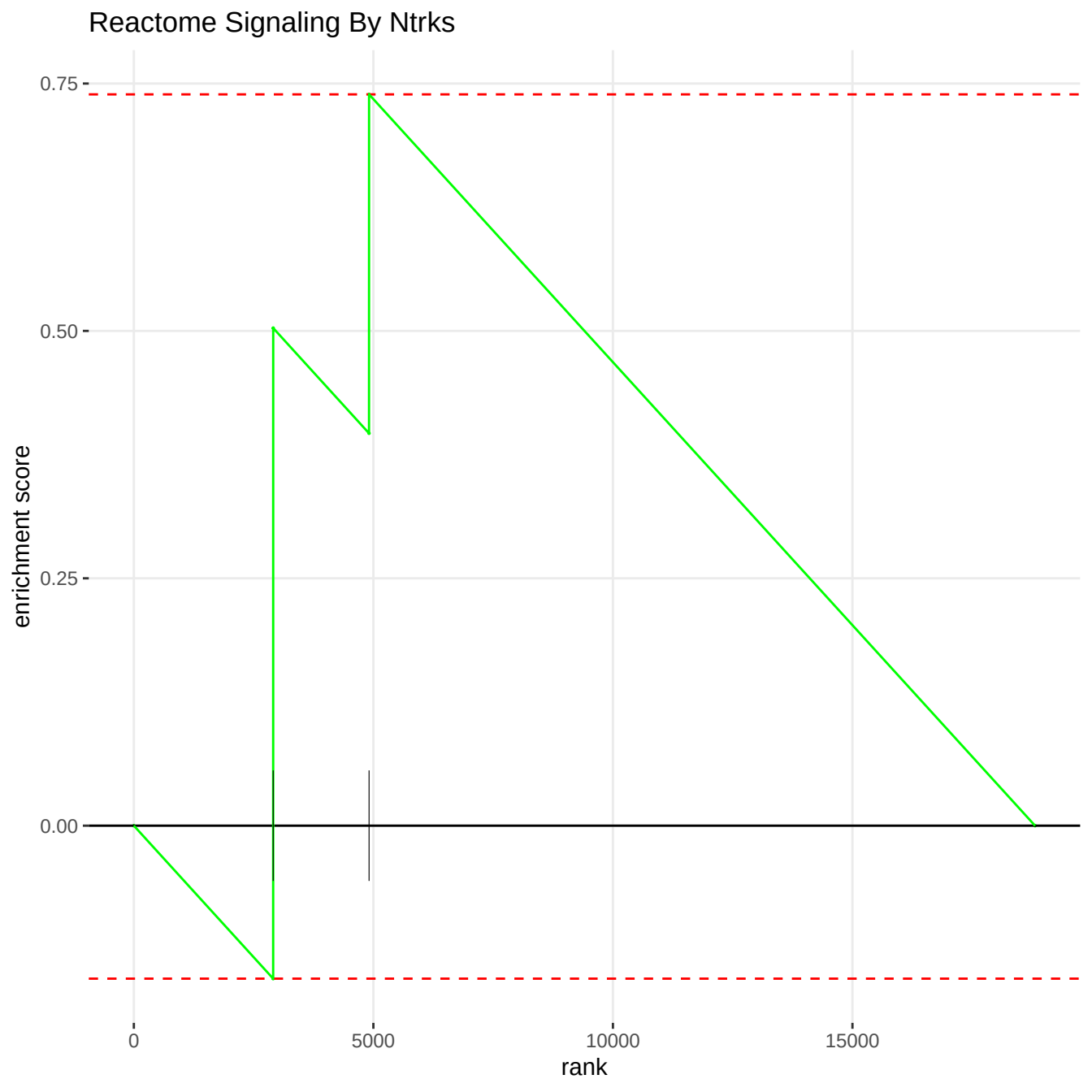

Reactome Signaling By Moderate Kinase Activity Braf Mutants
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Signaling By Notch
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

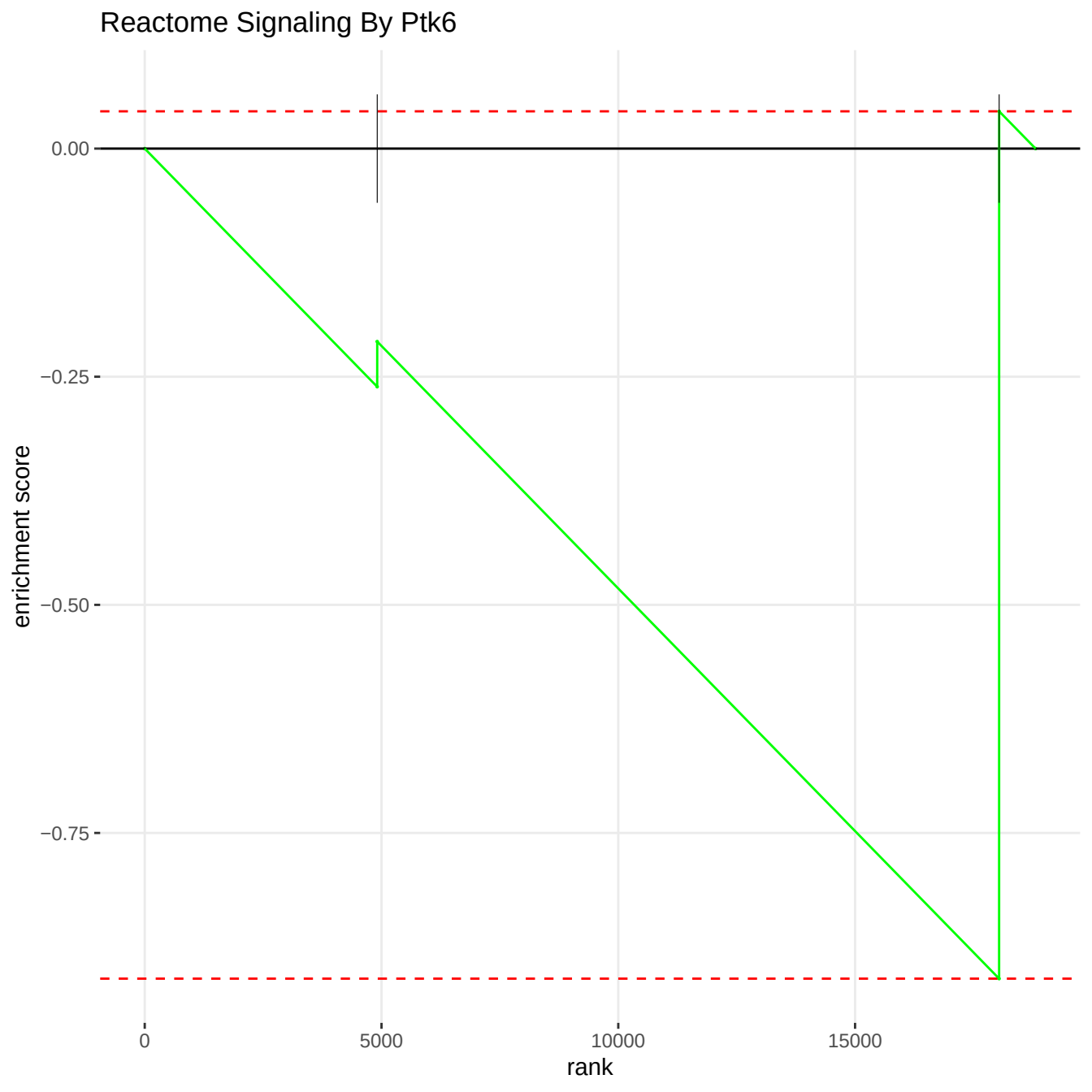

Reactome Signaling By Notch1
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

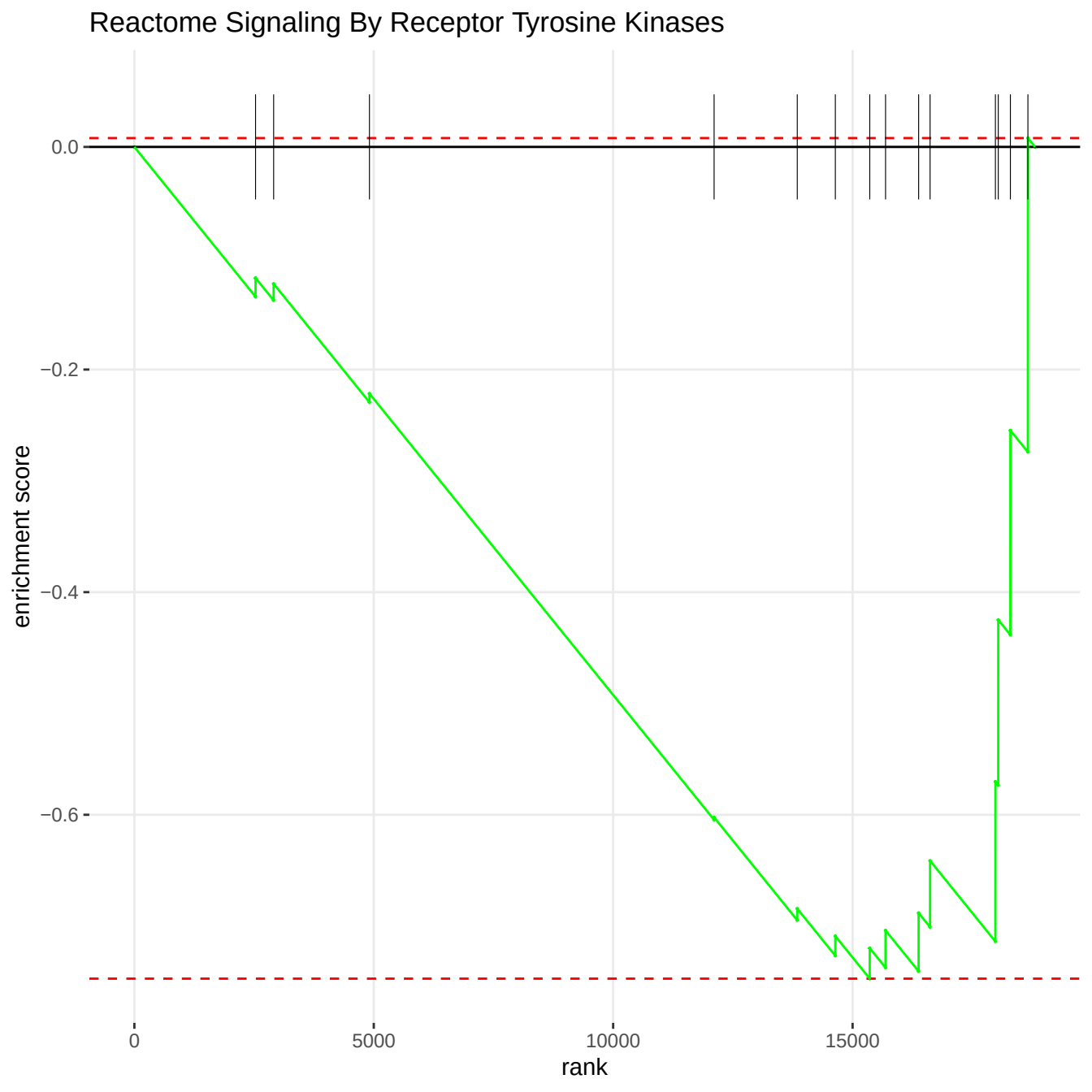

Reactome Signaling By Notch1 Pest Domain Mutants In Cancer
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

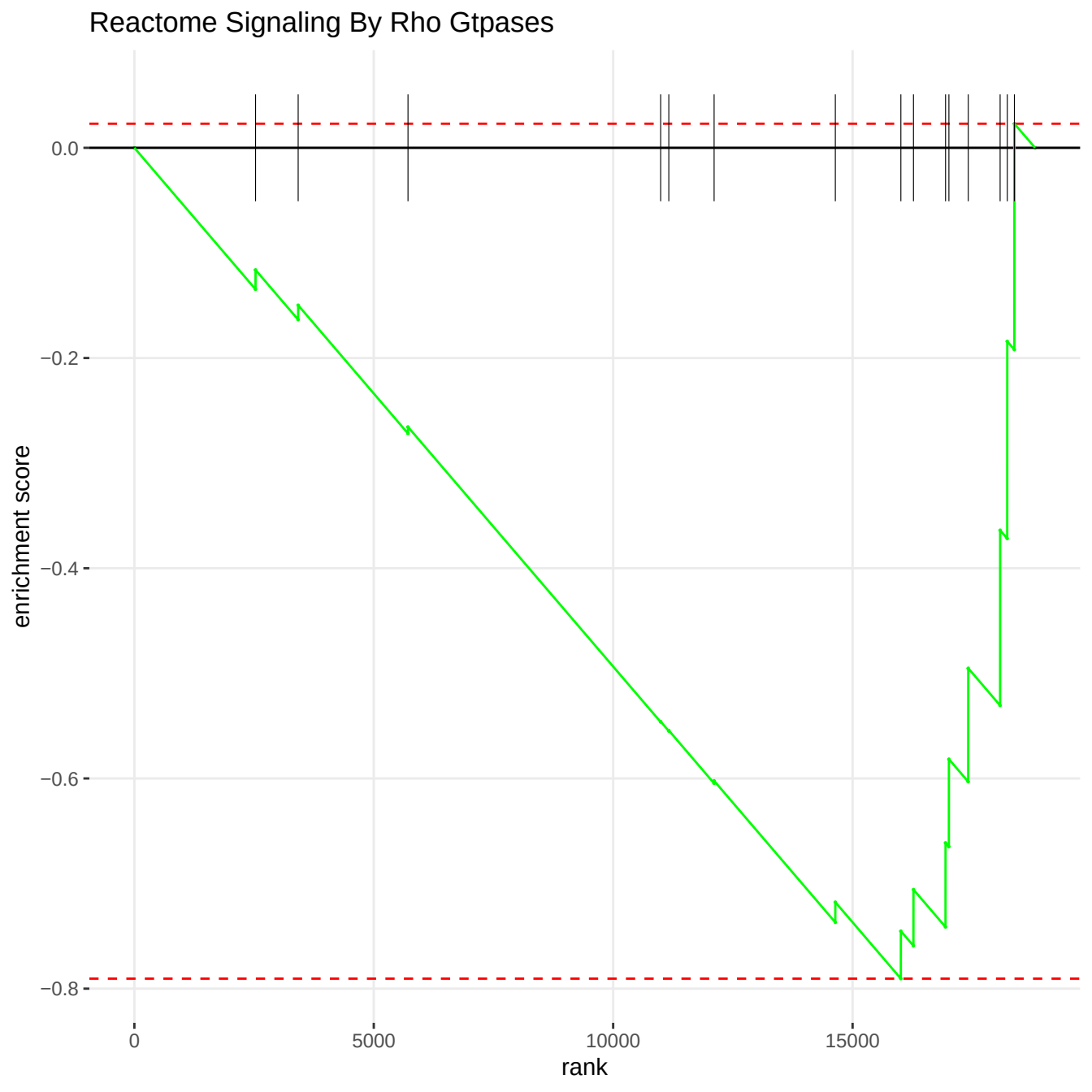

Reactome Signaling By Notch4
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Signaling By Ntrks
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

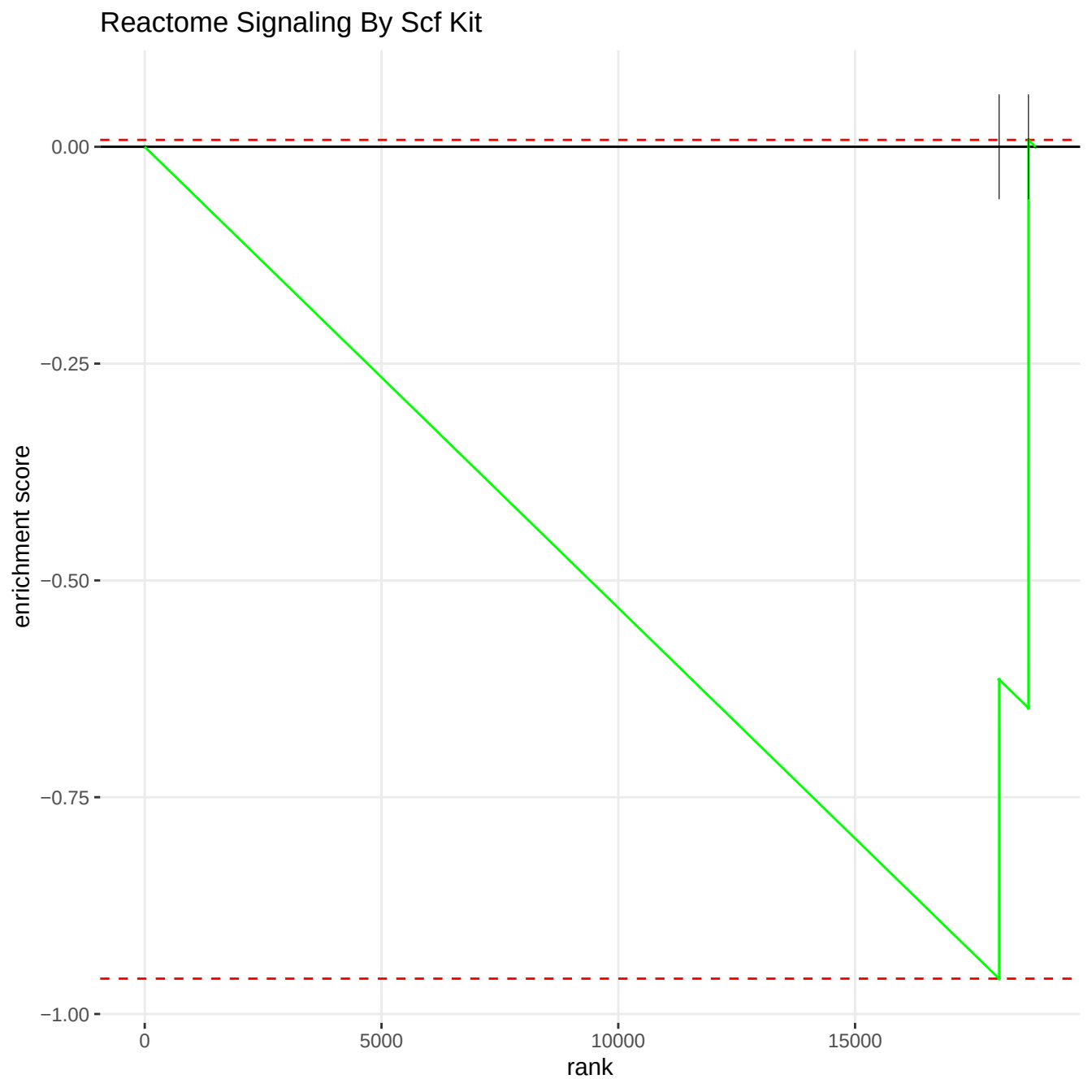
Reactome Signaling By Nuclear Receptors
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

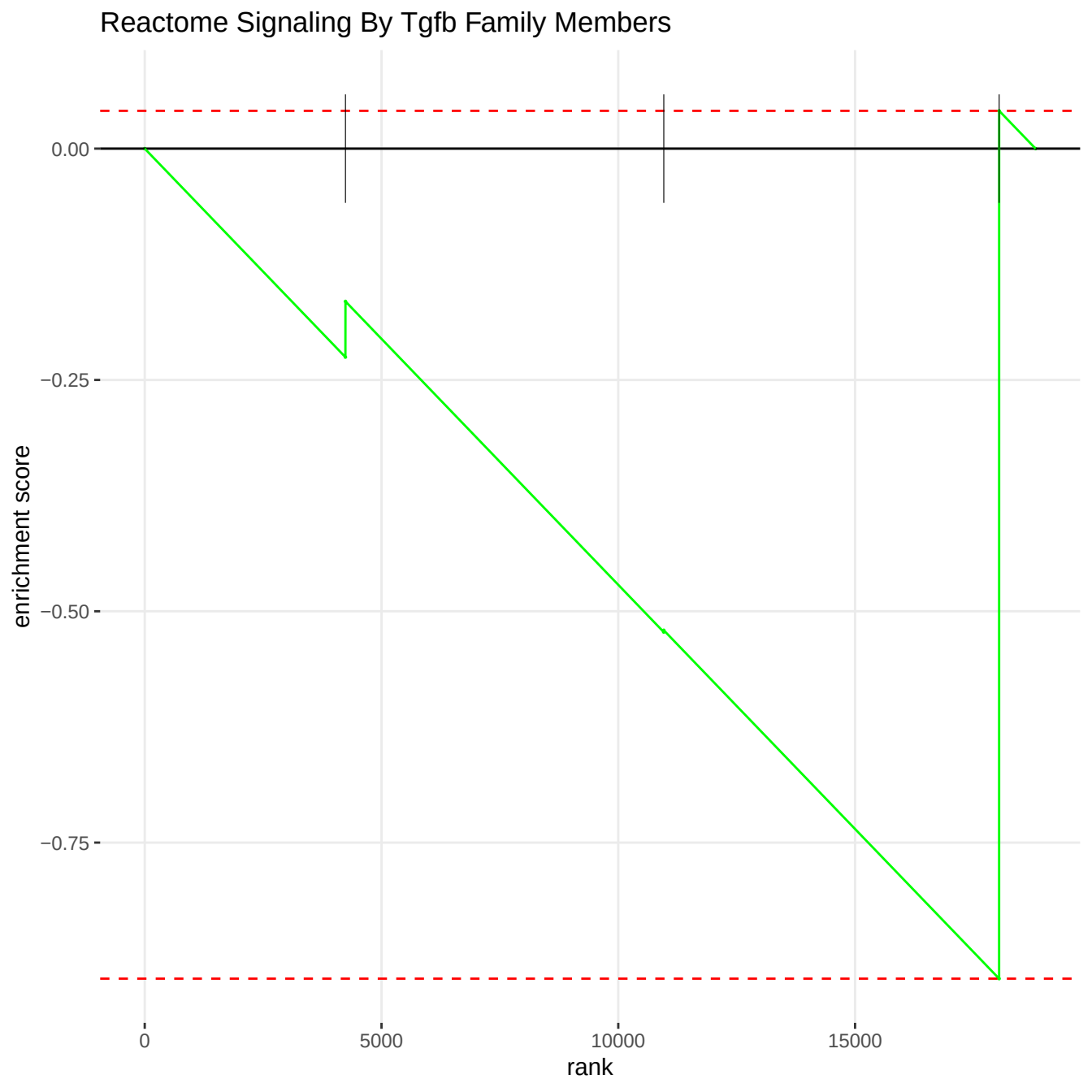

Reactome Signaling By Ptk6
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

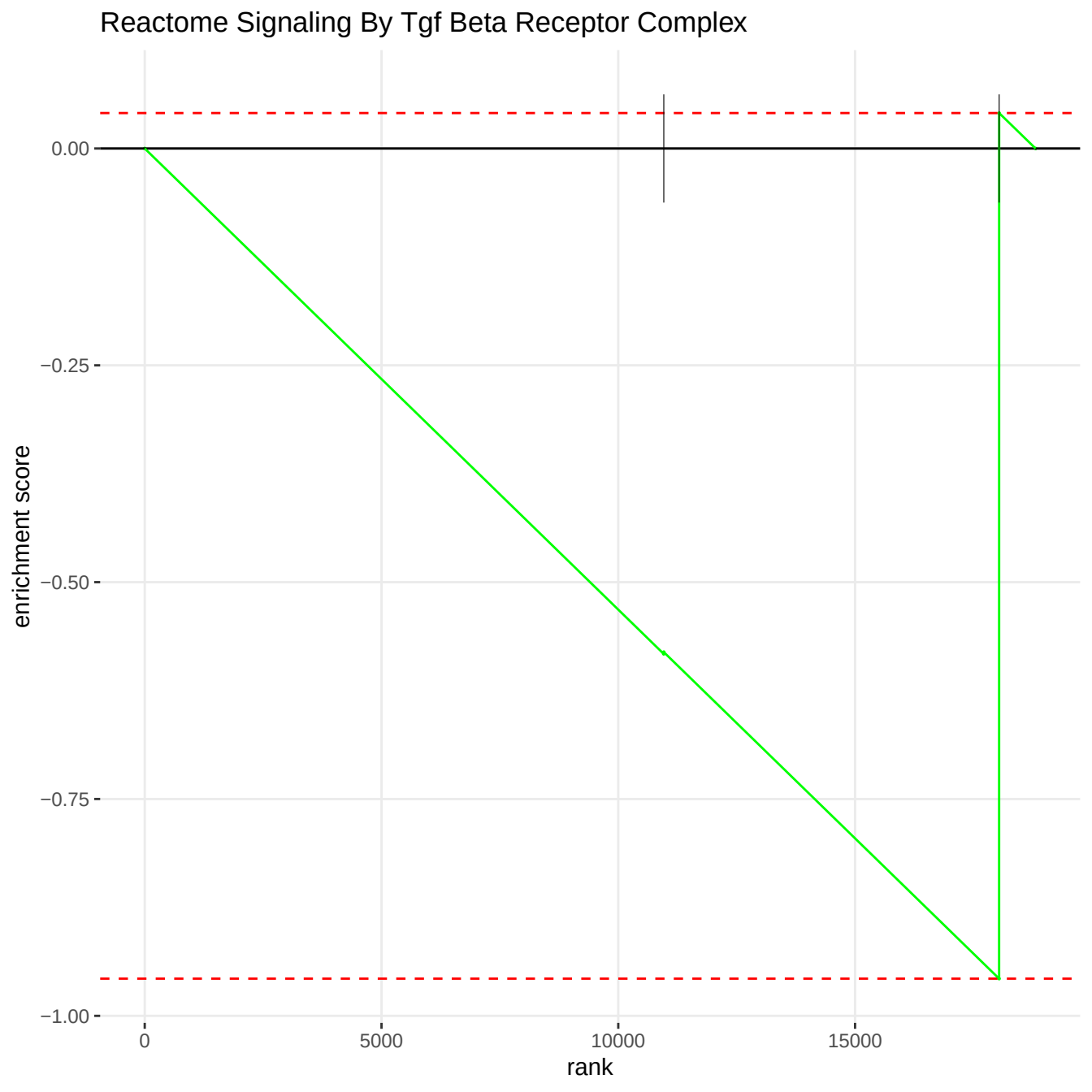

Reactome Signaling By Receptor Tyrosine Kinases
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

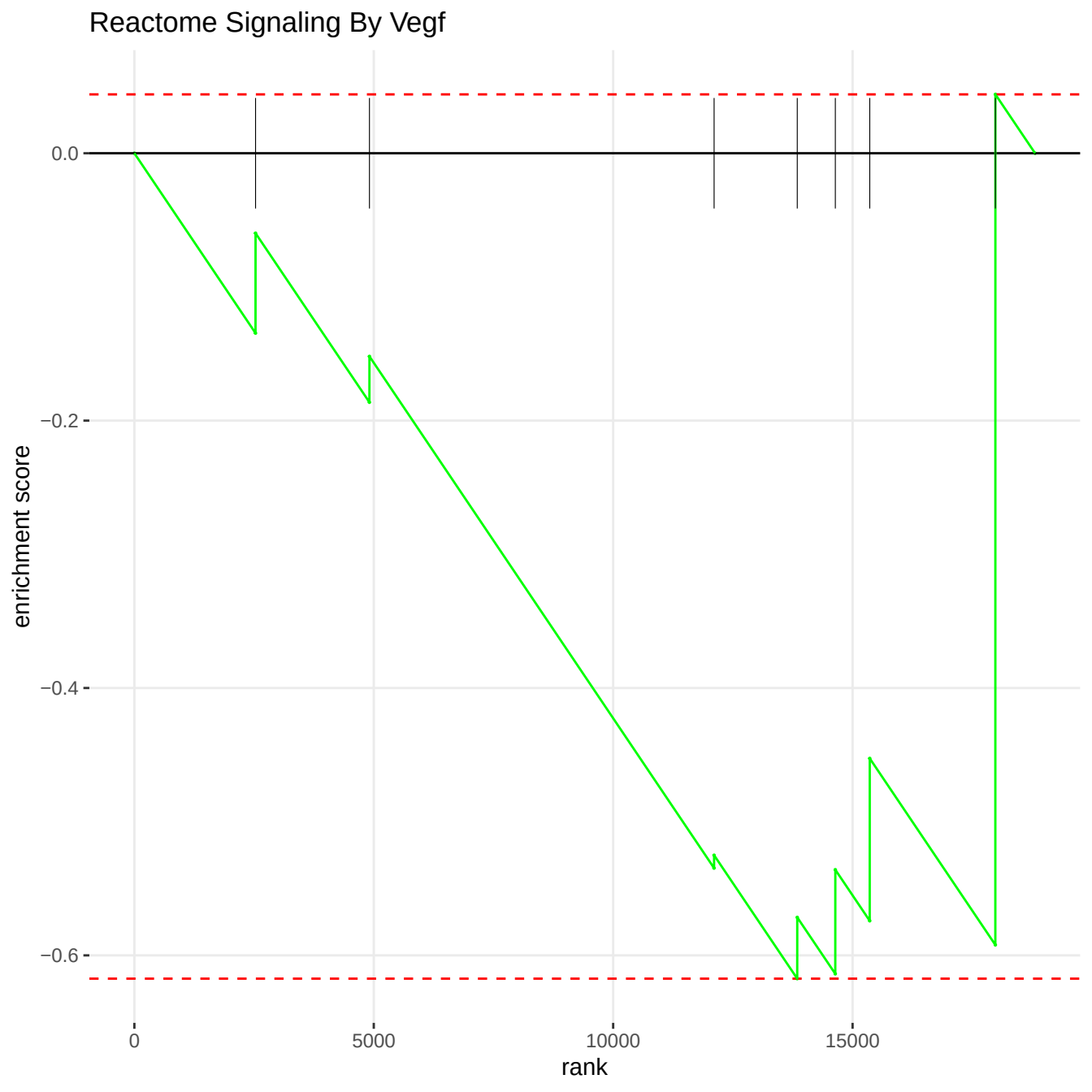

Reactome Signaling By Rho Gtpases
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

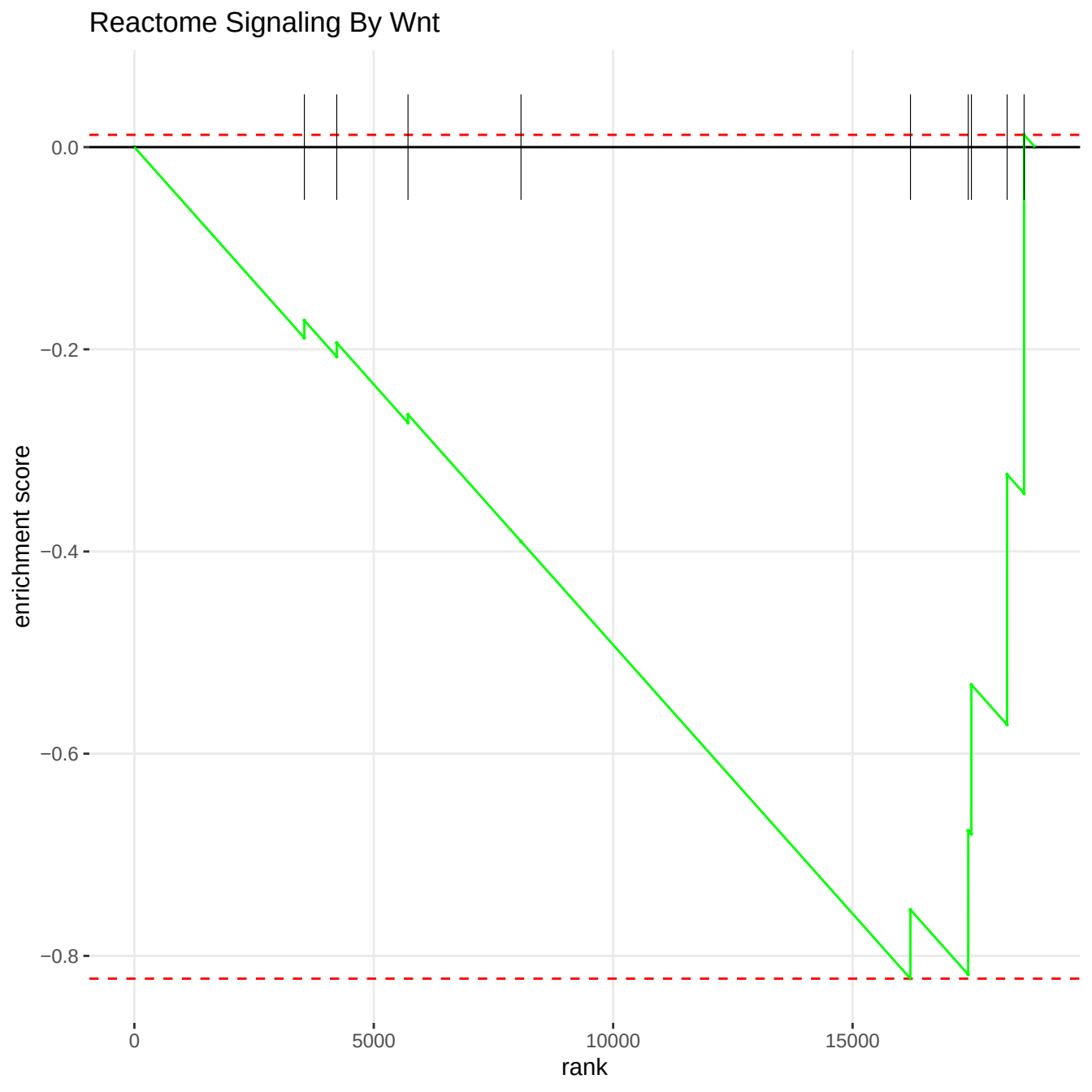
Reactome Signaling By Robo Receptors
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

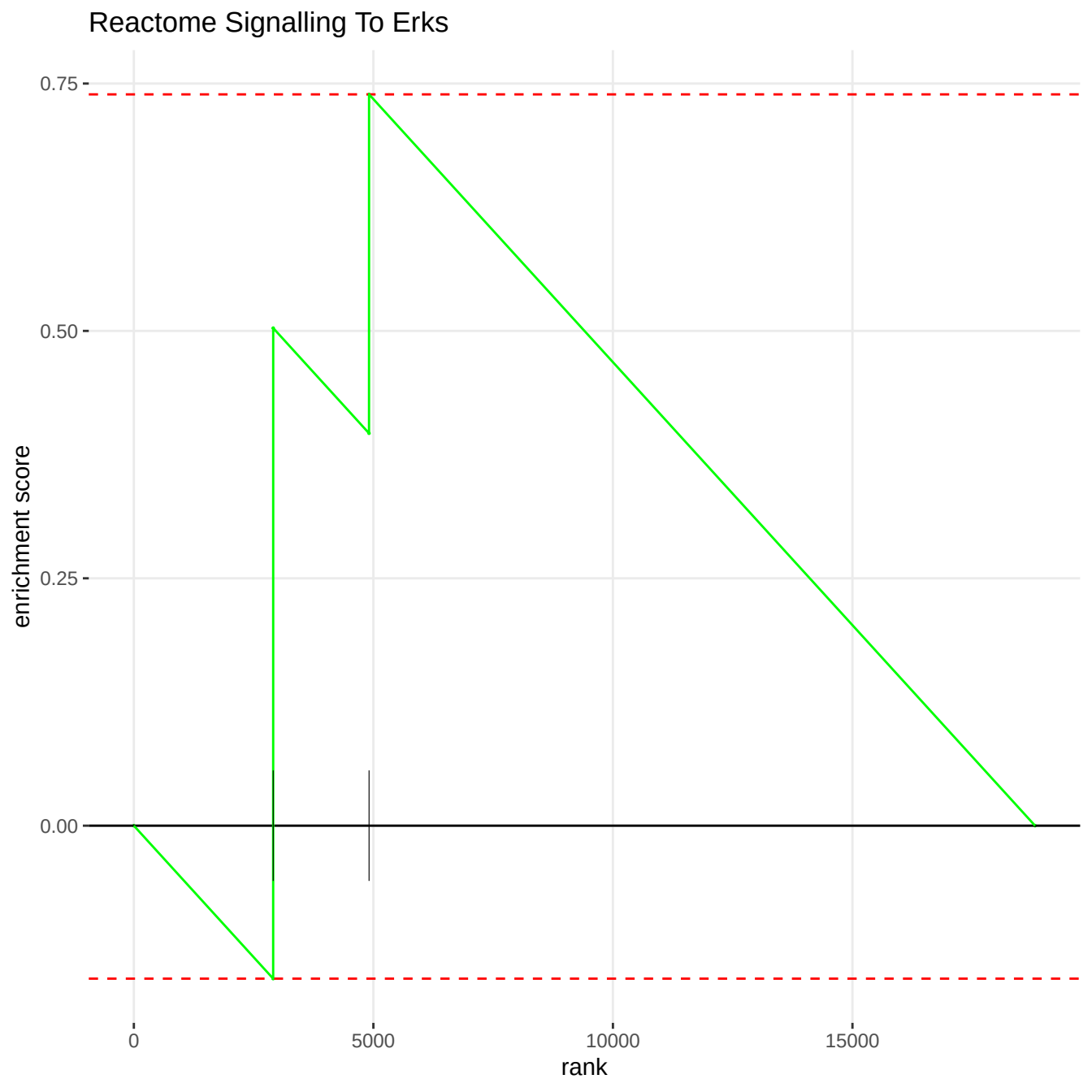

Reactome Signaling By Scf Kit
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

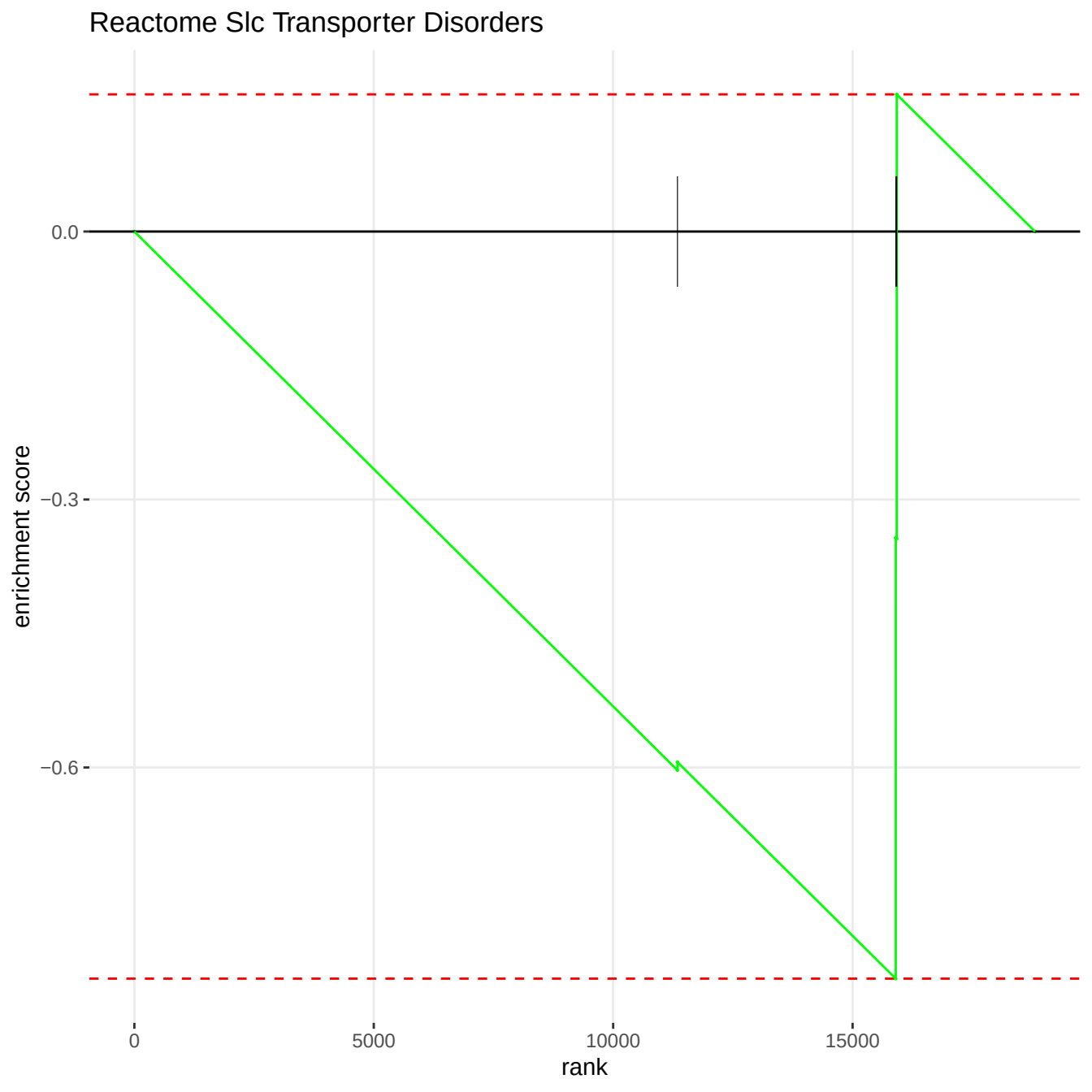

Reactome Signaling By Tgfb Family Members
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

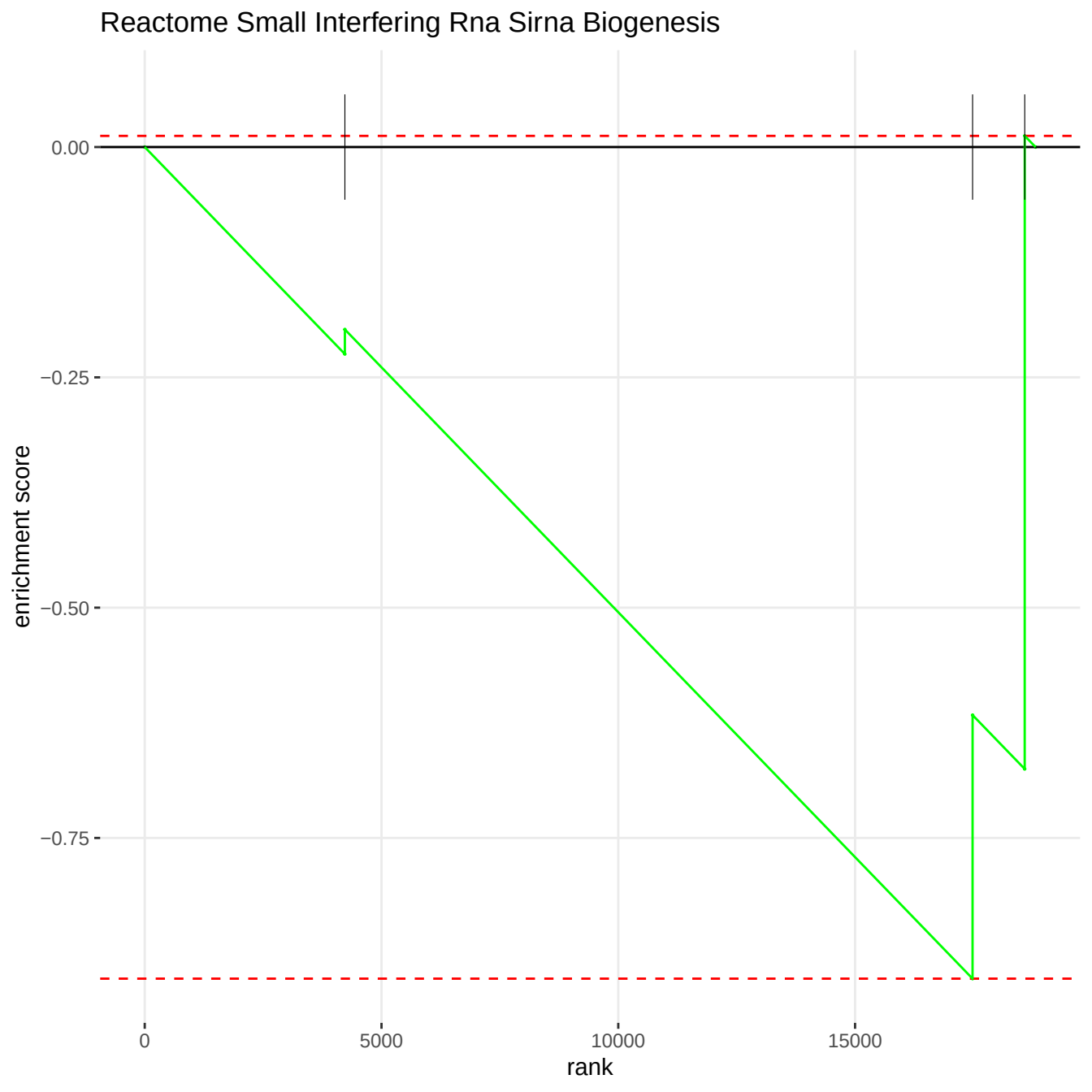

Reactome Signaling By Tgf Beta Receptor Complex
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank

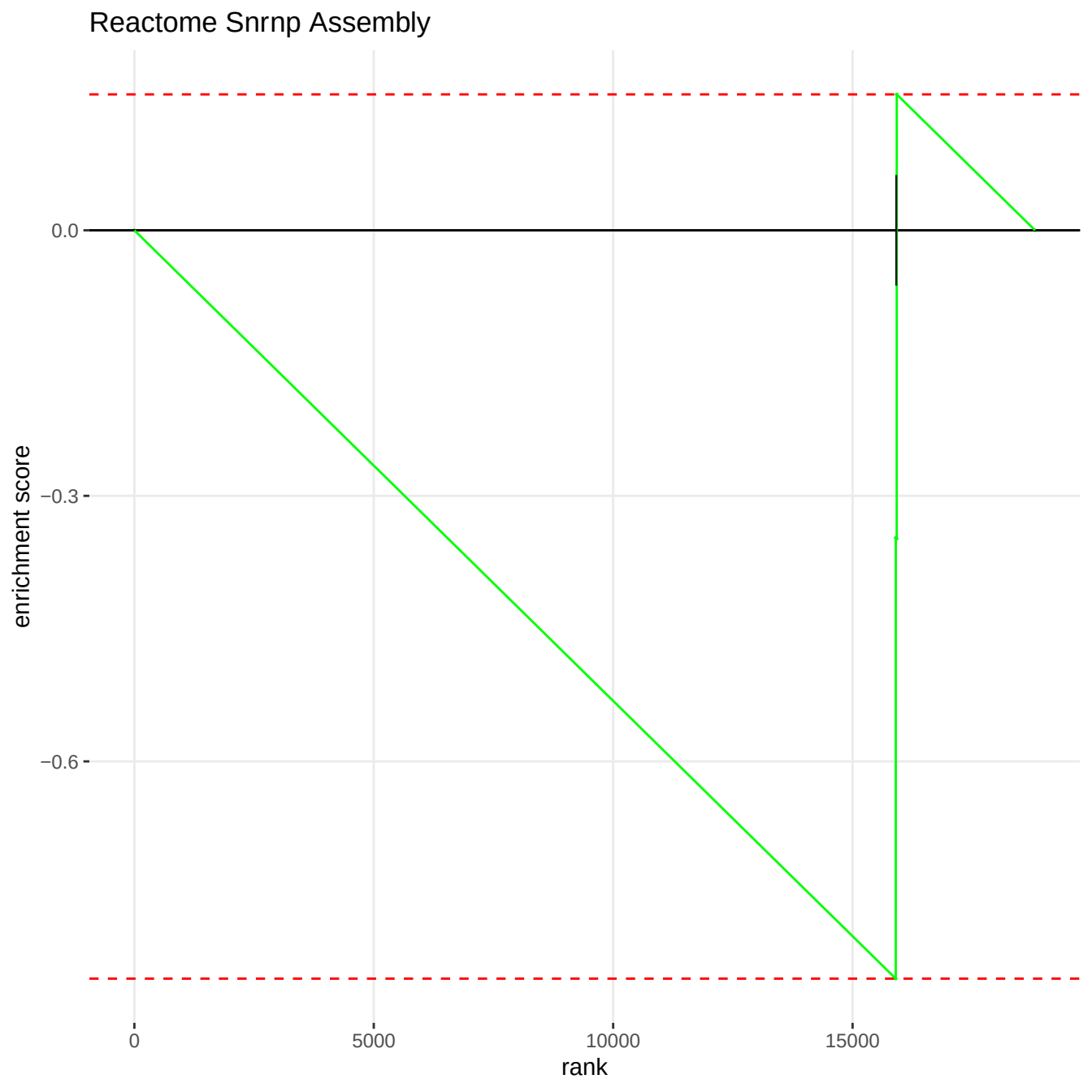

Reactome Signaling By Vegf
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

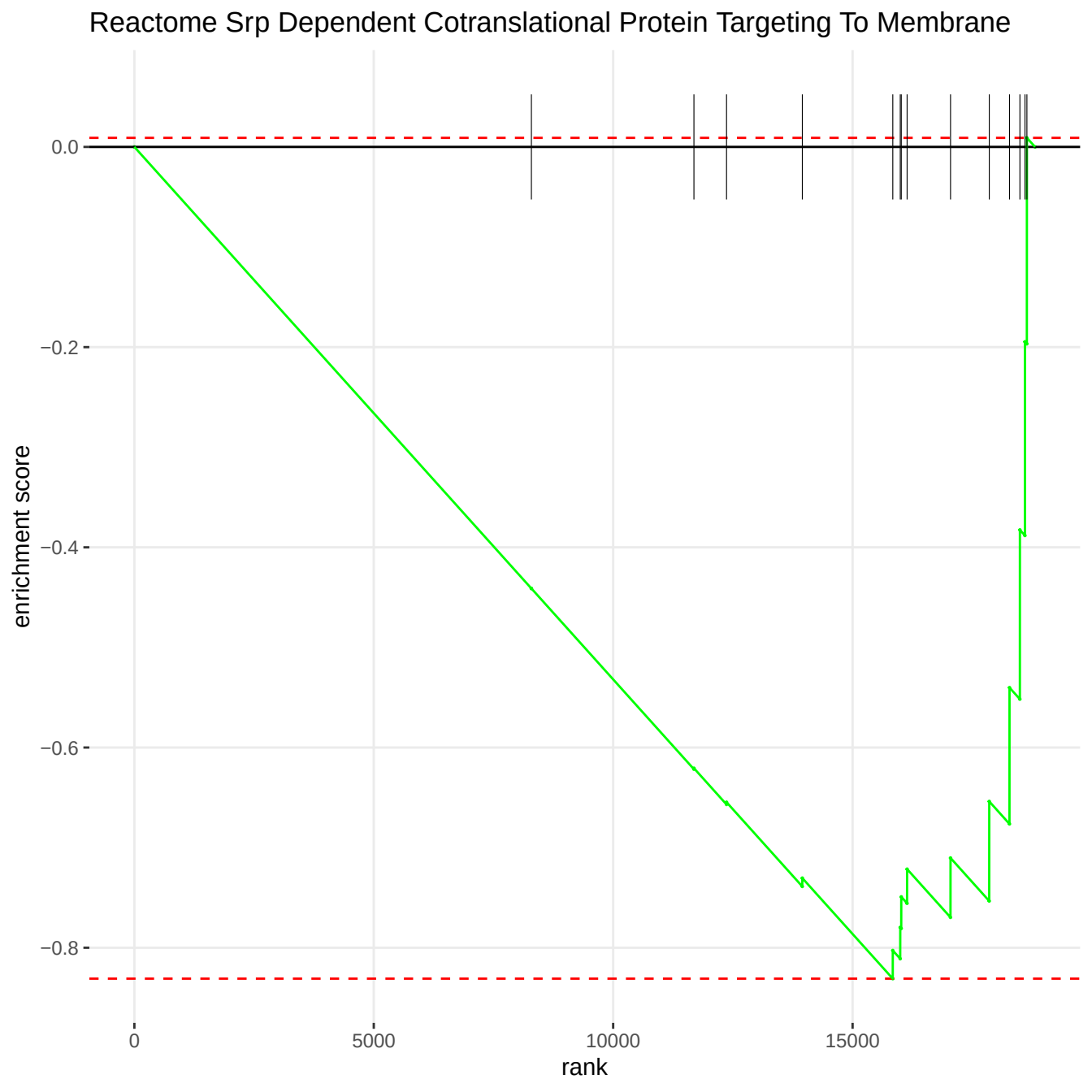

Reactome Signaling By Wnt
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

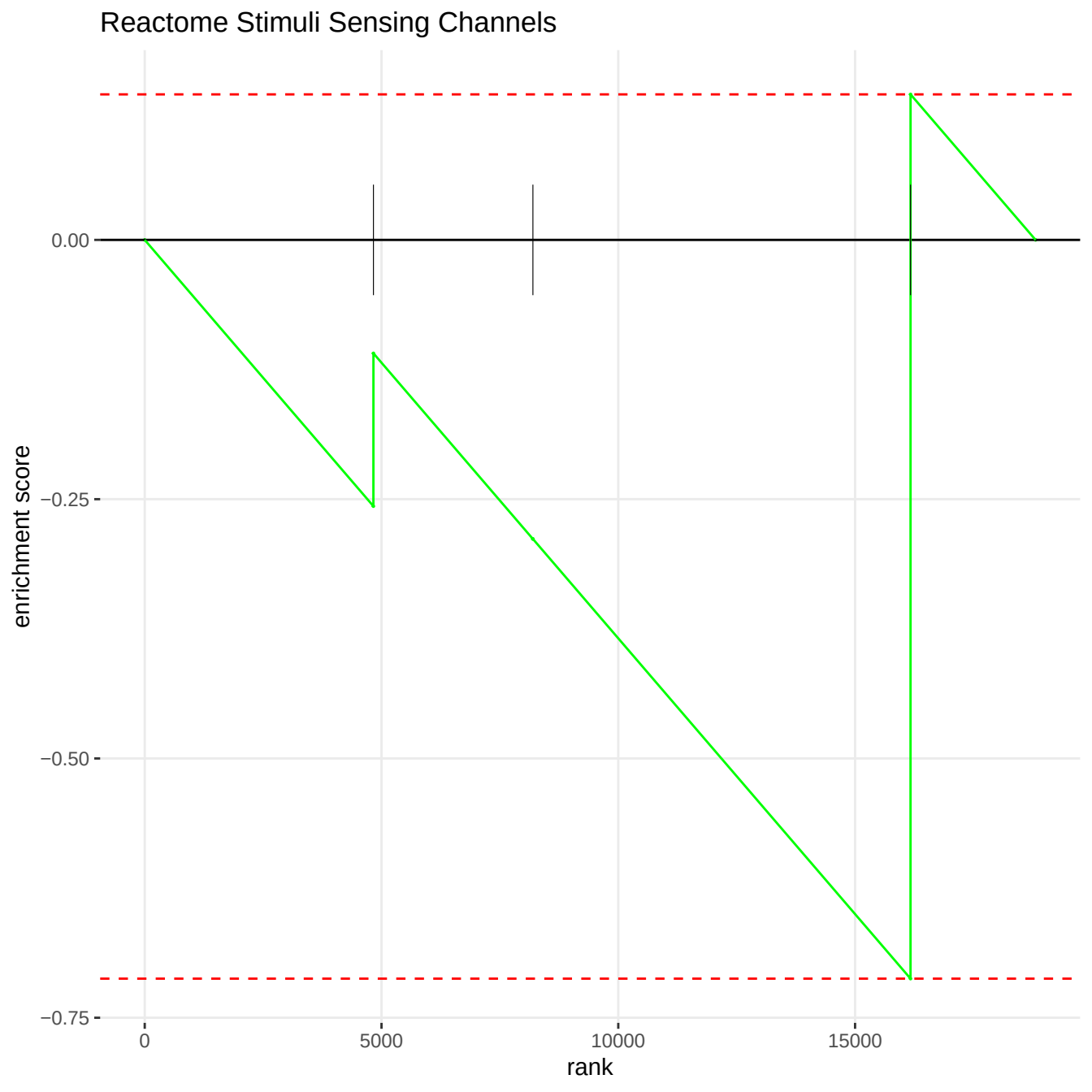

Reactome Signalling To Erks
0.75
0.50
0.25
0.00
enrichment score
0
5000
10000
15000
rank

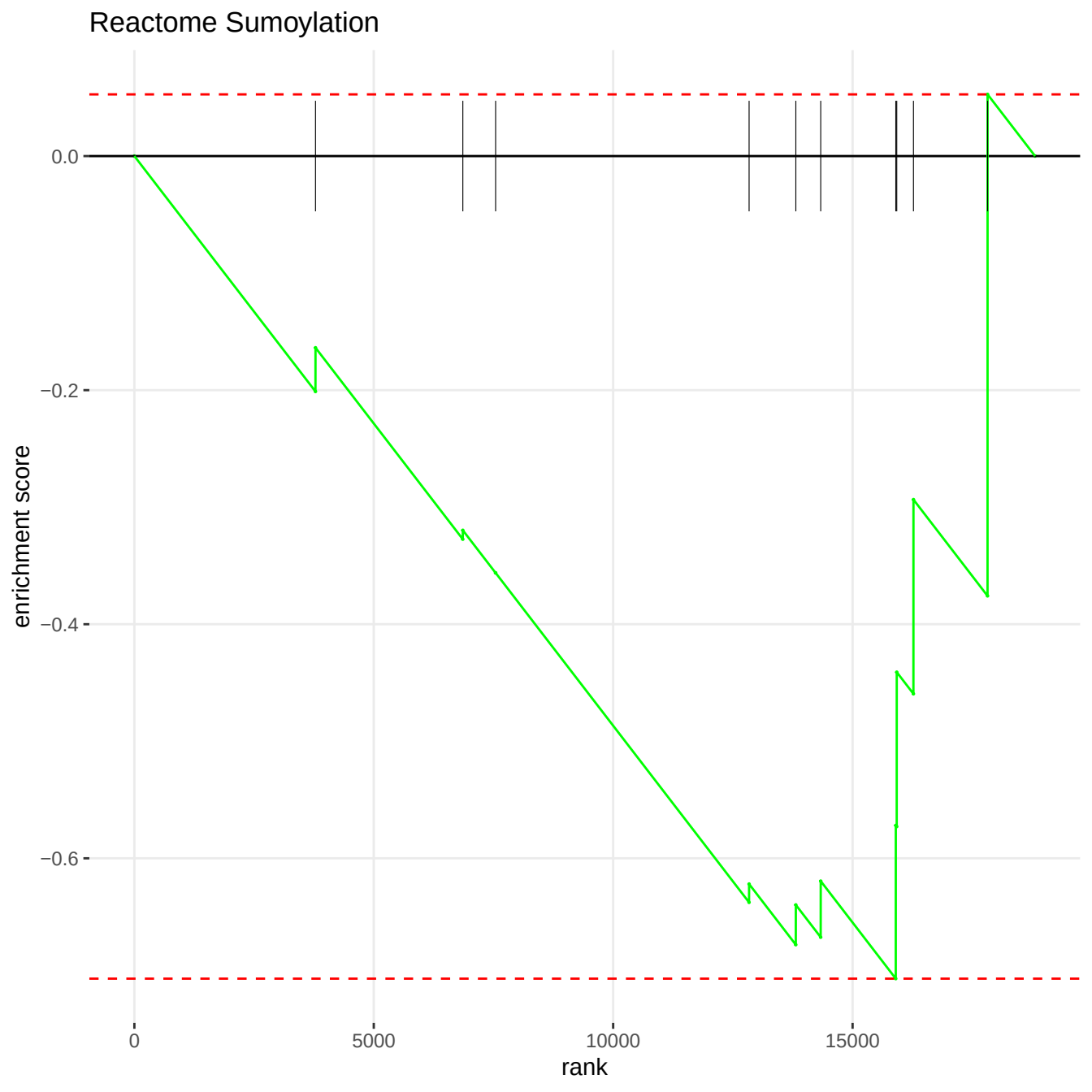

Reactome Slc Transporter Disorders
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Small Interfering Rna Sirna Biogenesis
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

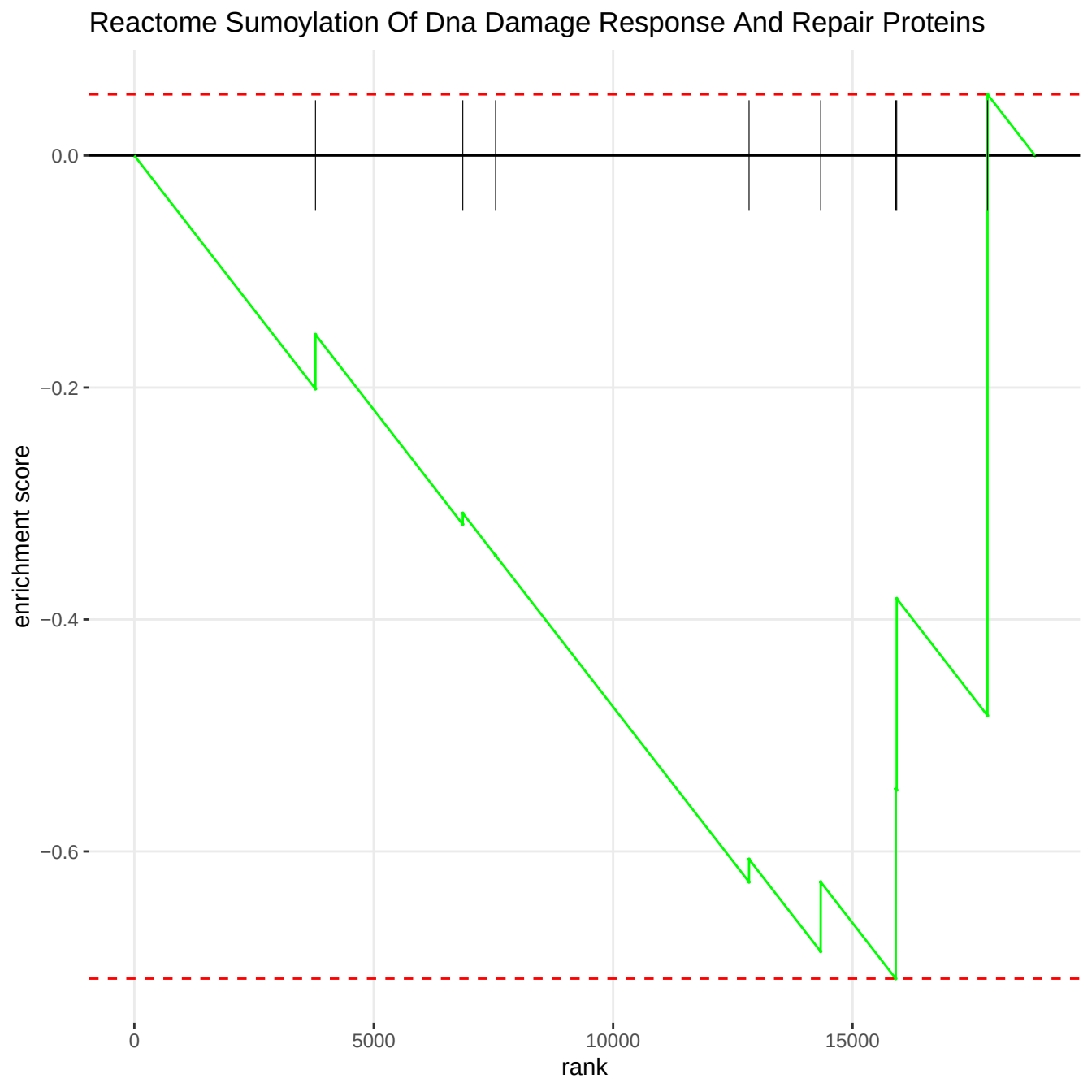

Reactome Snrnp Assembly
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

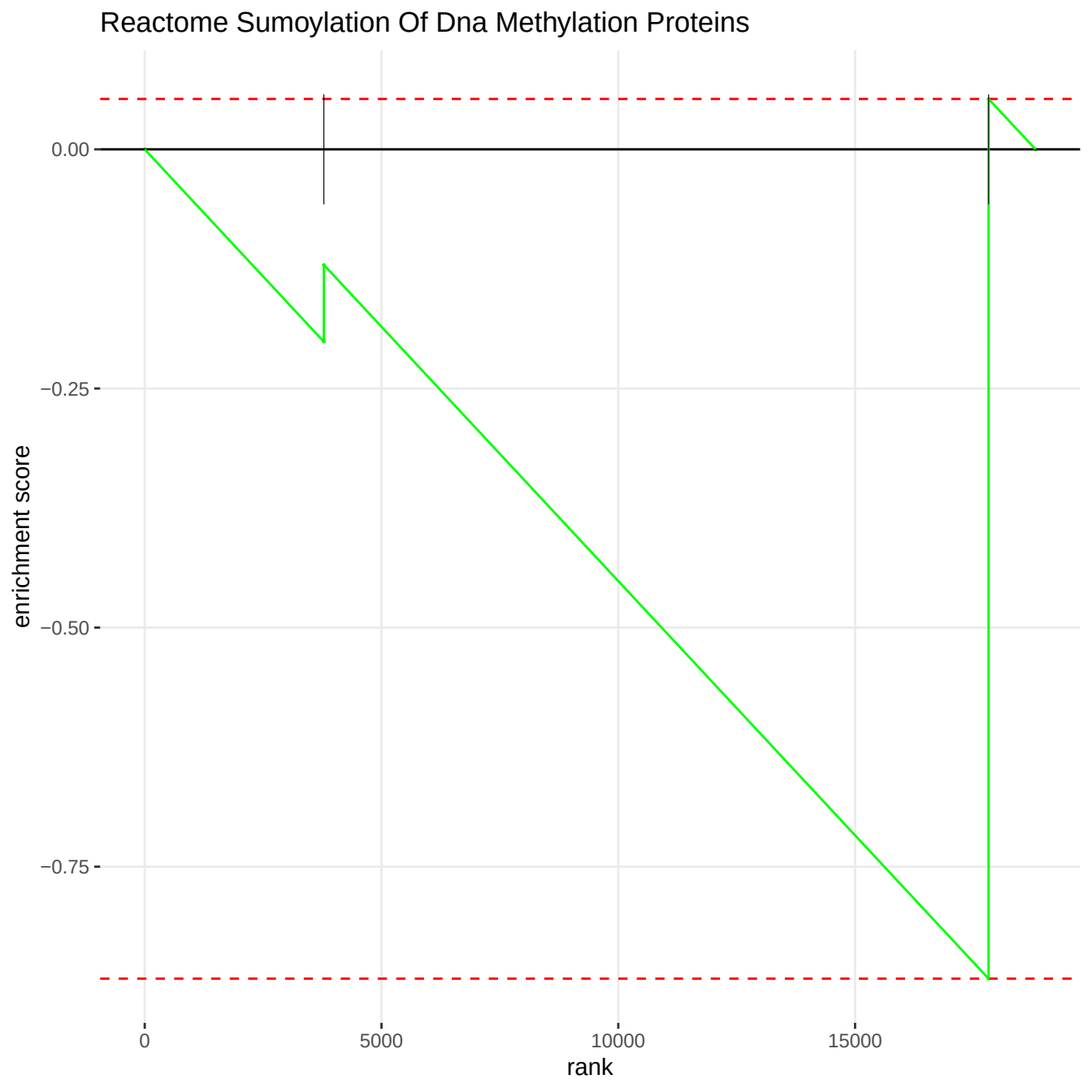

Reactome Srp Dependent Cotranslational Protein Targeting To Membrane
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

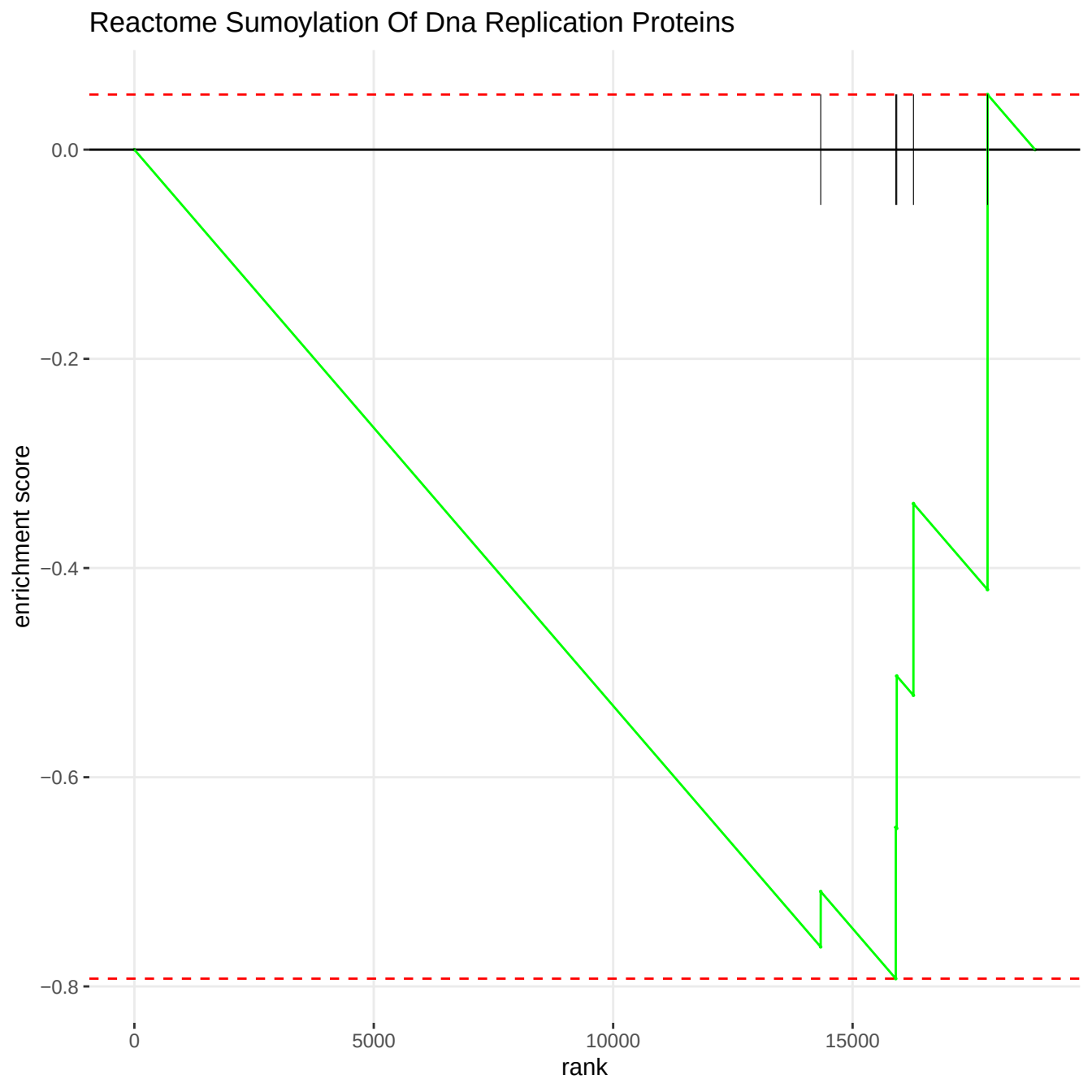

Reactome Stimuli Sensing Channels
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

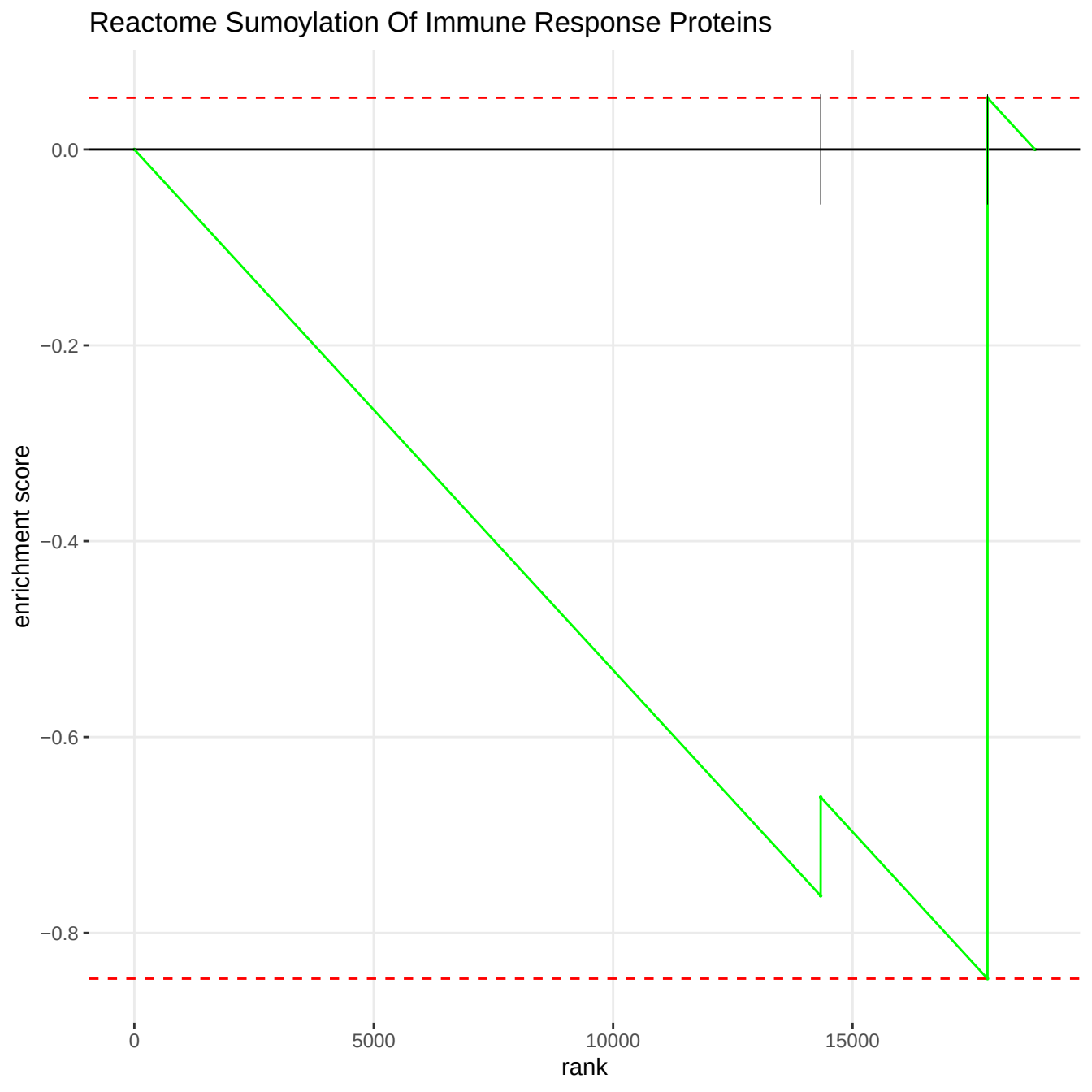

Reactome Sumoylation
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

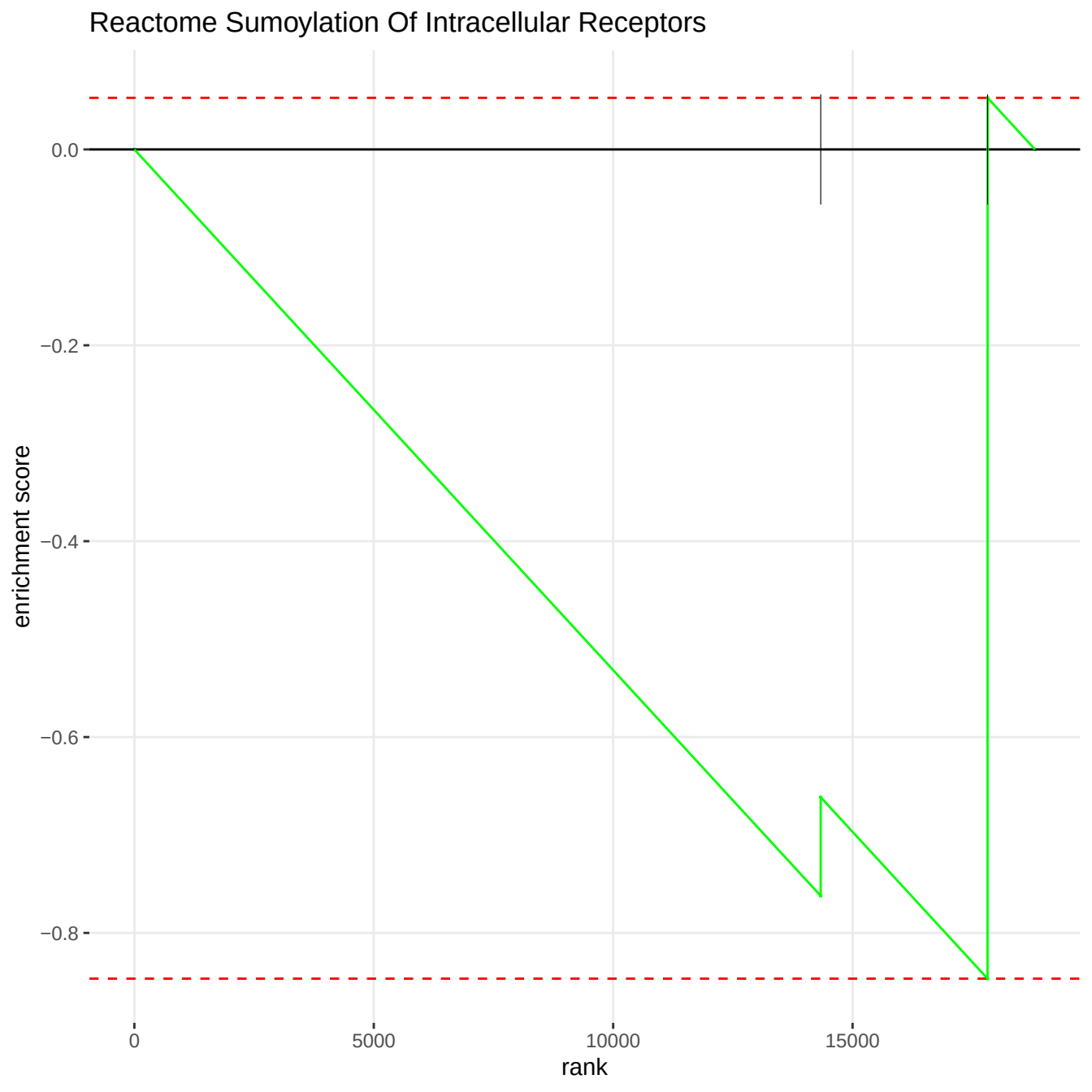
Reactome Sumoylation Of Chromatin Organization Proteins
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Sumoylation Of Dna Damage Response And Repair Proteins
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Sumoylation Of Dna Methylation Proteins
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Sumoylation Of Dna Replication Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Sumoylation Of Immune Response Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank


Reactome Sumoylation Of Intracellular Receptors
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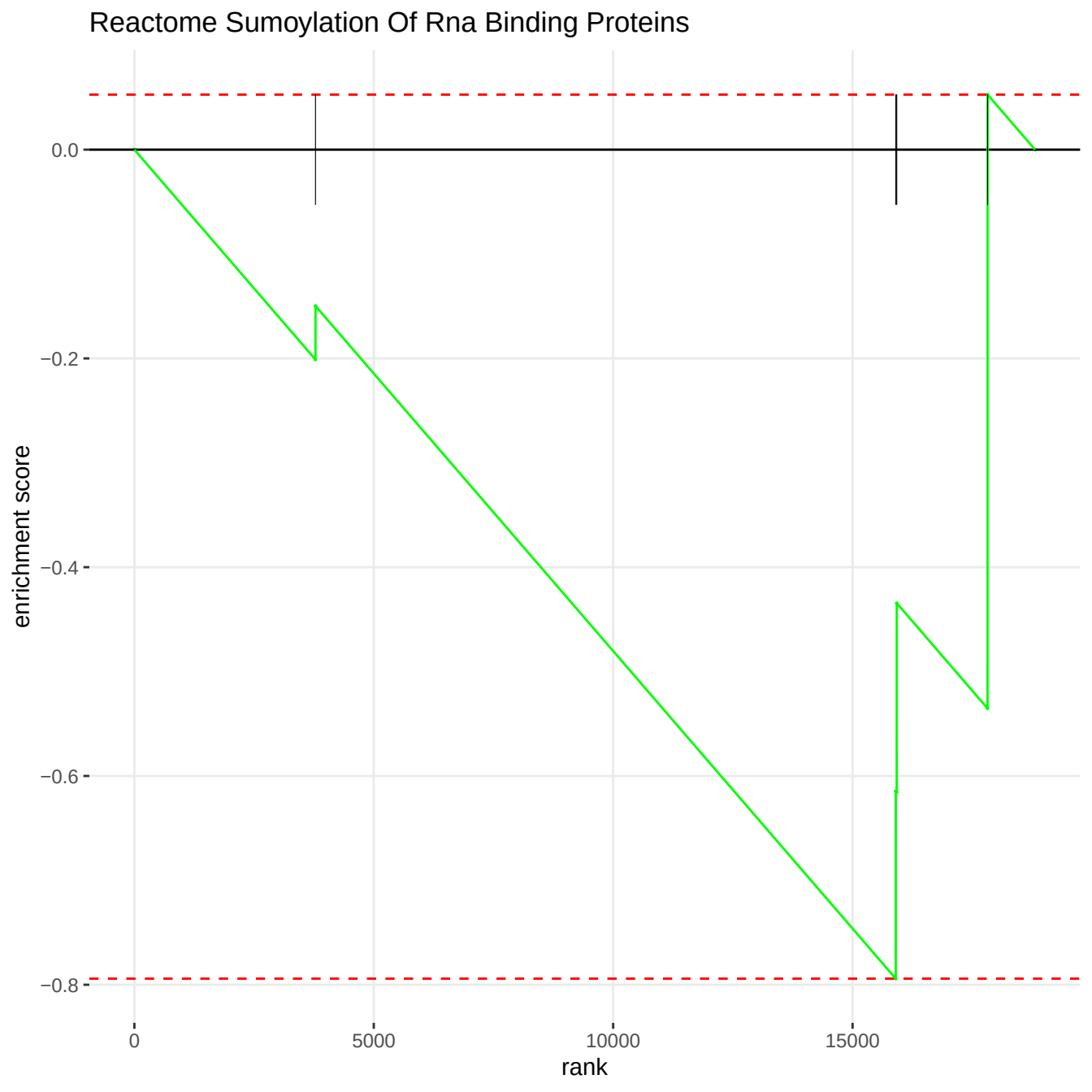
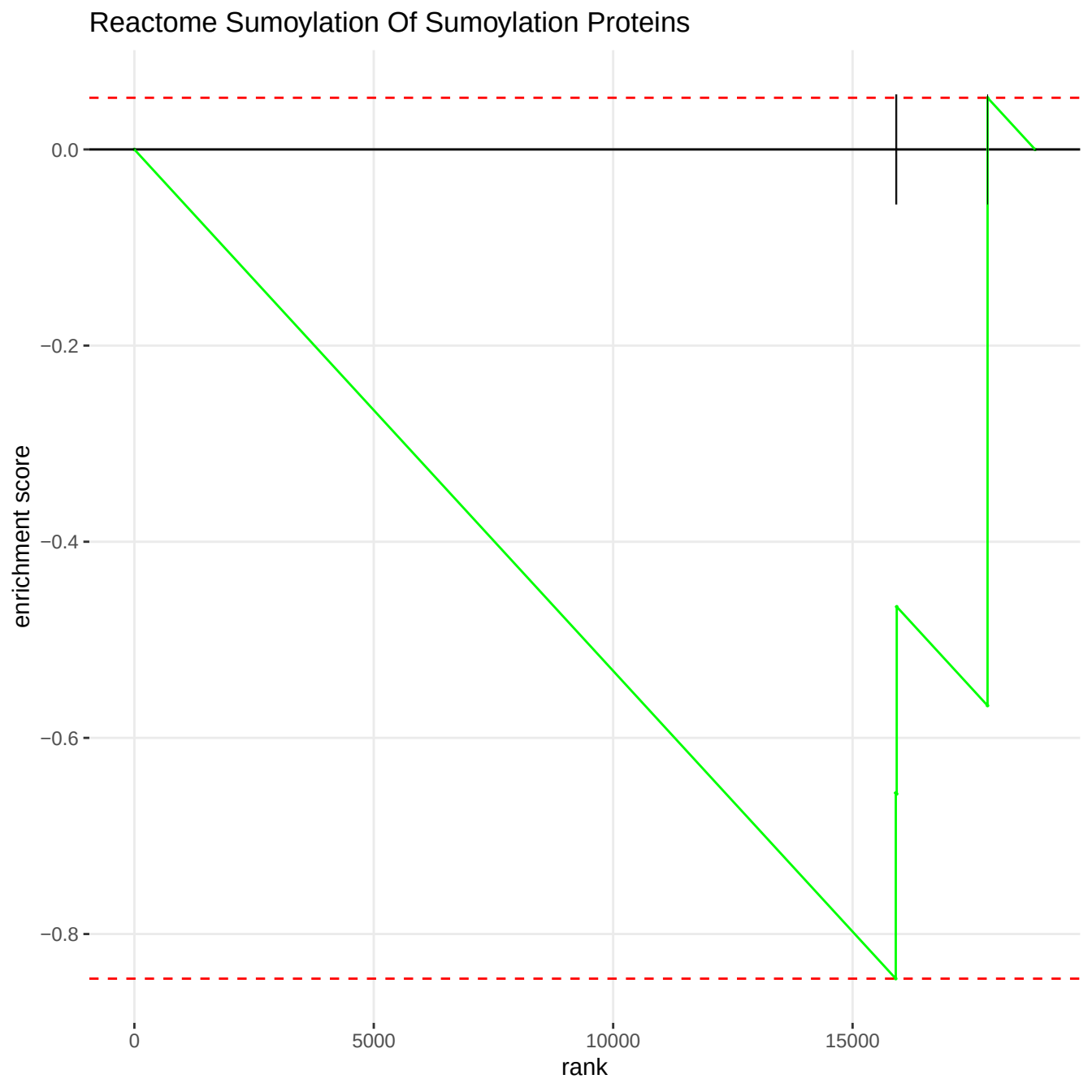
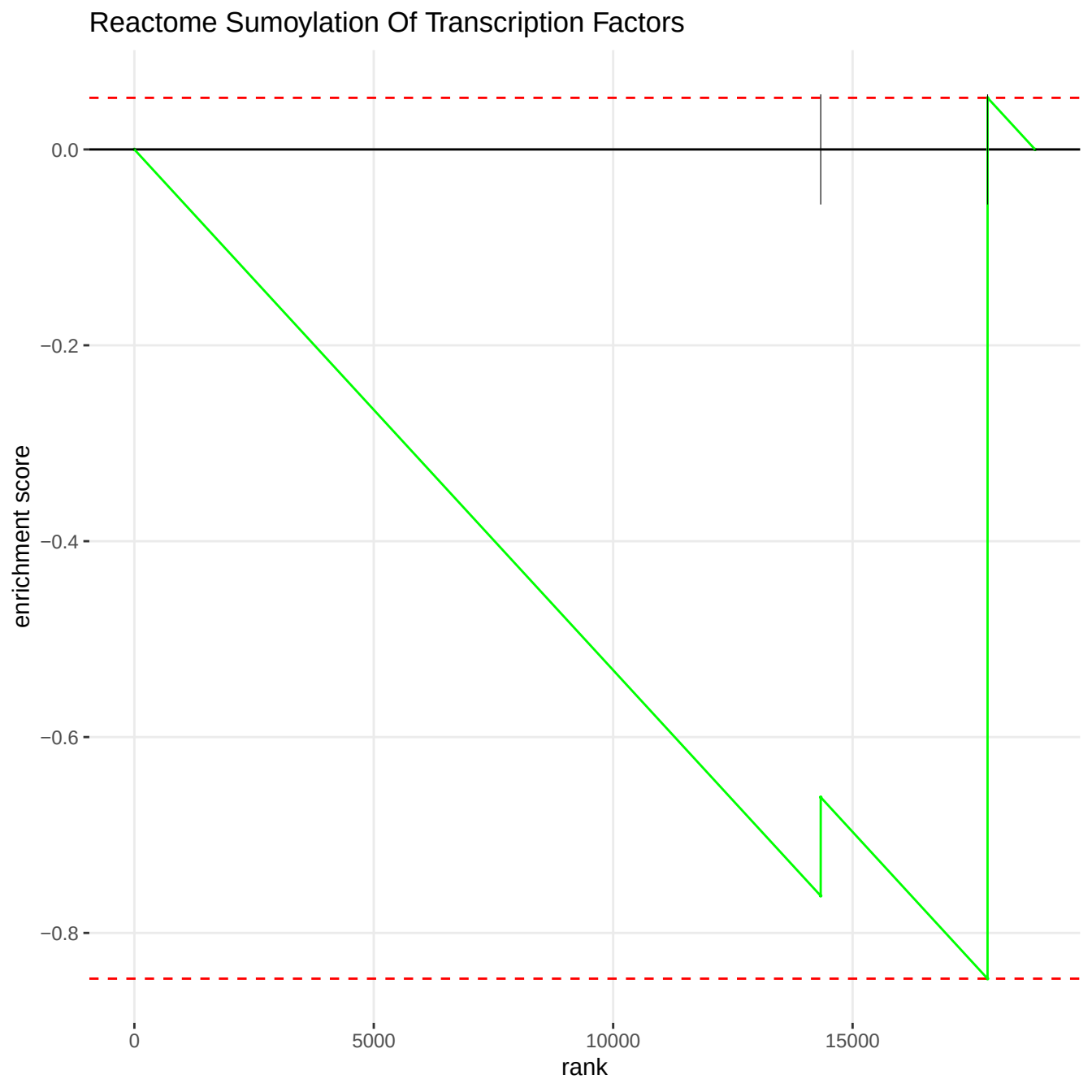
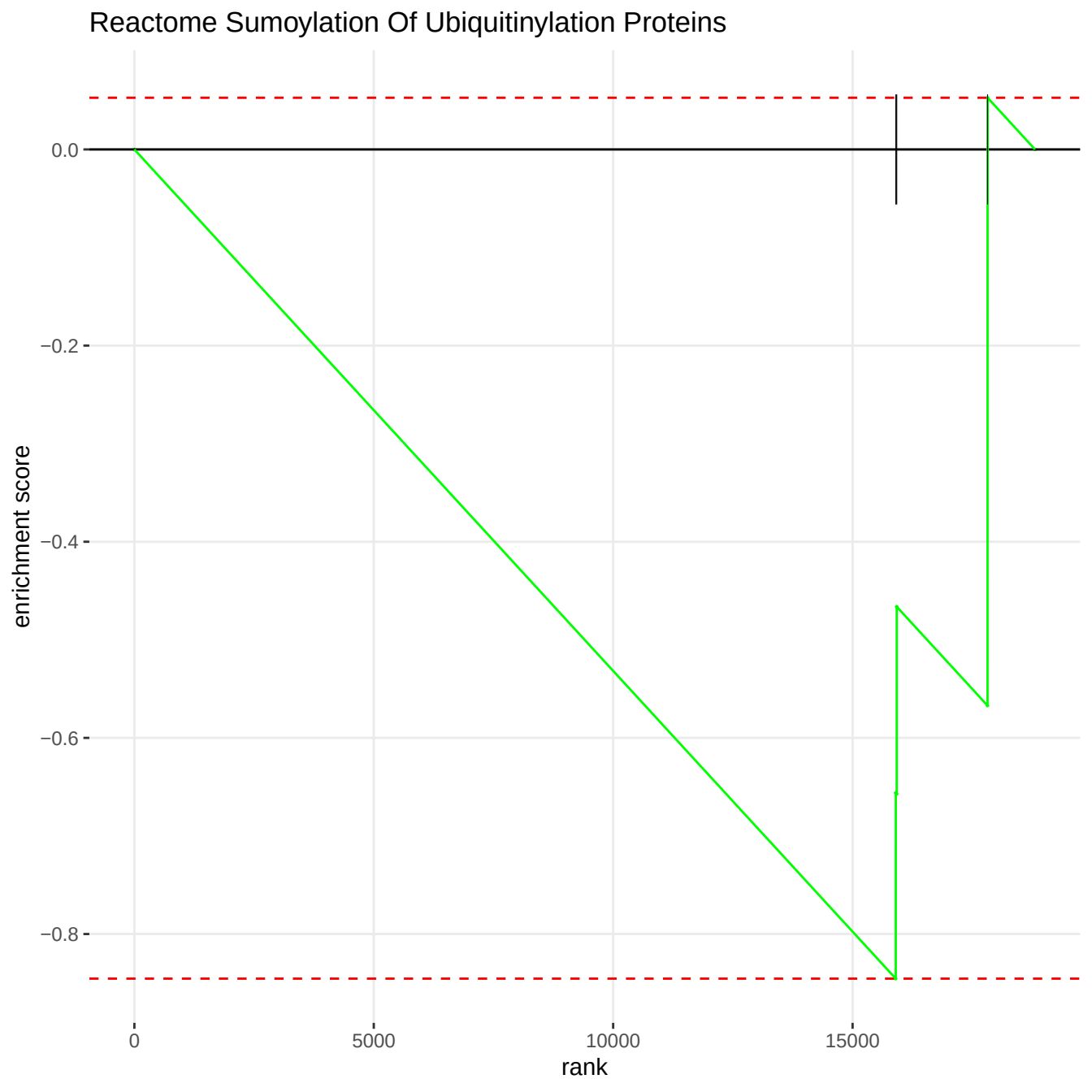
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

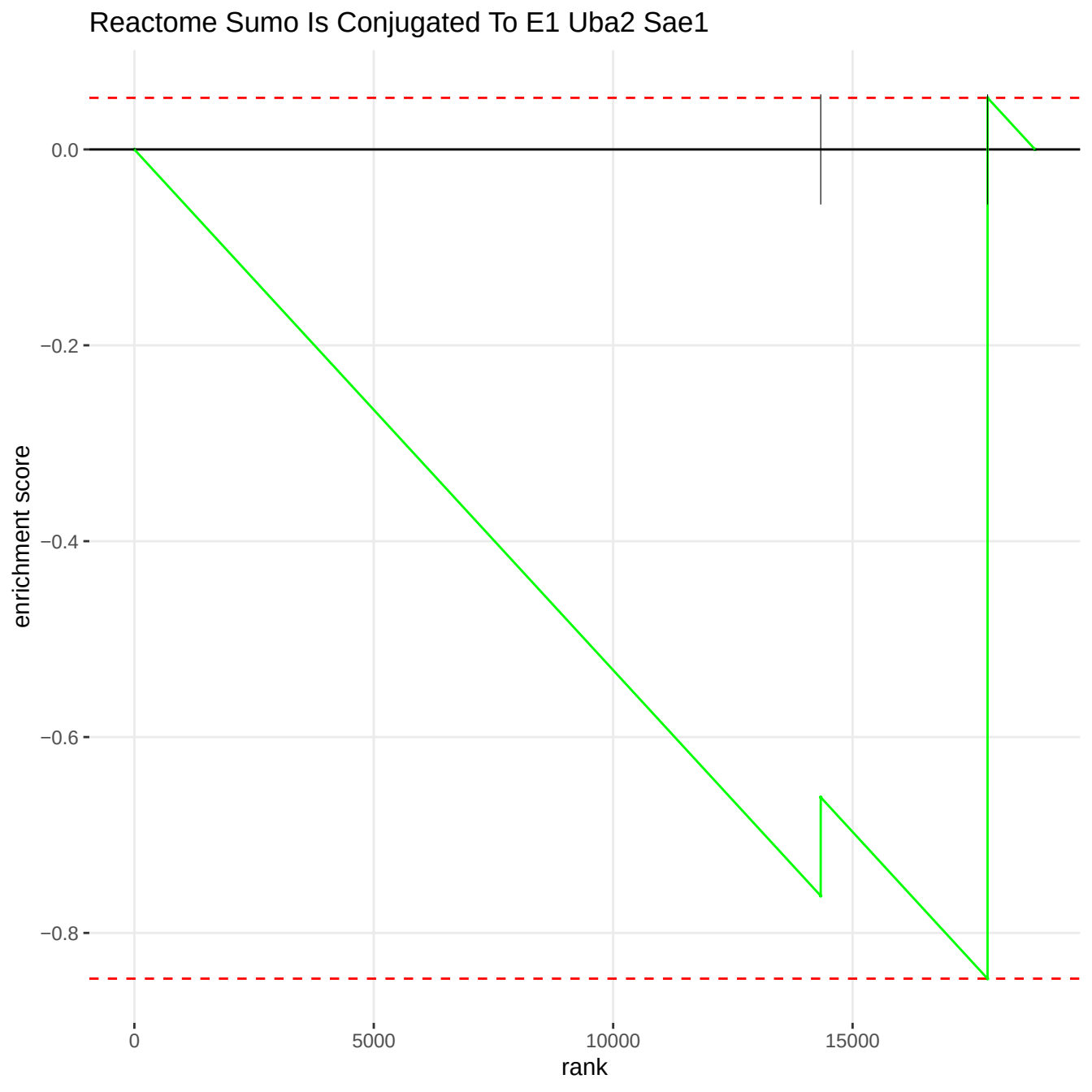

Reactome Sumoylation Of Rna Binding Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

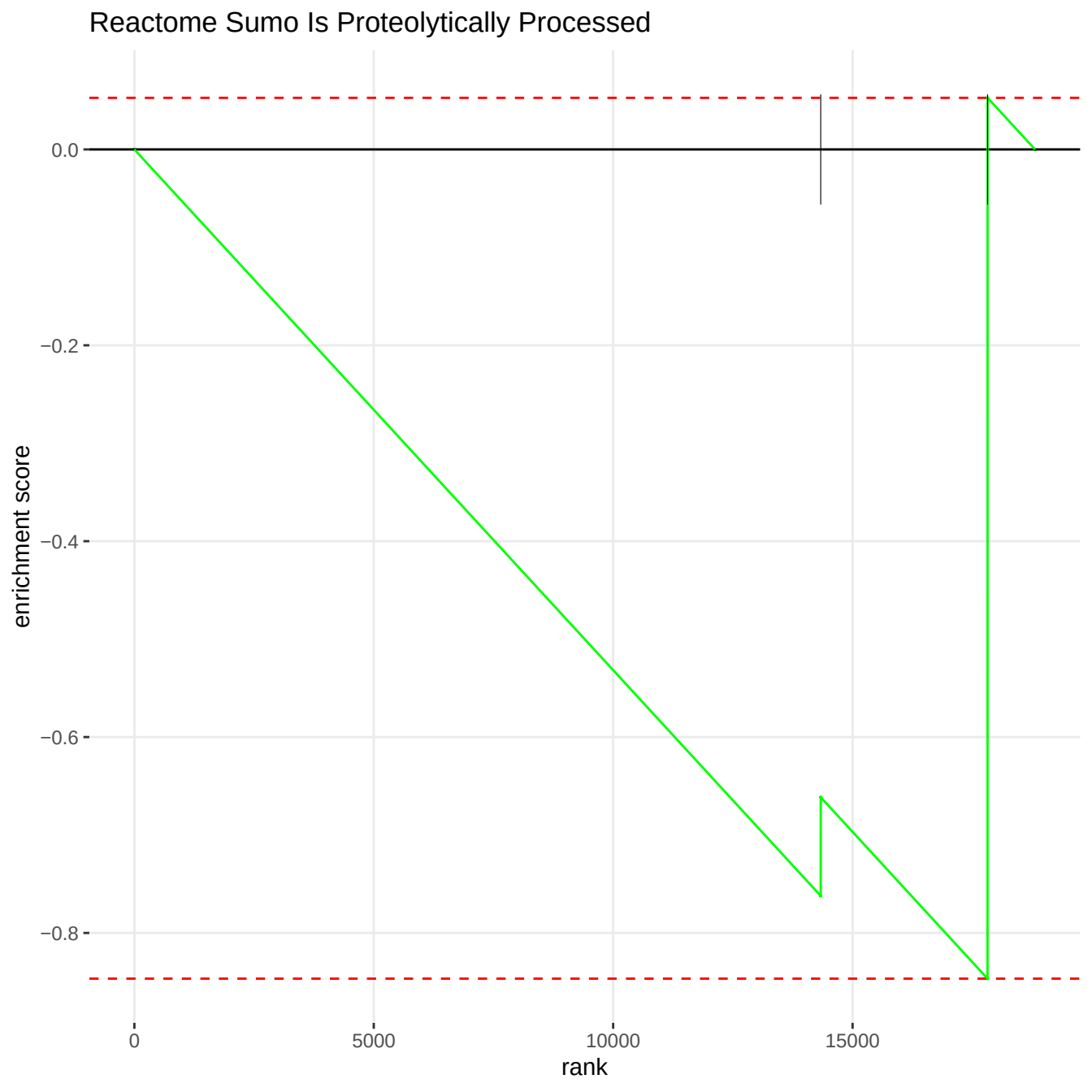

Reactome Sumoylation Of Sumoylation Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

Reactome Sumoylation Of Transcription Cofactors
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

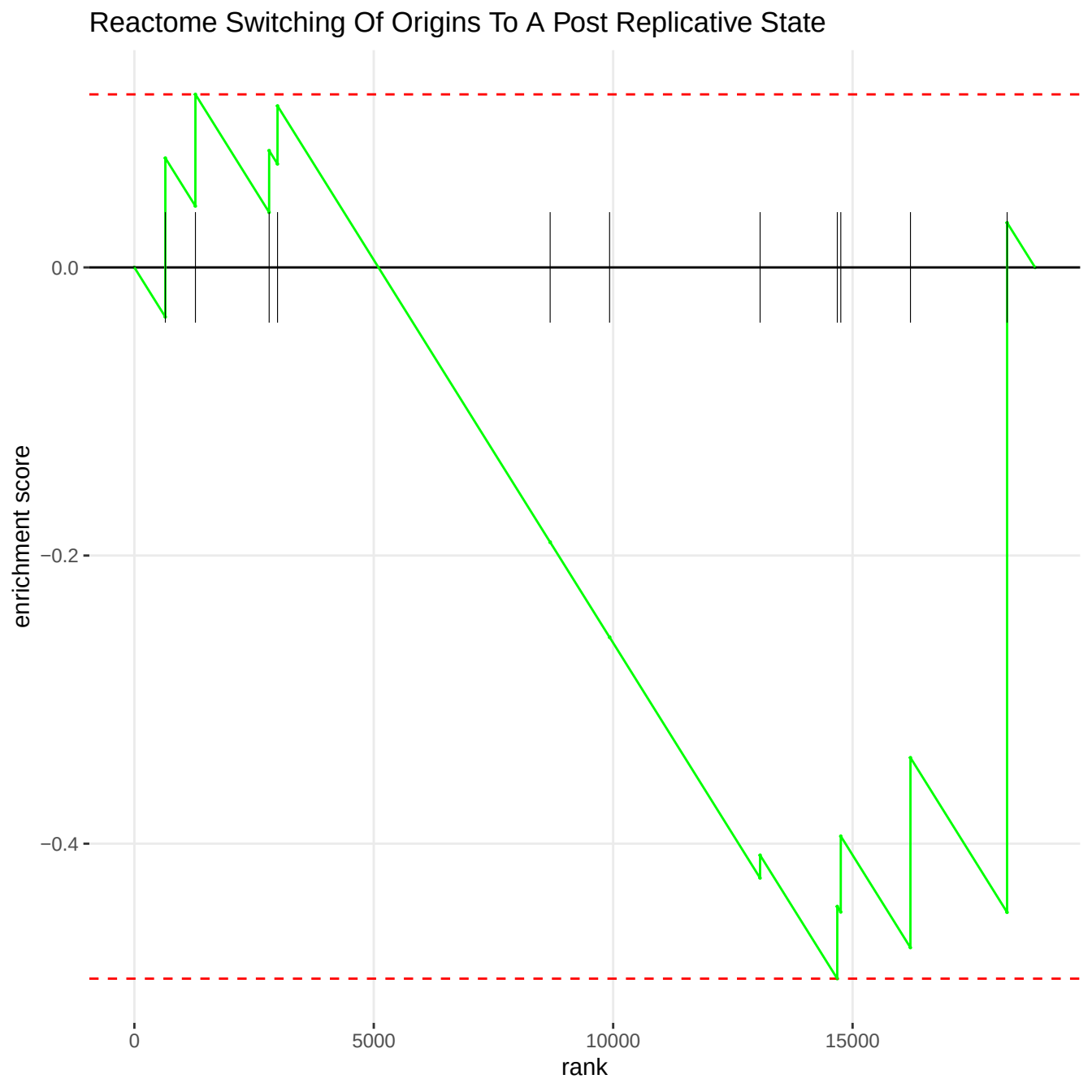

Reactome Sumoylation Of Transcription Factors
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

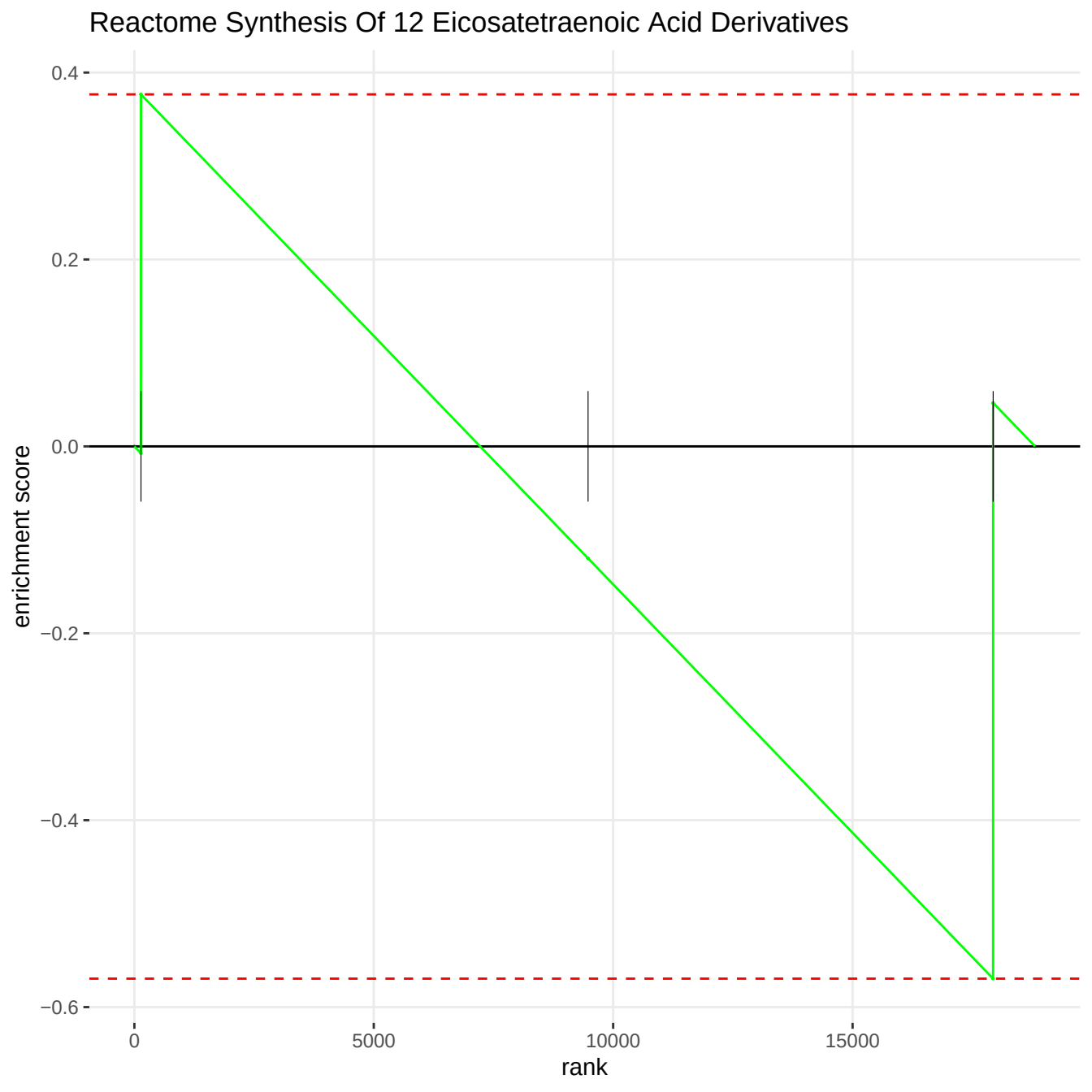

Reactome Sumoylation Of Ubiquitinylation Proteins
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

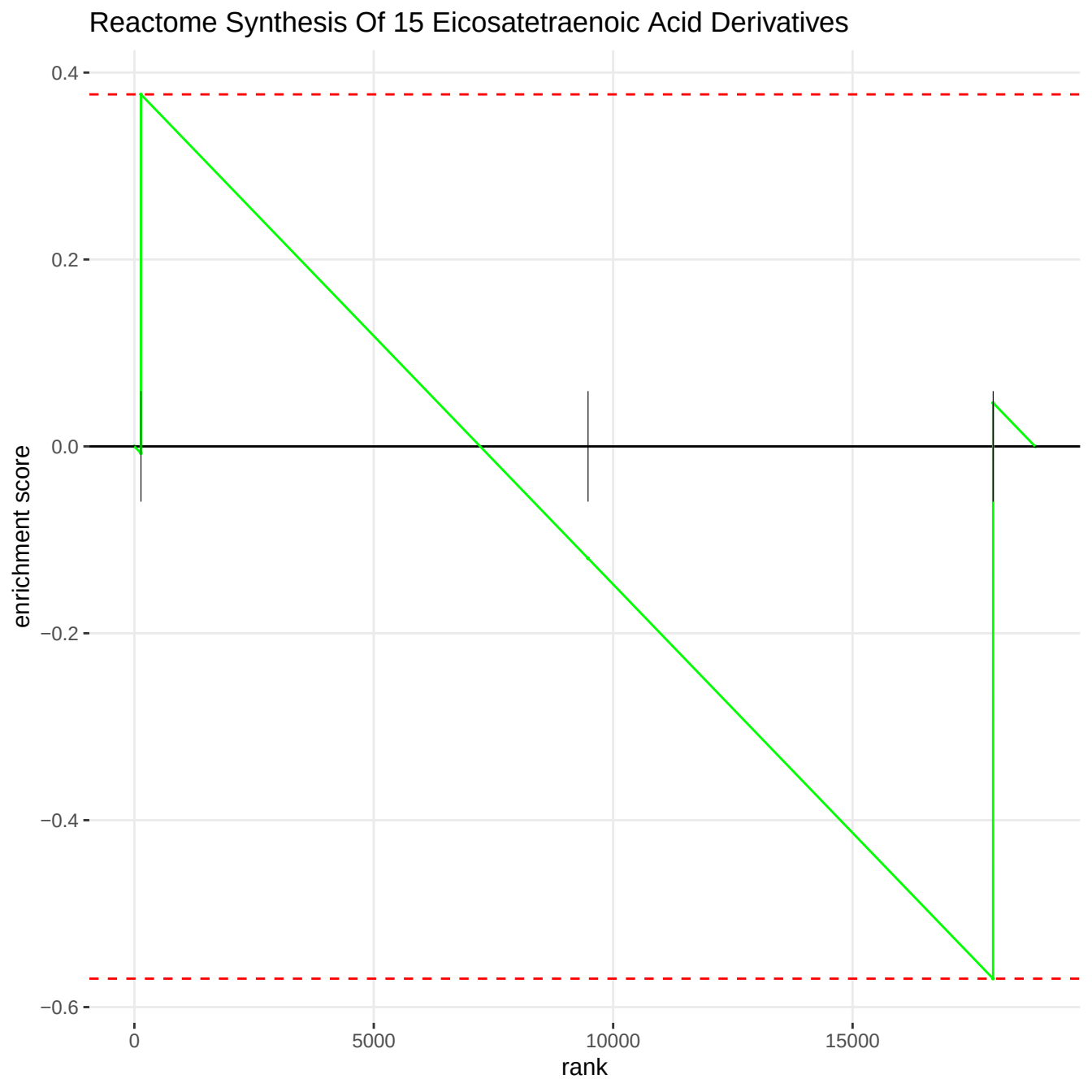

Reactome Sumo Is Conjugated To E1 Uba2 Sae1
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

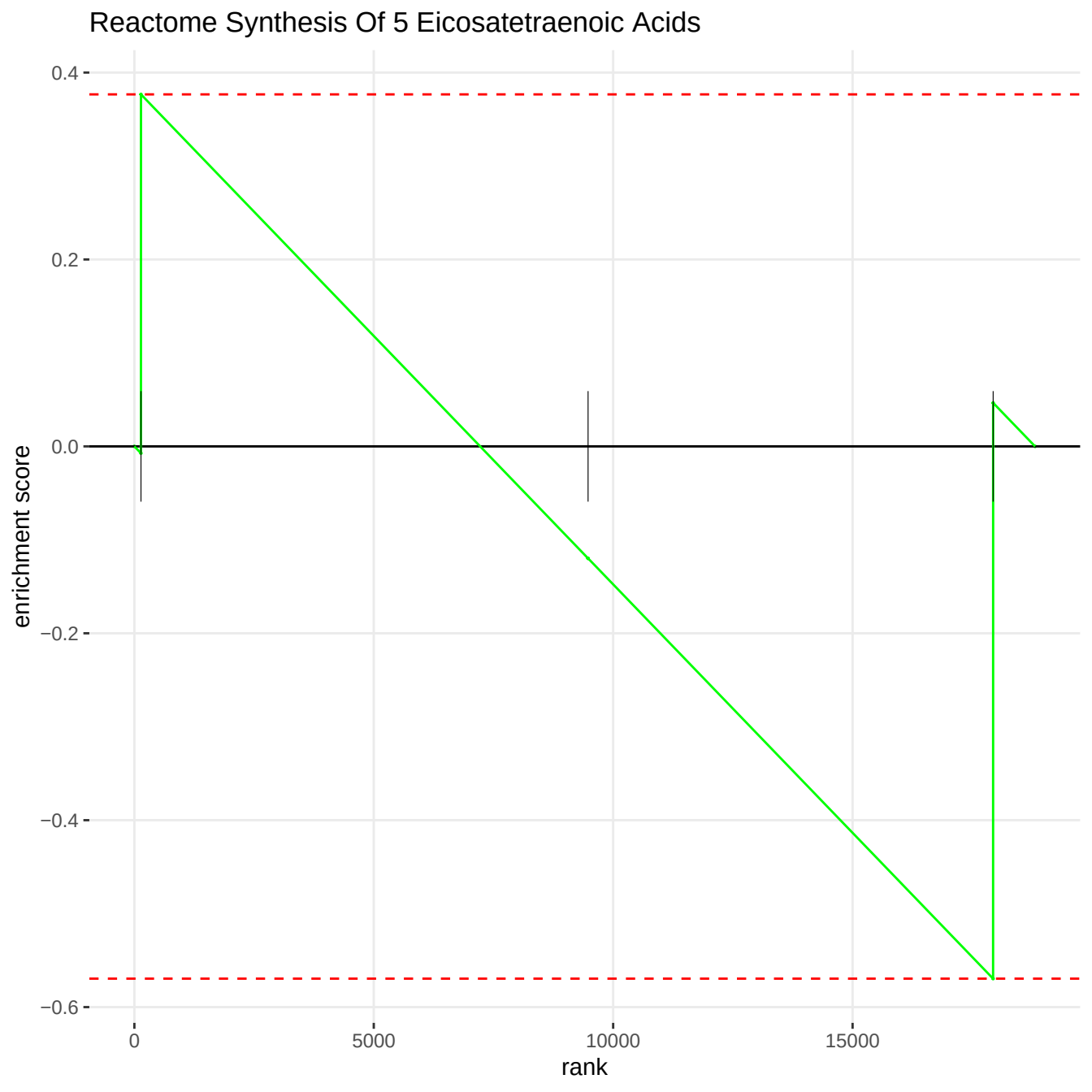

Reactome Sumo Is Proteolytically Processed
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

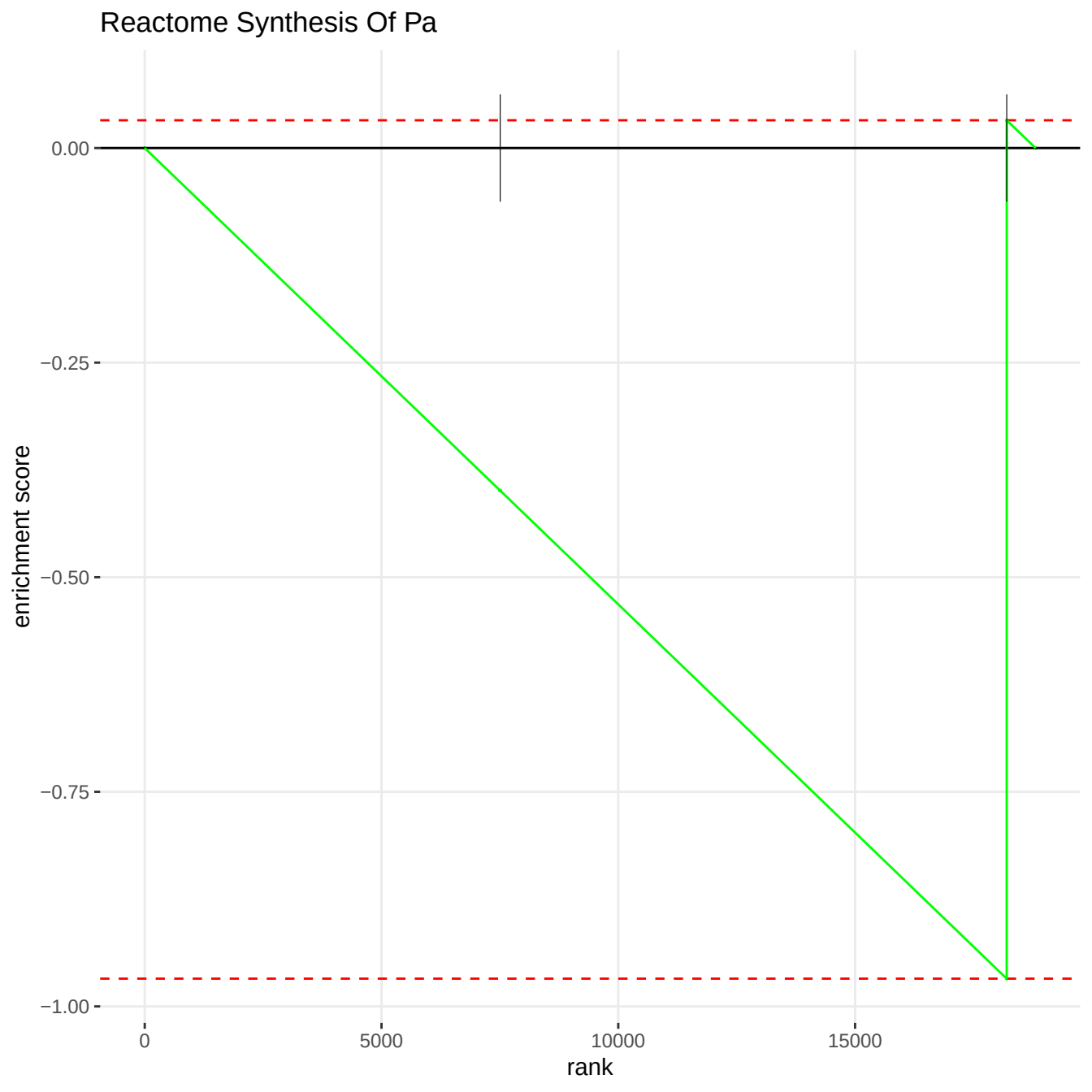
Reactome Sumo Is Transferred From E1 To E2 Ube2i Ubc9
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

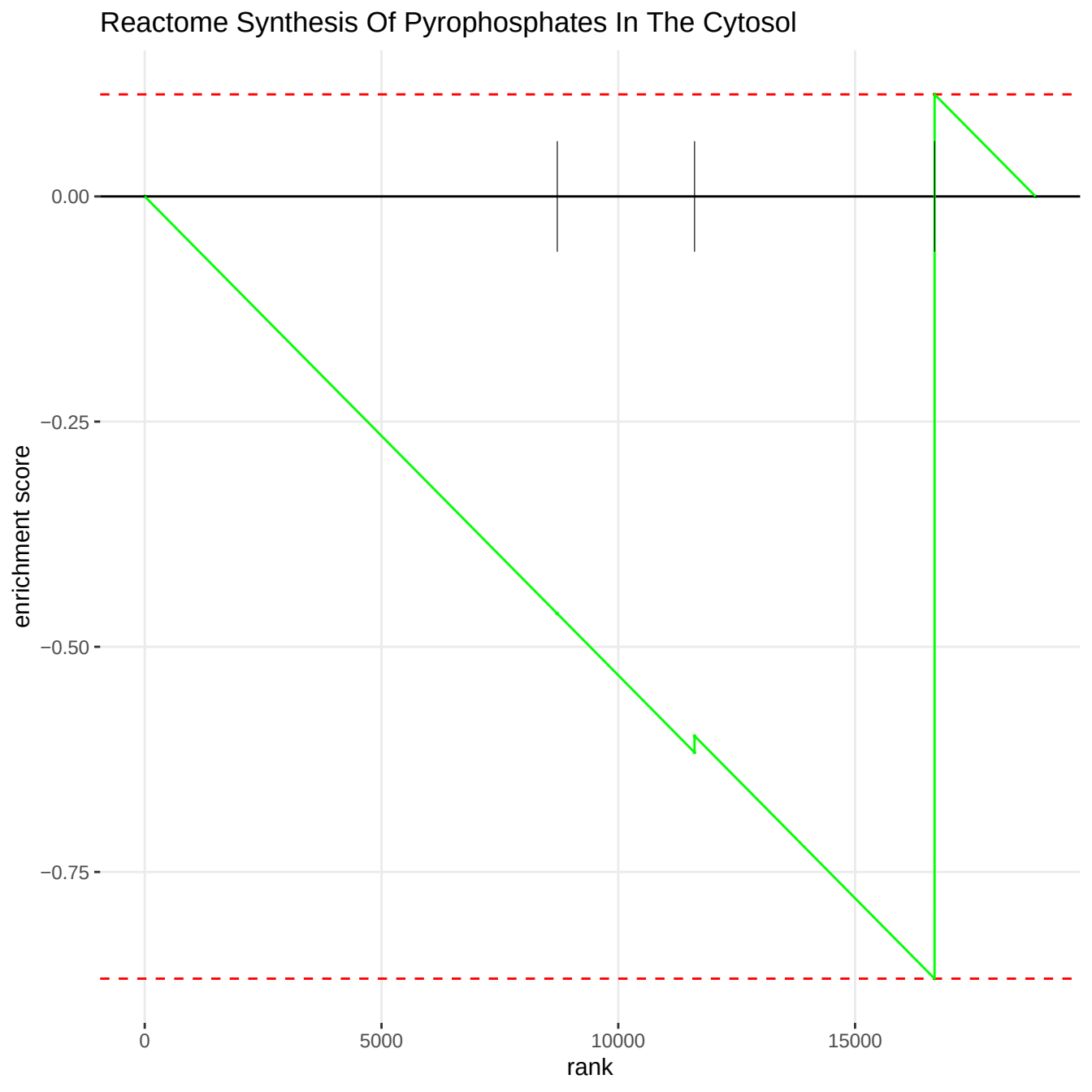

Reactome Switching Of Origins To A Post Replicative State
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

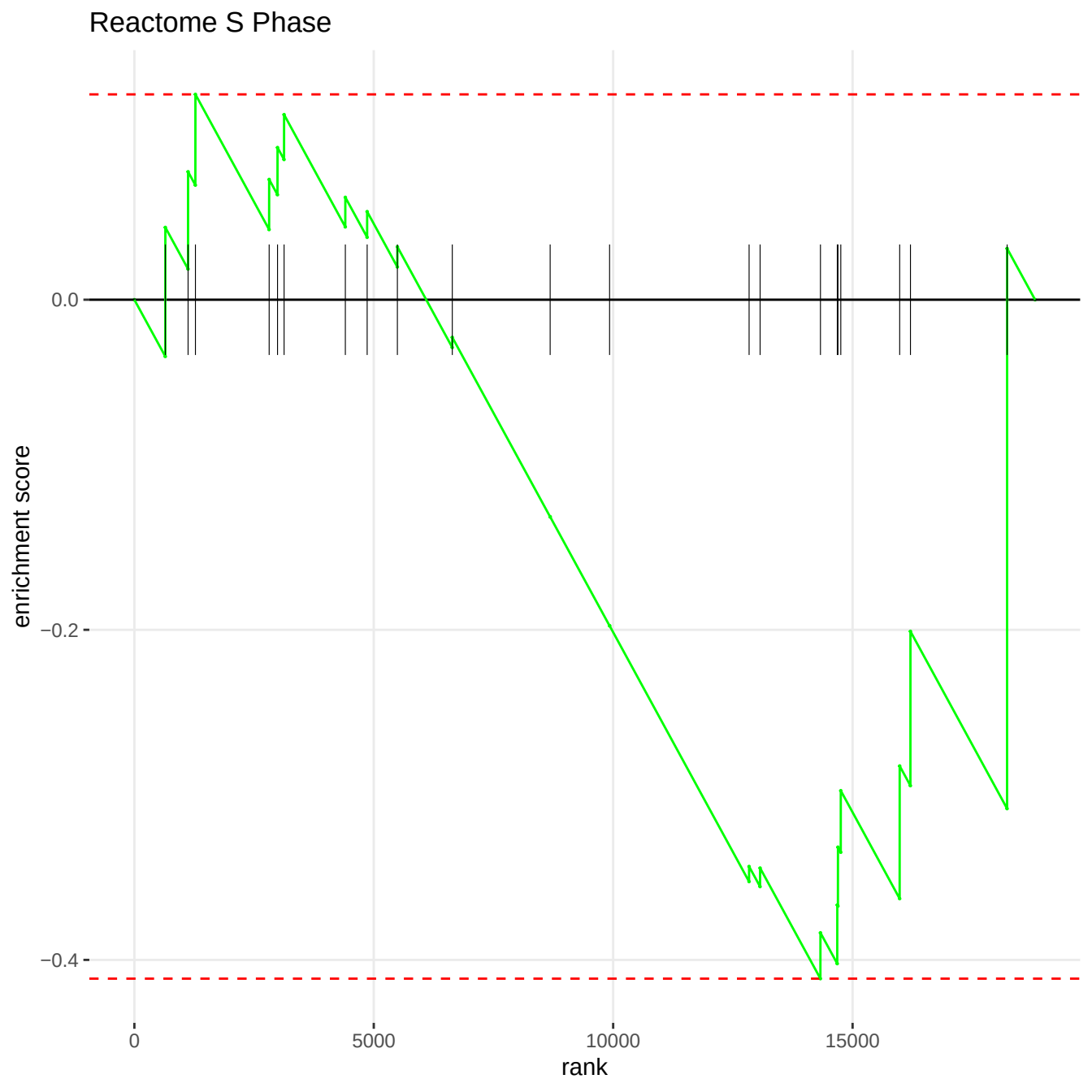

Reactome Synthesis Of 12 Eicosatetraenoic Acid Derivatives
0.4
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Synthesis Of 15 Eicosatetraenoic Acid Derivatives
0.4
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

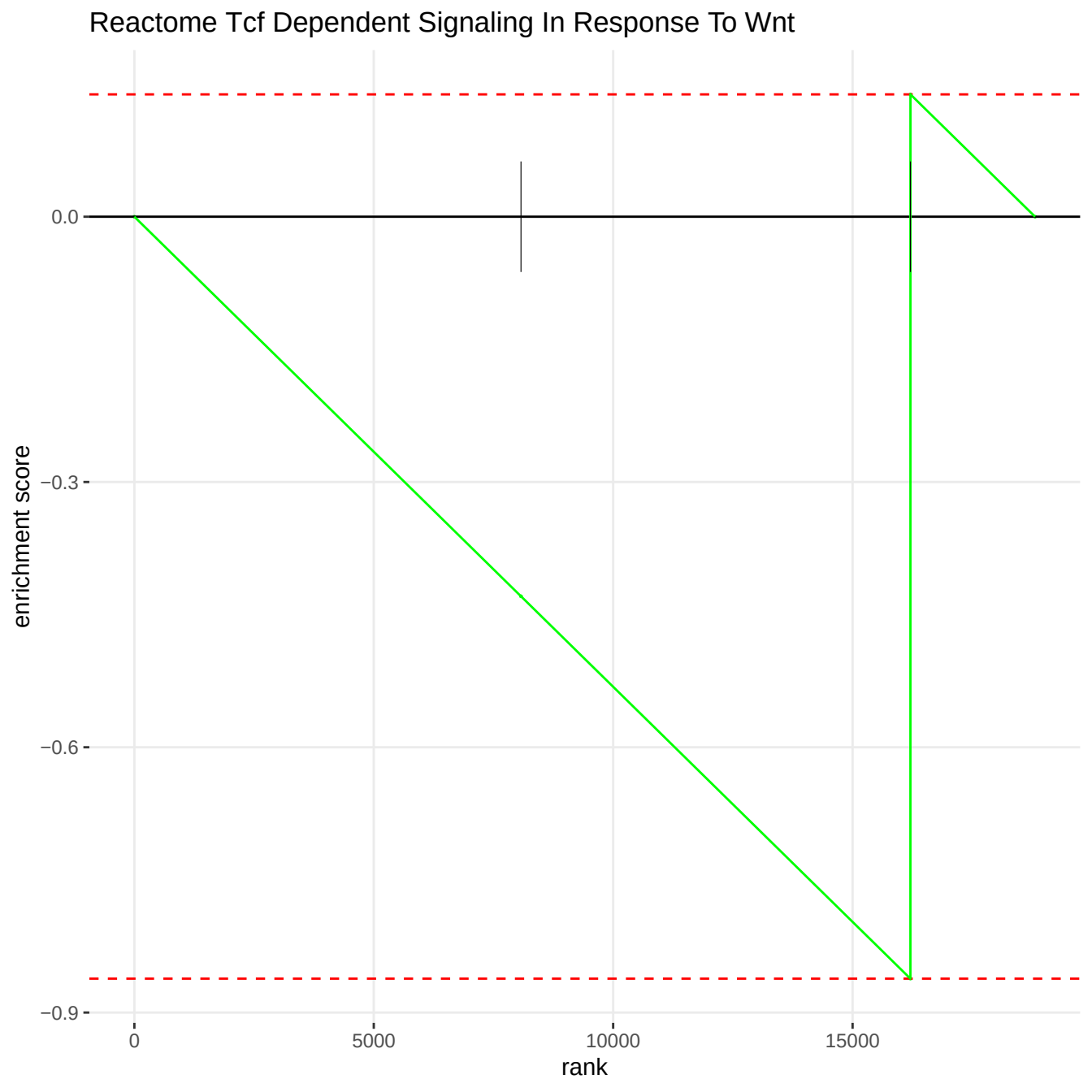

Reactome Synthesis Of 5 Eicosatetraenoic Acids
0.4
0.2
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

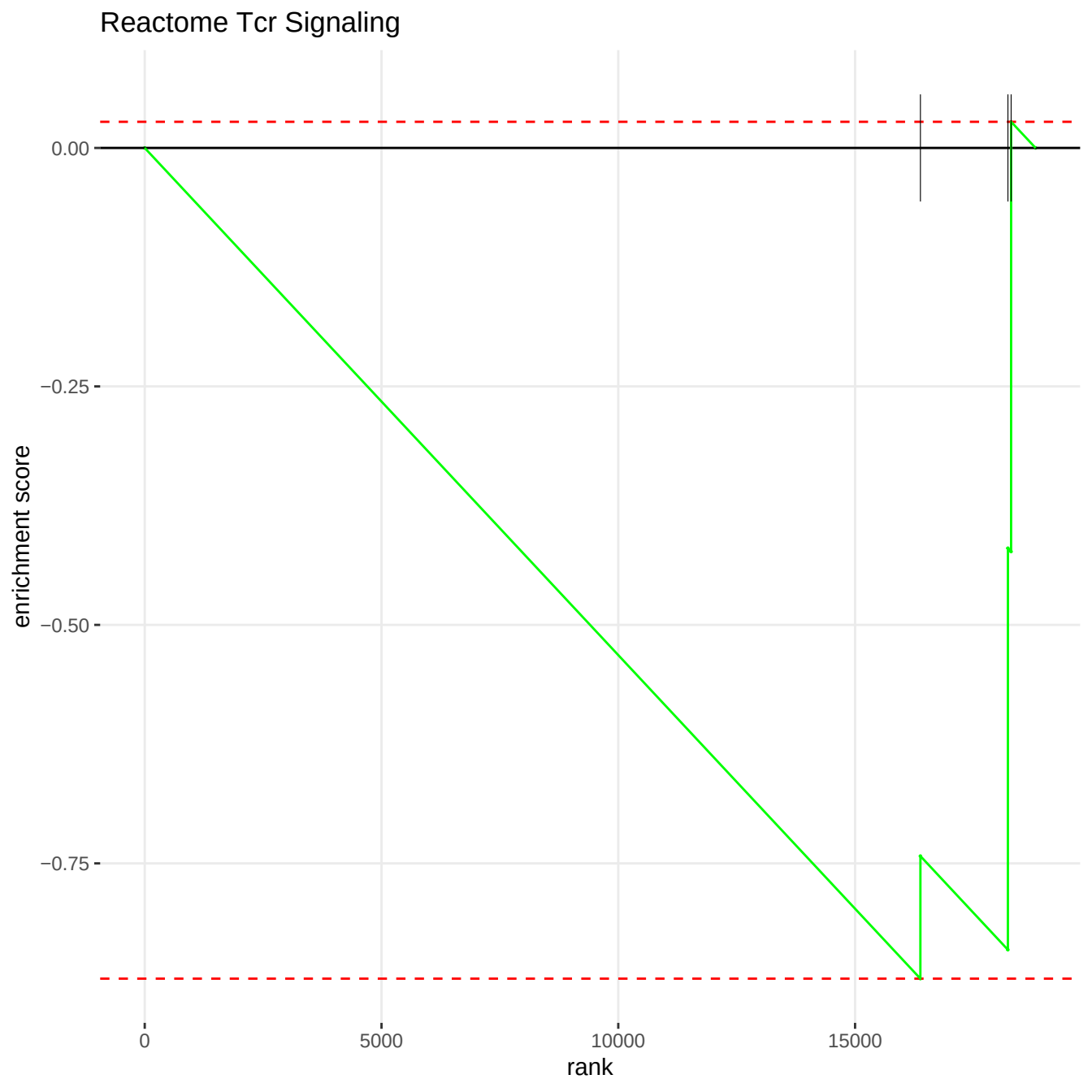

Reactome Synthesis Of Pa
0.00
−0.25
−0.50
−0.75
−1.00
enrichment score
0
5000
10000
15000
rank


Reactome Synthesis Of Pyrophosphates In The Cytosol
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

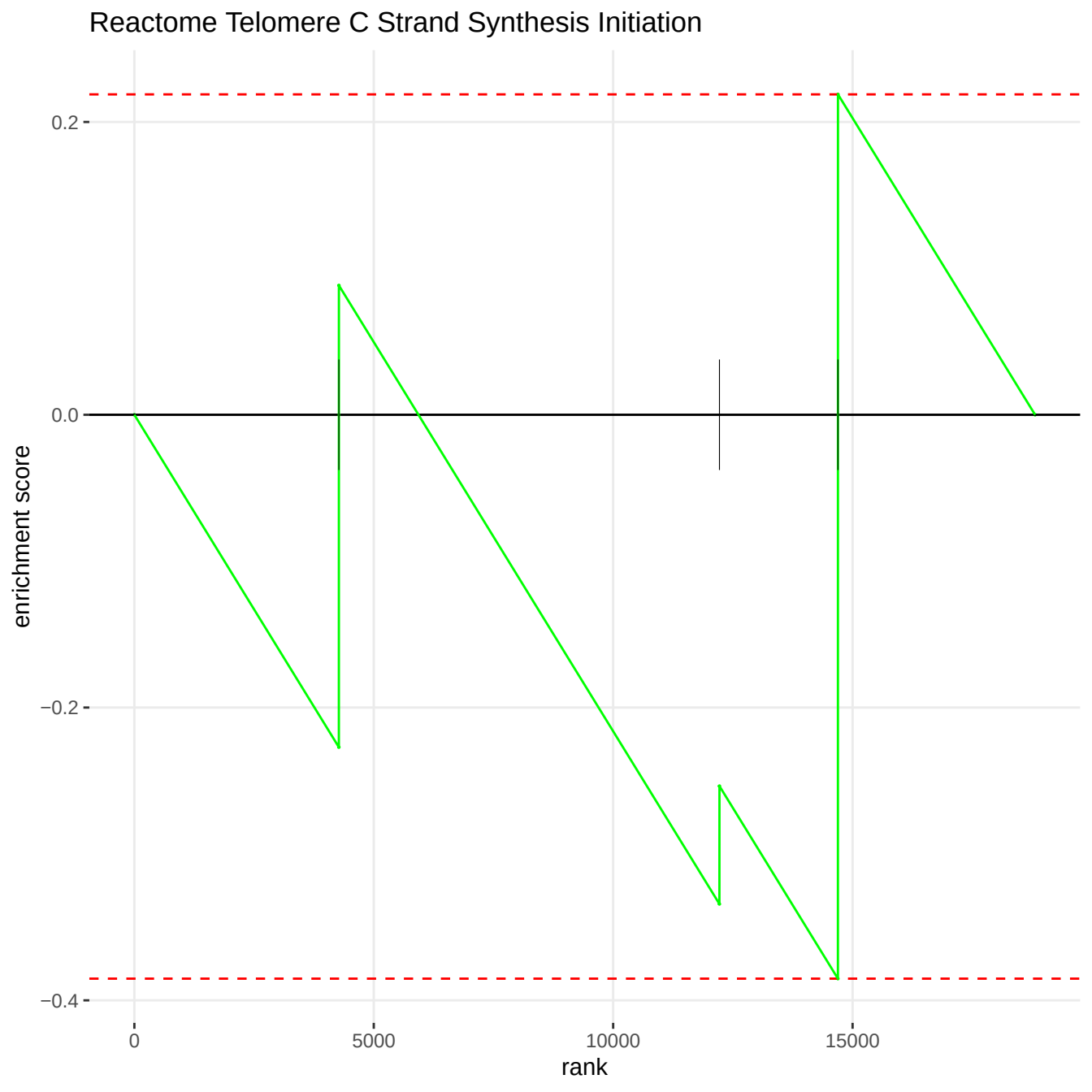

Reactome S Phase
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

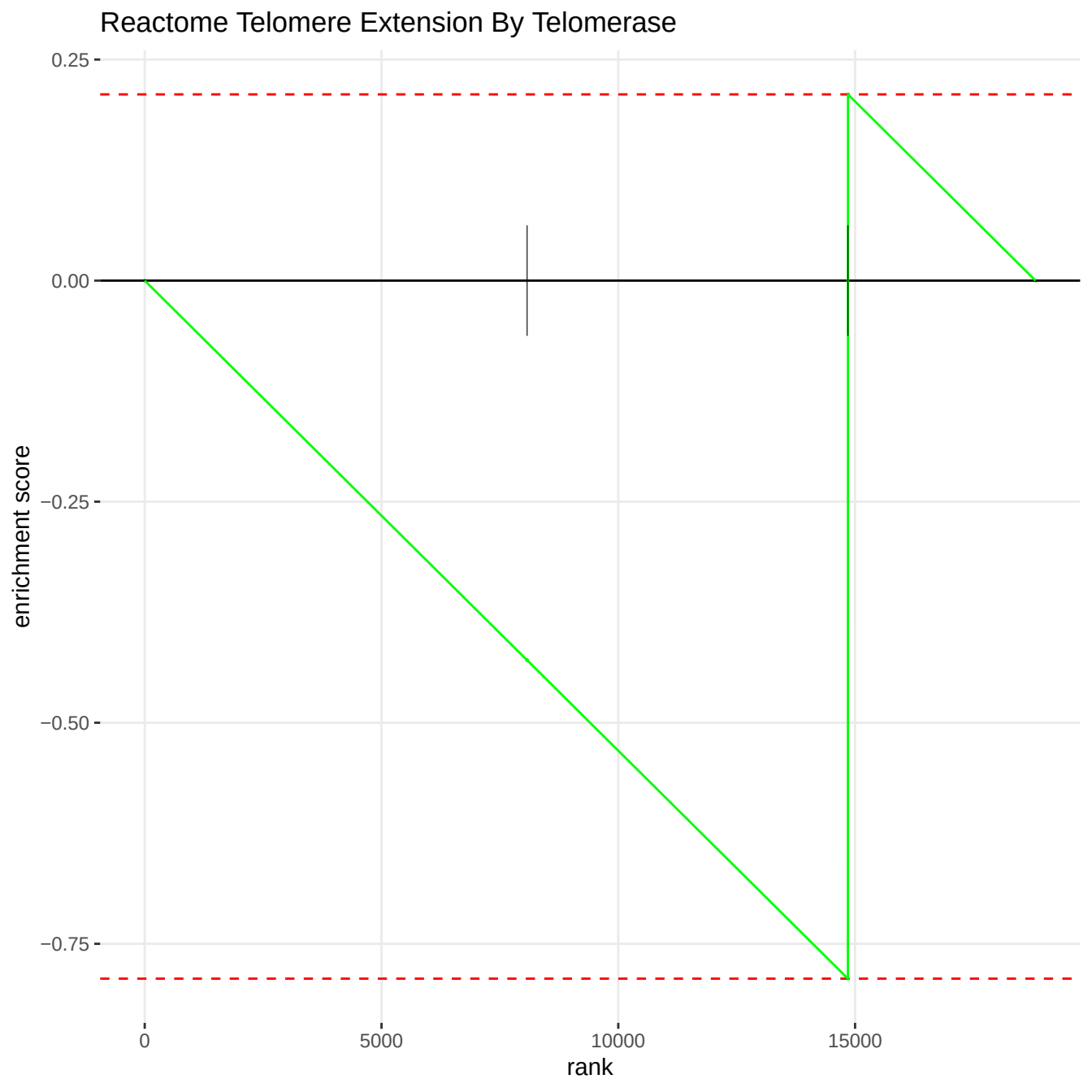
Reactome Tbc Rabgaps
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

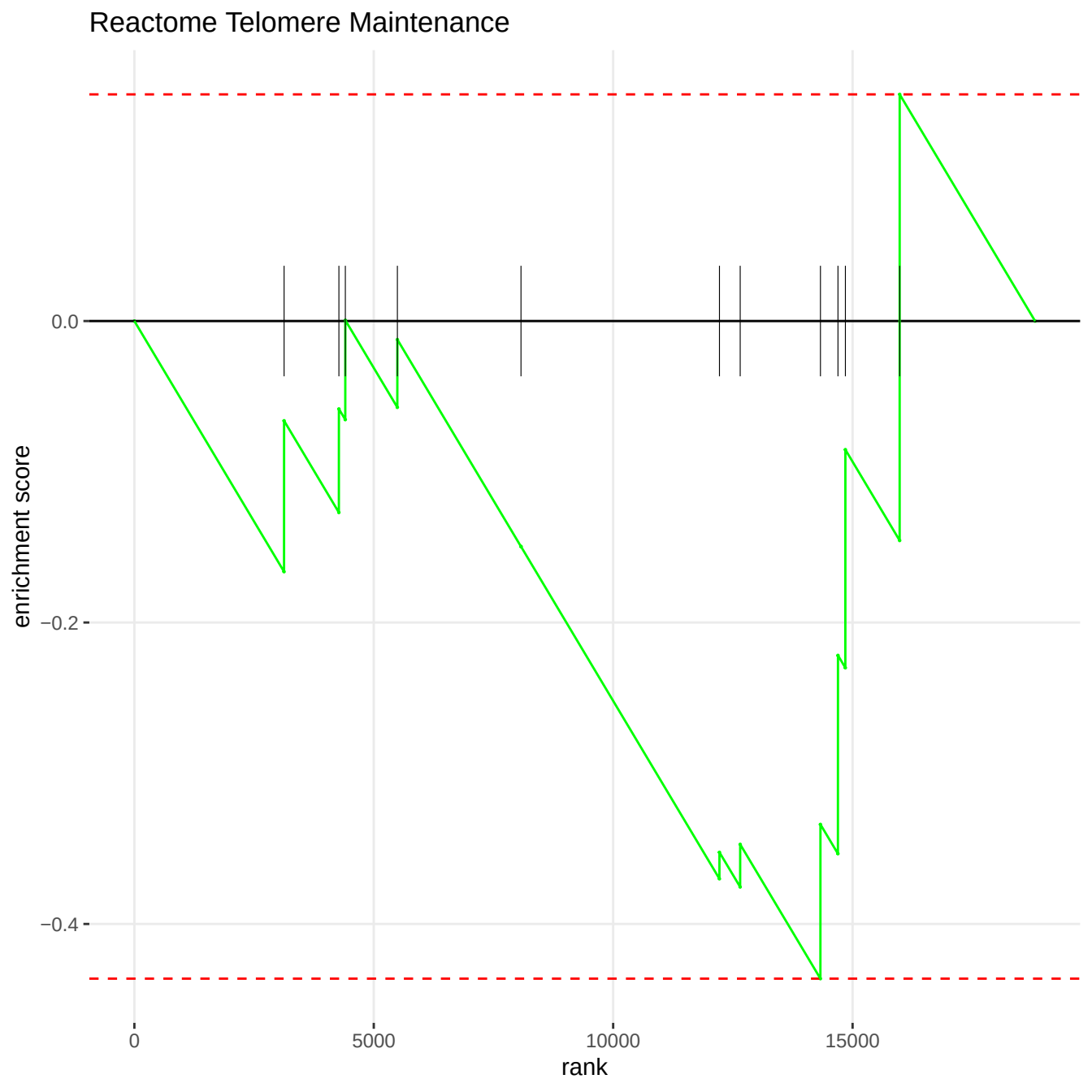

Reactome Tcf Dependent Signaling In Response To Wnt
0.0
−0.3
−0.6
−0.9
enrichment score
0
5000
10000
15000
rank

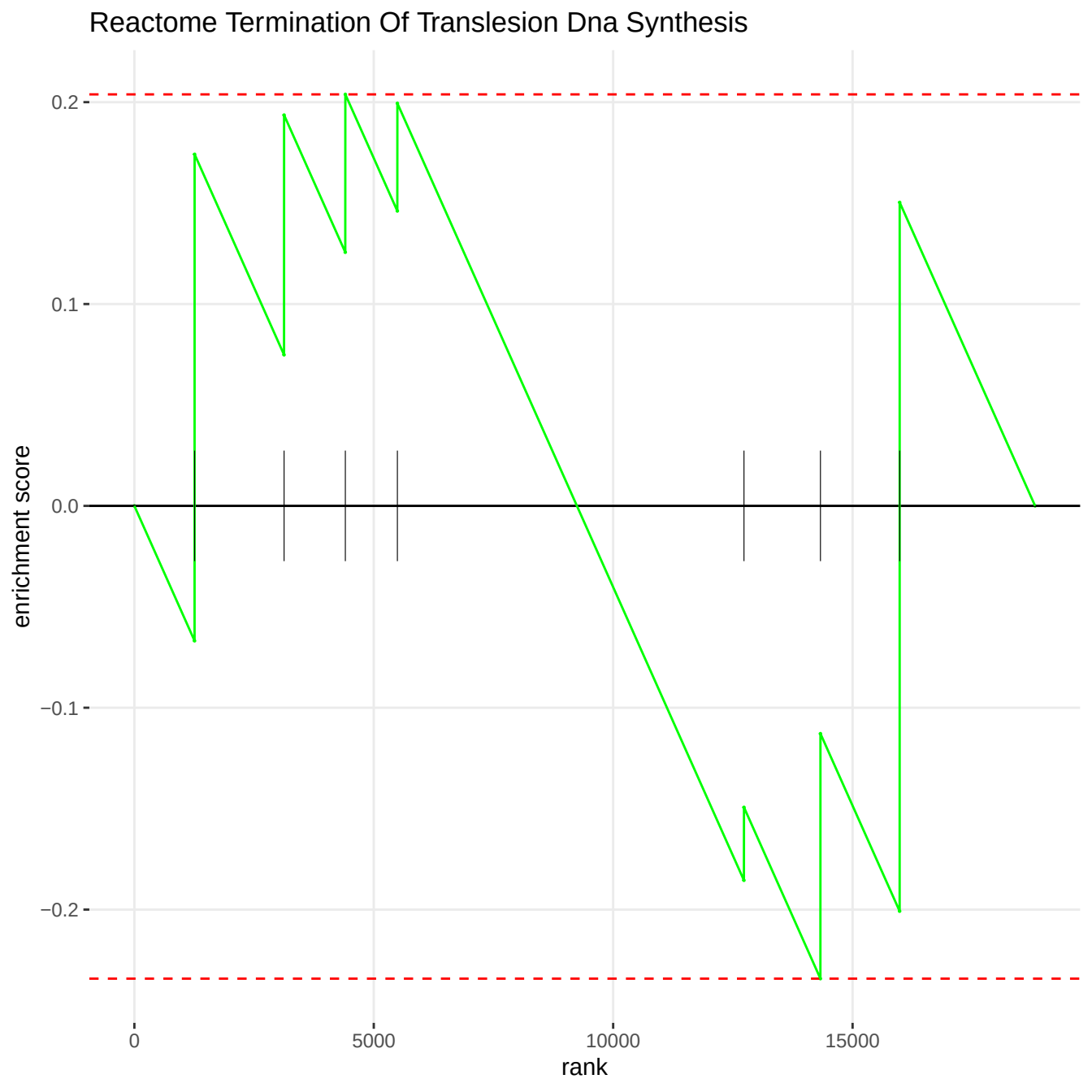

Reactome Tcr Signaling
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

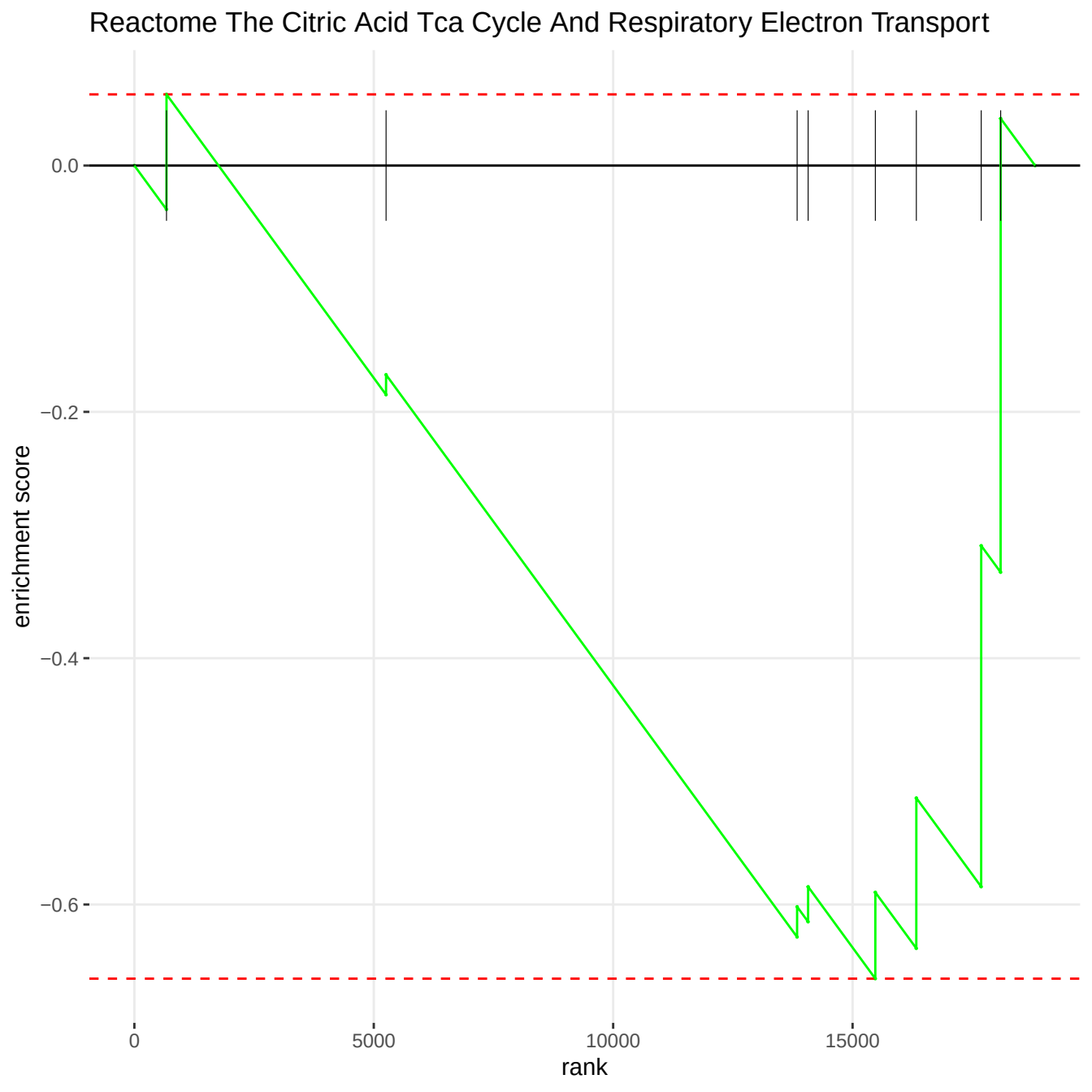
Reactome Telomere C Strand Lagging Strand Synthesis
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Telomere C Strand Synthesis Initiation
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Telomere Extension By Telomerase
0.25
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Telomere Maintenance
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Termination Of Translesion Dna Synthesis
0.2
0.1
0.0
−0.1
−0.2
enrichment score
0
5000
10000
15000
rank

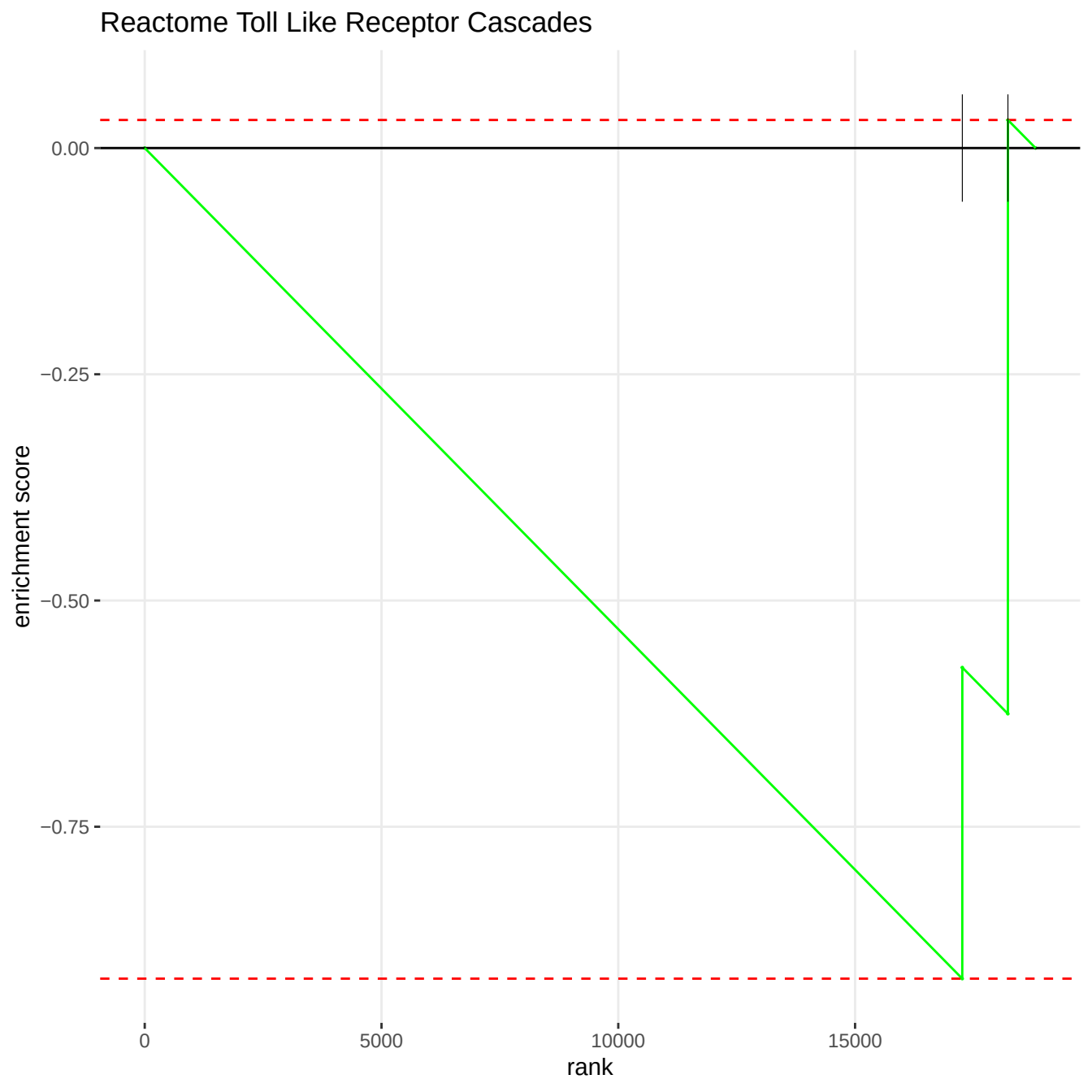

Reactome The Citric Acid Tca Cycle And Respiratory Electron Transport
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

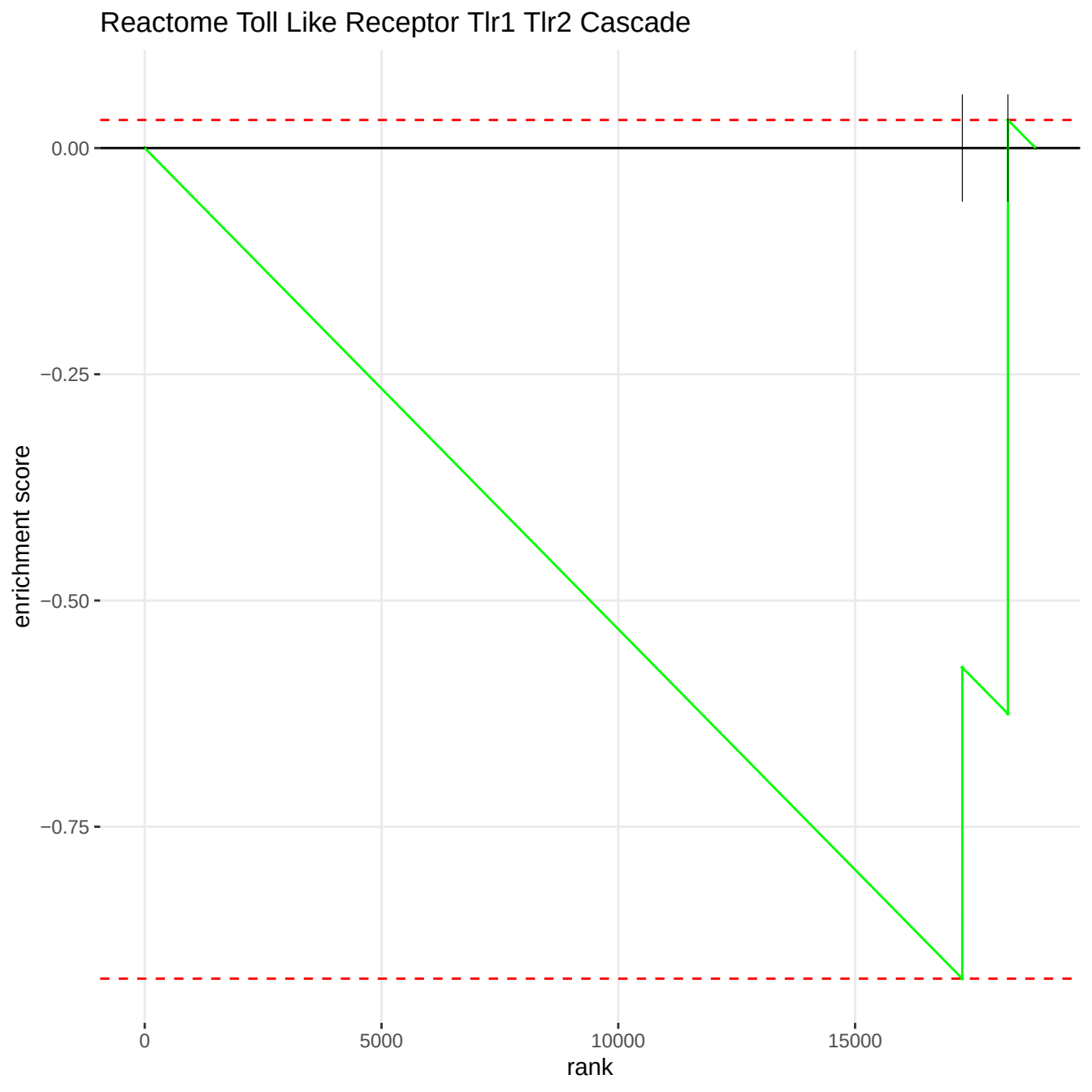
Reactome The Phototransduction Cascade
0.2
0.0
−0.2
enrichment score
0
5000
10000
15000
rank

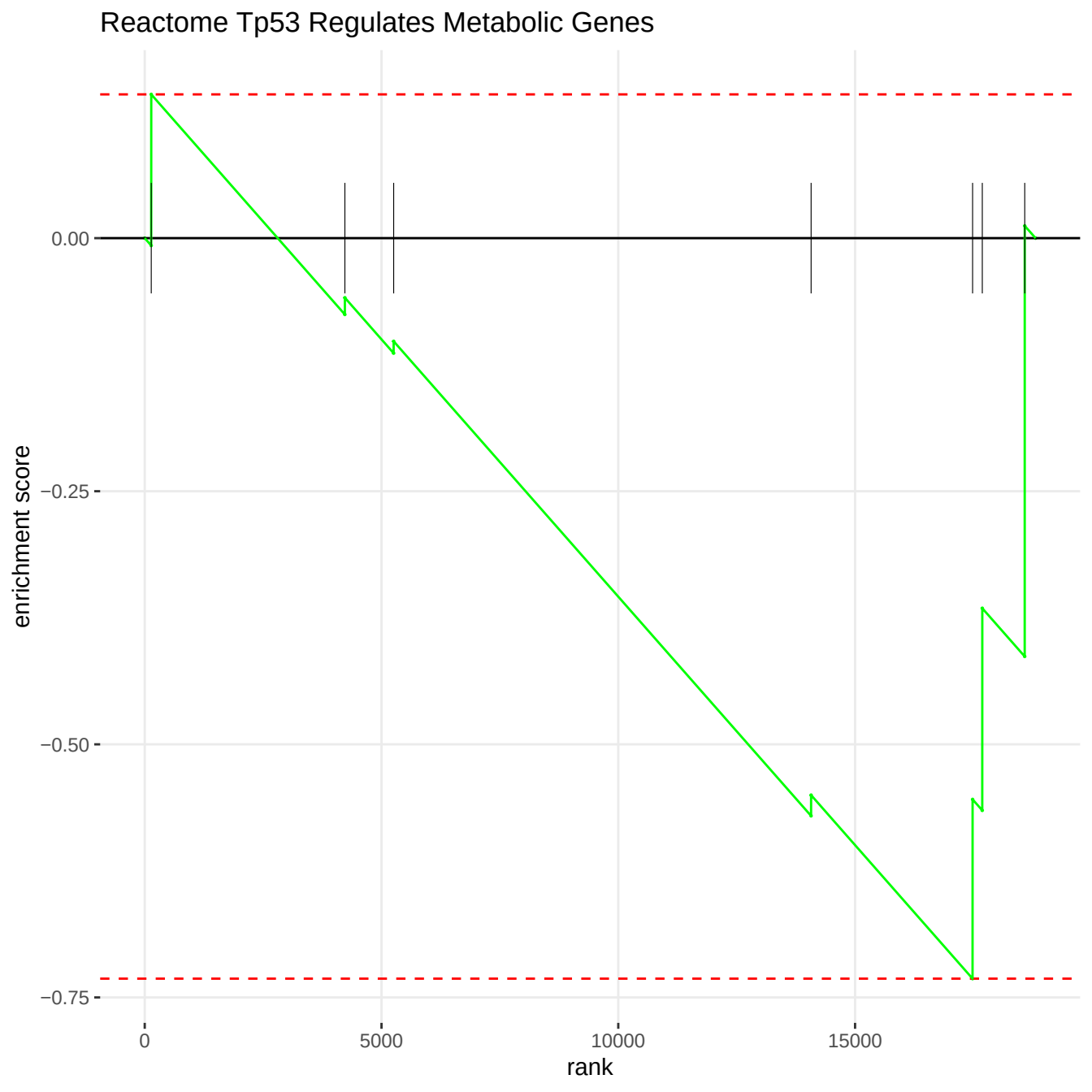
Reactome Toll Like Receptor 10 Tlr10 Cascade
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

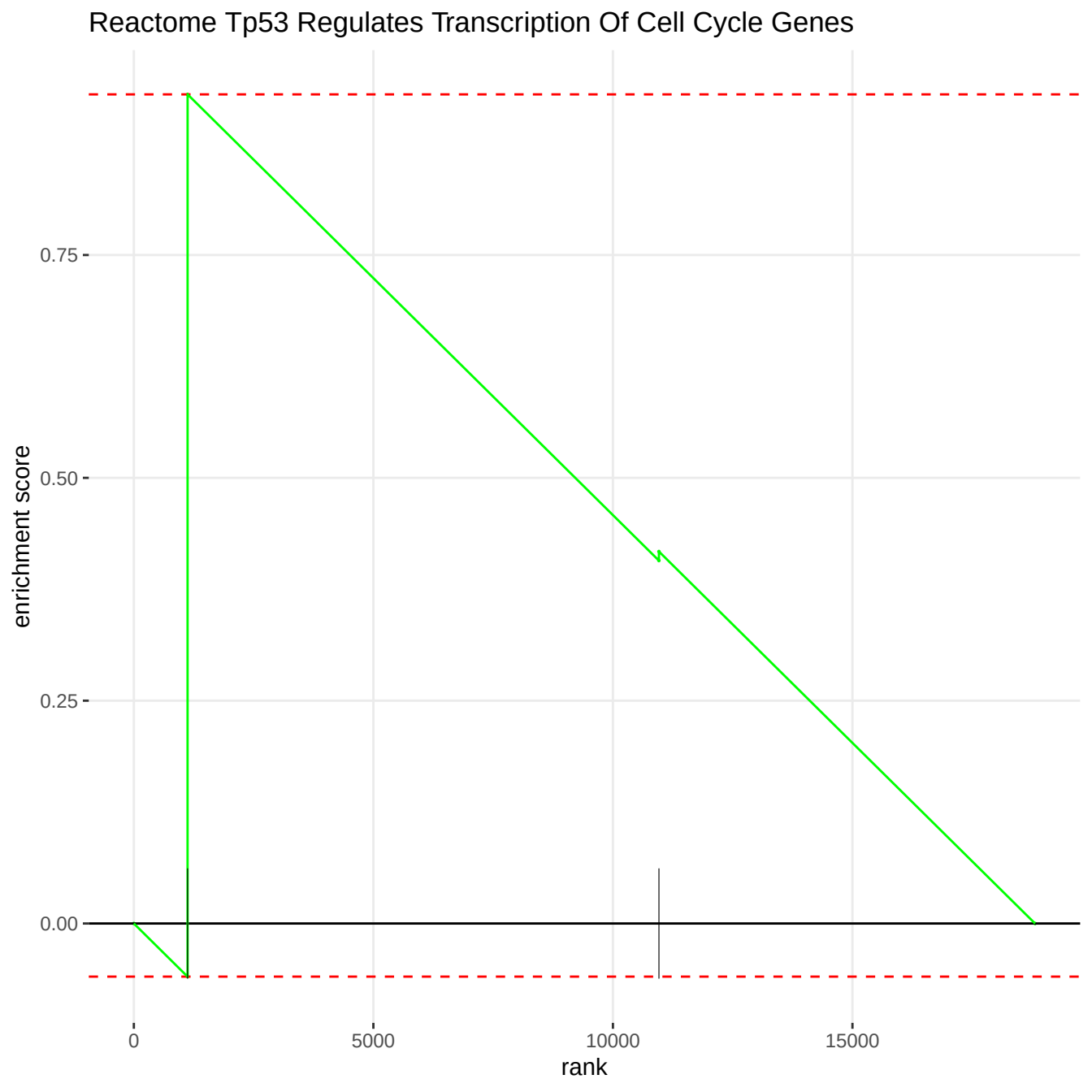
Reactome Toll Like Receptor 4 Tlr4 Cascade
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

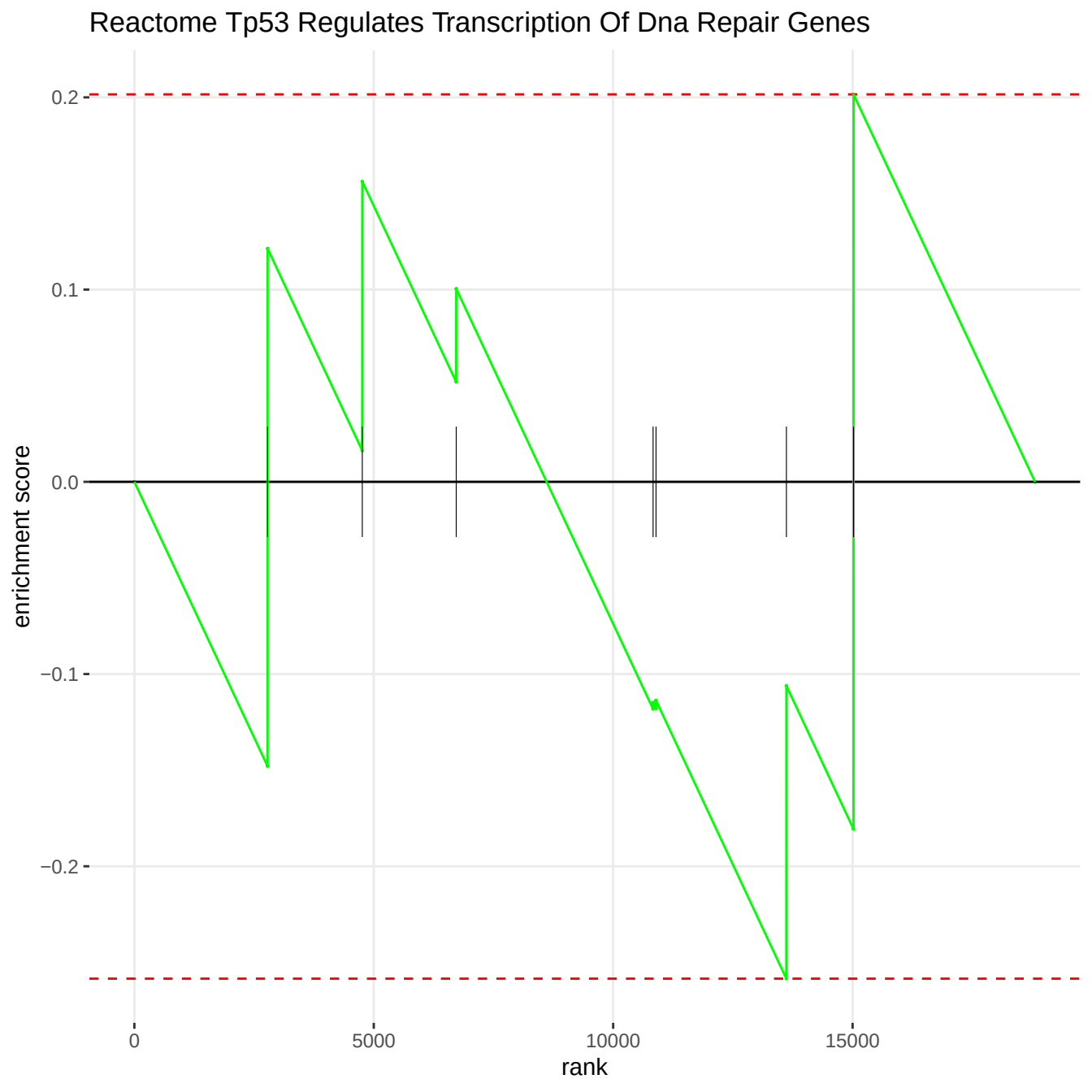
Reactome Toll Like Receptor 9 Tlr9 Cascade
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

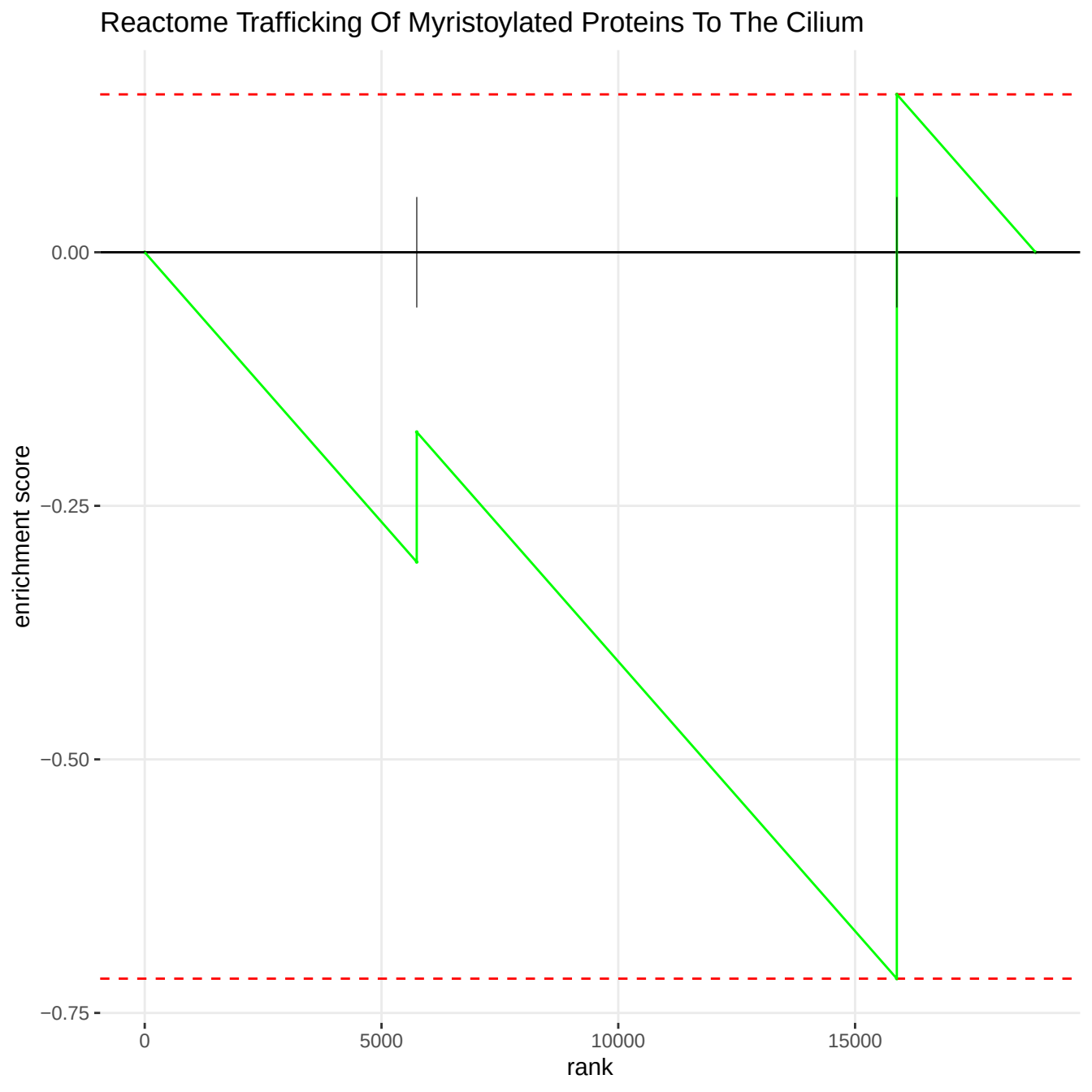

Reactome Toll Like Receptor Cascades
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

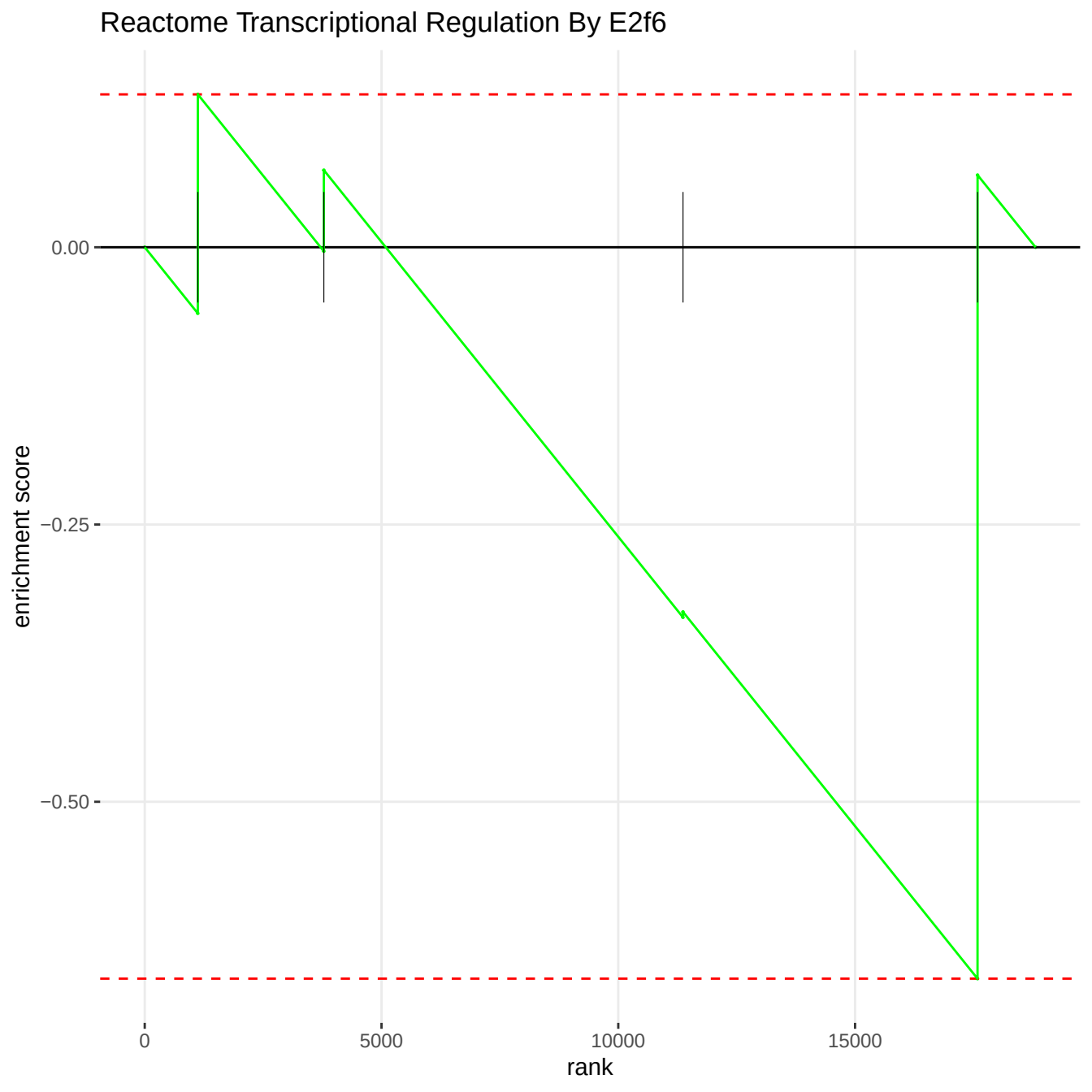

Reactome Toll Like Receptor Tlr1 Tlr2 Cascade
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

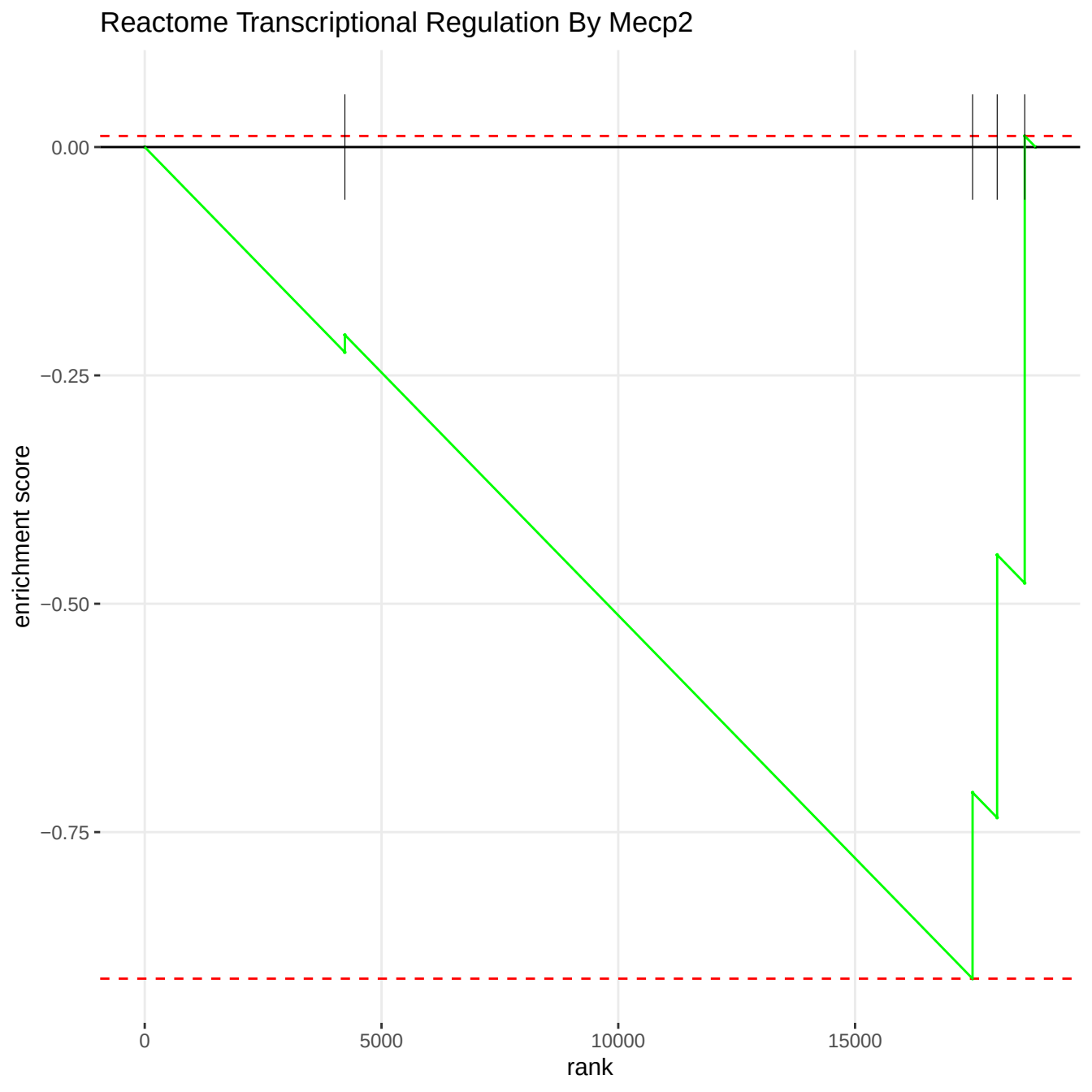

Reactome Tp53 Regulates Metabolic Genes
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Tp53 Regulates Transcription Of Cell Cycle Genes
enrichment score
0.75
0.50
0.25
0.00
0
5000
10000
15000
rank


Reactome Tp53 Regulates Transcription Of Dna Repair Genes
0.2
0.1
0.0
−0.1
−0.2
enrichment score
0
5000
10000
15000
rank

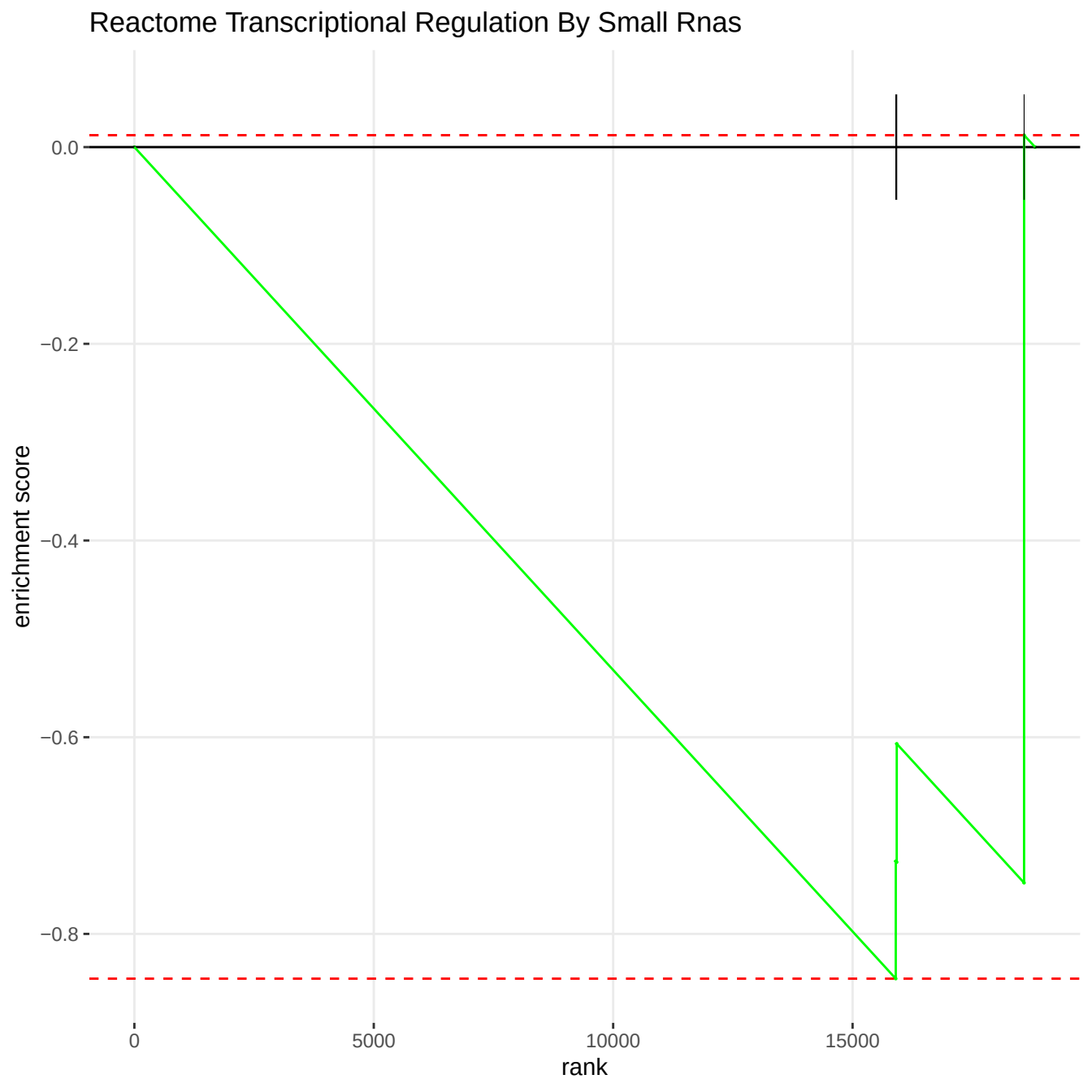

Reactome Trafficking Of Myristoylated Proteins To The Cilium
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

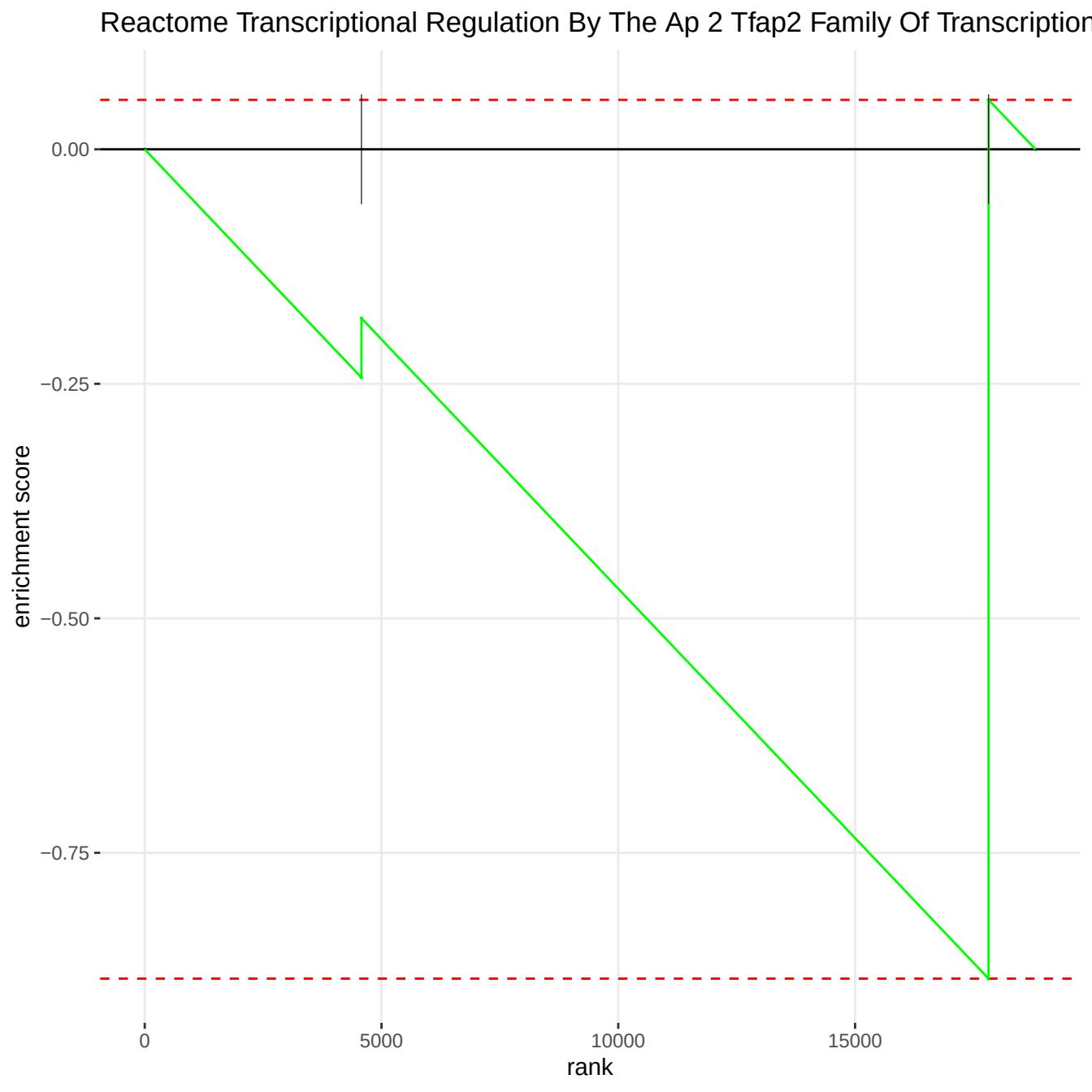

Reactome Transcriptional Regulation By E2f6
0.00
−0.25
−0.50
enrichment score
0
5000
10000
15000
rank

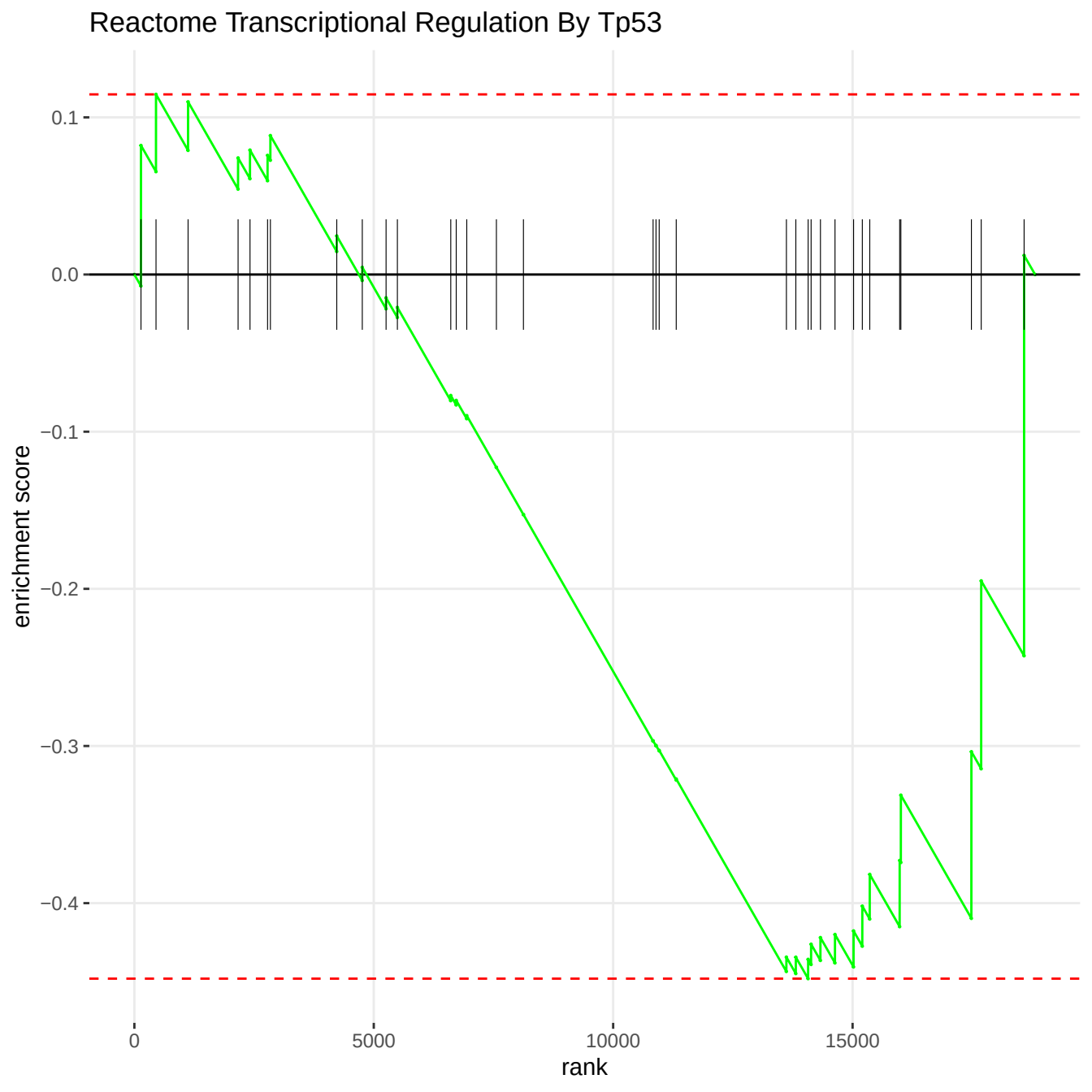

Reactome Transcriptional Regulation By Mecp2
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

Reactome Transcriptional Regulation By Runx1
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

Reactome Transcriptional Regulation By Runx2
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Transcriptional Regulation By Small Rnas
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

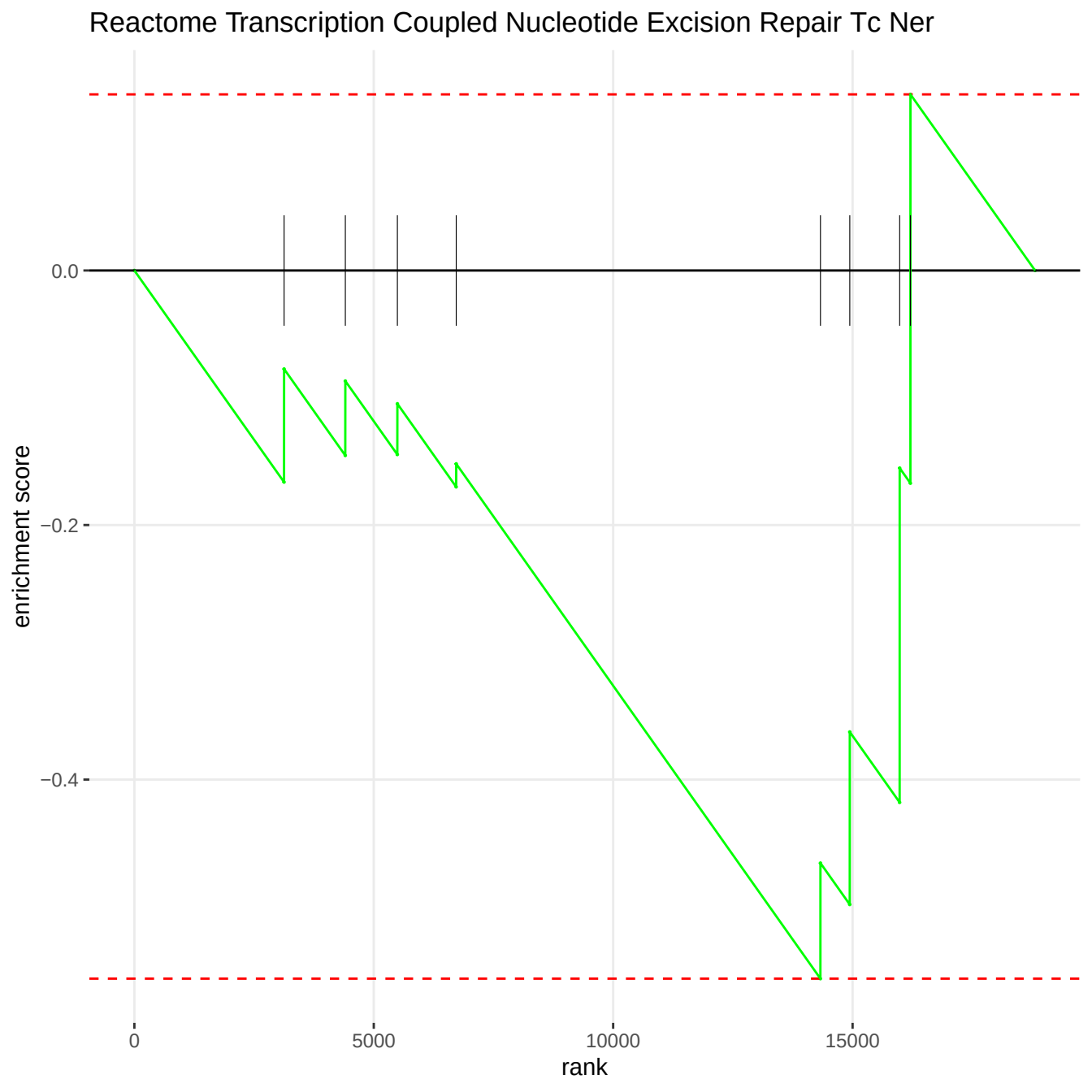

Reactome Transcriptional Regulation By The Ap 2 Tfap2 Family Of Transcription
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

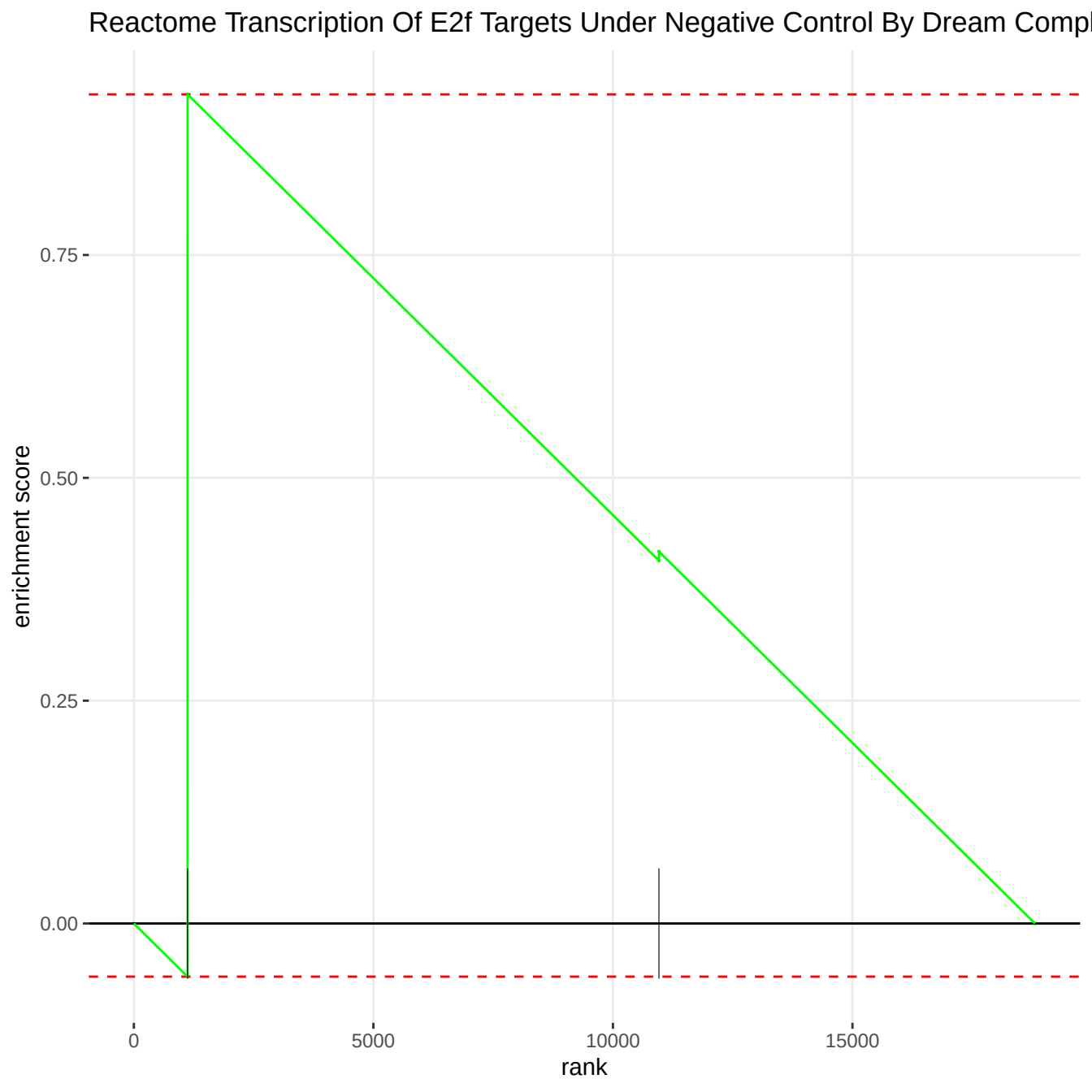

Reactome Transcriptional Regulation By Tp53
0.1
0.0
−0.1
−0.2
−0.3
−0.4
enrichment score
0
5000
10000
15000
rank

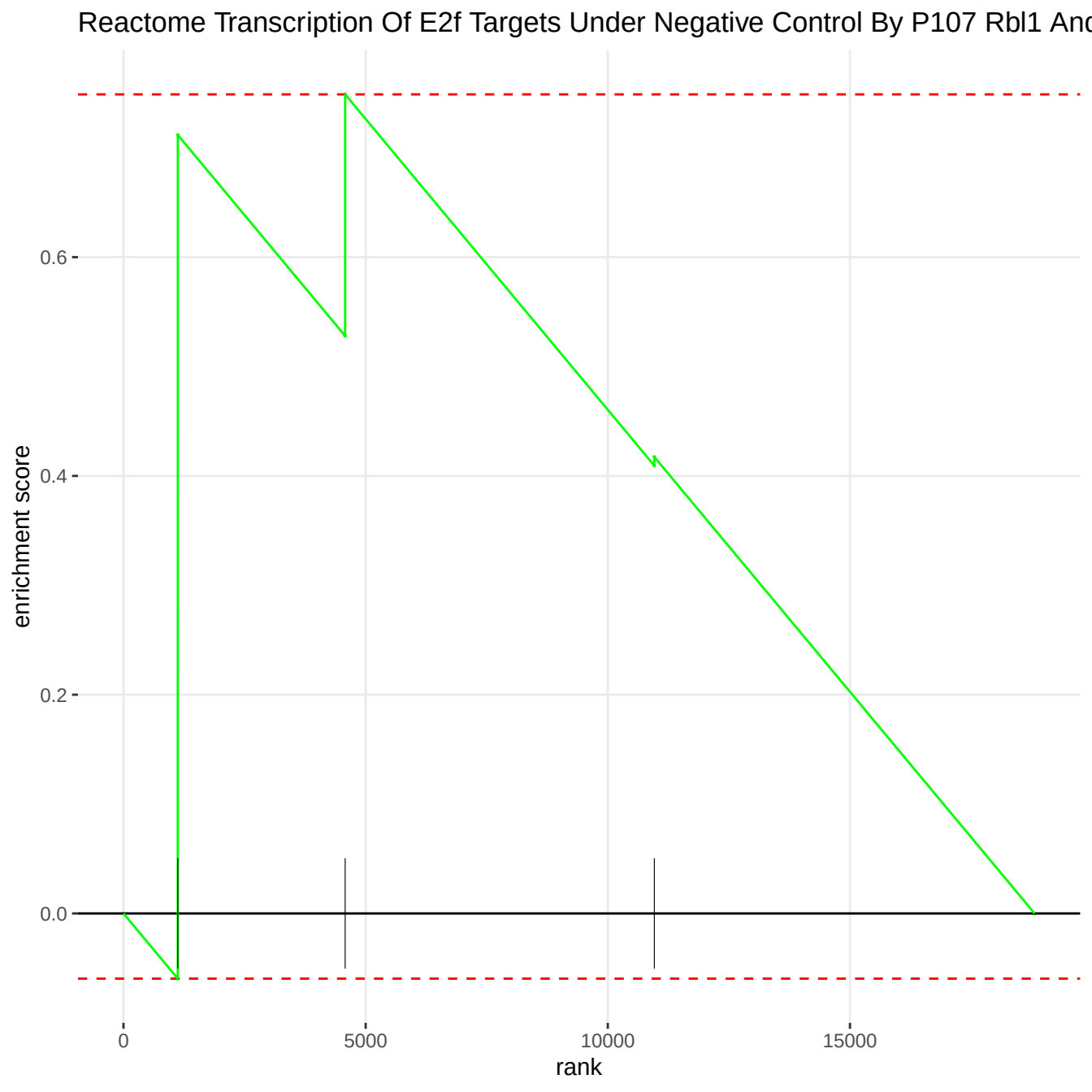
Reactome Transcriptional Regulation By Ventx
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

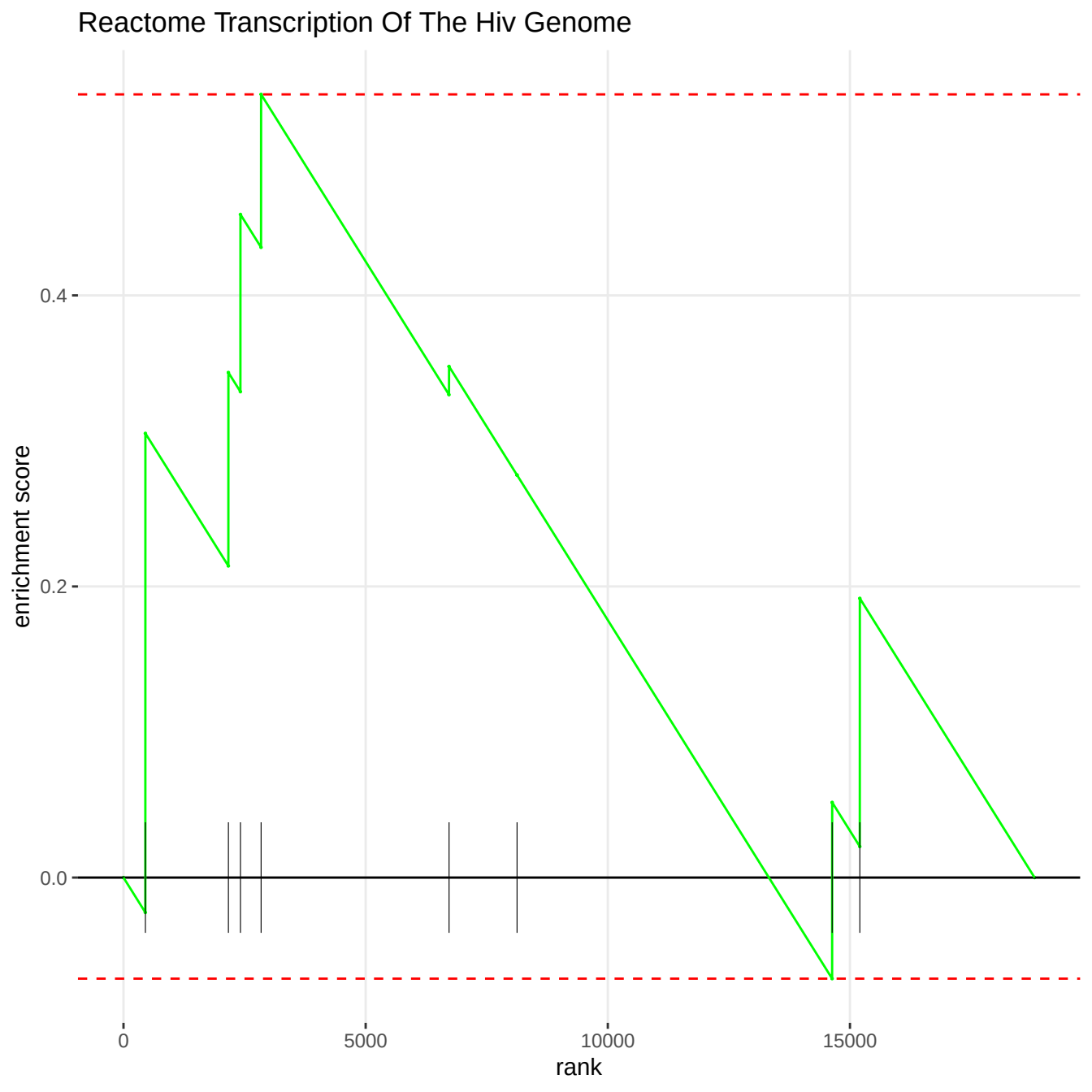
Reactome Transcriptional Regulation Of Granulopoiesis
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank

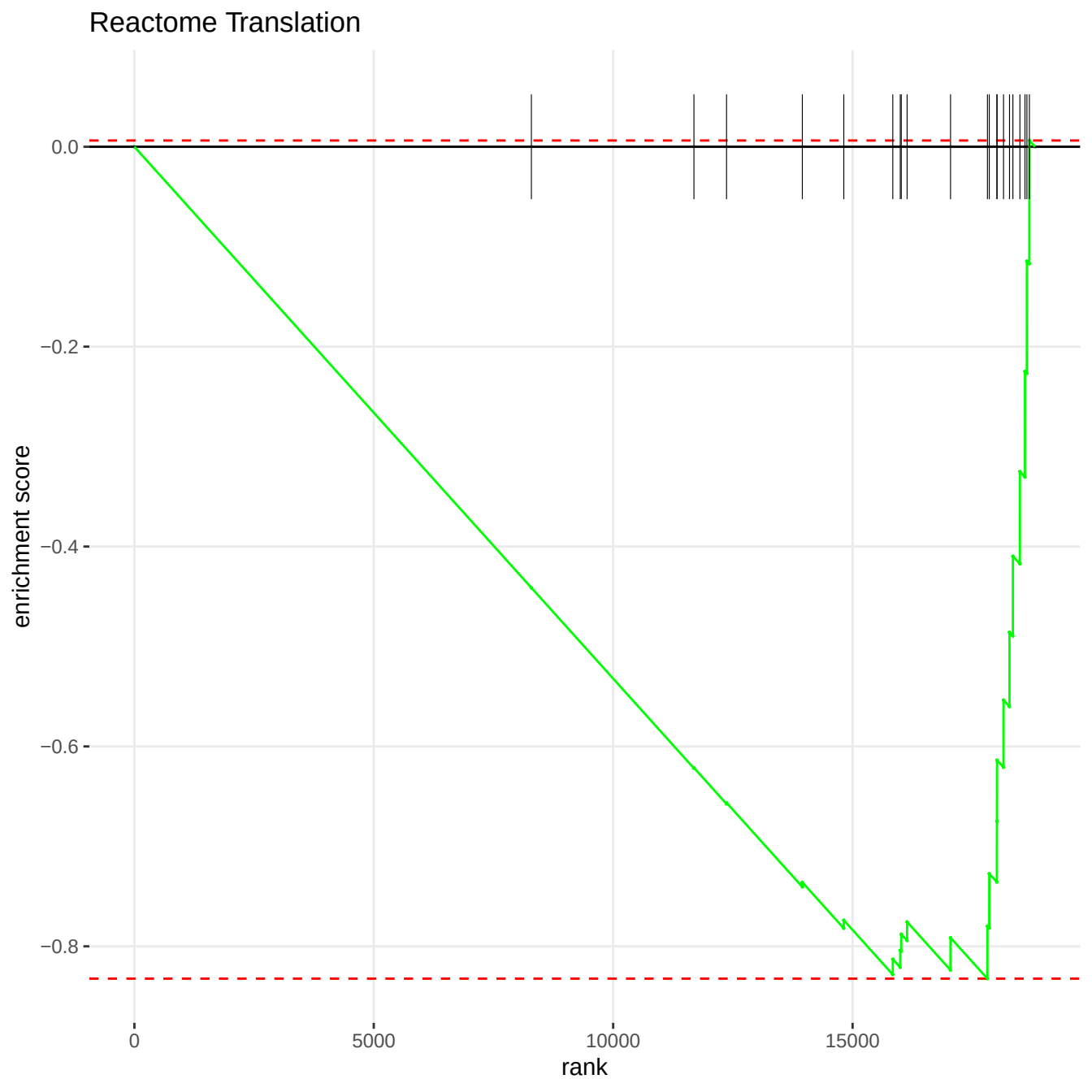
Reactome Transcriptional Regulation Of White Adipocyte Differentiation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

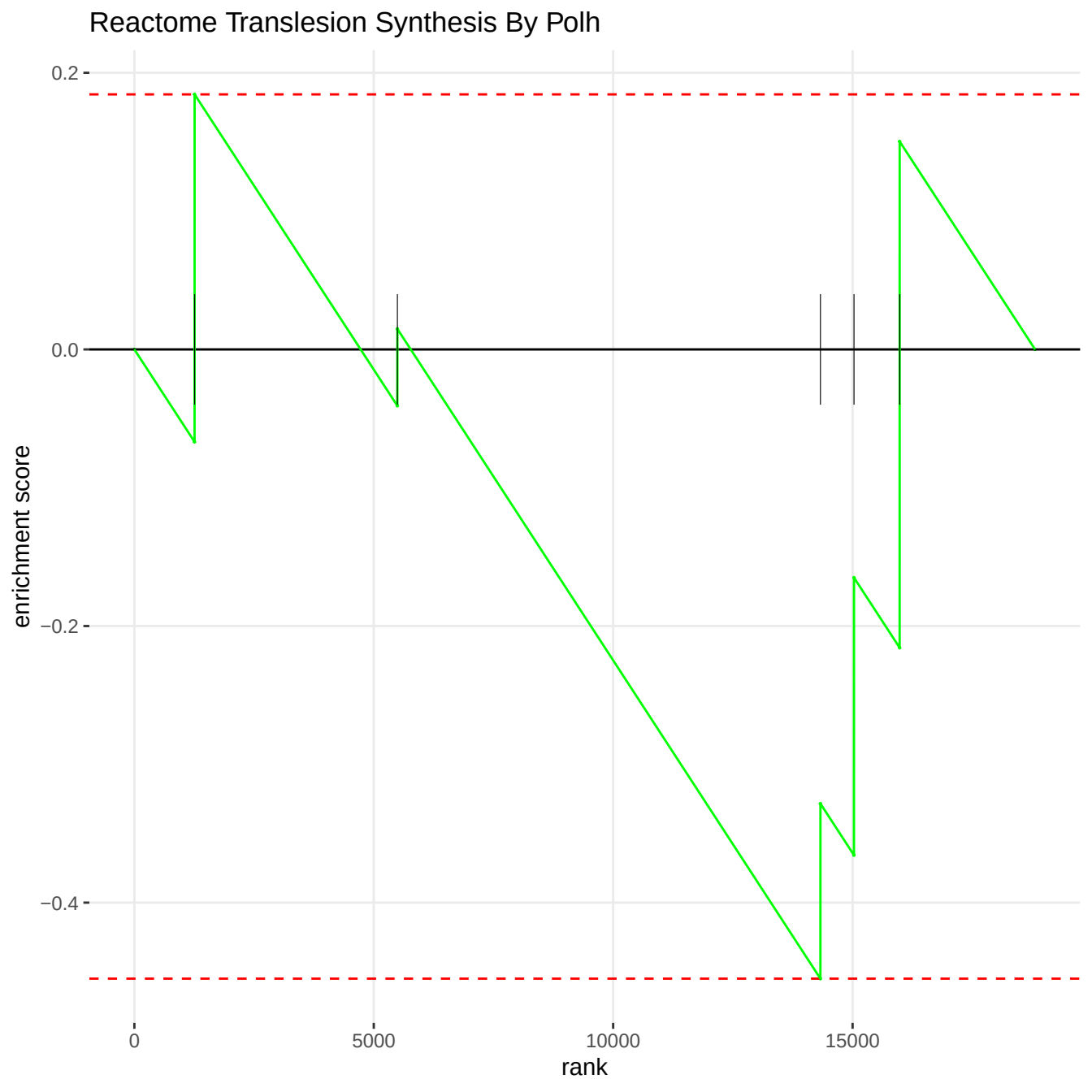

Reactome Transcription Coupled Nucleotide Excision Repair Tc Ner
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank

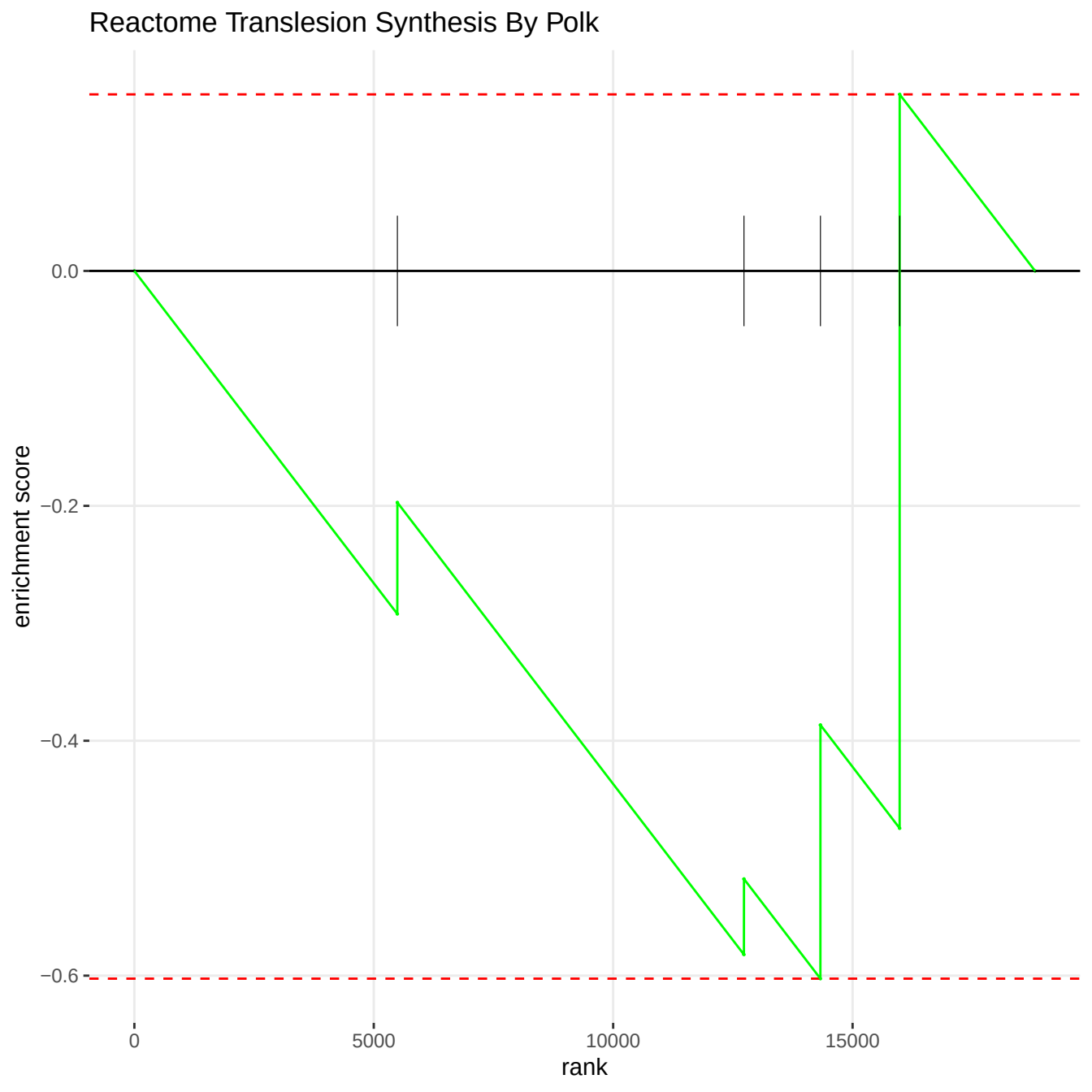

Reactome Transcription Of E2f Targets Under Negative Control By Dream Compl
enrichment score
0.75
0.50
0.25
0.00
0
5000
10000
15000
rank

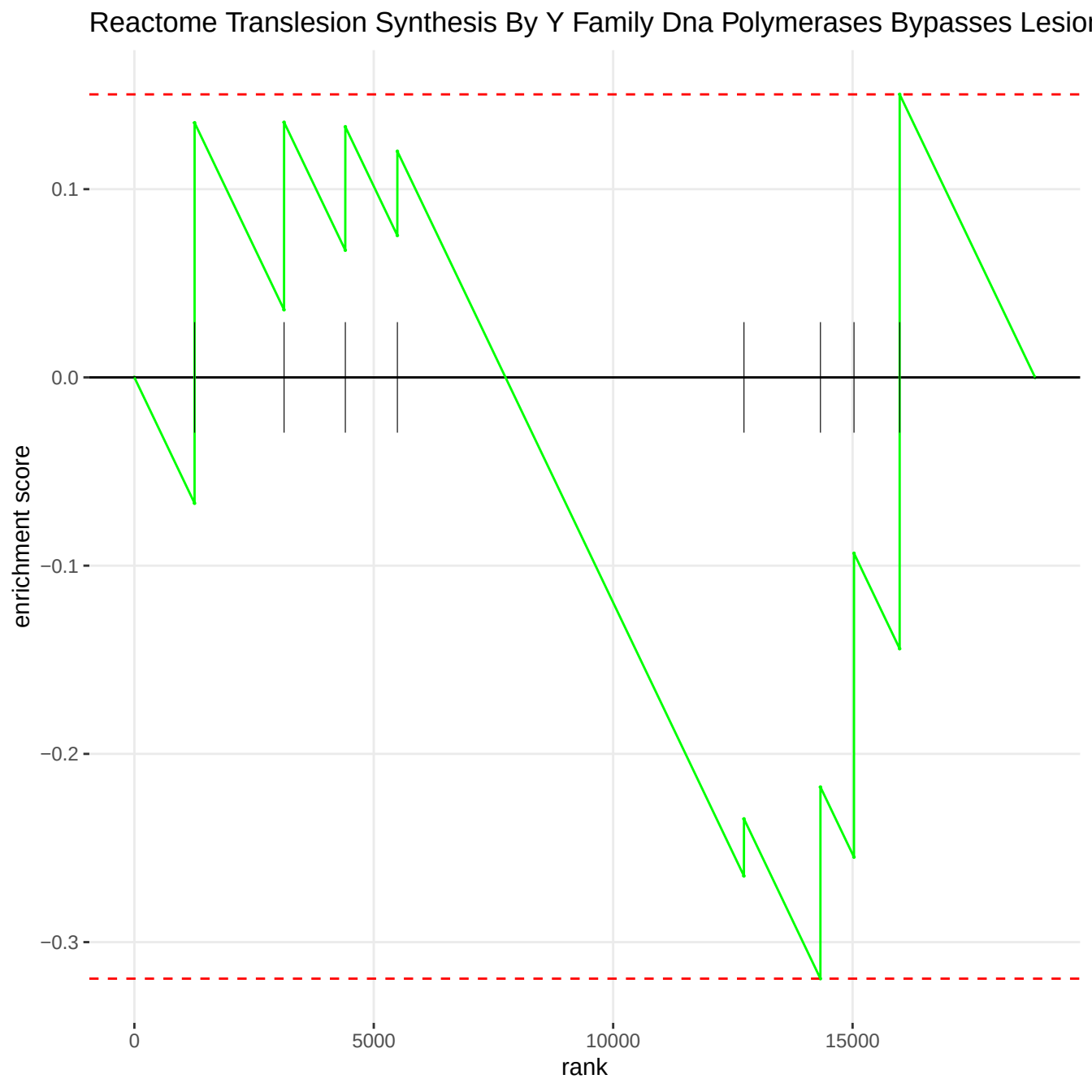

Reactome Transcription Of E2f Targets Under Negative Control By P107 Rbl1 And
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank


Reactome Transcription Of The Hiv Genome
enrichment score
0.4
0.2
0.0
0
5000
10000
15000
rank

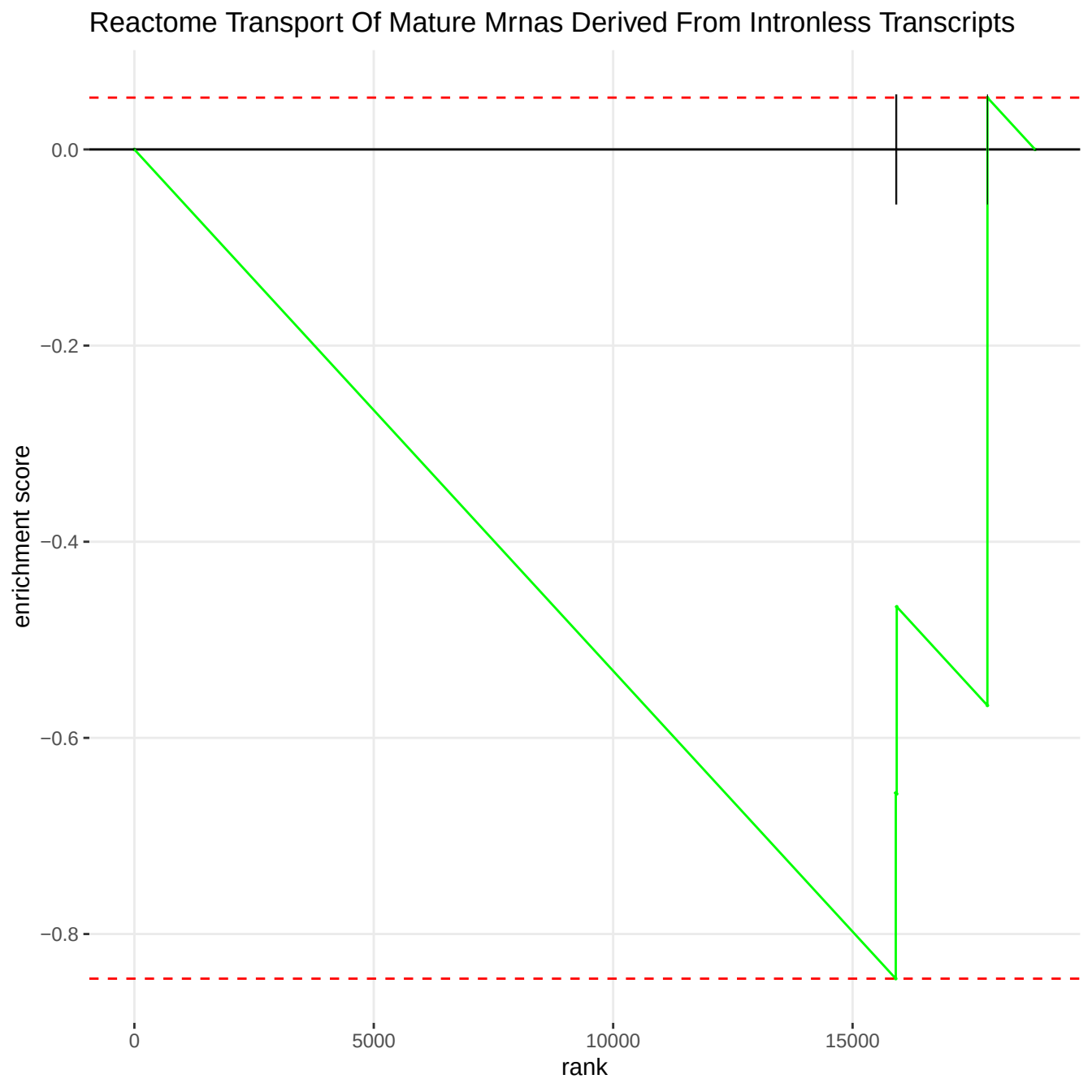

Reactome Translation
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

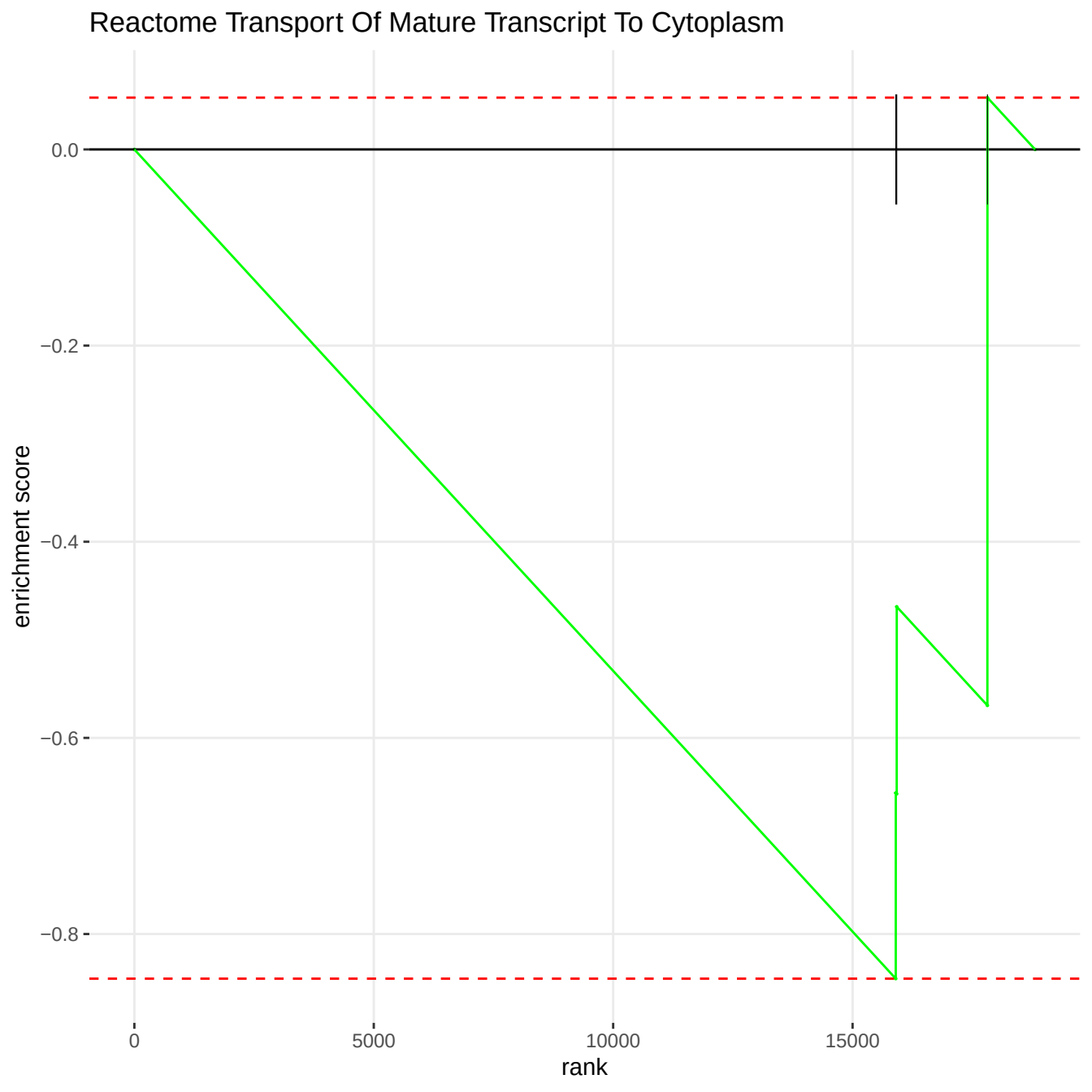

Reactome Translesion Synthesis By Polh
0.2
0.0
−0.2
−0.4
enrichment score
0
5000
10000
15000
rank


Reactome Translesion Synthesis By Polk
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Translesion Synthesis By Y Family Dna Polymerases Bypasses Lesion
0.1
0.0
−0.1
−0.2
−0.3
enrichment score
0
5000
10000
15000
rank

Reactome Transmission Across Chemical Synapses
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Transport Of Mature Mrnas Derived From Intronless Transcripts
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

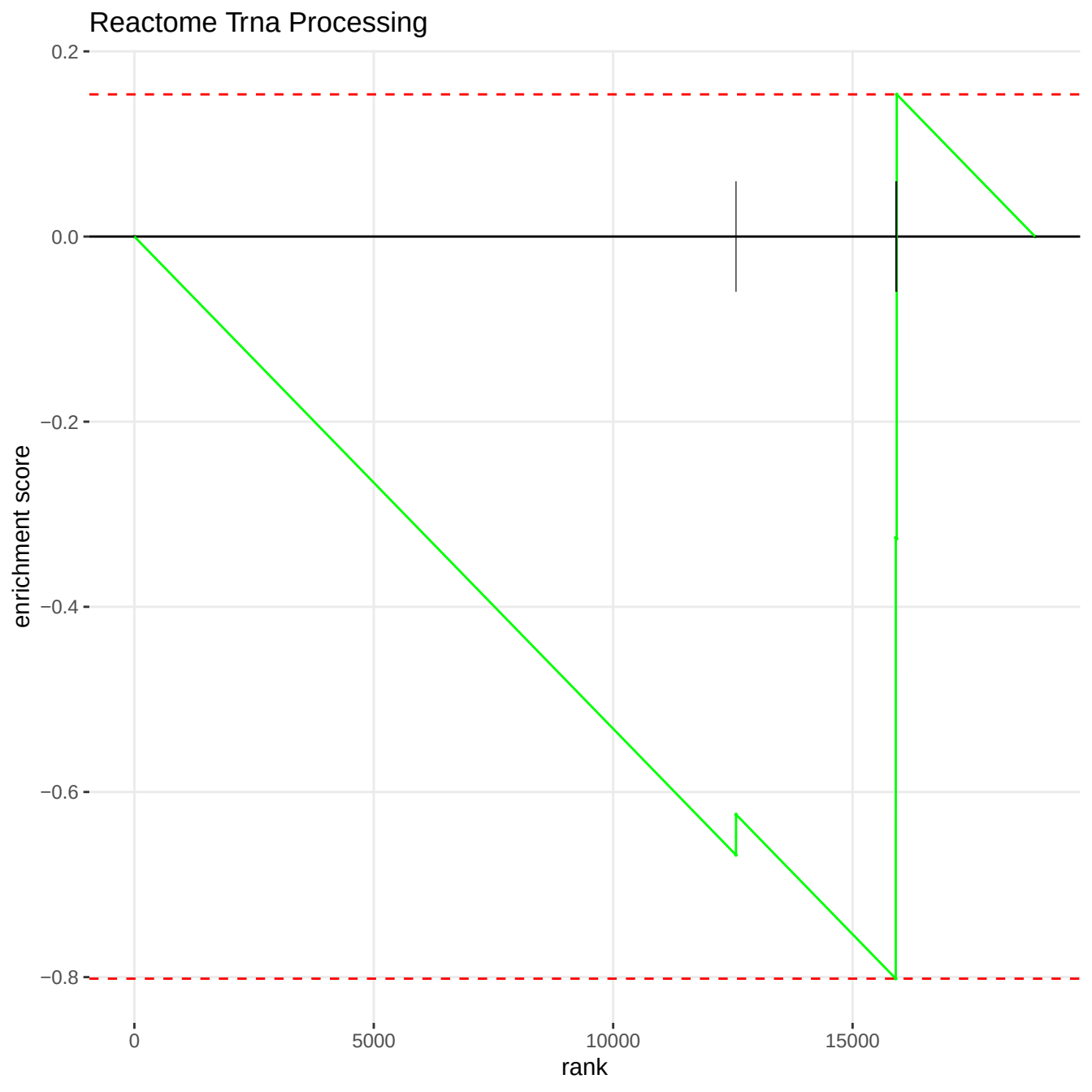

Reactome Transport Of Mature Transcript To Cytoplasm
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

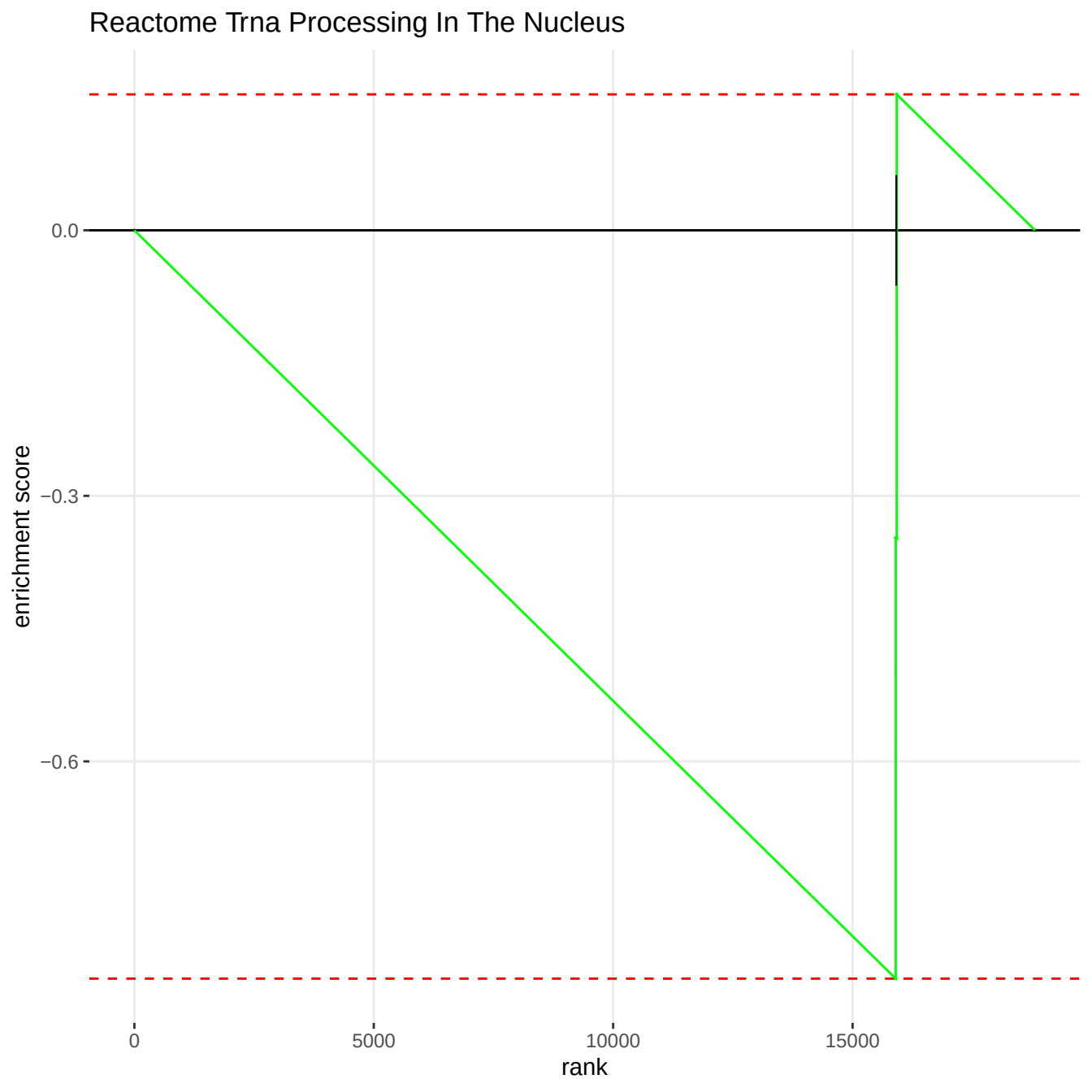
Reactome Transport Of Small Molecules
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

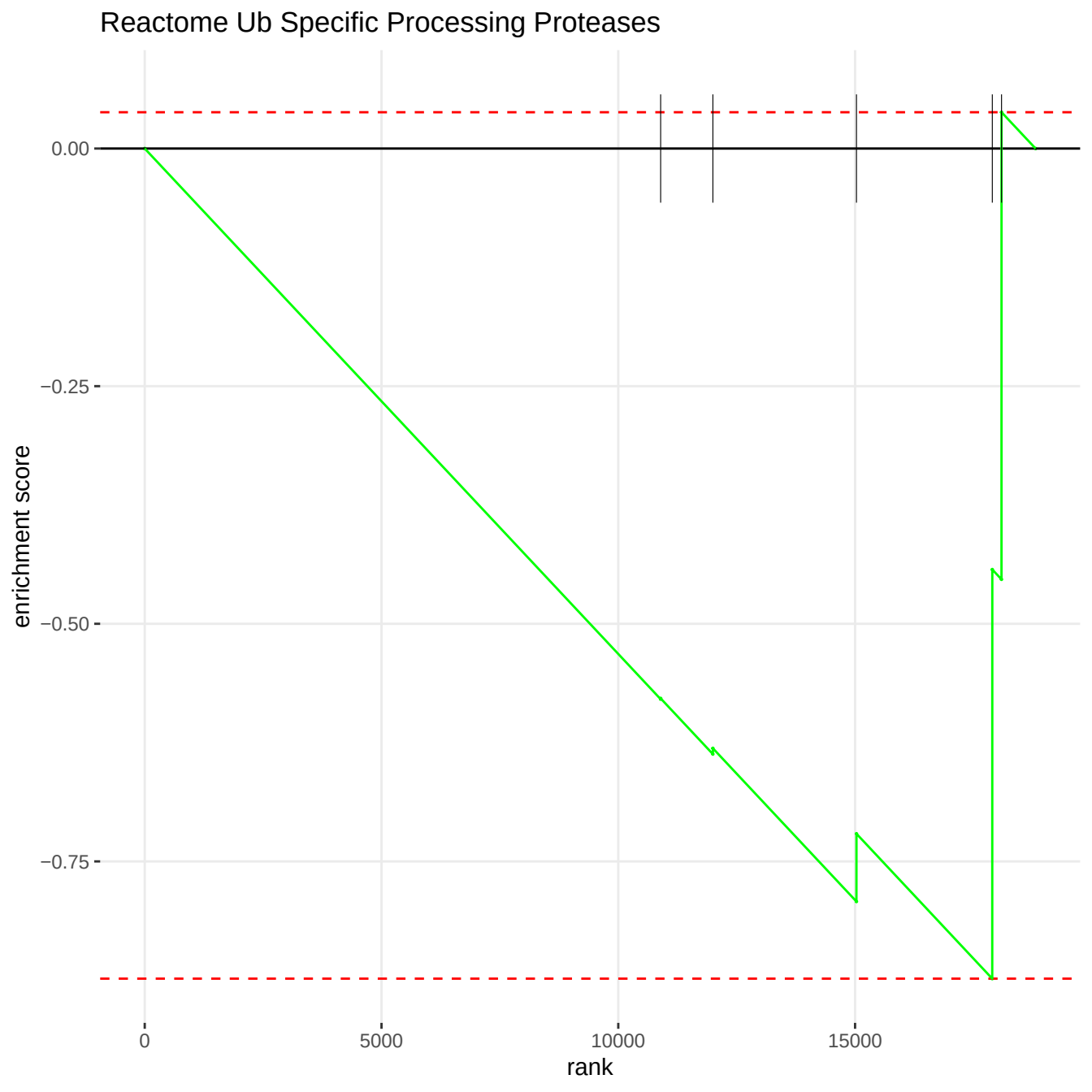
Reactome Transport Of The Slbp Dependant Mature Mrna
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

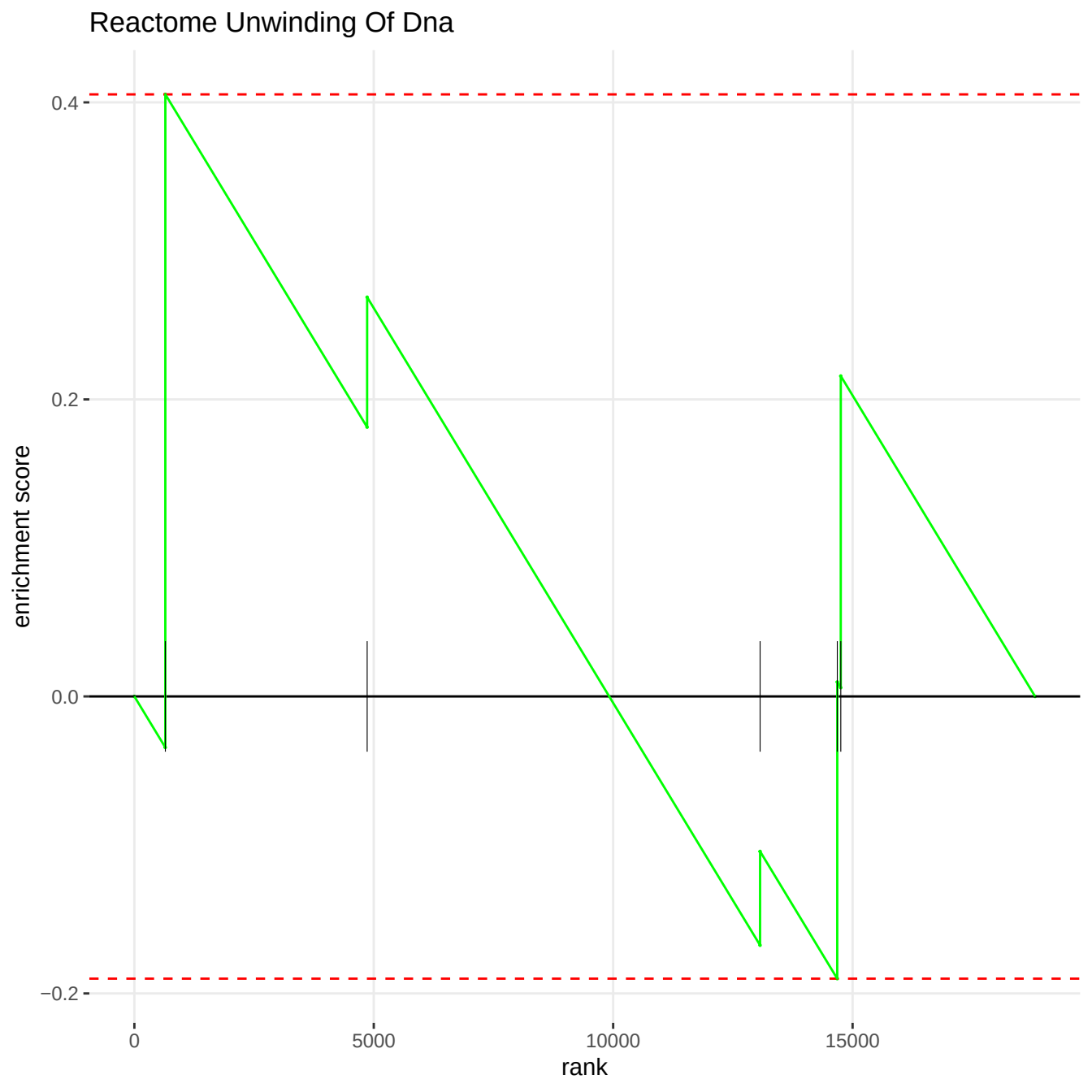
Reactome Transport To The Golgi And Subsequent Modification
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

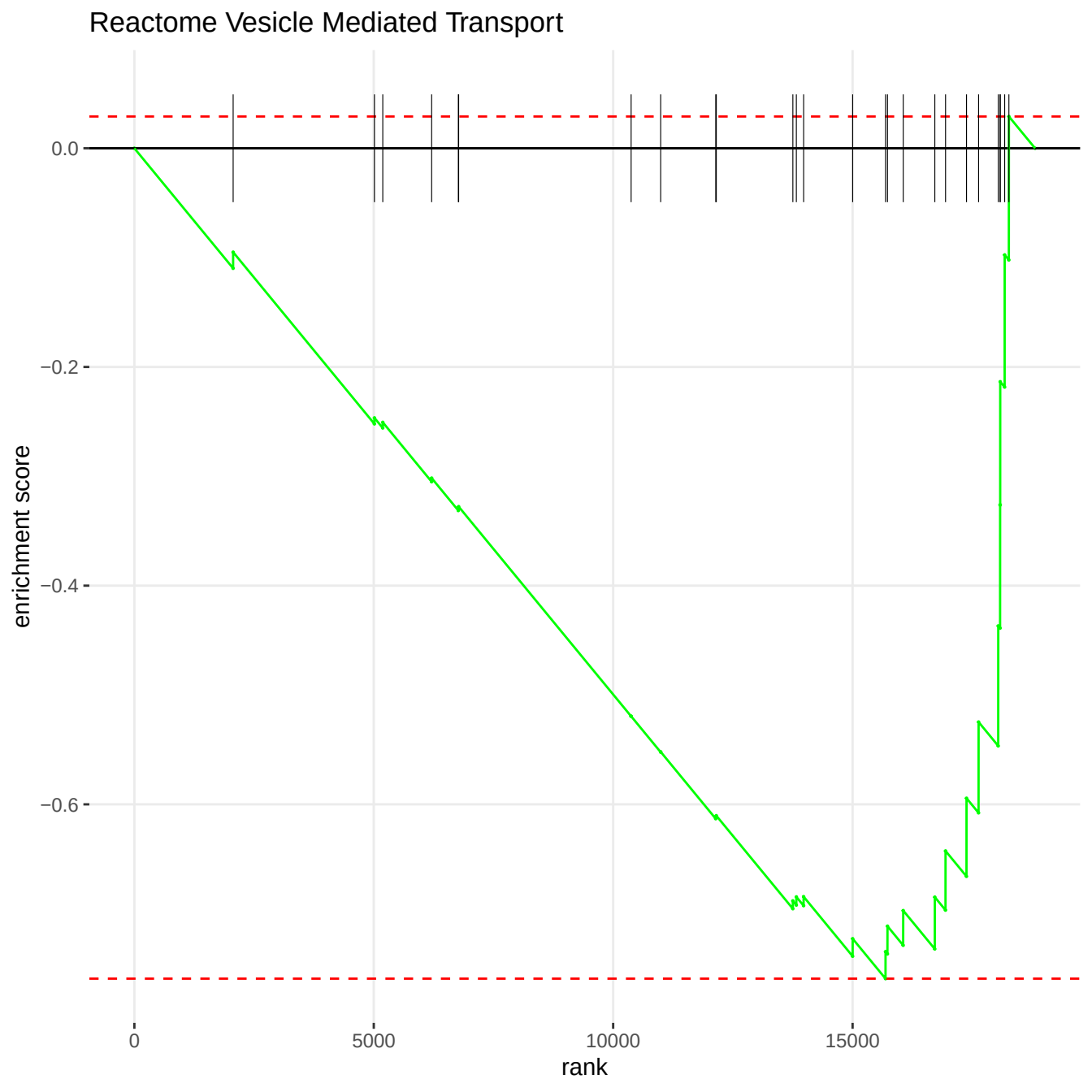
Reactome Trans Golgi Network Vesicle Budding
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank

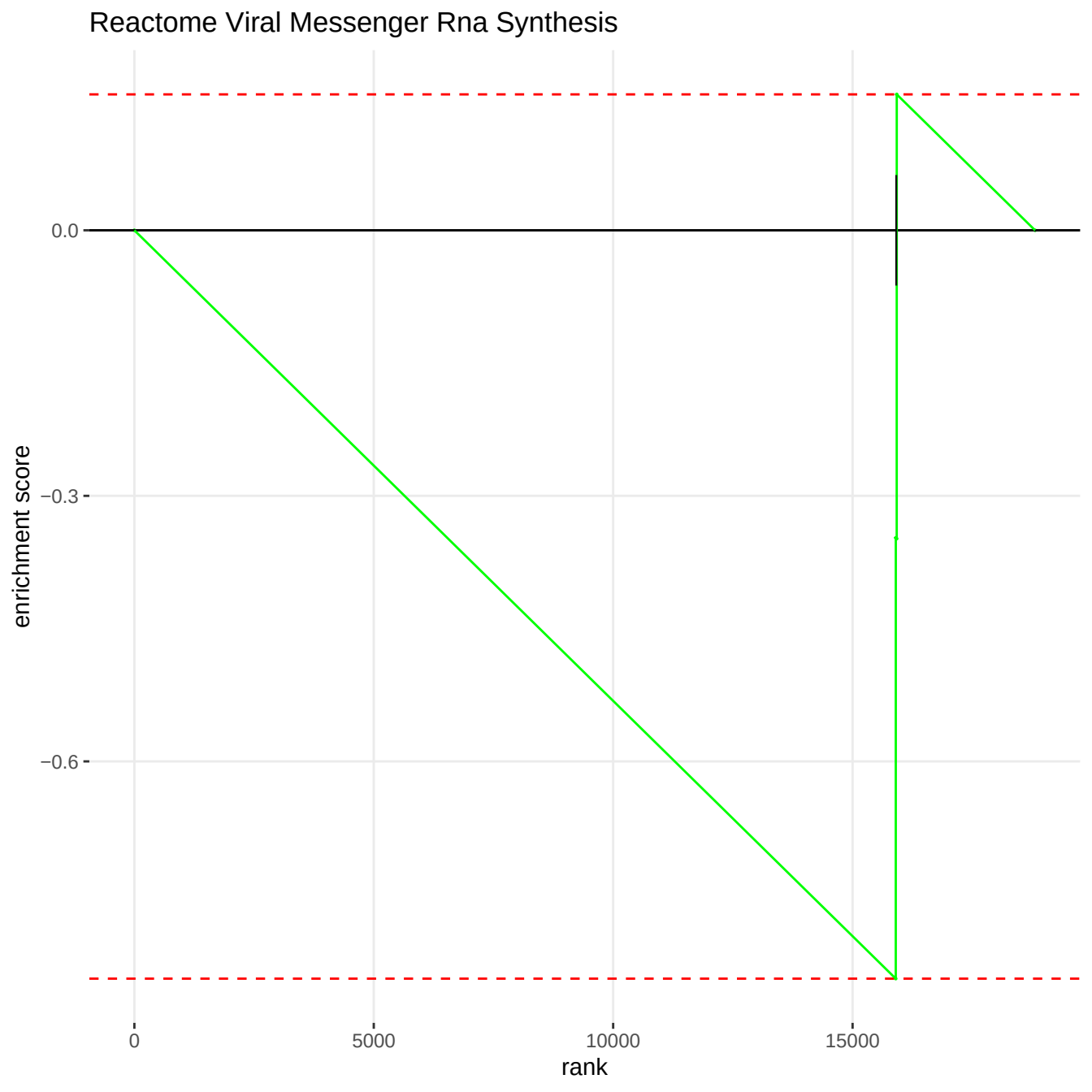

Reactome Trna Processing
0.2
0.0
−0.2
−0.4
−0.6
−0.8
enrichment score
0
5000
10000
15000
rank

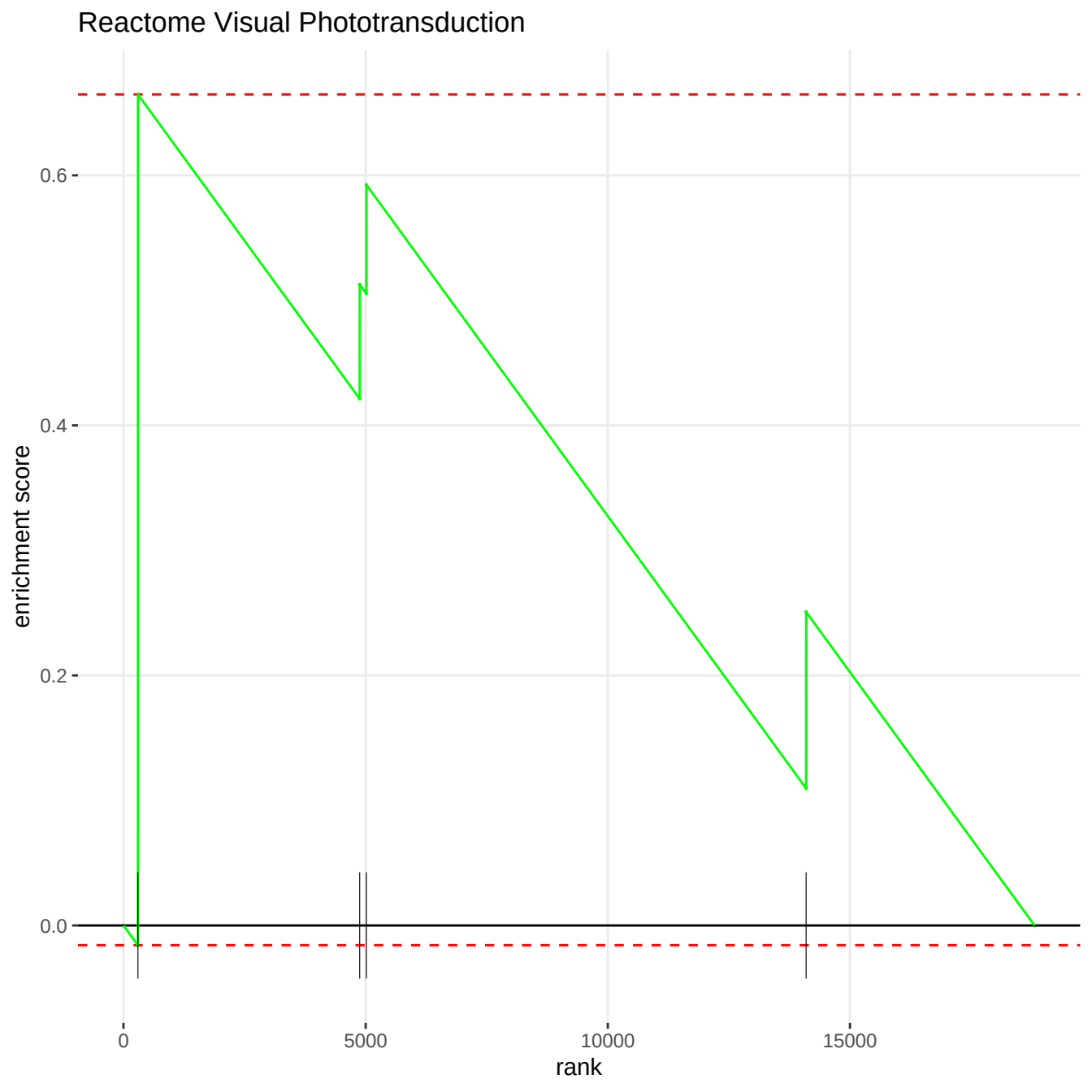

Reactome Trna Processing In The Nucleus
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank

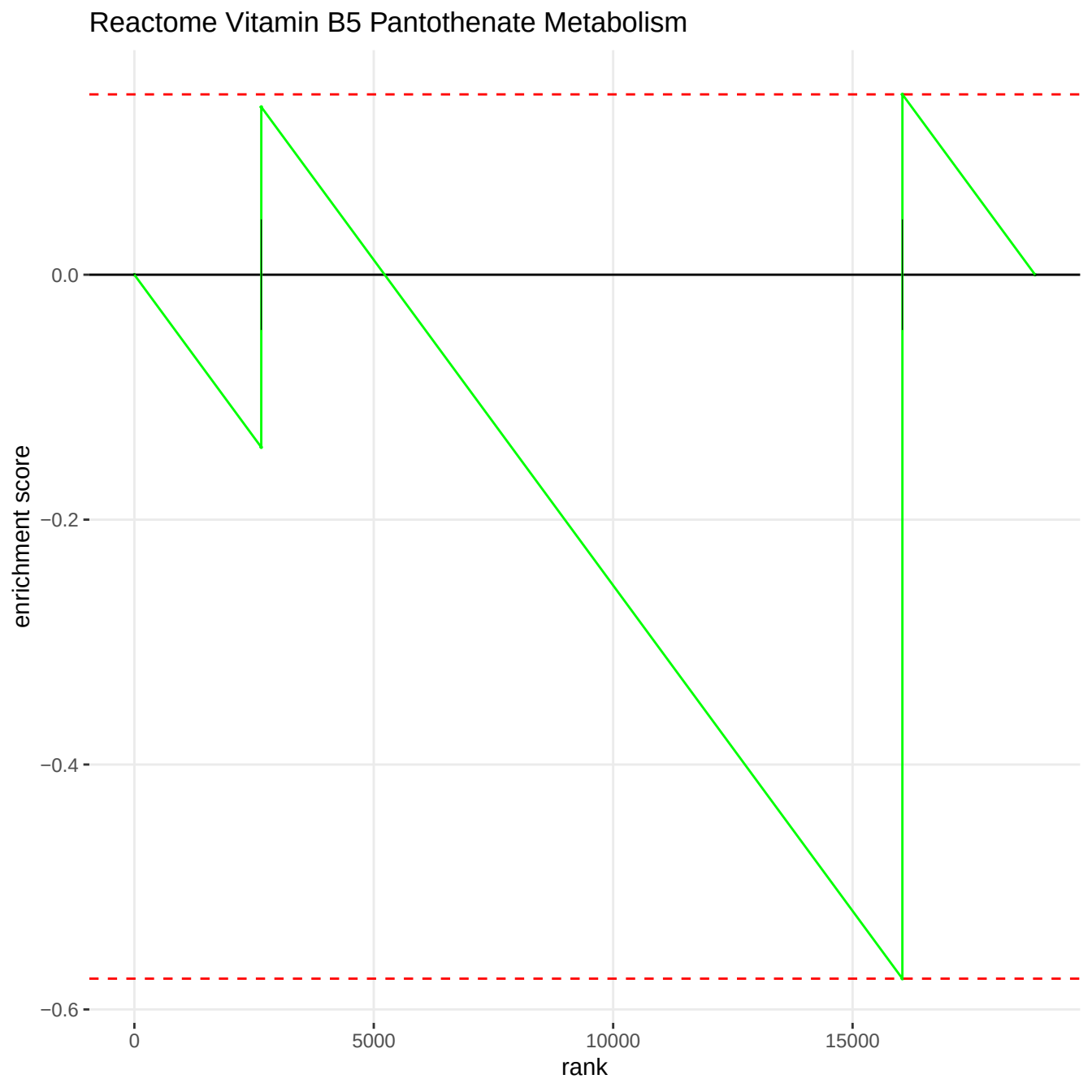

Reactome Ub Specific Processing Proteases
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank


Reactome Unwinding Of Dna
0.4
0.2
0.0
−0.2
enrichment score
0
5000
10000
15000
rank


Reactome Vesicle Mediated Transport
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Viral Messenger Rna Synthesis
0.0
−0.3
−0.6
enrichment score
0
5000
10000
15000
rank


Reactome Visual Phototransduction
enrichment score
0.6
0.4
0.2
0.0
0
5000
10000
15000
rank


Reactome Vitamin B5 Pantothenate Metabolism
0.0
−0.2
−0.4
−0.6
enrichment score
0
5000
10000
15000
rank

Reactome Vxpx Cargo Targeting To Cilium
0.00
−0.25
−0.50
−0.75
enrichment score
0
5000
10000
15000
rank