

UREA CYCLE/AMINO GROUP METABOLISM

enrichment score

0.3

0.2

0.1

0.0

0

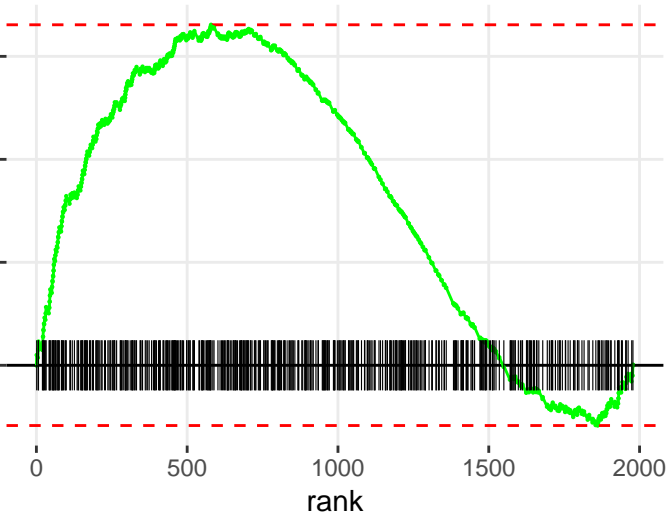
500

1000

1500

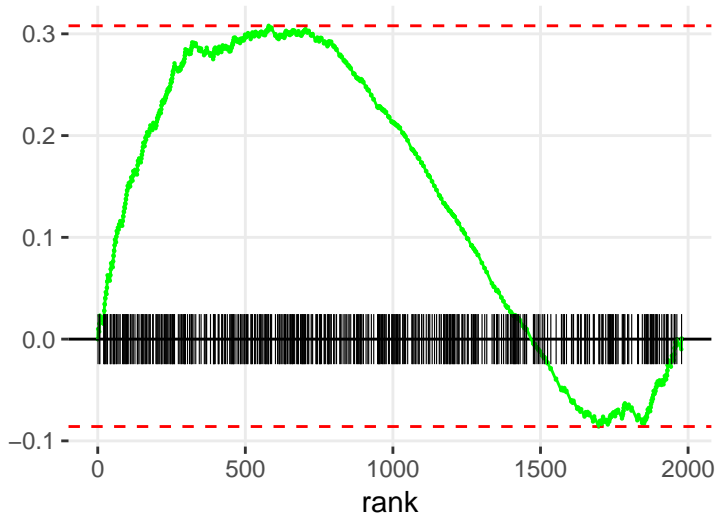
2000

rank

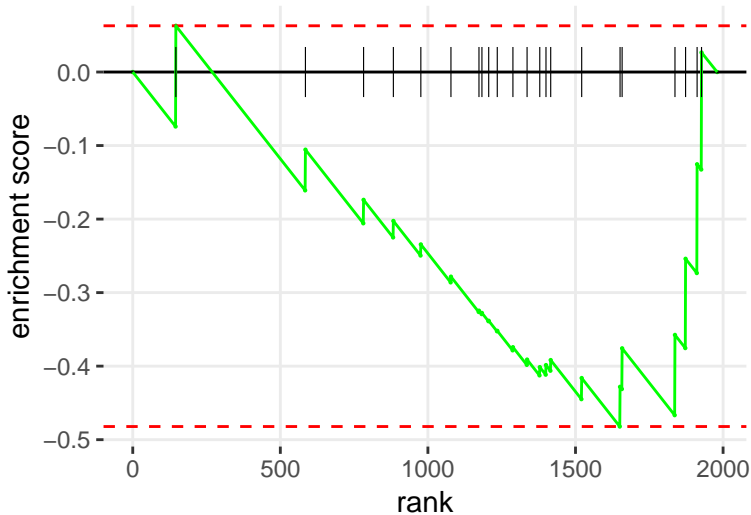


LYSINE METABOLISM

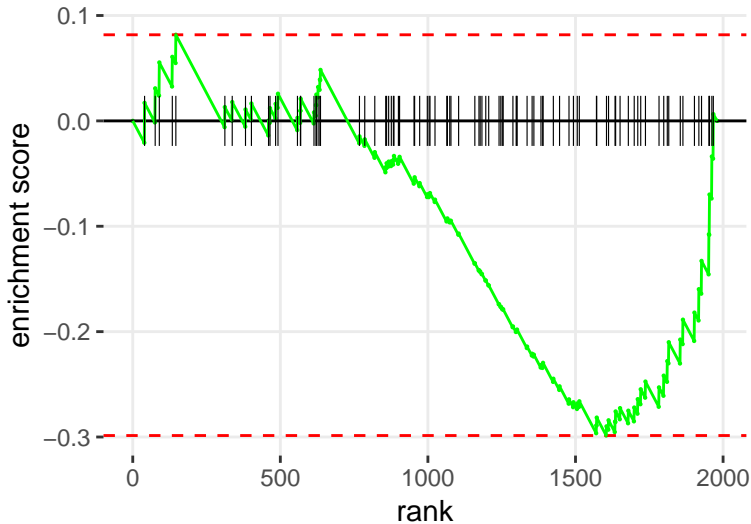
enrichment score



VITAMIN B2 (RIBOFLAVIN) METABOLISM



PYRUVATE METABOLISM



TRIHYDROXYCOPROSTANOYL-COA BETA-OXIDATION

enrichment score

0.0

-0.1

-0.2

-0.3

-0.4

0

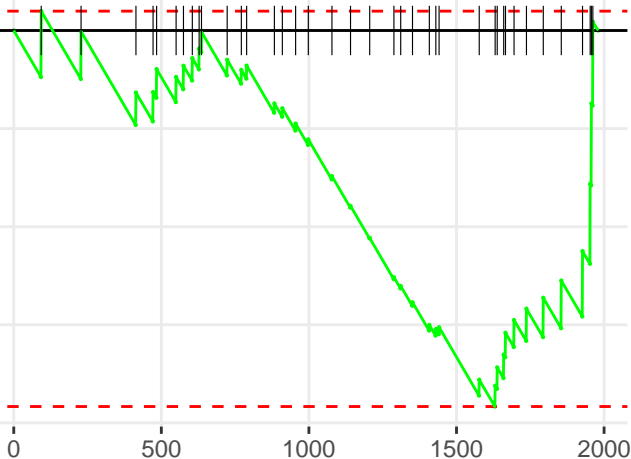
500

1000

1500

2000

rank



PROTEOGLYCAN BIOSYNTHESIS

enrichment score

0.4
0.3
0.2
0.1
0.0

0

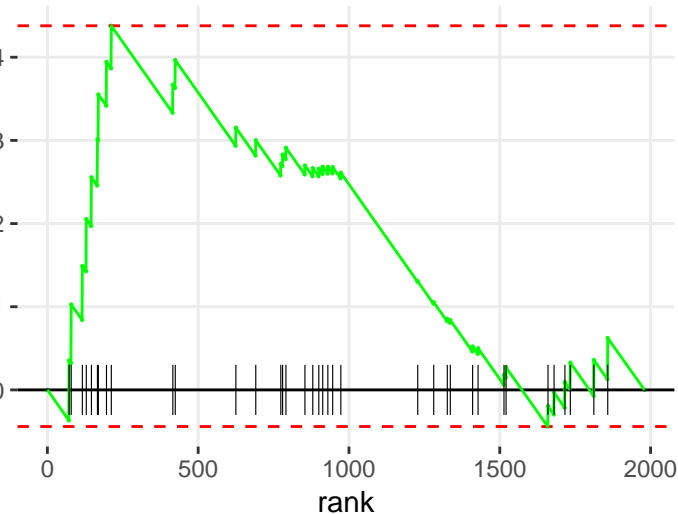
500

1000

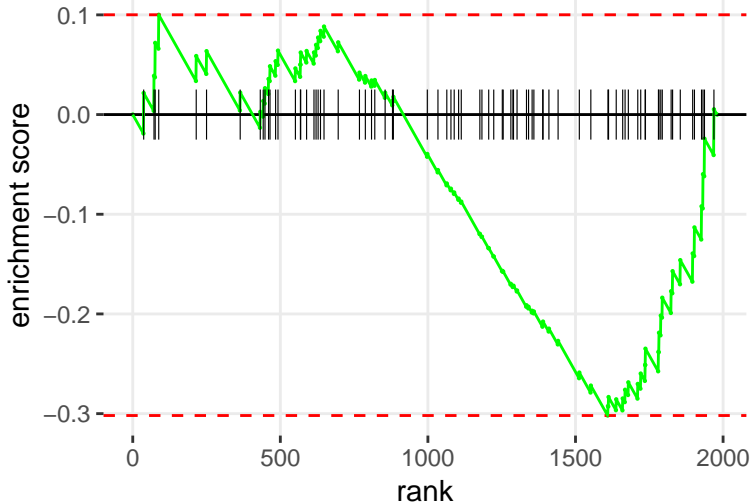
1500

2000

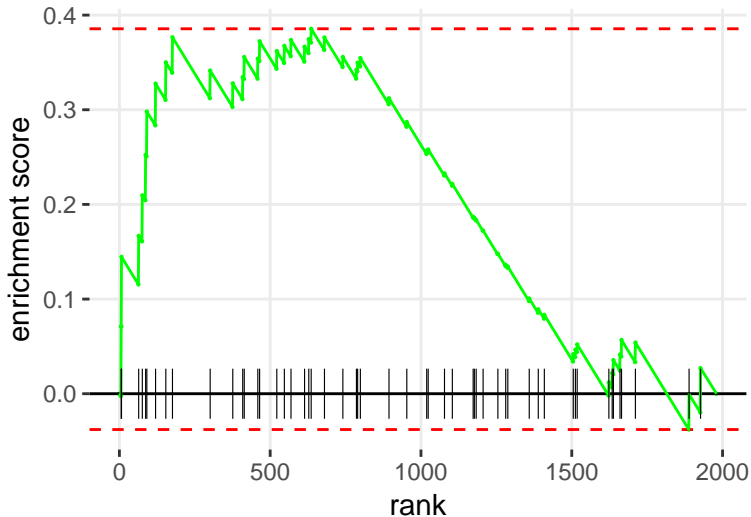
rank



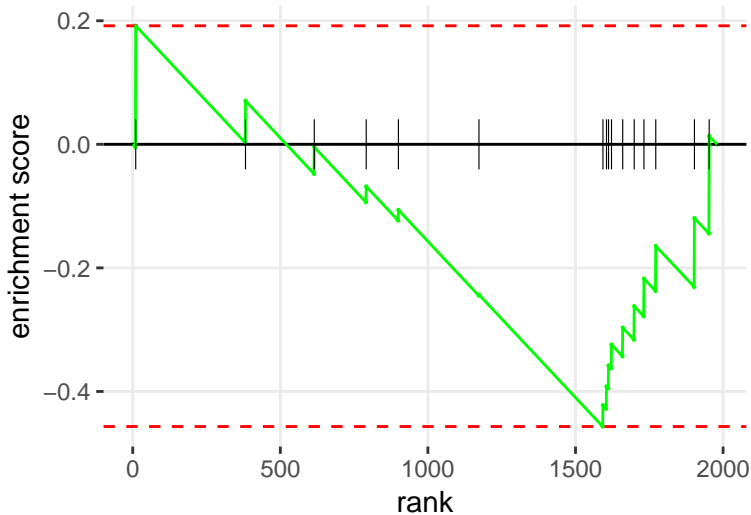
ROS DETOXIFICATION



GLYOXYLATE AND DICARBOXYLATE METABOLISM

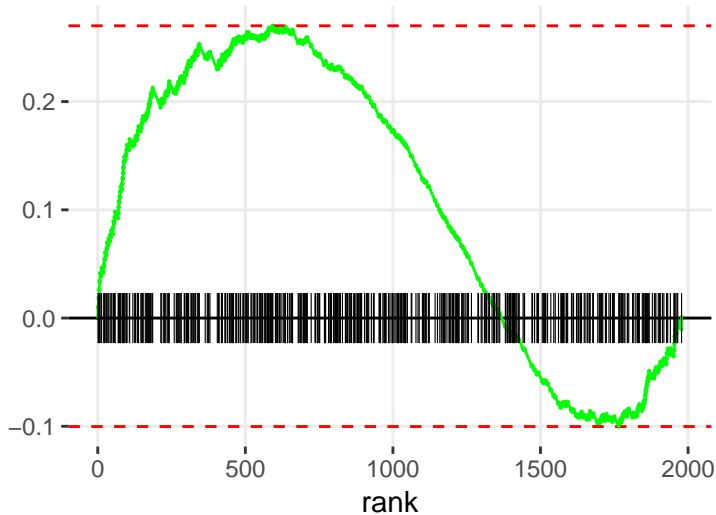


C5-BRANCHED DIBASIC ACID METABOLISM

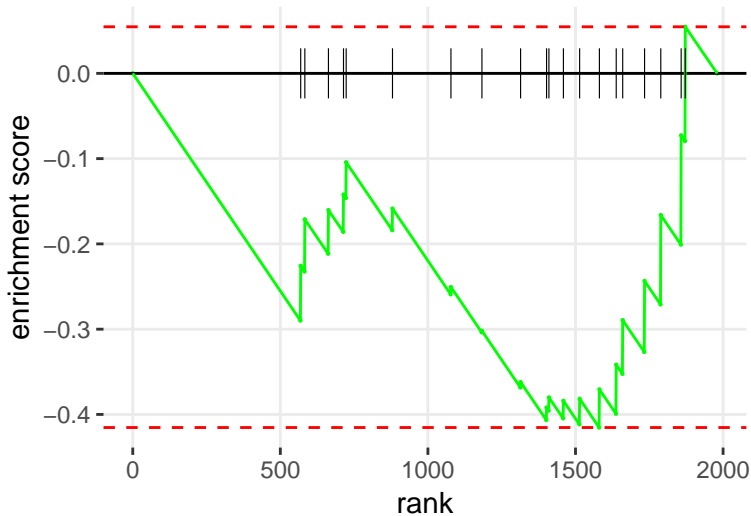


PYRIMIDINE METABOLISM

enrichment score

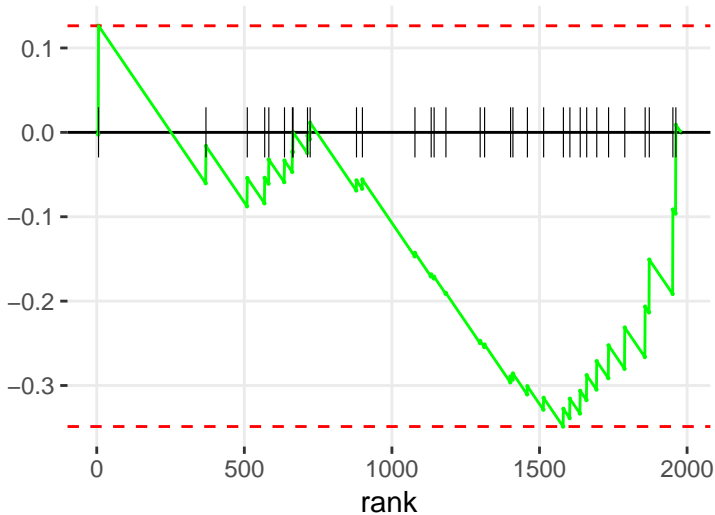


CHONDROITIN SULFATE DEGRADATION

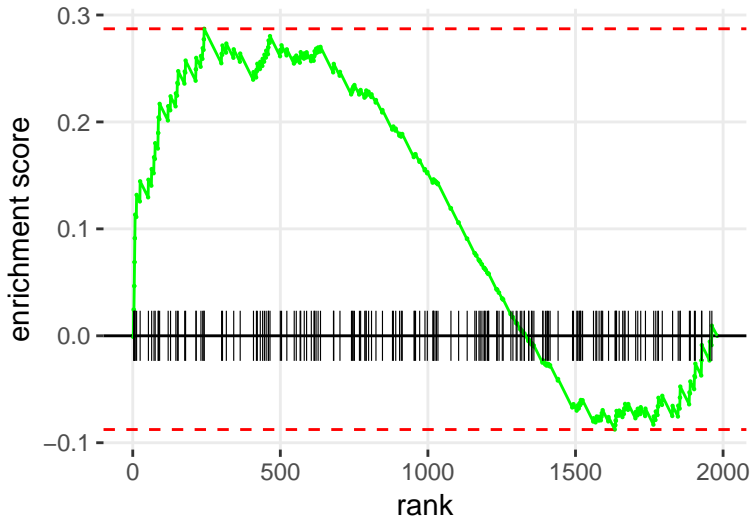


GLYCOSAMINOGLYCAN DEGRADATION

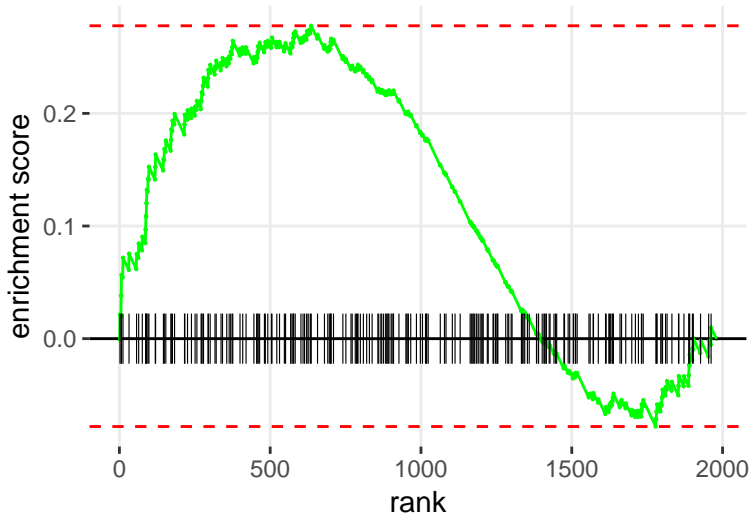
enrichment score



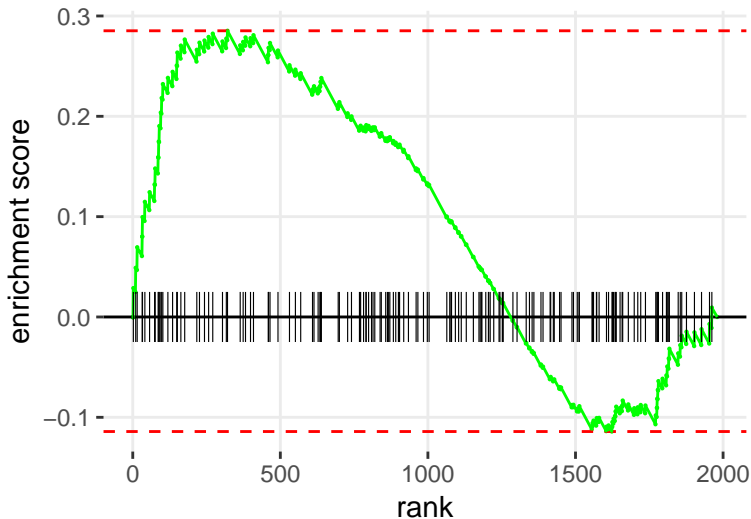
CARBON FIXATION



FRUCTOSE AND MANNOSE METABOLISM

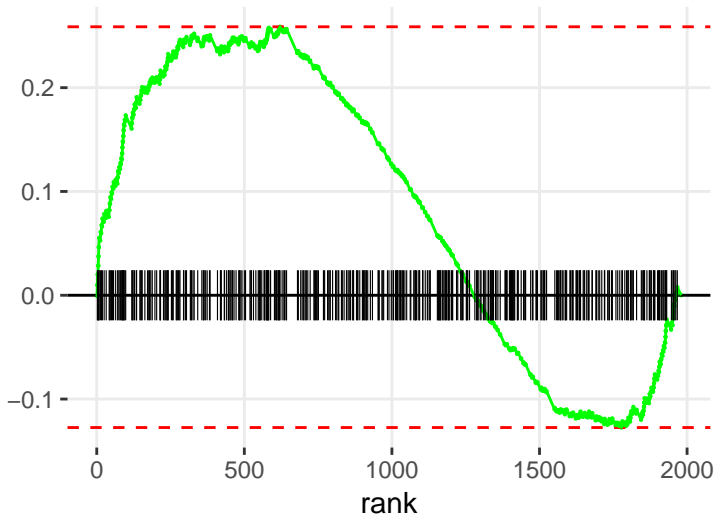


AMINOSUGARS METABOLISM



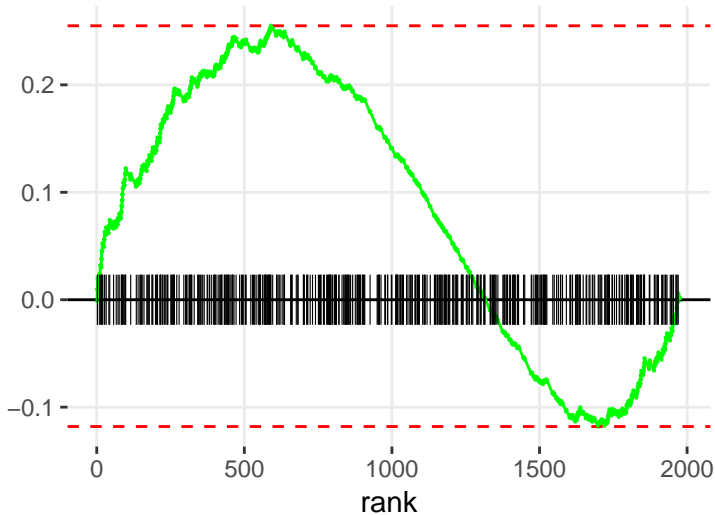
GLYCOLYSIS AND GLUCONEOGENESIS

enrichment score

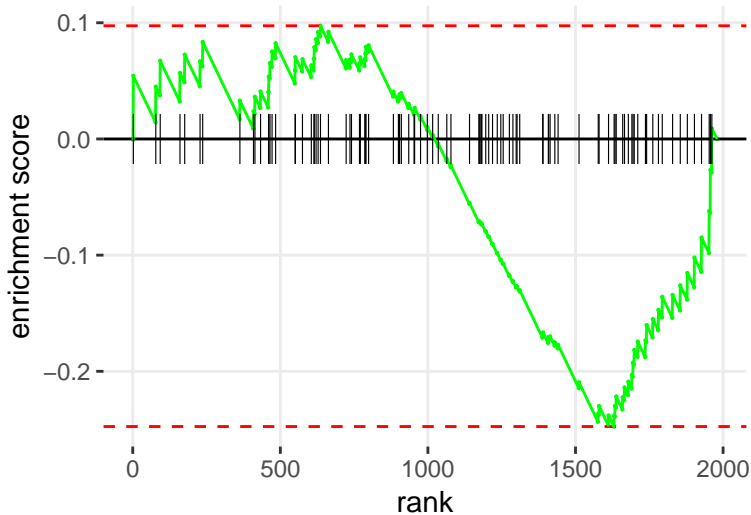


PHOSPHATIDYLINOSITOL PHOSPHATE METABOLISM

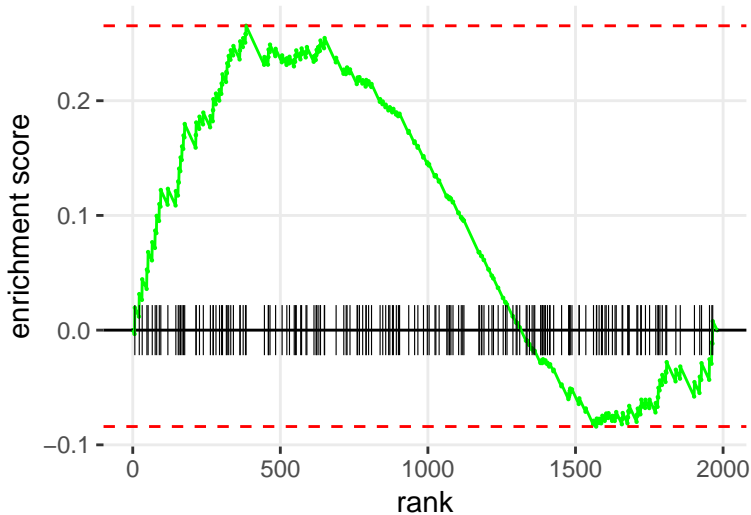
enrichment score



SATURATED FATTY ACIDS BETA-OXIDATION

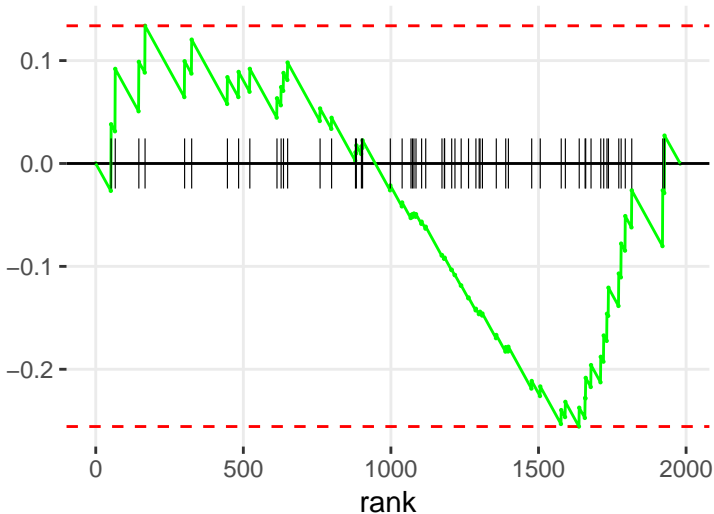


PROSTAGLANDIN FORMATION FROM ARACHIDONATE

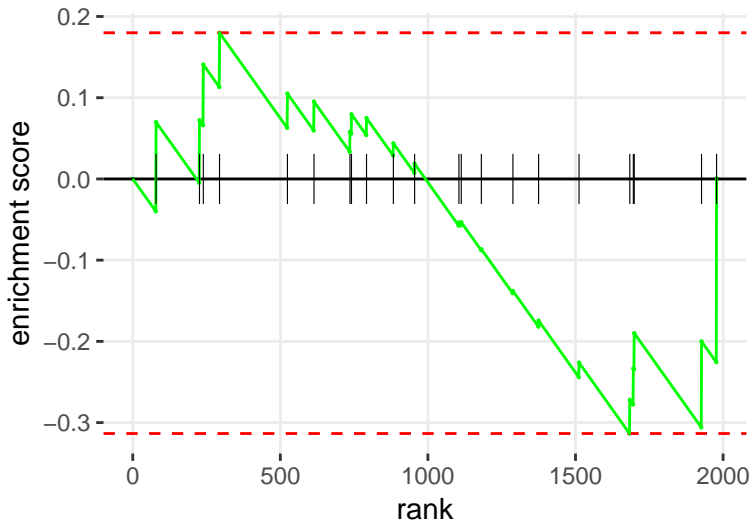


PUTATIVE ANTI-INFLAMMATORY METABOLITES FORMATION FROM EPA

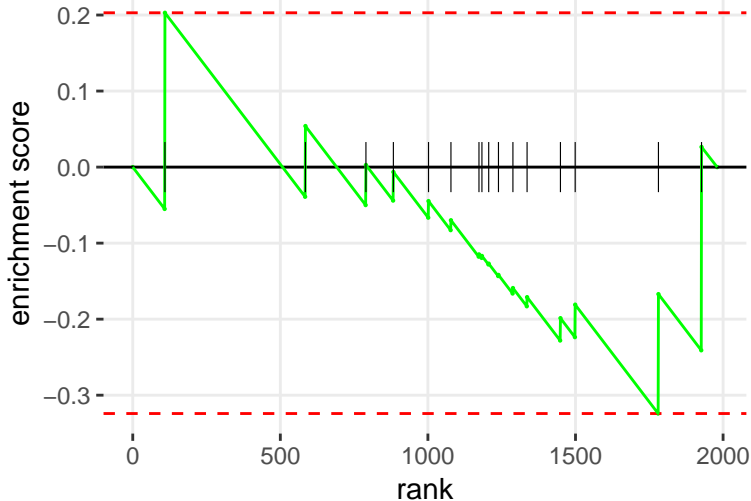
enrichment score



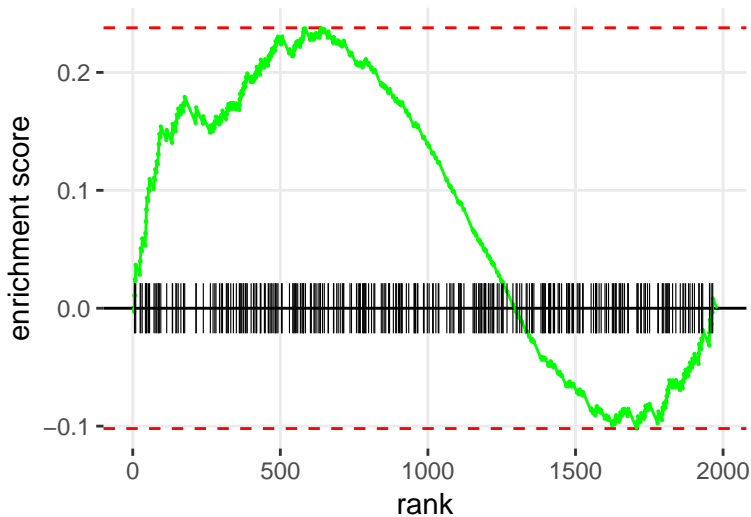
ELECTRON TRANSPORT CHAIN



VITAMIN B5 – COA BIOSYNTHESIS FROM PANTOTHENATE



ASPARTATE AND ASPARAGINE METABOLISM



O-GLYCAN BIOSYNTHESIS

enrichment score

rank

0.2
0.1
0.0
-0.1
-0.2
-0.3

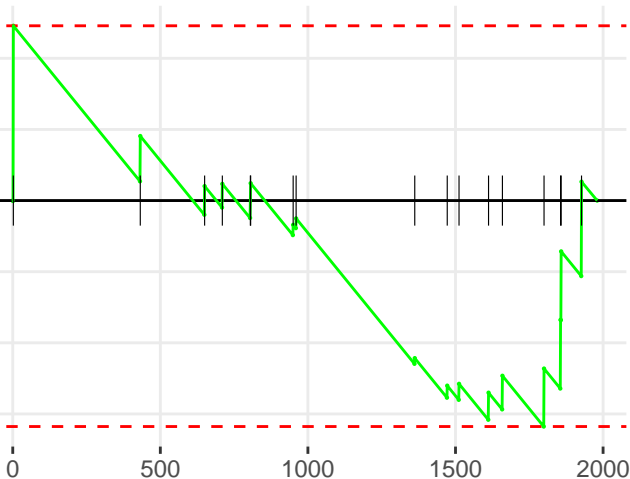
0

500

1000

1500

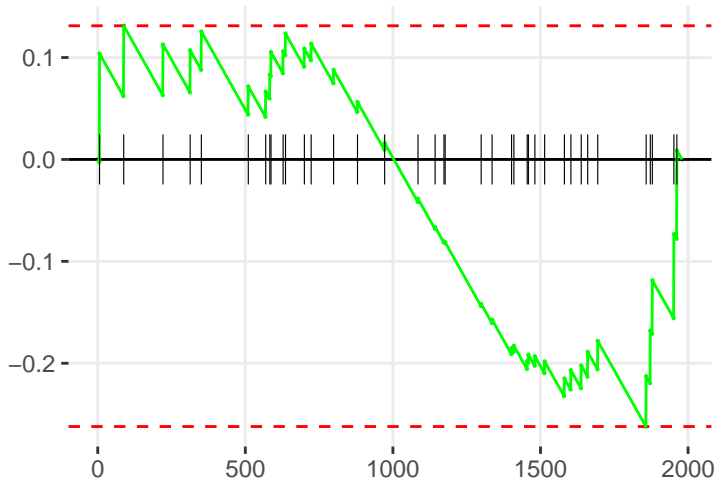
2000



KERATAN SULFATE DEGRADATION

enrichment score

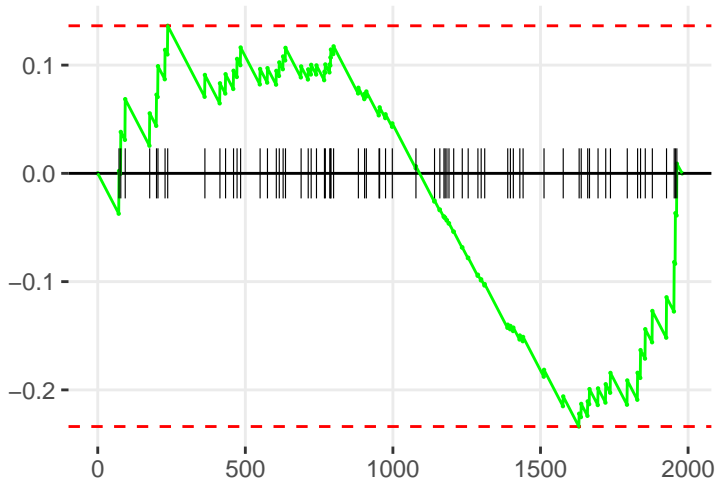
rank



3-OXO-10R-OCTADECATRIENOATE BETA-OXIDATION

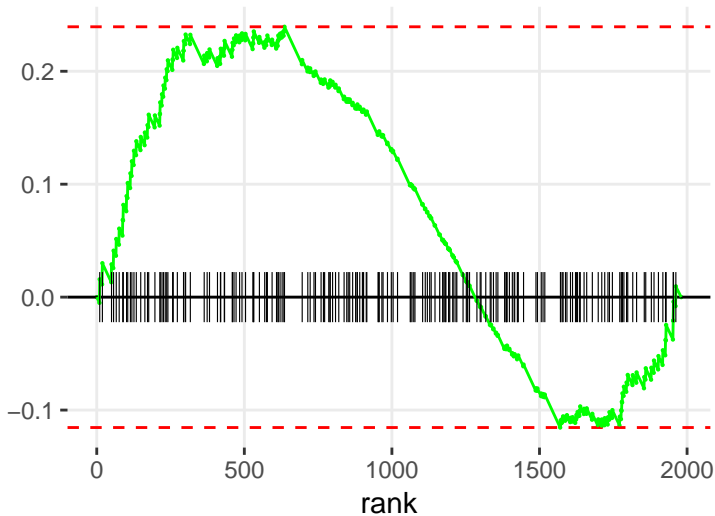
enrichment score

rank



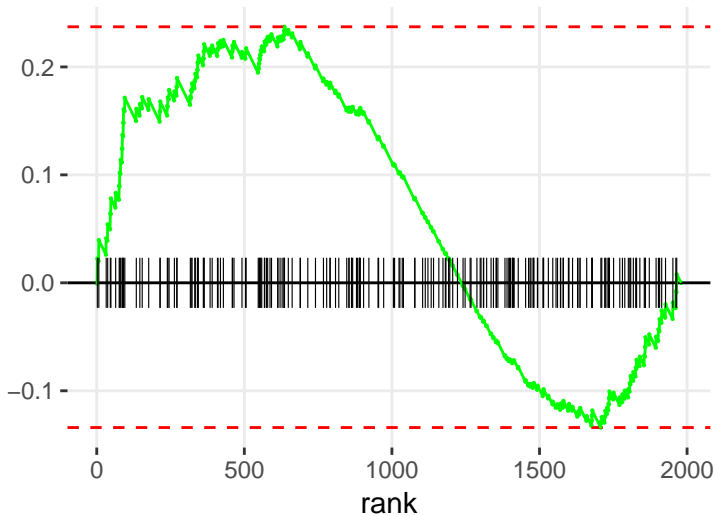
TCA CYCLE

enrichment score



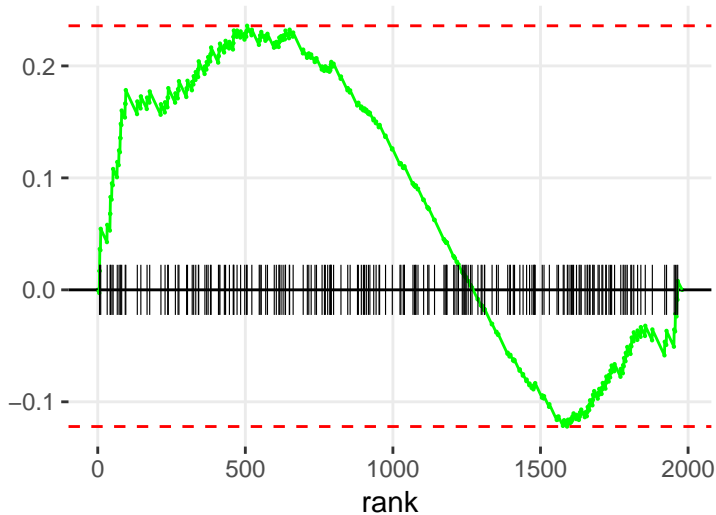
ANDROGEN AND ESTROGEN BIOSYNTHESIS AND METABOLISM

enrichment score

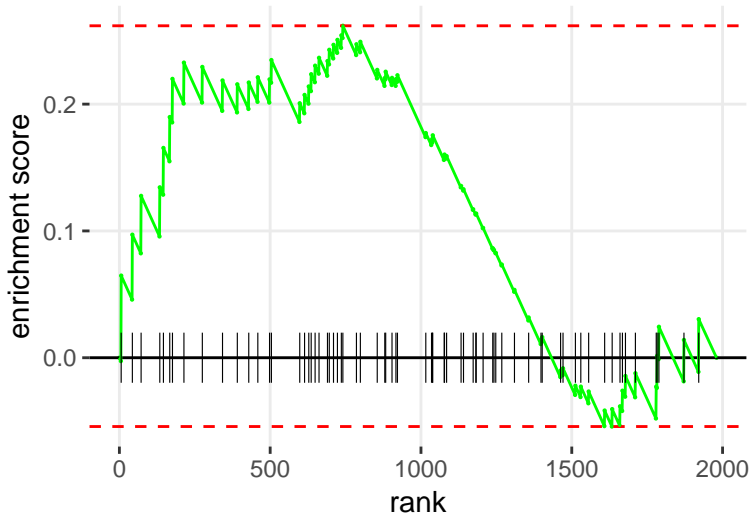


ARACHIDONIC ACID METABOLISM

enrichment score

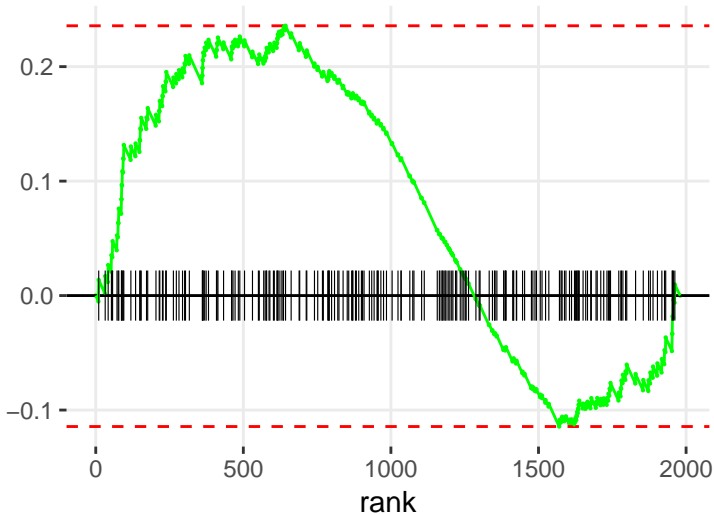


LINOLEATE METABOLISM



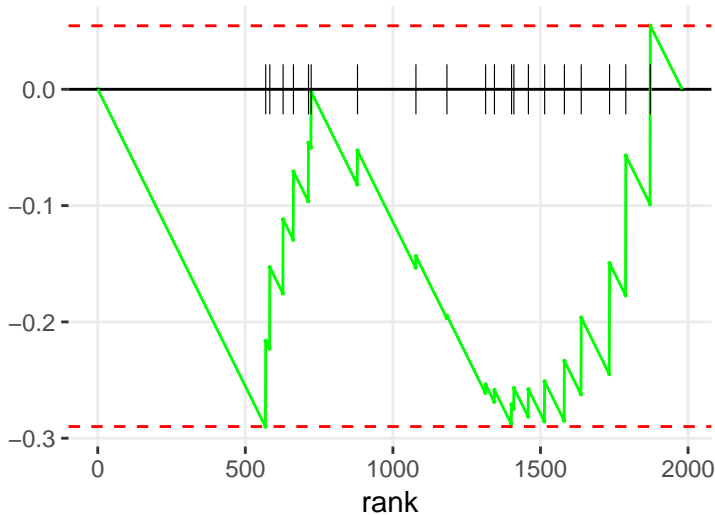
BILE ACID BIOSYNTHESIS

enrichment score



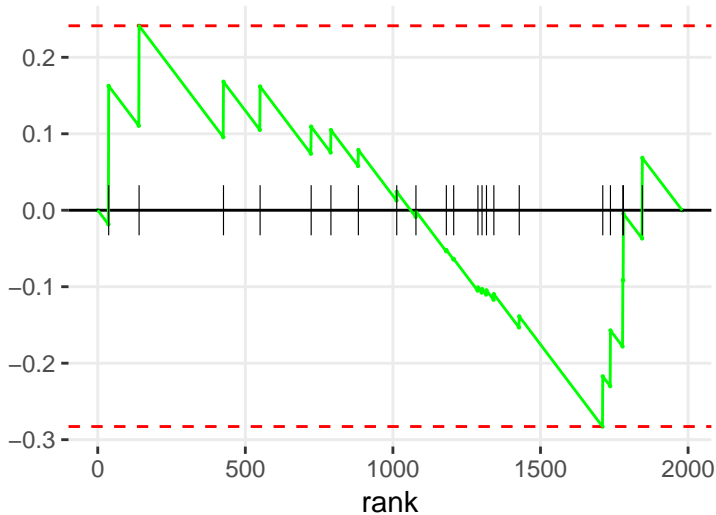
HYALURONAN METABOLISM

enrichment score



GLYCOSYLPHOSPHATIDYLINOSITOL(GPI)-ANCHOR BIOSYNTHESIS

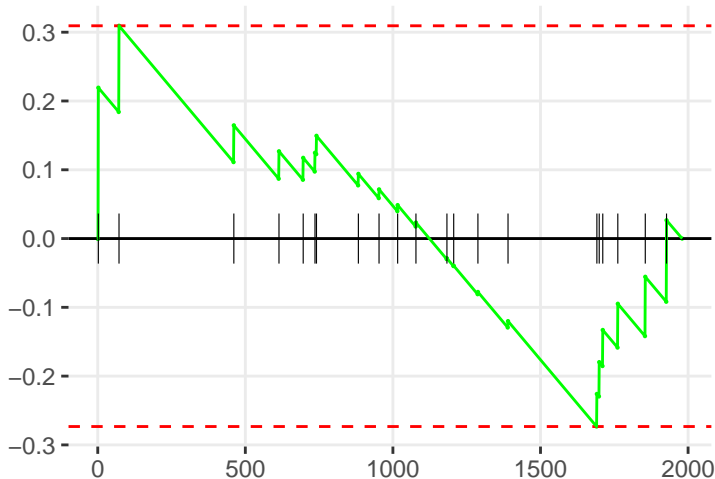
enrichment score



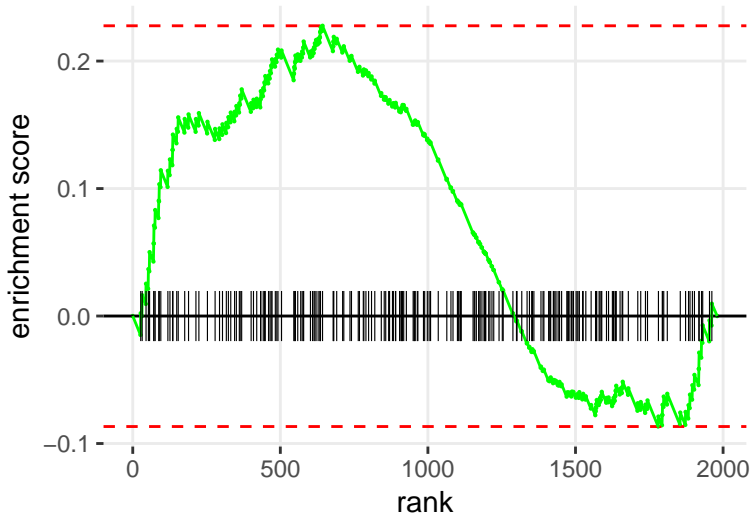
CARNITINE SHUTTLE

enrichment score

rank

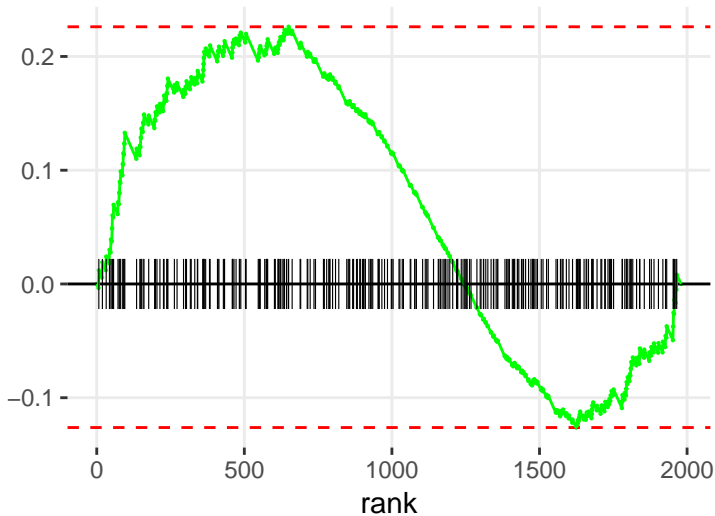


ARGININE AND PROLINE METABOLISM



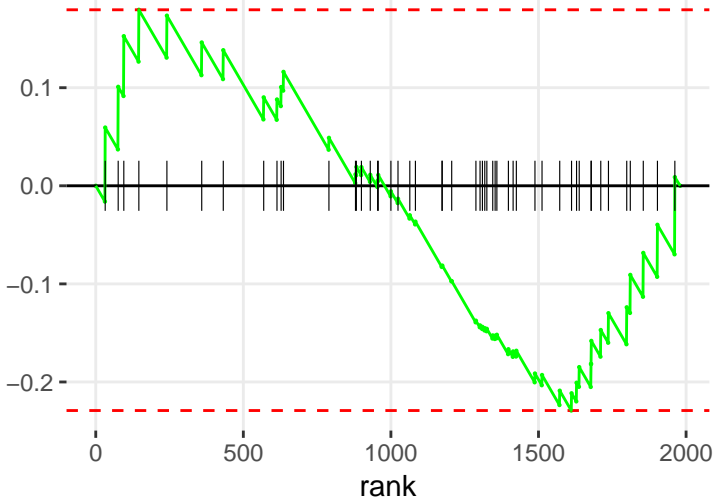
LEUKOTRIENE METABOLISM

enrichment score



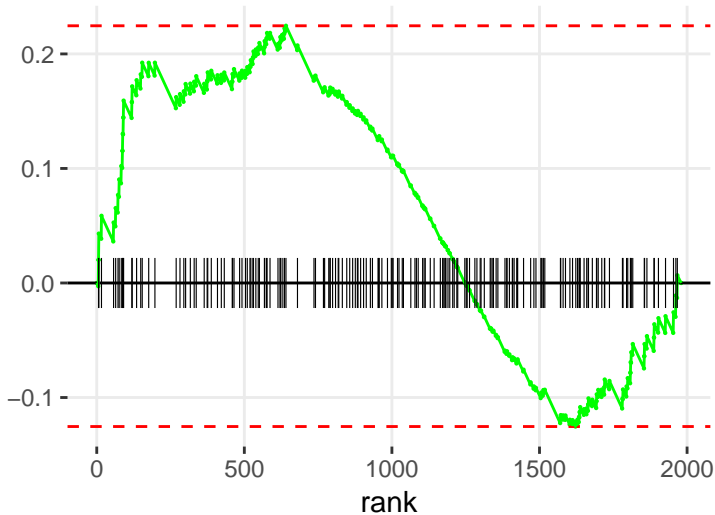
FATTY ACID ACTIVATION

enrichment score

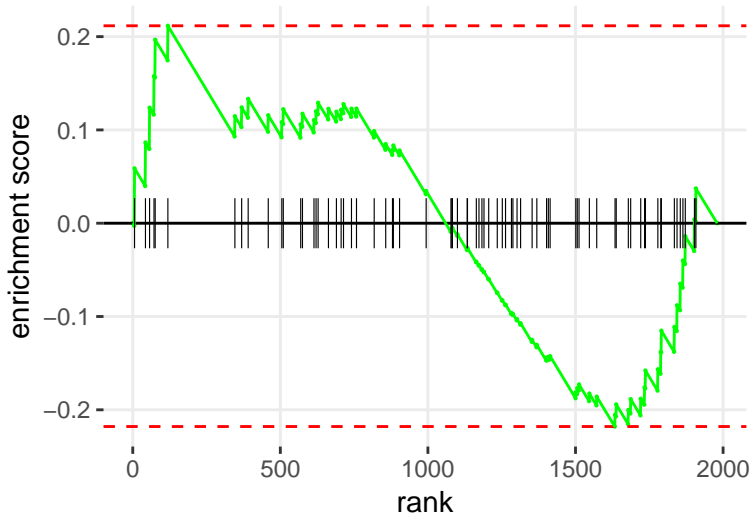


GALACTOSE METABOLISM

enrichment score

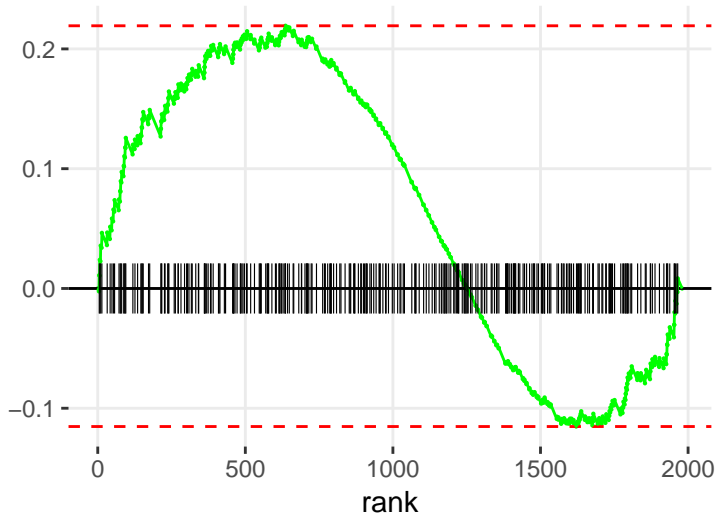


PORPHYRIN METABOLISM



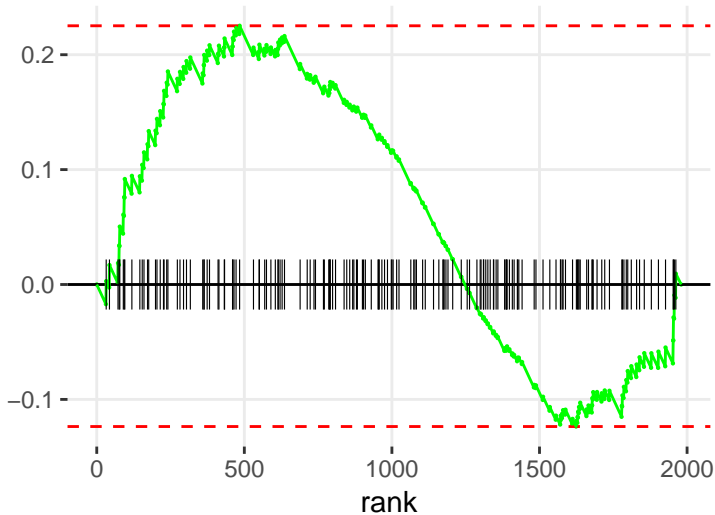
TYROSINE METABOLISM

enrichment score

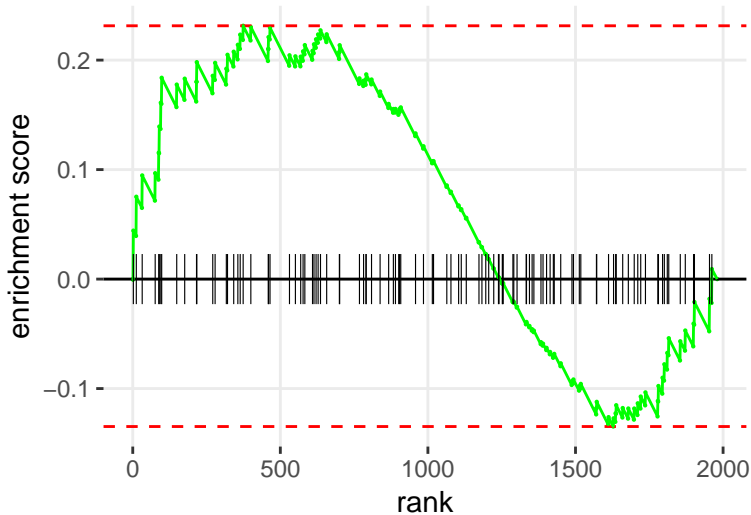


OMEGA-6 FATTY ACID METABOLISM

enrichment score

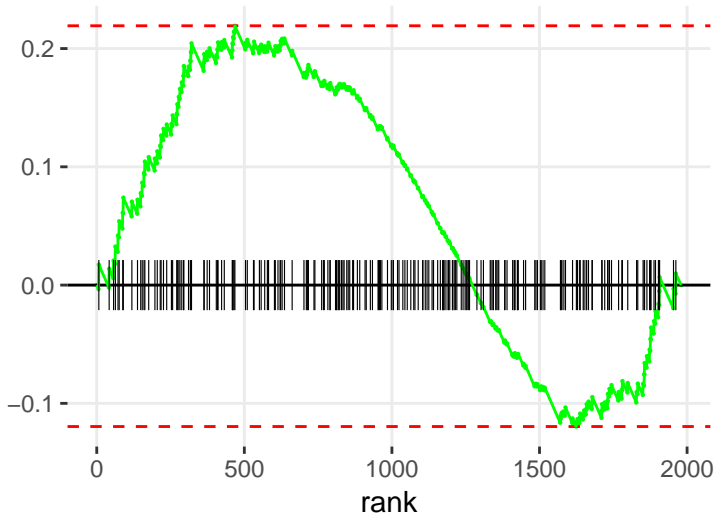


BENZOATE DEGRADATION VIA COA LIGATION



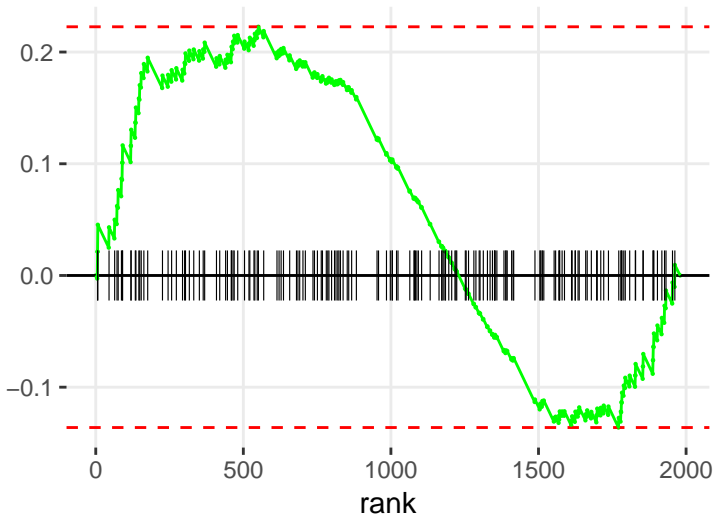
SELENOAMINO ACID METABOLISM

enrichment score



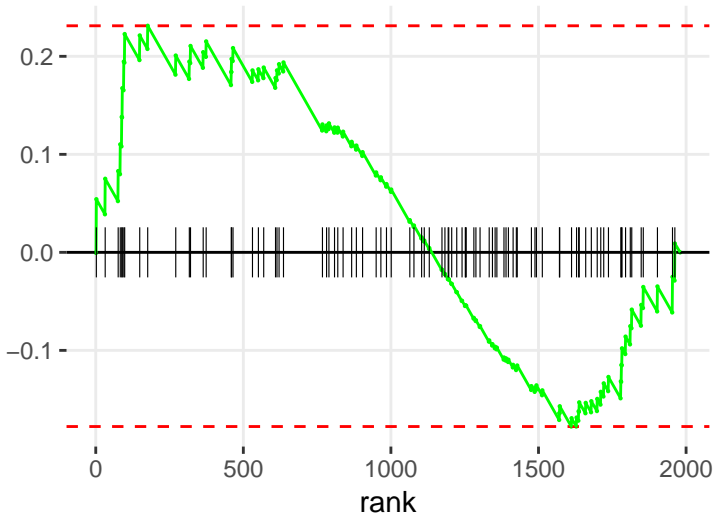
PENTOSE PHOSPHATE PATHWAY

enrichment score



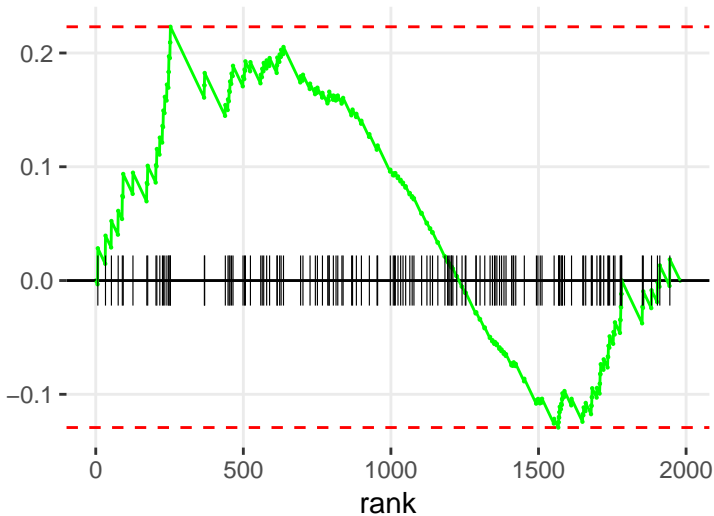
HEXOSE PHOSPHORYLATION

enrichment score

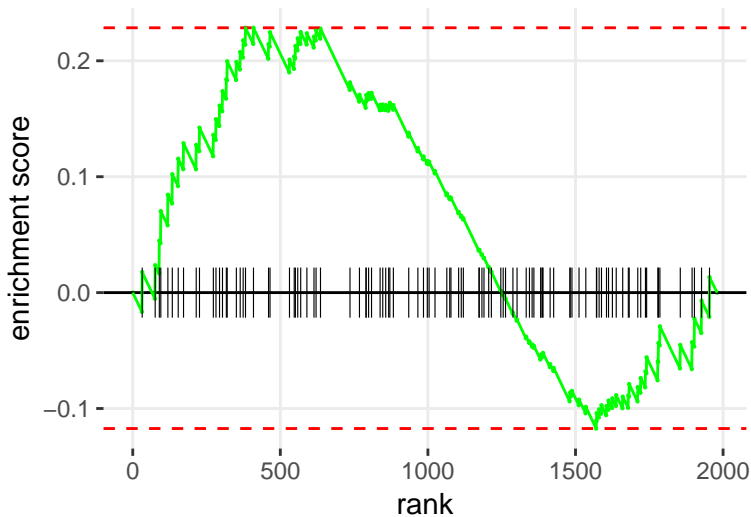


VITAMIN B9 (FOLATE) METABOLISM

enrichment score



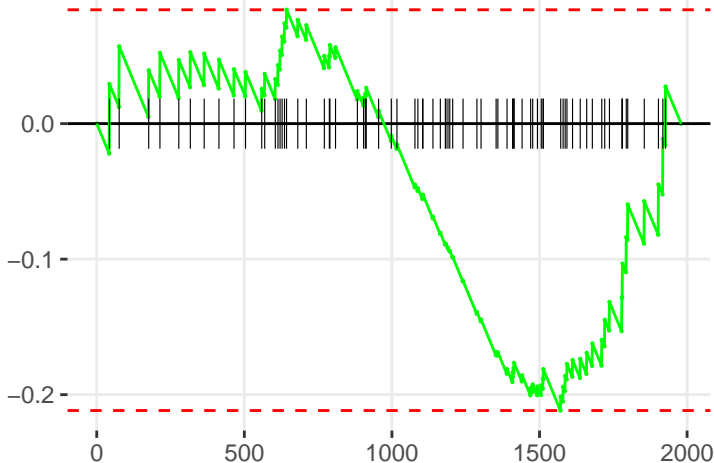
DE NOVO FATTY ACID BIOSYNTHESIS



GLUTAMATE METABOLISM

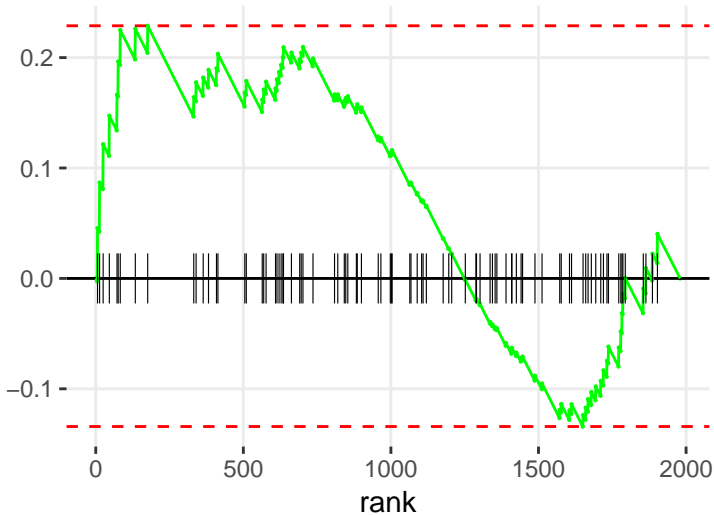
enrichment score

rank



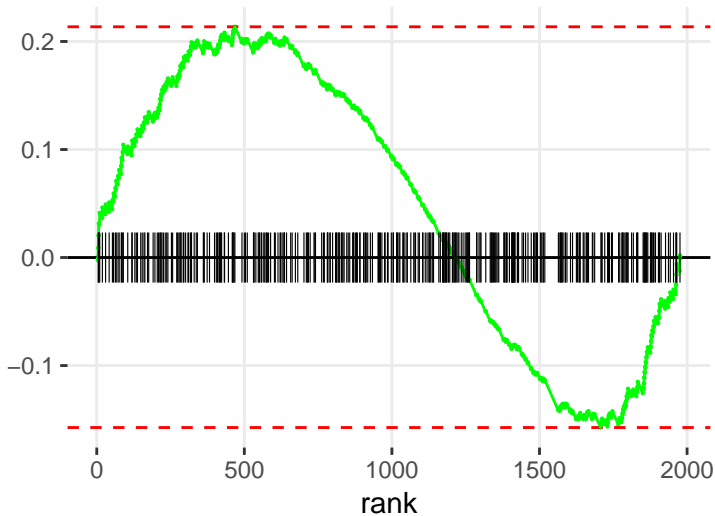
GLUTATHIONE METABOLISM

enrichment score



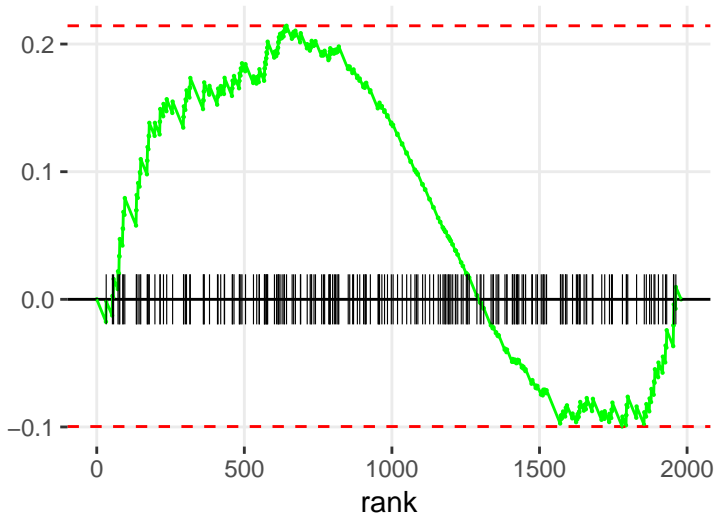
METHIONINE AND CYSTEINE METABOLISM

enrichment score



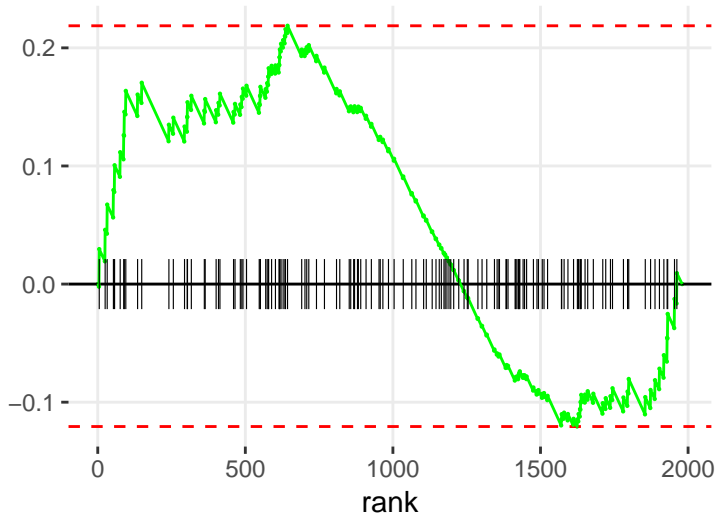
VALINE, LEUCINE AND ISOLEUCINE DEGRADATION

enrichment score



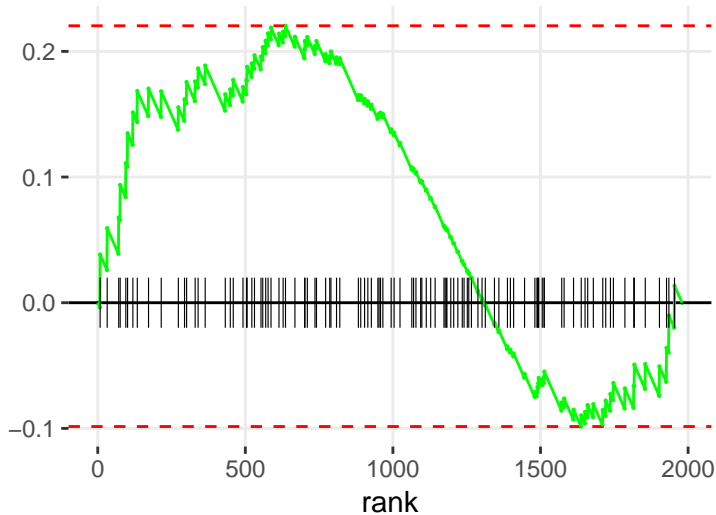
HISTIDINE METABOLISM

enrichment score



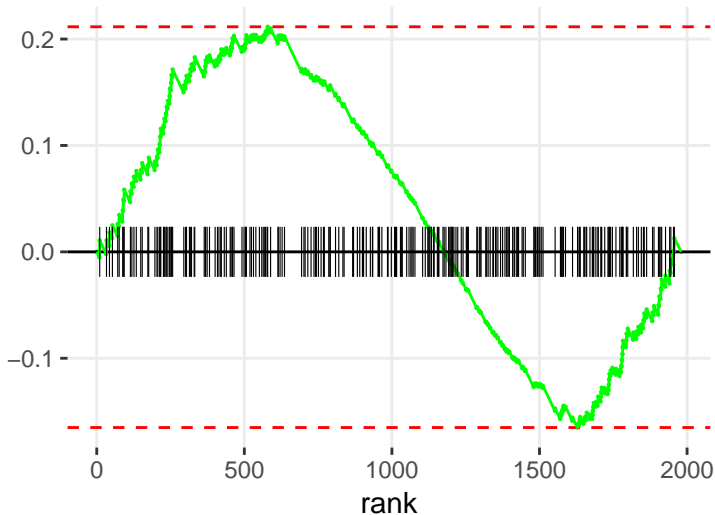
VITAMIN B1 (THIAMIN) METABOLISM

enrichment score

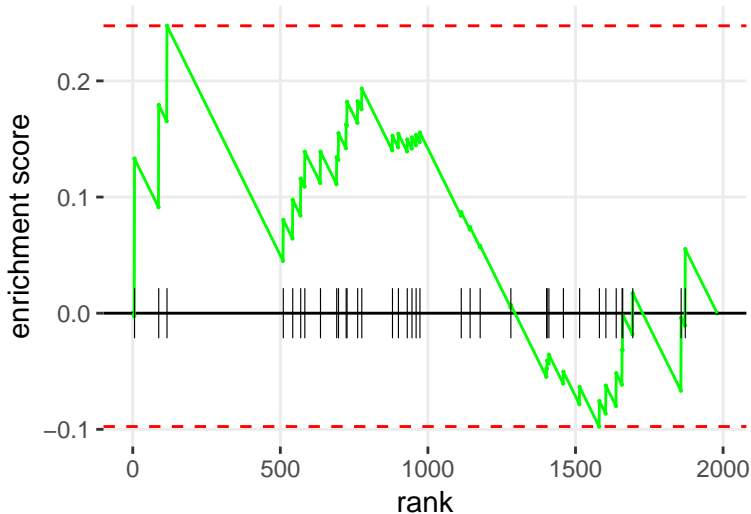


GLYCINE, SERINE, ALANINE AND THREONINE METABOLISM

enrichment score

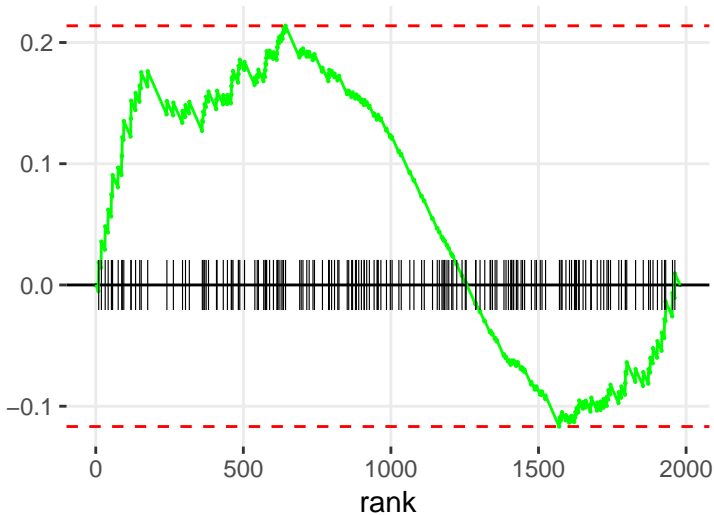


GLYCOSPHINGOLIPID BIOSYNTHESIS – GANGLIOSERIES



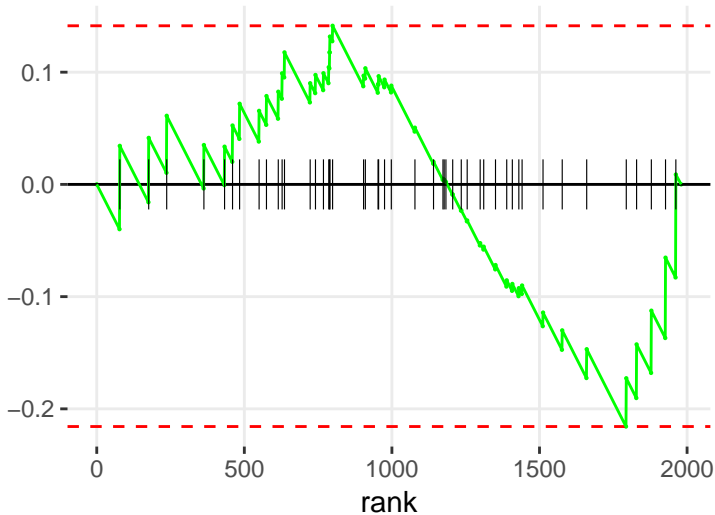
PROPANOATE METABOLISM

enrichment score

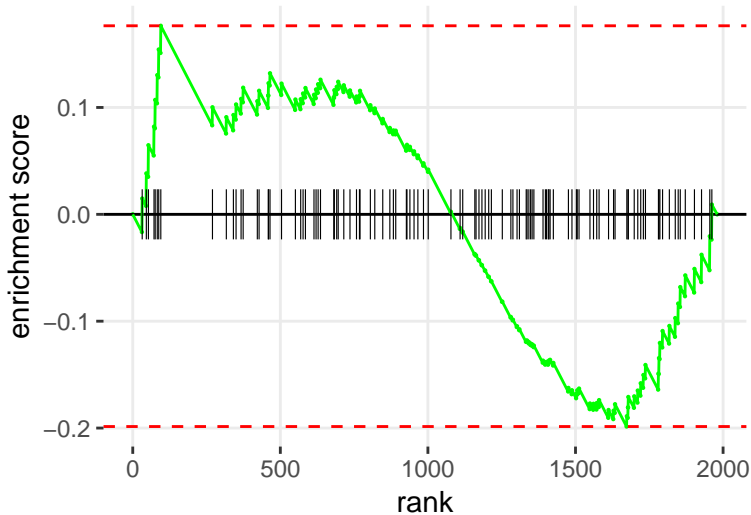


DIMETHYL-BRANCHED-CHAIN FATTY ACID MITOCHONDRIAL BETA-OXIDATION

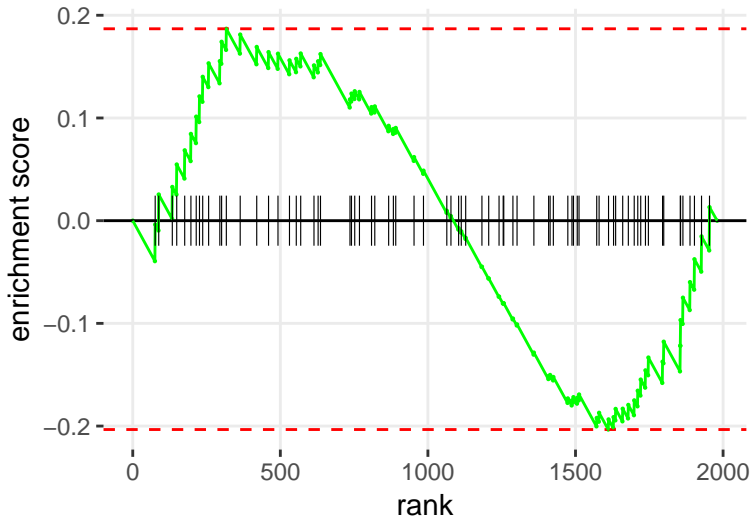
enrichment score



STARCH AND SUCROSE METABOLISM

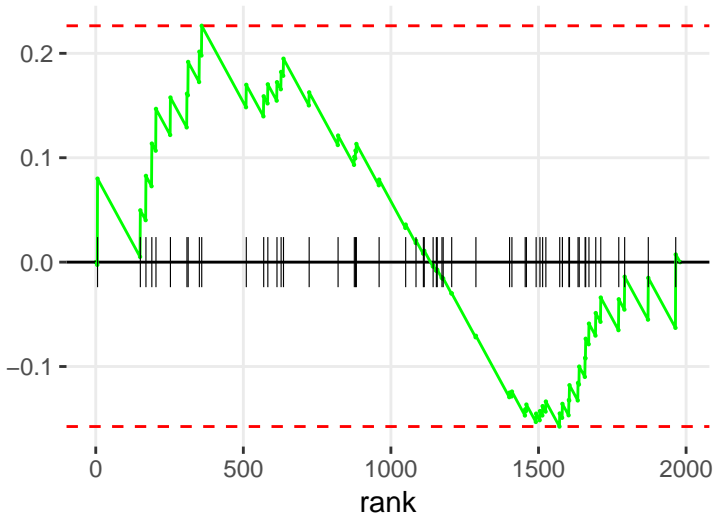


LIPOATE METABOLISM



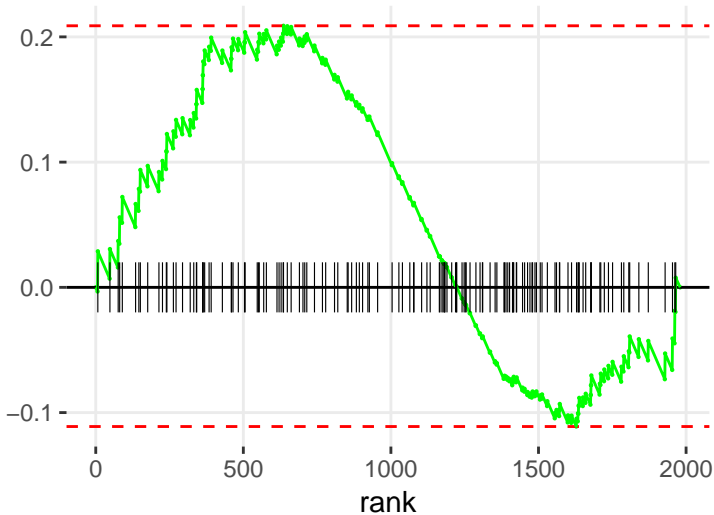
SIALIC ACID METABOLISM

enrichment score

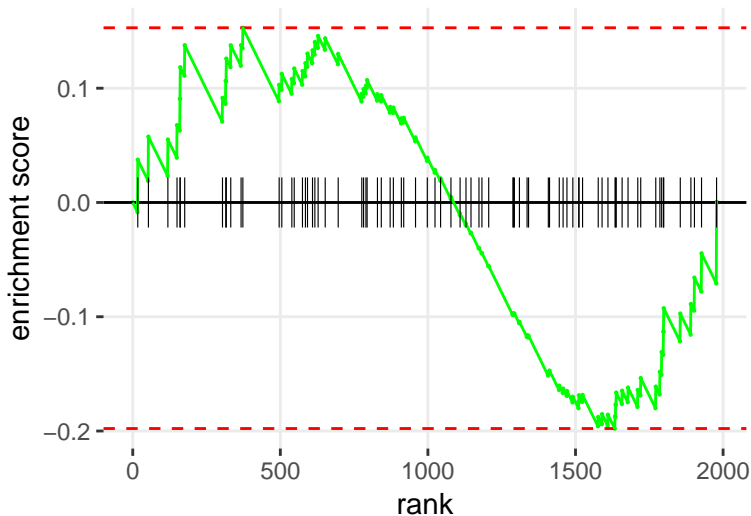


XENOBIOTICS METABOLISM

enrichment score

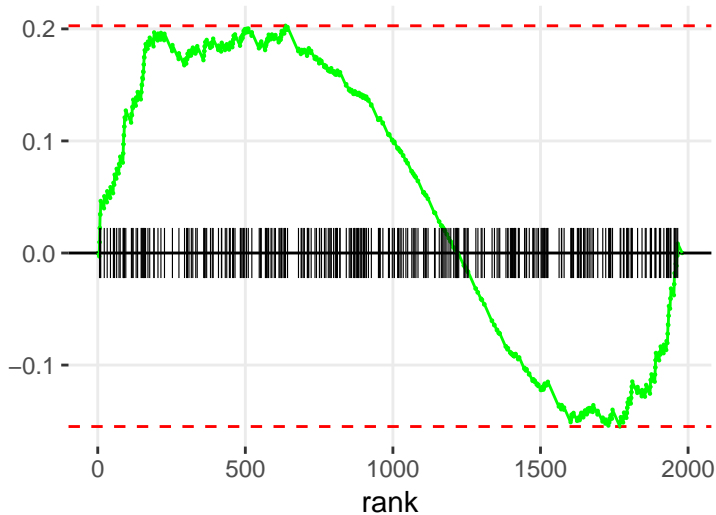


VITAMIN B3 (NICOTINATE AND NICOTINAMIDE) METABOLISM



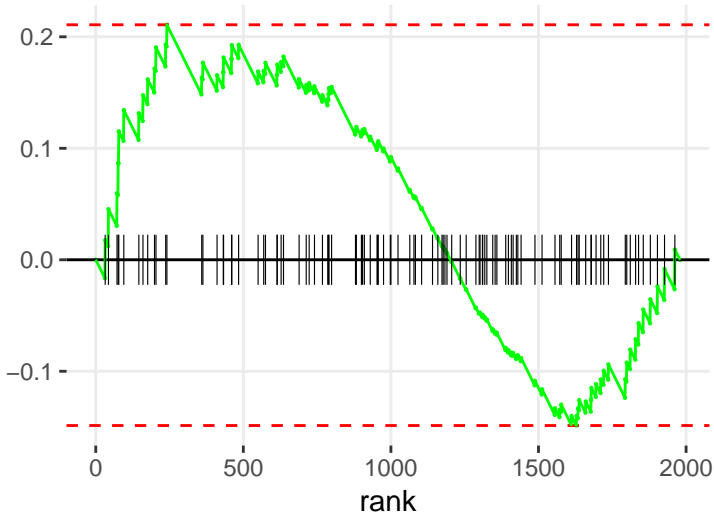
GLYCEROPHOSPHOLIPID METABOLISM

enrichment score



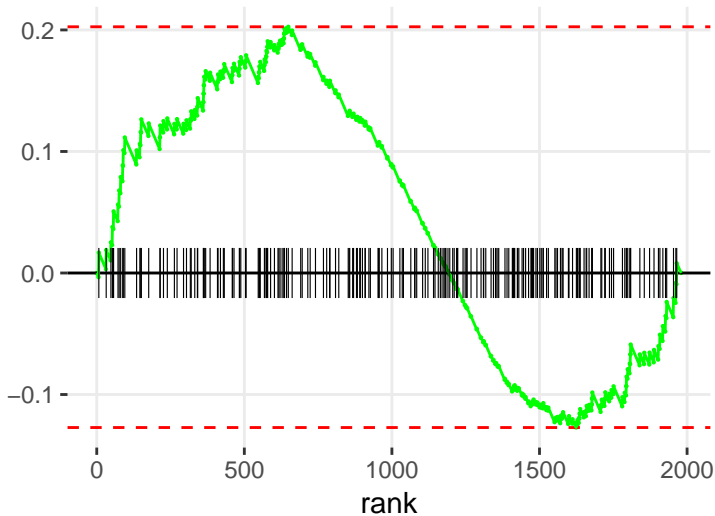
DI-UNSATURATED FATTY ACID BETA-OXIDATION

enrichment score

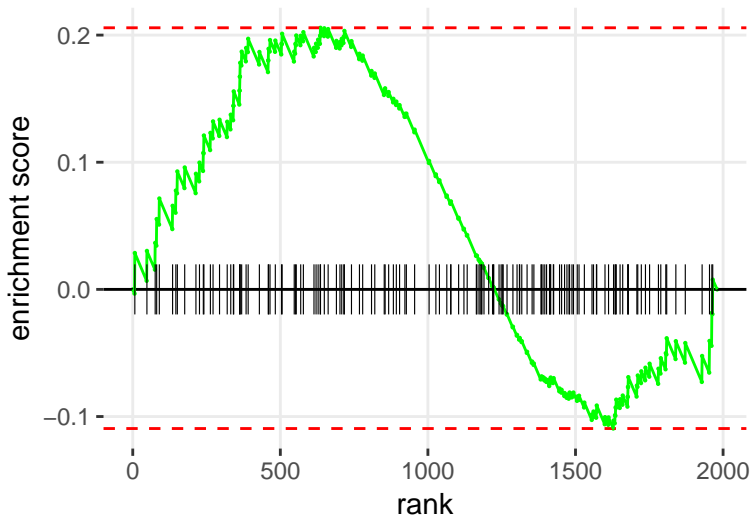


TRYPTOPHAN METABOLISM

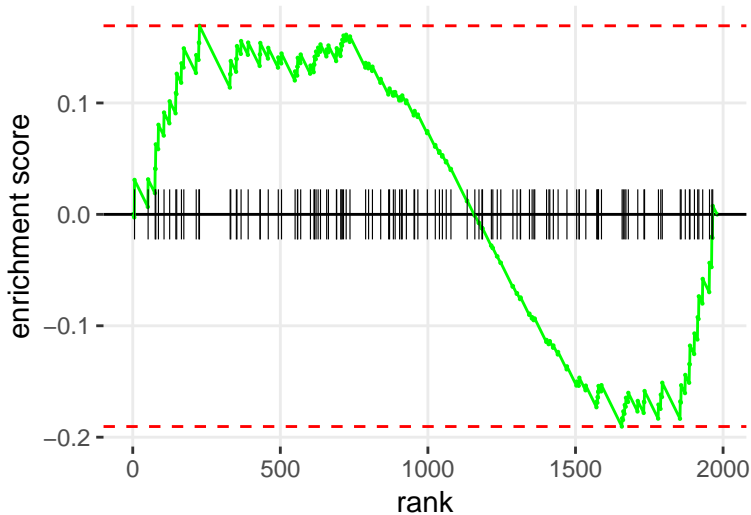
enrichment score



DRUG METABOLISM – CYTOCHROME P450

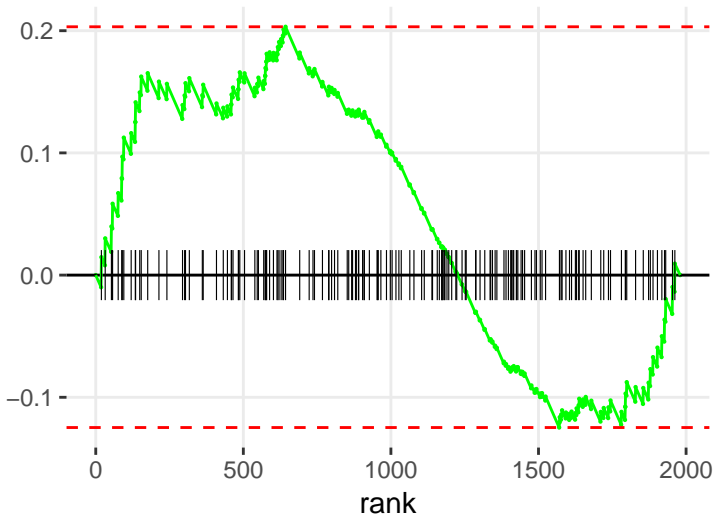


DRUG METABOLISM – OTHER ENZYMES

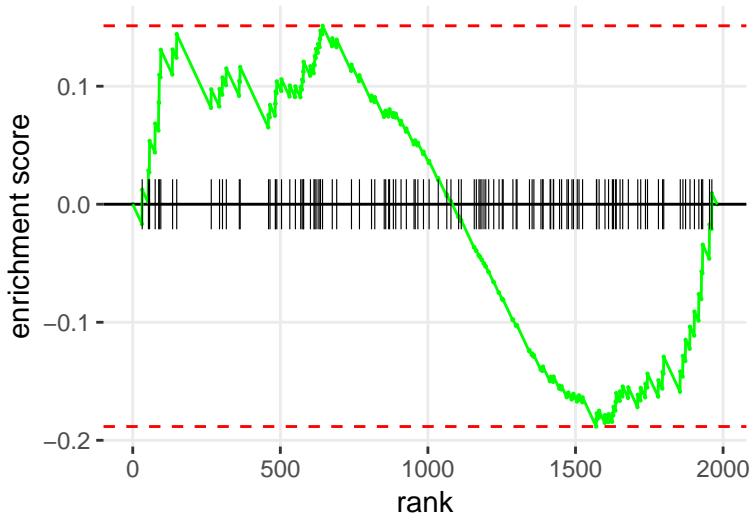


BUTANOATE METABOLISM

enrichment score

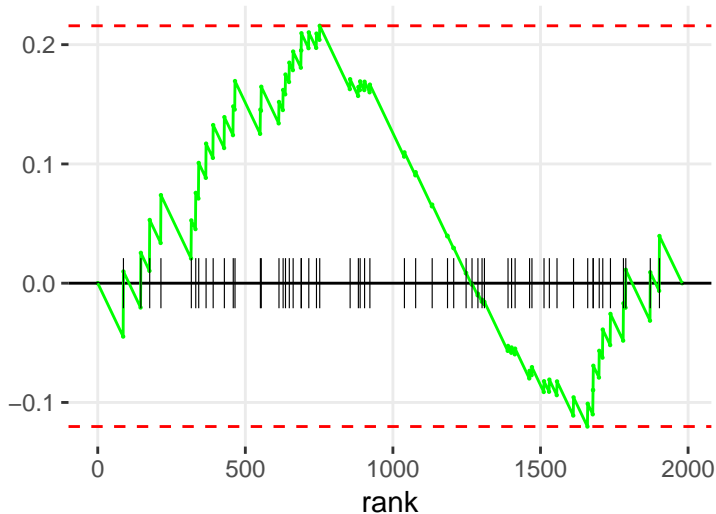


ASCORBATE (VITAMIN C) AND ALDARATE METABOLISM

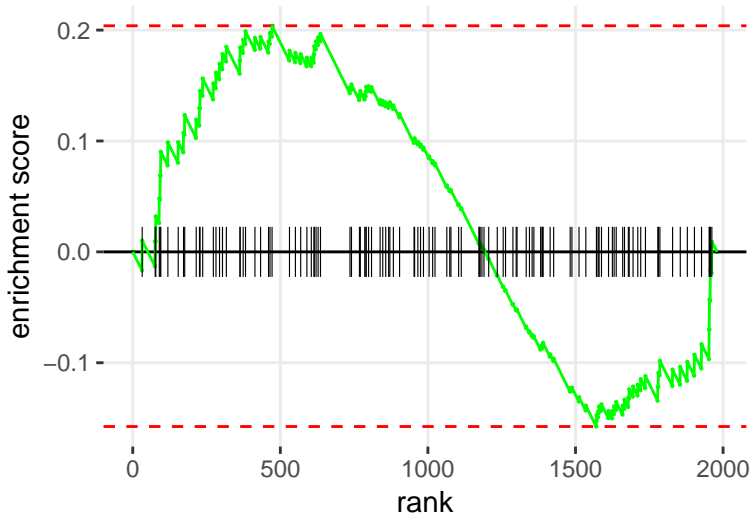


C21-STEROID HORMONE BIOSYNTHESIS AND METABOLISM

enrichment score



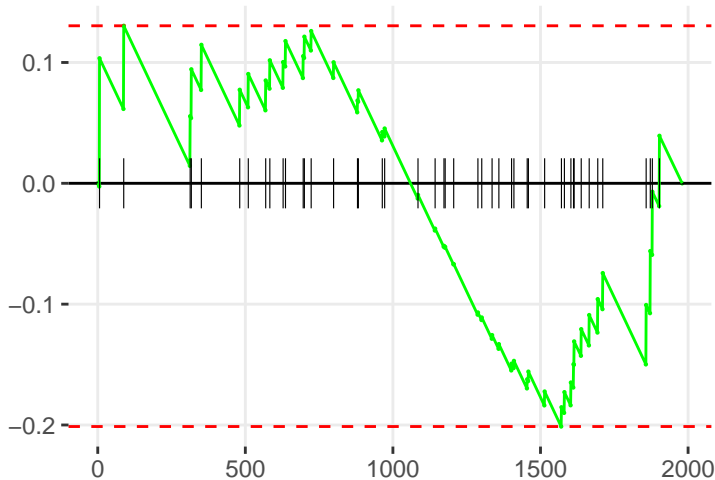
POLYUNSATURATED FATTY ACID BIOSYNTHESIS



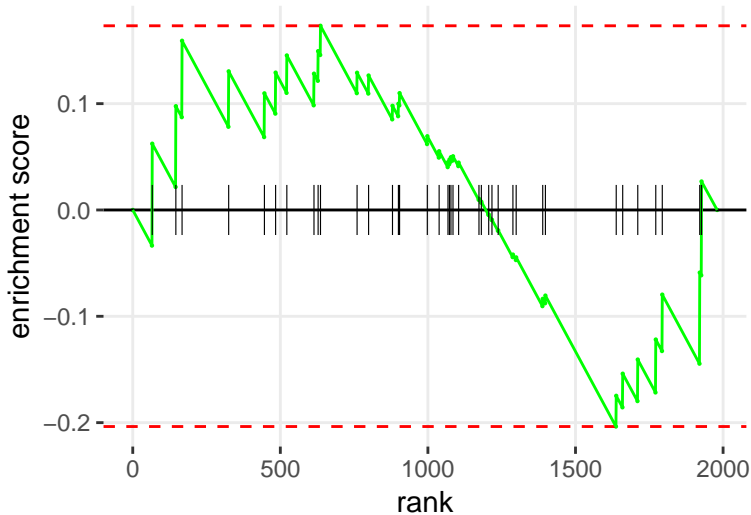
N-GLYCAN DEGRADATION

enrichment score

rank

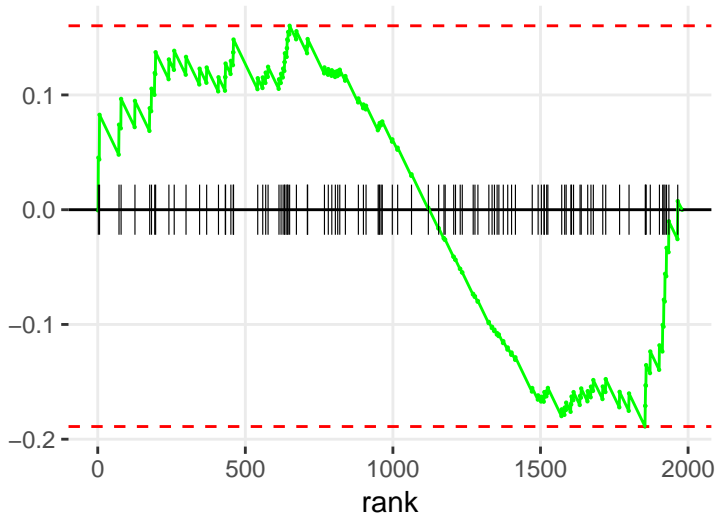


PROSTAGLANDIN FORMATION FROM DIHOMO GAMMA-LINOLEIC ACID

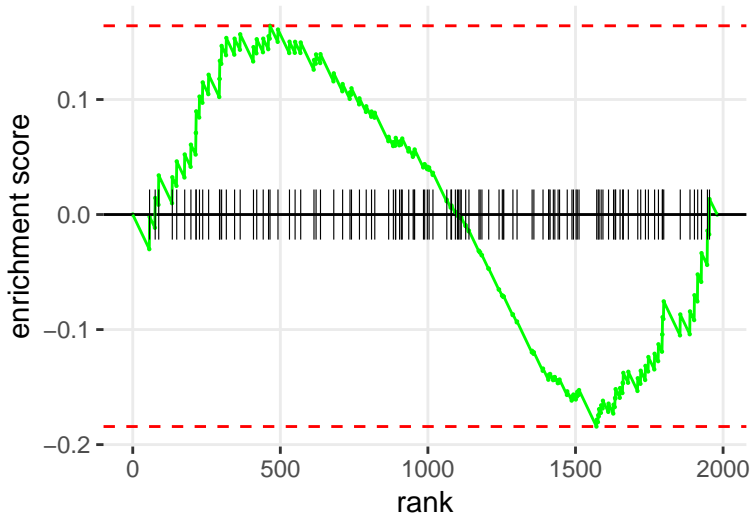


N-GLYCAN BIOSYNTHESIS

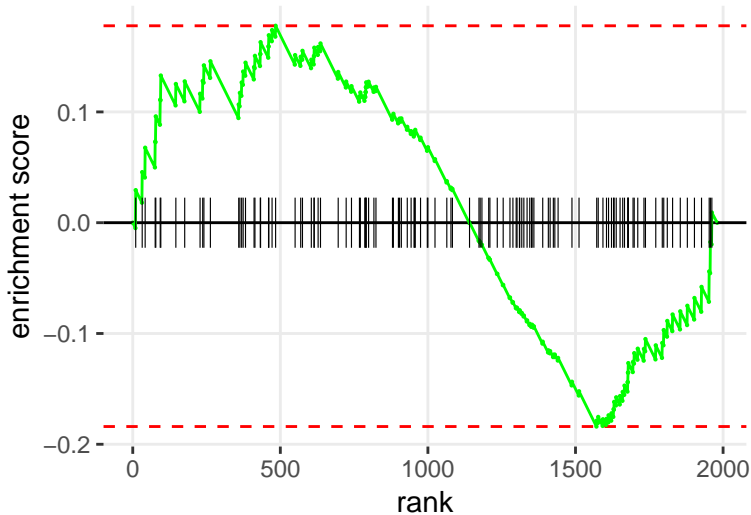
enrichment score



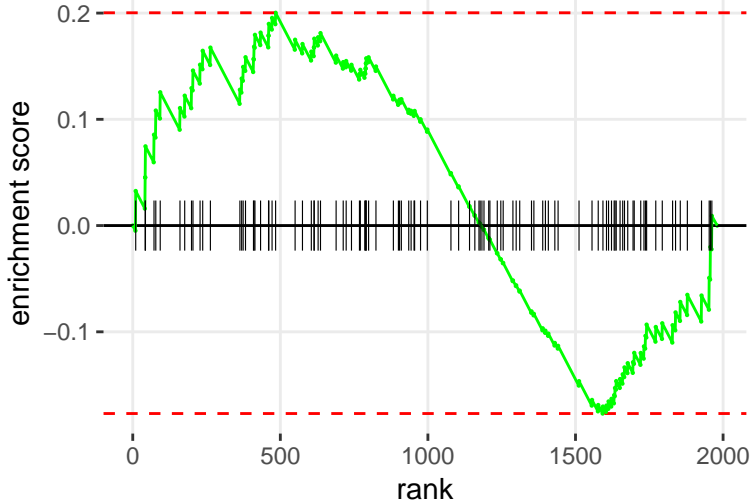
ALANINE AND ASPARTATE METABOLISM



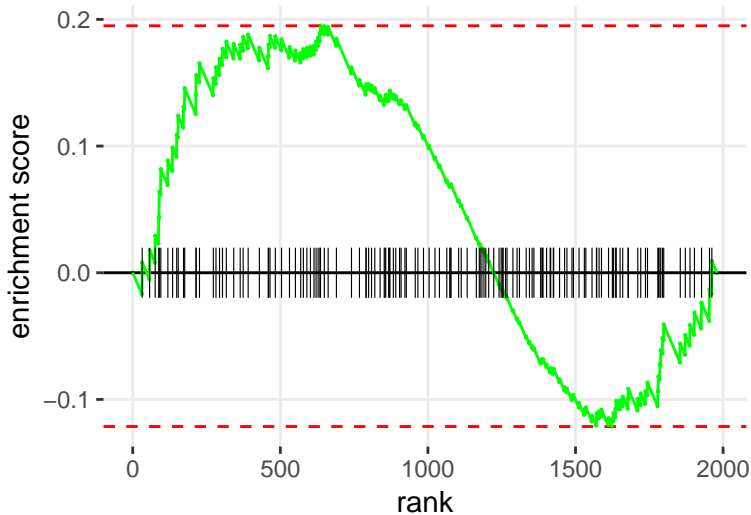
PHYTANIC ACID PEROXISOMAL OXIDATION



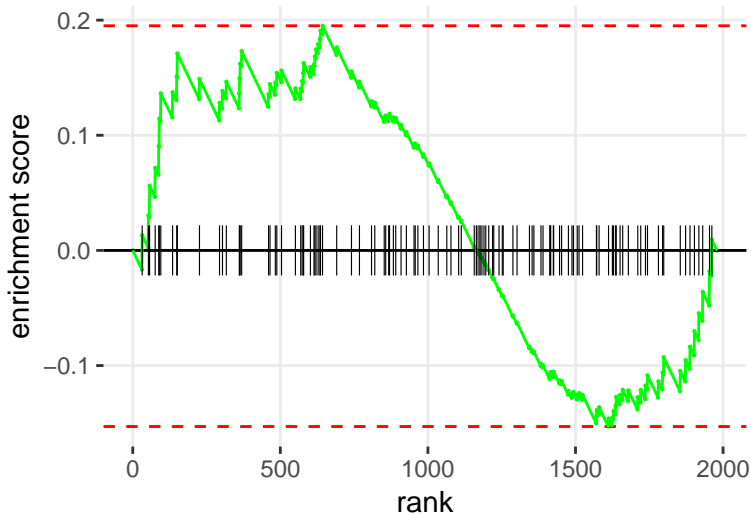
VITAMIN E METABOLISM



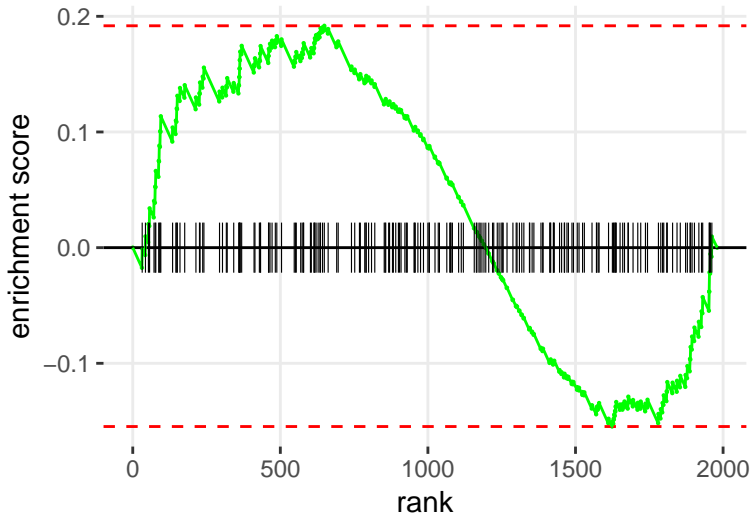
VITAMIN A (RETINOL) METABOLISM



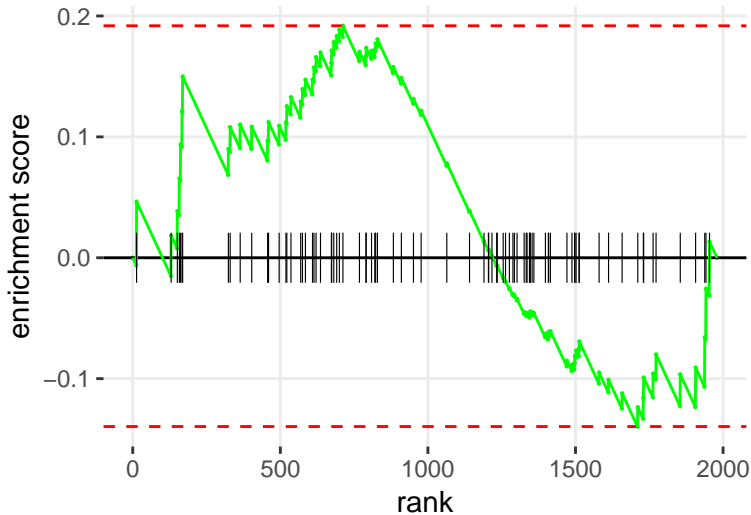
3-CHLOROACRYLIC ACID DEGRADATION



FATTY ACID METABOLISM

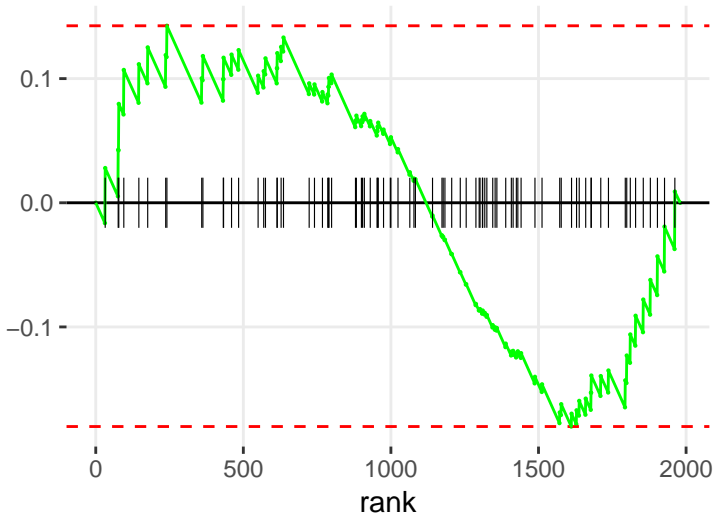


BIOPTERIN METABOLISM

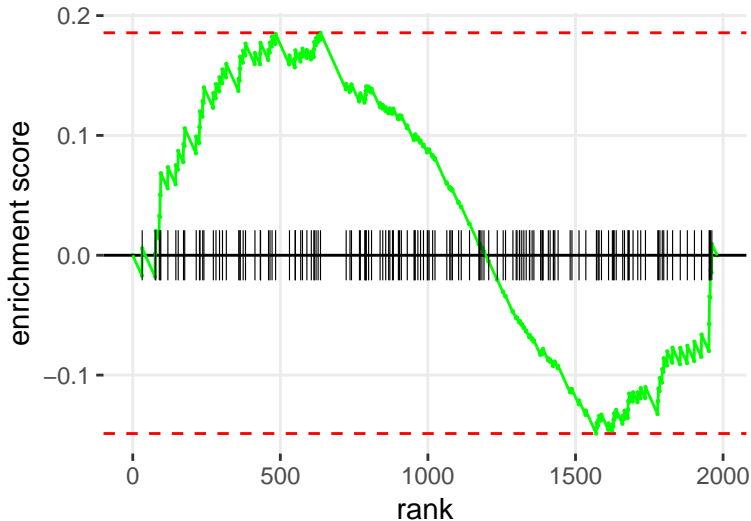


MONO-UNSATURATED FATTY ACID BETA-OXIDATION

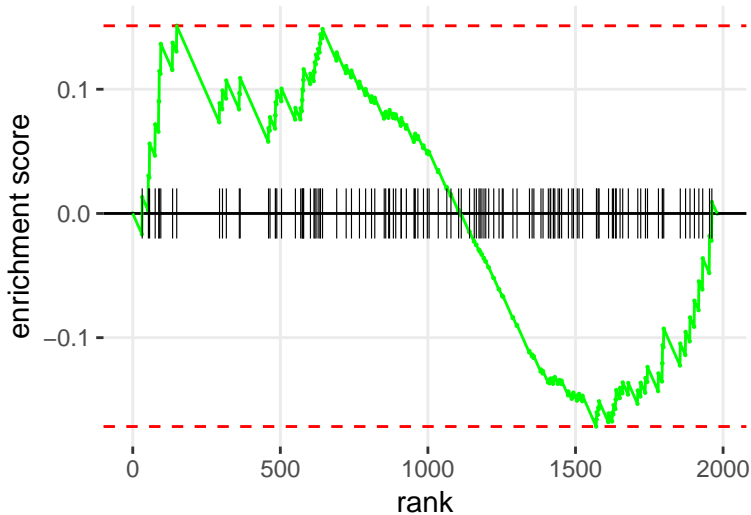
enrichment score



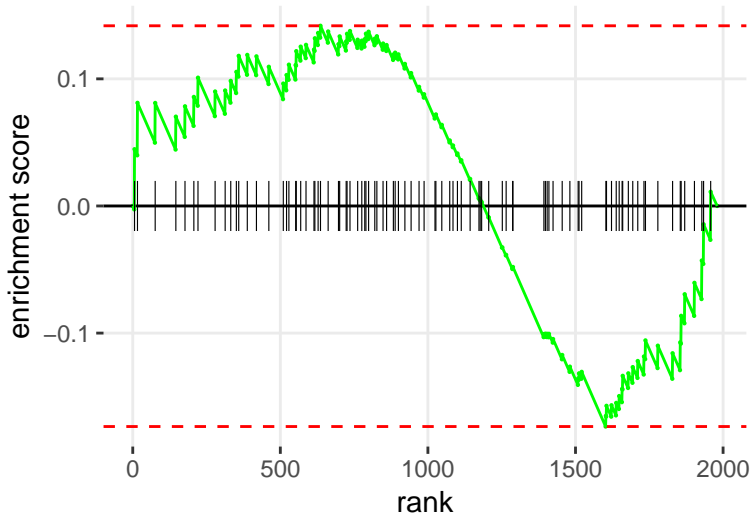
OMEGA-3 FATTY ACID METABOLISM



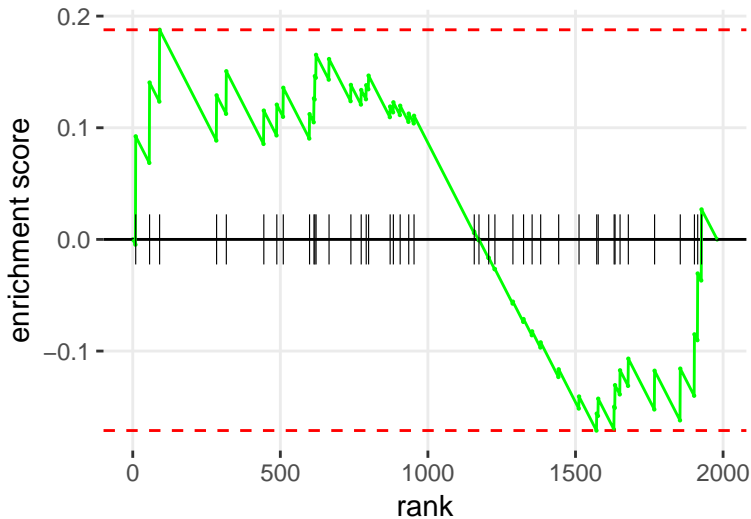
LIMONENE AND PINENE DEGRADATION



GLYCOSPHINGOLIPID METABOLISM

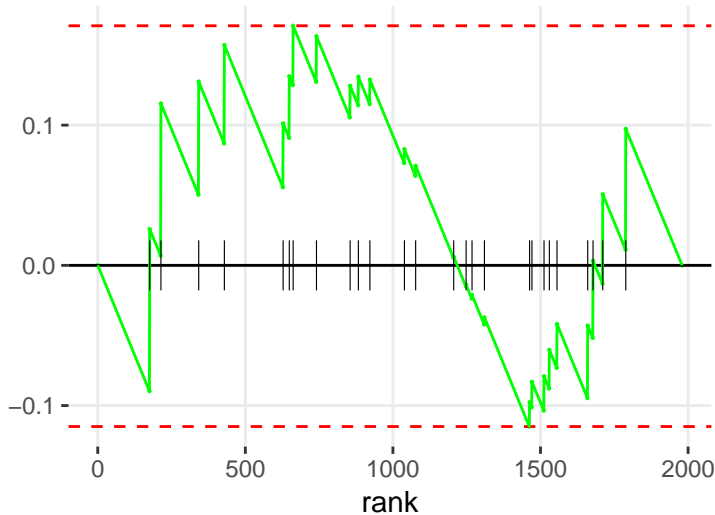


NITROGEN METABOLISM



PARATHIO DEGRADATION

enrichment score



PENTOSE AND GLUCURONATE INTERCONVERSIONS

enrichment score

0.1

0.0

-0.1

0

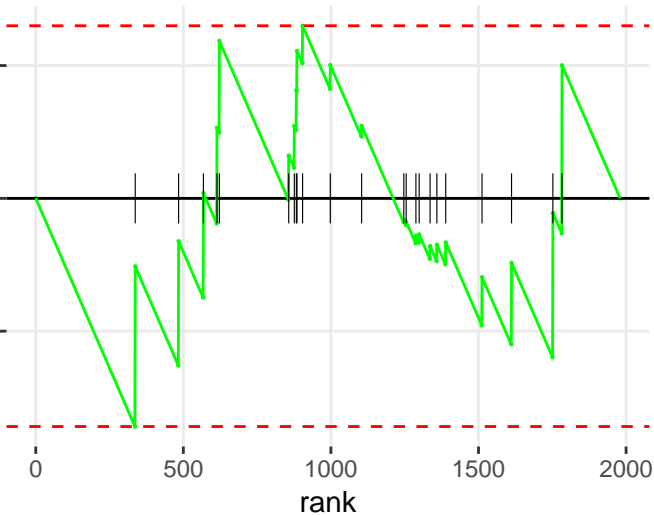
500

1000

1500

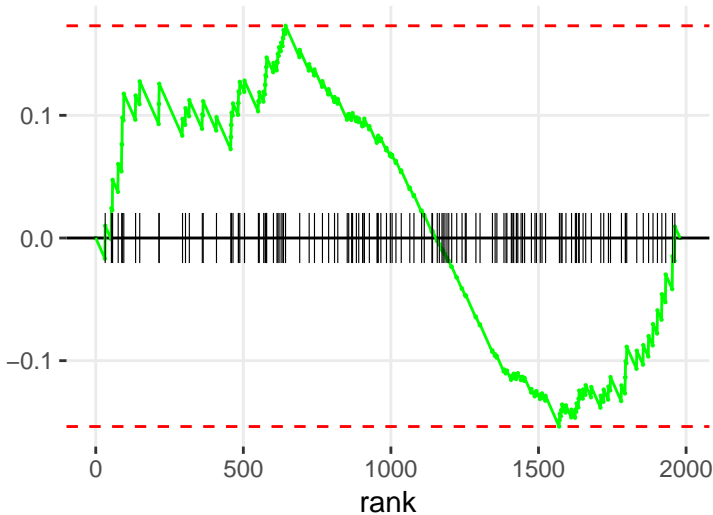
2000

rank



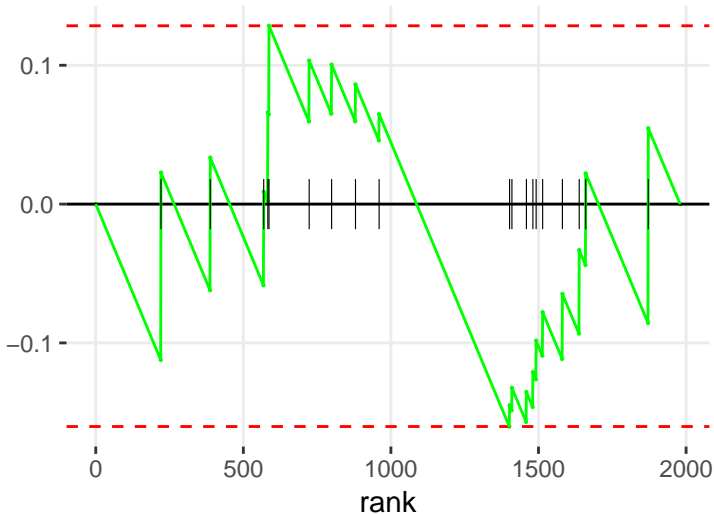
BETA-ALANINE METABOLISM

enrichment score



GLYCOSPHINGOLIPID BIOSYNTHESIS – GLOBOSERIES

enrichment score



SQUALENE AND CHOLESTEROL BIOSYNTHESIS

