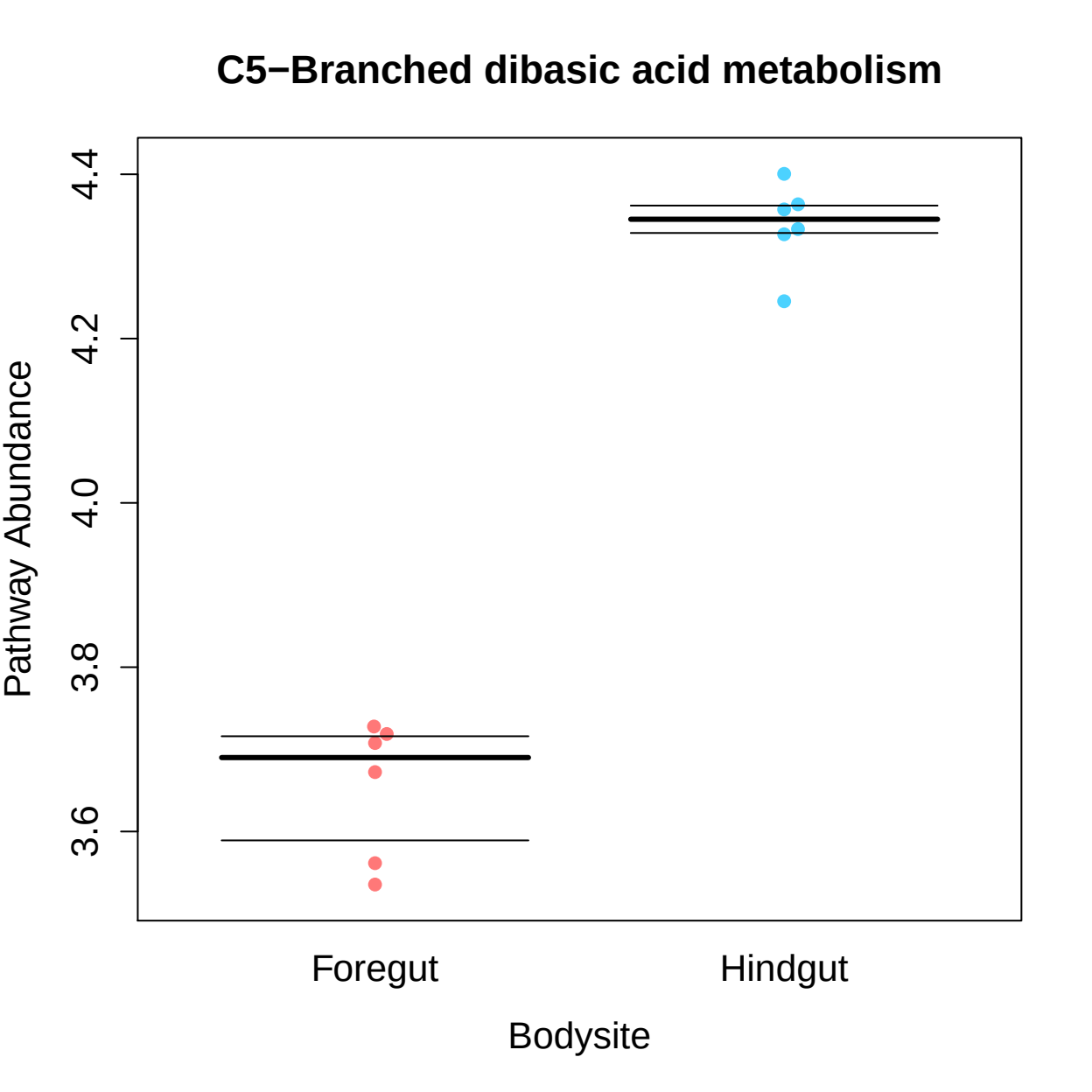
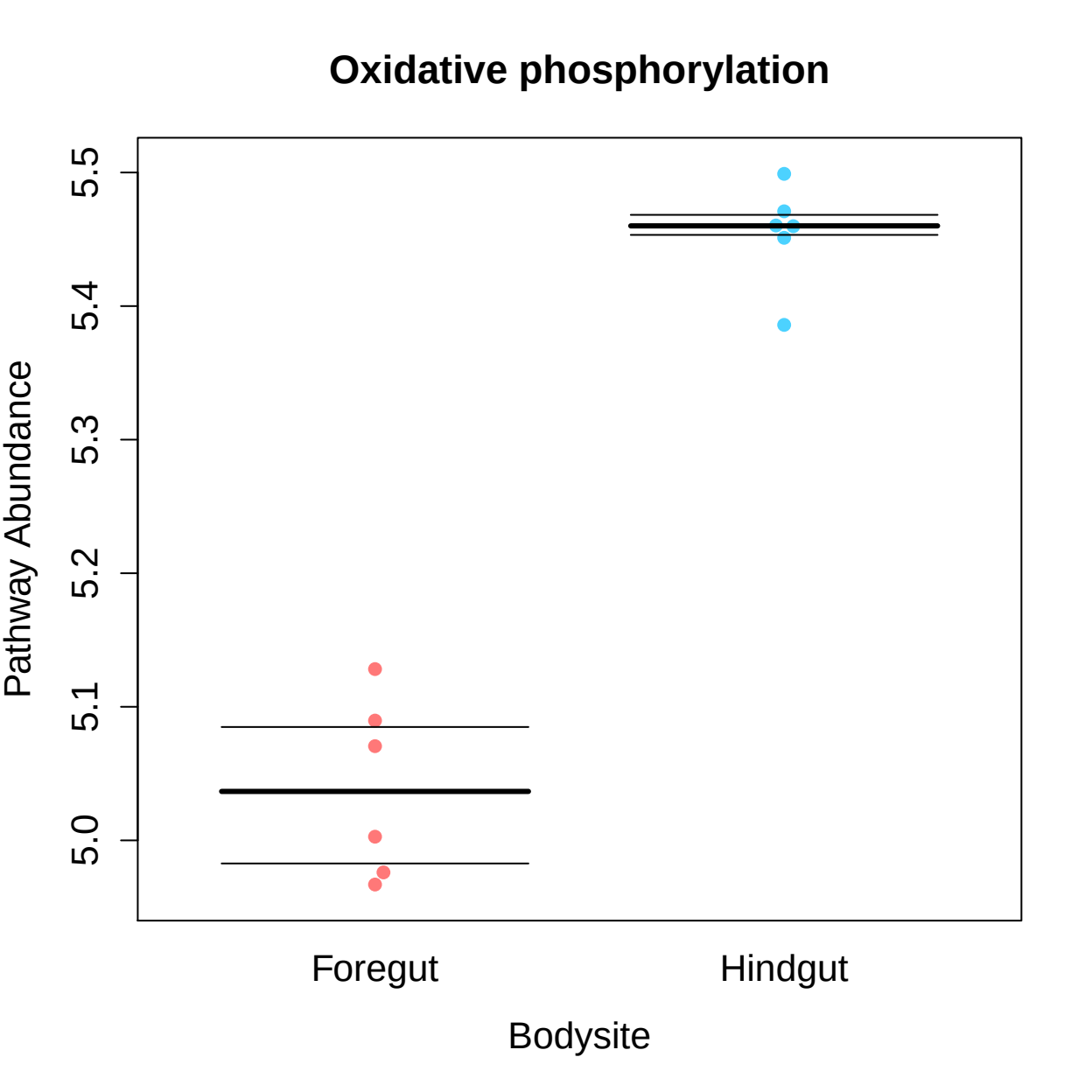
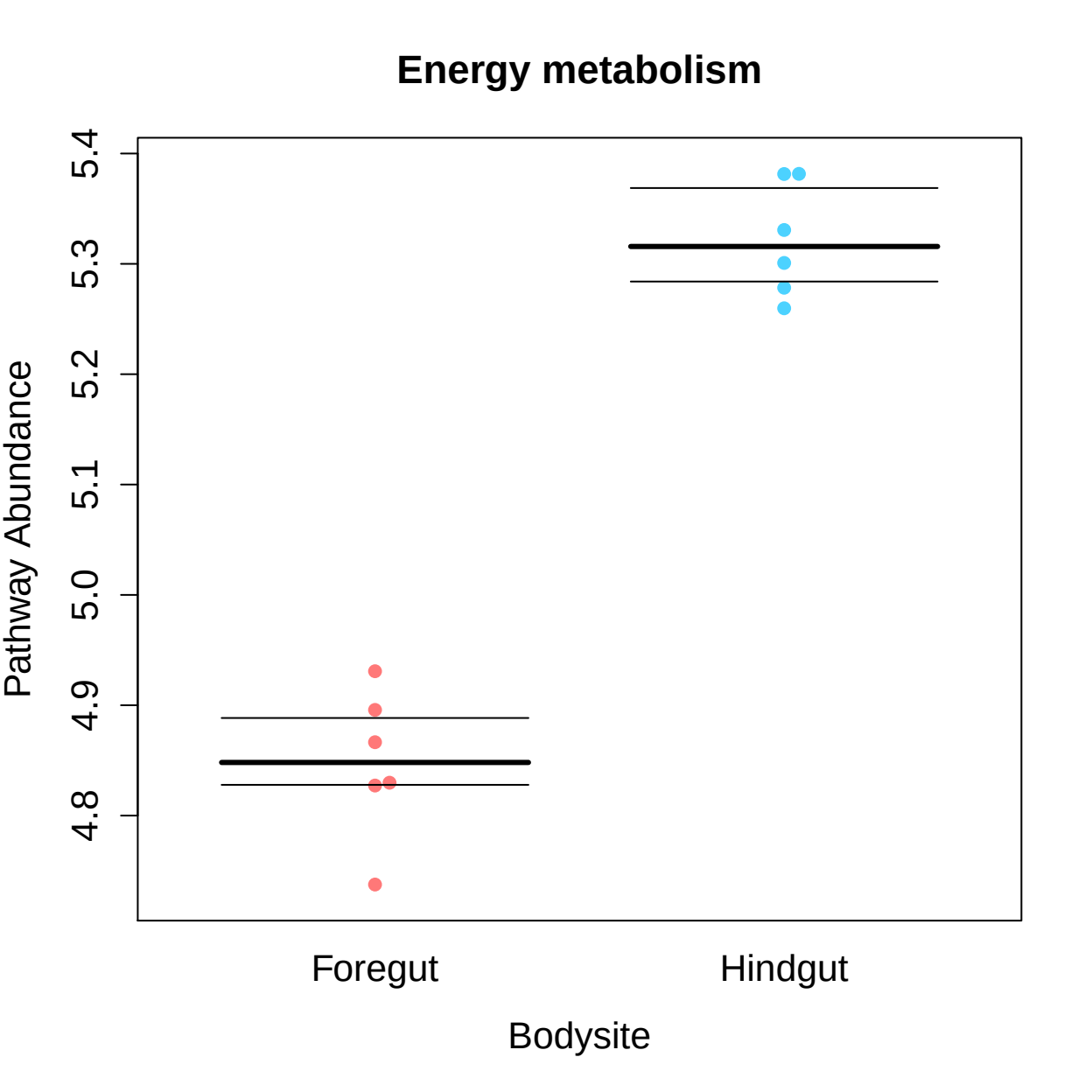
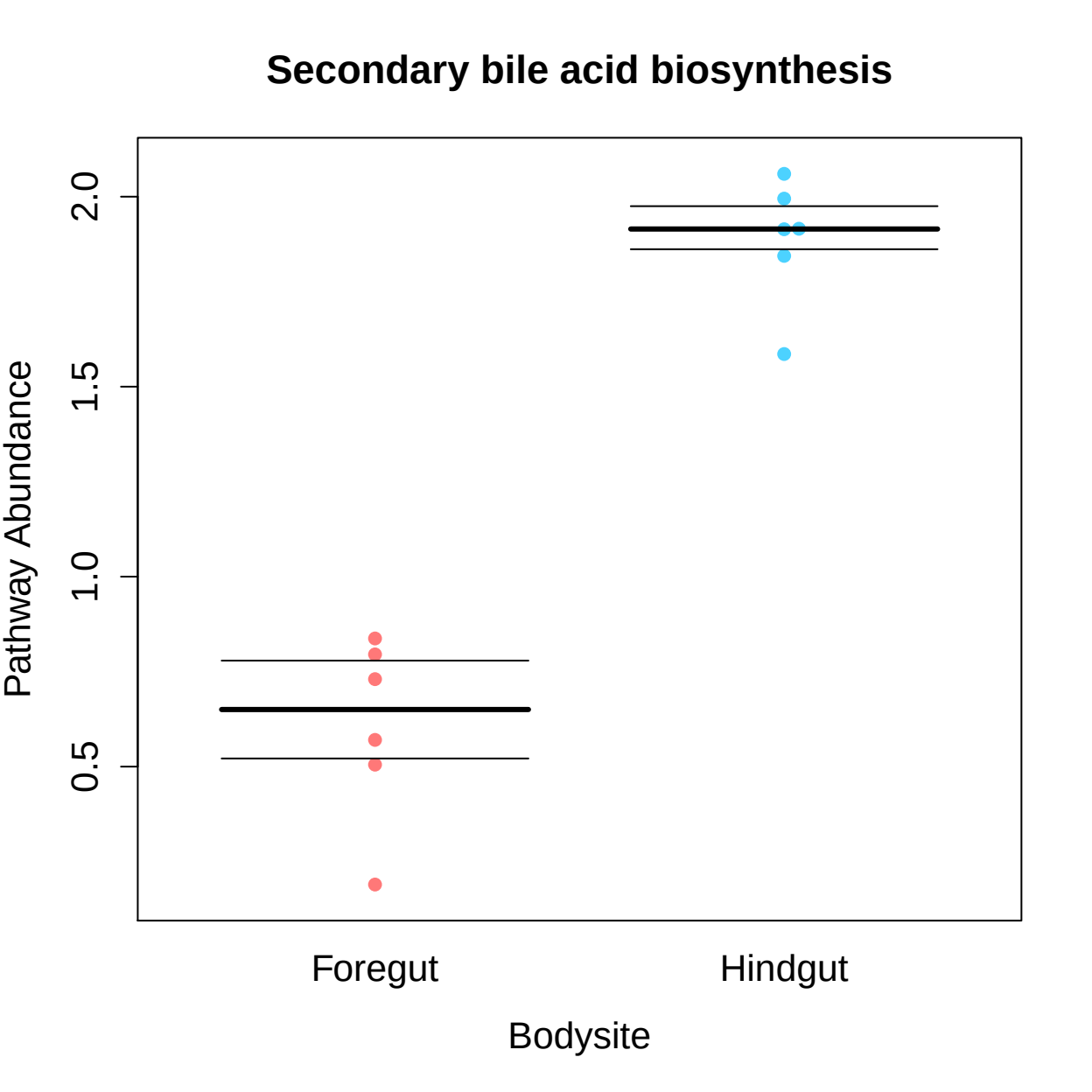
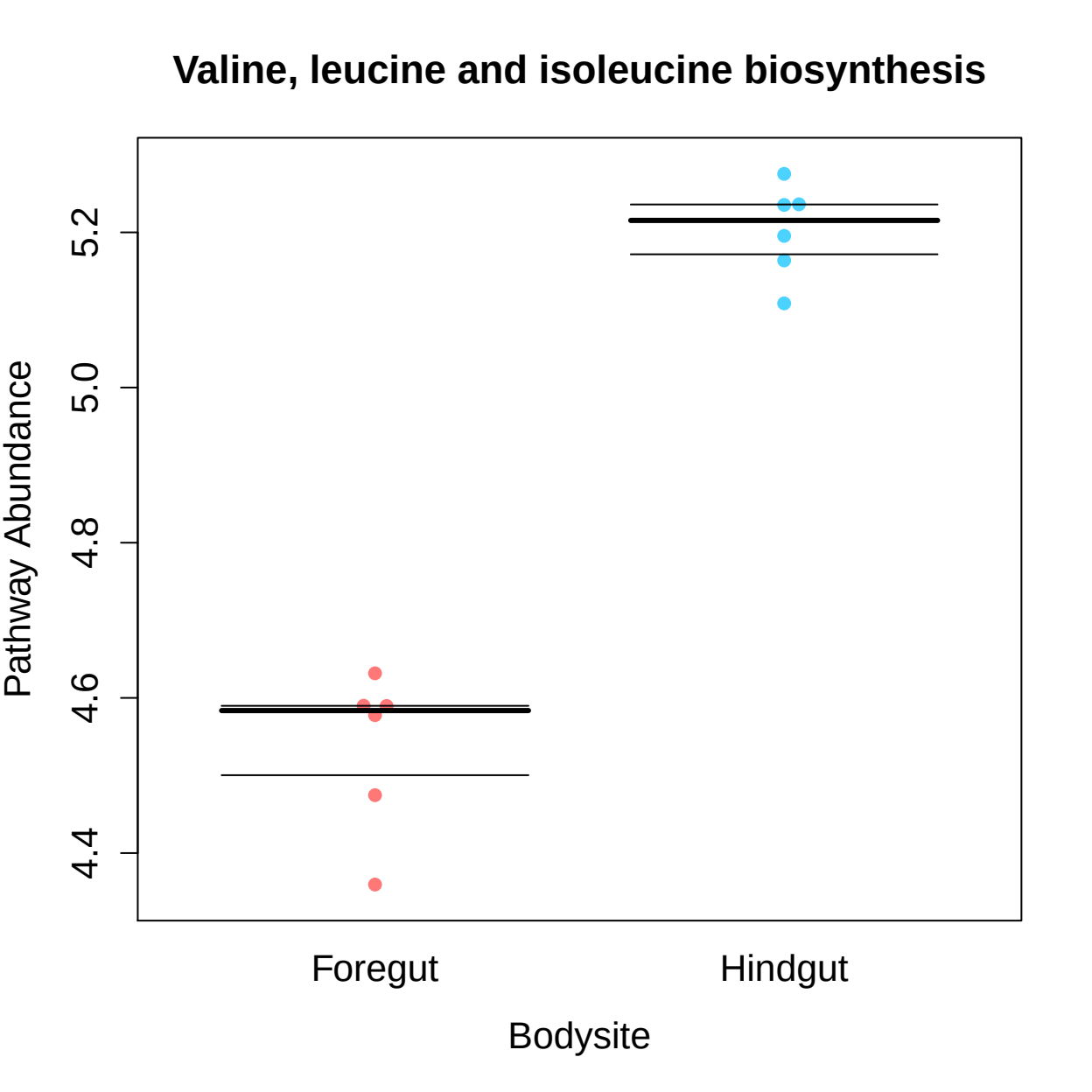
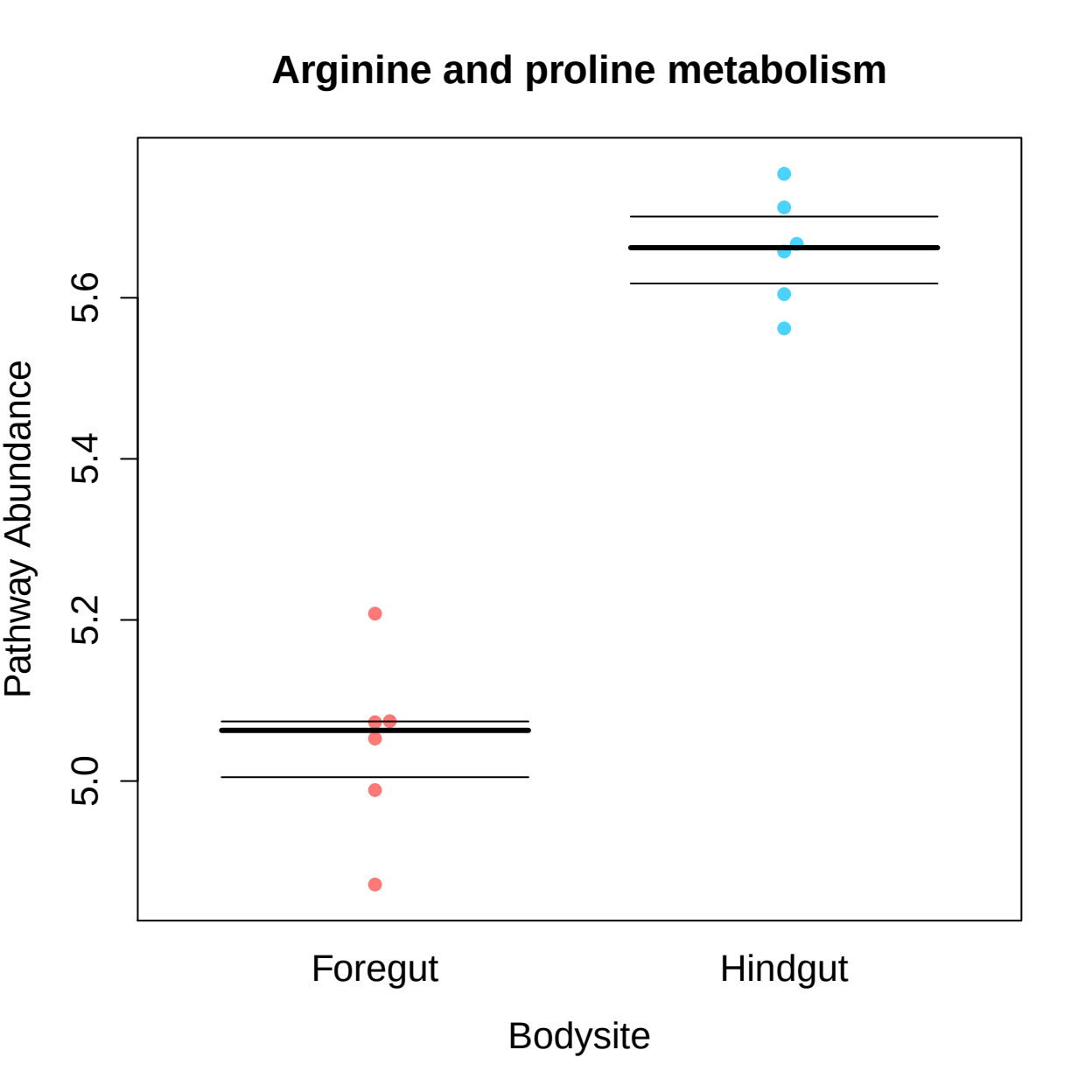

C5−Branched dibasic acid metabolism
Pathway Abundance
4.4
4.2
4.0
3.8
3.6
Foregut
Hindgut
Bodysite

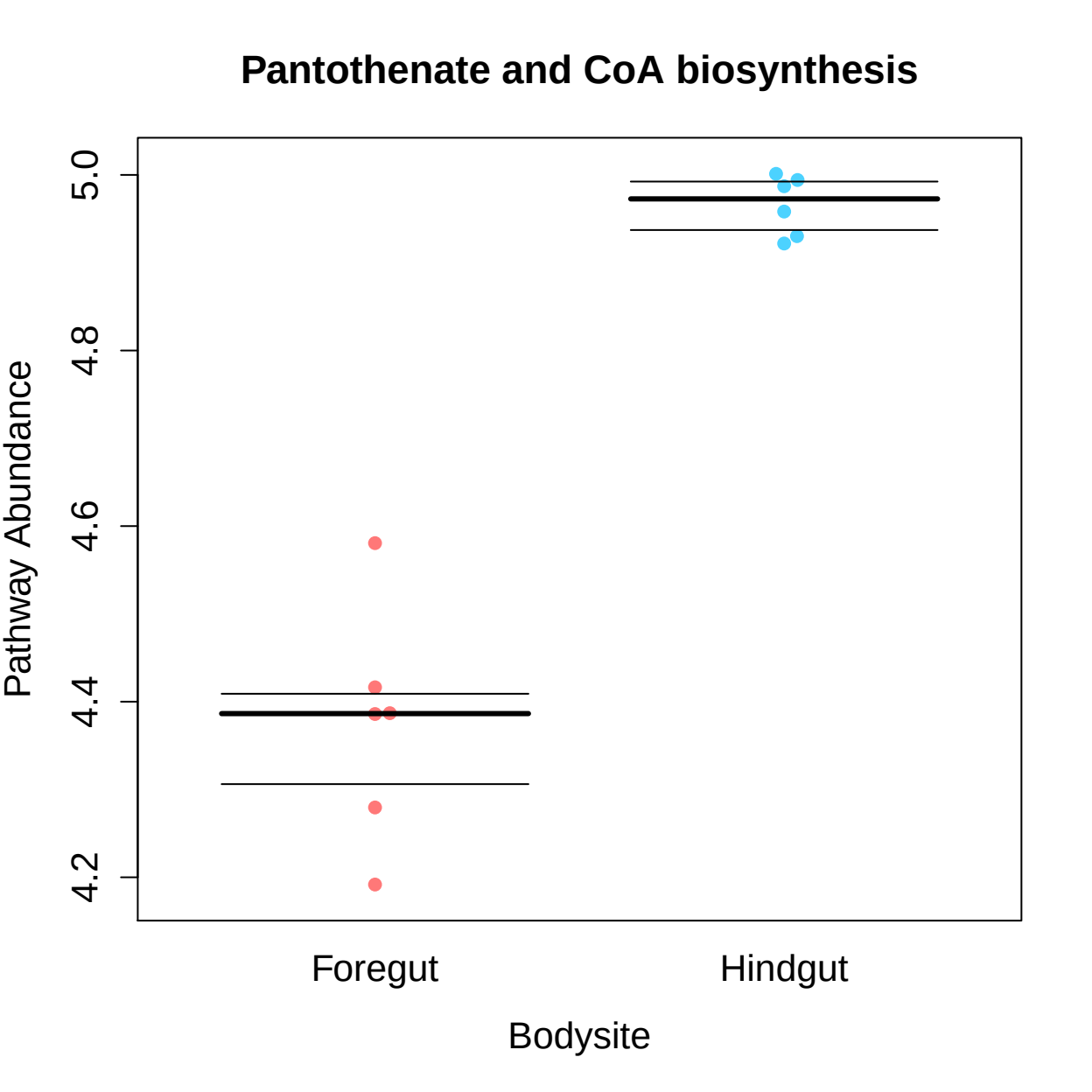

Oxidative phosphorylation
Pathway Abundance
5.0
5.1
5.2
5.3
5.4
5.5
Foregut
Hindgut
Bodysite

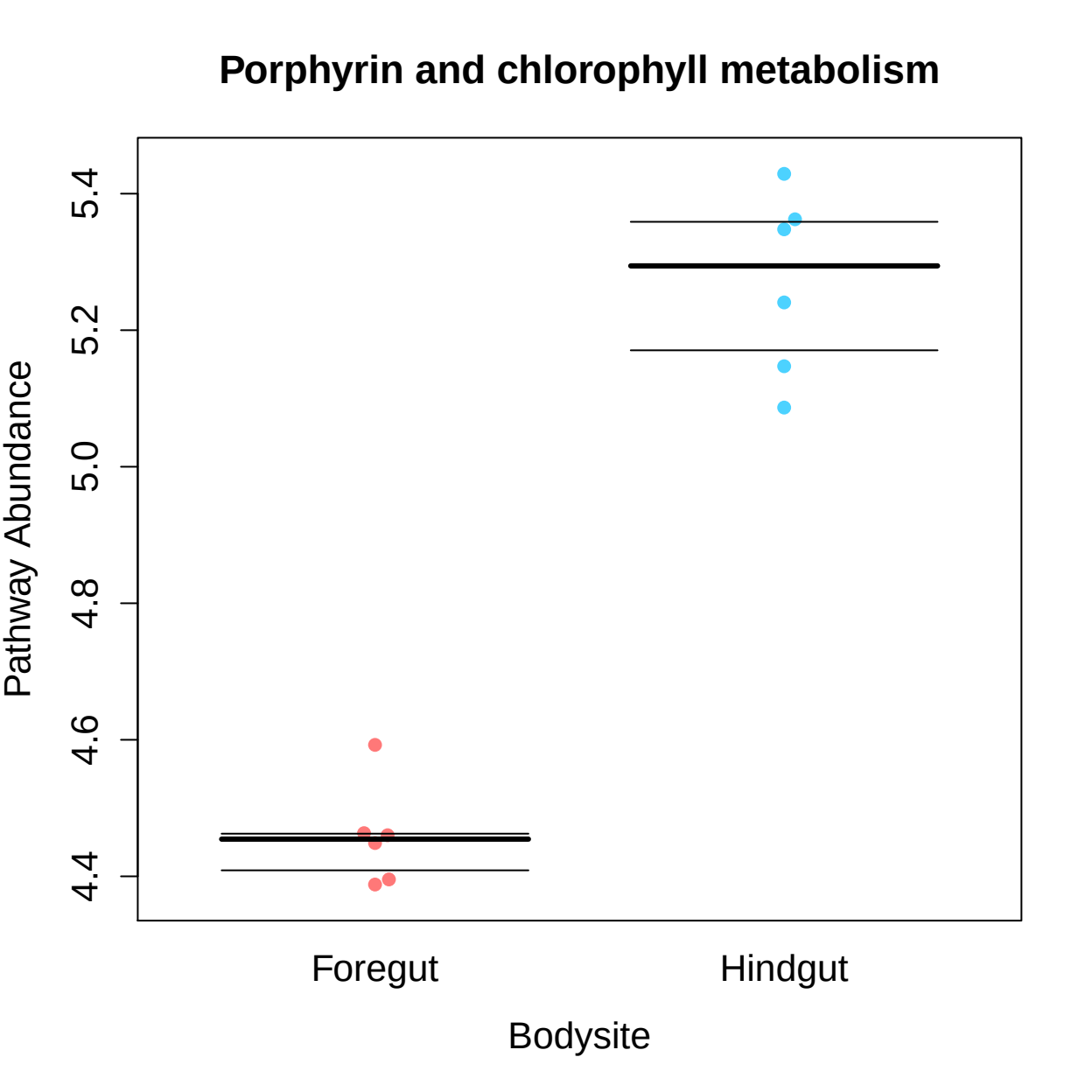

Energy metabolism
Pathway Abundance
4.8
4.9
5.0
5.1
5.2
5.3
5.4
Foregut
Hindgut
Bodysite

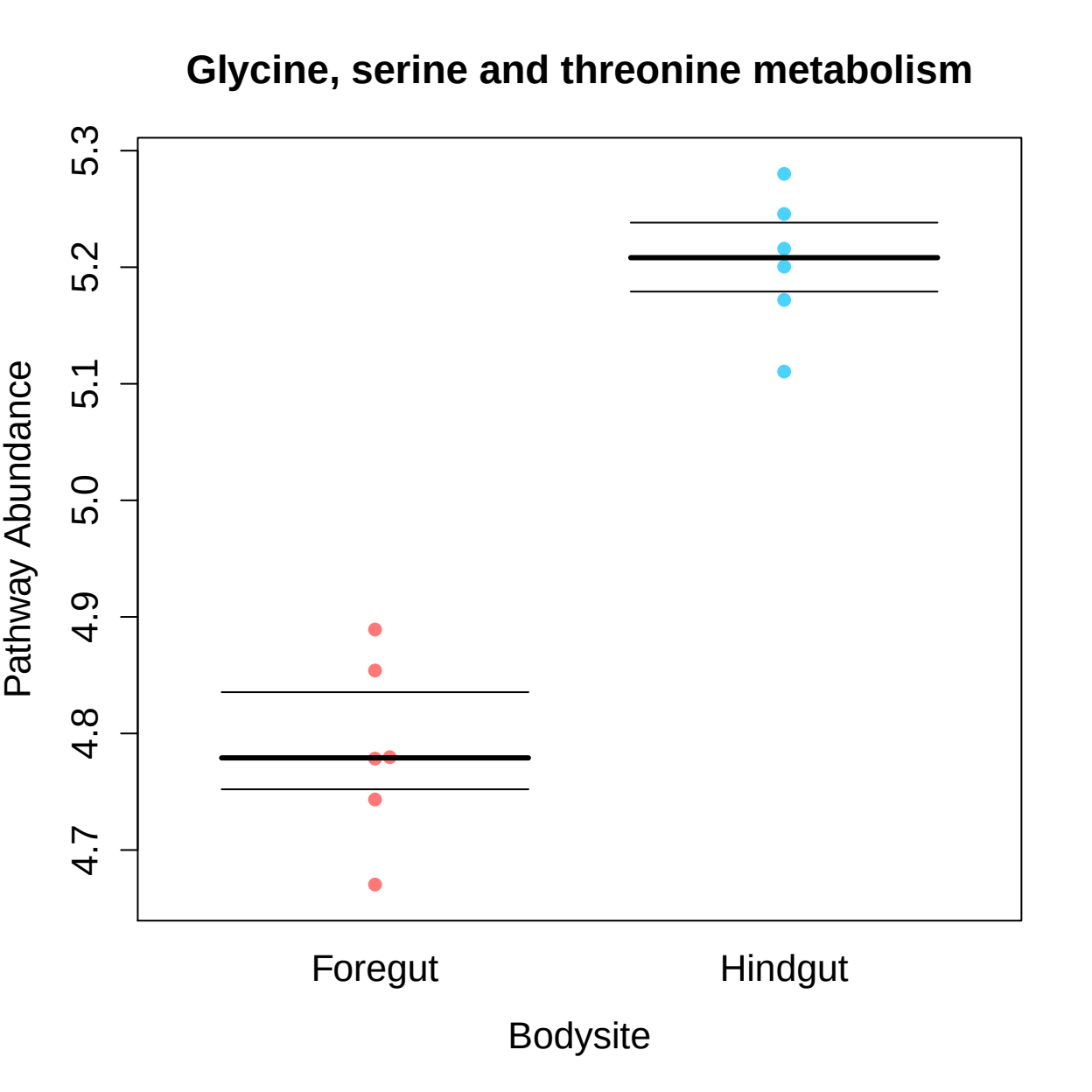

Secondary bile acid biosynthesis
Pathway Abundance
0.5
1.0
1.5
2.0
Foregut
Hindgut
Bodysite

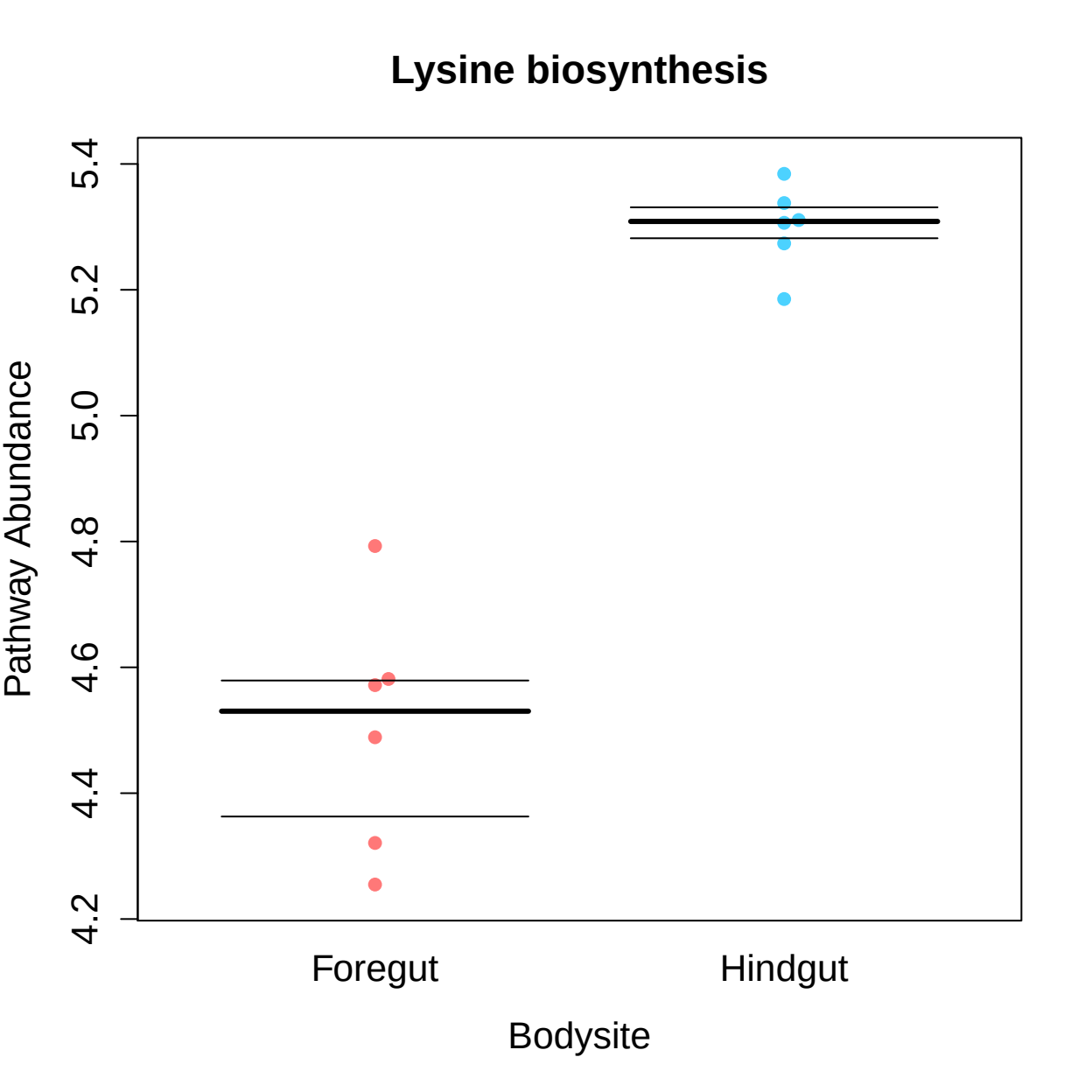

Valine, leucine and isoleucine biosynthesis
Pathway Abundance
4.4
4.6
4.8
5.0
5.2
Foregut
Hindgut
Bodysite

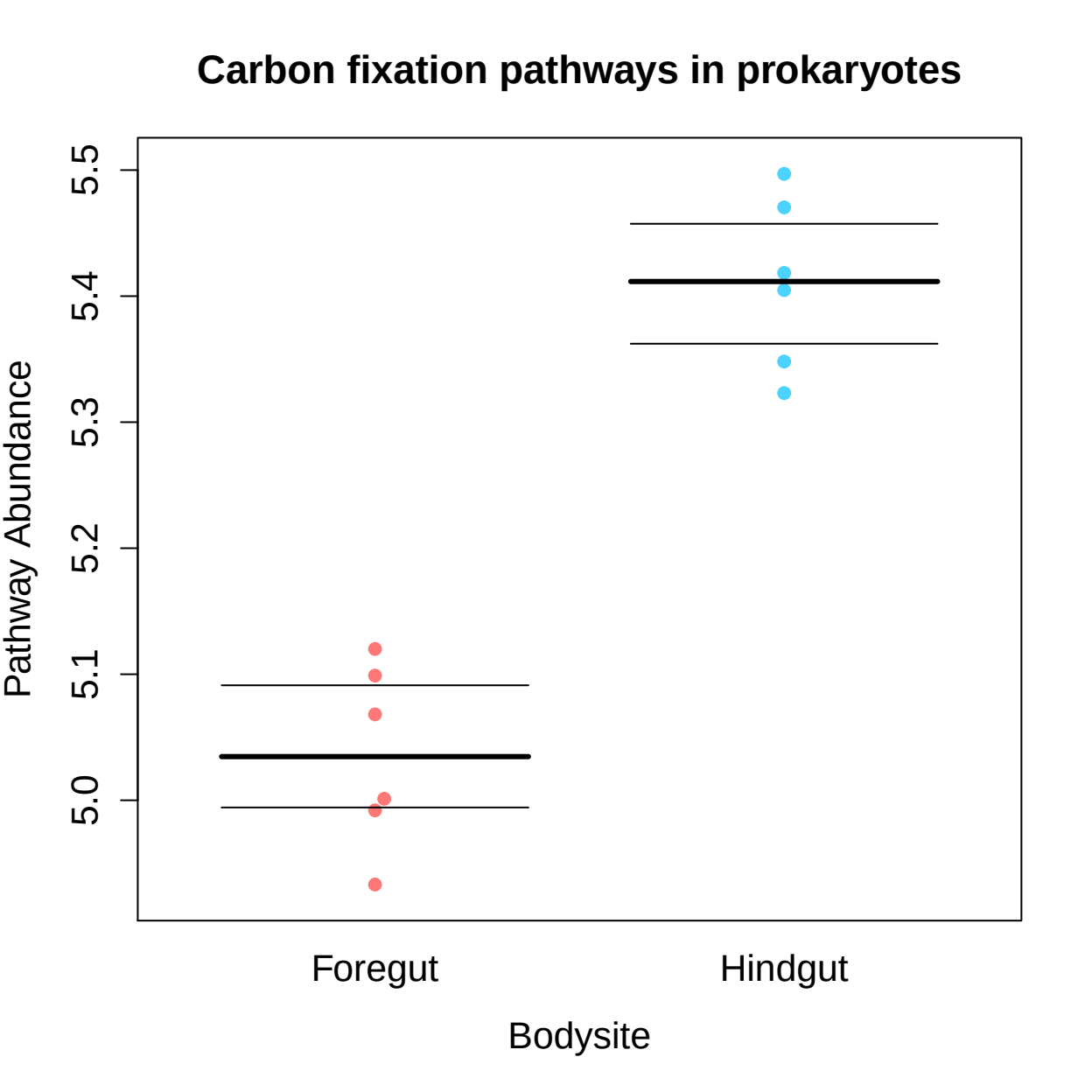

Arginine and proline metabolism
Pathway Abundance
5.0
5.2
5.4
5.6
Foregut
Hindgut
Bodysite

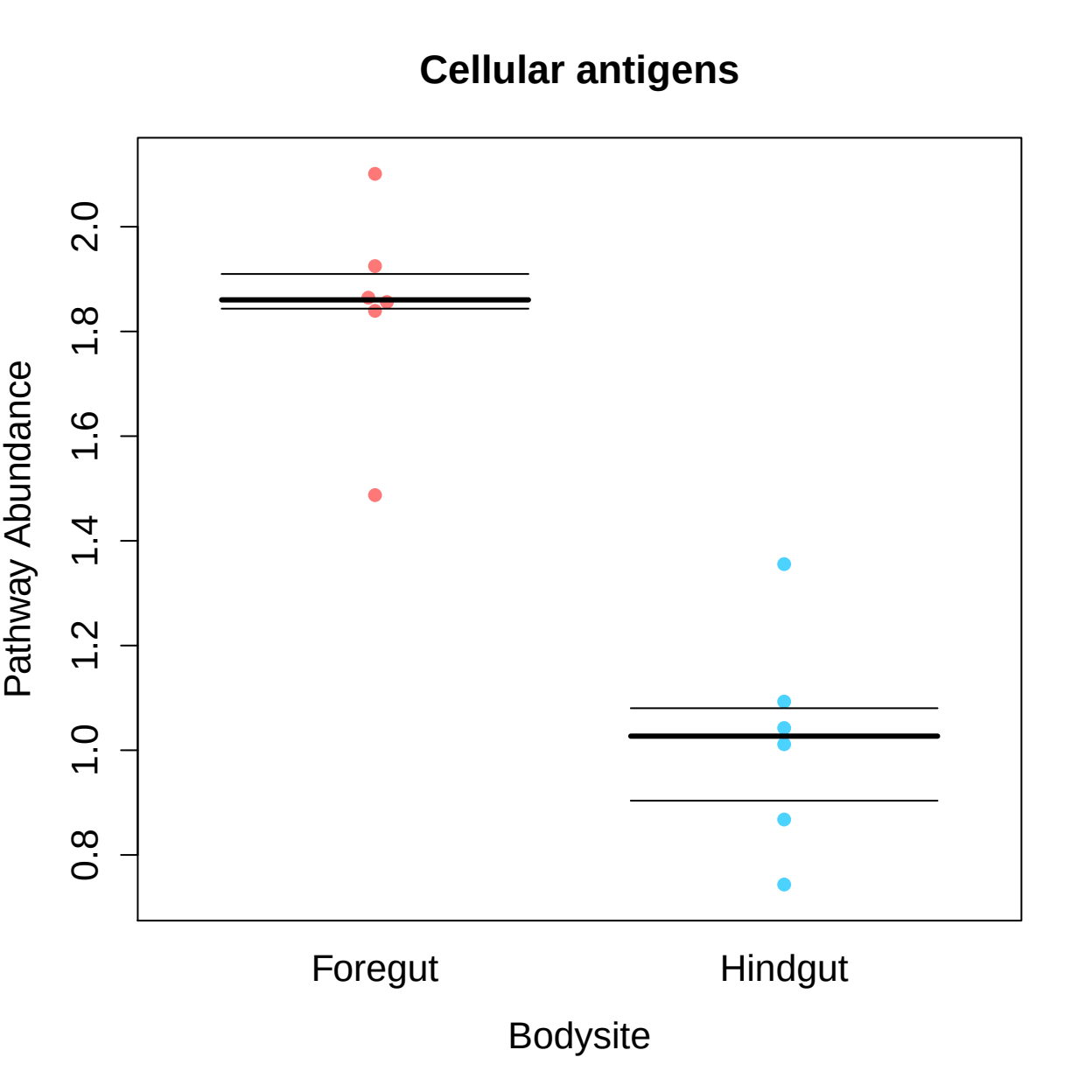

Pantothenate and CoA biosynthesis
Pathway Abundance
5.0
4.8
4.6
4.4
4.2
Foregut
Hindgut
Bodysite

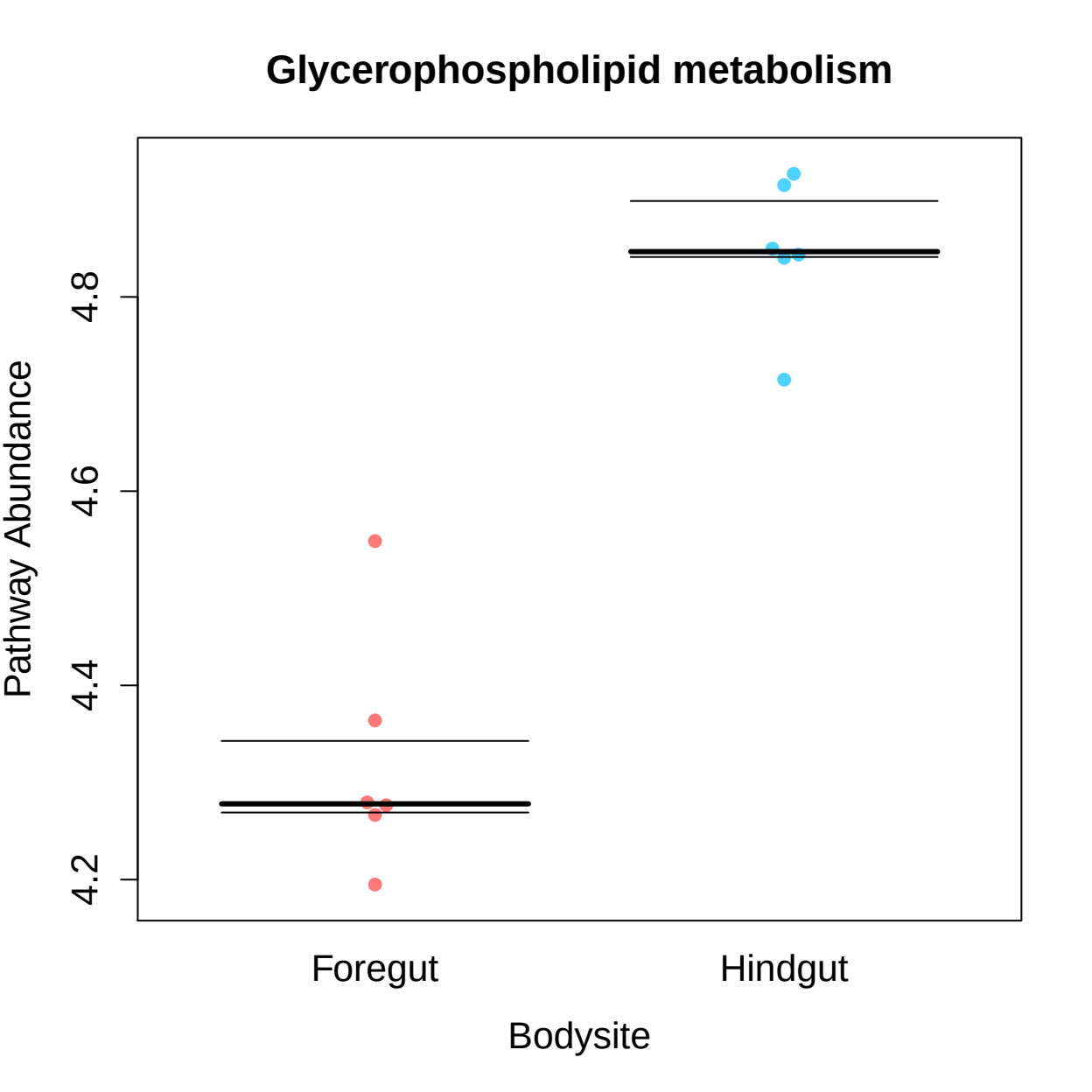

Porphyrin and chlorophyll metabolism
Pathway Abundance
4.4
4.6
4.8
5.0
5.2
5.4
Foregut
Hindgut
Bodysite

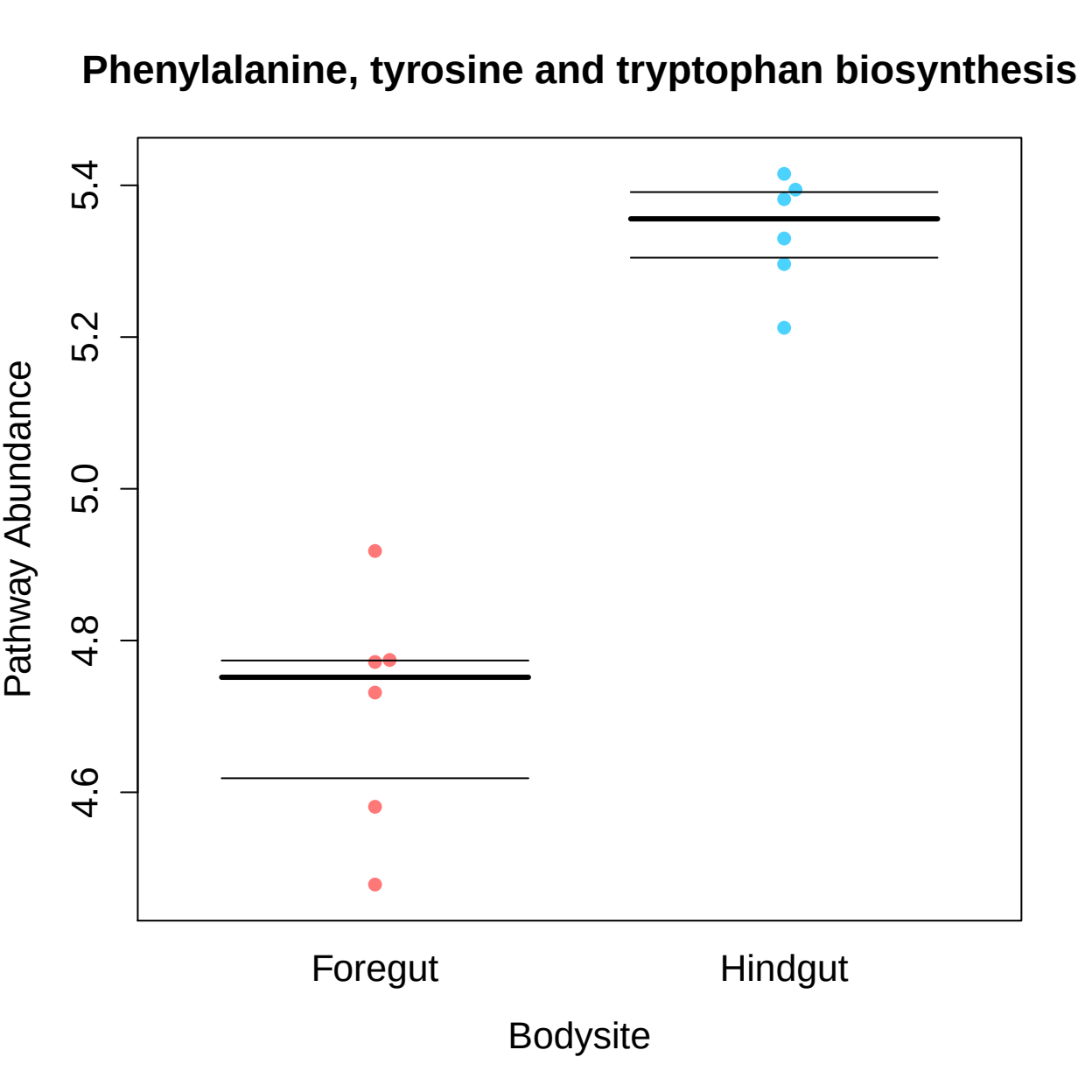

Glycine, serine and threonine metabolism
Pathway Abundance
5.3
5.2
5.1
5.0
4.9
4.8
4.7
Foregut
Hindgut
Bodysite

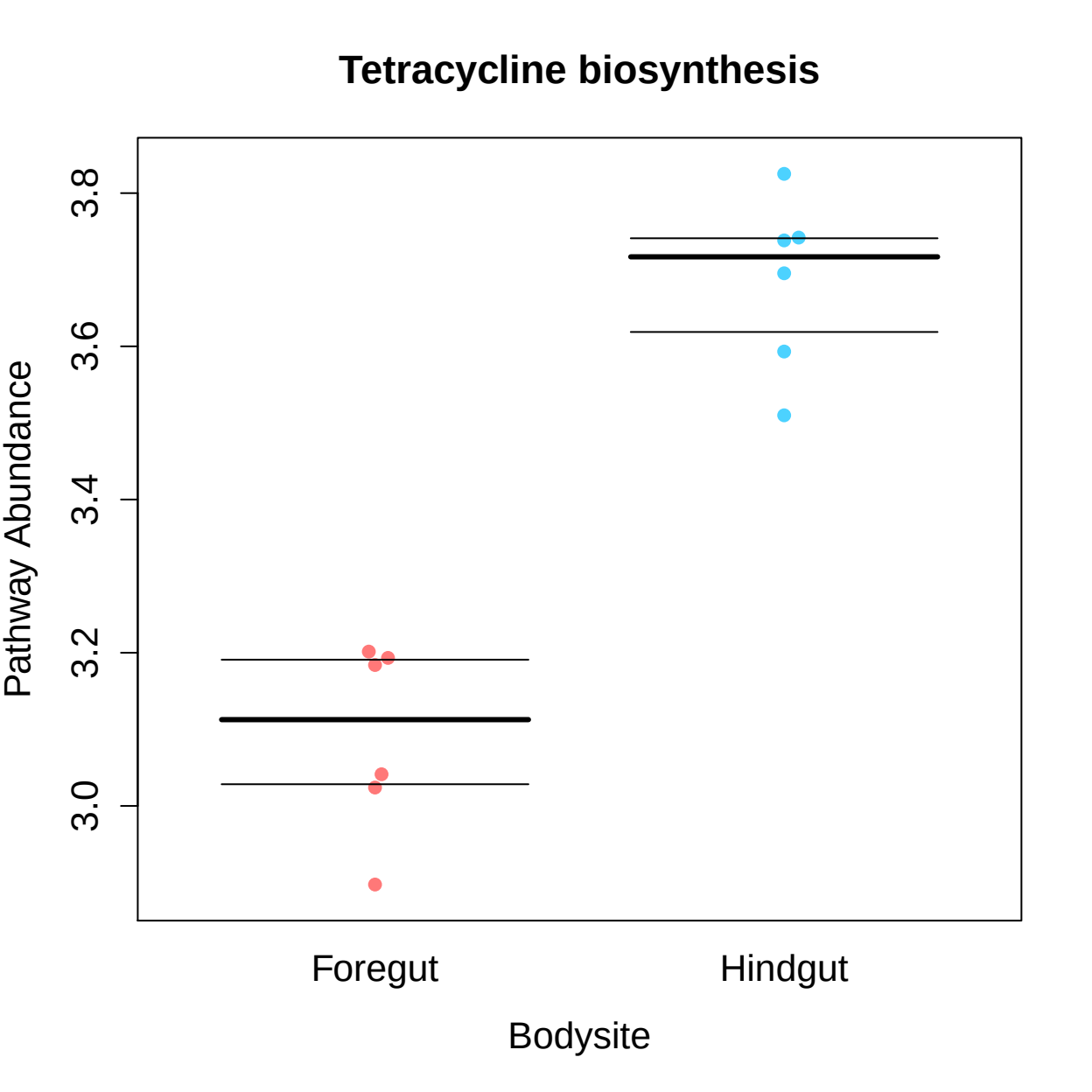

Lysine biosynthesis
Pathway Abundance
5.4
5.2
5.0
4.8
4.6
4.4
4.2
Foregut
Hindgut
Bodysite

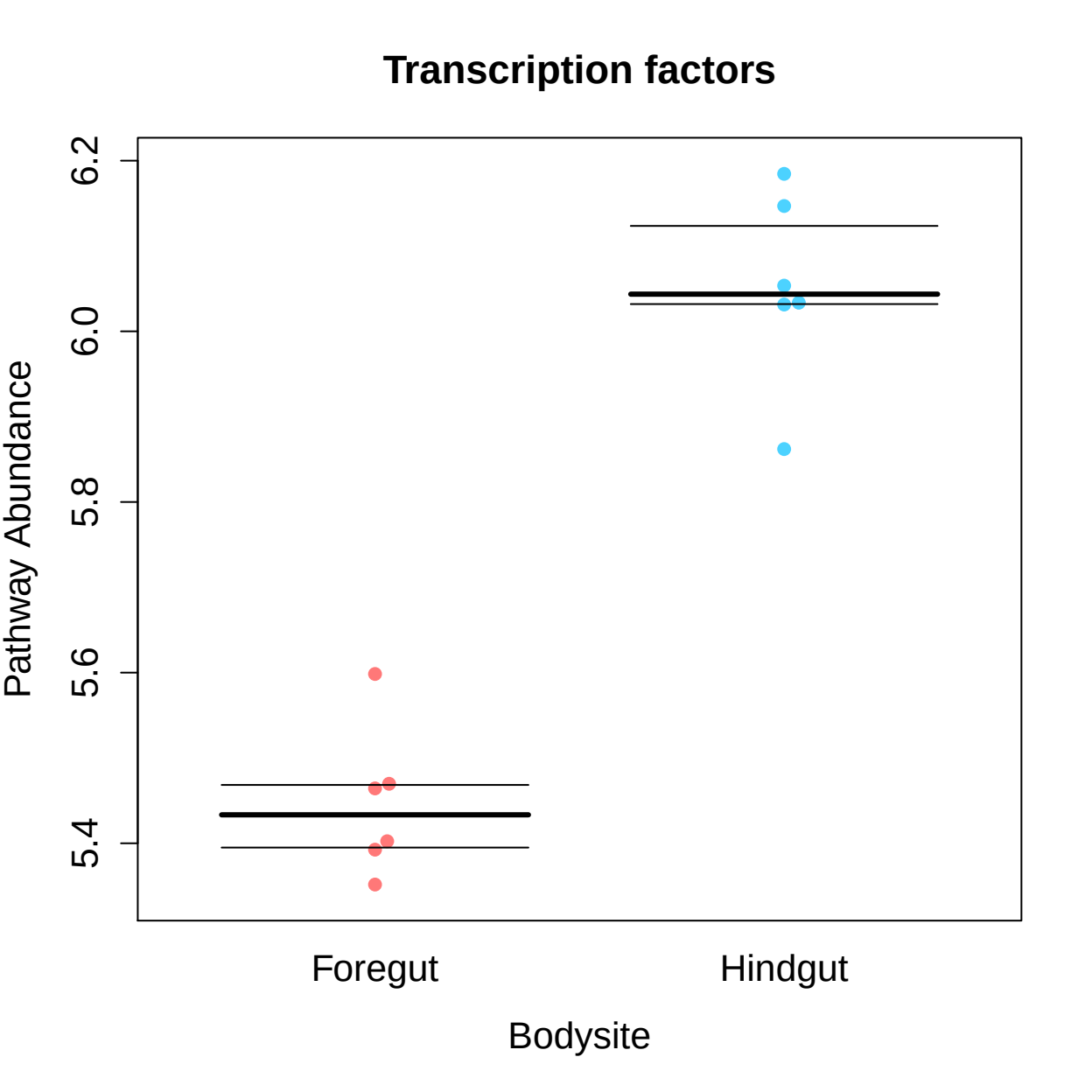

Carbon fixation pathways in prokaryotes
Pathway Abundance
5.0
5.1
5.2
5.3
5.4
5.5
Foregut
Hindgut
Bodysite

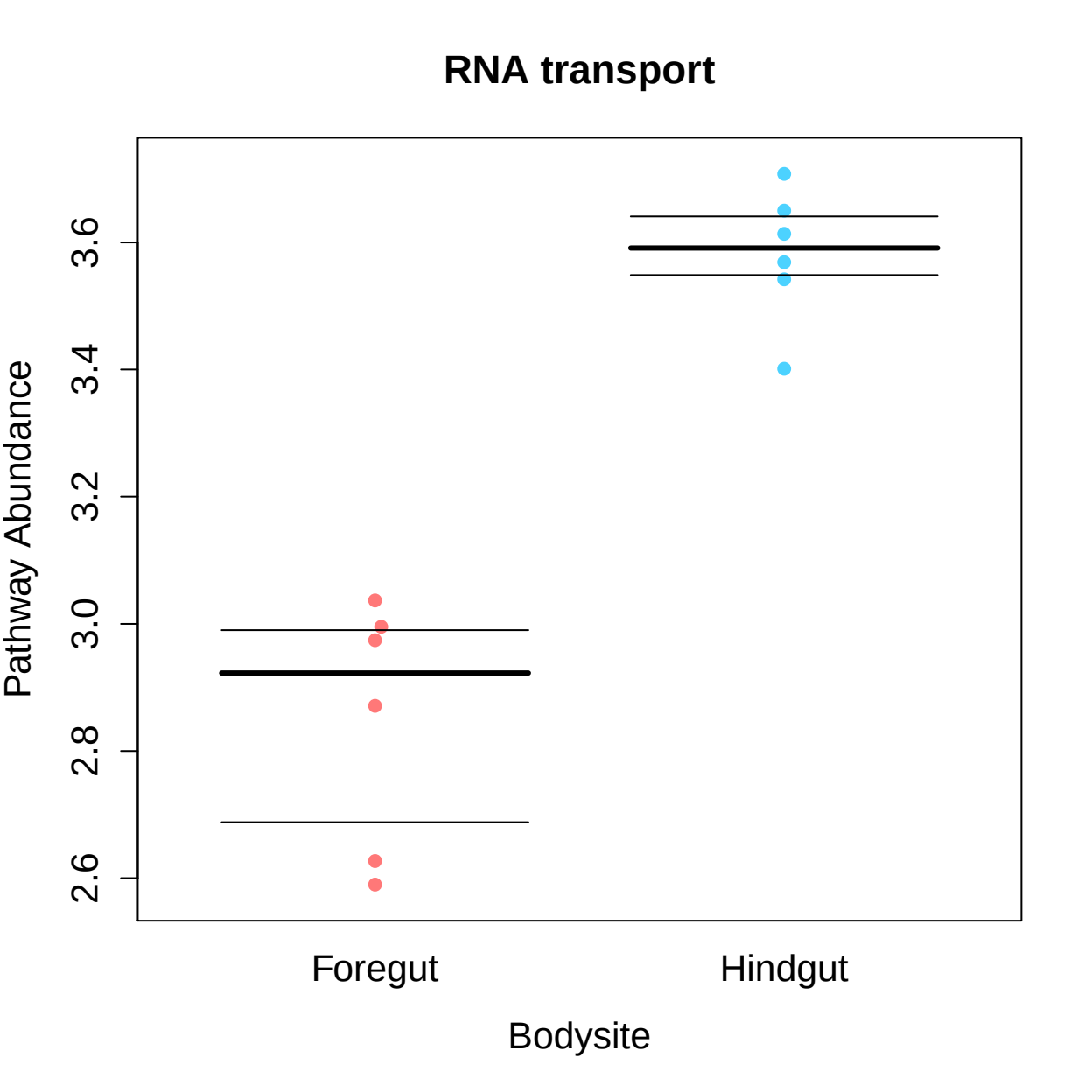

Cellular antigens
Pathway Abundance
0.8
1.0
1.2
1.4
1.6
1.8
2.0
Foregut
Hindgut
Bodysite

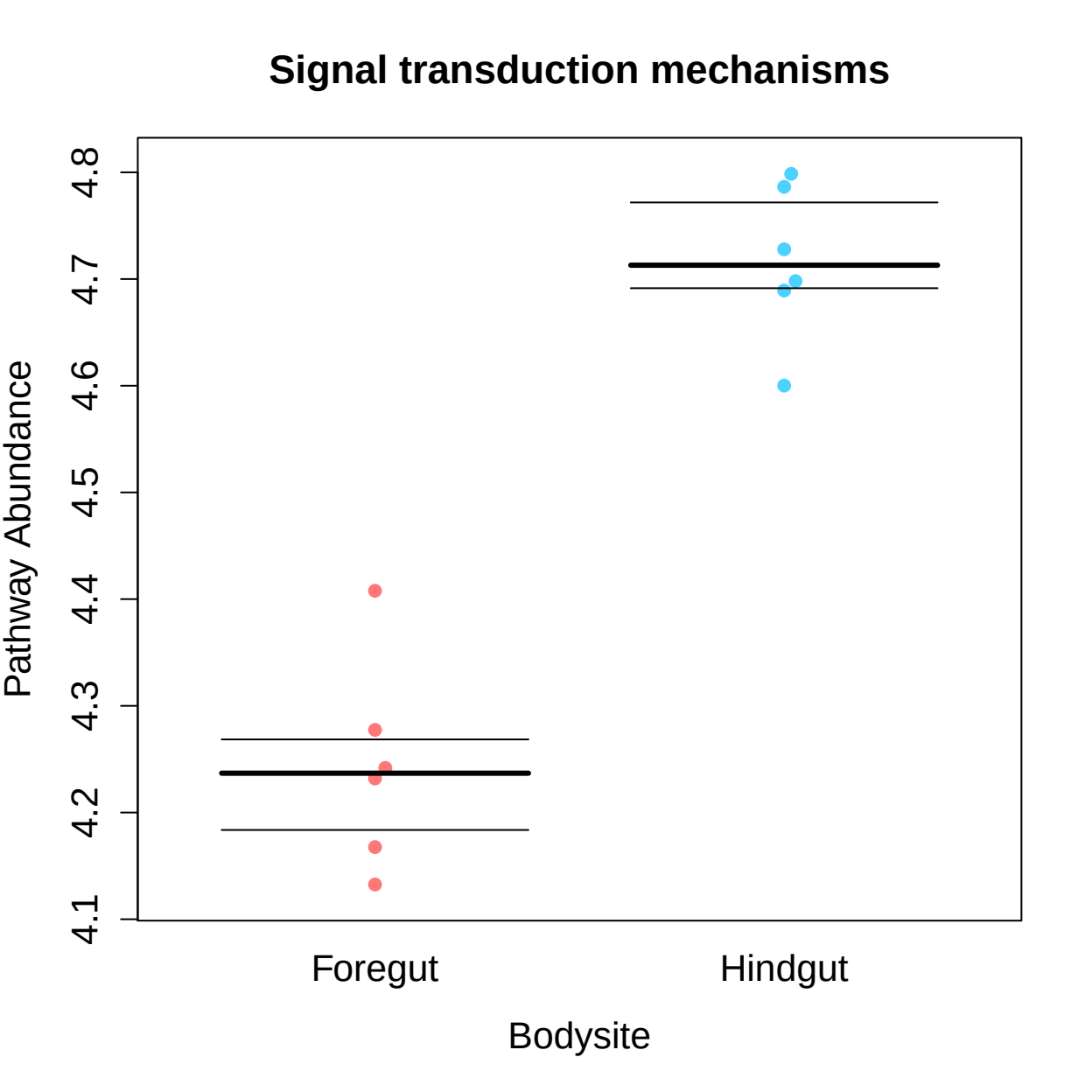

Glycerophospholipid metabolism
Pathway Abundance
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

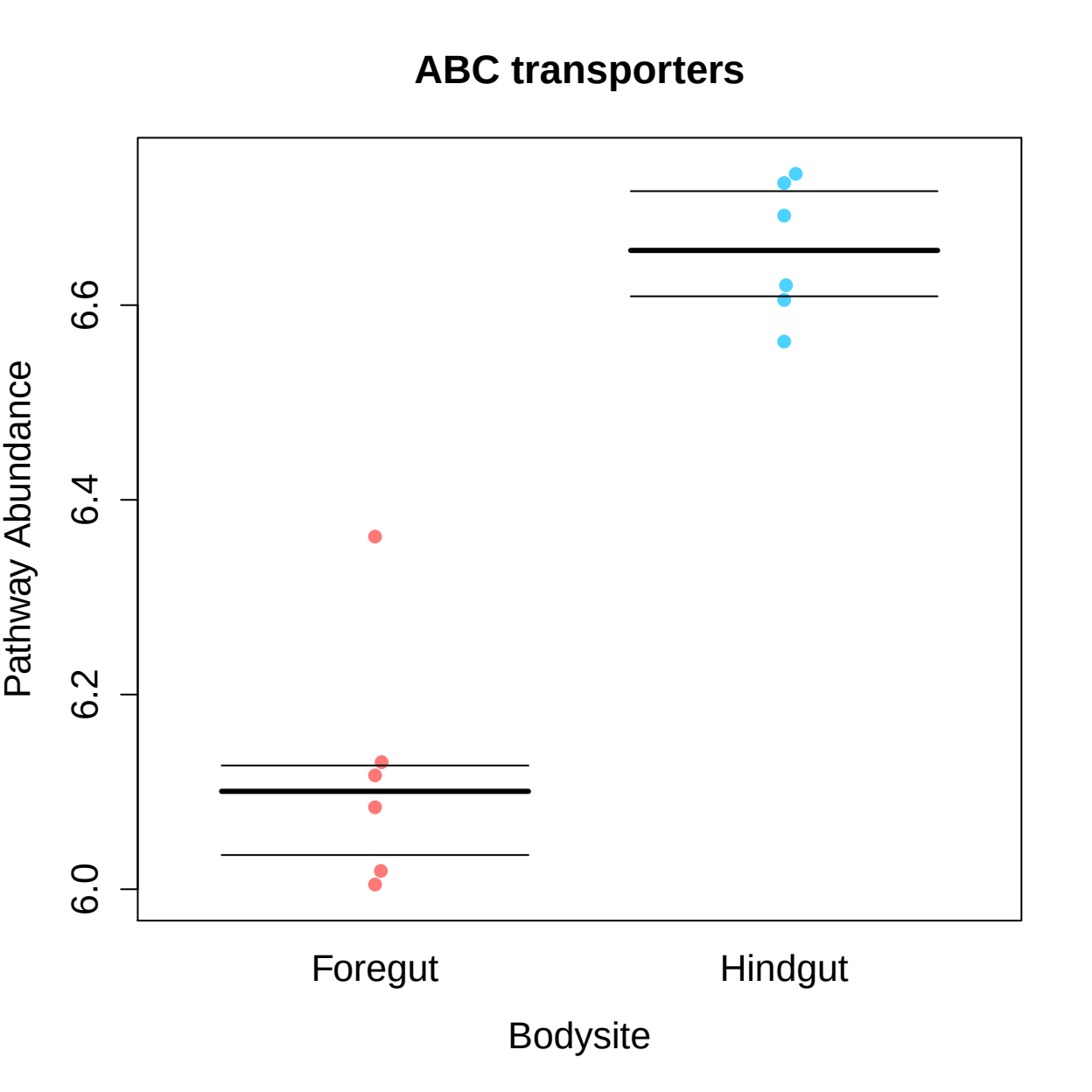

Phenylalanine, tyrosine and tryptophan biosynthesis
Pathway Abundance
4.6
4.8
5.0
5.2
5.4
Foregut
Hindgut
Bodysite

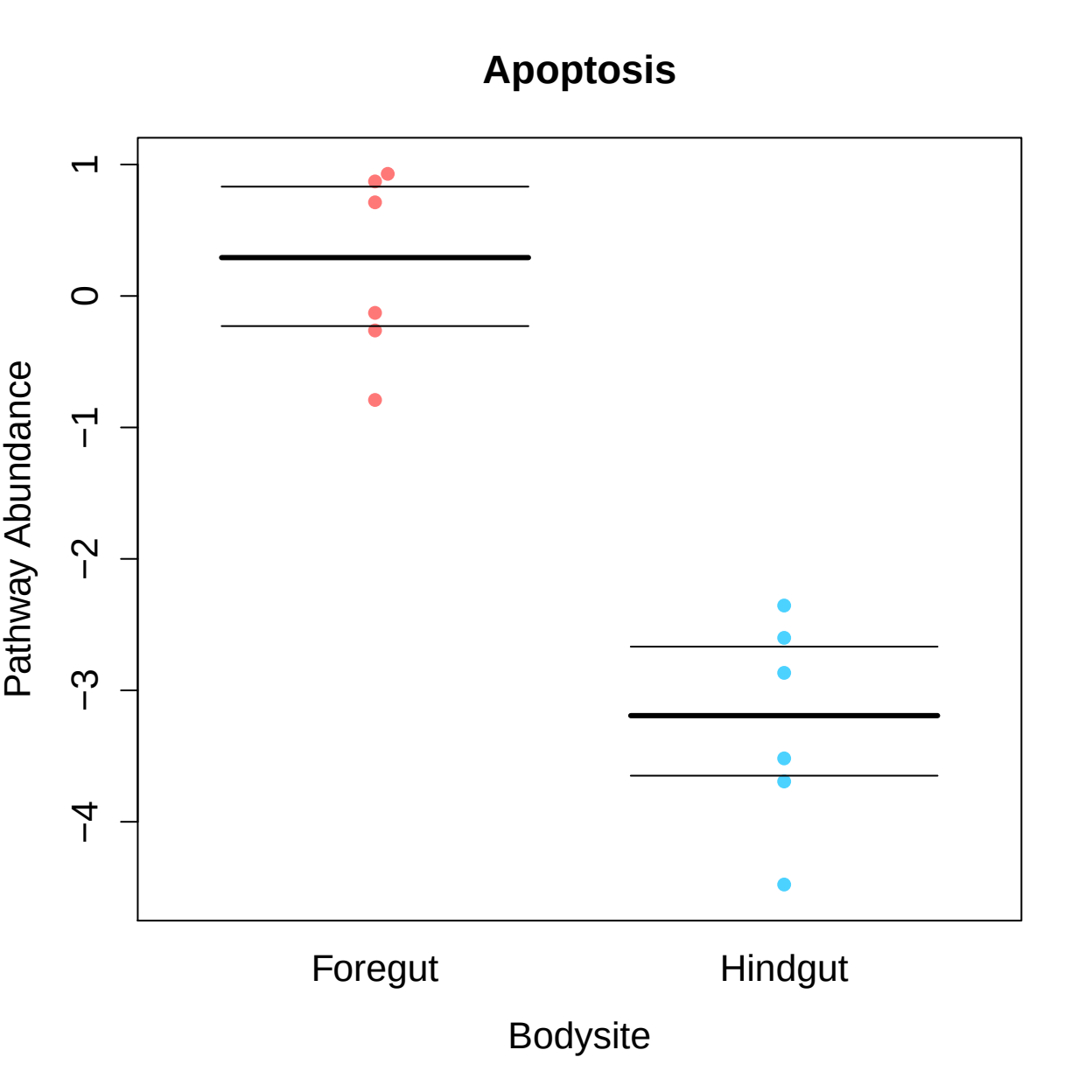

Tetracycline biosynthesis
Pathway Abundance
3.0
3.2
3.4
3.6
3.8
Foregut
Hindgut
Bodysite

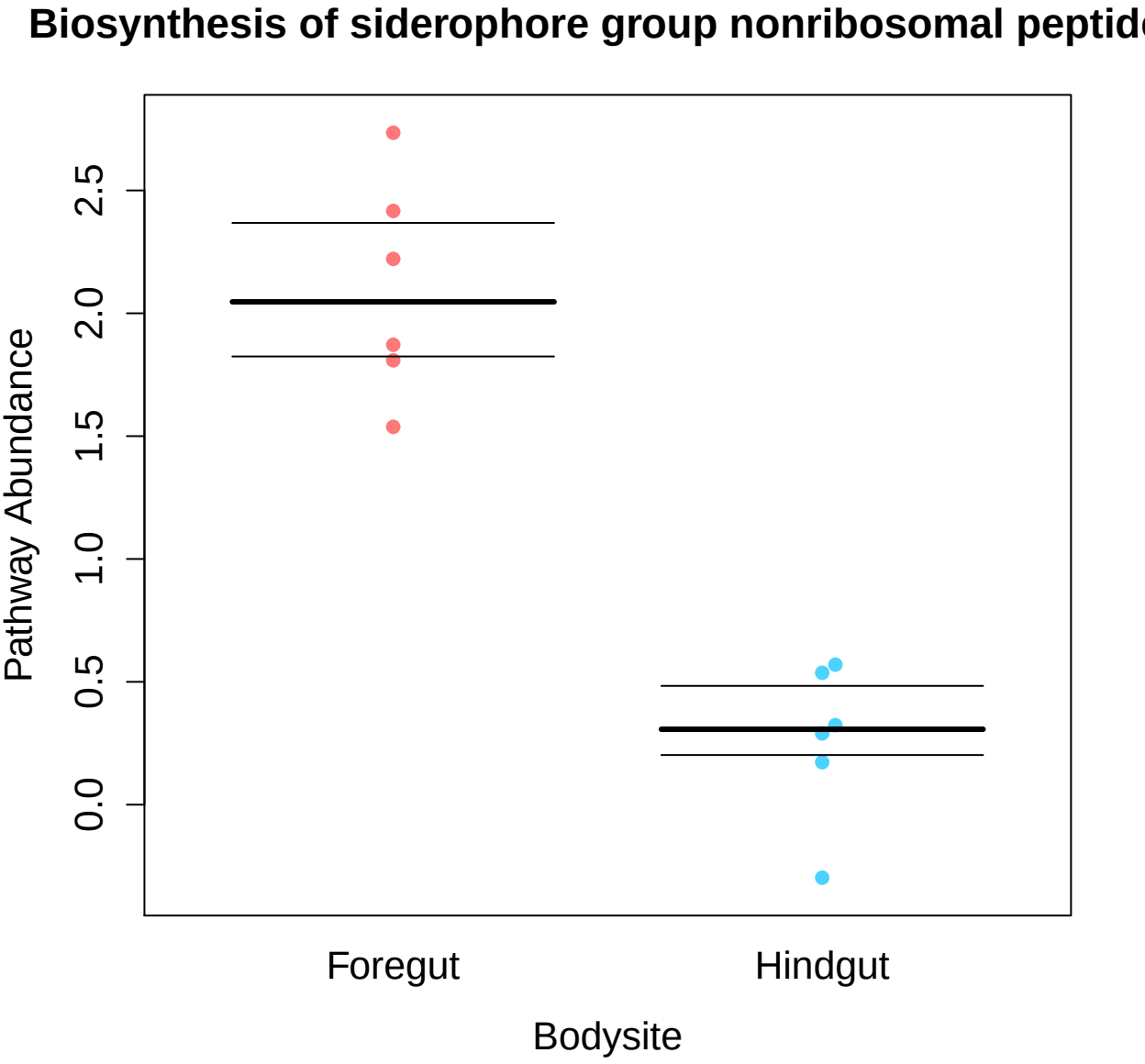

Transcription factors
Pathway Abundance
6.2
6.0
5.8
5.6
5.4
Foregut
Hindgut
Bodysite

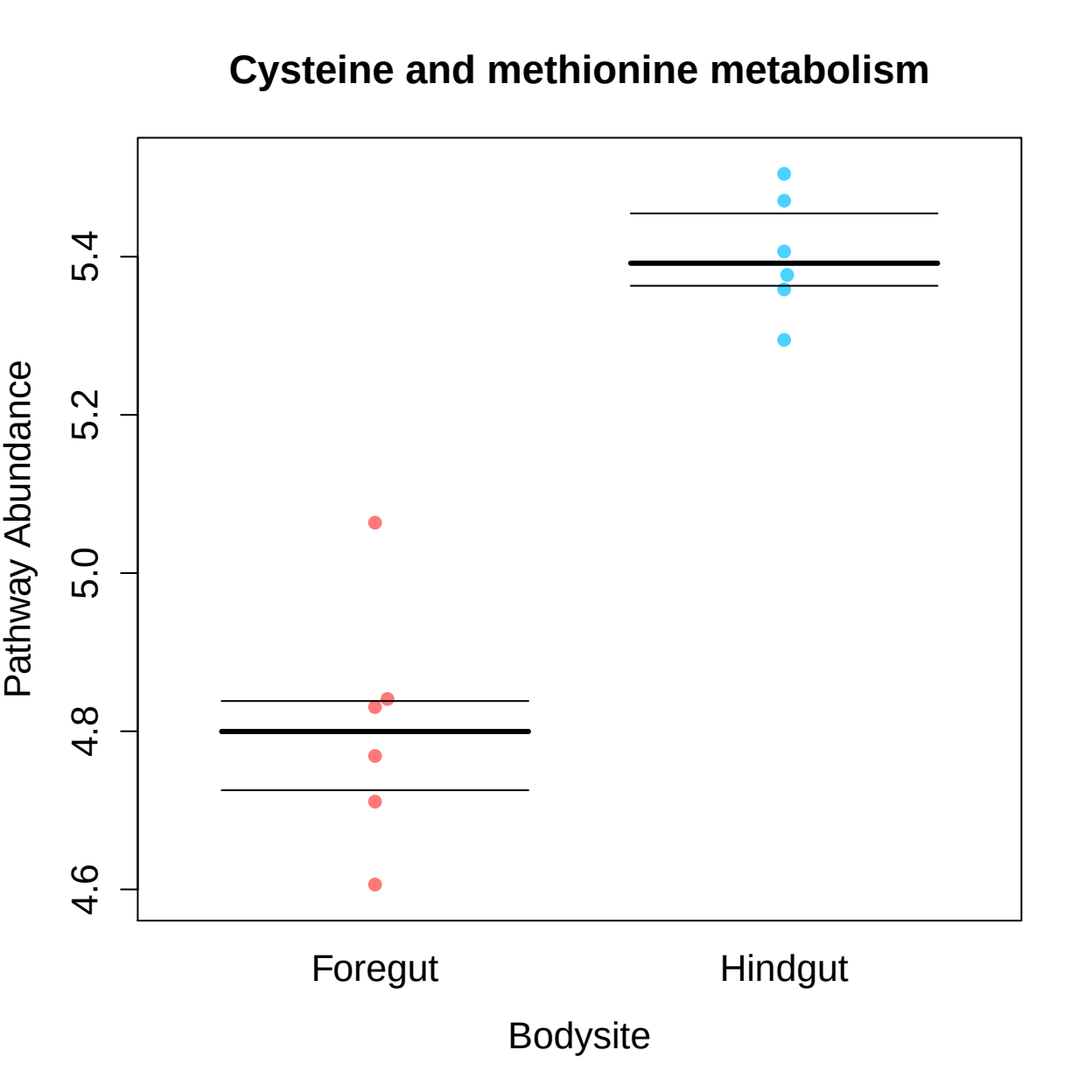

RNA transport
Pathway Abundance
2.6
2.8
3.0
3.2
3.4
3.6
Foregut
Hindgut
Bodysite

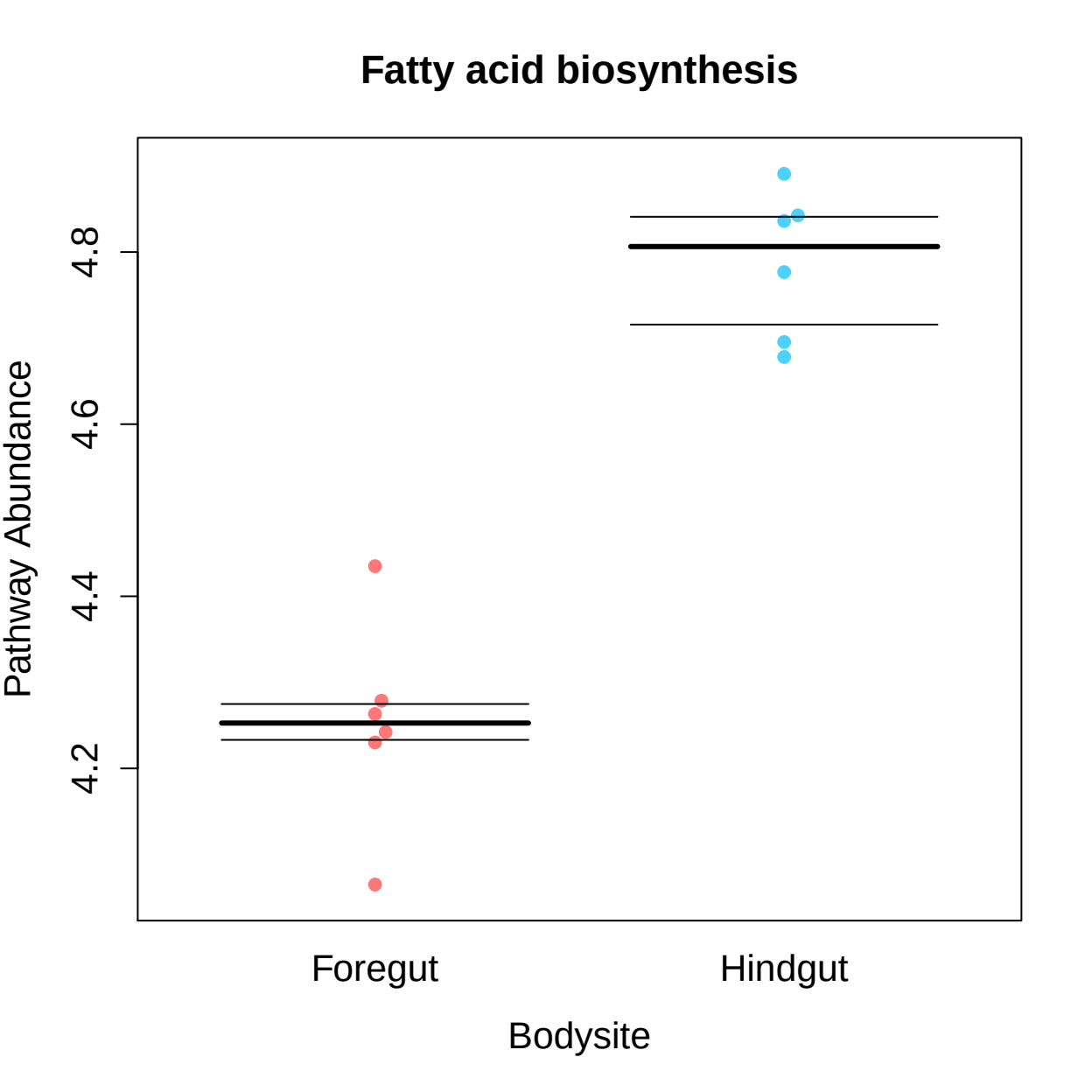

Signal transduction mechanisms
Pathway Abundance
4.1
4.2
4.3
4.4
4.5
4.6
4.7
4.8
Foregut
Hindgut
Bodysite

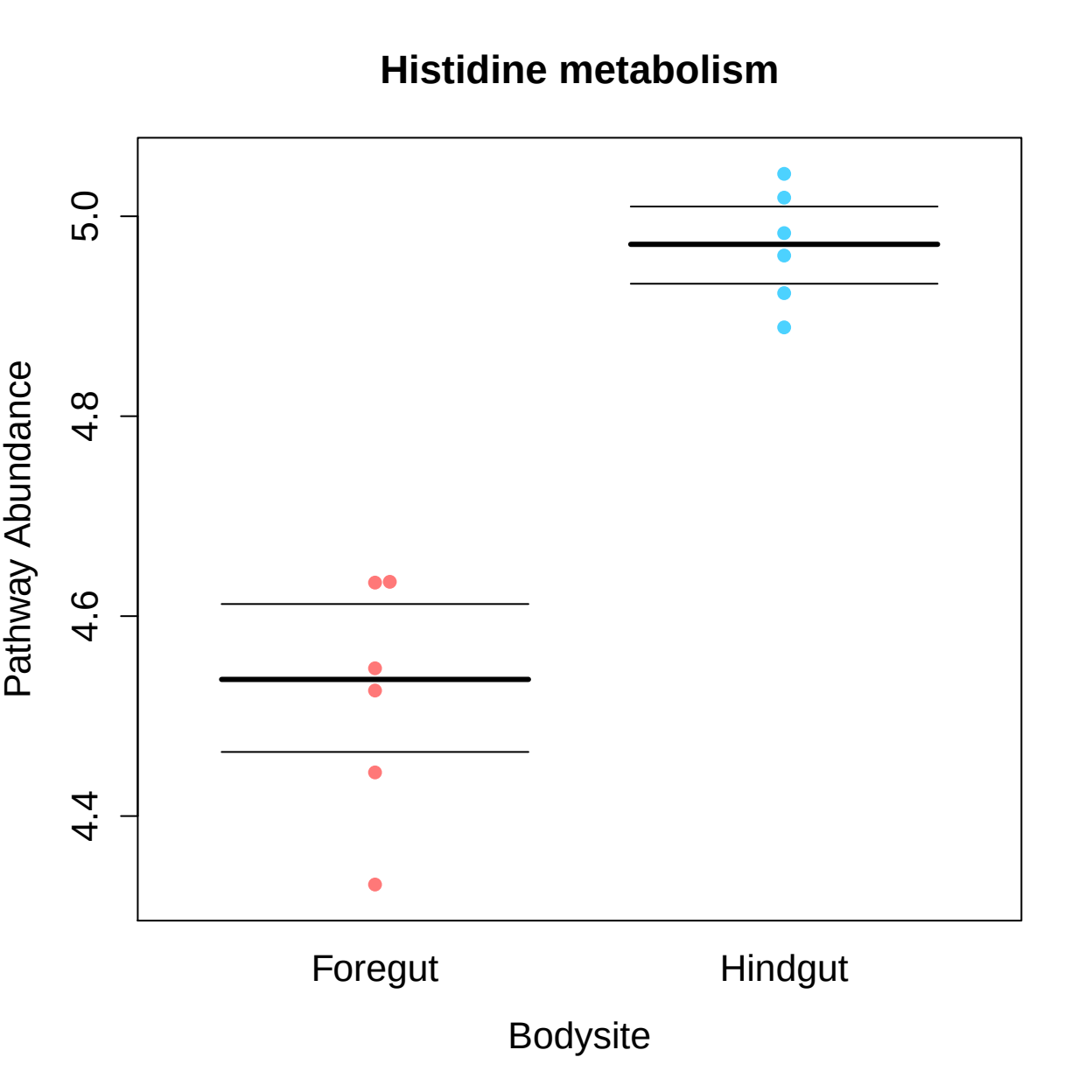

ABC transporters
Pathway Abundance
6.0
6.2
6.4
6.6
Foregut
Hindgut
Bodysite

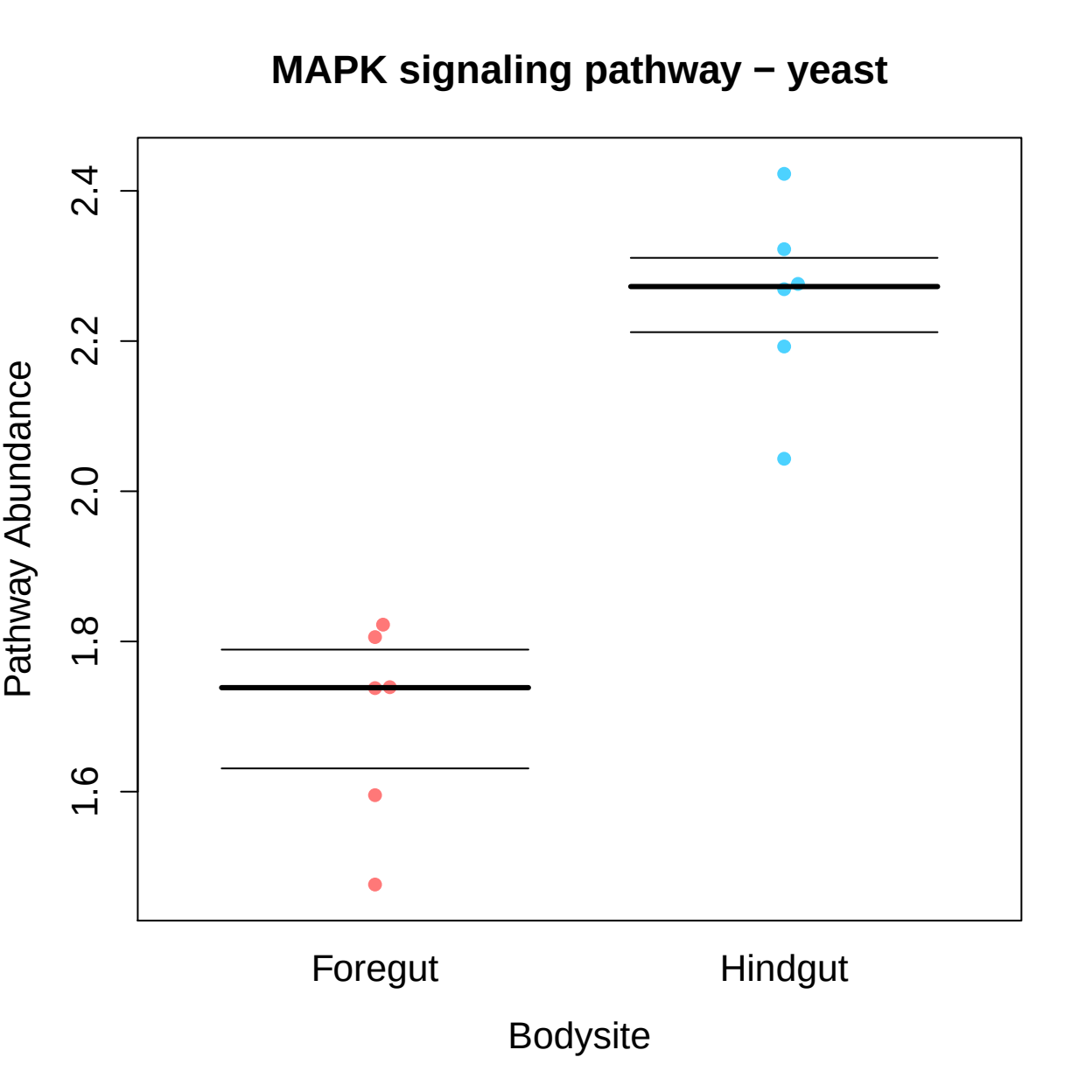

Apoptosis
Pathway Abundance
1
0
−1
−2
−3
−4
Foregut
Hindgut
Bodysite

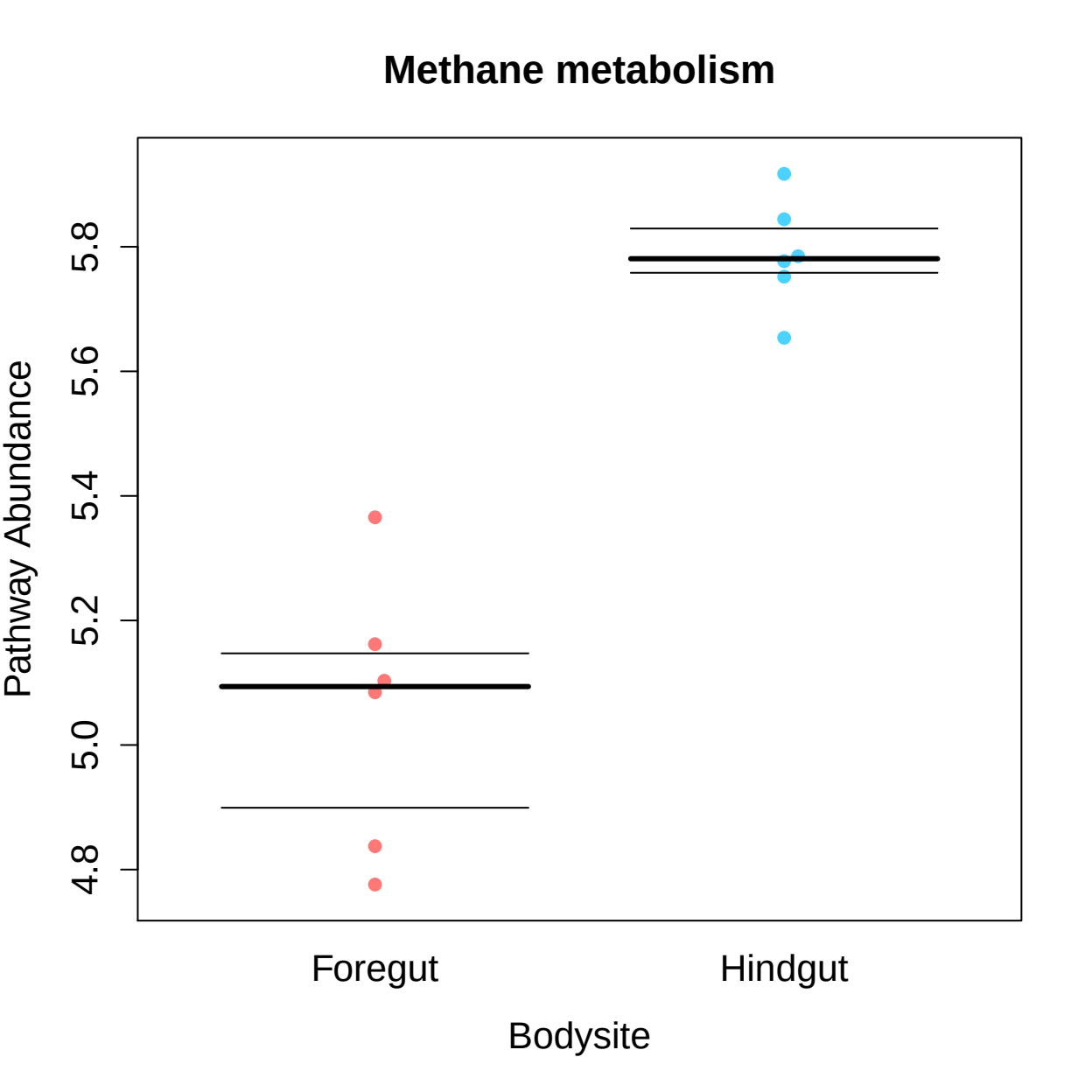

Biosynthesis of siderophore group nonribosomal peptide
Pathway Abundance
0.0
0.5
1.0
1.5
2.0
2.5
Foregut
Hindgut
Bodysite

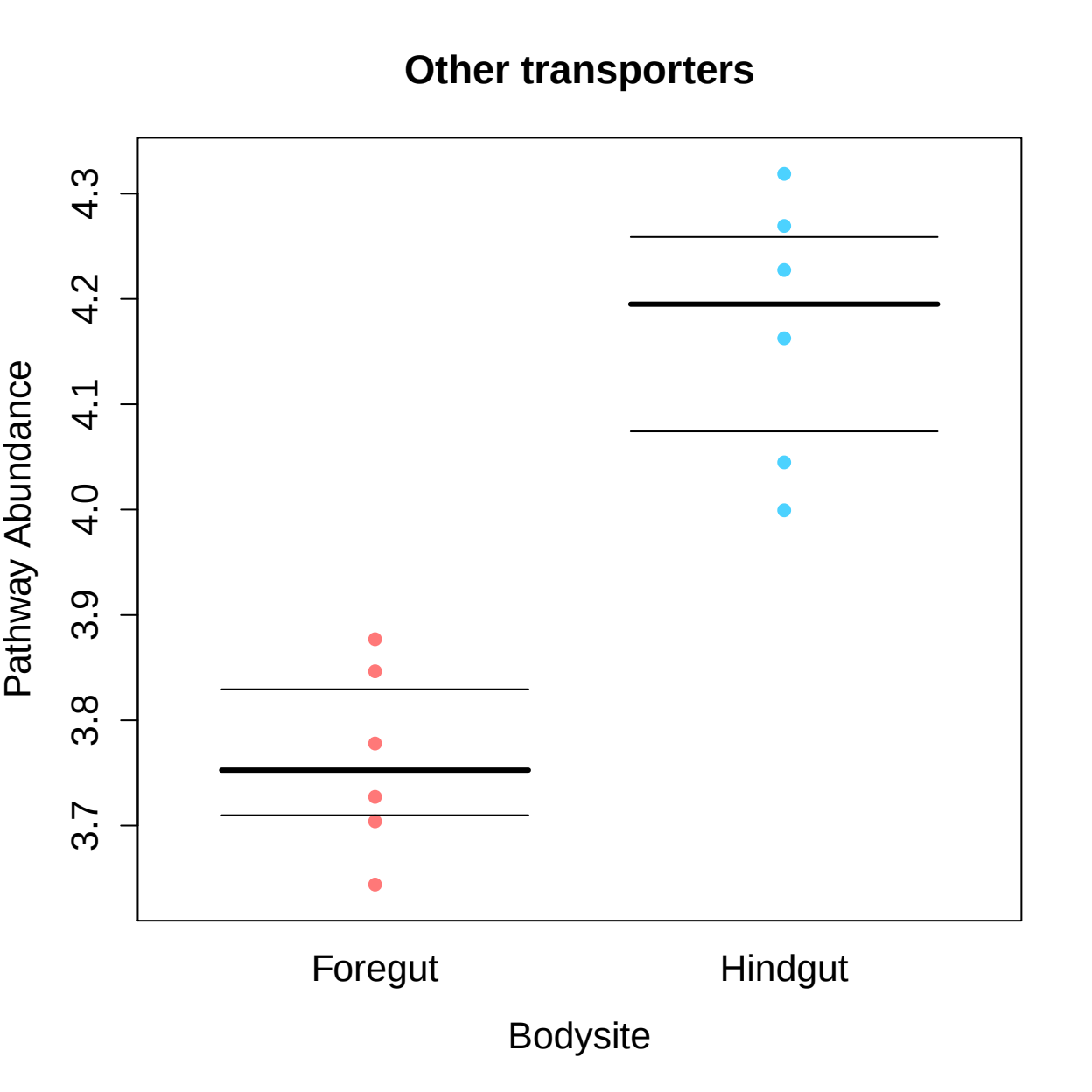

Cysteine and methionine metabolism
Pathway Abundance
4.6
4.8
5.0
5.2
5.4
Foregut
Hindgut
Bodysite

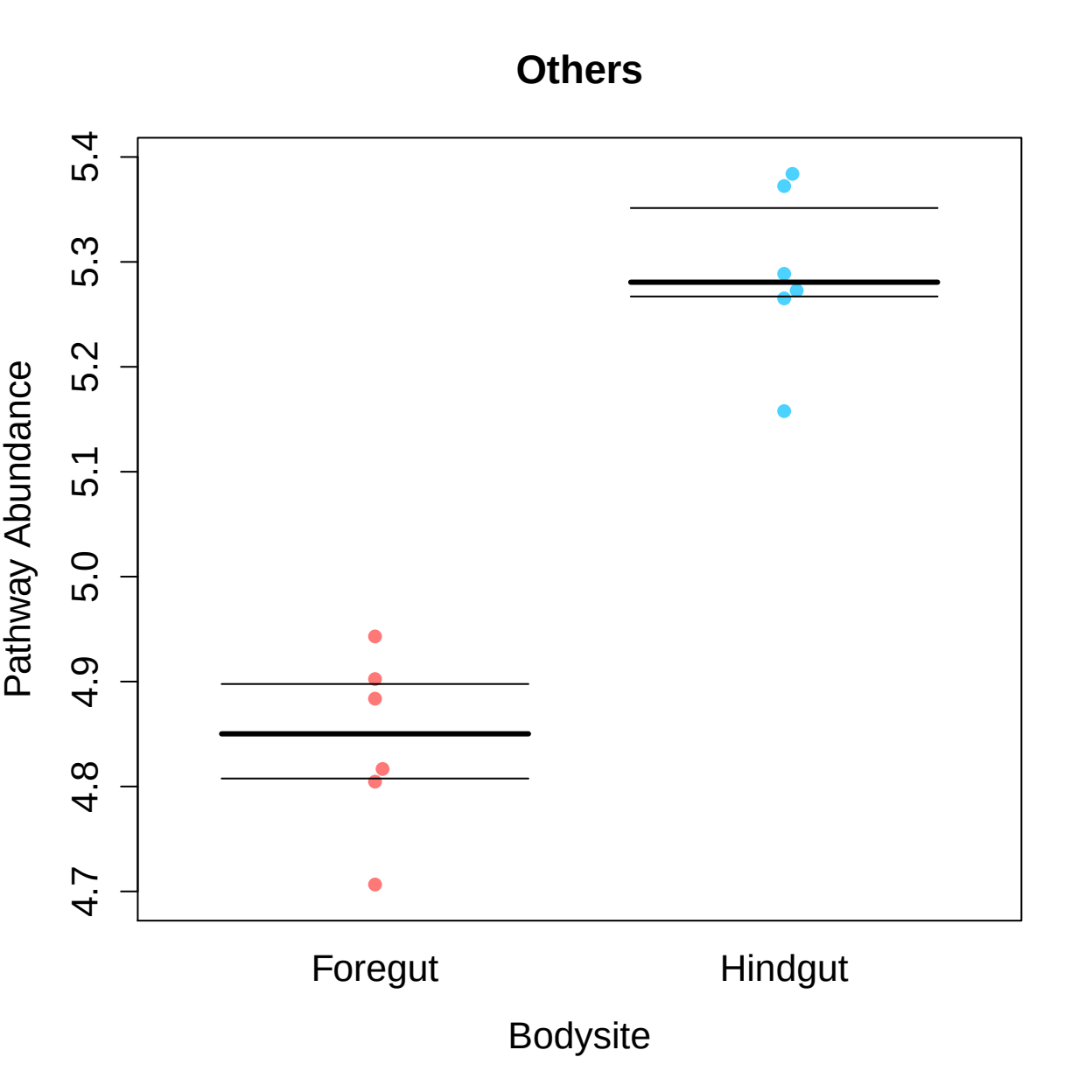

Fatty acid biosynthesis
Pathway Abundance
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

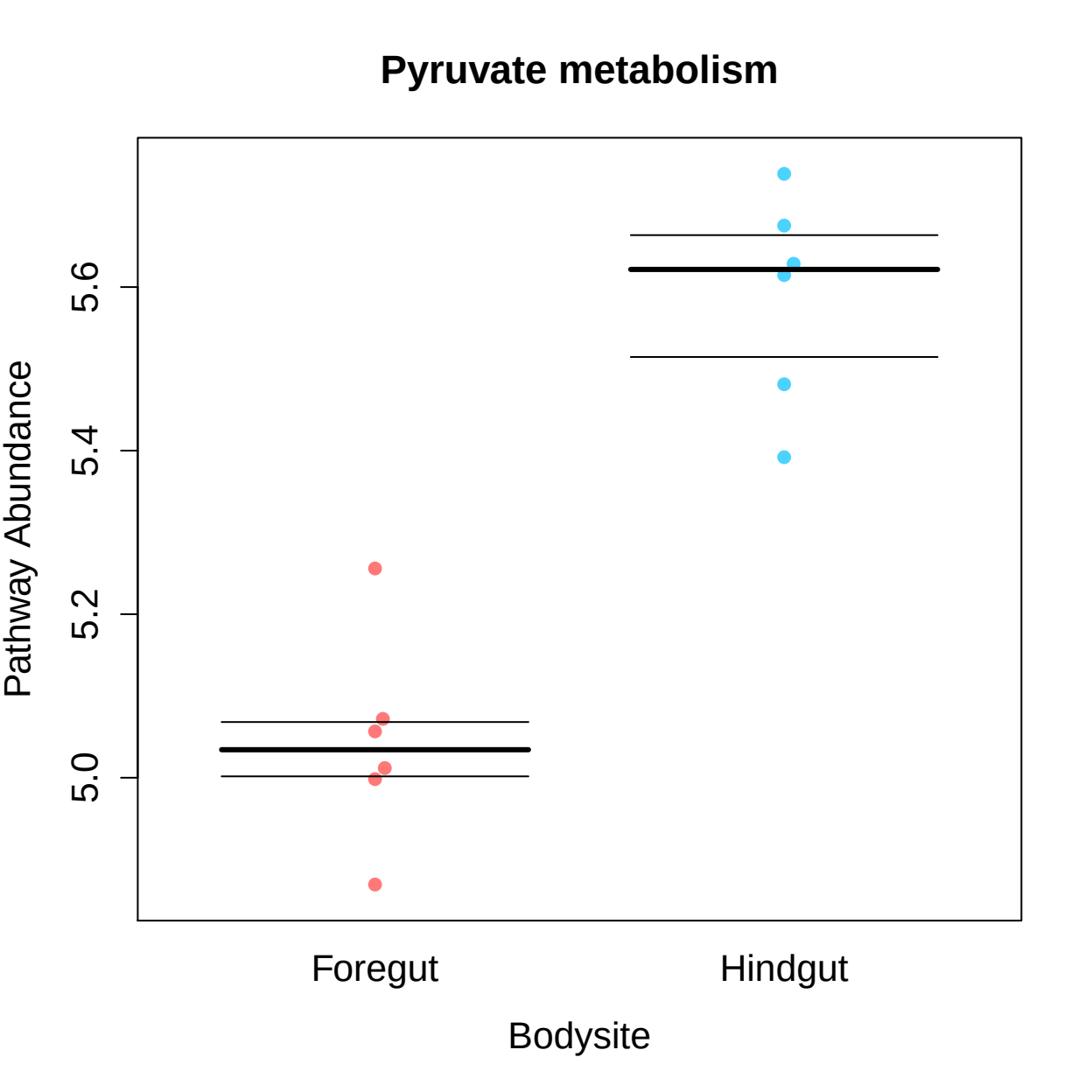

Histidine metabolism
Pathway Abundance
5.0
4.8
4.6
4.4
Foregut
Hindgut
Bodysite

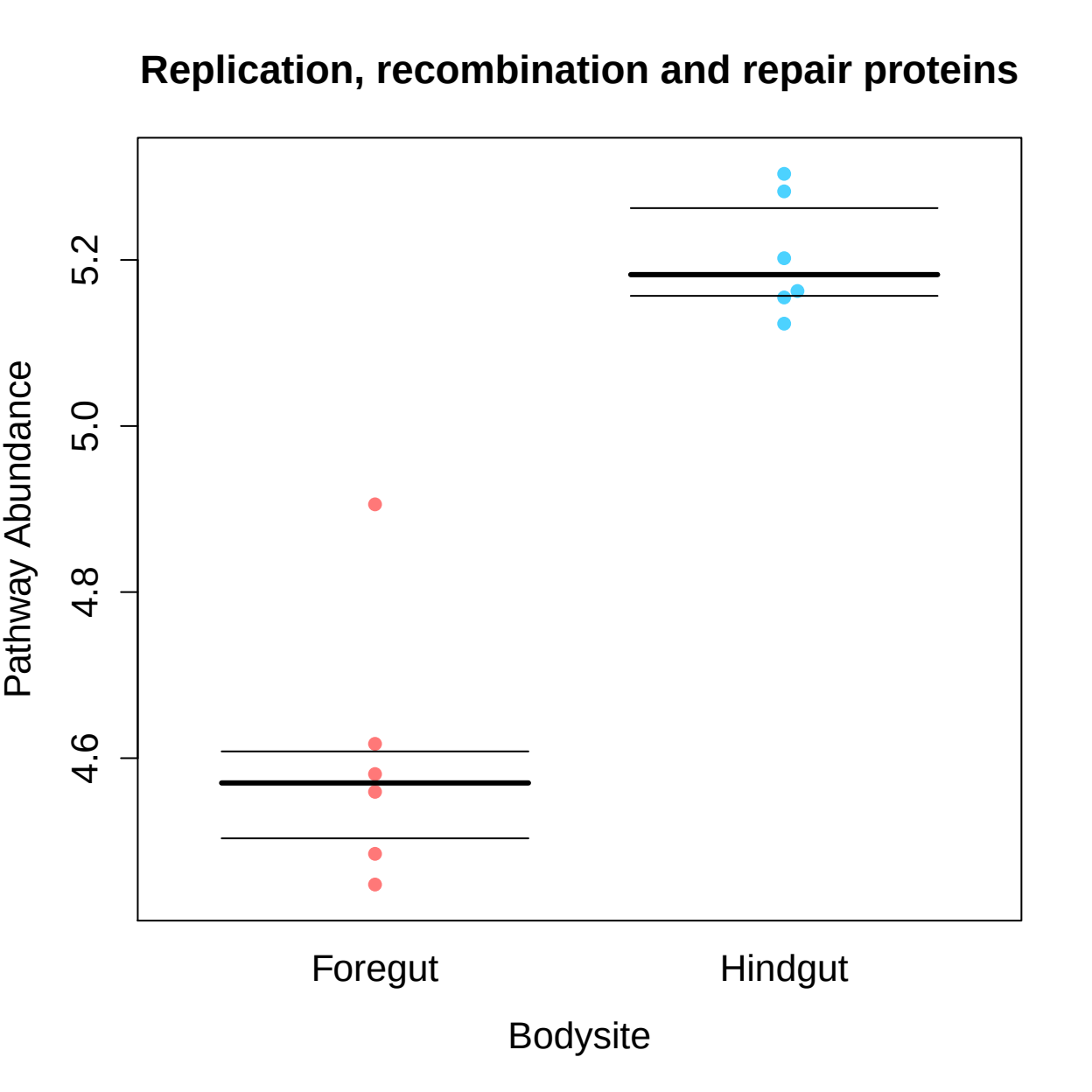

MAPK signaling pathway − yeast
Pathway Abundance
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

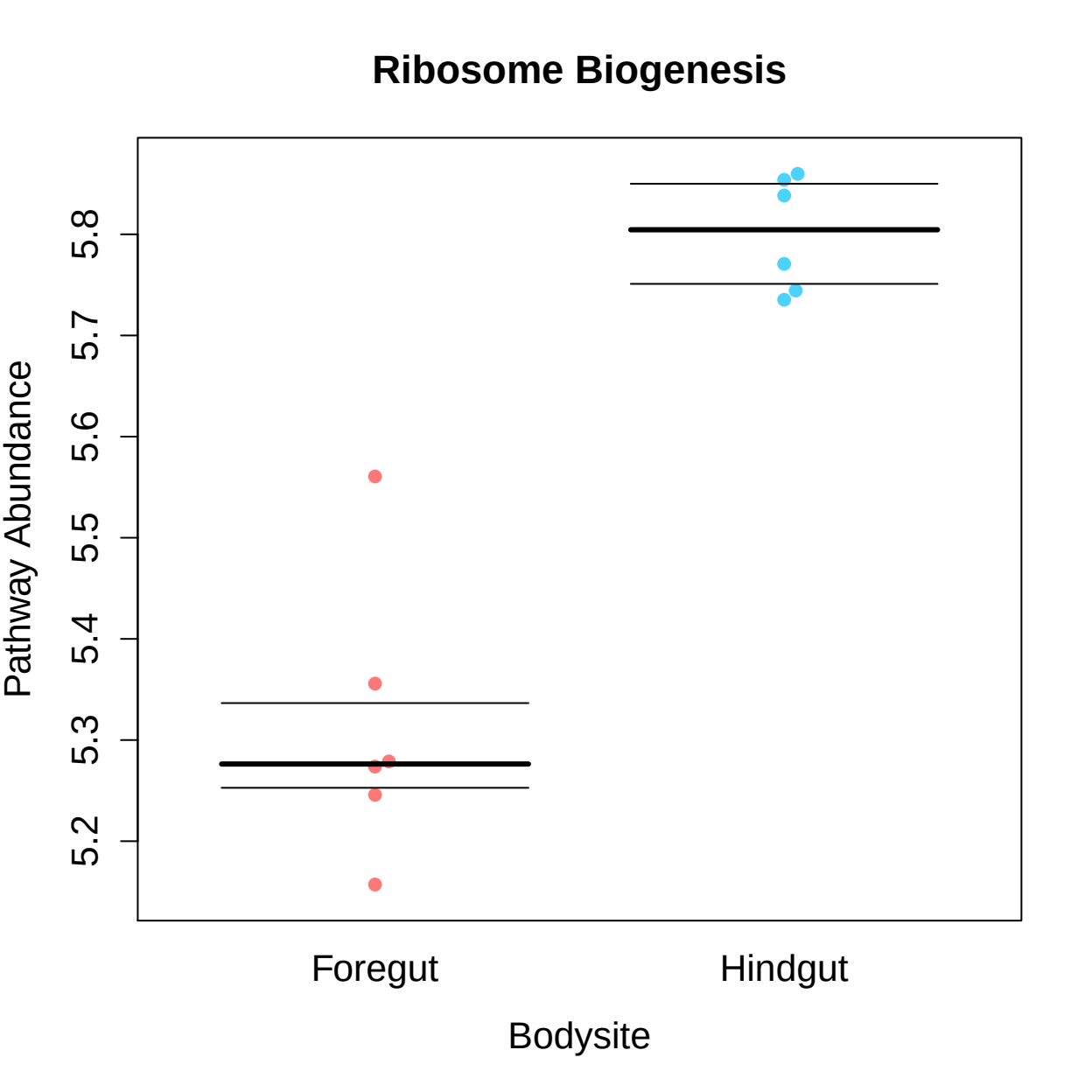

Methane metabolism
Pathway Abundance
4.8
5.0
5.2
5.4
5.6
5.8
Foregut
Hindgut
Bodysite

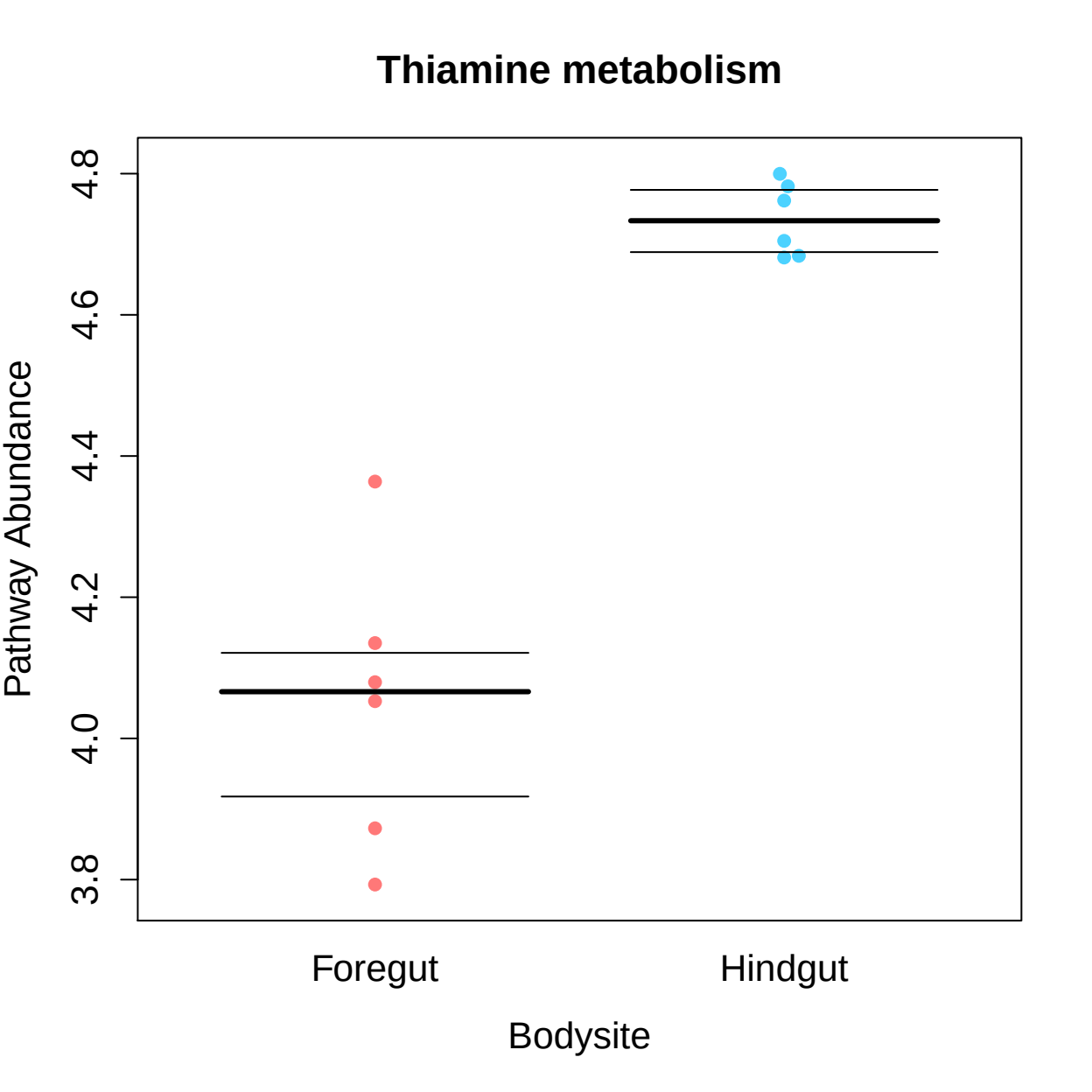

Other transporters
Pathway Abundance
3.7
3.8
3.9
4.0
4.1
4.2
4.3
Foregut
Hindgut
Bodysite

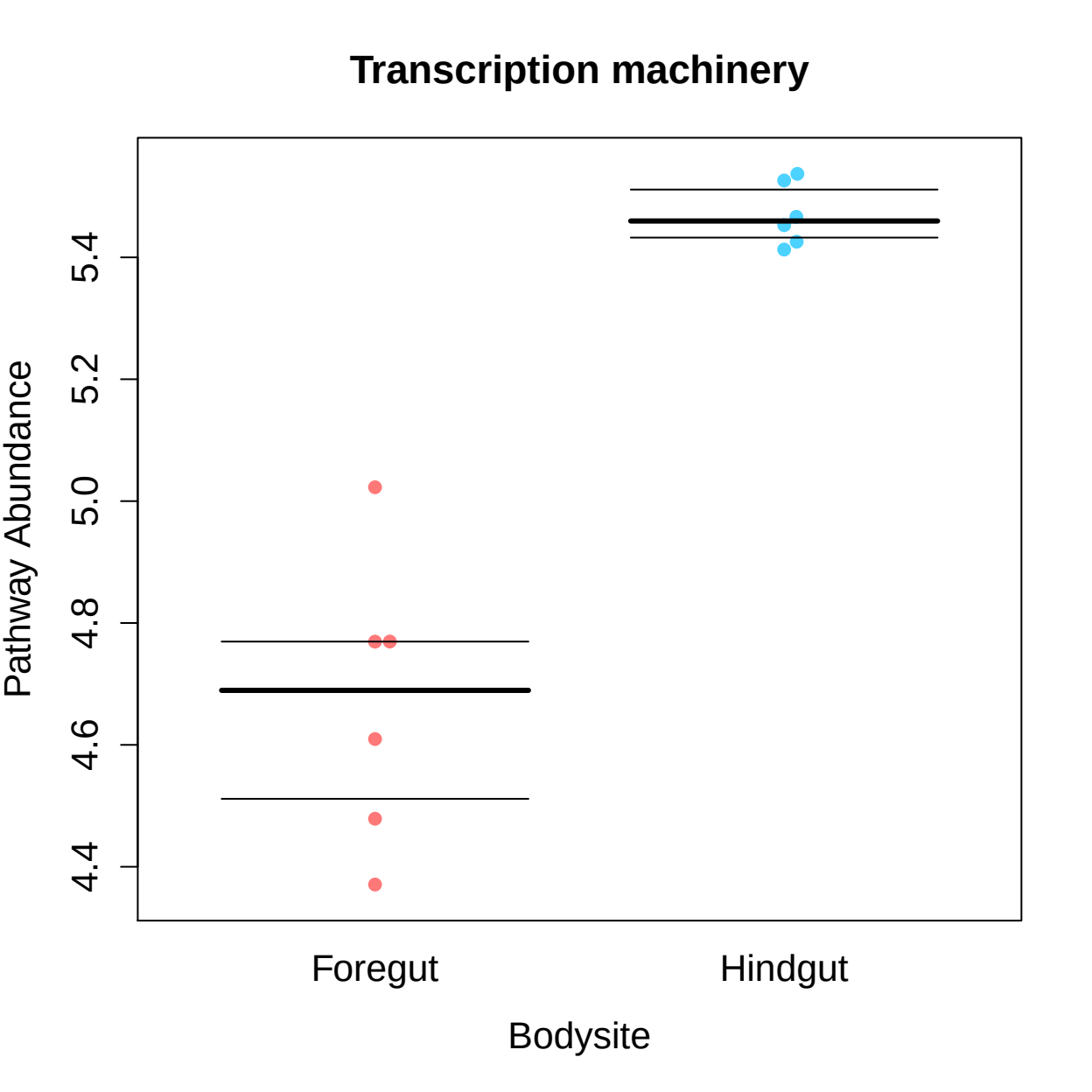

Others
Pathway Abundance
4.7
4.8
4.9
5.0
5.1
5.2
5.3
5.4
Foregut
Hindgut
Bodysite

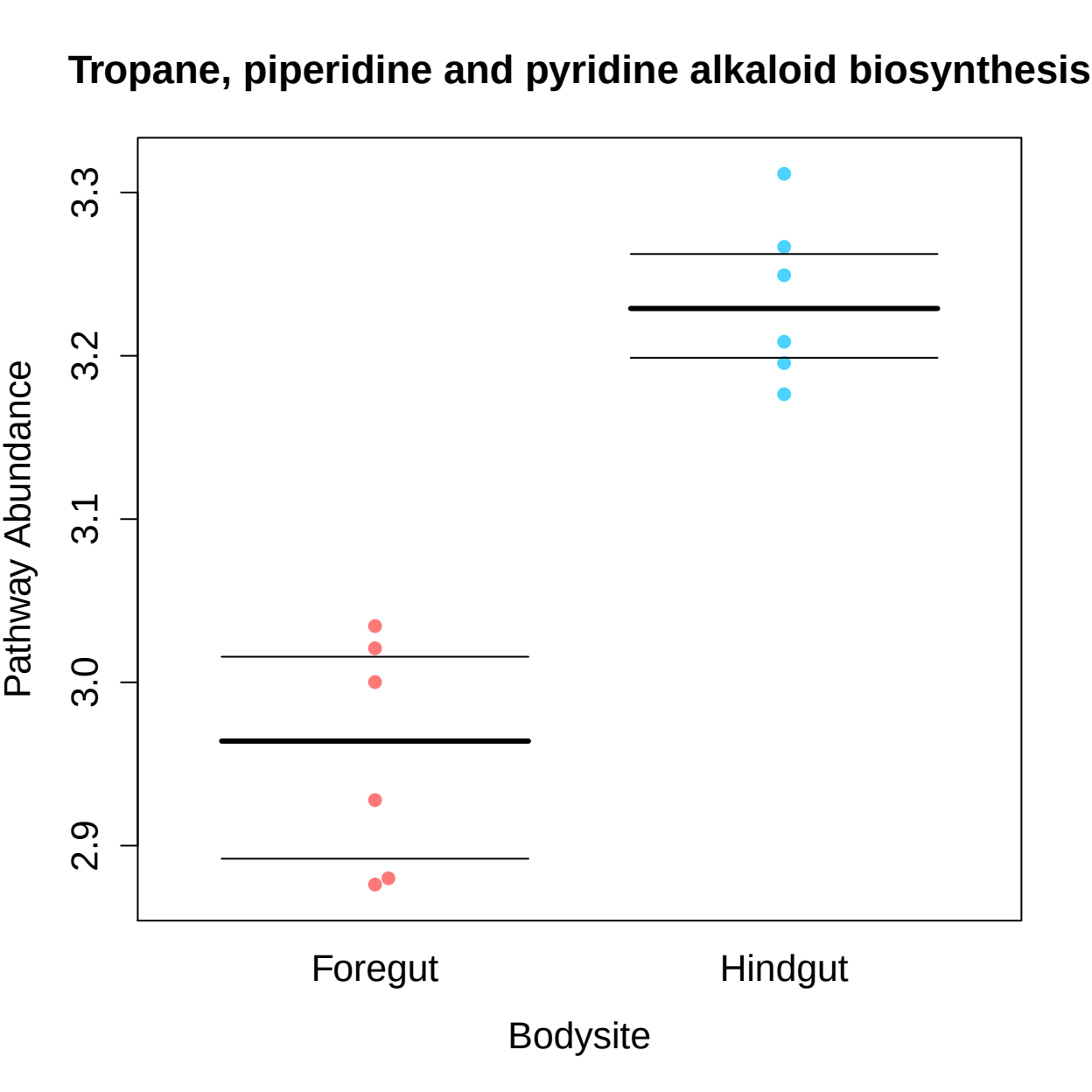

Pyruvate metabolism
Pathway Abundance
5.0
5.2
5.4
5.6
Foregut
Hindgut
Bodysite

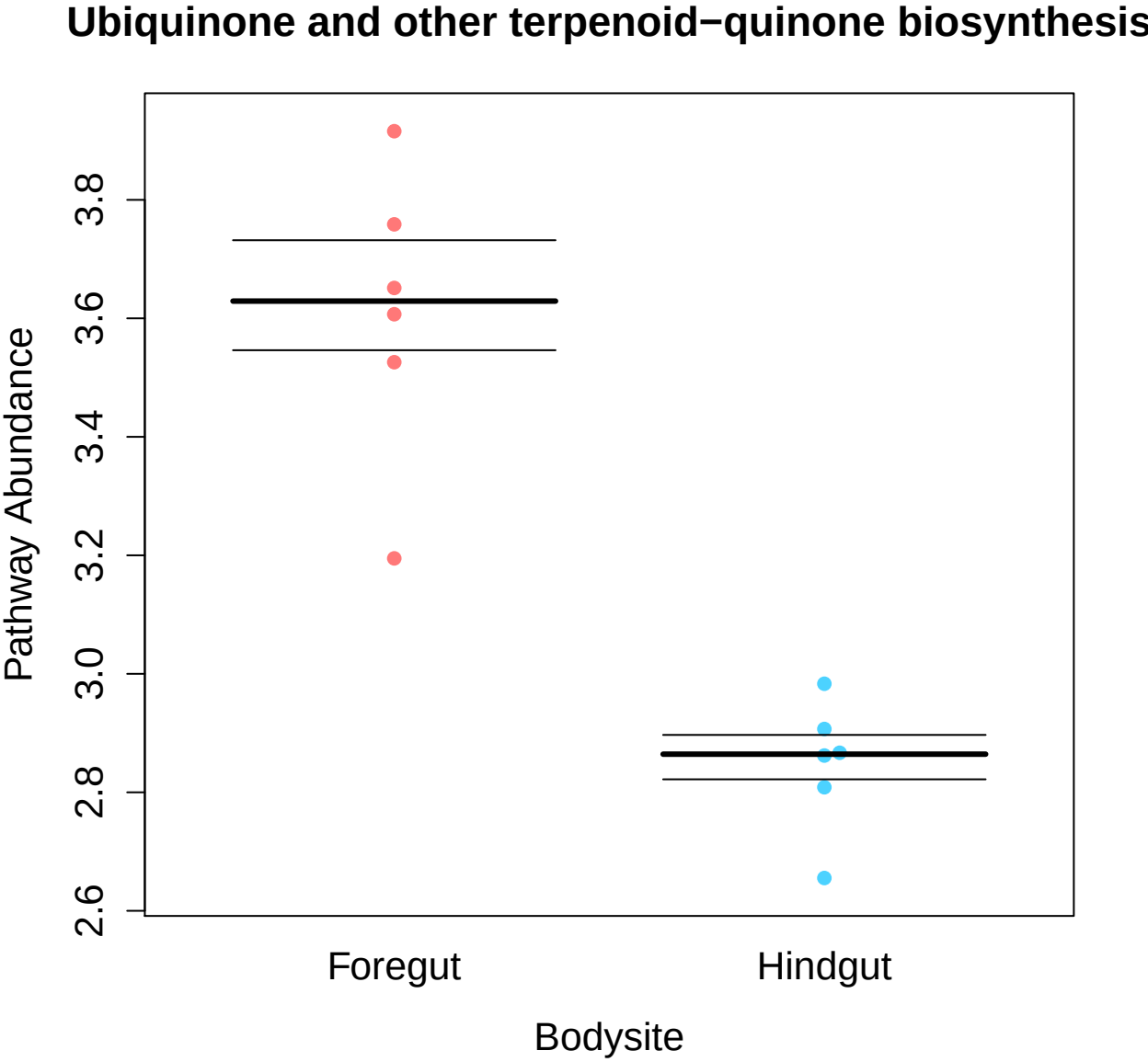

Replication, recombination and repair proteins
Pathway Abundance
4.6
4.8
5.0
5.2
Foregut
Hindgut
Bodysite

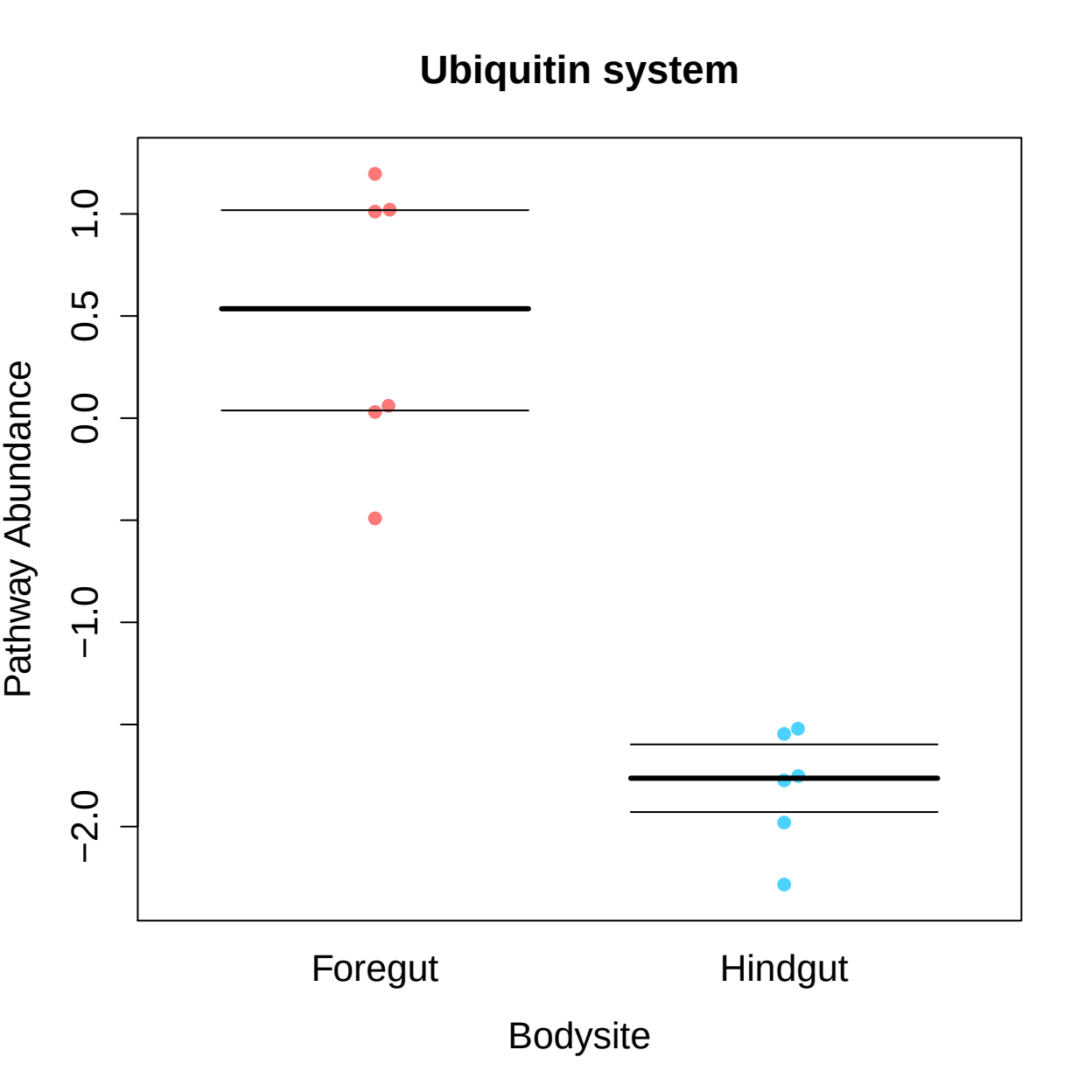

Ribosome Biogenesis
Pathway Abundance
5.2
5.3
5.4
5.5
5.6
5.7
5.8
Foregut
Hindgut
Bodysite

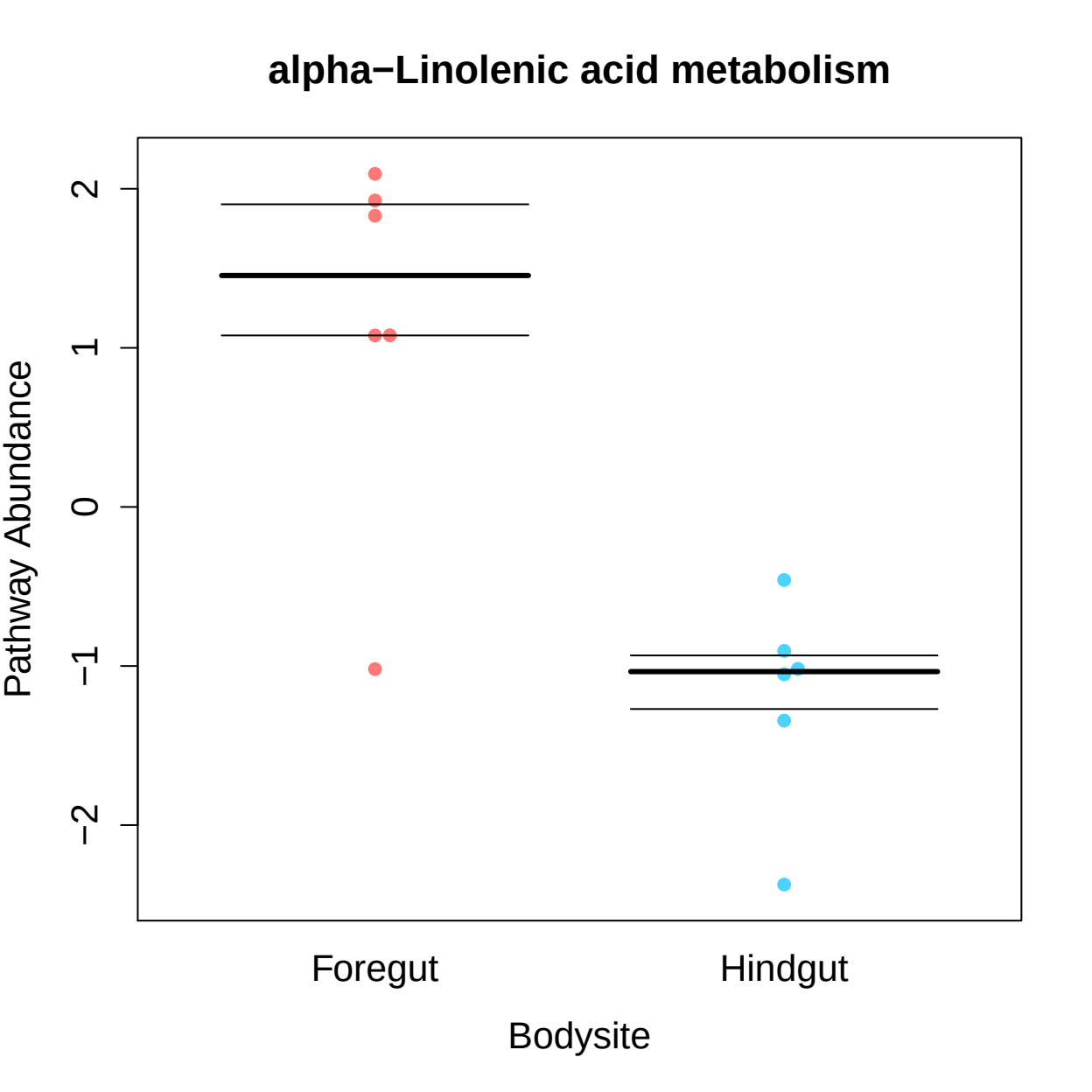

Thiamine metabolism
Pathway Abundance
4.8
4.6
4.4
4.2
4.0
3.8
Foregut
Hindgut
Bodysite

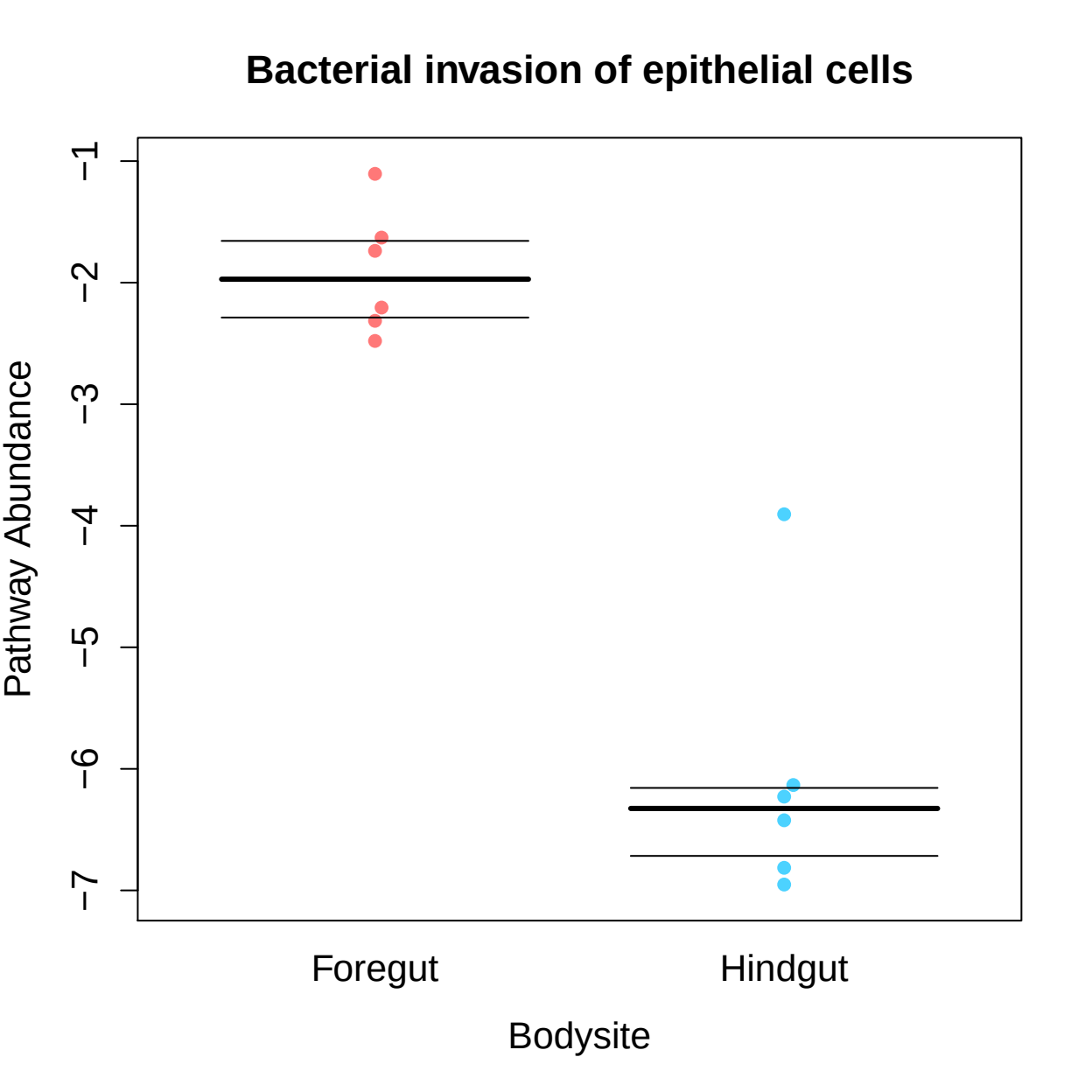

Transcription machinery
Pathway Abundance
4.4
4.6
4.8
5.0
5.2
5.4
Foregut
Hindgut
Bodysite

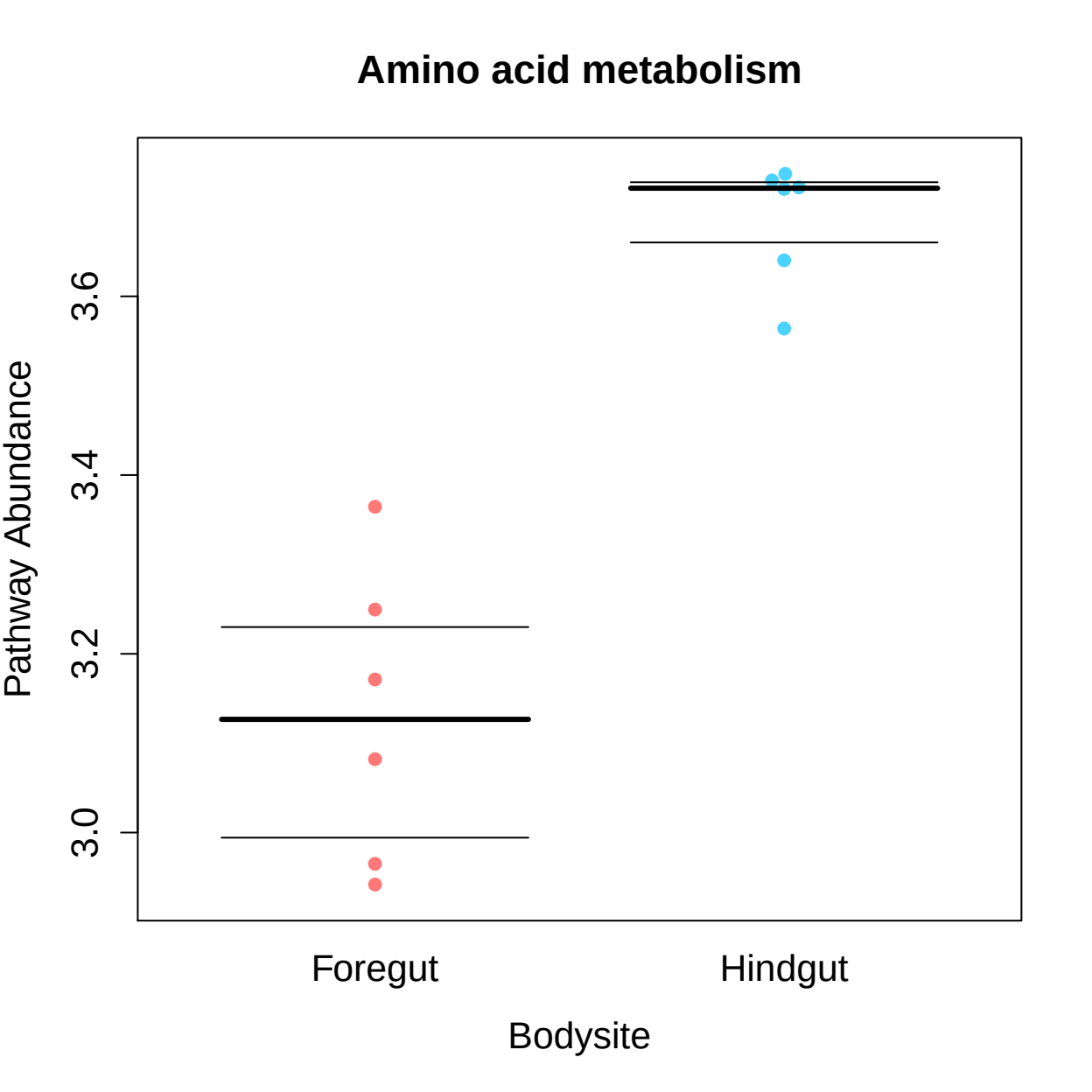

Tropane, piperidine and pyridine alkaloid biosynthesis
Pathway Abundance
3.3
3.2
3.1
3.0
2.9
Foregut
Hindgut
Bodysite

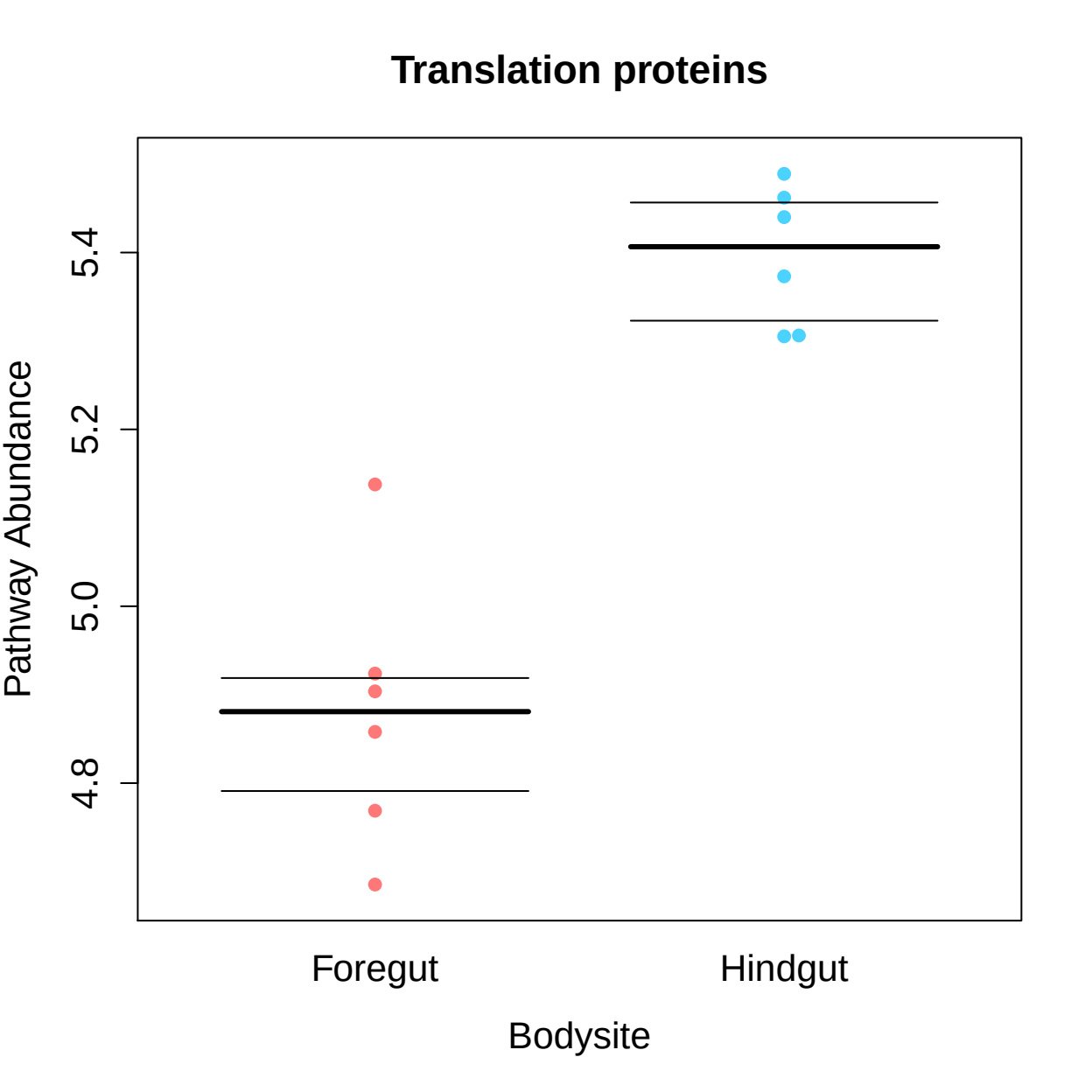

Ubiquinone and other terpenoid−quinone biosynthesis
Pathway Abundance
2.6
2.8
3.0
3.2
3.4
3.6
3.8
Foregut
Hindgut
Bodysite

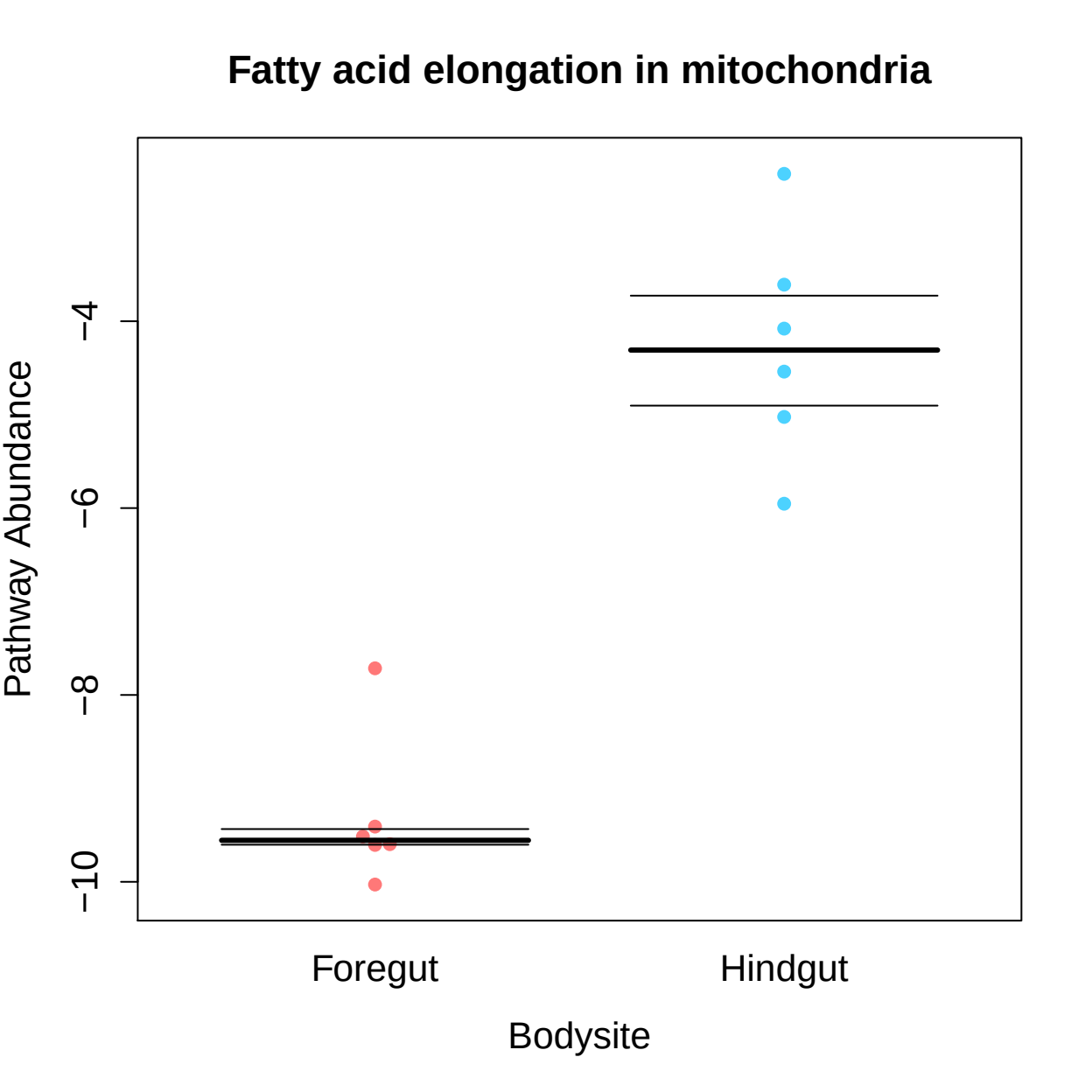

Ubiquitin system
Pathway Abundance
1.0
0.5
0.0
−1.0
−2.0
Foregut
Hindgut
Bodysite

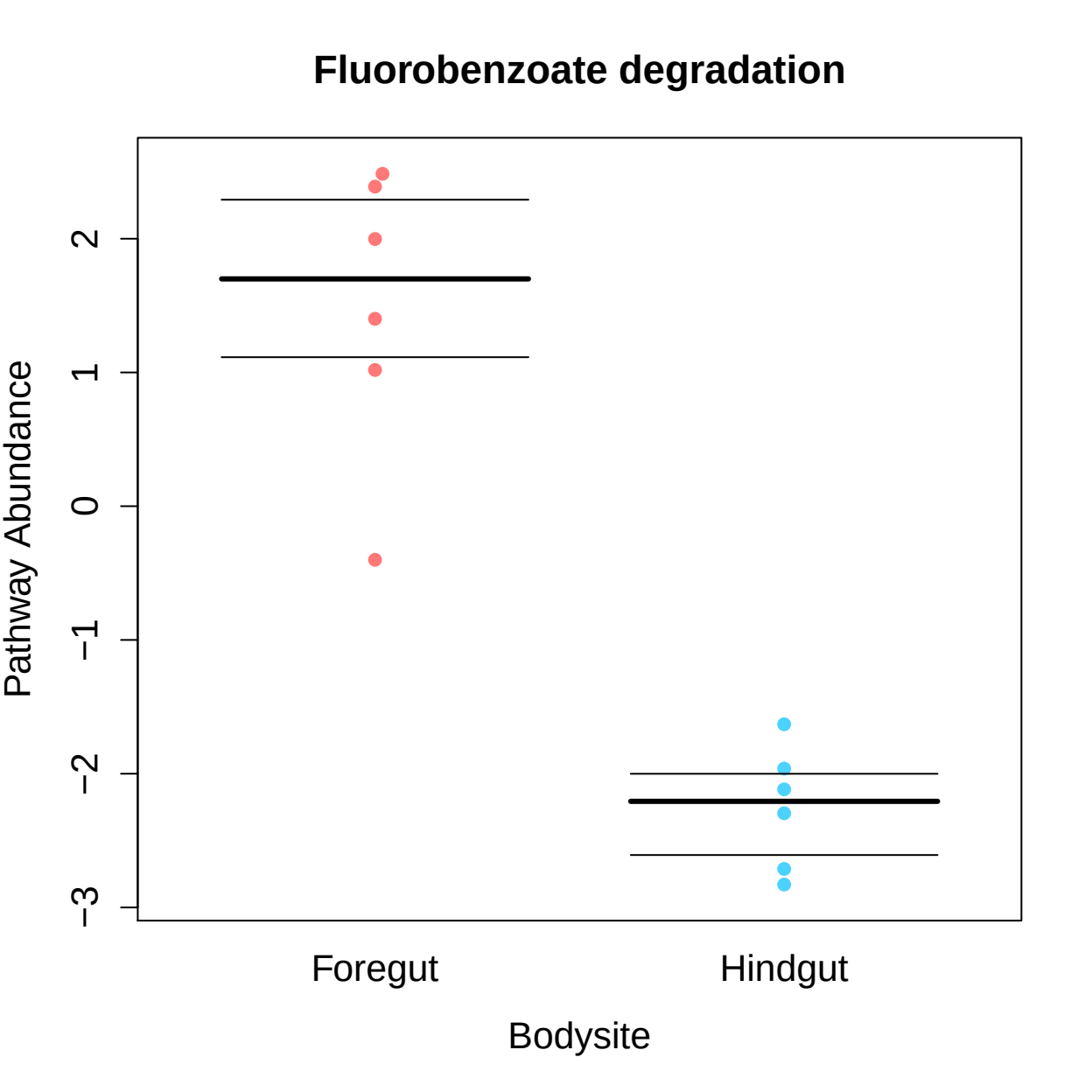

alpha−Linolenic acid metabolism
Pathway Abundance
2
1
0
−1
−2
Foregut
Hindgut
Bodysite

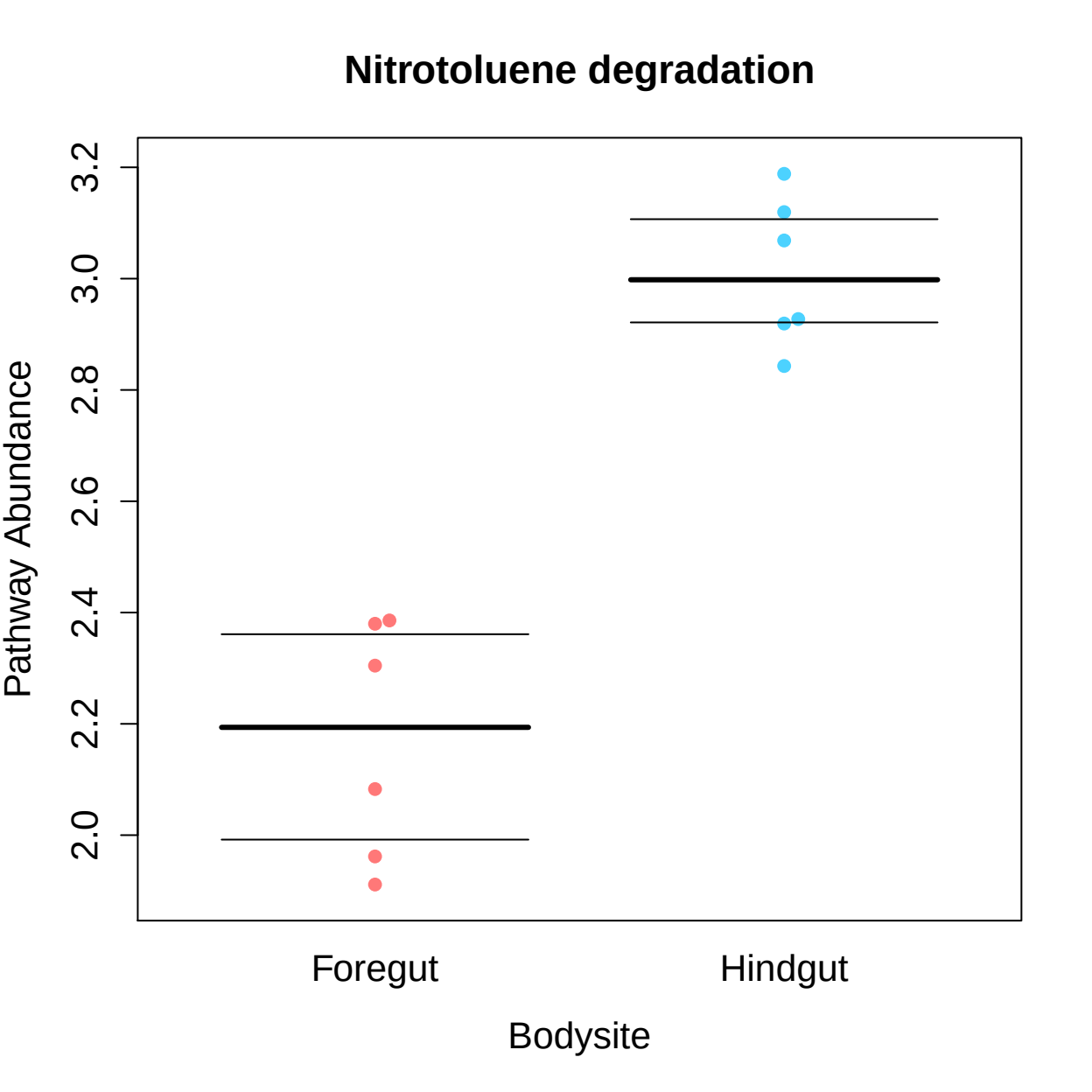

Bacterial invasion of epithelial cells
Pathway Abundance
−1
−2
−3
−4
−5
−6
−7
Foregut
Hindgut
Bodysite

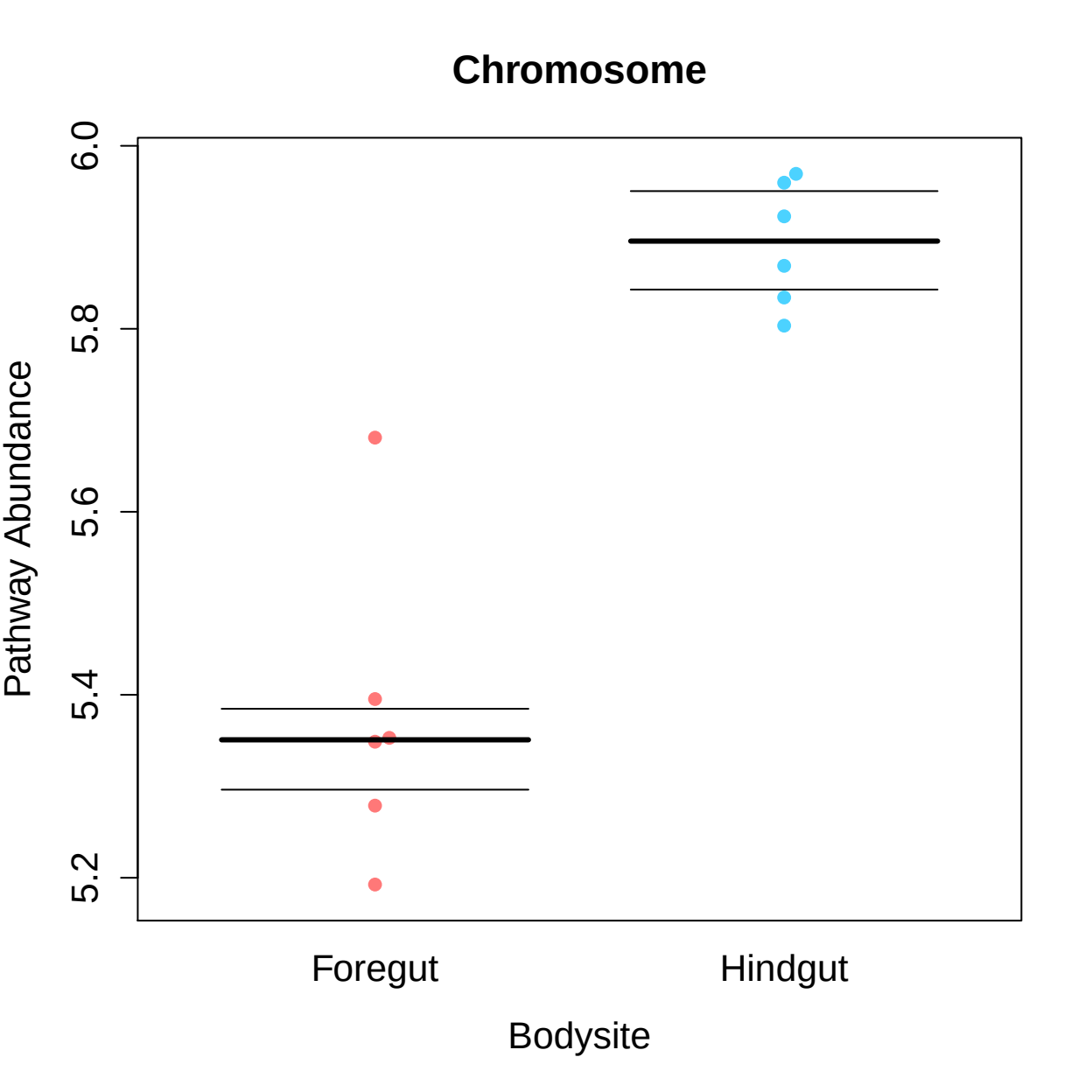

Amino acid metabolism
Pathway Abundance
3.0
3.2
3.4
3.6
Foregut
Hindgut
Bodysite

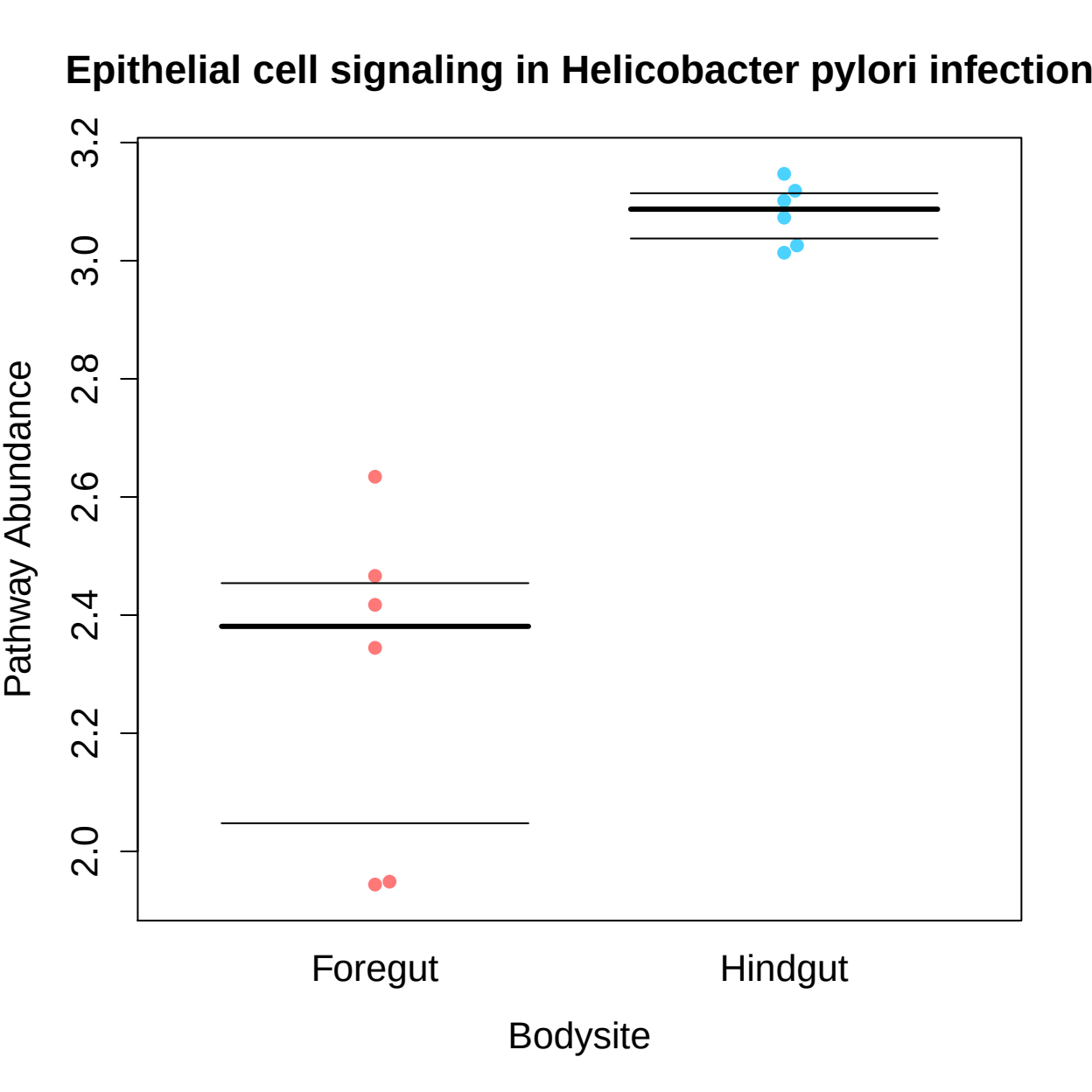

Translation proteins
Pathway Abundance
4.8
5.0
5.2
5.4
Foregut
Hindgut
Bodysite

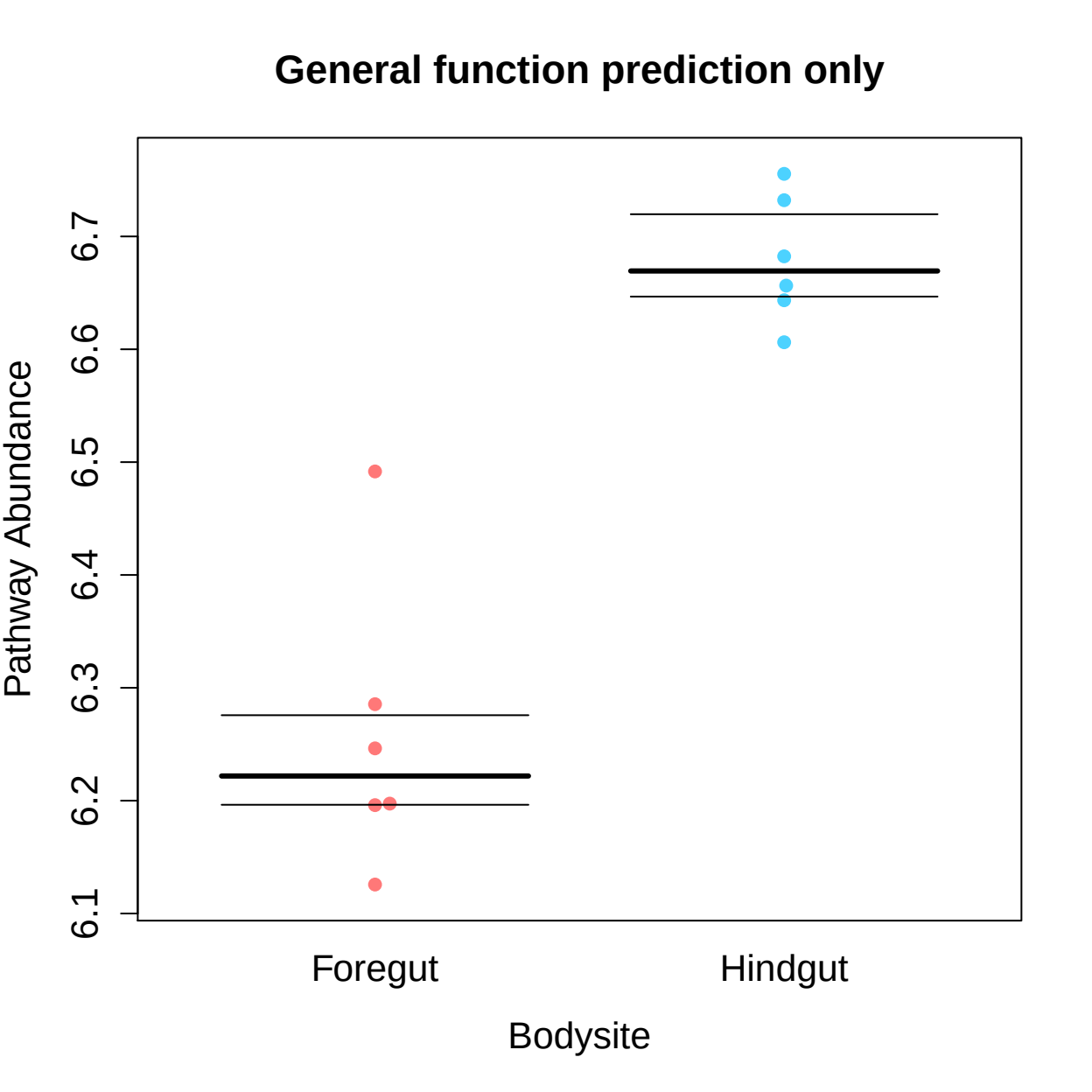

Fatty acid elongation in mitochondria
Pathway Abundance
−4
−6
−8
−10
Foregut
Hindgut
Bodysite

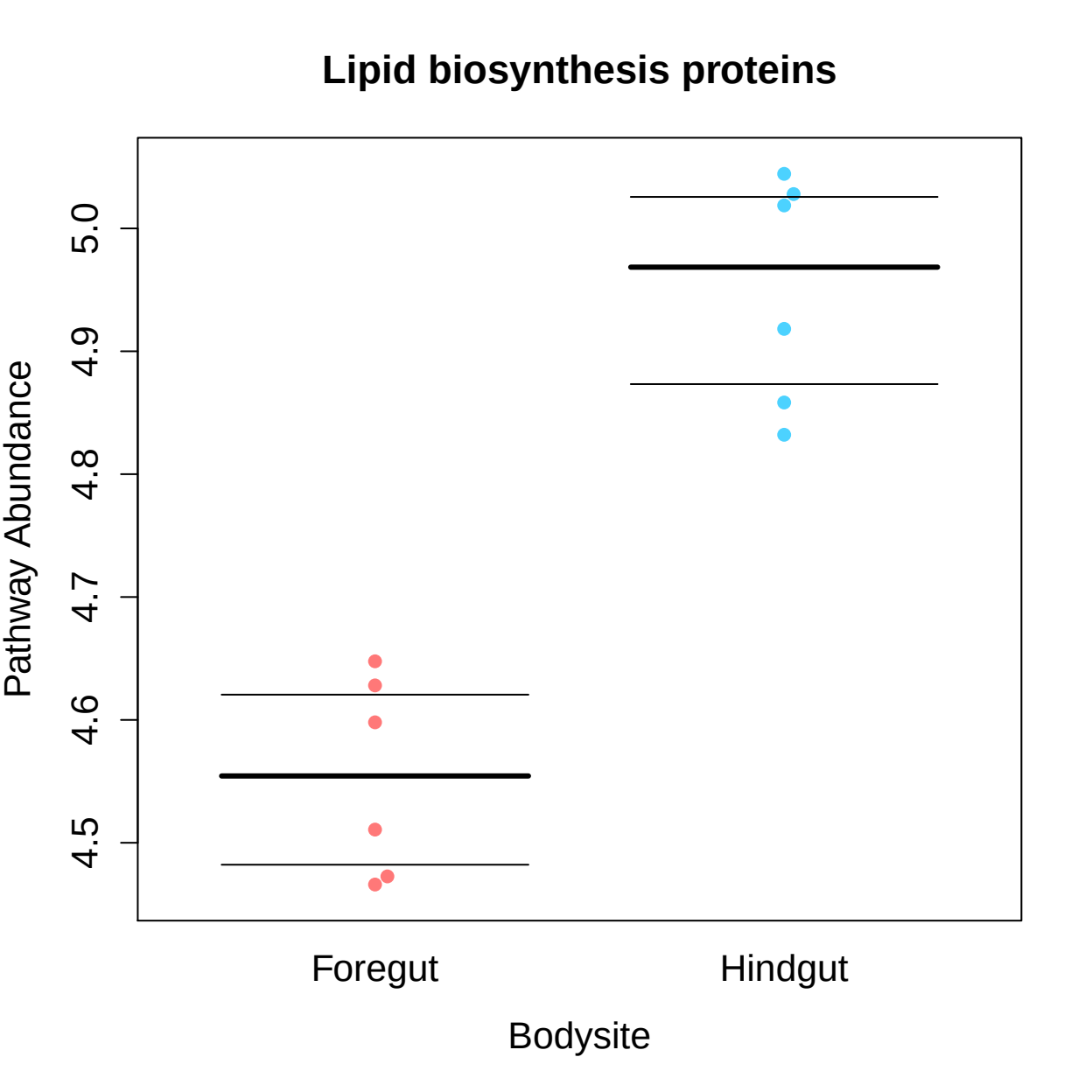

Fluorobenzoate degradation
Pathway Abundance
2
1
0
−1
−2
−3
Foregut
Hindgut
Bodysite

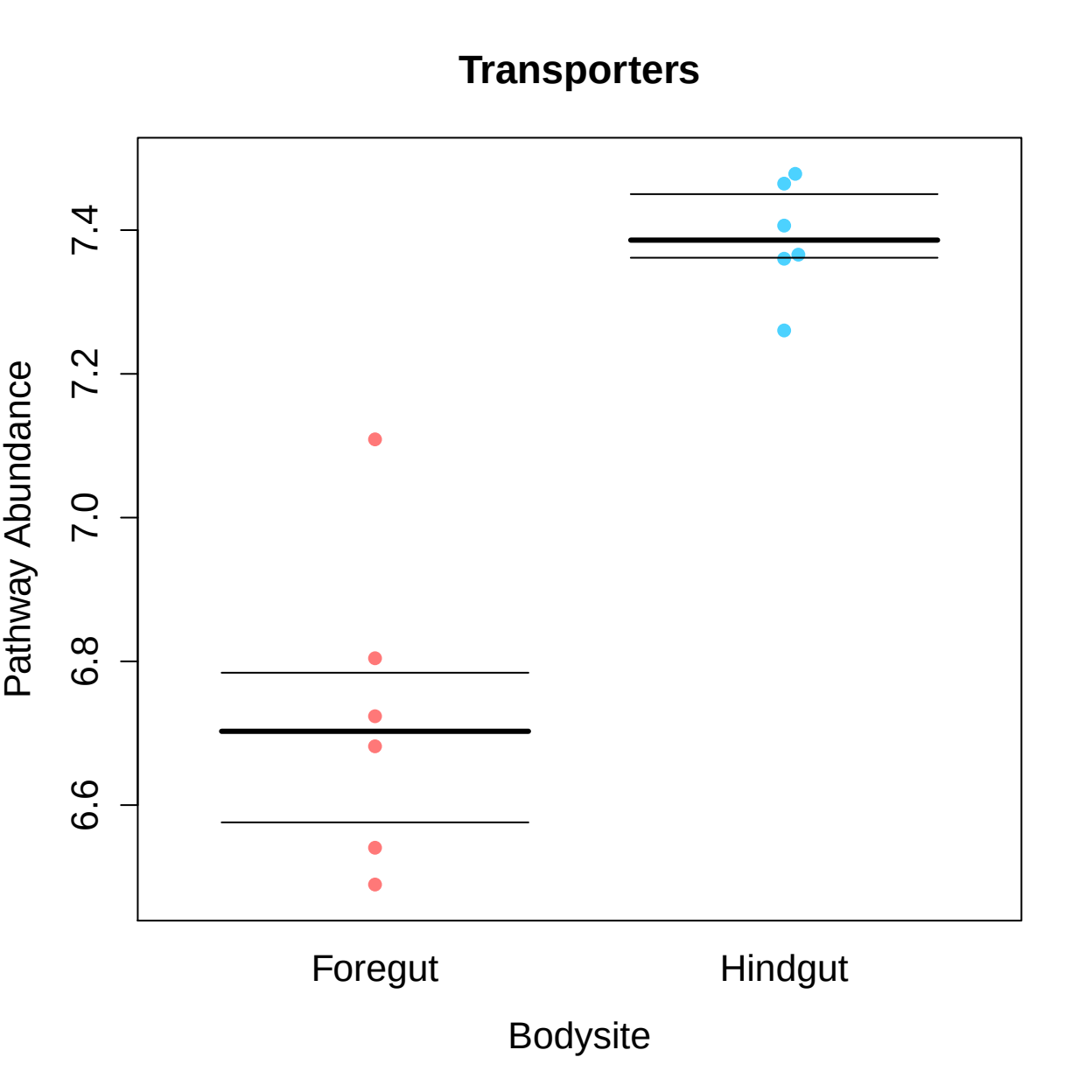

Nitrotoluene degradation
Pathway Abundance
2.0
2.2
2.4
2.6
2.8
3.0
3.2
Foregut
Hindgut
Bodysite

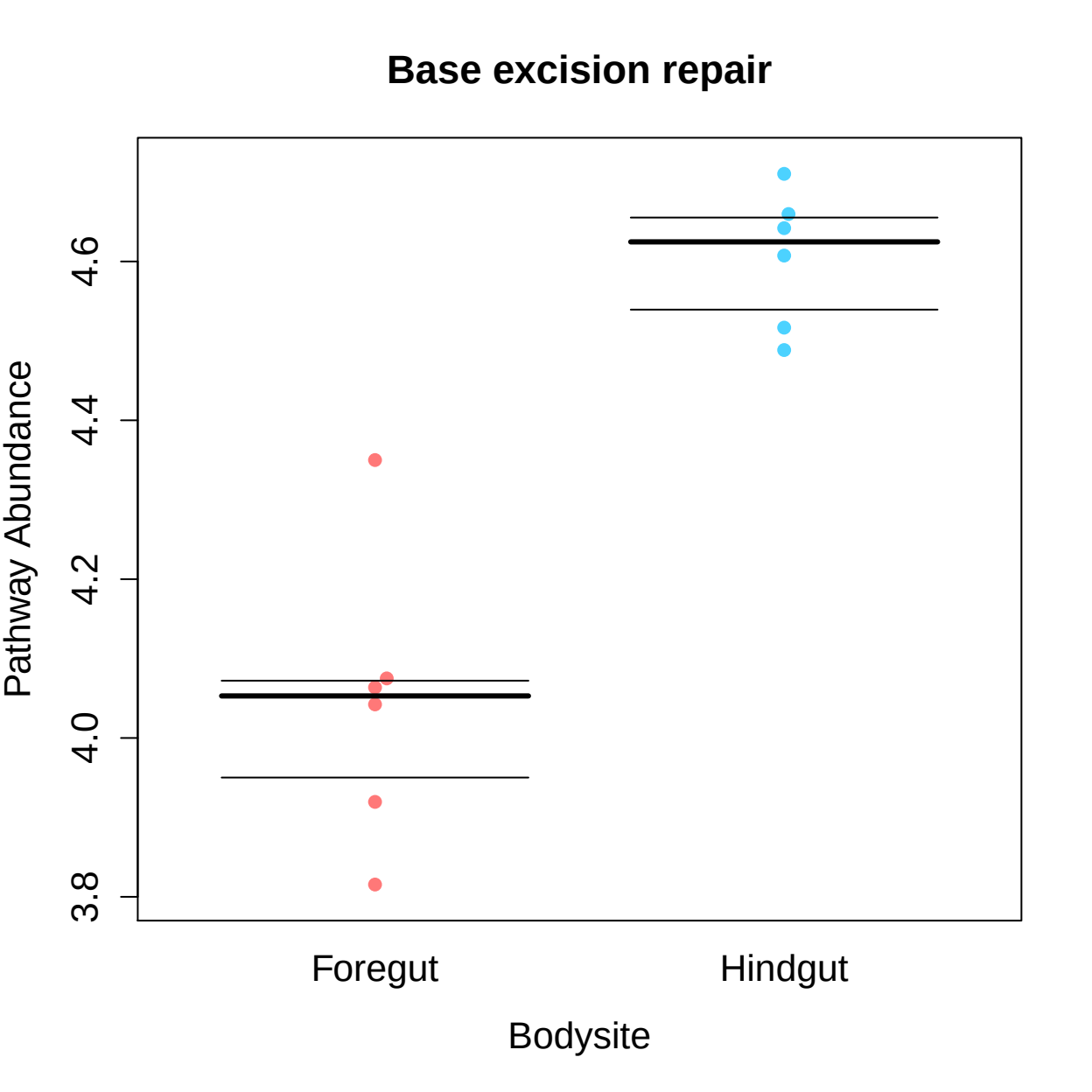

Chromosome
Pathway Abundance
6.0
5.8
5.6
5.4
5.2
Foregut
Hindgut
Bodysite

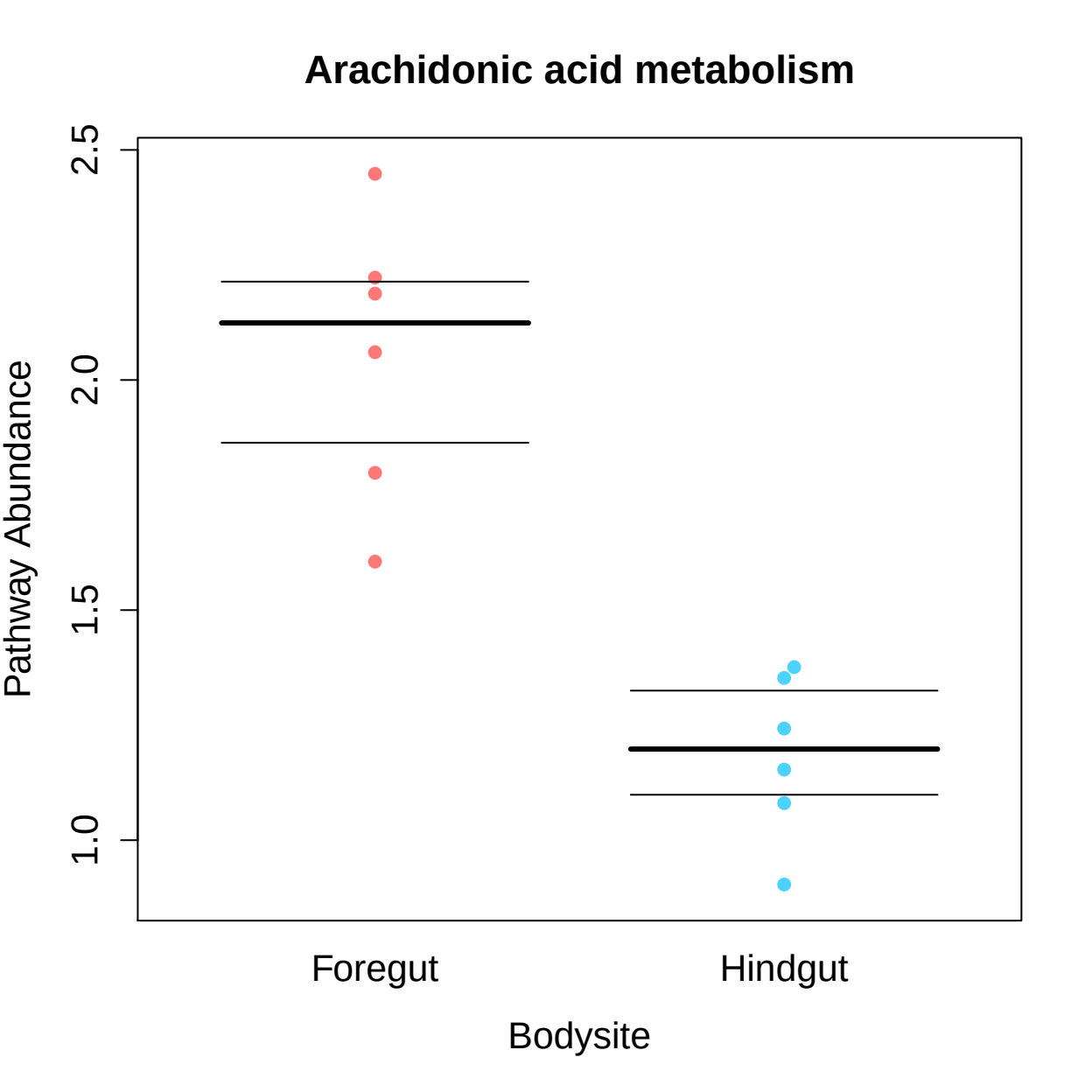

Epithelial cell signaling in Helicobacter pylori infection
Pathway Abundance
2.0
2.2
2.4
2.6
2.8
3.0
3.2
Foregut
Hindgut
Bodysite

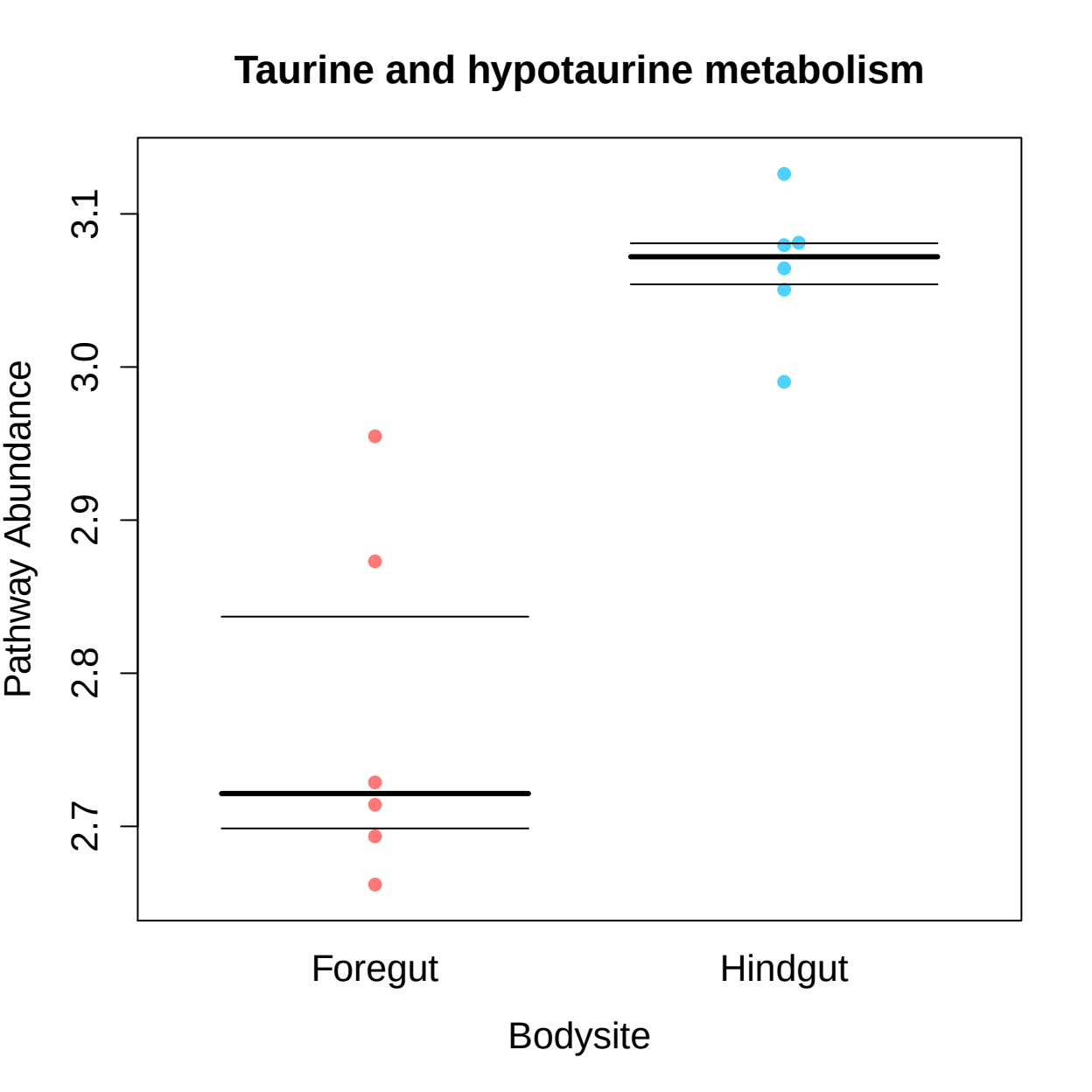

General function prediction only
Pathway Abundance
6.1
6.2
6.3
6.4
6.5
6.6
6.7
Foregut
Hindgut
Bodysite

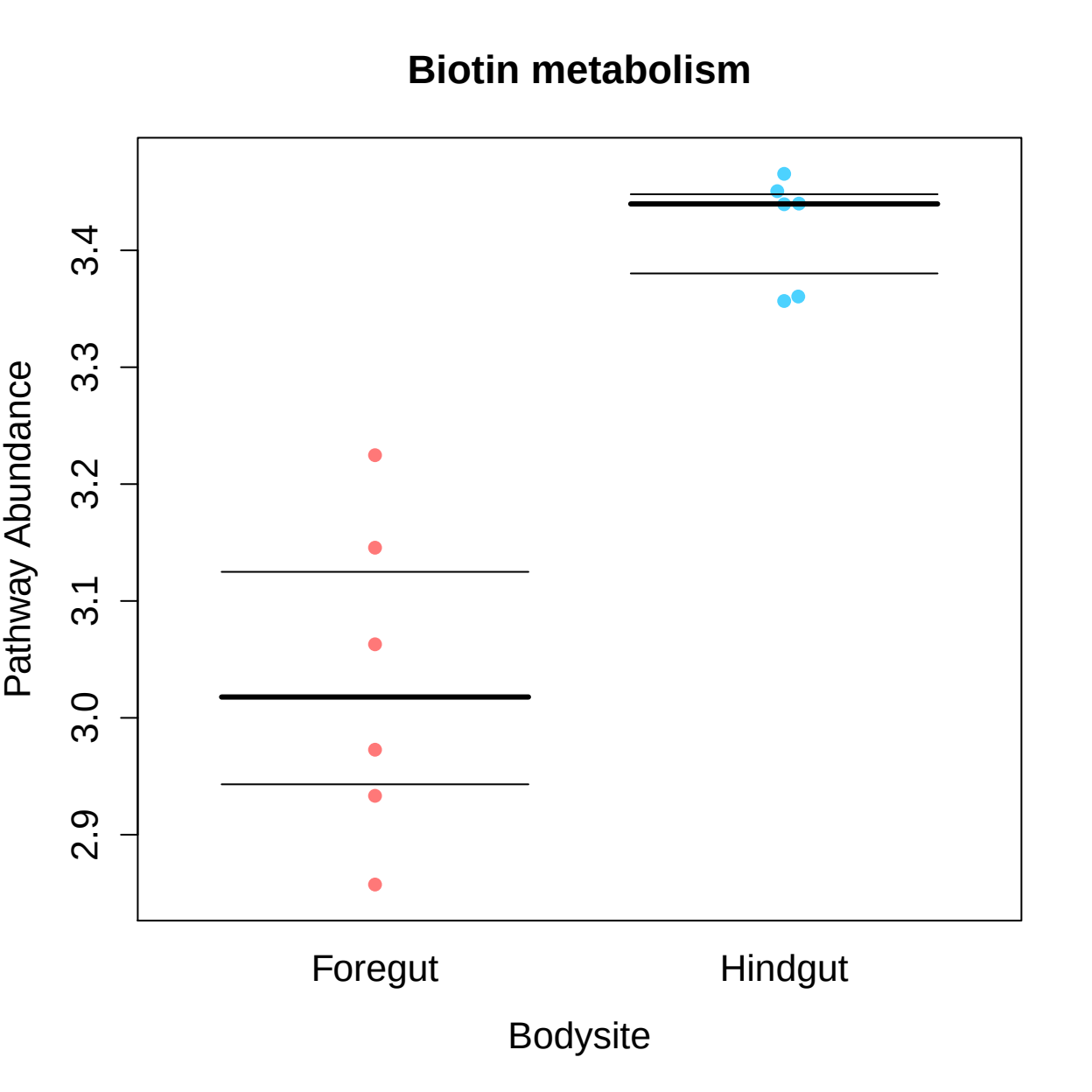

Lipid biosynthesis proteins
Pathway Abundance
4.5
4.6
4.7
4.8
4.9
5.0
Foregut
Hindgut
Bodysite

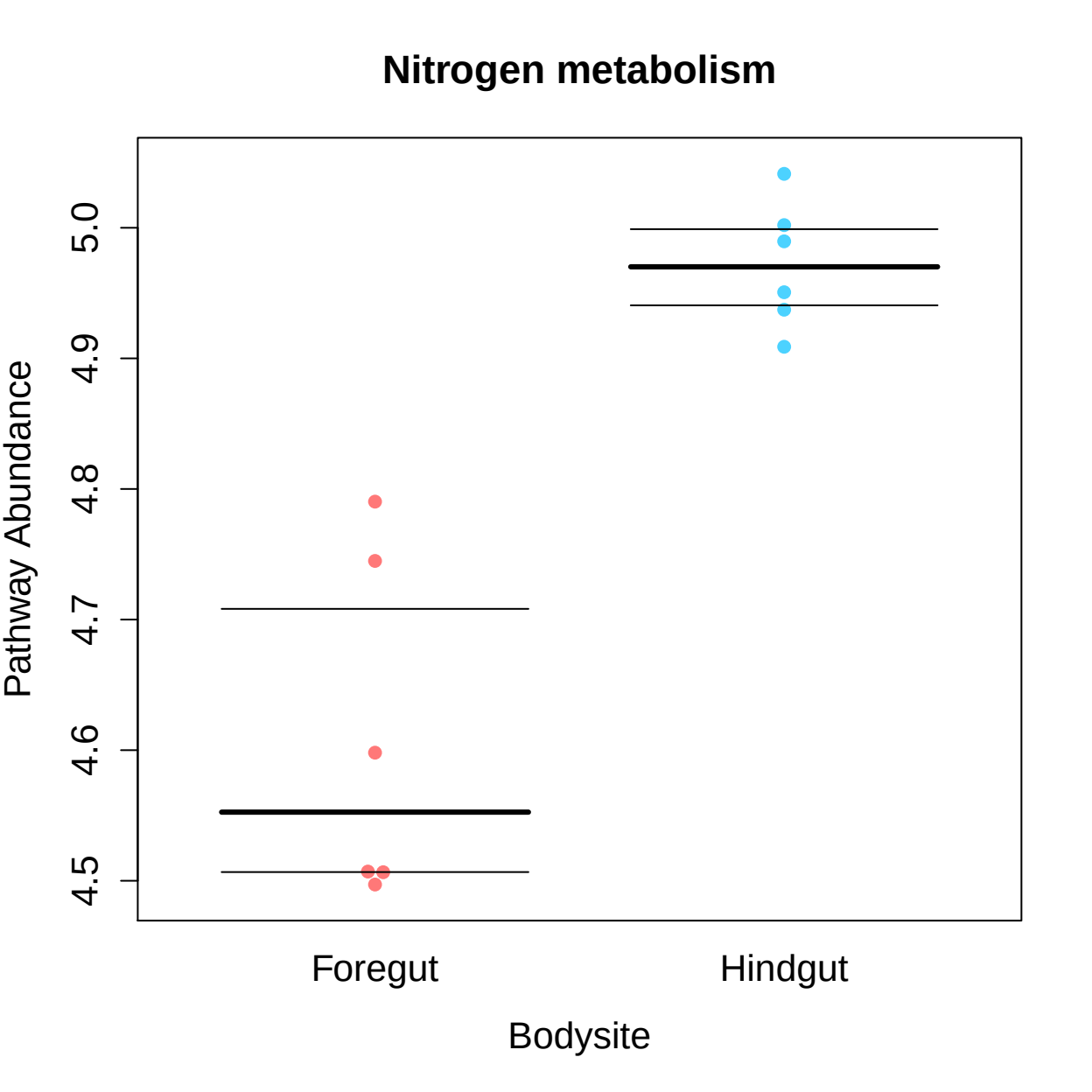

Transporters
Pathway Abundance
6.6
6.8
7.0
7.2
7.4
Foregut
Hindgut
Bodysite

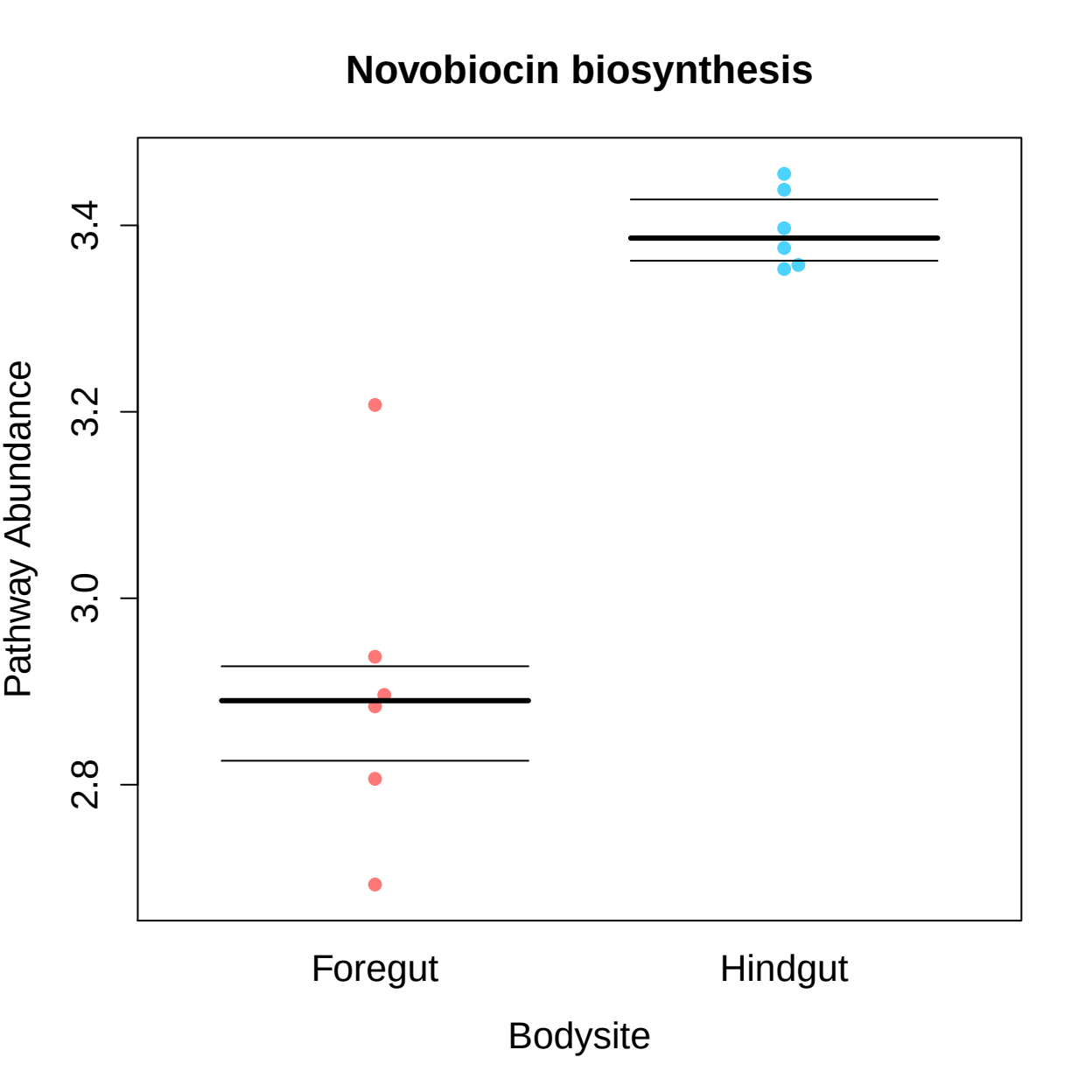

Base excision repair
Pathway Abundance
3.8
4.0
4.2
4.4
4.6
Foregut
Hindgut
Bodysite

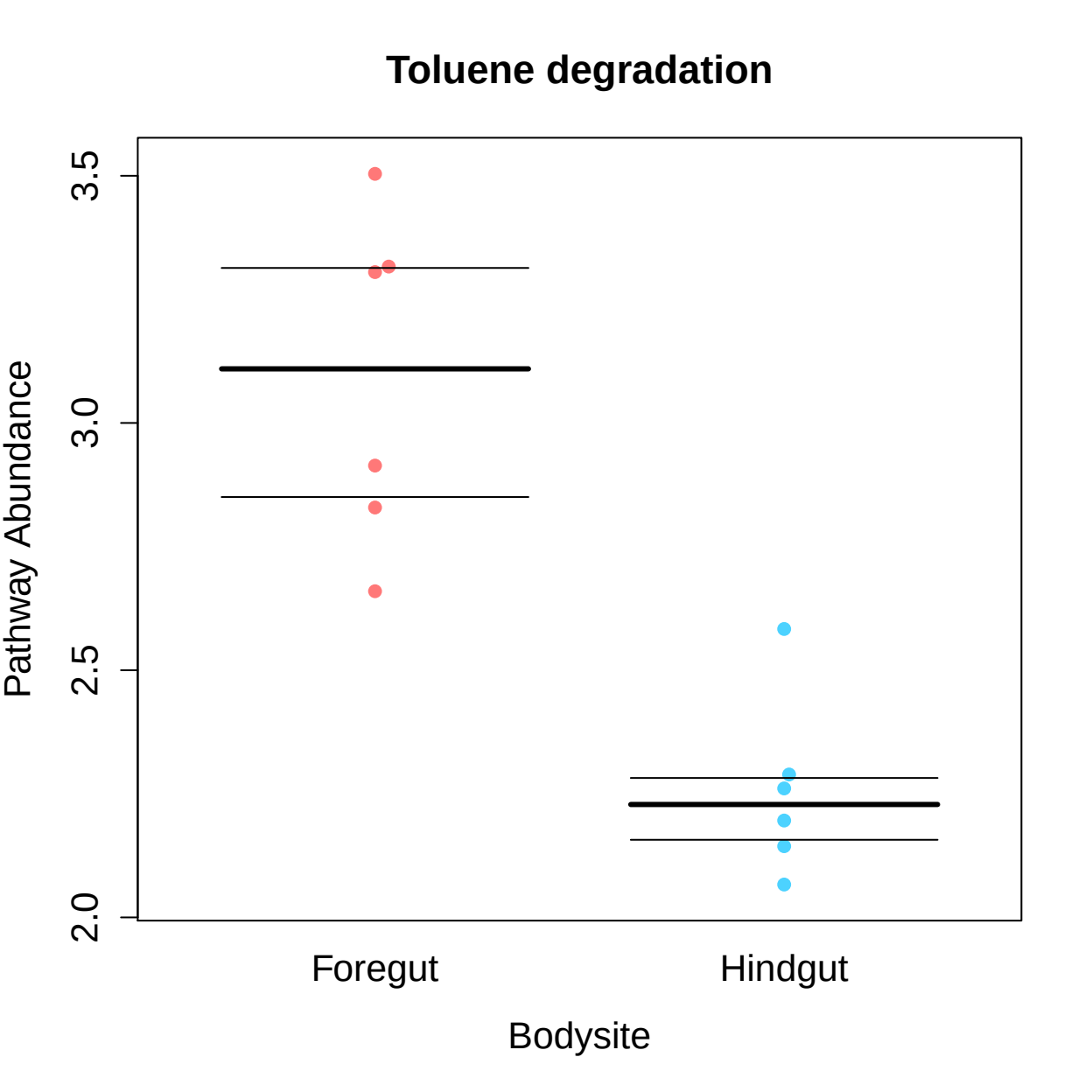

Arachidonic acid metabolism
Pathway Abundance
2.5
2.0
1.5
1.0
Foregut
Hindgut
Bodysite

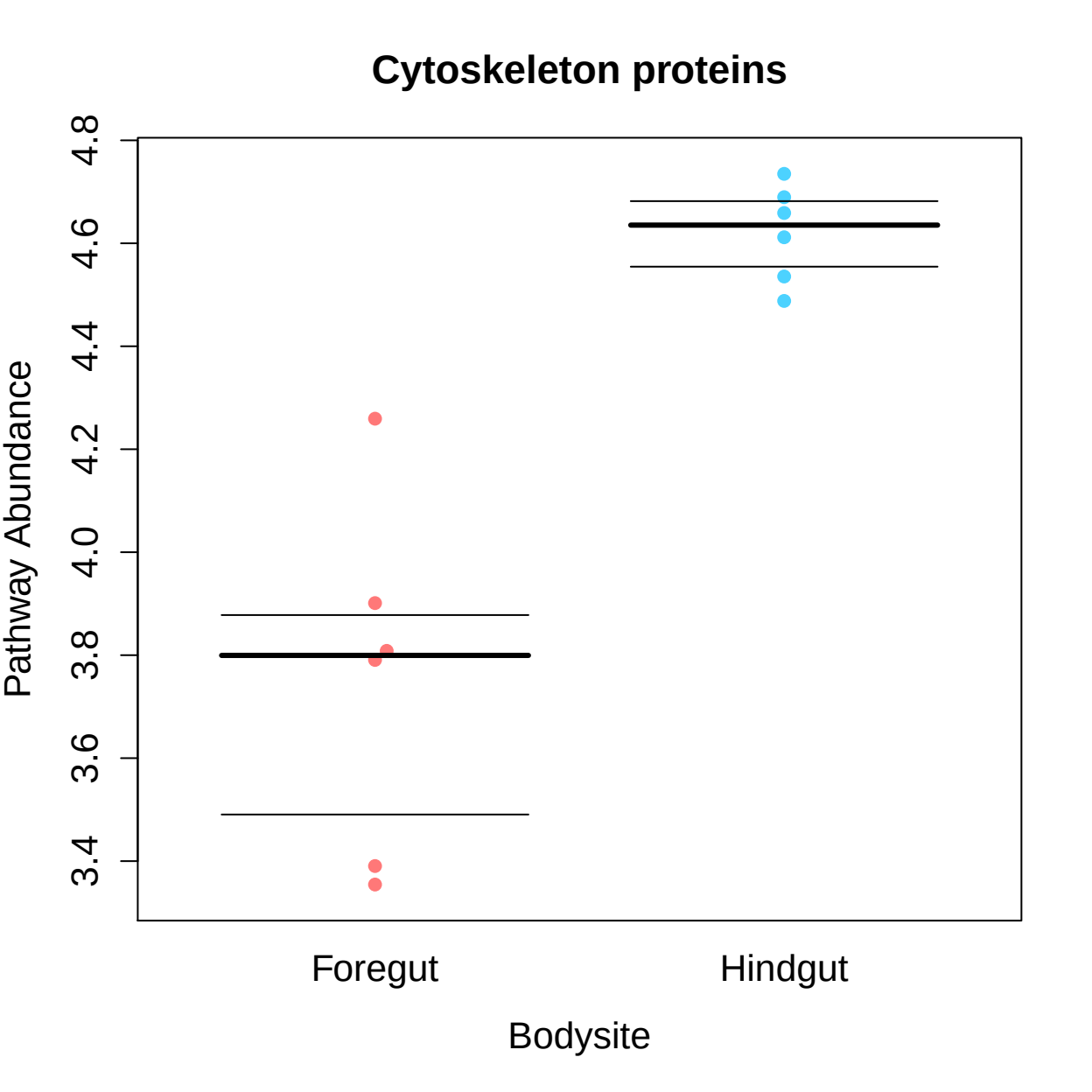

Taurine and hypotaurine metabolism
Pathway Abundance
2.7
2.8
2.9
3.0
3.1
Foregut
Hindgut
Bodysite

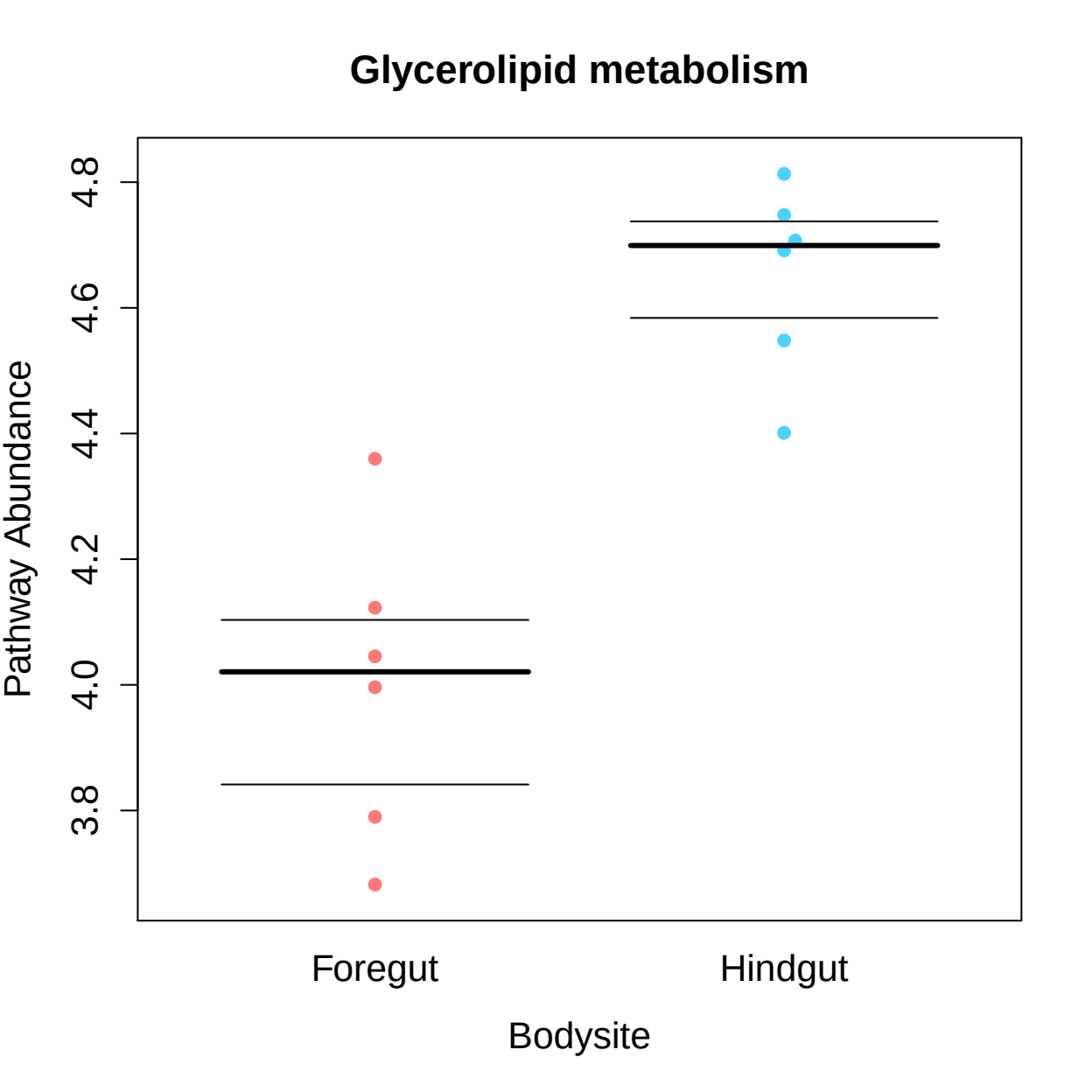

Biotin metabolism
Pathway Abundance
2.9
3.0
3.1
3.2
3.3
3.4
Foregut
Hindgut
Bodysite

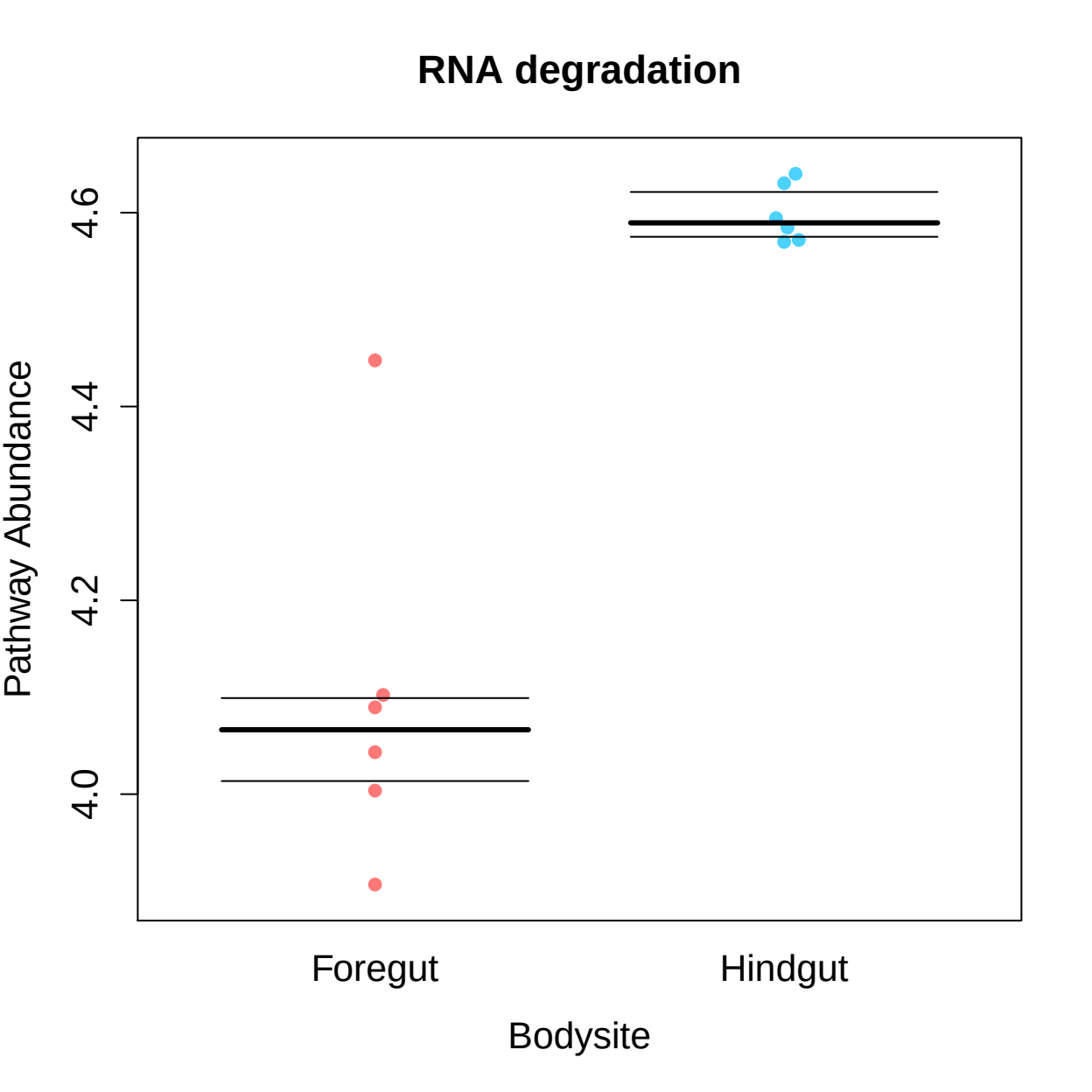

Nitrogen metabolism
Pathway Abundance
4.5
4.6
4.7
4.8
4.9
5.0
Foregut
Hindgut
Bodysite

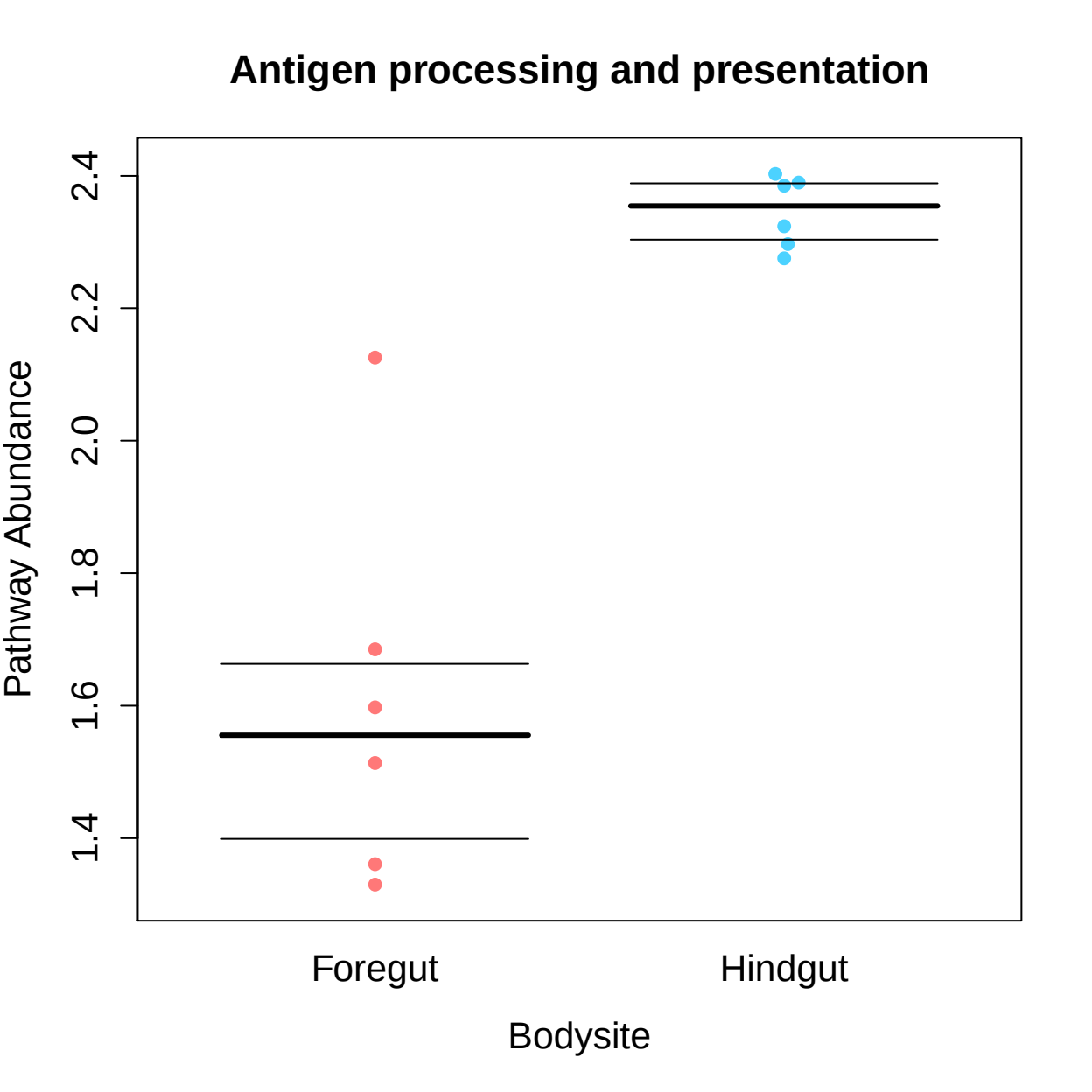

Novobiocin biosynthesis
Pathway Abundance
2.8
3.0
3.2
3.4
Foregut
Hindgut
Bodysite

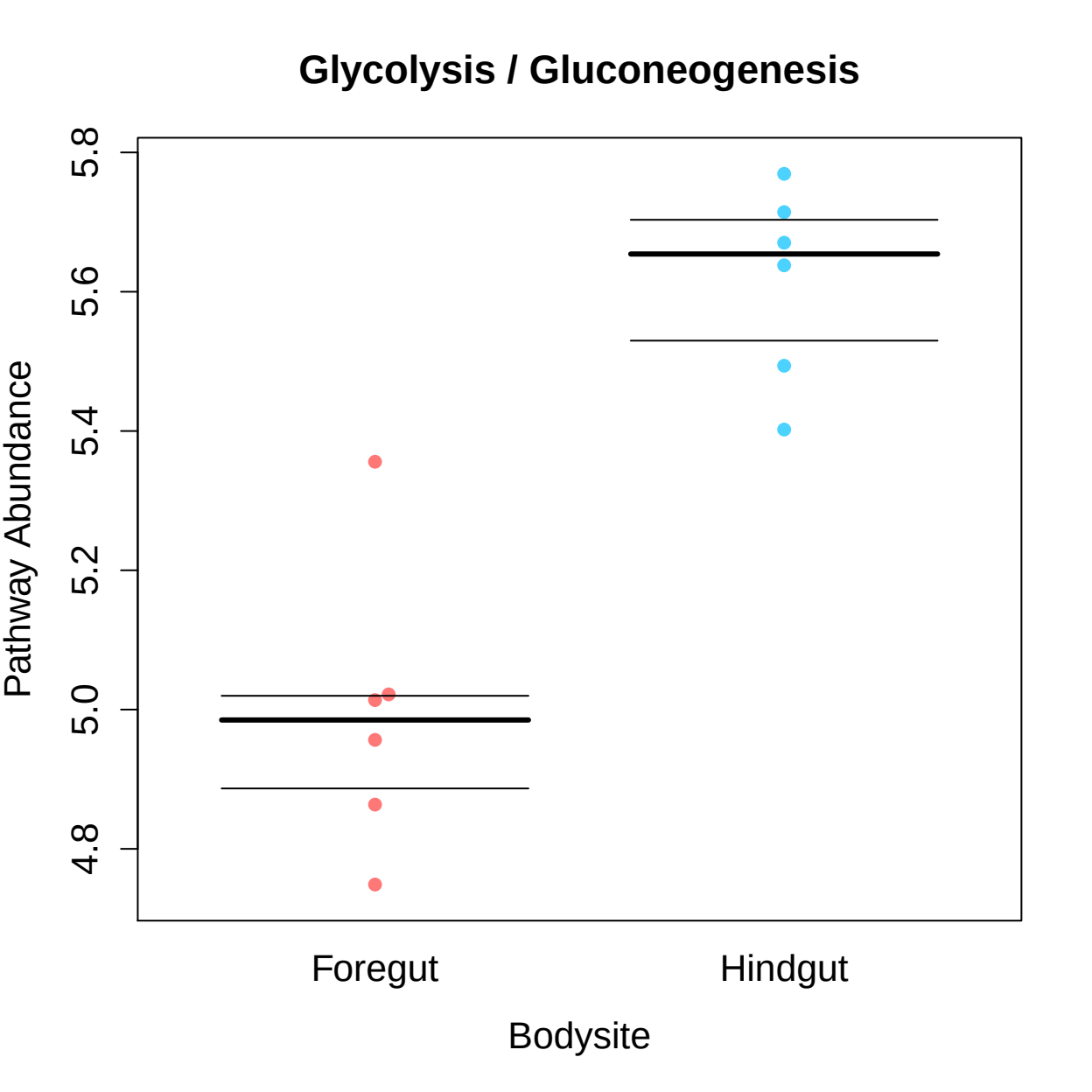

Toluene degradation
Pathway Abundance
3.5
3.0
2.5
2.0
Foregut
Hindgut
Bodysite

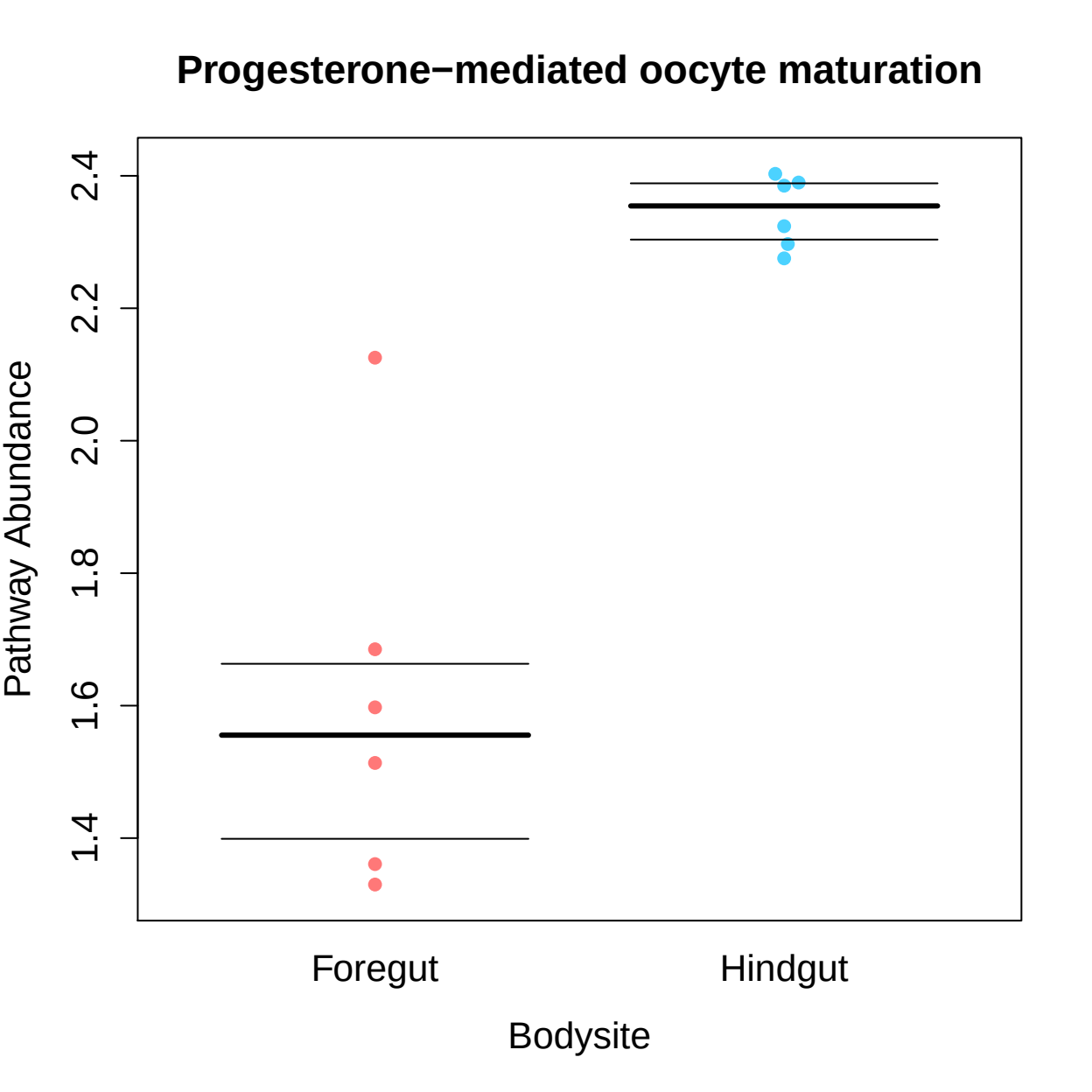

Cytoskeleton proteins
Pathway Abundance
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

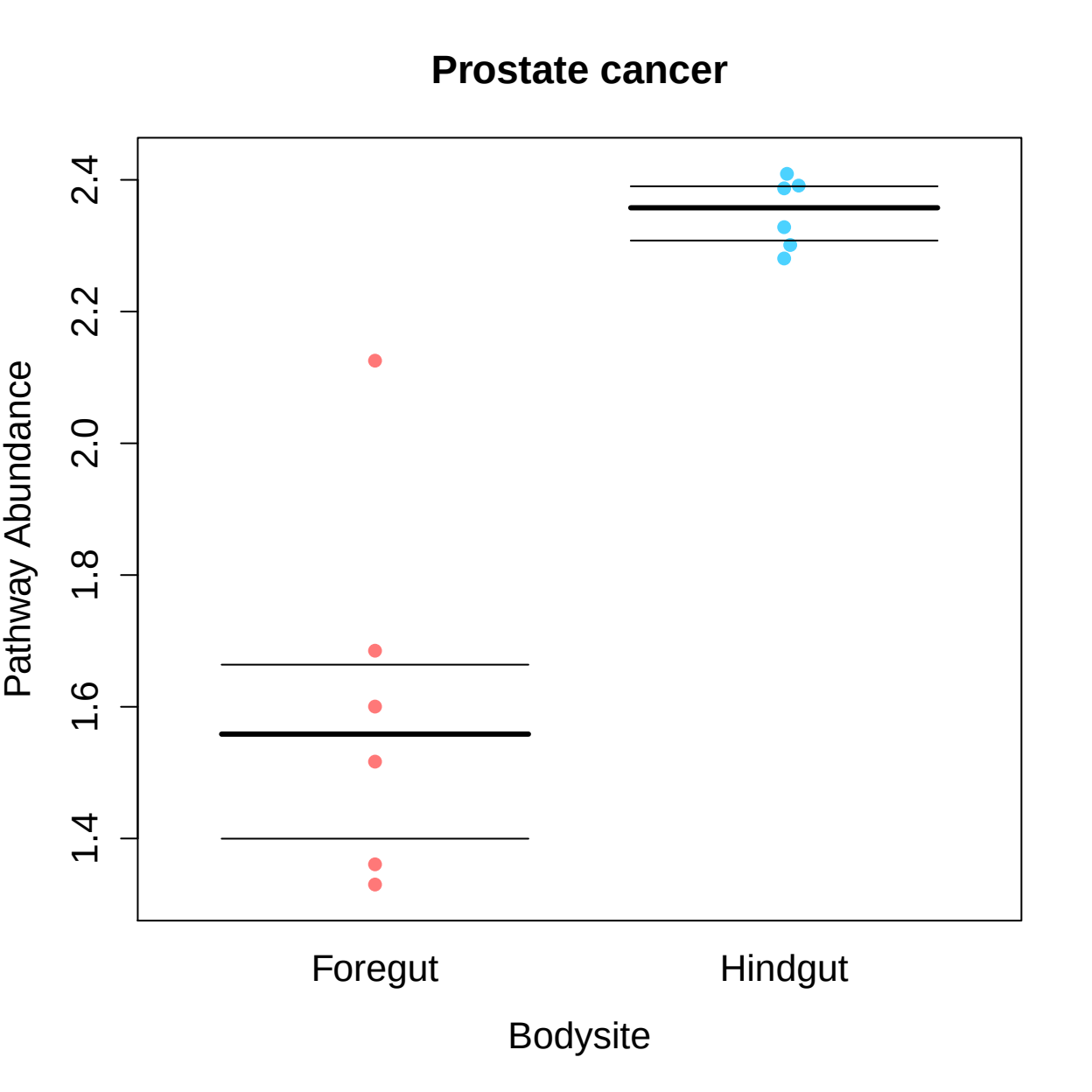

Glycerolipid metabolism
Pathway Abundance
3.8
4.0
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

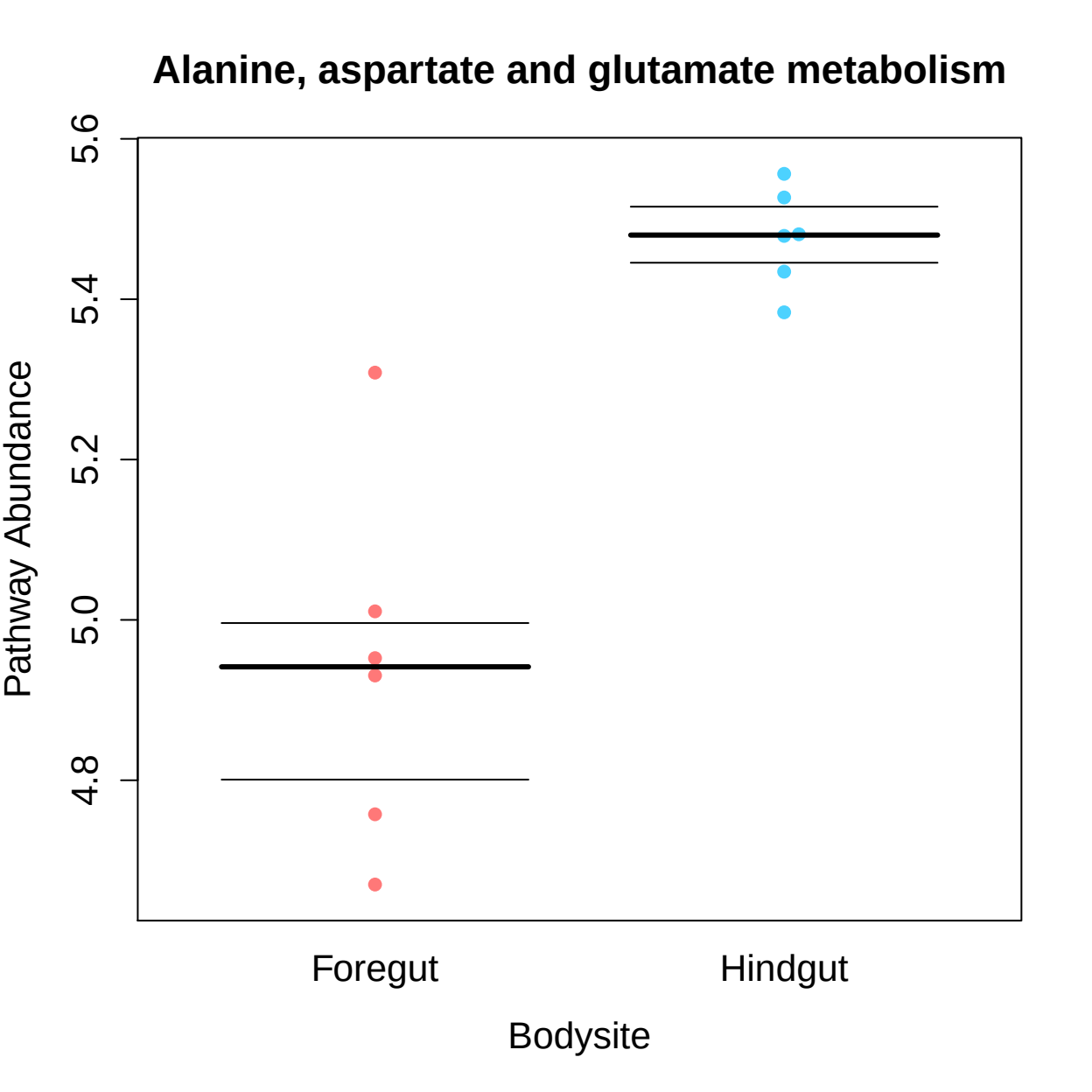

RNA degradation
Pathway Abundance
4.0
4.2
4.4
4.6
Foregut
Hindgut
Bodysite

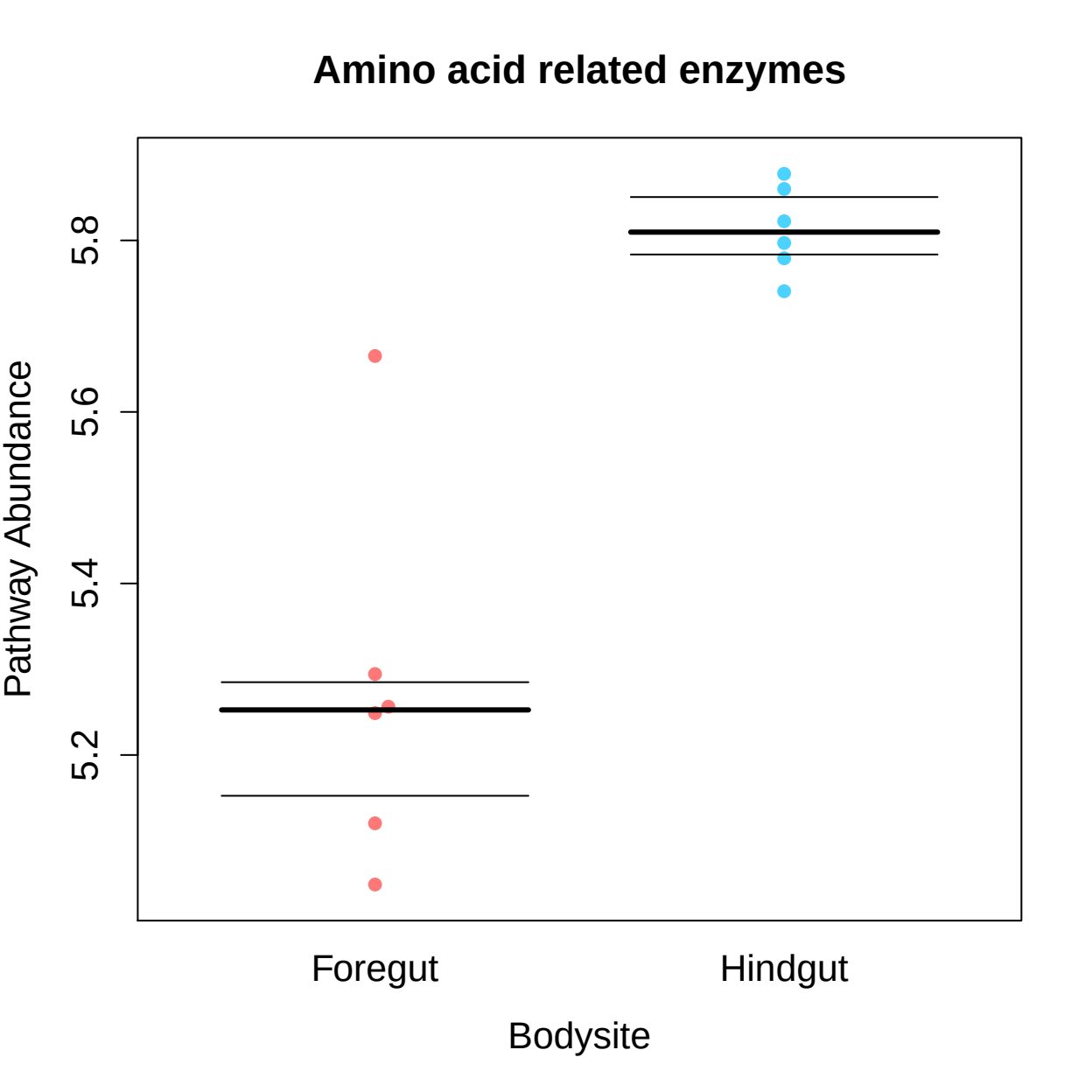

Antigen processing and presentation
Pathway Abundance
1.4
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

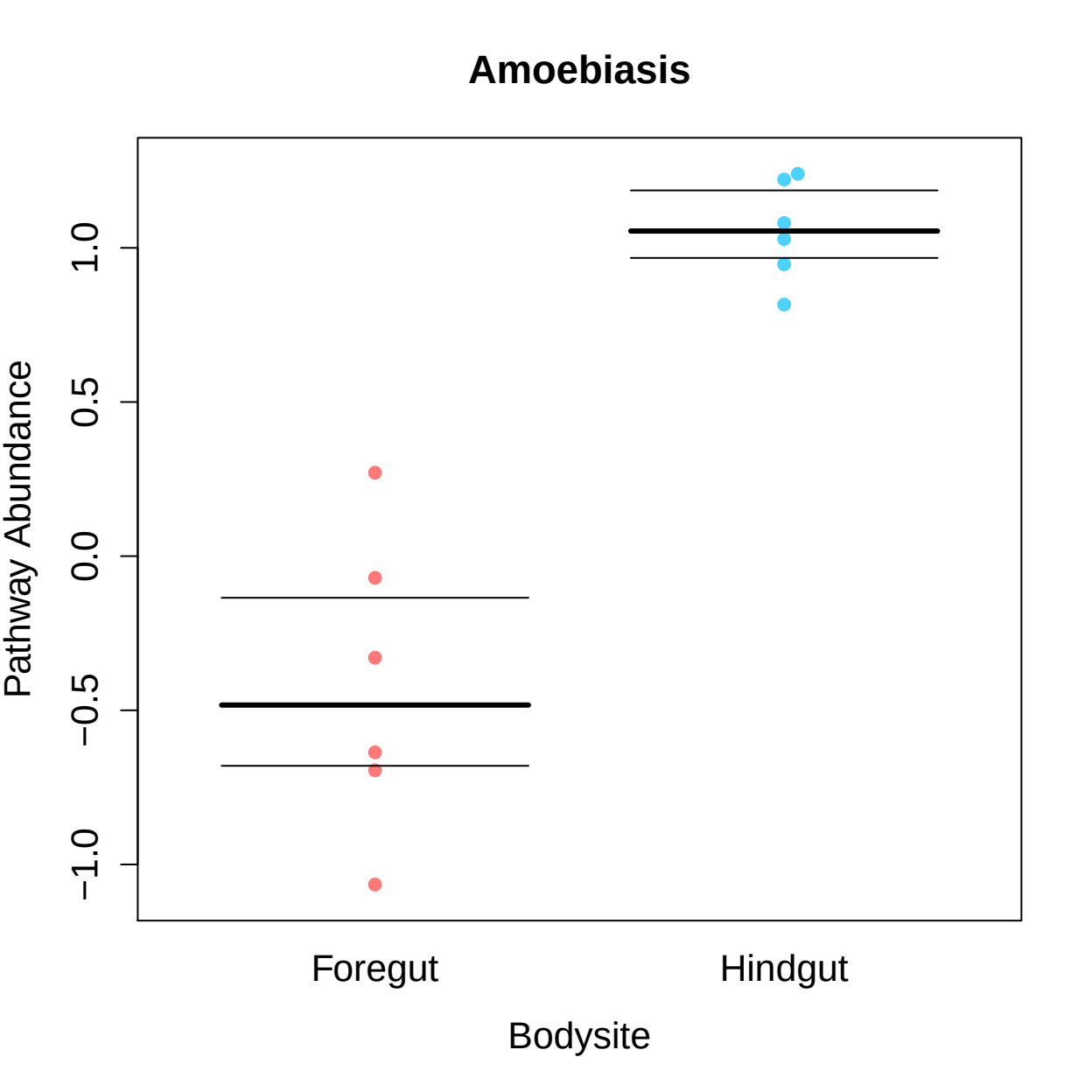

Glycolysis / Gluconeogenesis
Pathway Abundance
4.8
5.0
5.2
5.4
5.6
5.8
Foregut
Hindgut
Bodysite

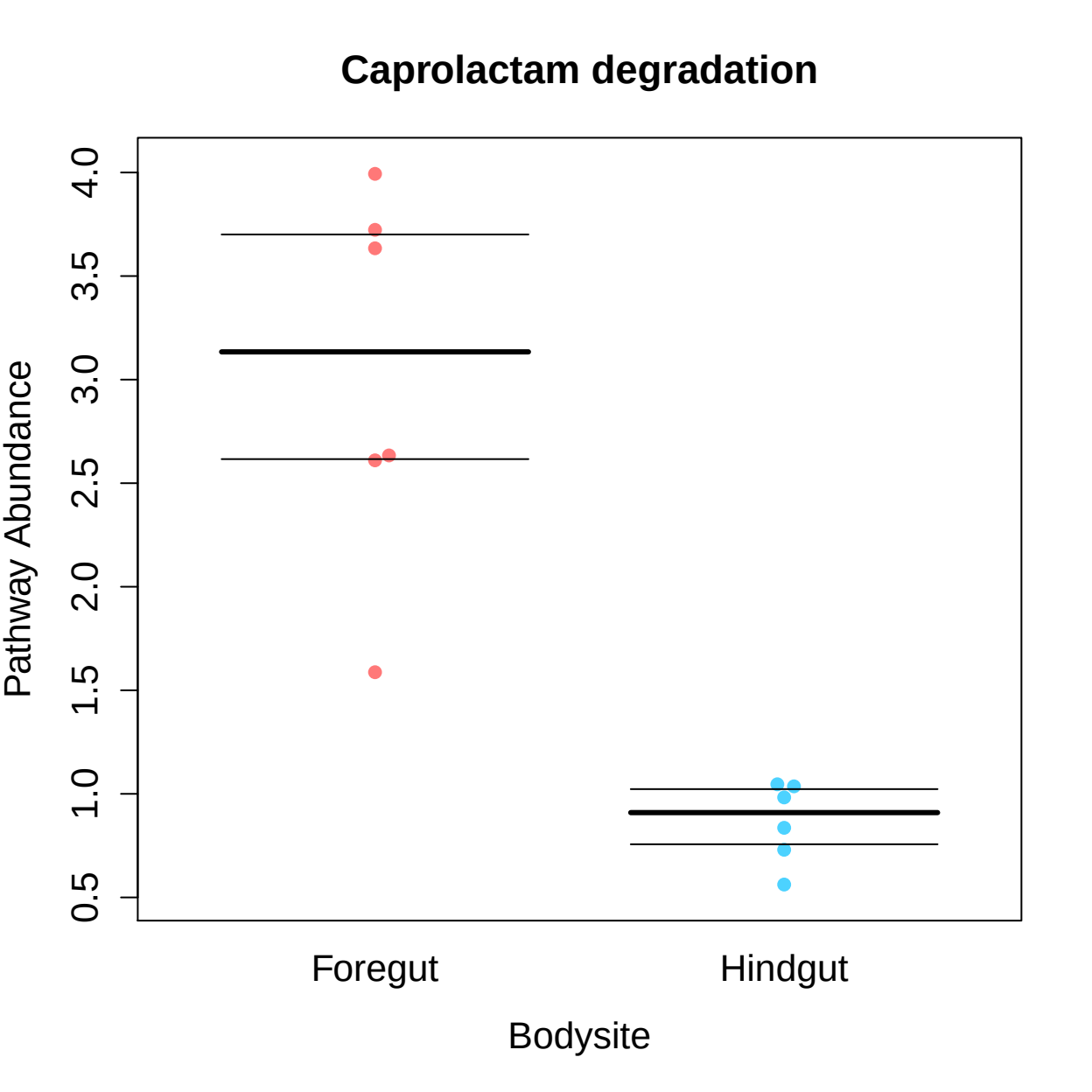

Progesterone−mediated oocyte maturation
Pathway Abundance
1.4
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

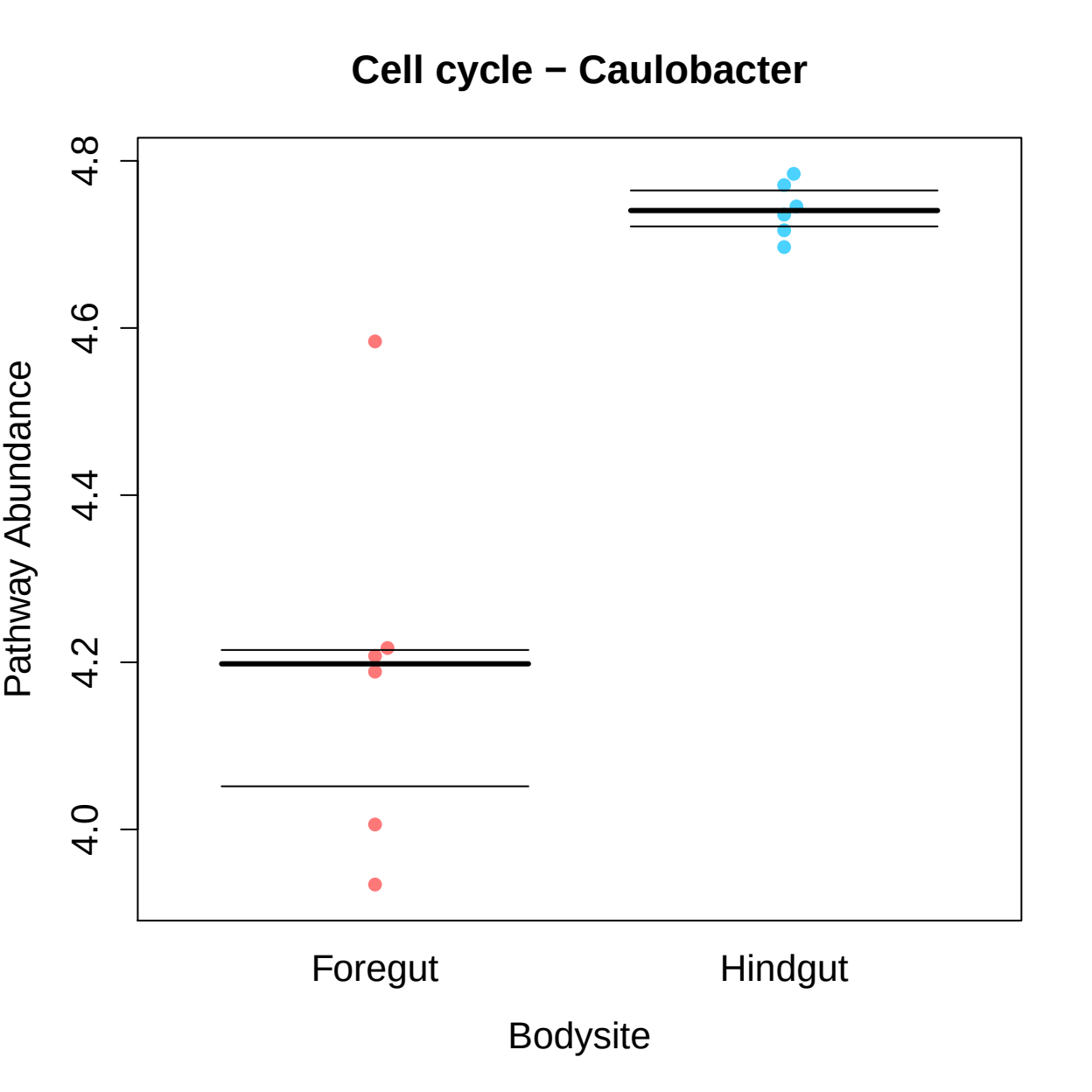

Prostate cancer
Pathway Abundance
1.4
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

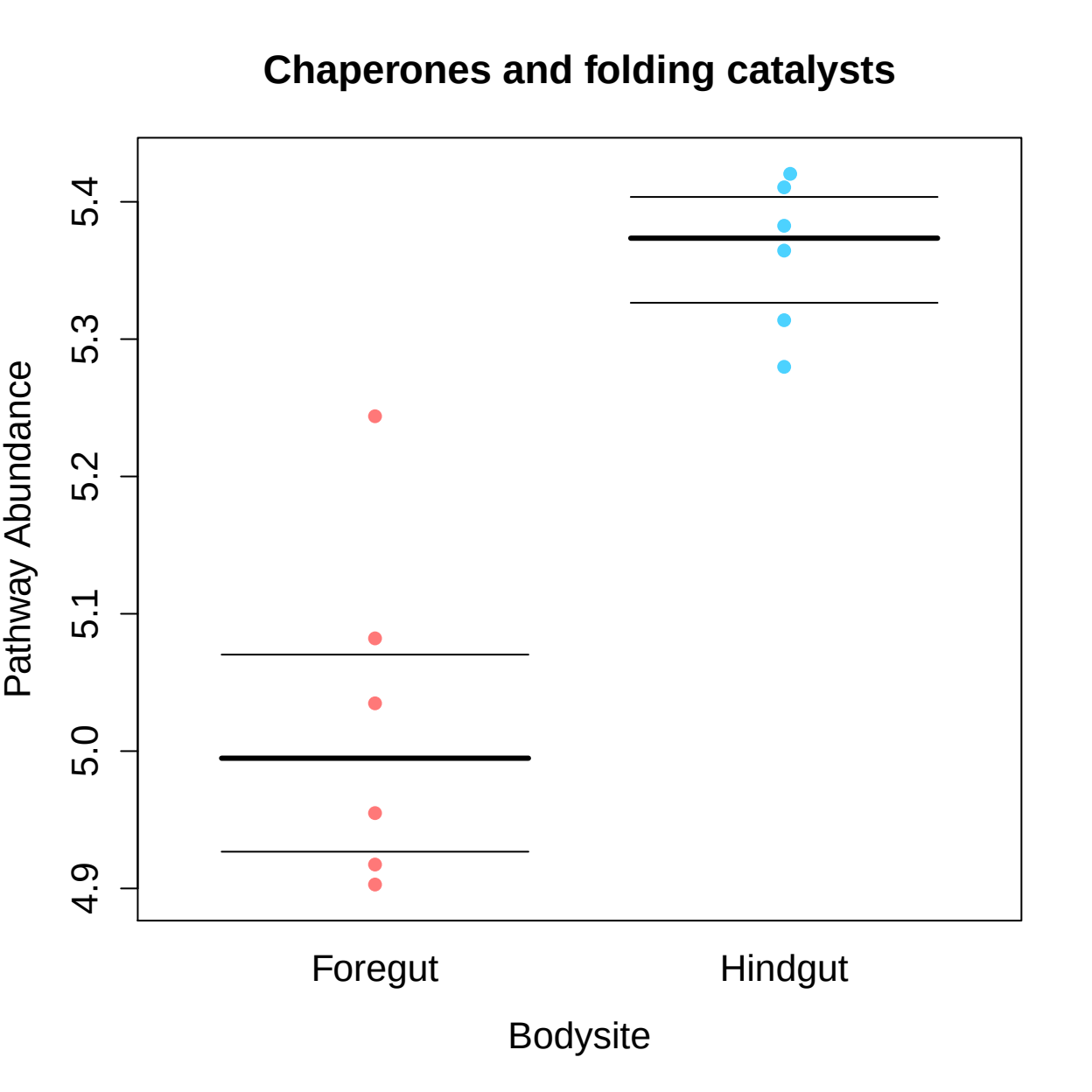

Alanine, aspartate and glutamate metabolism
Pathway Abundance
5.6
5.4
5.2
5.0
4.8
Foregut
Hindgut
Bodysite

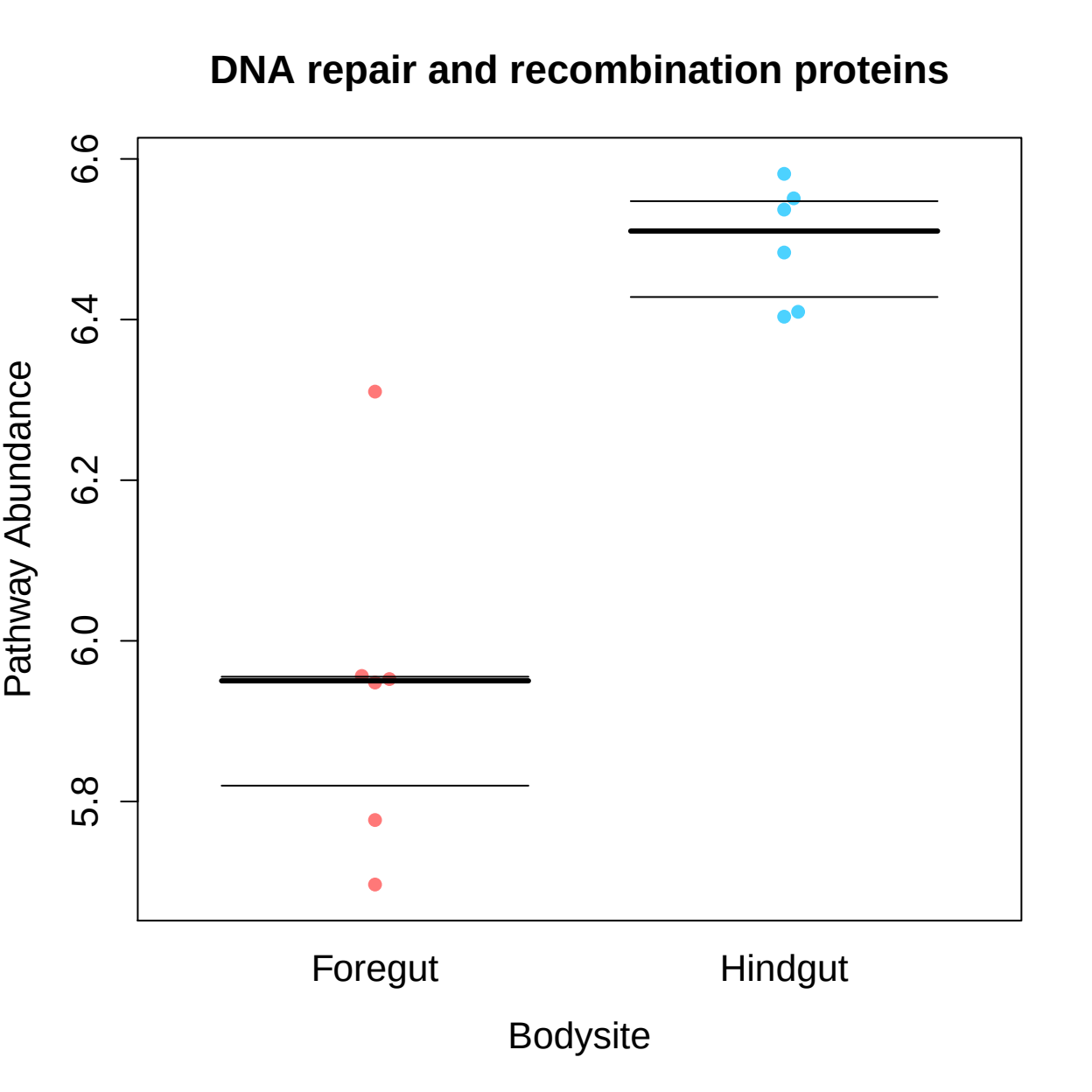

Amino acid related enzymes
Pathway Abundance
5.2
5.4
5.6
5.8
Foregut
Hindgut
Bodysite

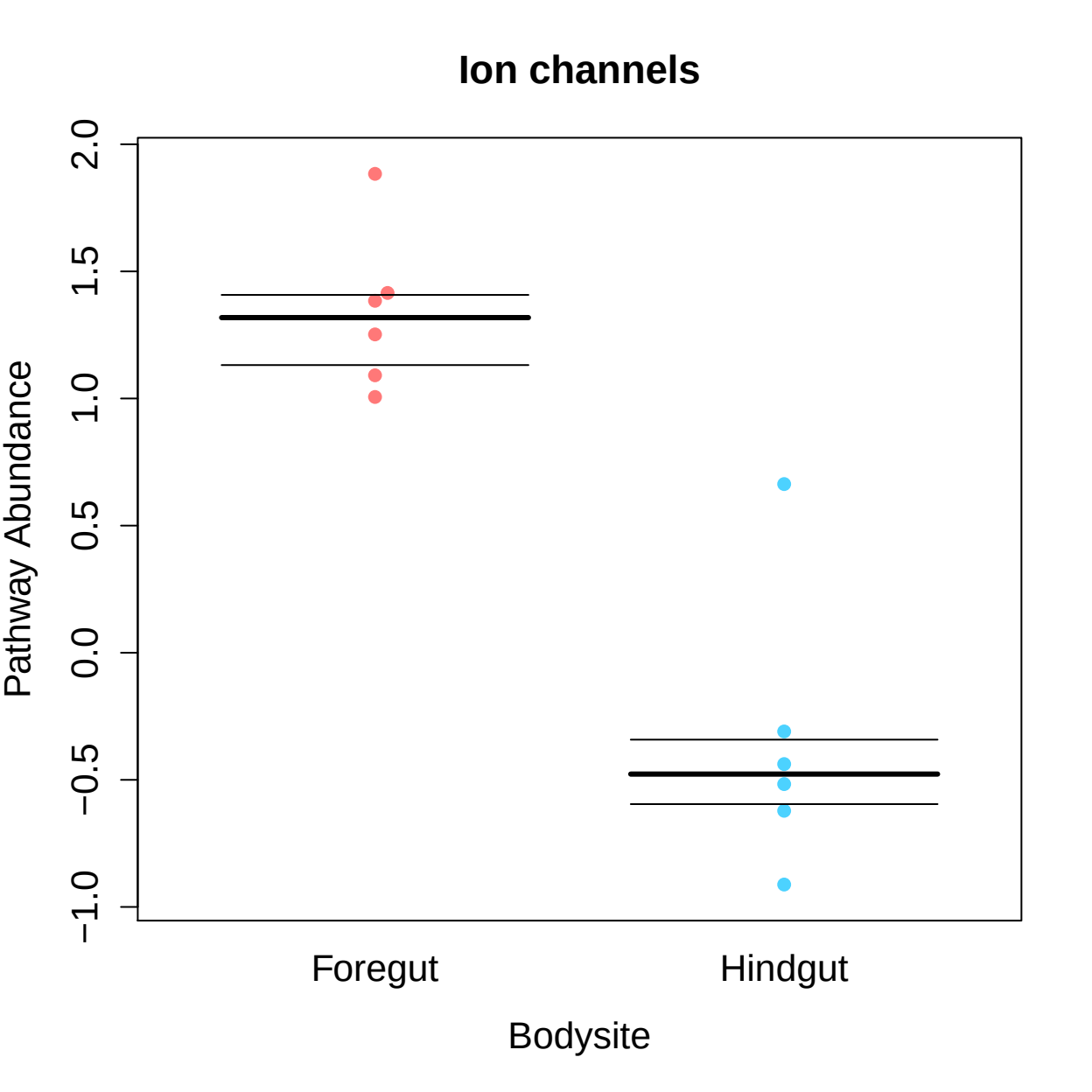

Amoebiasis
Pathway Abundance
−1.0
−0.5
0.0
0.5
1.0
Foregut
Hindgut
Bodysite

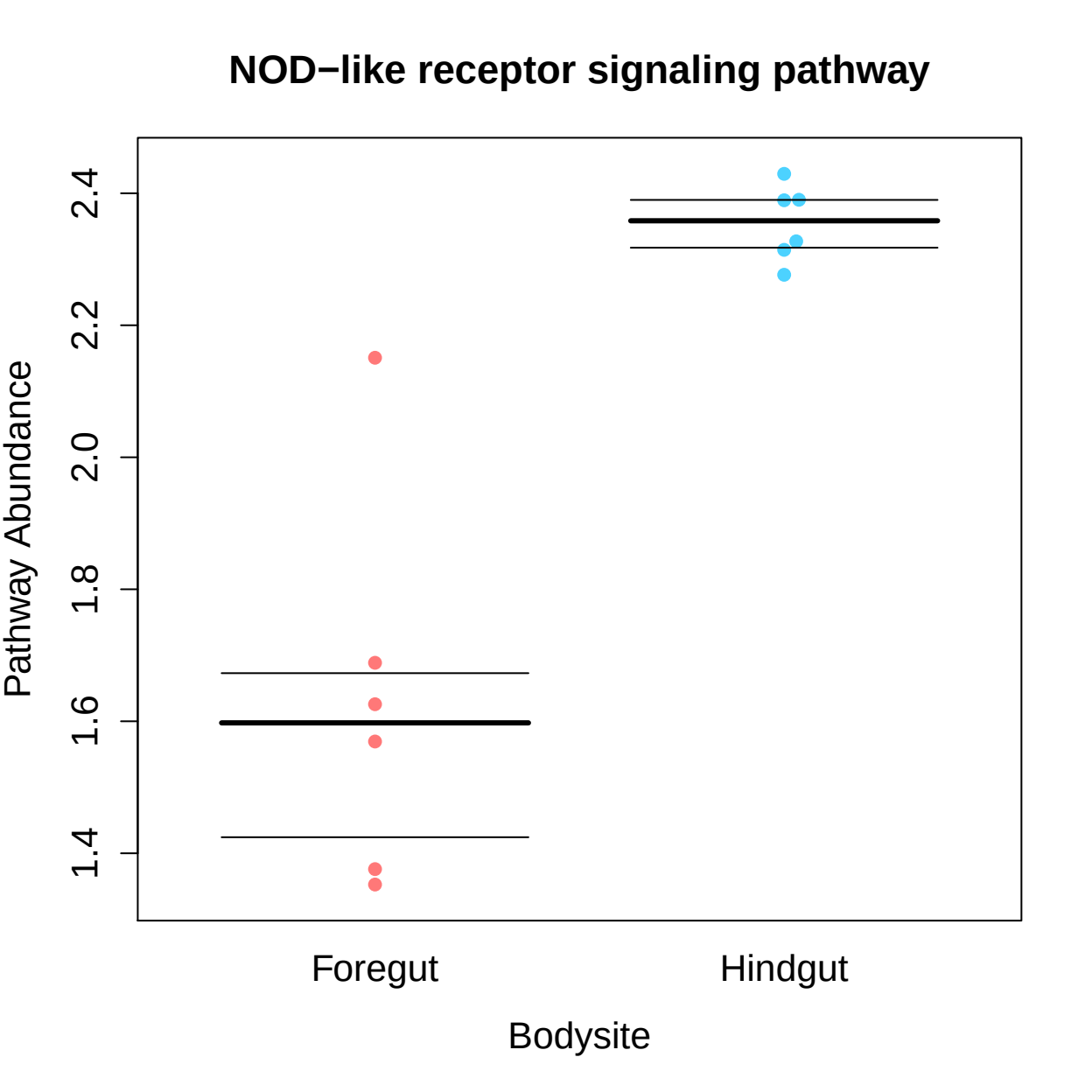

Caprolactam degradation
Pathway Abundance
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Foregut
Hindgut
Bodysite

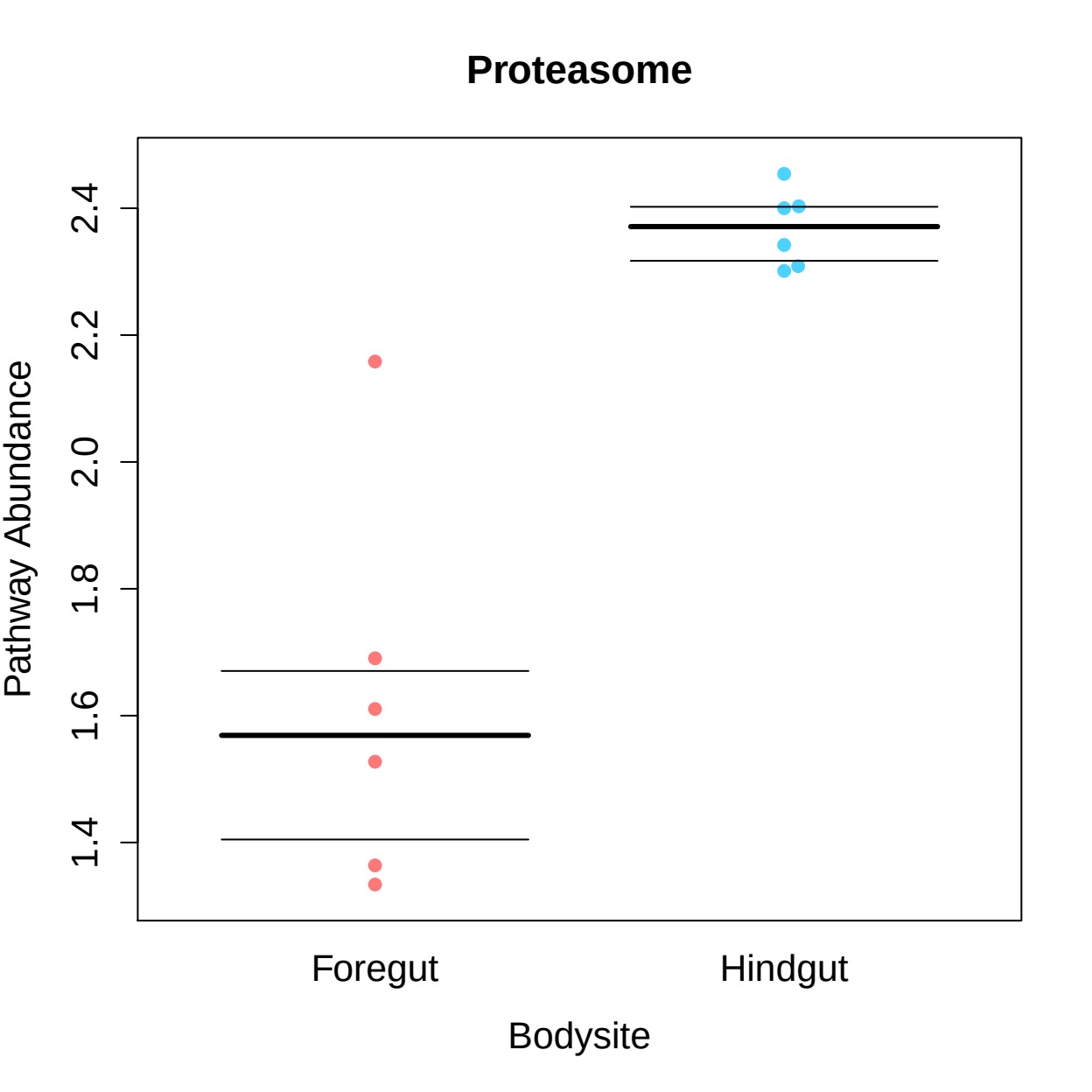

Cell cycle − Caulobacter
Pathway Abundance
4.0
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

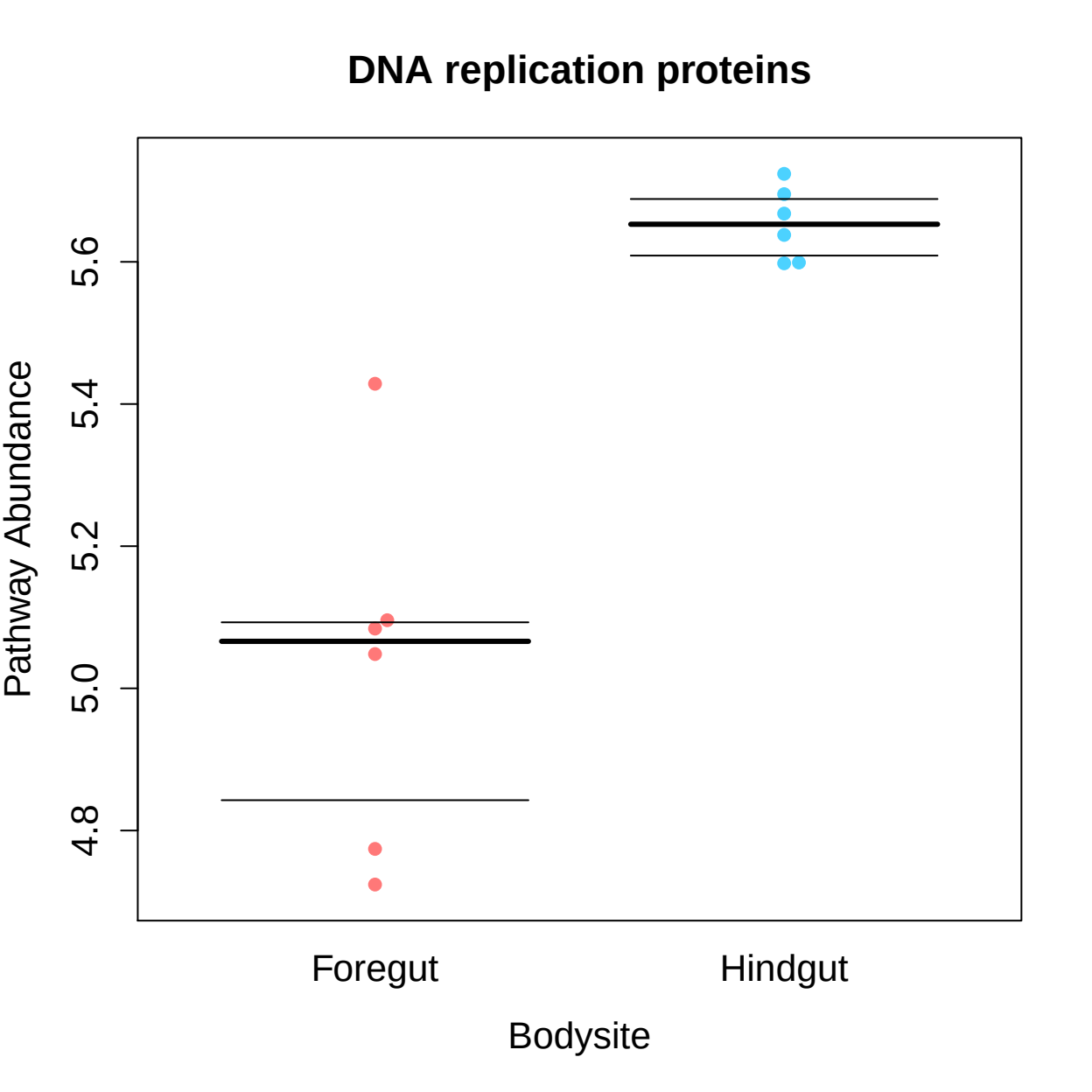

Chaperones and folding catalysts
Pathway Abundance
4.9
5.0
5.1
5.2
5.3
5.4
Foregut
Hindgut
Bodysite

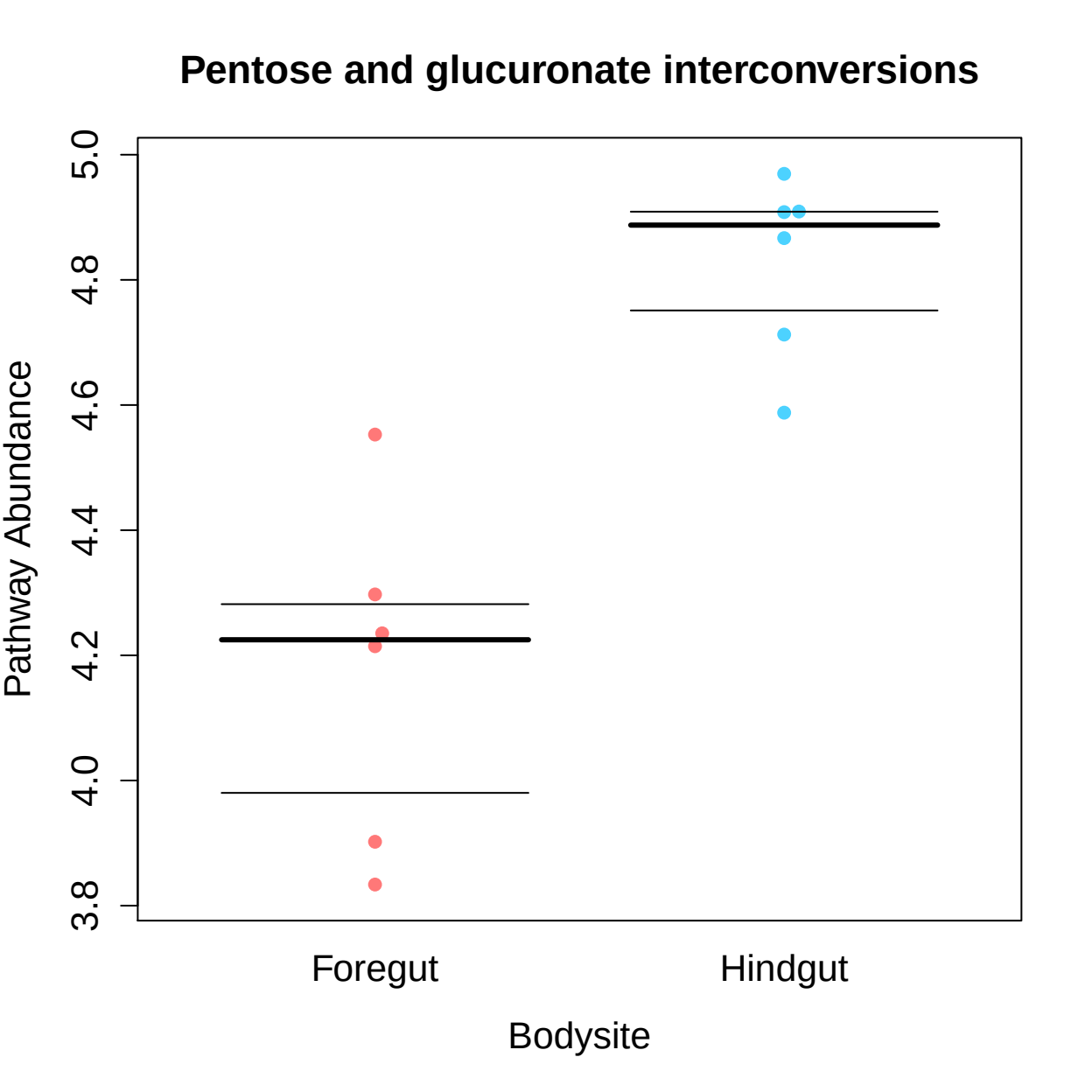

DNA repair and recombination proteins
Pathway Abundance
6.6
6.4
6.2
6.0
5.8
Foregut
Hindgut
Bodysite

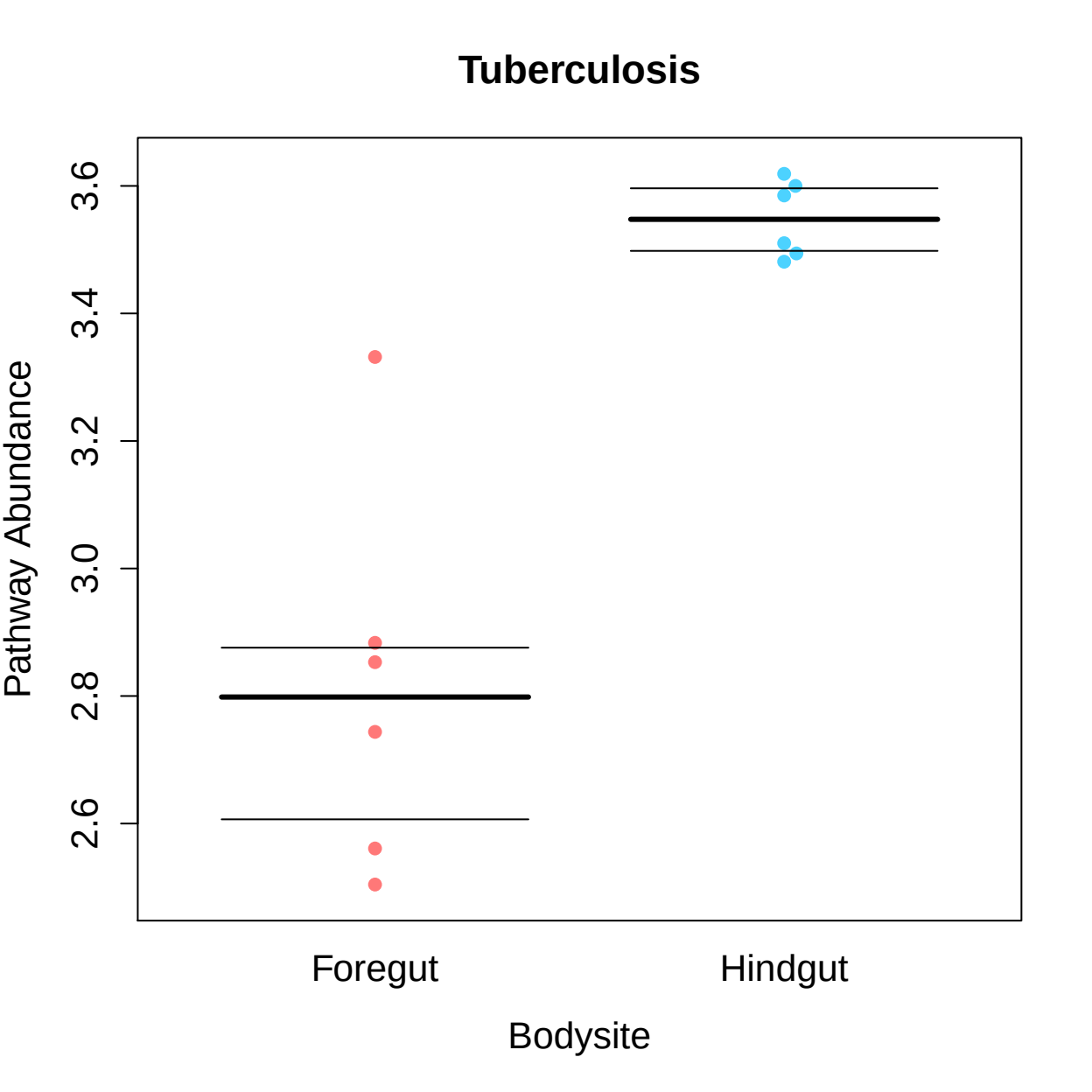

Ion channels
Pathway Abundance
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
Foregut
Hindgut
Bodysite

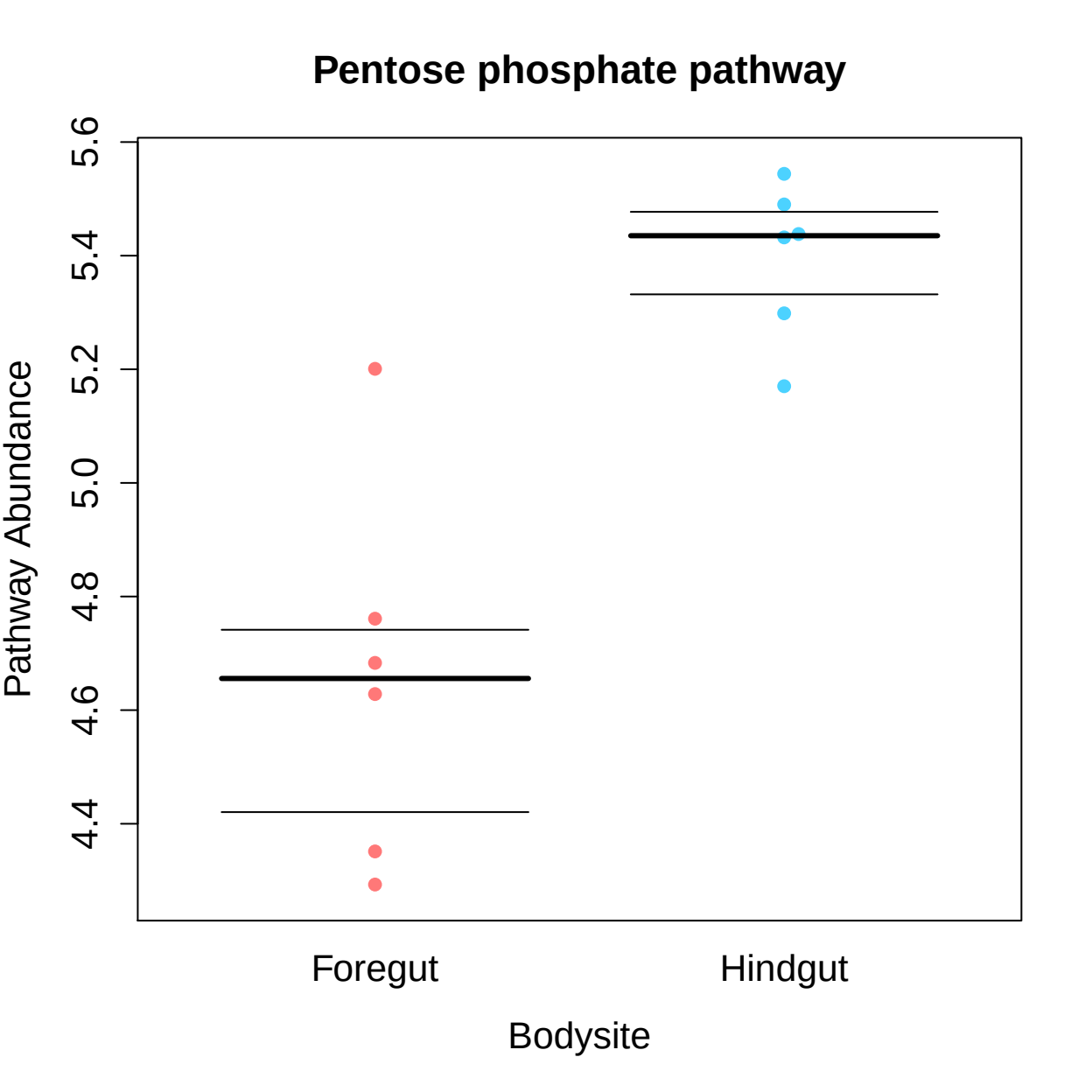

NOD−like receptor signaling pathway
Pathway Abundance
1.4
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

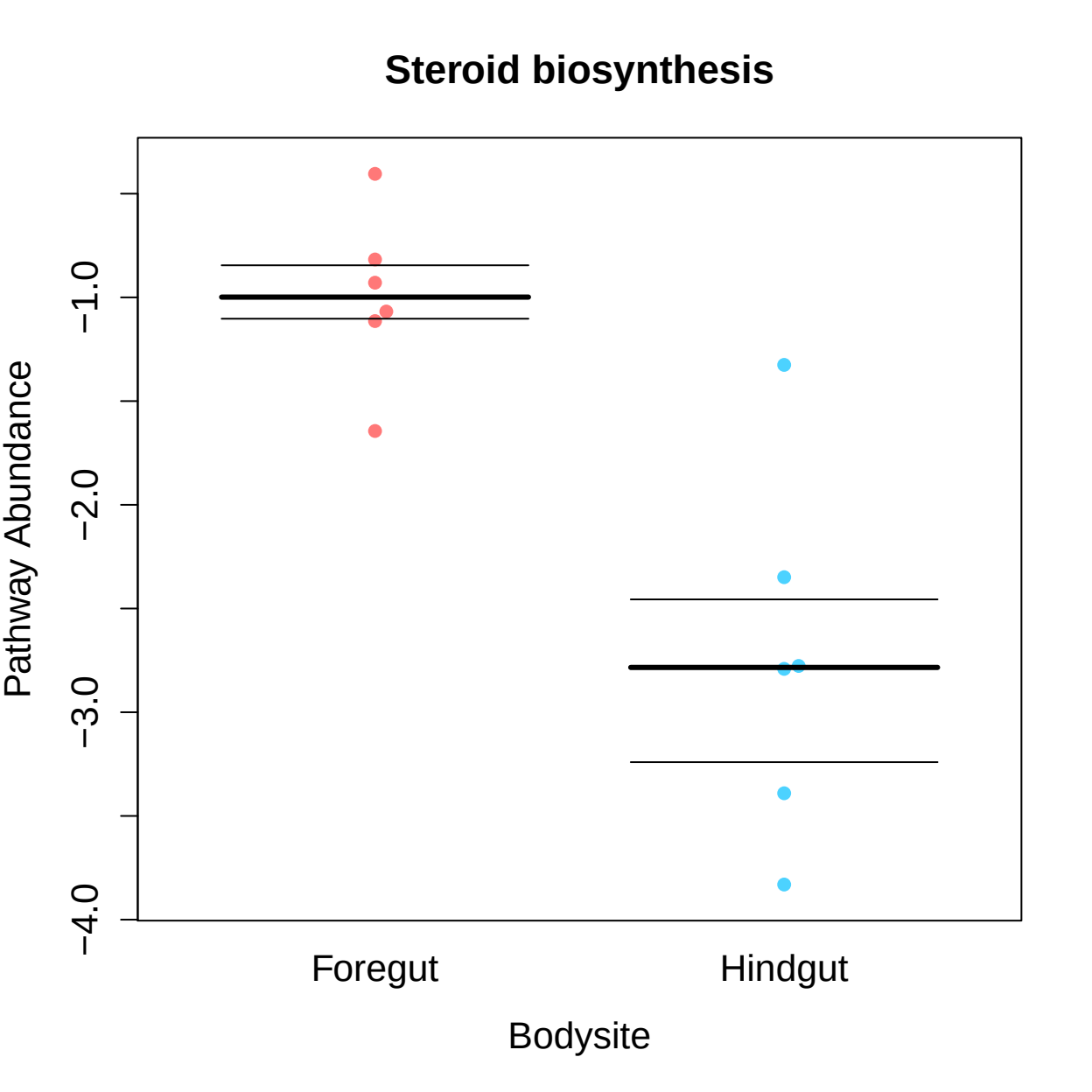

Proteasome
Pathway Abundance
1.4
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

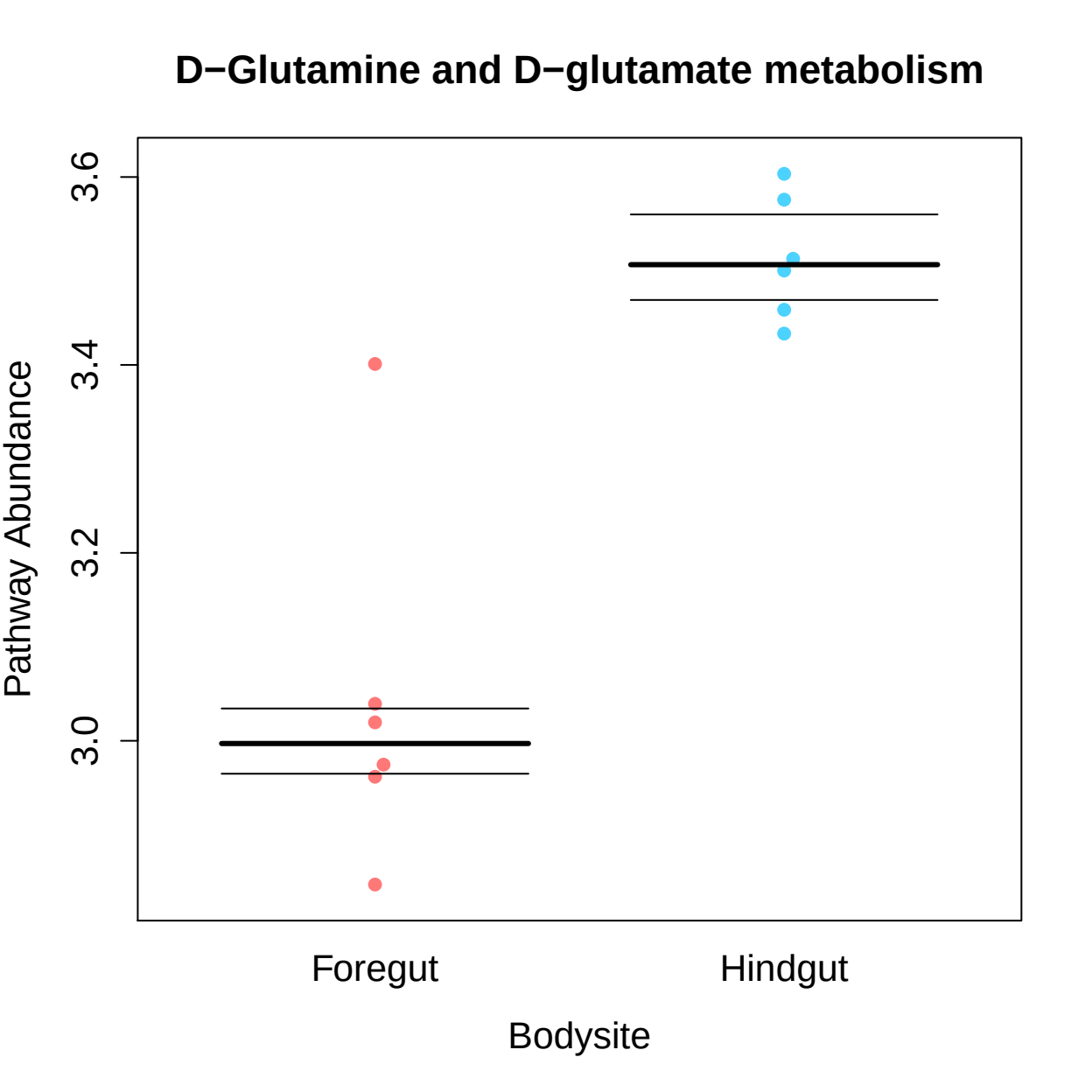

DNA replication proteins
Pathway Abundance
4.8
5.0
5.2
5.4
5.6
Foregut
Hindgut
Bodysite

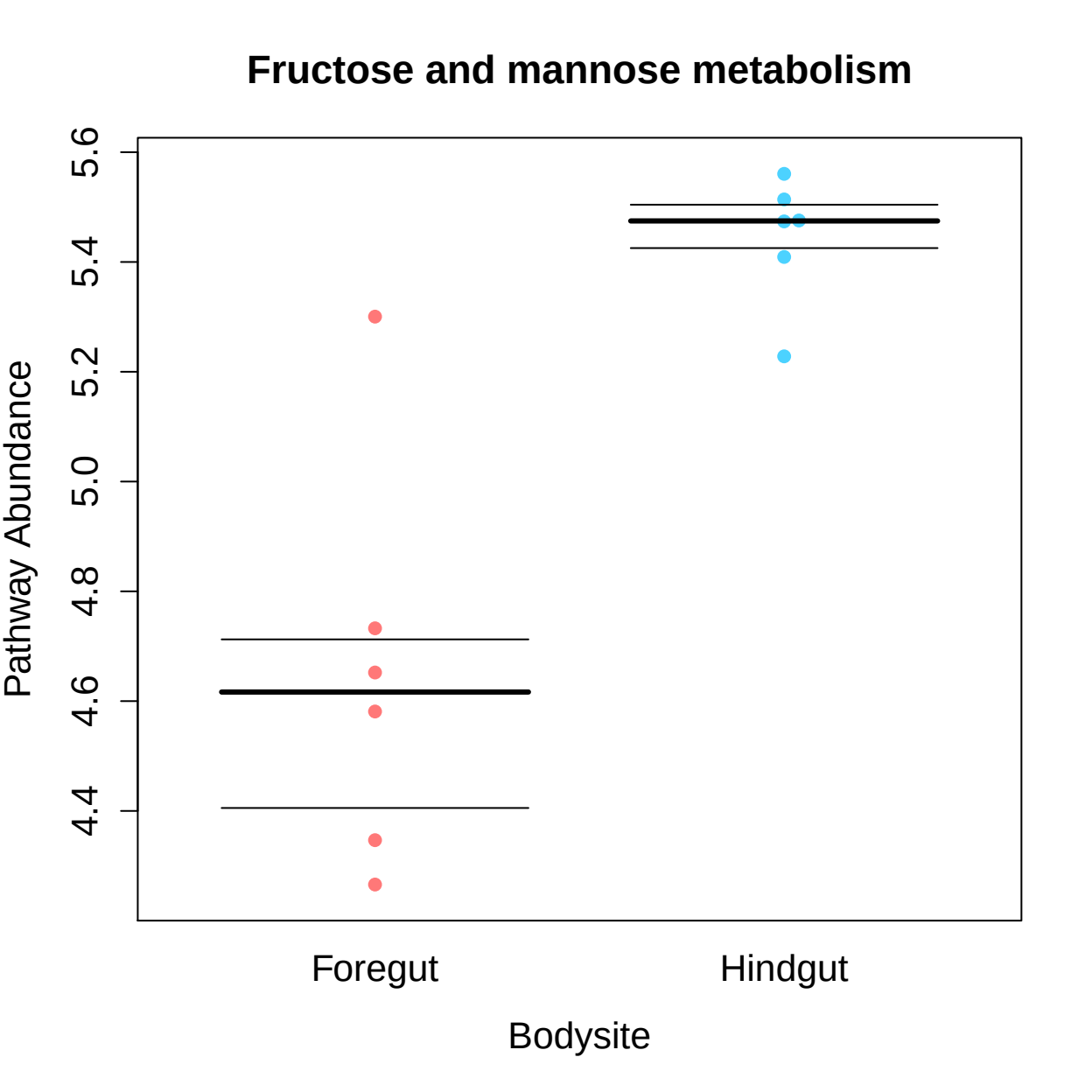

Pentose and glucuronate interconversions
Pathway Abundance
5.0
4.8
4.6
4.4
4.2
4.0
3.8
Foregut
Hindgut
Bodysite

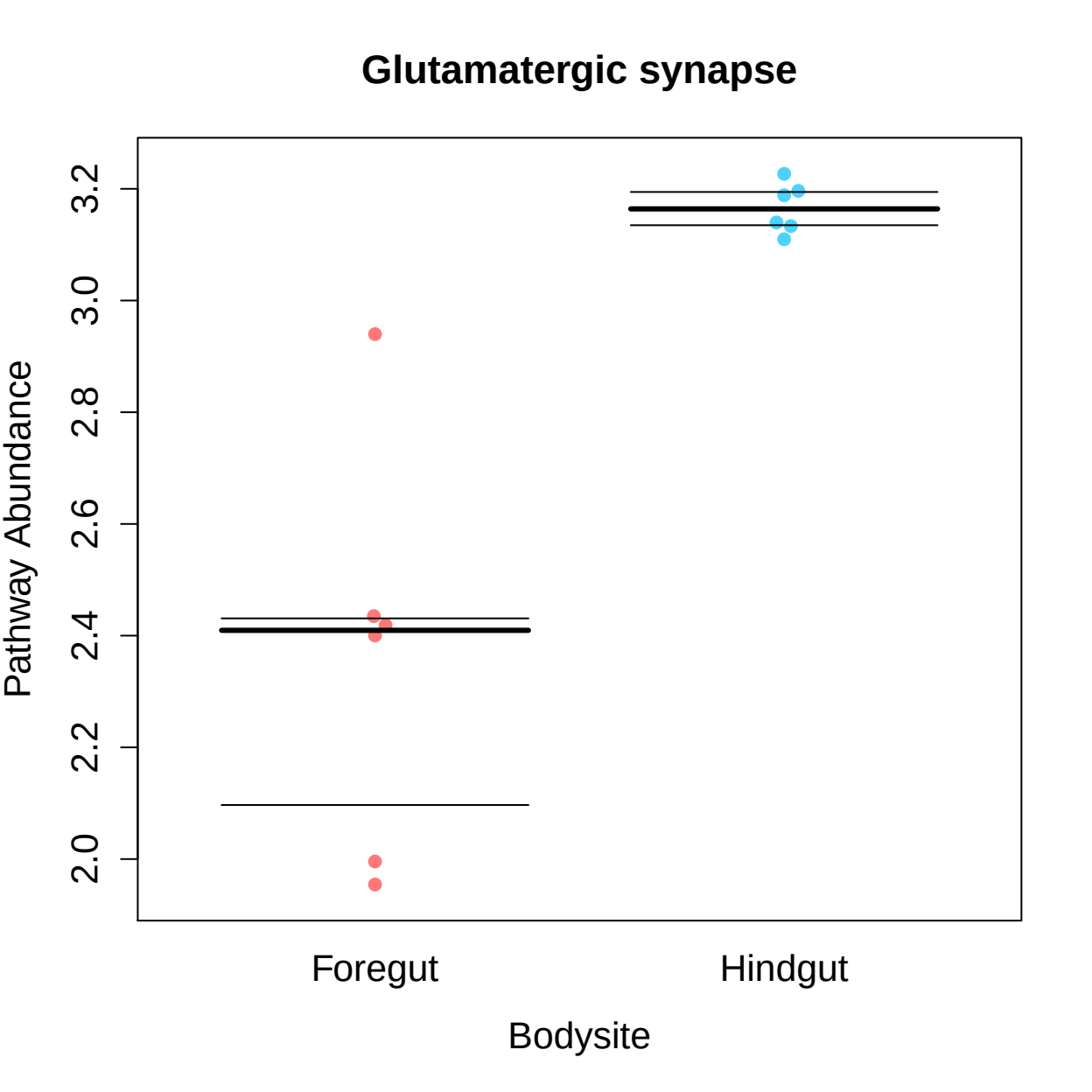

Tuberculosis
Pathway Abundance
2.6
2.8
3.0
3.2
3.4
3.6
Foregut
Hindgut
Bodysite

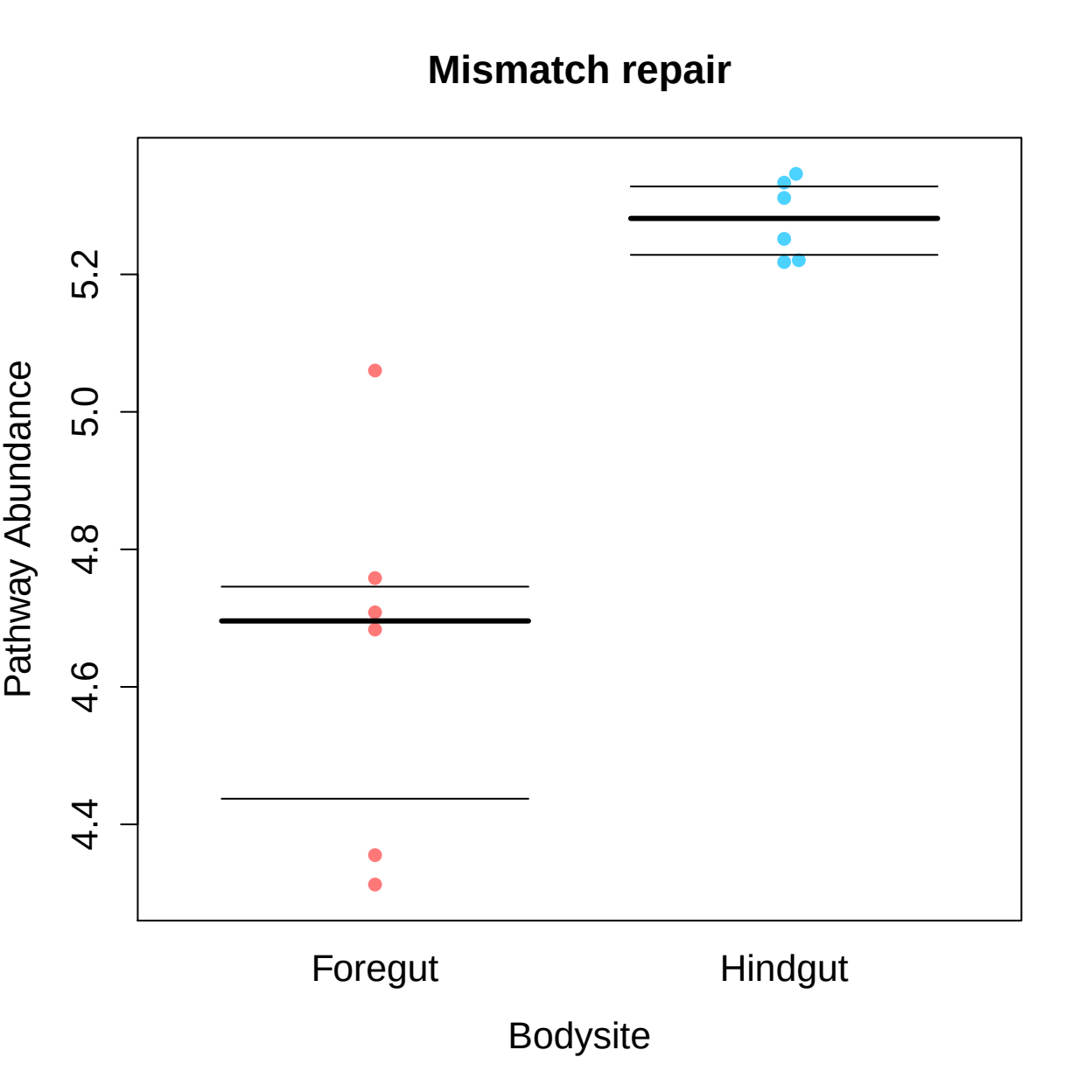

Pentose phosphate pathway
Pathway Abundance
5.6
5.4
5.2
5.0
4.8
4.6
4.4
Foregut
Hindgut
Bodysite

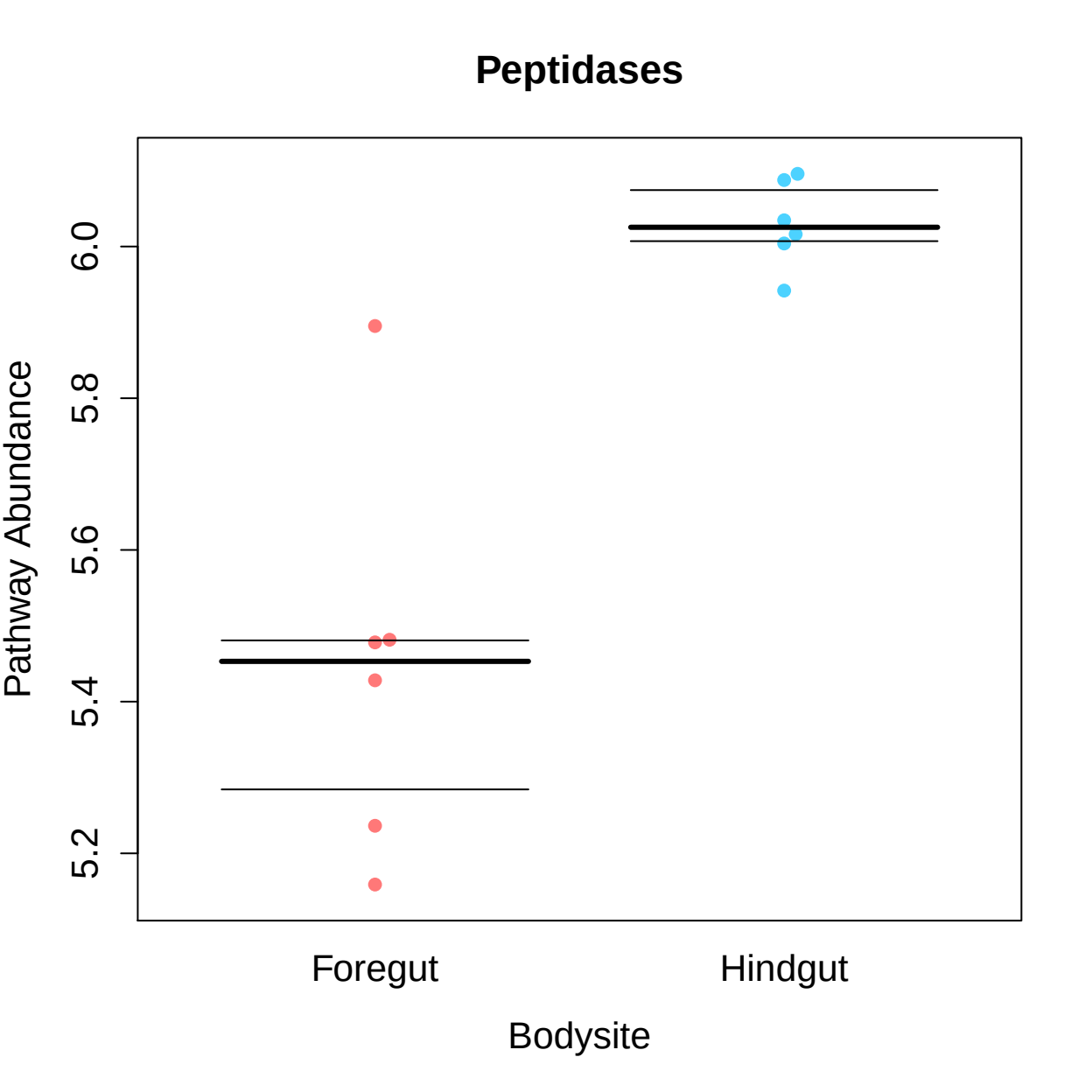

Steroid biosynthesis
Pathway Abundance
−1.0
−2.0
−3.0
−4.0
Foregut
Hindgut
Bodysite

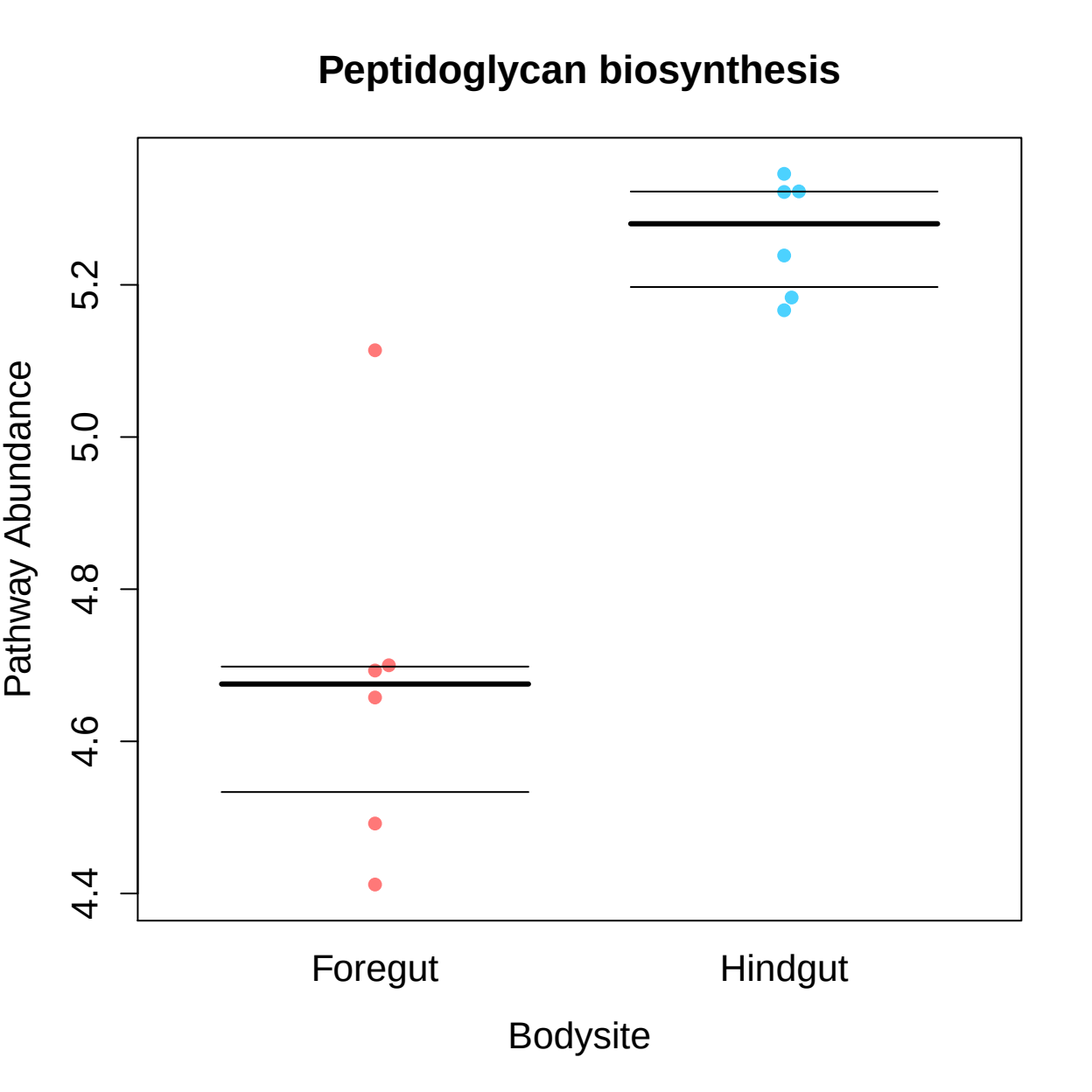

D−Glutamine and D−glutamate metabolism
Pathway Abundance
3.0
3.2
3.4
3.6
Foregut
Hindgut
Bodysite

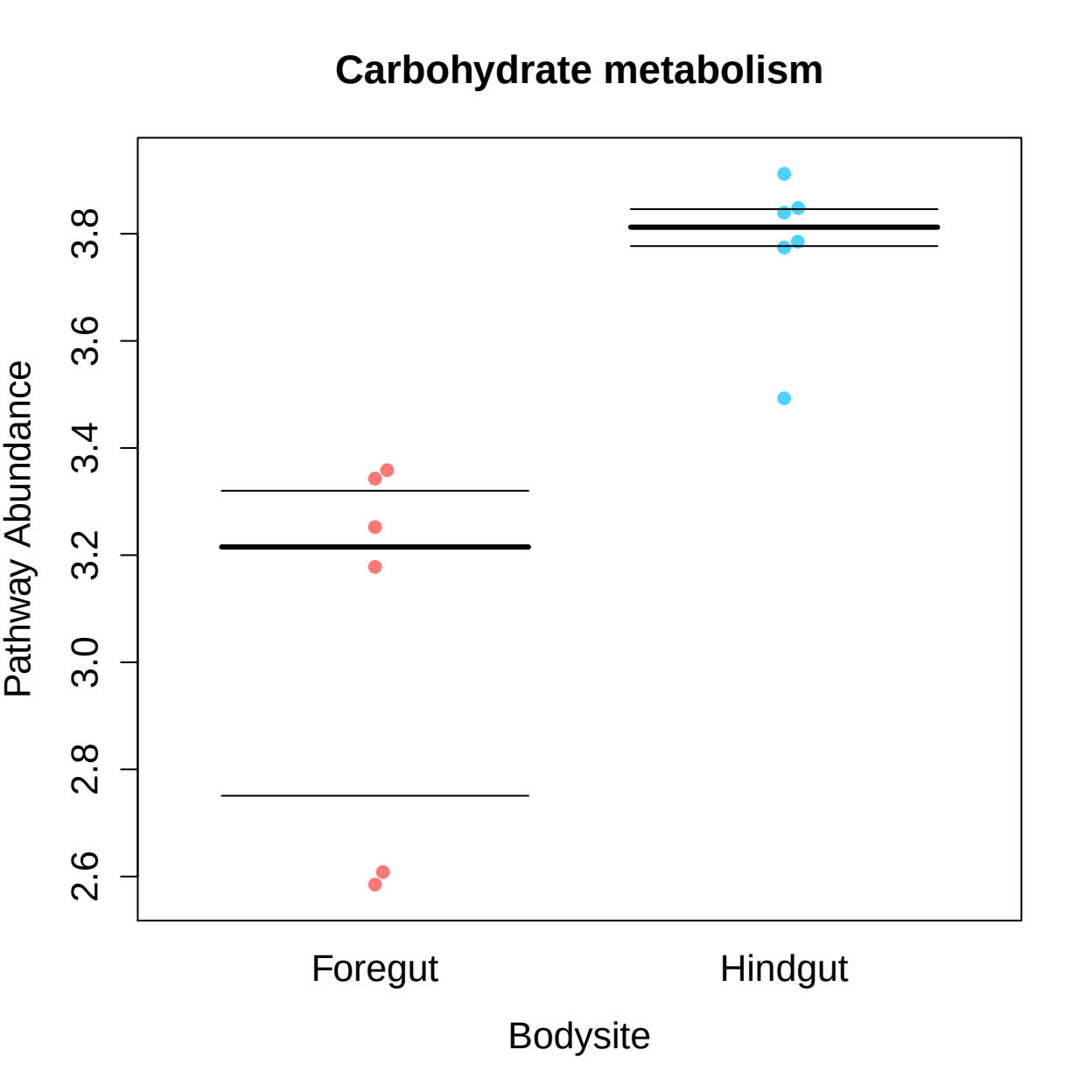

Fructose and mannose metabolism
Pathway Abundance
5.6
5.4
5.2
5.0
4.8
4.6
4.4
Foregut
Hindgut
Bodysite

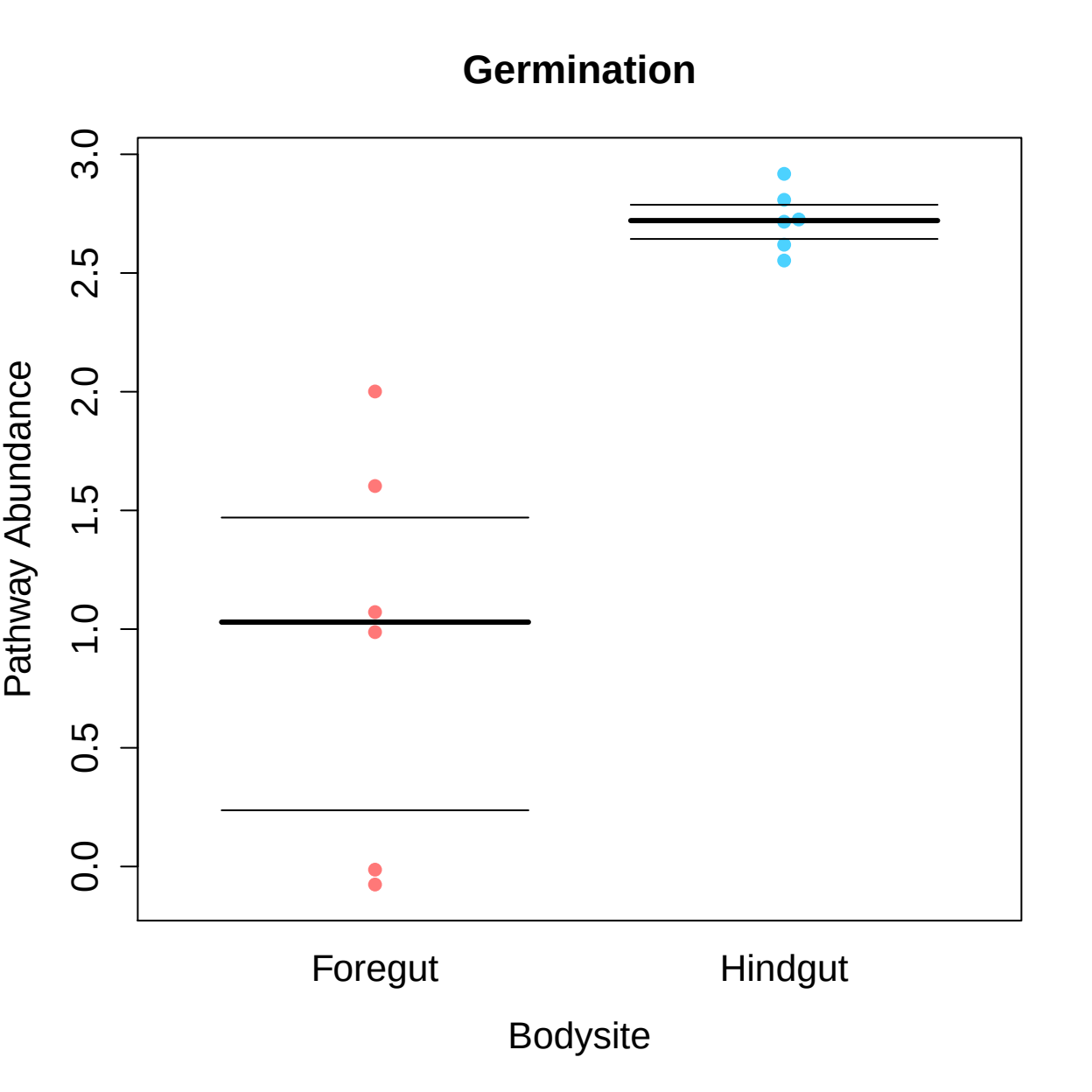

Glutamatergic synapse
Pathway Abundance
2.0
2.2
2.4
2.6
2.8
3.0
3.2
Foregut
Hindgut
Bodysite

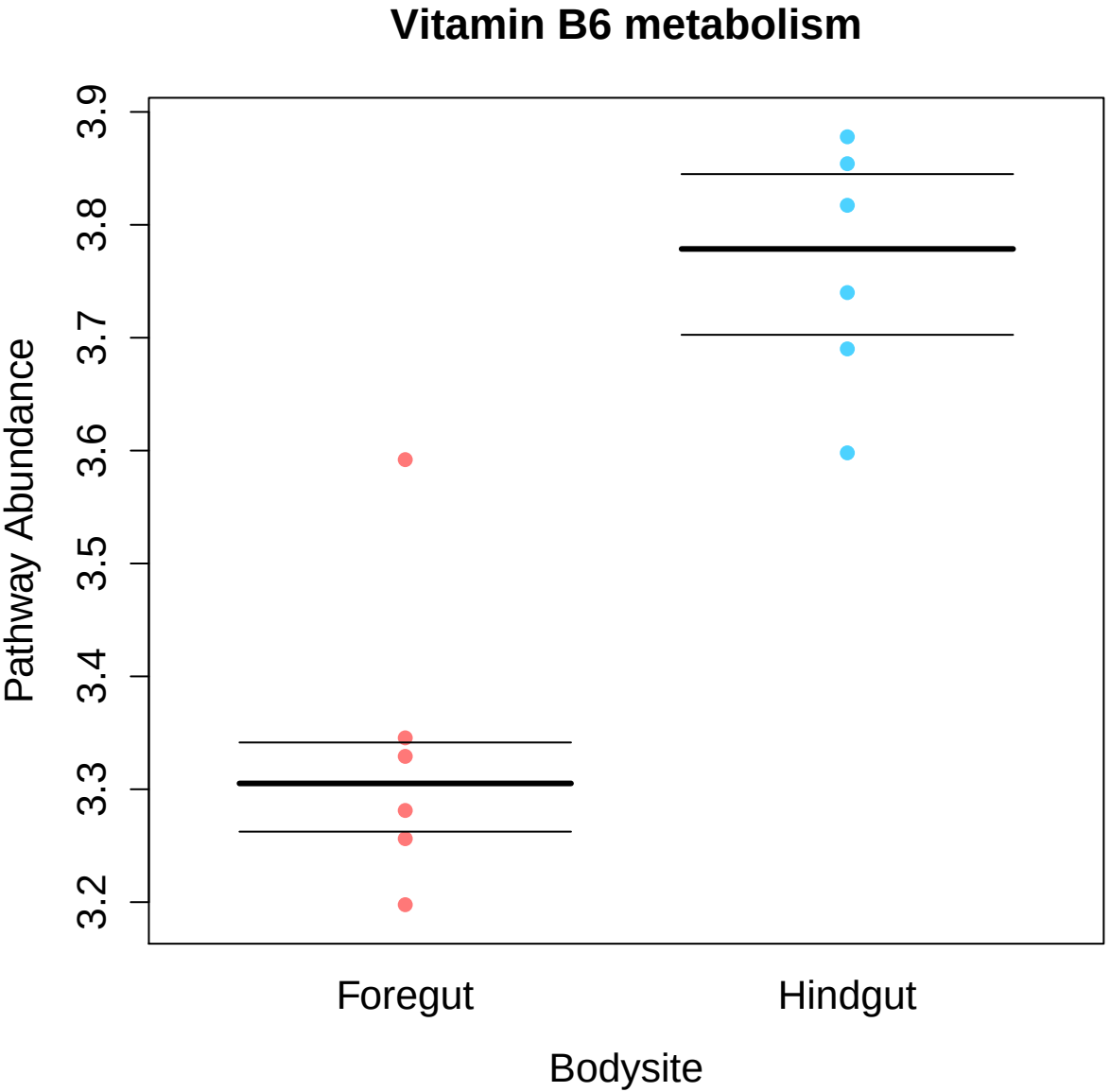

Mismatch repair
Pathway Abundance
4.4
4.6
4.8
5.0
5.2
Foregut
Hindgut
Bodysite

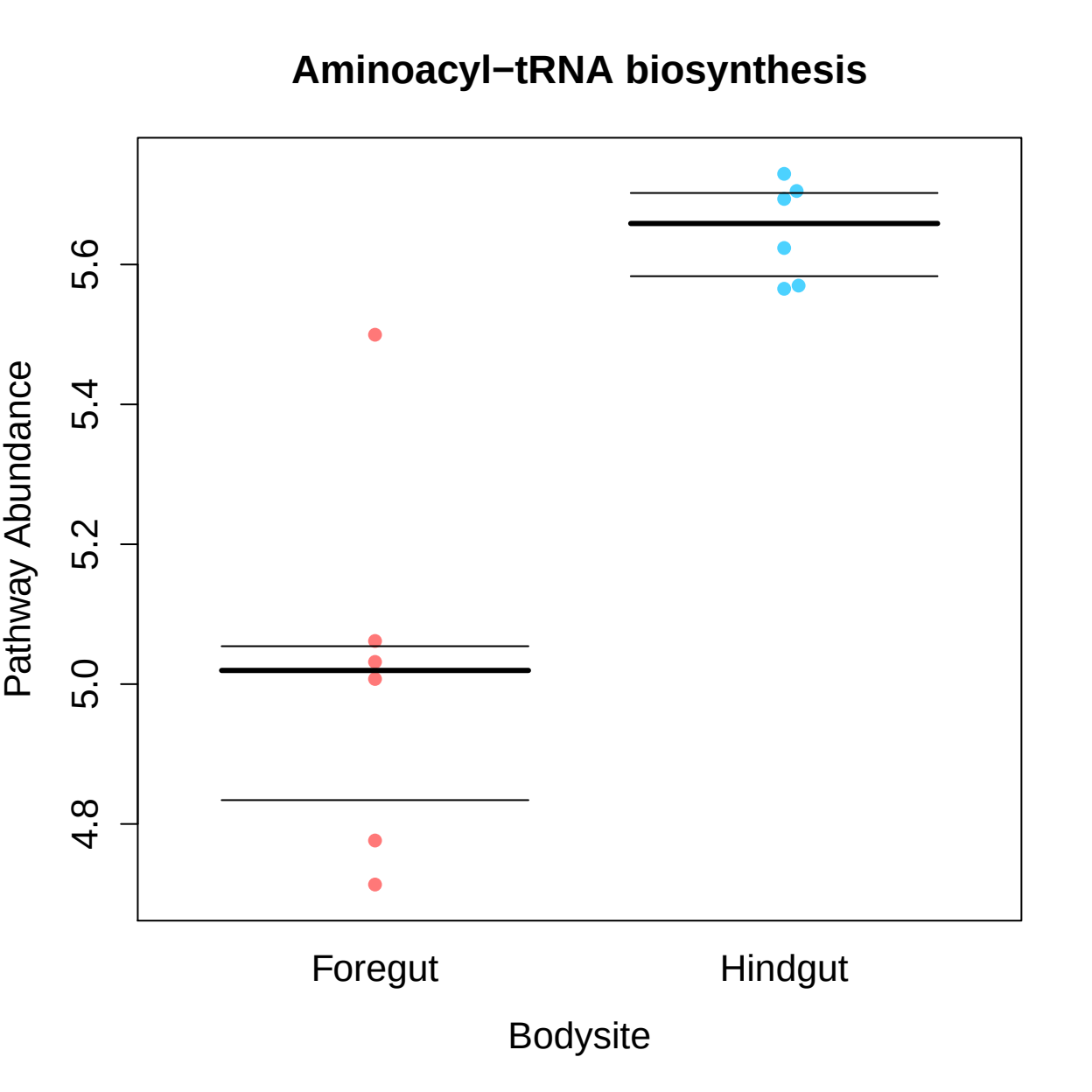

Peptidases
Pathway Abundance
6.0
5.8
5.6
5.4
5.2
Foregut
Hindgut
Bodysite

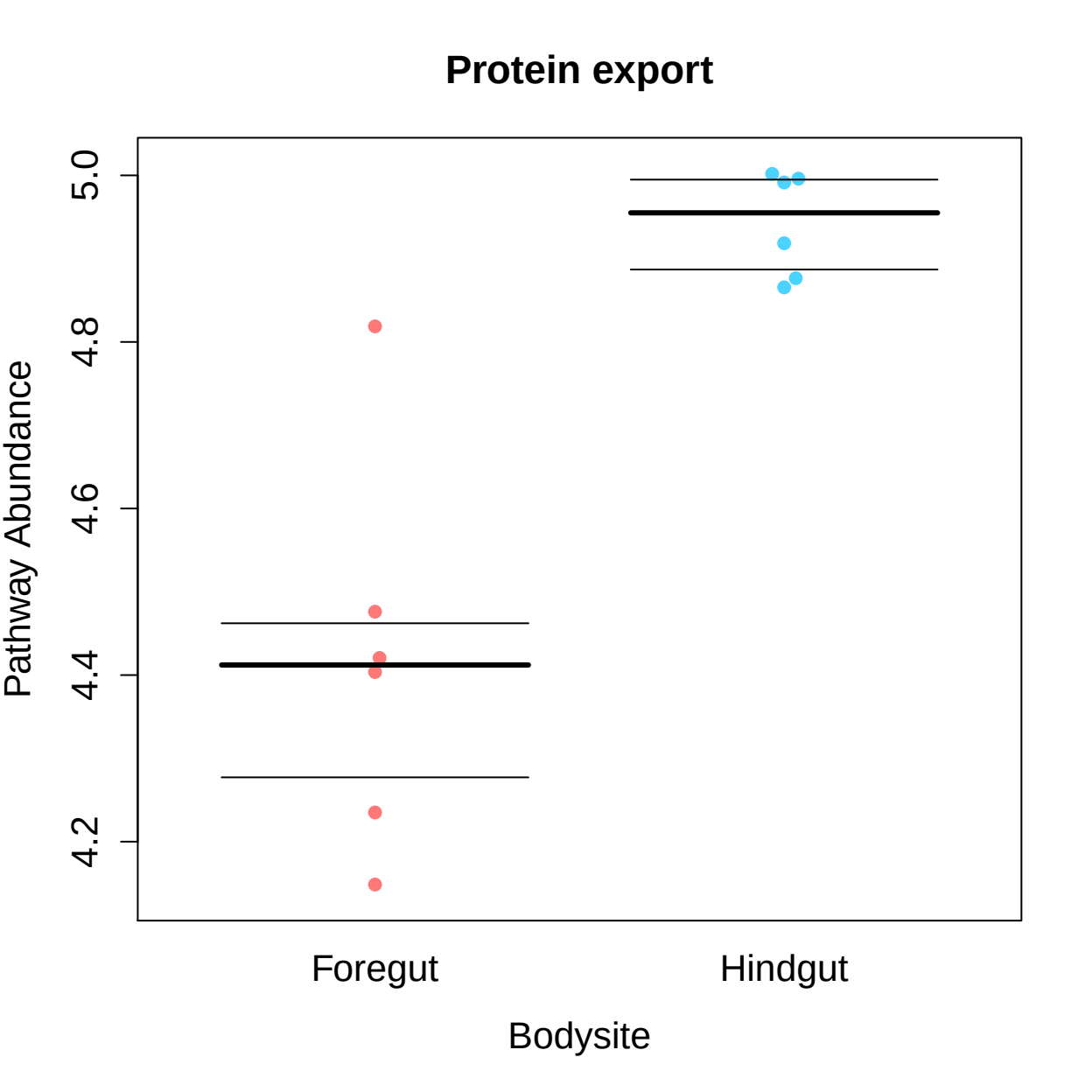

Peptidoglycan biosynthesis
Pathway Abundance
4.4
4.6
4.8
5.0
5.2
Foregut
Hindgut
Bodysite

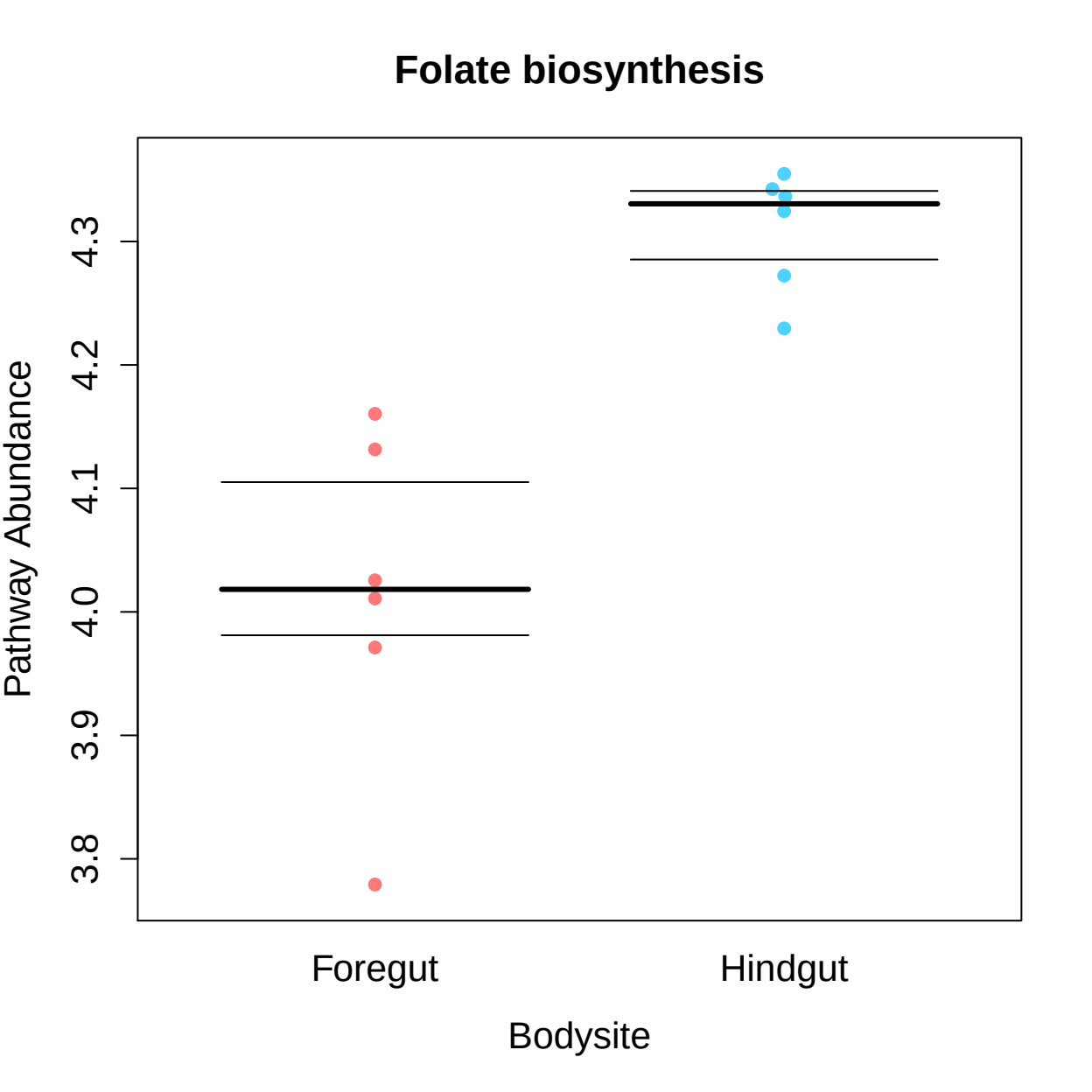

Carbohydrate metabolism
Pathway Abundance
2.6
2.8
3.0
3.2
3.4
3.6
3.8
Foregut
Hindgut
Bodysite

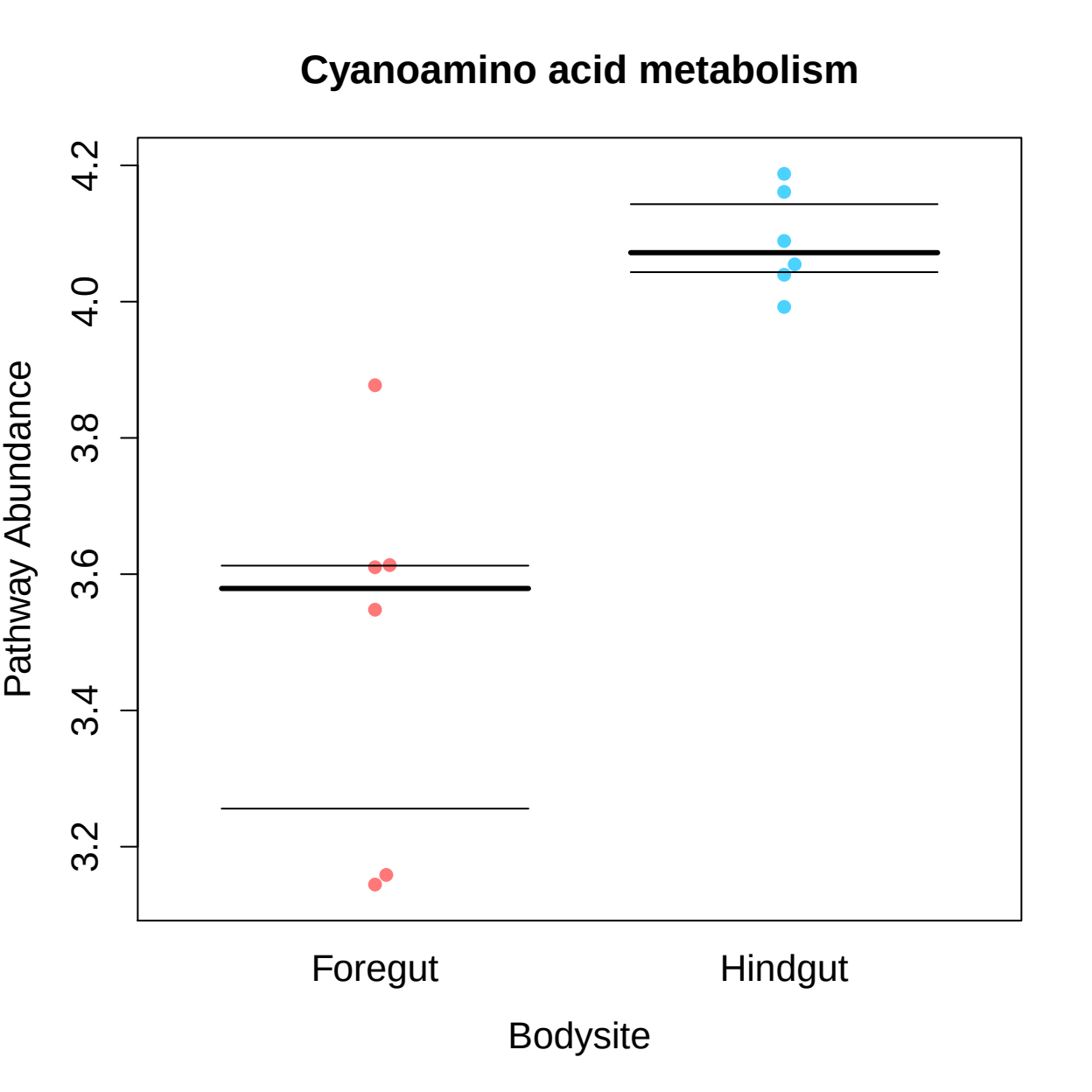

Germination
Pathway Abundance
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Foregut
Hindgut
Bodysite

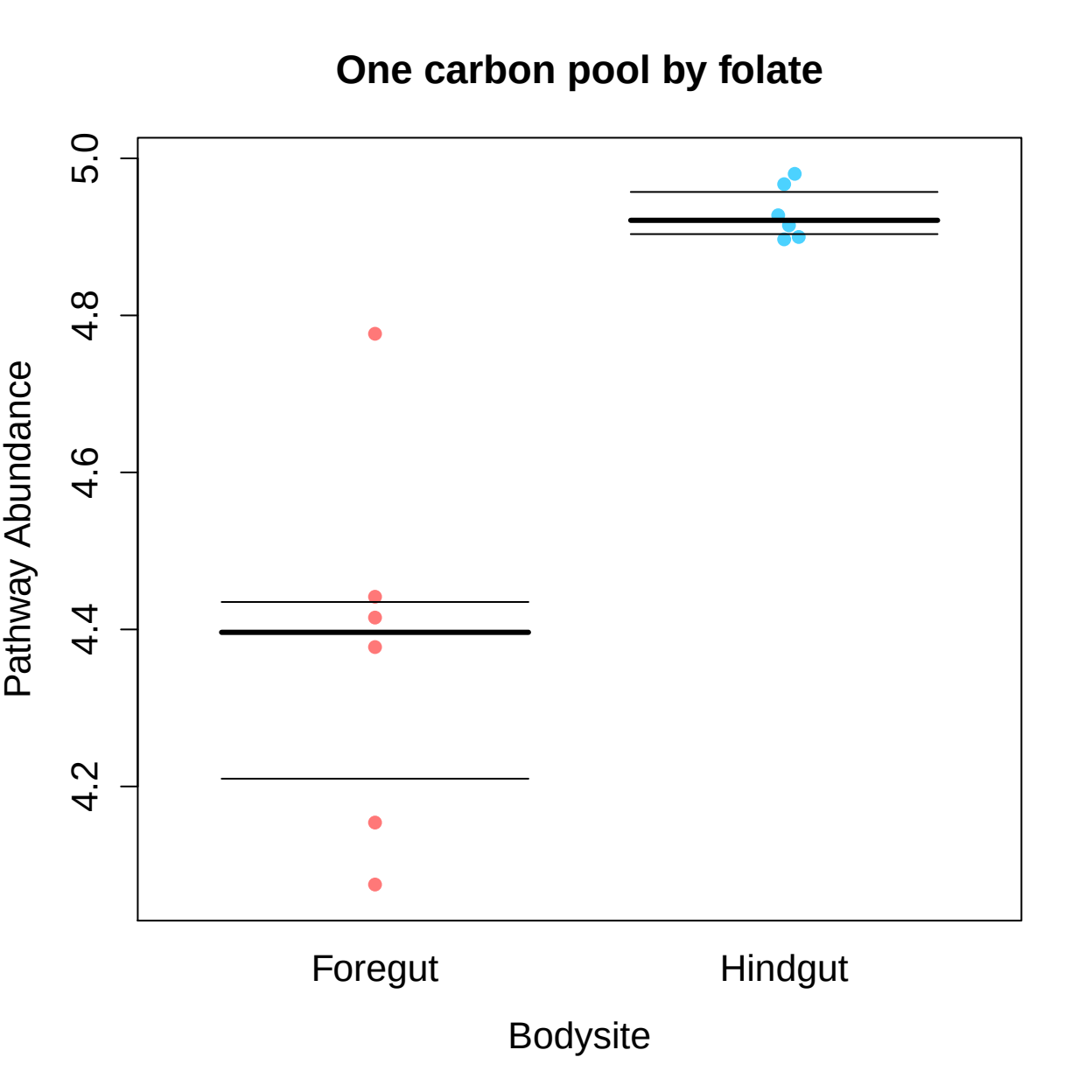

Vitamin B6 metabolism
Pathway Abundance
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
Foregut
Hindgut
Bodysite

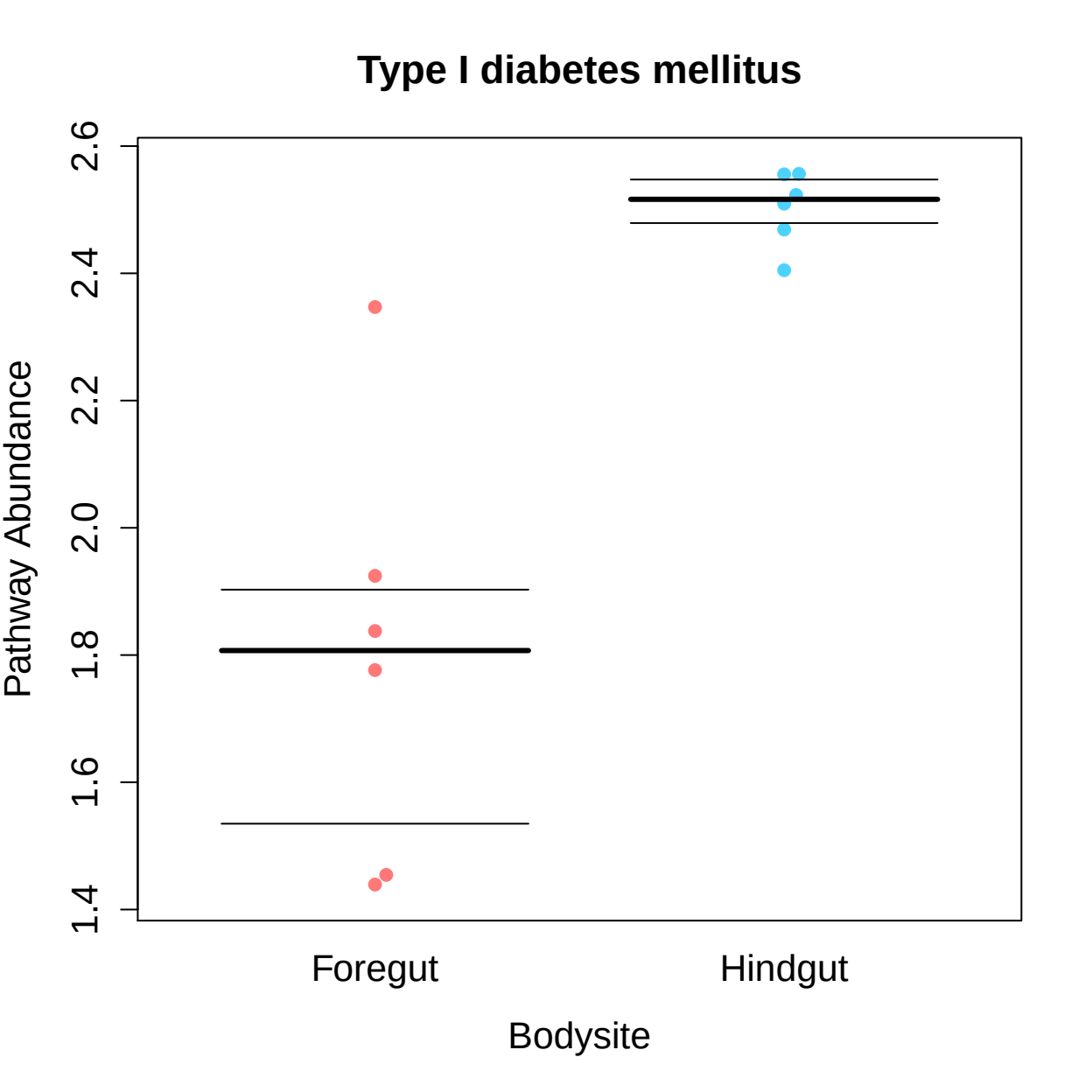

Aminoacyl−tRNA biosynthesis
Pathway Abundance
4.8
5.0
5.2
5.4
5.6
Foregut
Hindgut
Bodysite

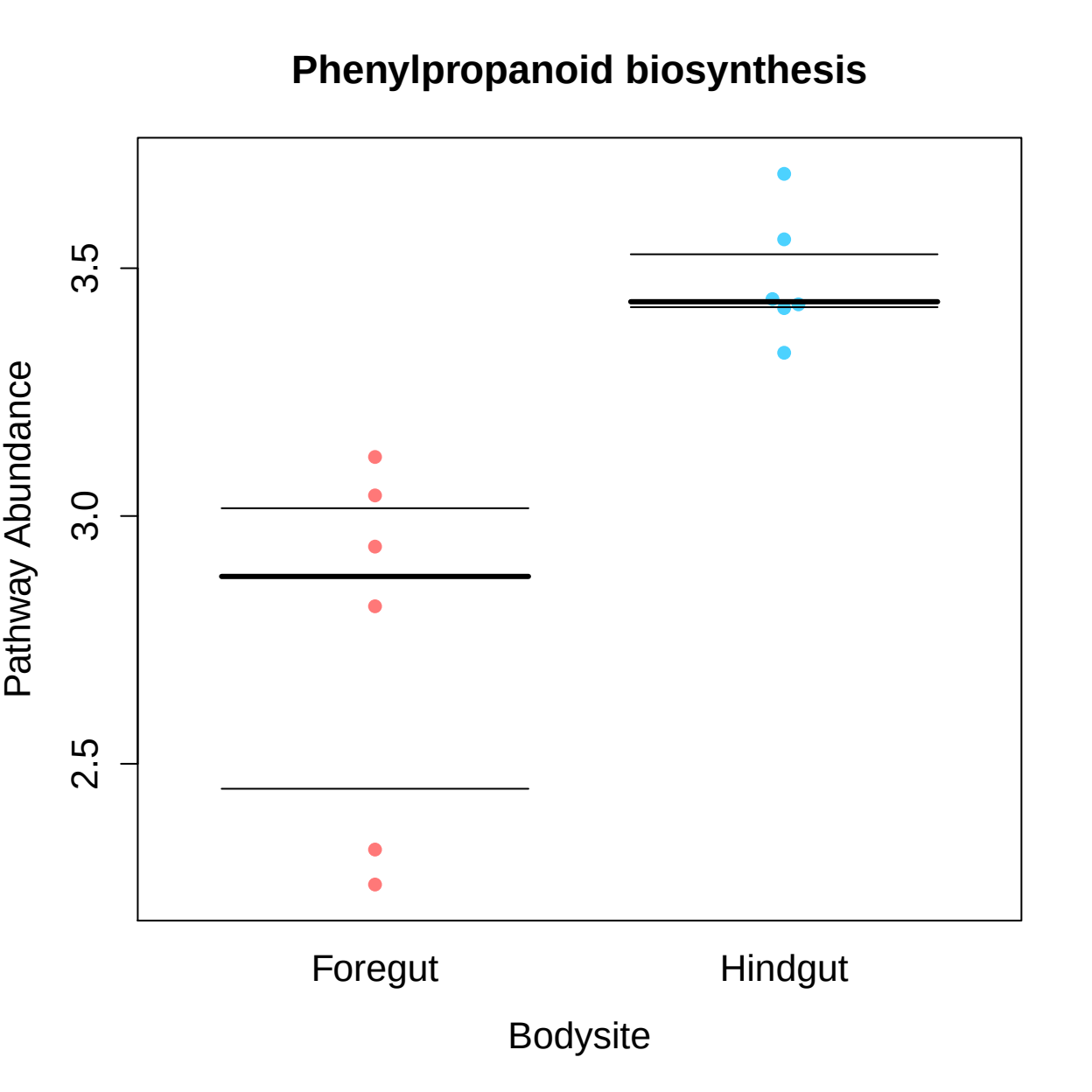

Protein export
Pathway Abundance
5.0
4.8
4.6
4.4
4.2
Foregut
Hindgut
Bodysite

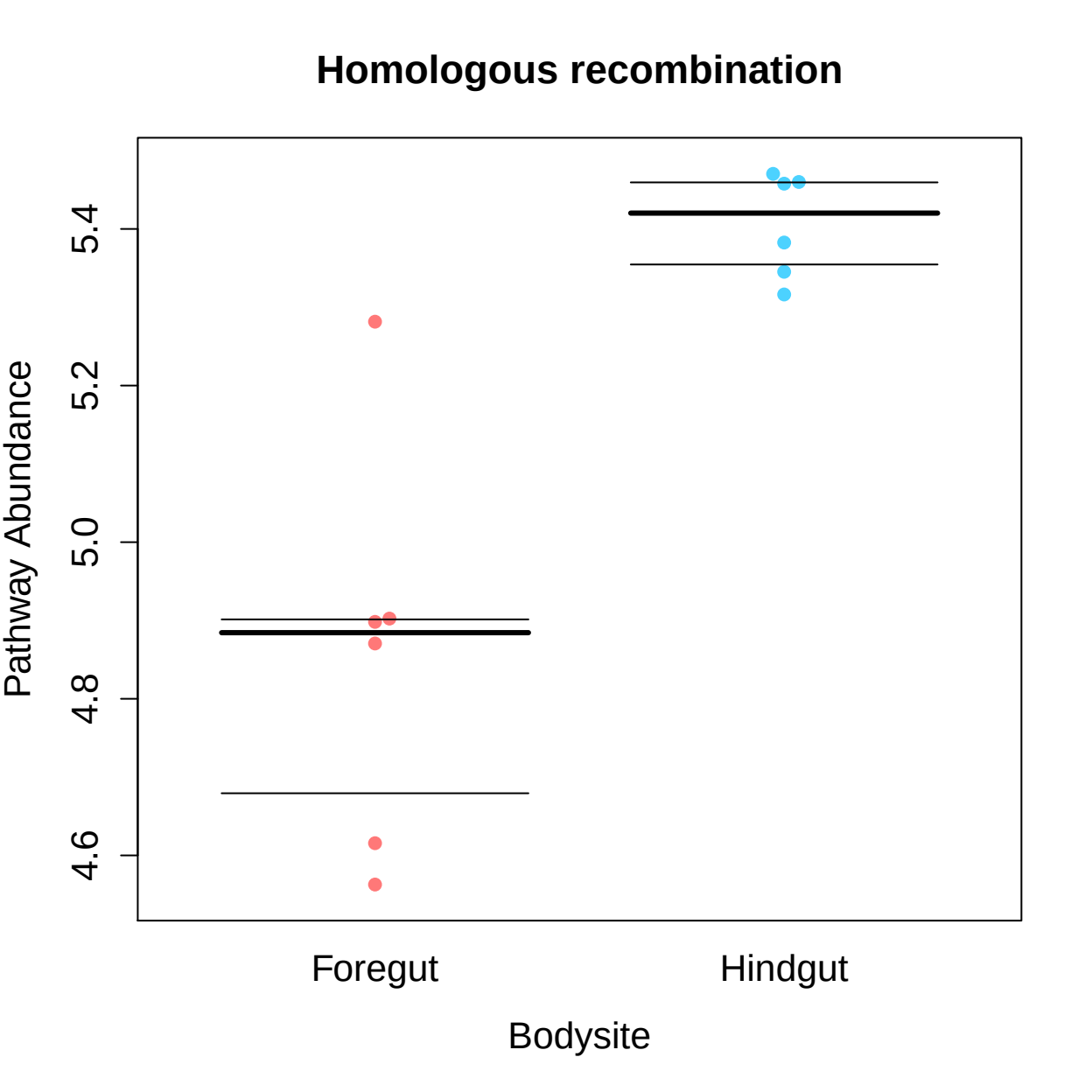

Folate biosynthesis
Pathway Abundance
3.8
3.9
4.0
4.1
4.2
4.3
Foregut
Hindgut
Bodysite

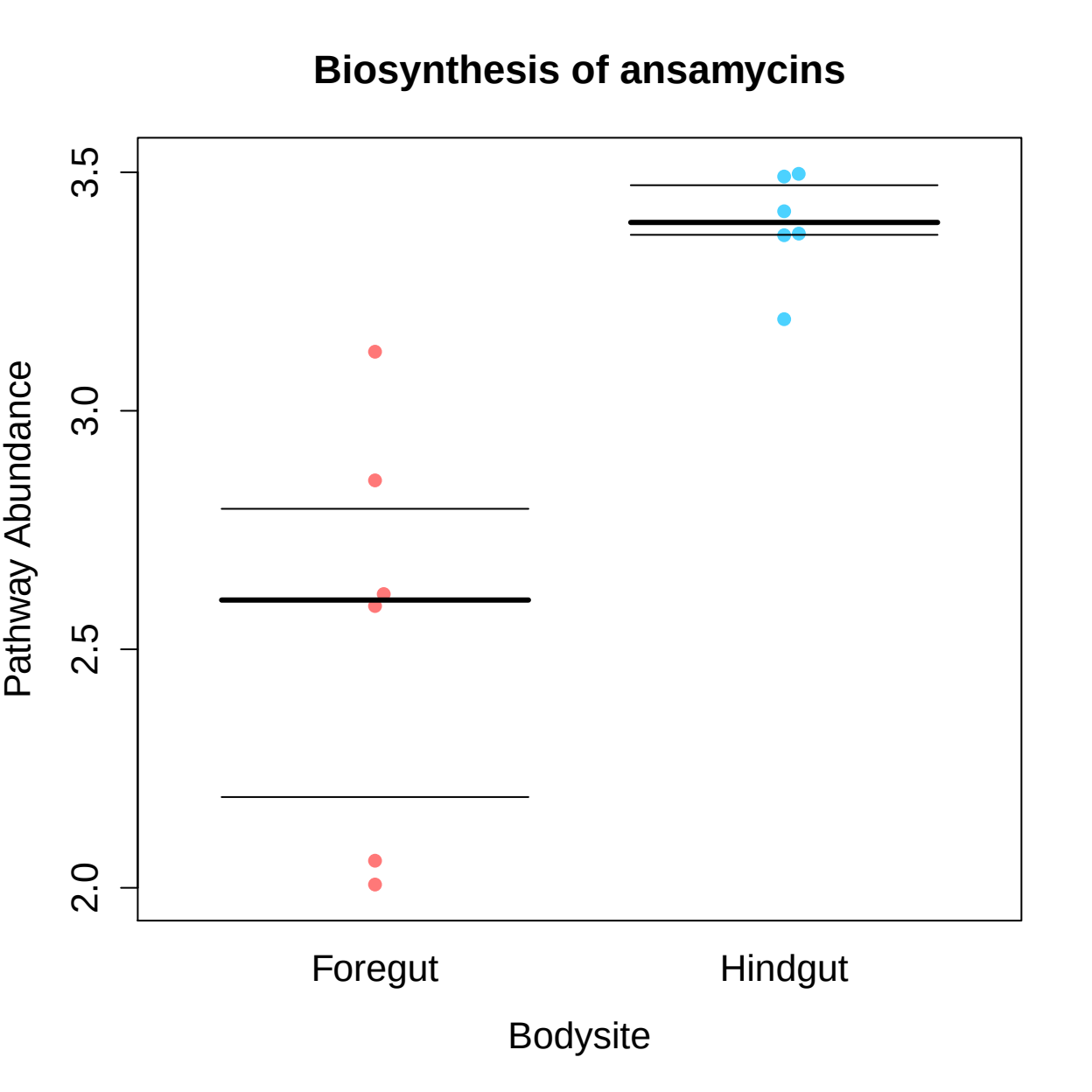

Cyanoamino acid metabolism
Pathway Abundance
4.2
4.0
3.8
3.6
3.4
3.2
Foregut
Hindgut
Bodysite

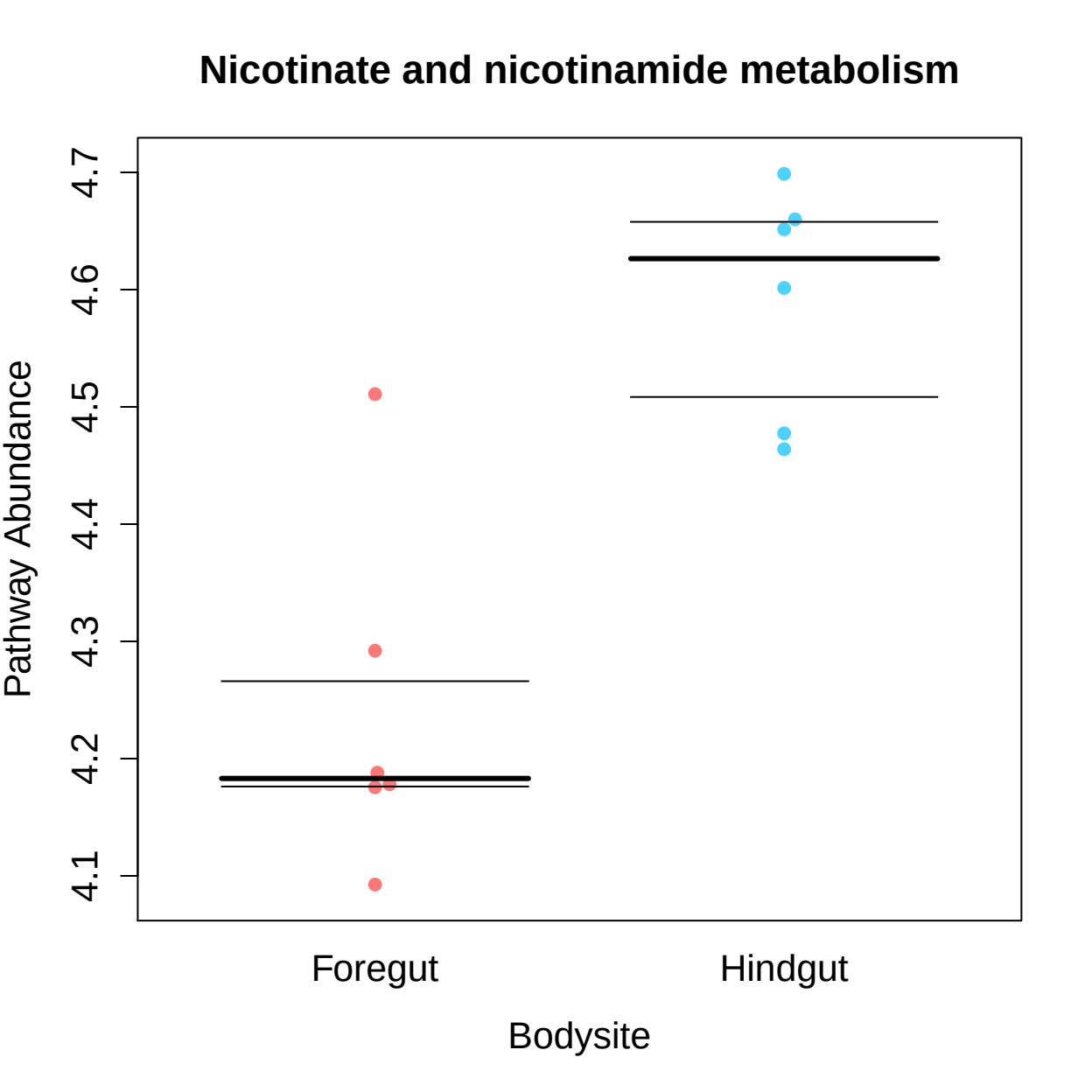

One carbon pool by folate
Pathway Abundance
5.0
4.8
4.6
4.4
4.2
Foregut
Hindgut
Bodysite

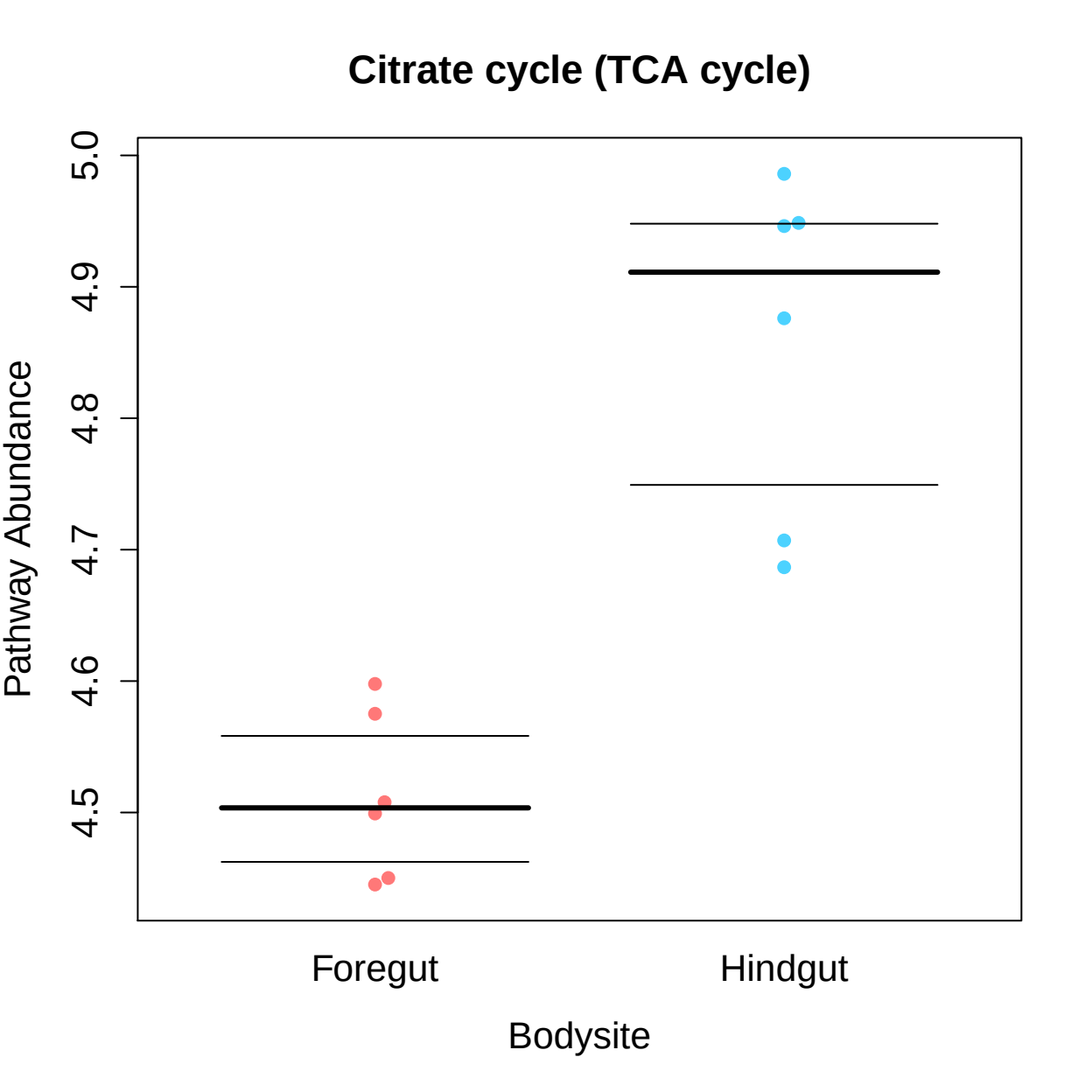

Type I diabetes mellitus
Pathway Abundance
2.6
2.4
2.2
2.0
1.8
1.6
1.4
Foregut
Hindgut
Bodysite

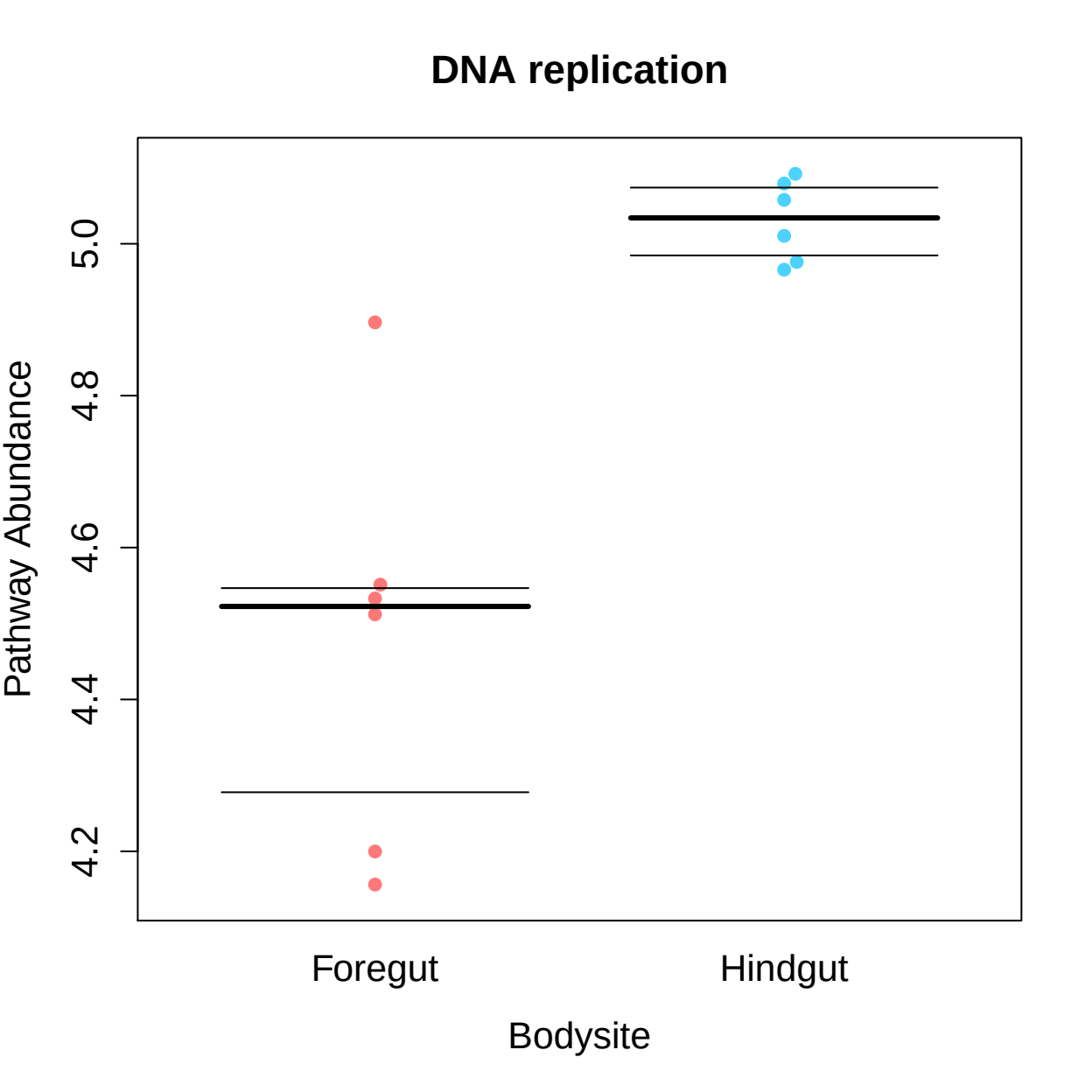

Phenylpropanoid biosynthesis
Pathway Abundance
2.5
3.0
3.5
Foregut
Hindgut
Bodysite

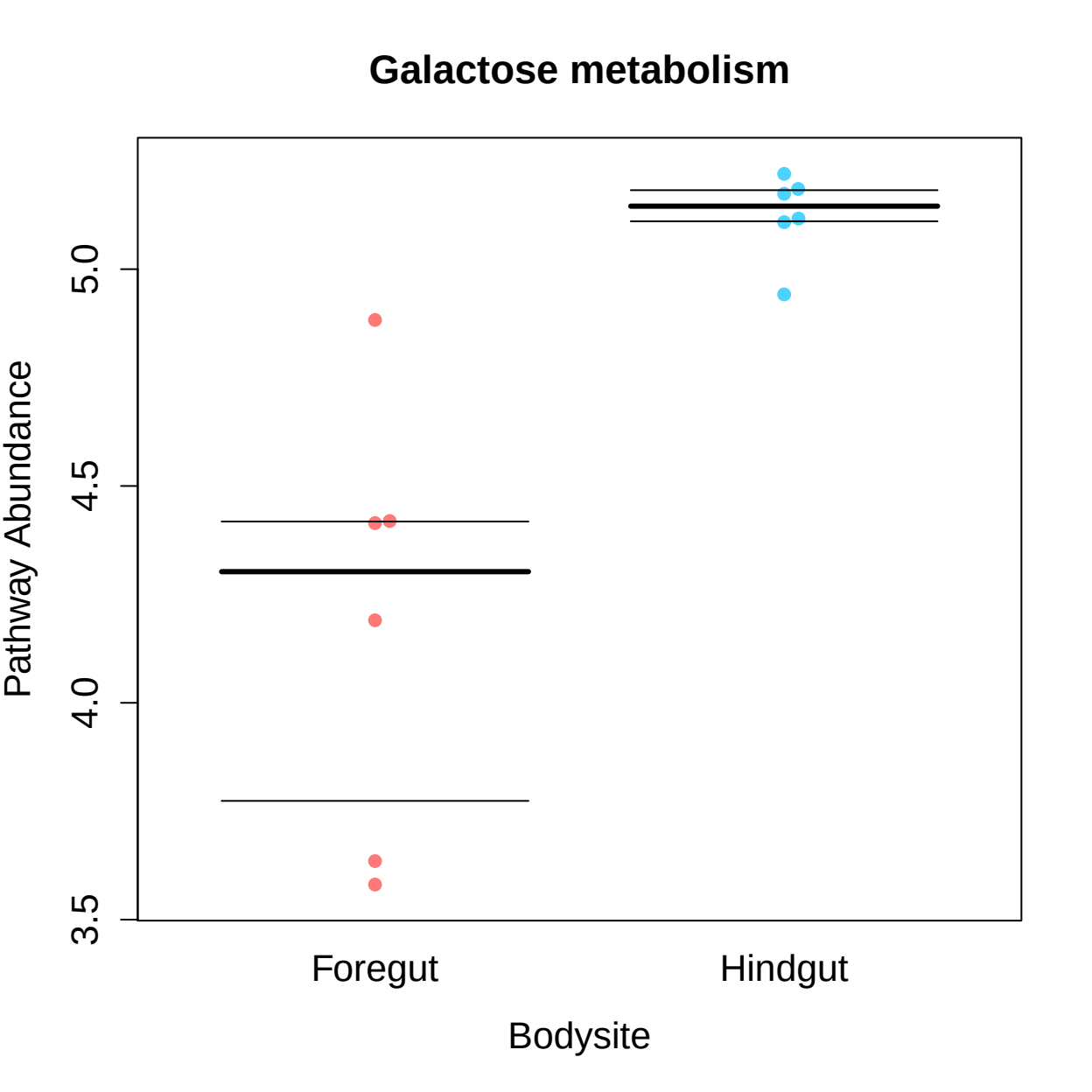

Homologous recombination
Pathway Abundance
4.6
4.8
5.0
5.2
5.4
Foregut
Hindgut
Bodysite

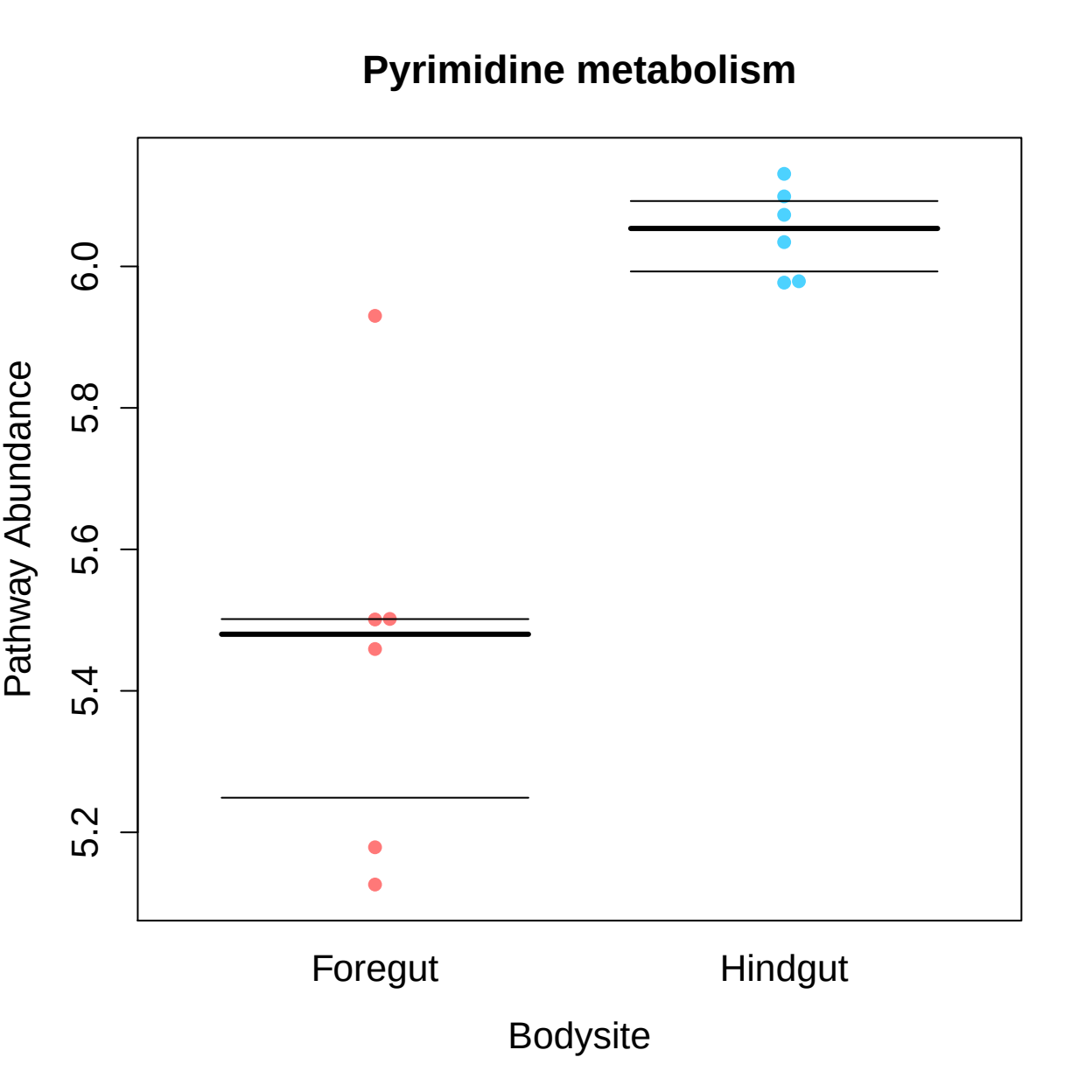

Biosynthesis of ansamycins
Pathway Abundance
2.0
2.5
3.0
3.5
Foregut
Hindgut
Bodysite

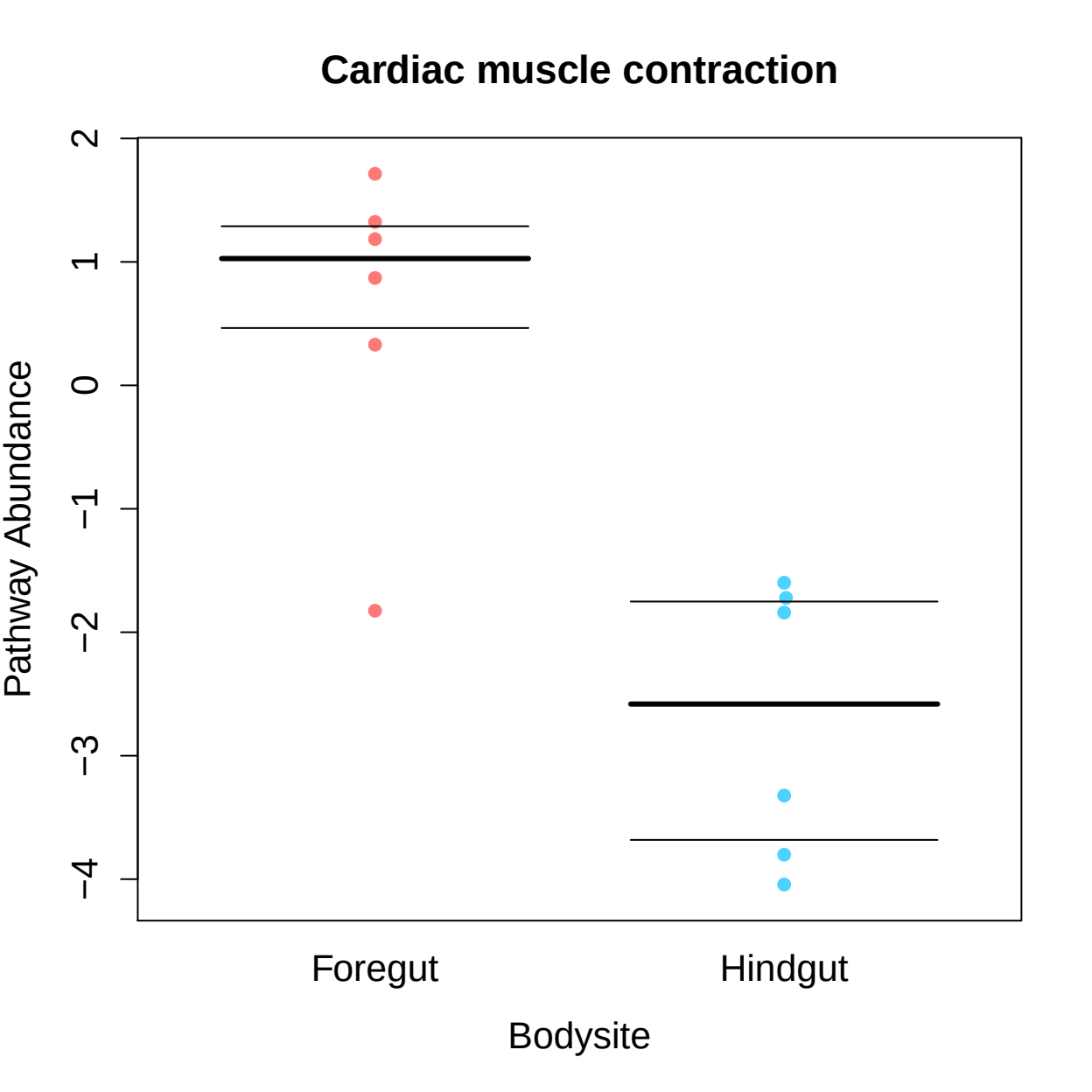

Nicotinate and nicotinamide metabolism
Pathway Abundance
4.1
4.2
4.3
4.4
4.5
4.6
4.7
Foregut
Hindgut
Bodysite

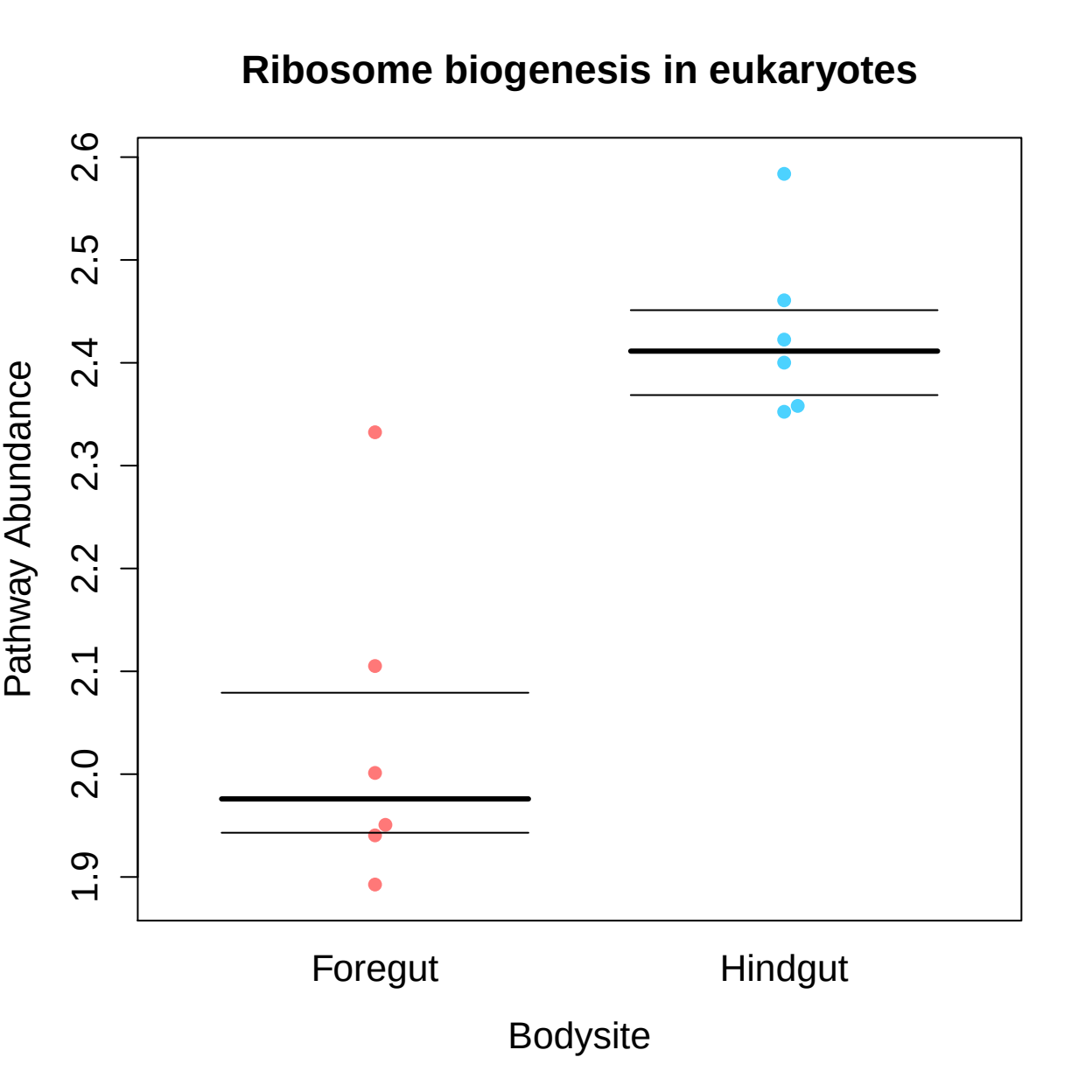

Citrate cycle (TCA cycle)
Pathway Abundance
5.0
4.9
4.8
4.7
4.6
4.5
Foregut
Hindgut
Bodysite

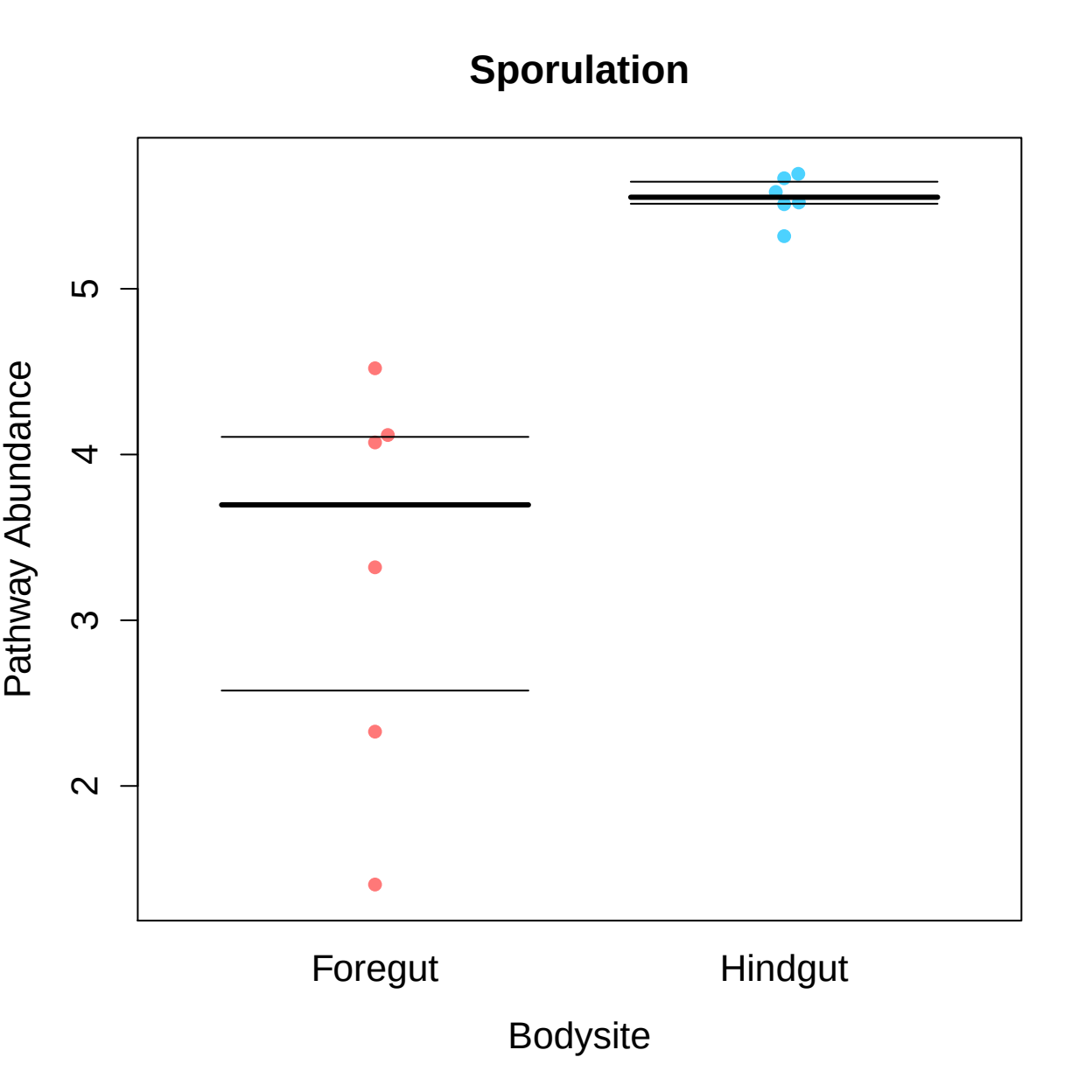

DNA replication
Pathway Abundance
5.0
4.8
4.6
4.4
4.2
Foregut
Hindgut
Bodysite

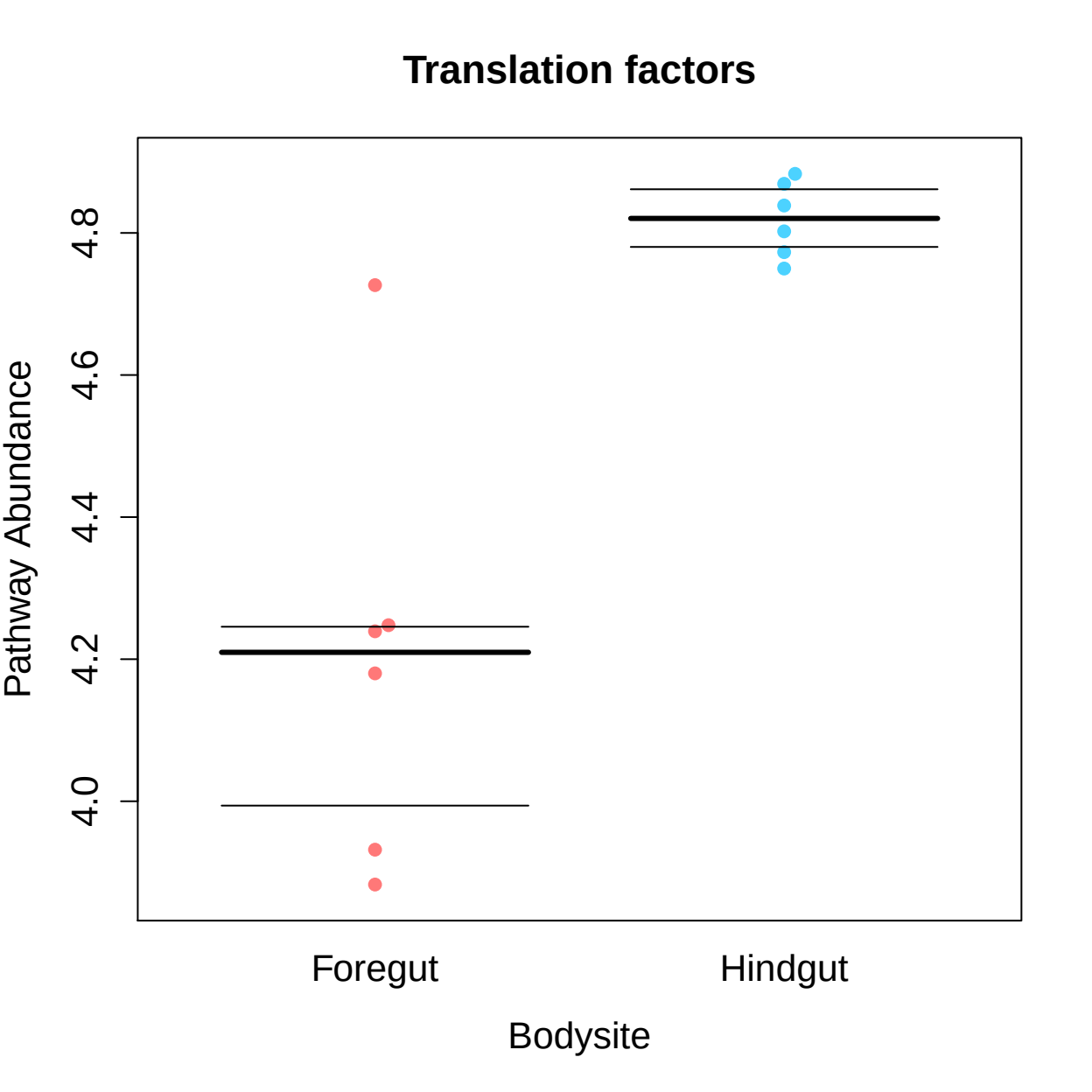

Galactose metabolism
Pathway Abundance
5.0
4.5
4.0
3.5
Foregut
Hindgut
Bodysite

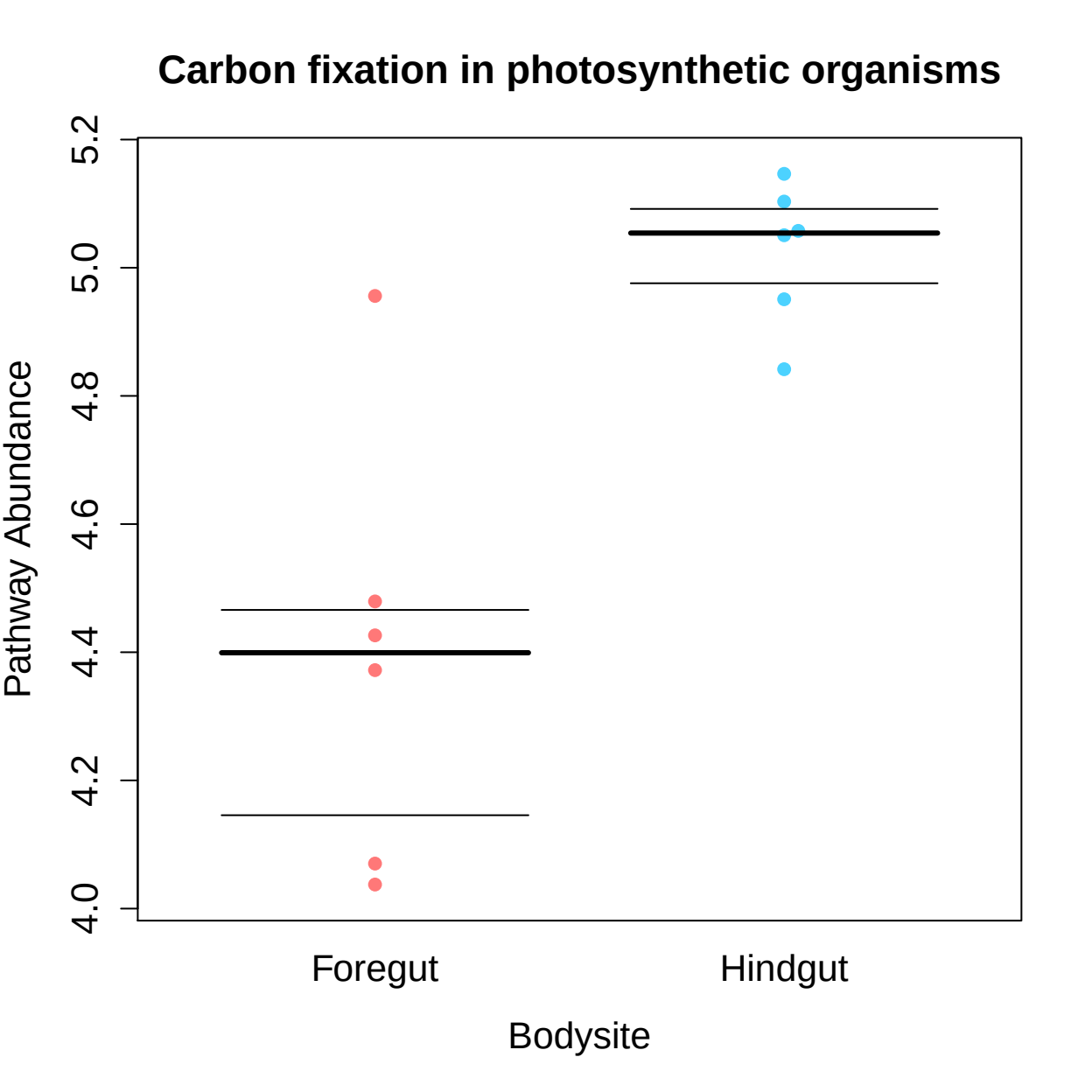

Pyrimidine metabolism
Pathway Abundance
5.2
5.4
5.6
5.8
6.0
Foregut
Hindgut
Bodysite

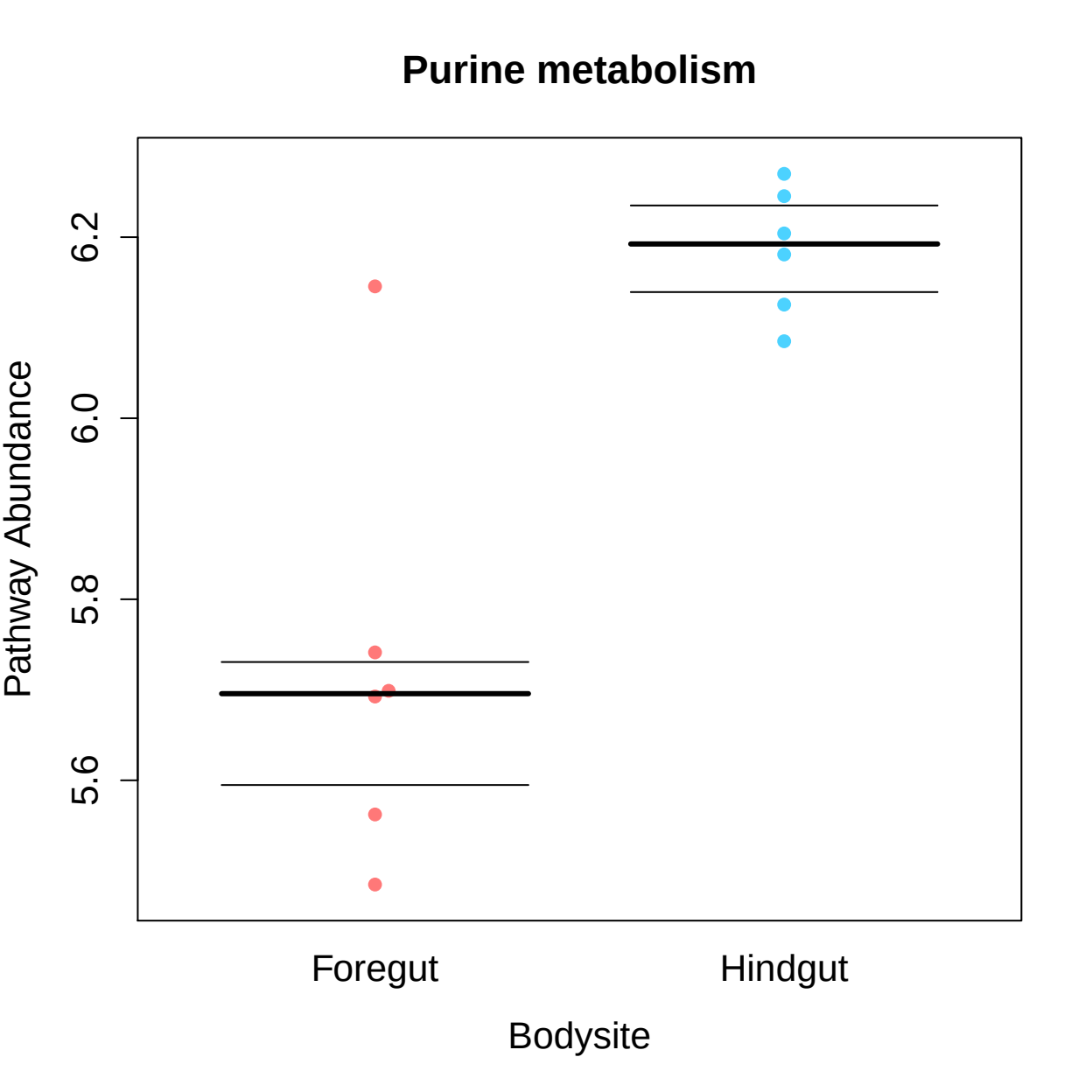

Cardiac muscle contraction
Pathway Abundance
2
1
0
−1
−2
−3
−4
Foregut
Hindgut
Bodysite

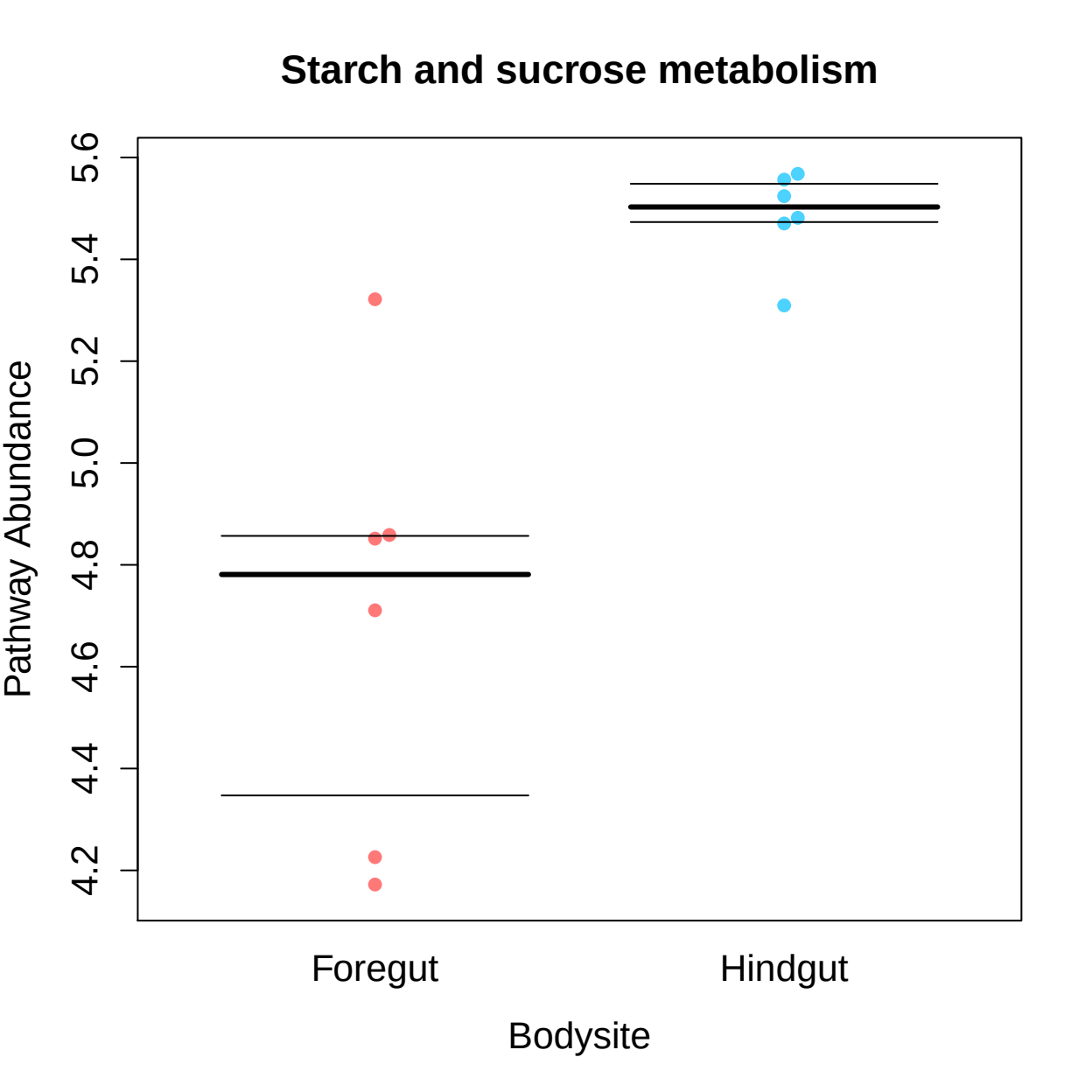

Ribosome biogenesis in eukaryotes
Pathway Abundance
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
Foregut
Hindgut
Bodysite

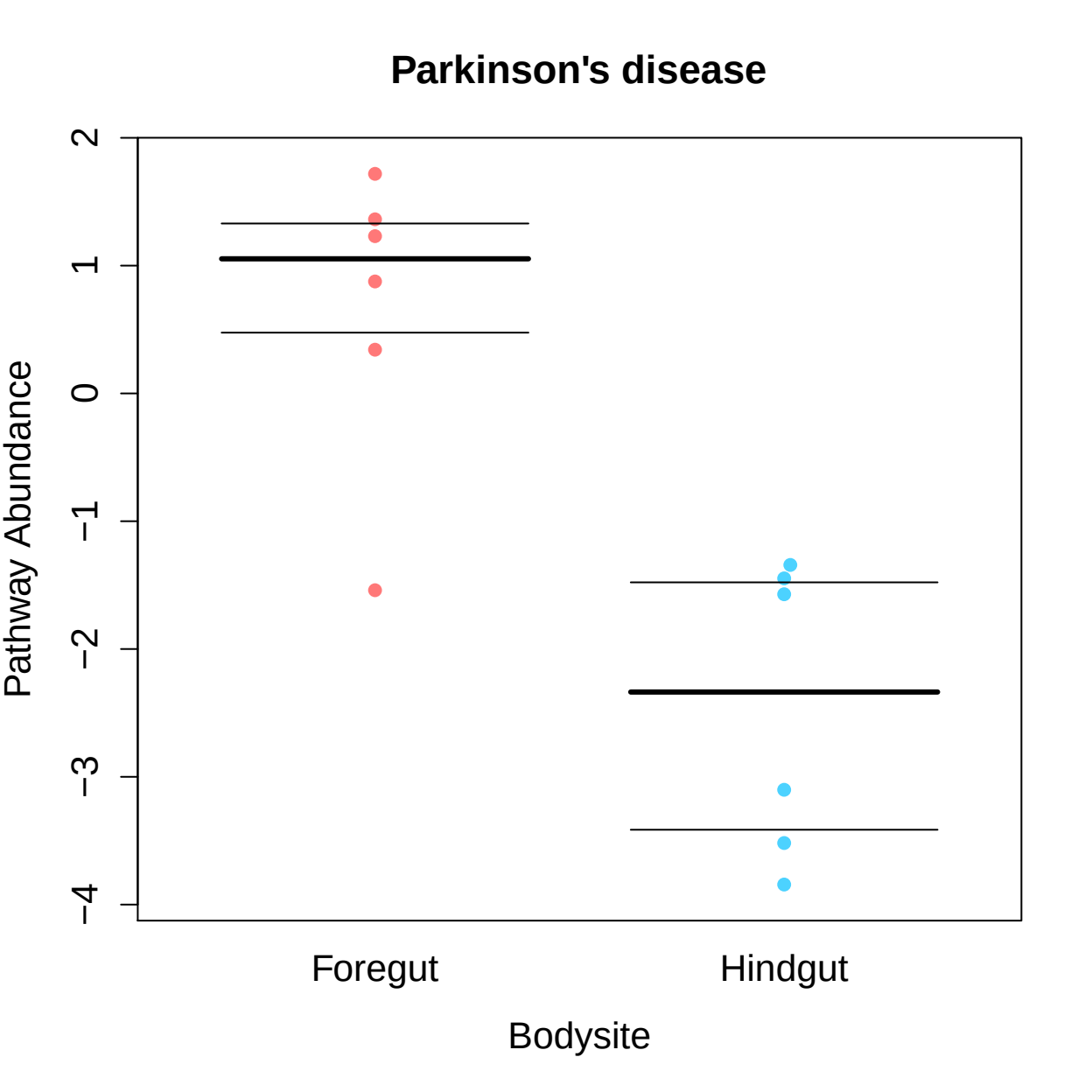

Sporulation
Pathway Abundance
2
3
4
5
Foregut
Hindgut
Bodysite

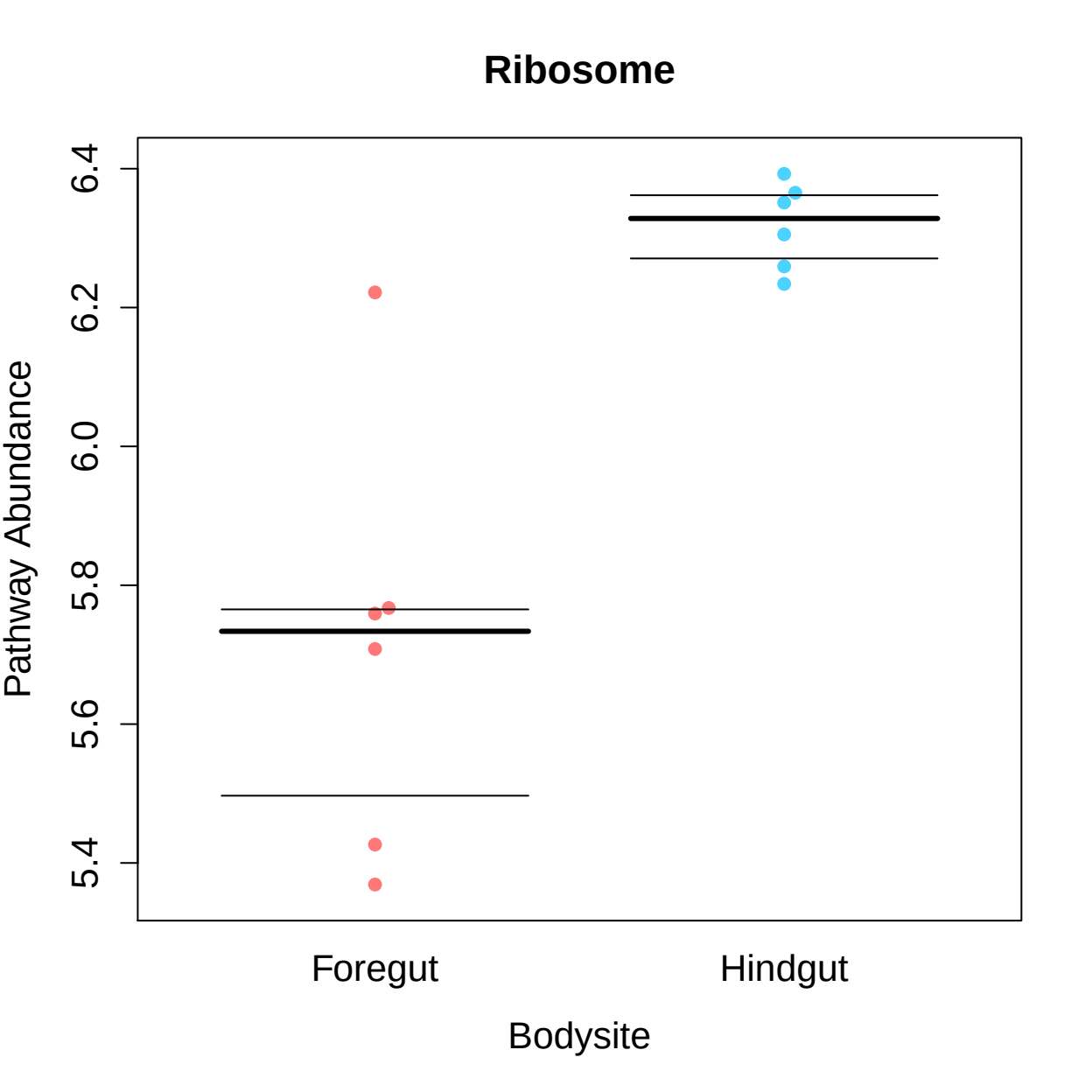

Translation factors
Pathway Abundance
4.0
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

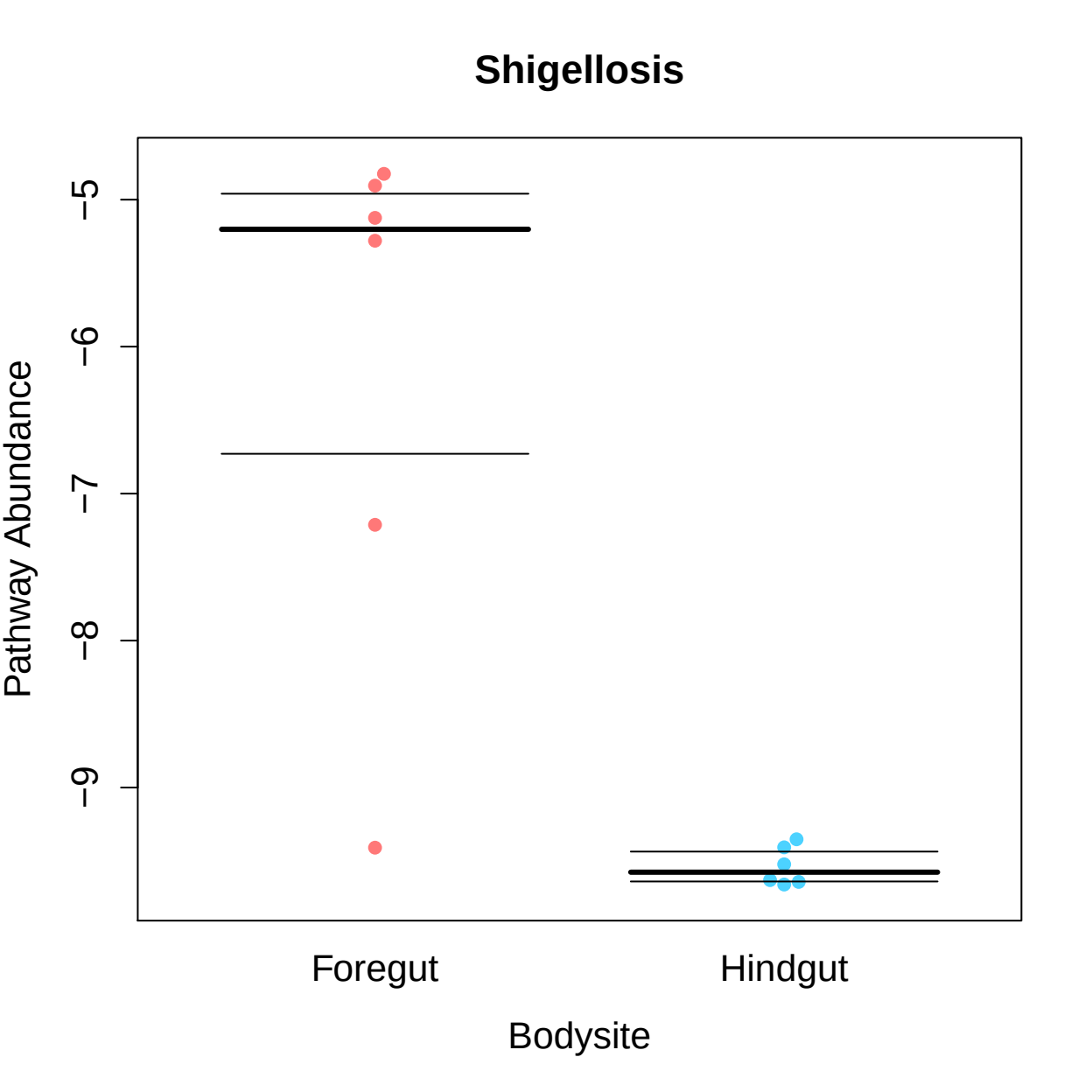

Carbon fixation in photosynthetic organisms
Pathway Abundance
5.2
5.0
4.8
4.6
4.4
4.2
4.0
Foregut
Hindgut
Bodysite

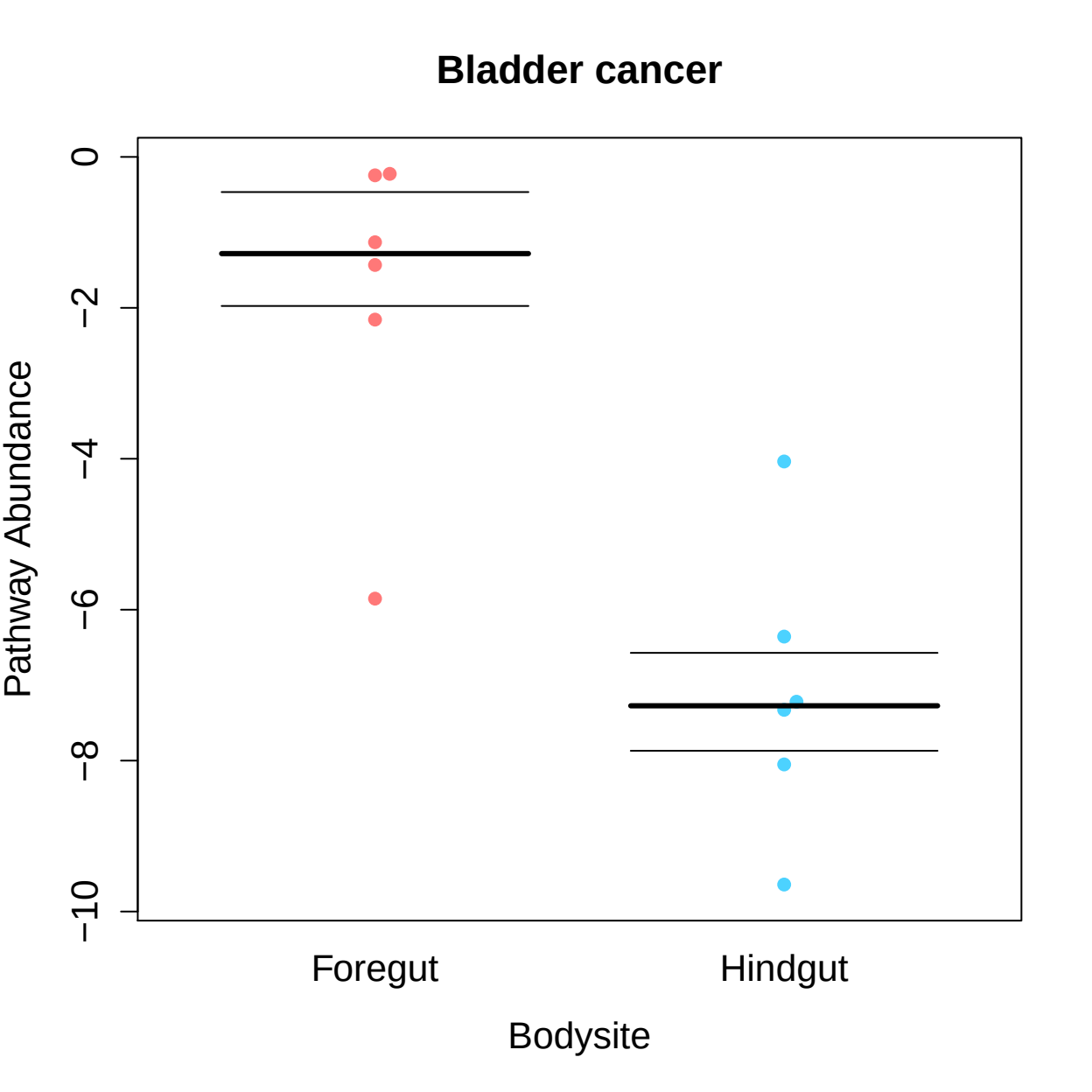

Purine metabolism
Pathway Abundance
6.2
6.0
5.8
5.6
Foregut
Hindgut
Bodysite

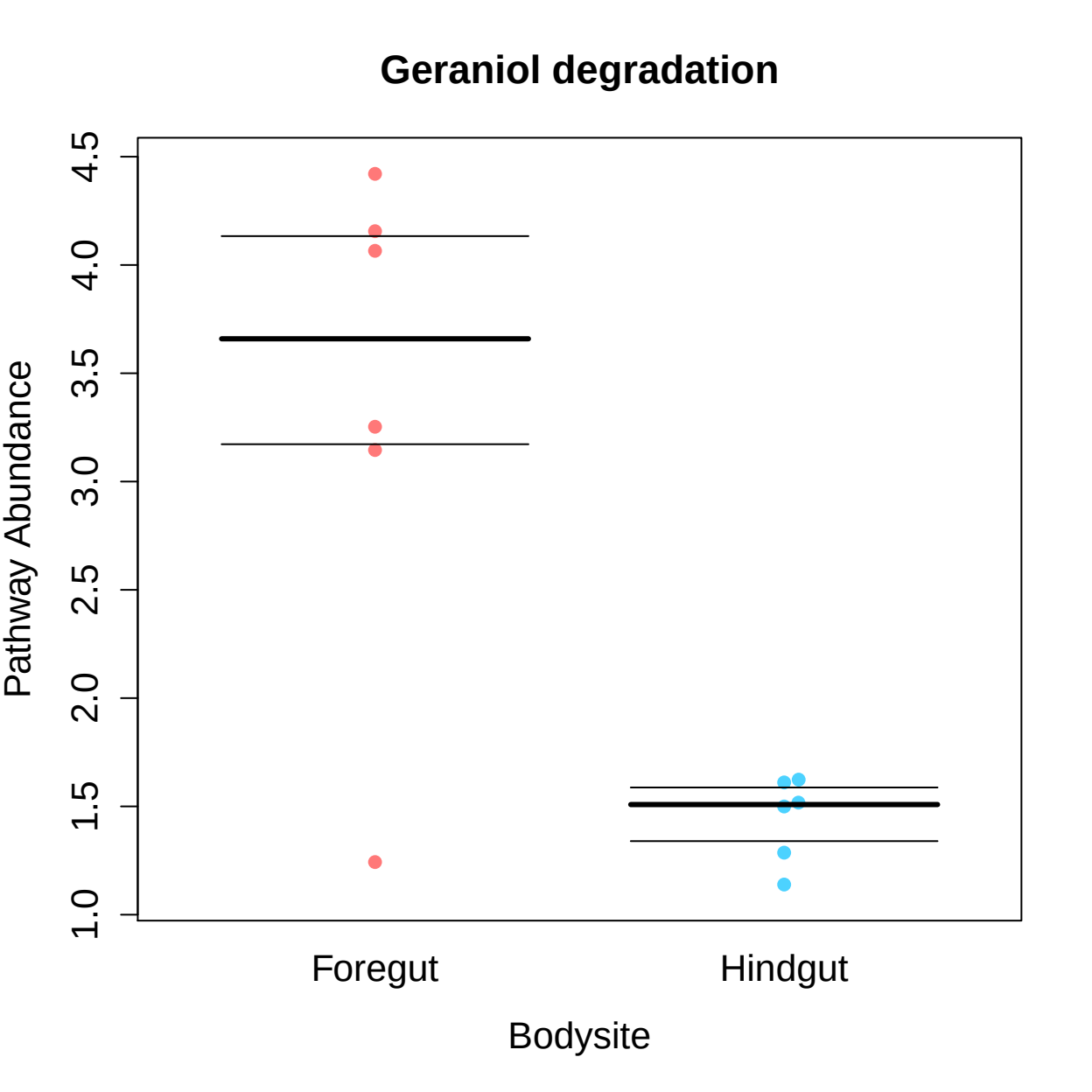

Starch and sucrose metabolism
Pathway Abundance
4.2
4.4
4.6
4.8
5.0
5.2
5.4
5.6
Foregut
Hindgut
Bodysite

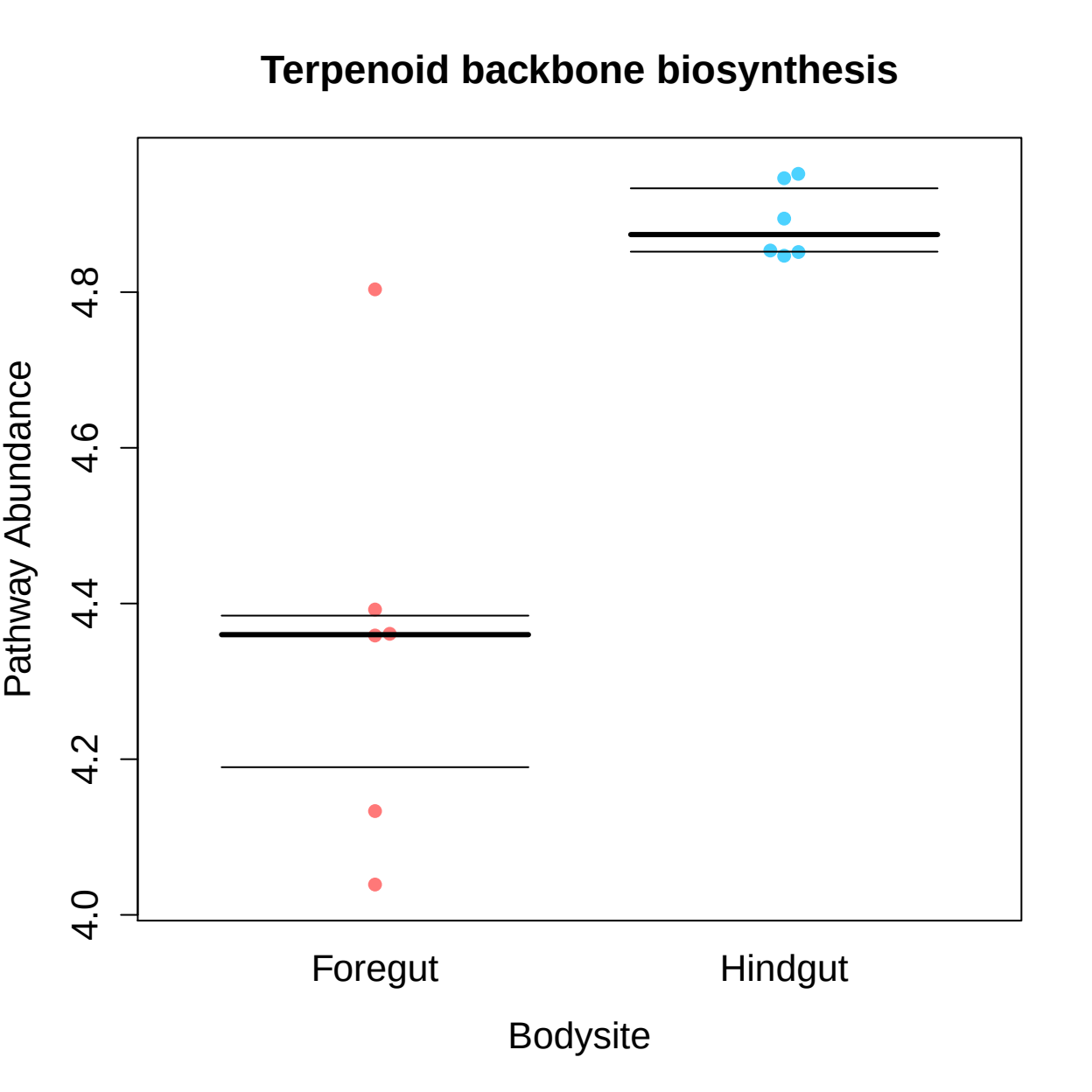

Parkinson's disease
Pathway Abundance
2
1
0
−1
−2
−3
−4
Foregut
Hindgut
Bodysite

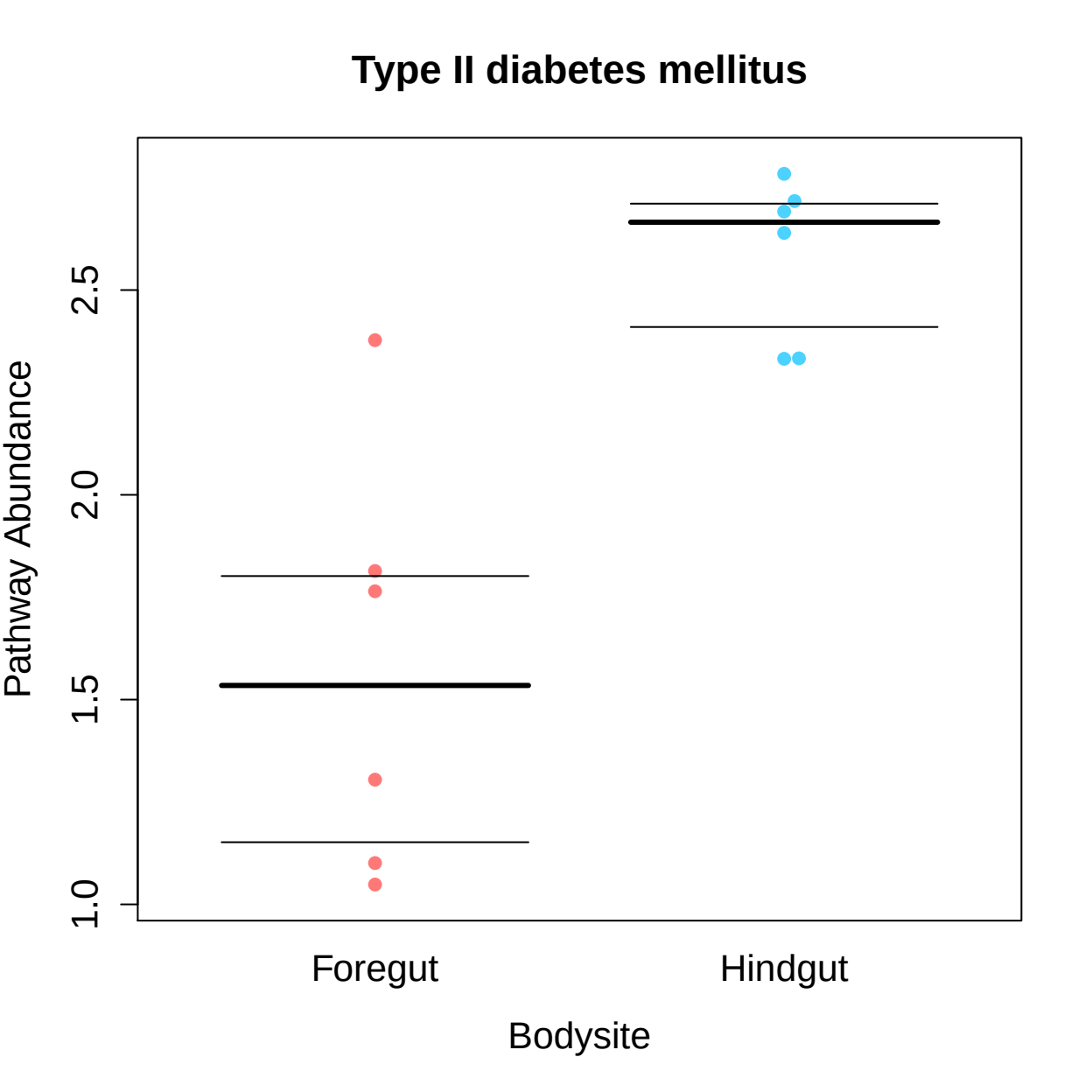

Ribosome
Pathway Abundance
6.4
6.2
6.0
5.8
5.6
5.4
Foregut
Hindgut
Bodysite

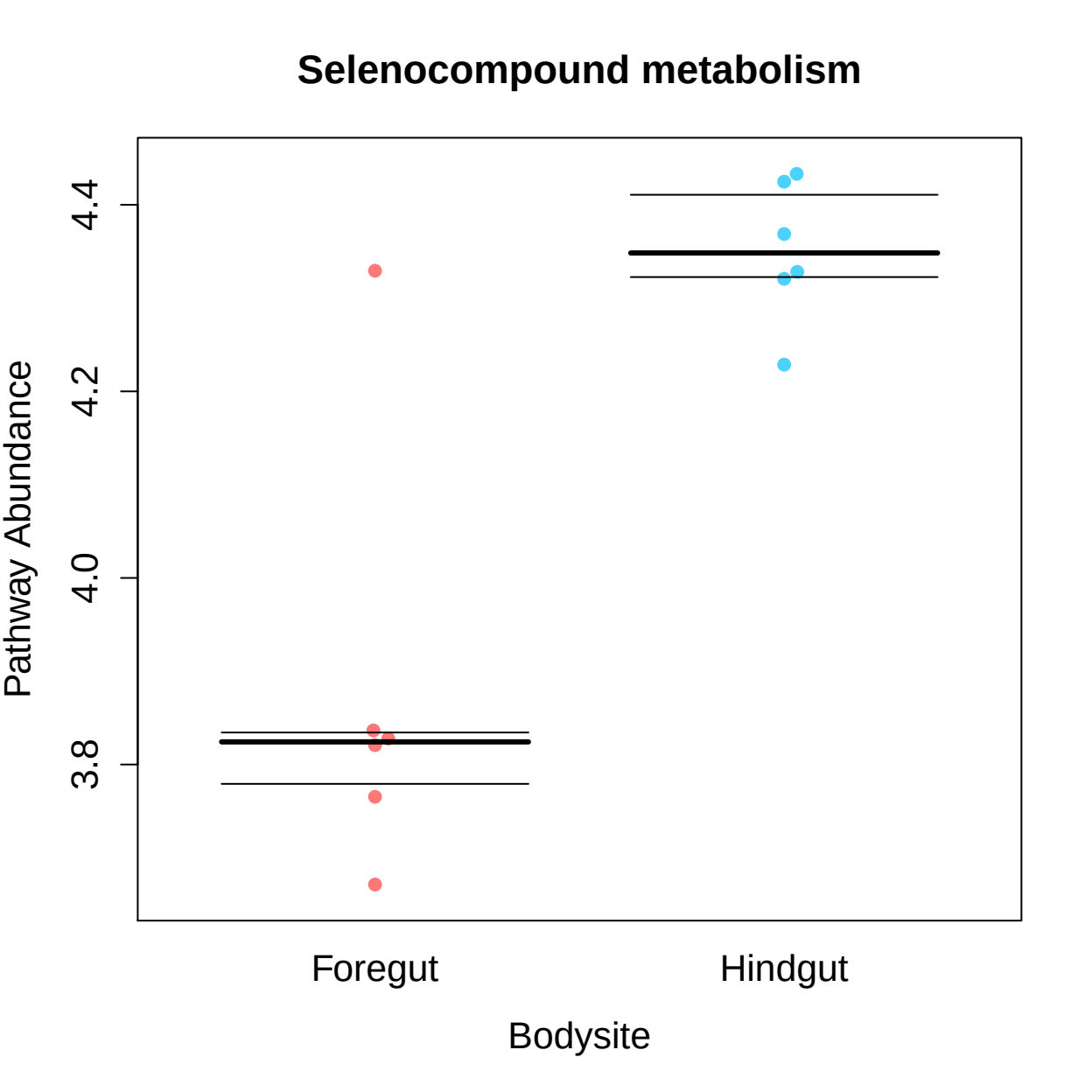

Shigellosis
Pathway Abundance
−5
−6
−7
−8
−9
Foregut
Hindgut
Bodysite

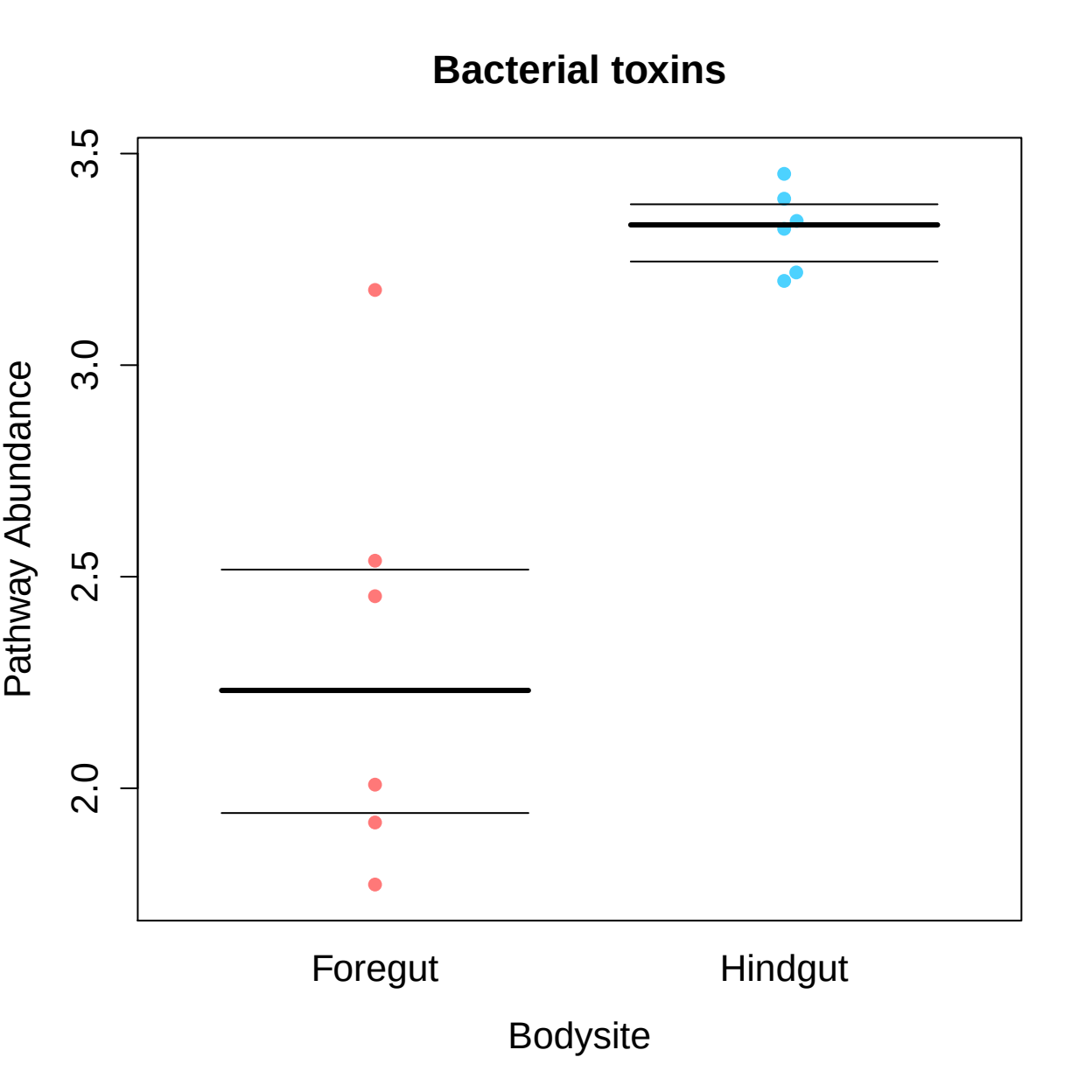

Bladder cancer
Pathway Abundance
0
−2
−4
−6
−8
−10
Foregut
Hindgut
Bodysite

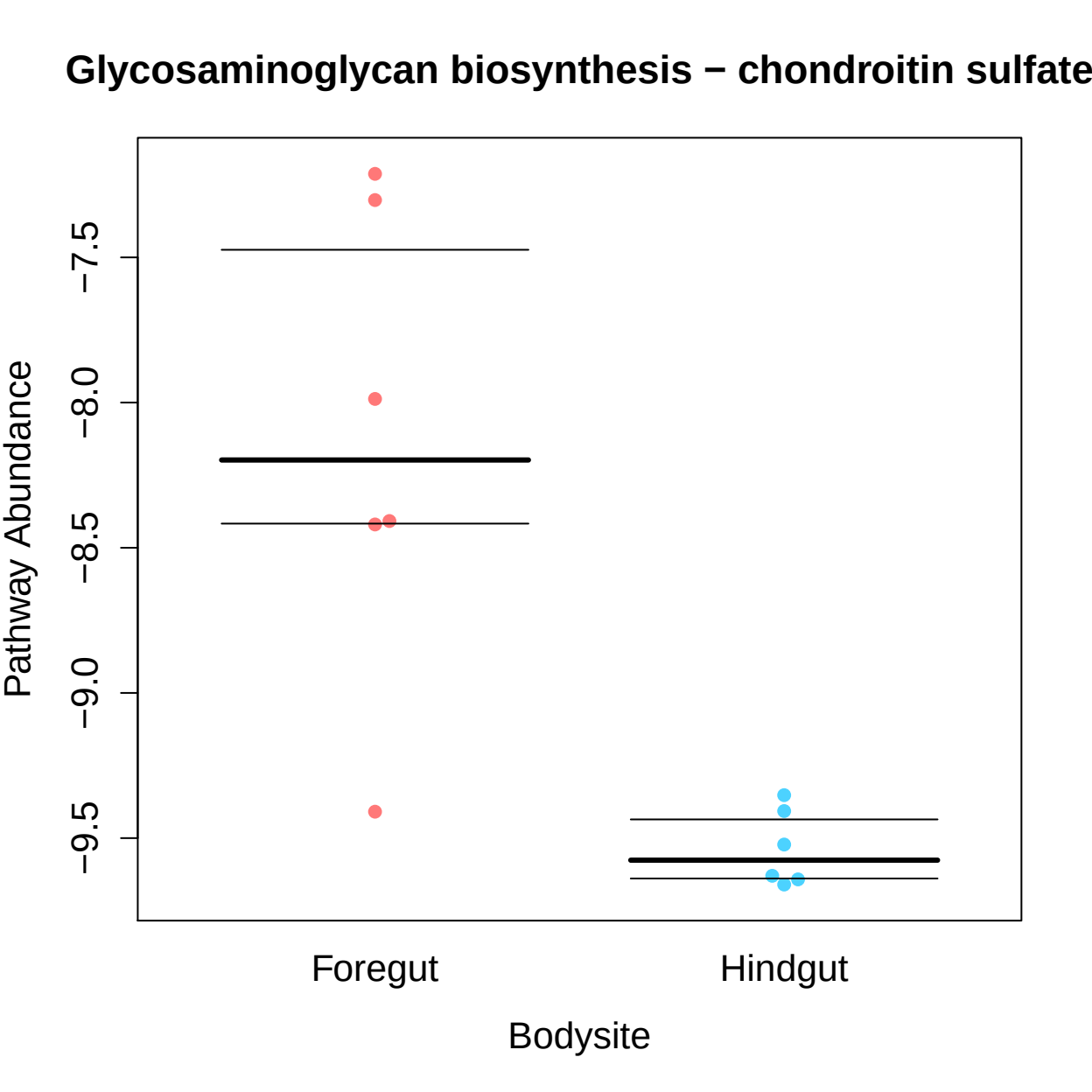

Geraniol degradation
Pathway Abundance
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
Foregut
Hindgut
Bodysite

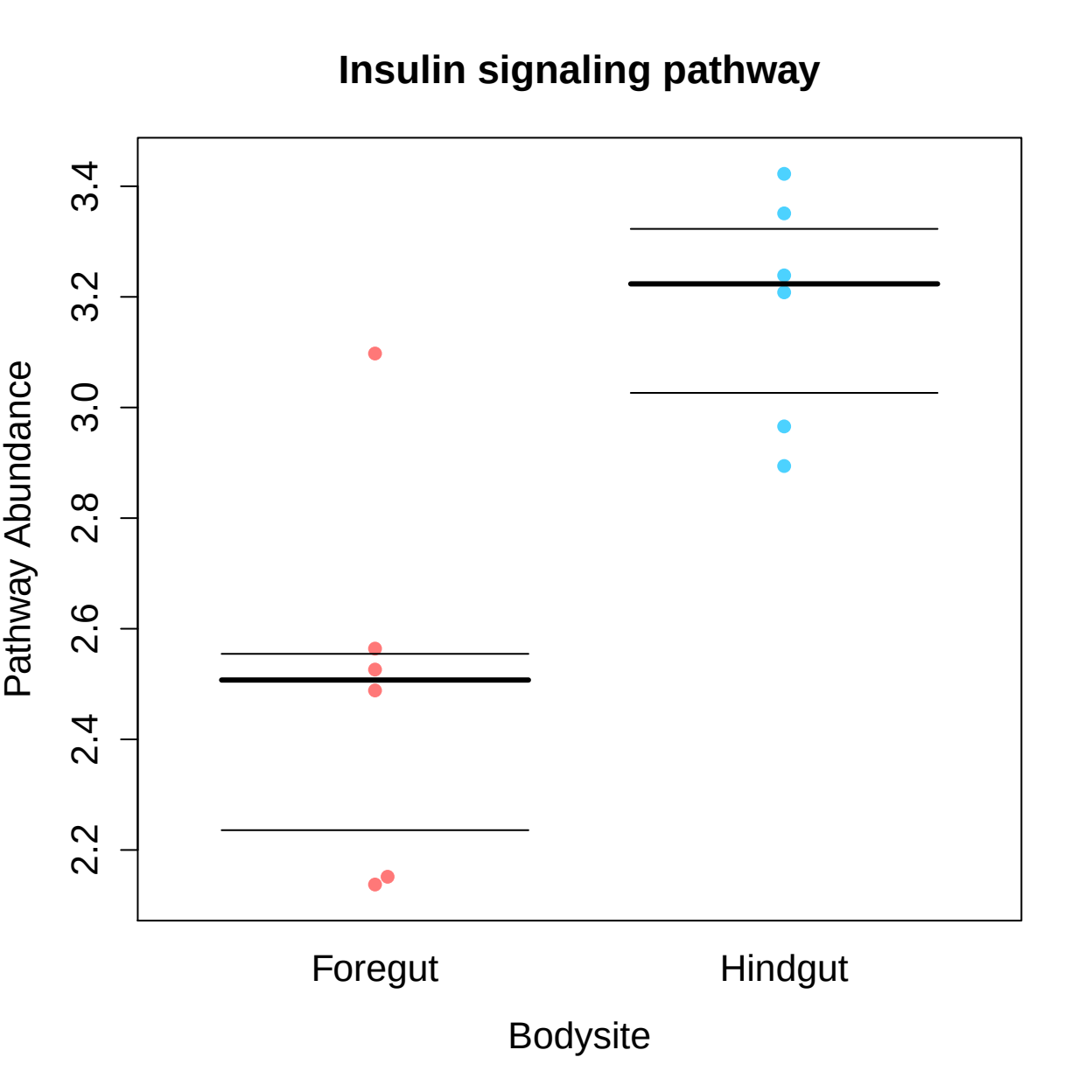

Terpenoid backbone biosynthesis
Pathway Abundance
4.0
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

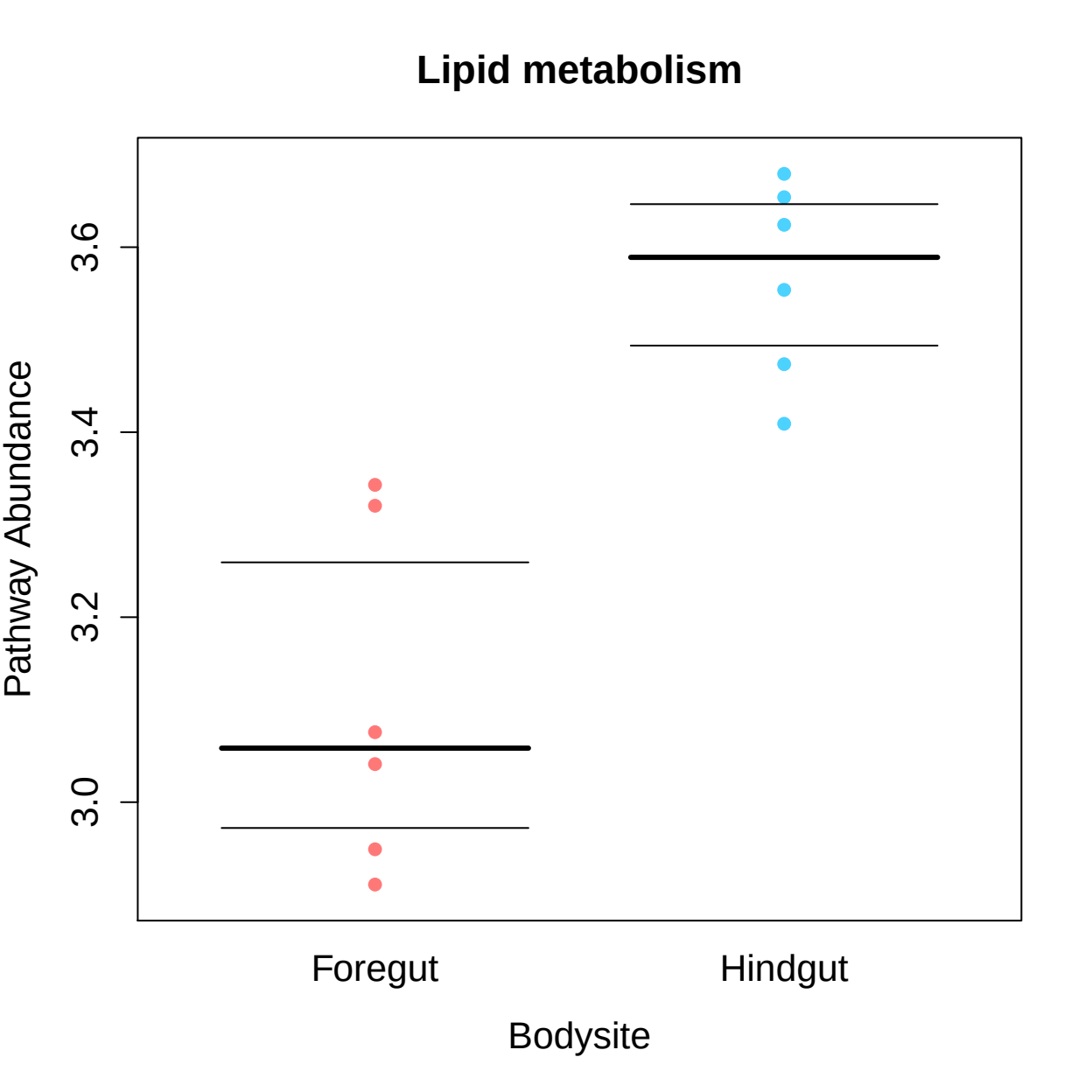

Type II diabetes mellitus
Pathway Abundance
1.0
1.5
2.0
2.5
Foregut
Hindgut
Bodysite

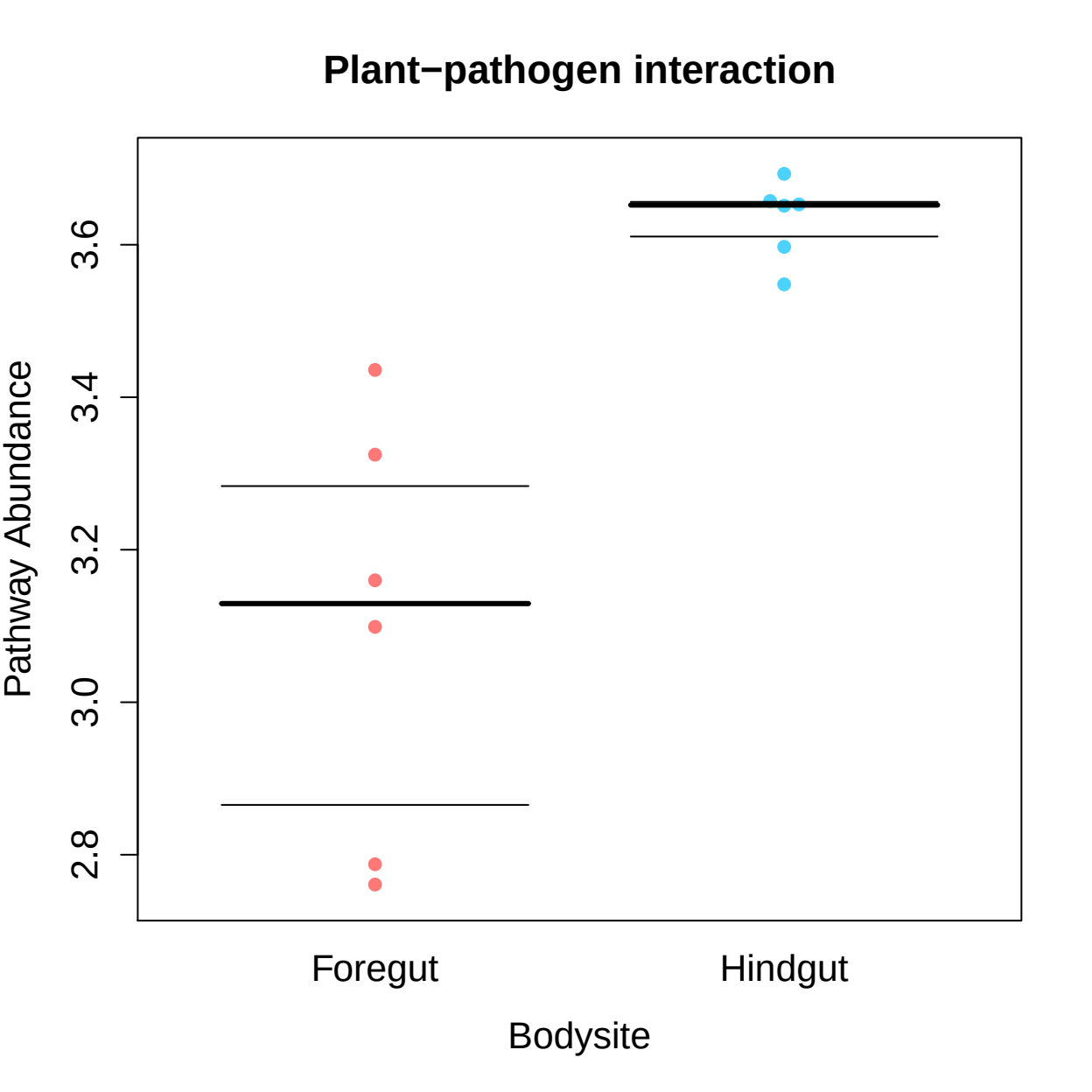

Selenocompound metabolism
Pathway Abundance
4.4
4.2
4.0
3.8
Foregut
Hindgut
Bodysite

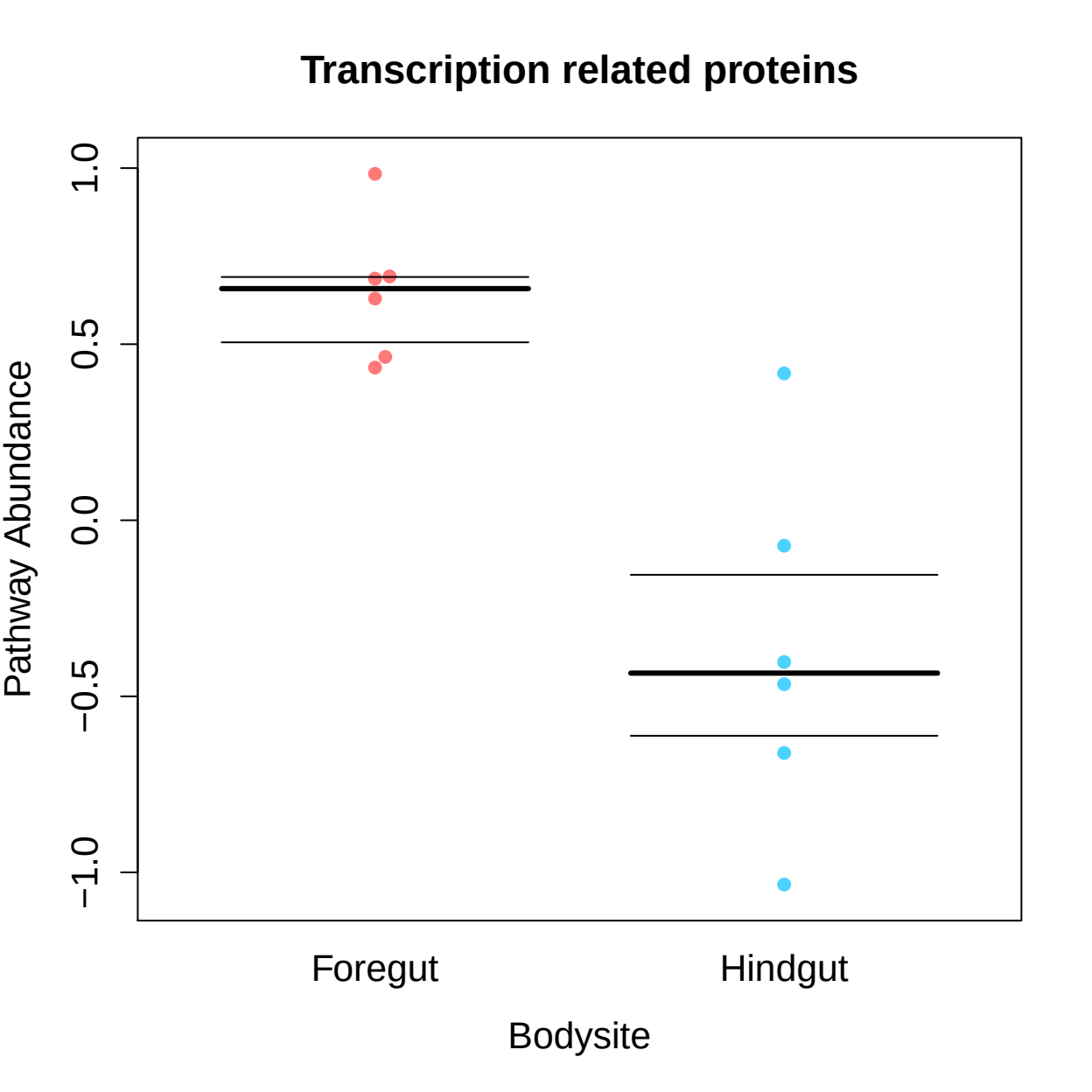

Bacterial toxins
Pathway Abundance
3.5
3.0
2.5
2.0
Foregut
Hindgut
Bodysite

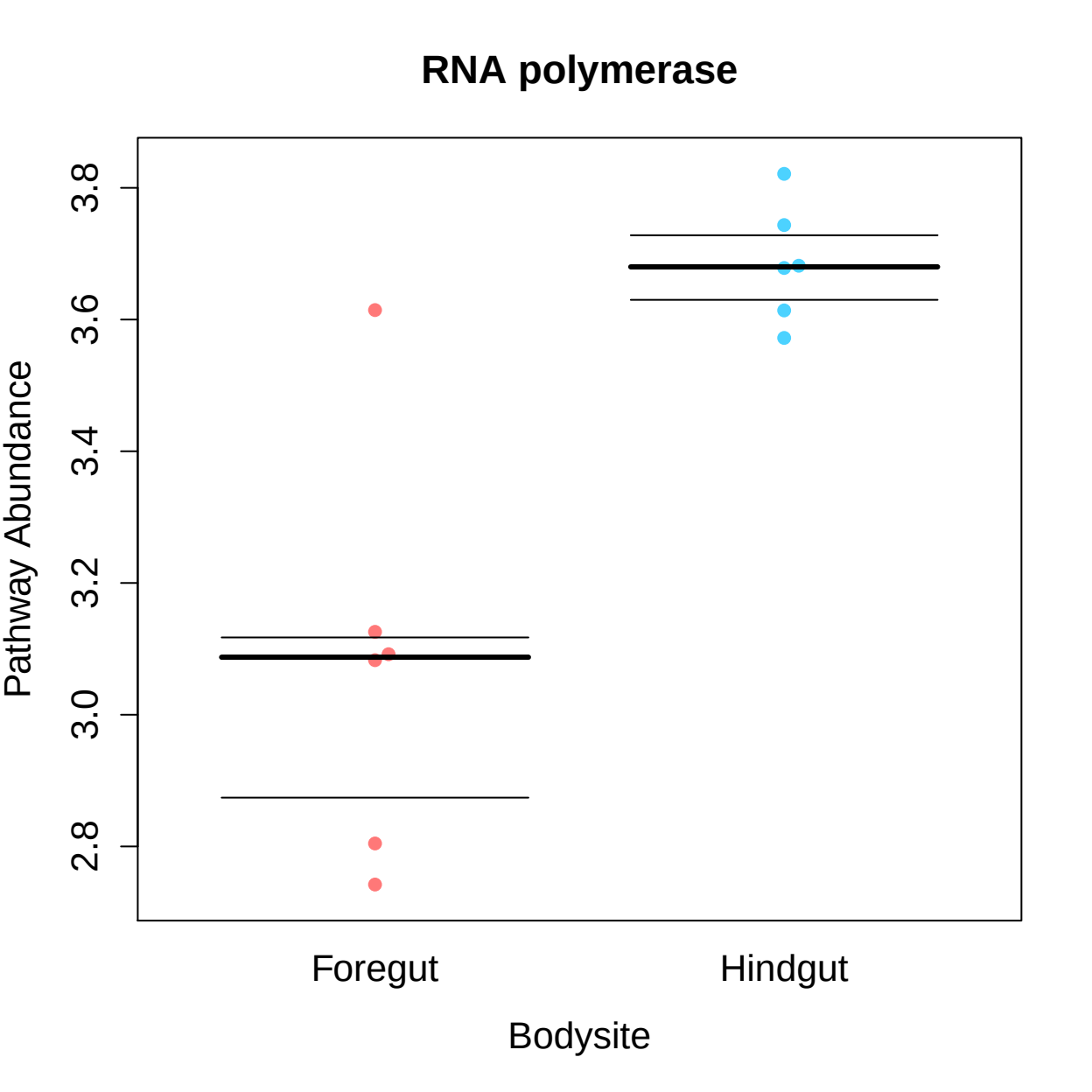

Glycosaminoglycan biosynthesis − chondroitin sulfate
Pathway Abundance
−7.5
−8.0
−8.5
−9.0
−9.5
Foregut
Hindgut
Bodysite

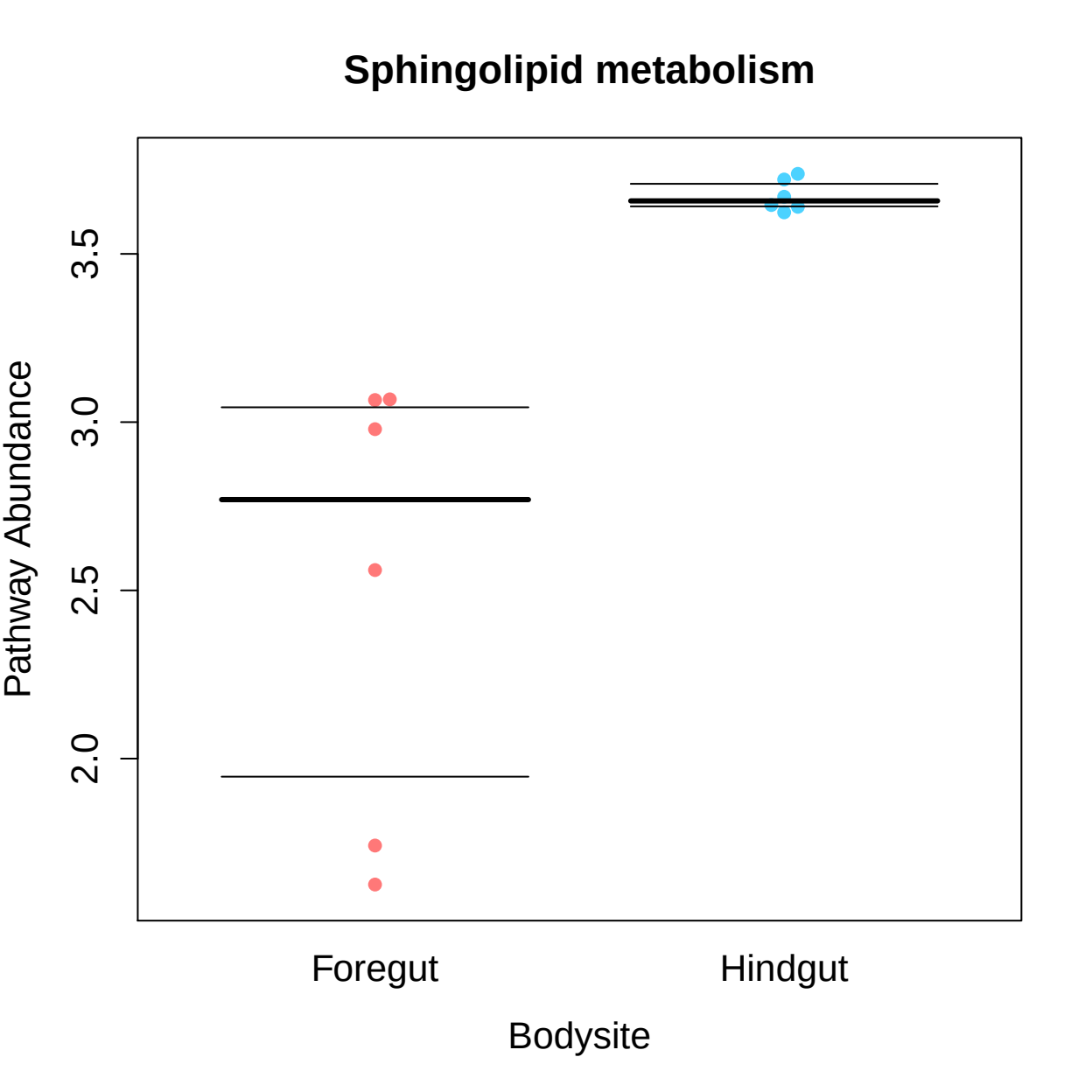

Insulin signaling pathway
Pathway Abundance
2.2
2.4
2.6
2.8
3.0
3.2
3.4
Foregut
Hindgut
Bodysite

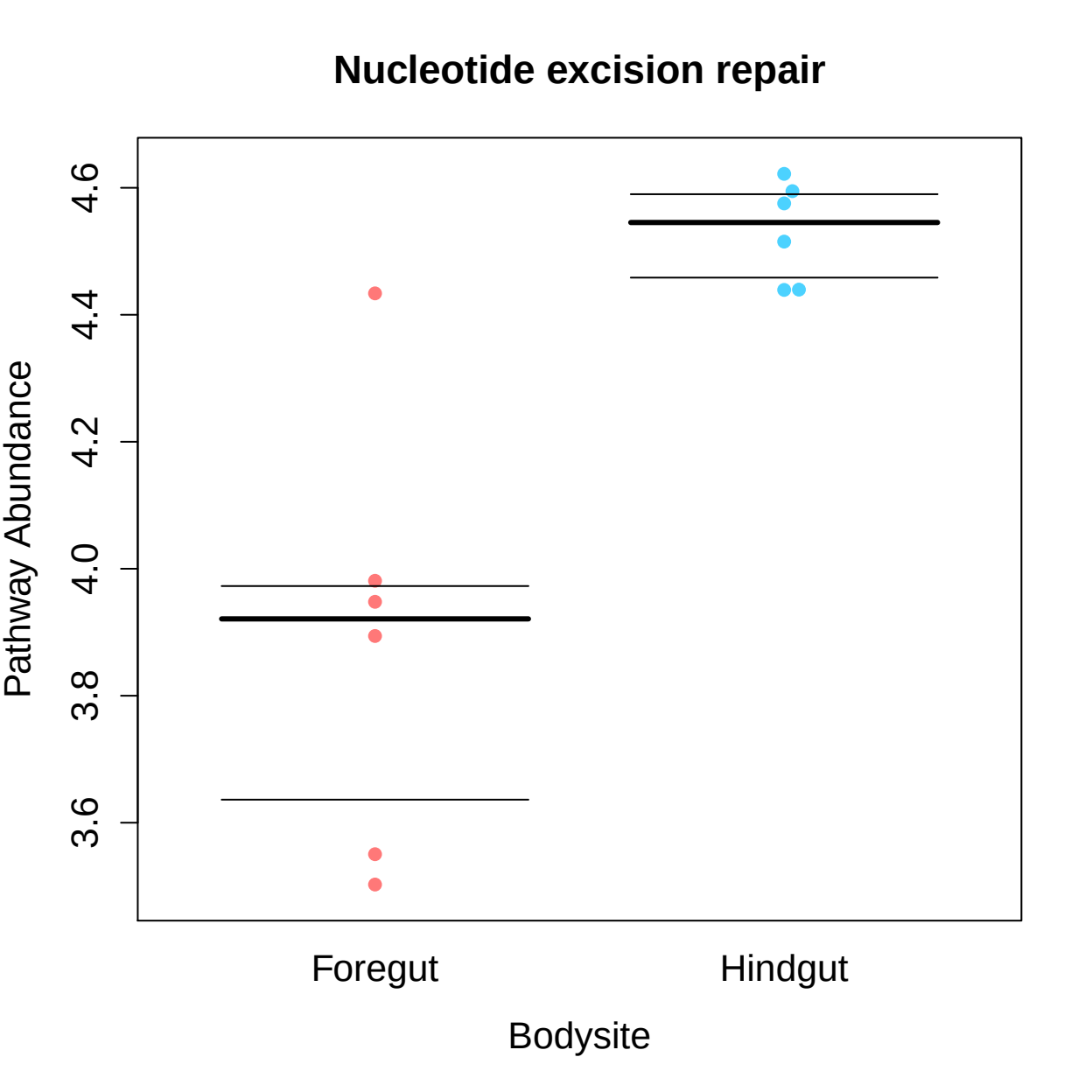

Lipid metabolism
Pathway Abundance
3.0
3.2
3.4
3.6
Foregut
Hindgut
Bodysite

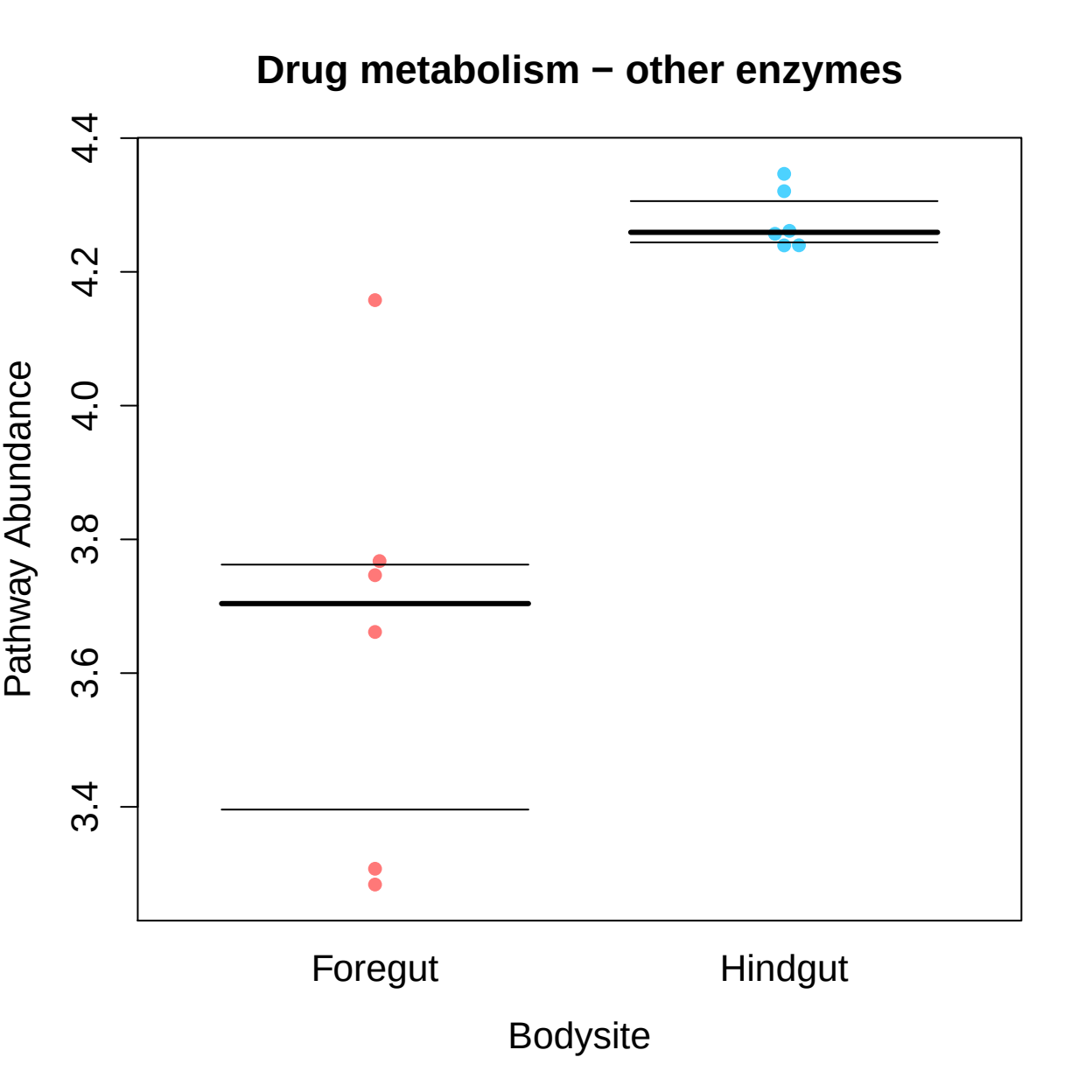

Plant−pathogen interaction
Pathway Abundance
2.8
3.0
3.2
3.4
3.6
Foregut
Hindgut
Bodysite

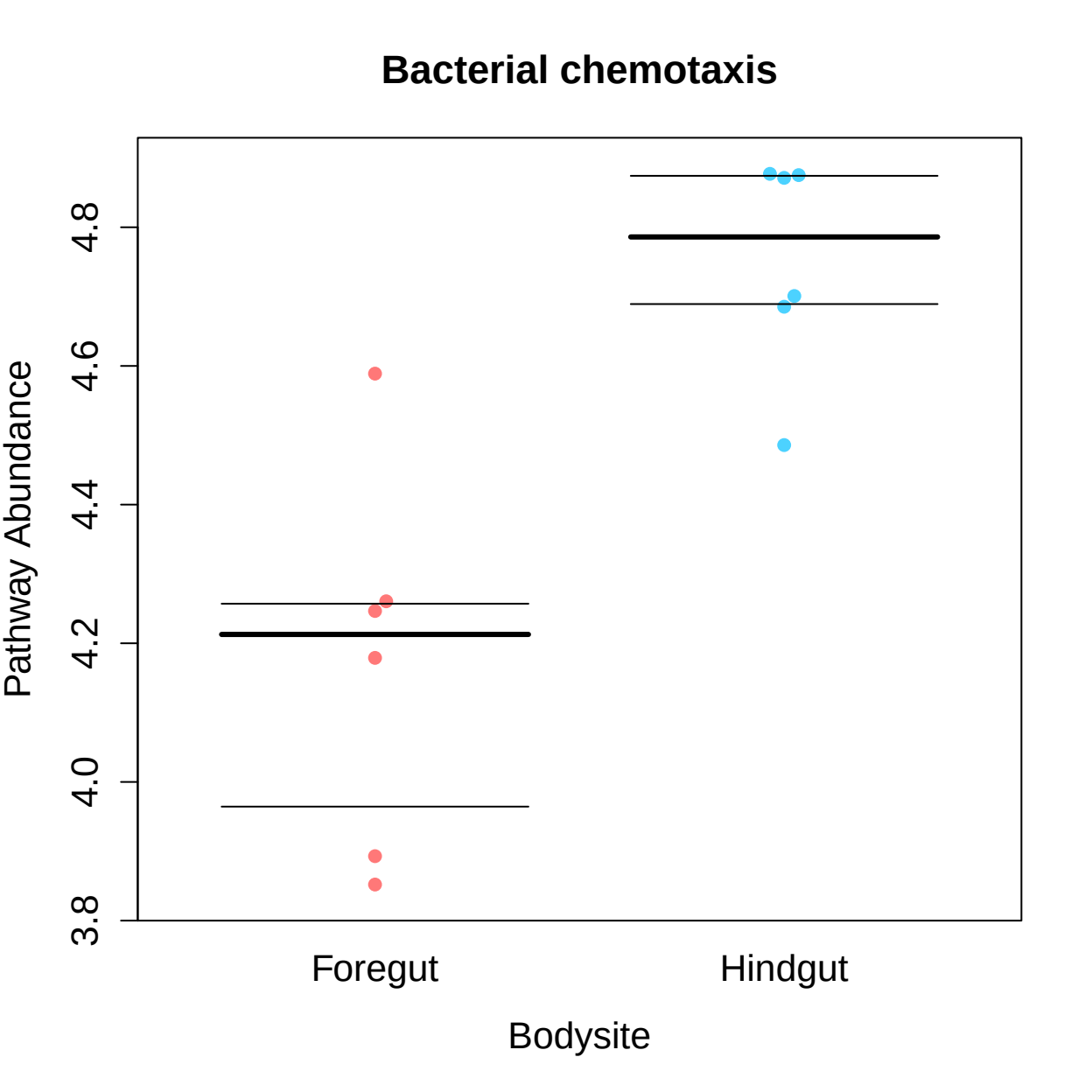

Transcription related proteins
Pathway Abundance
1.0
0.5
0.0
−0.5
−1.0
Foregut
Hindgut
Bodysite

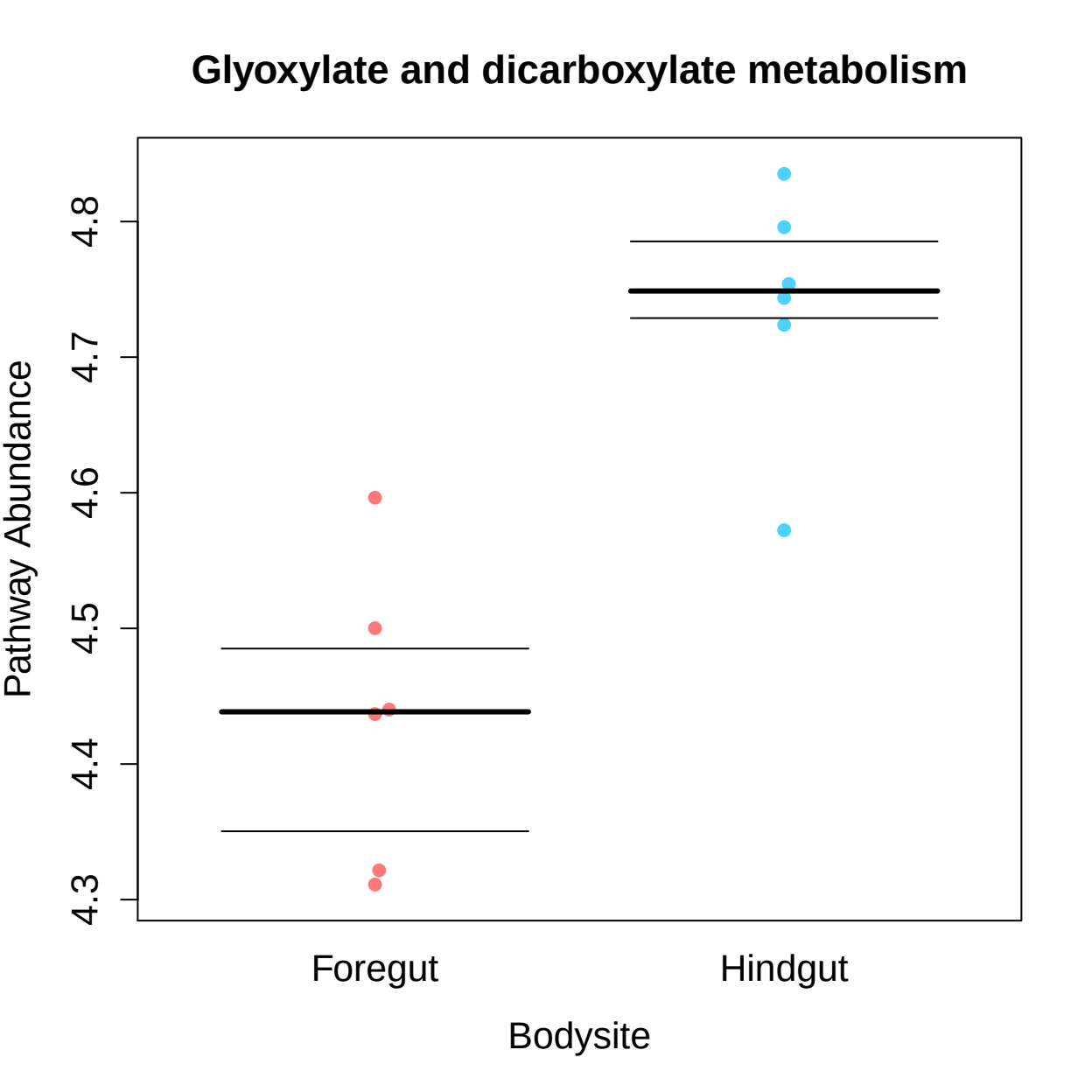

RNA polymerase
Pathway Abundance
2.8
3.0
3.2
3.4
3.6
3.8
Foregut
Hindgut
Bodysite

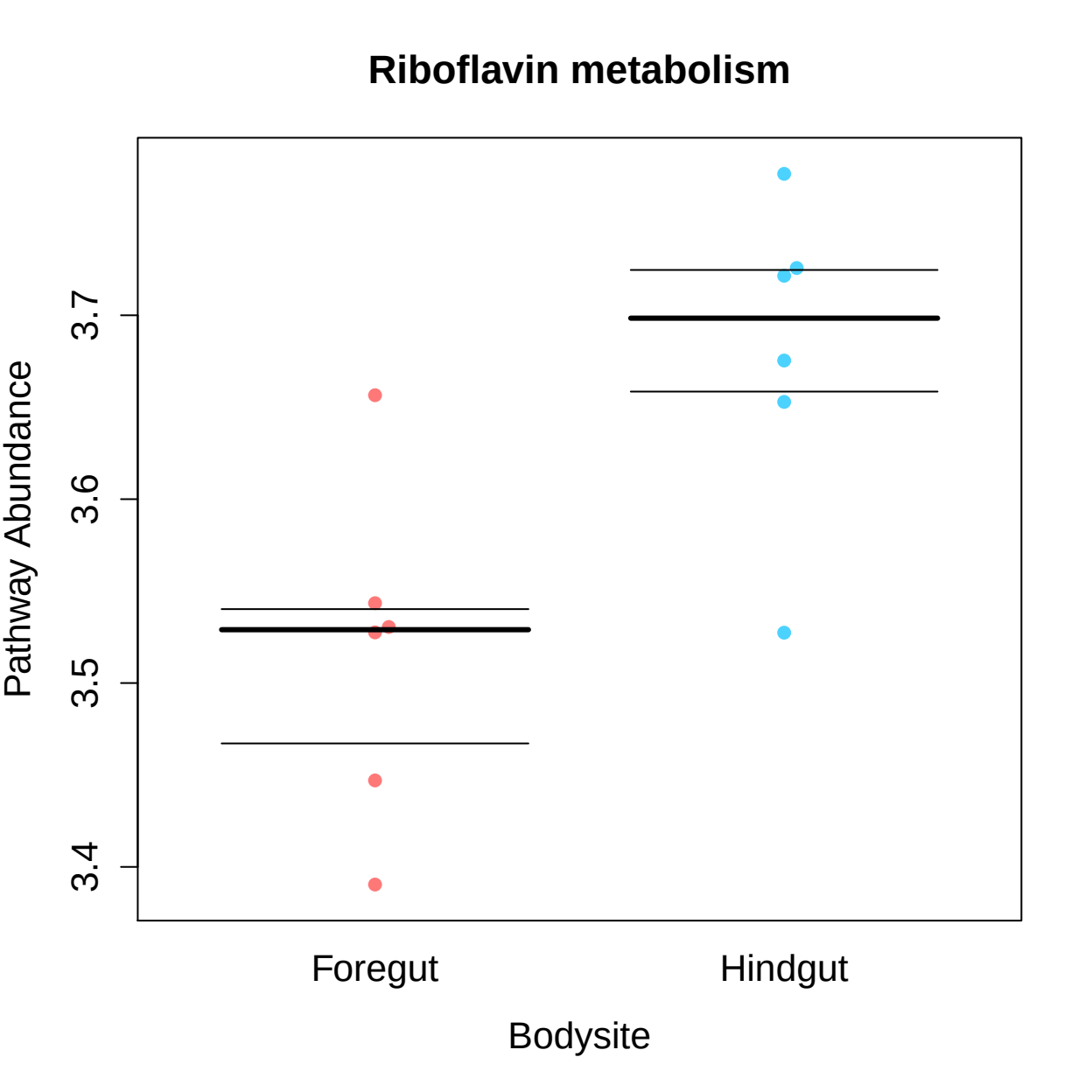

Sphingolipid metabolism
Pathway Abundance
2.0
2.5
3.0
3.5
Foregut
Hindgut
Bodysite

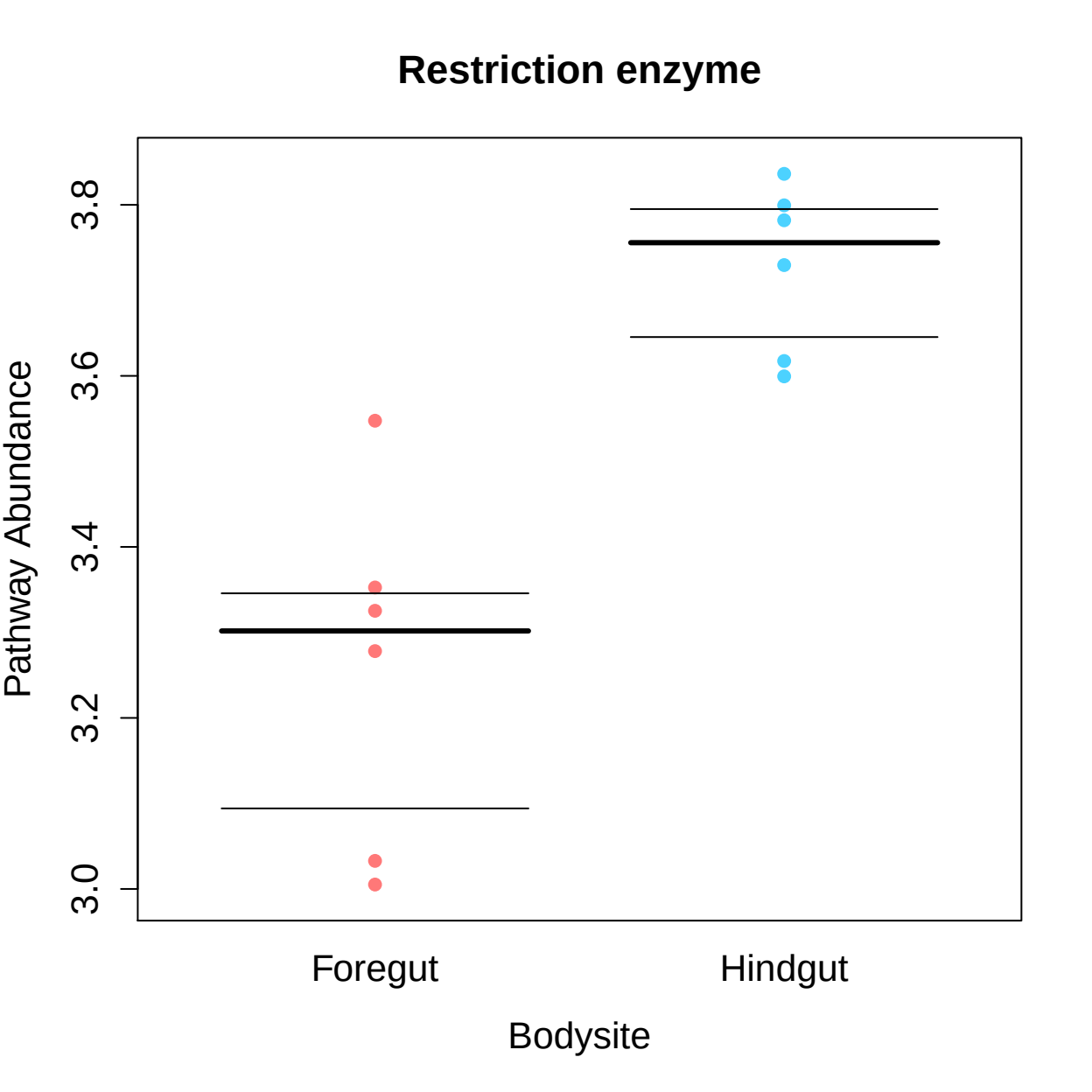

Nucleotide excision repair
Pathway Abundance
3.6
3.8
4.0
4.2
4.4
4.6
Foregut
Hindgut
Bodysite

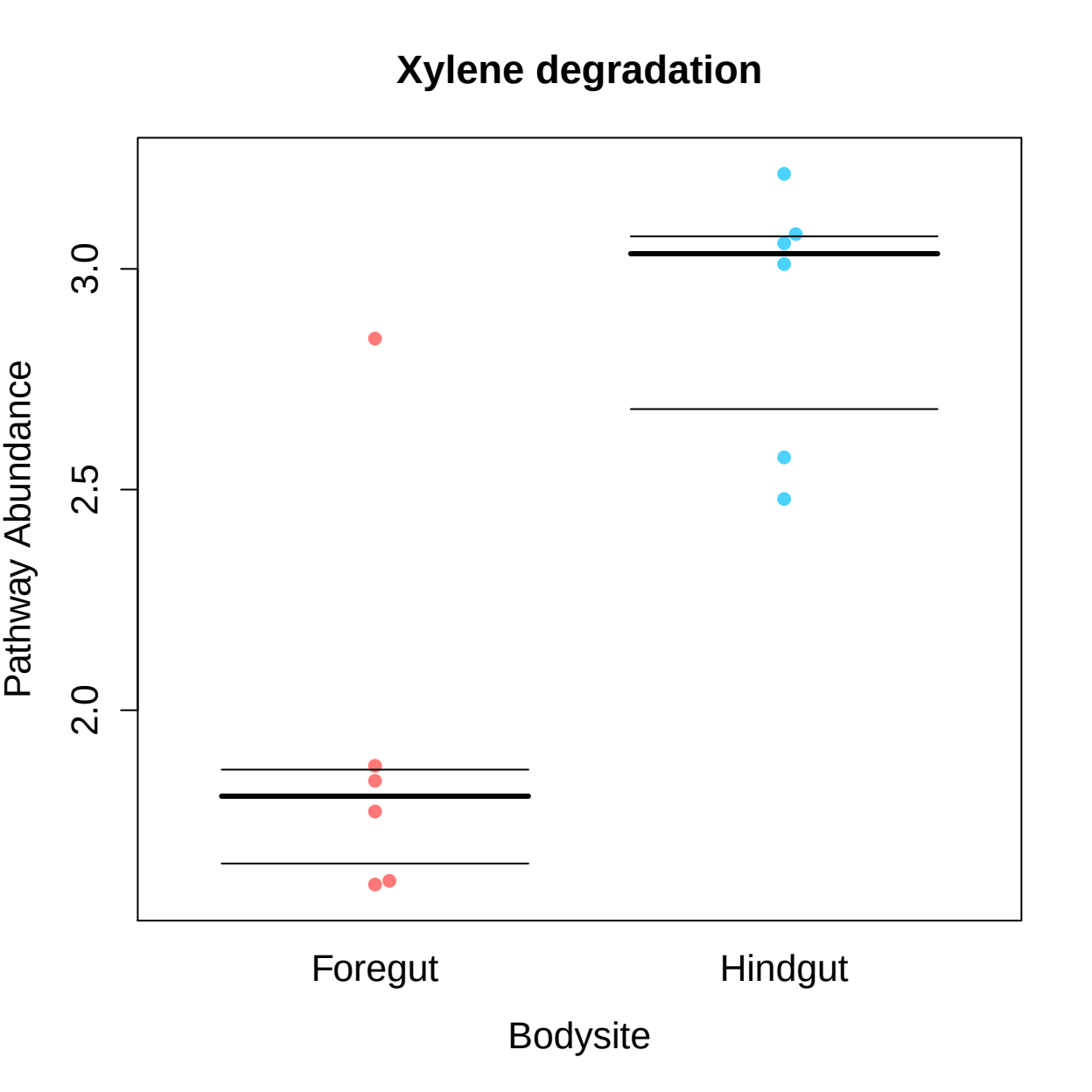

Drug metabolism − other enzymes
Pathway Abundance
4.4
4.2
4.0
3.8
3.6
3.4
Foregut
Hindgut
Bodysite

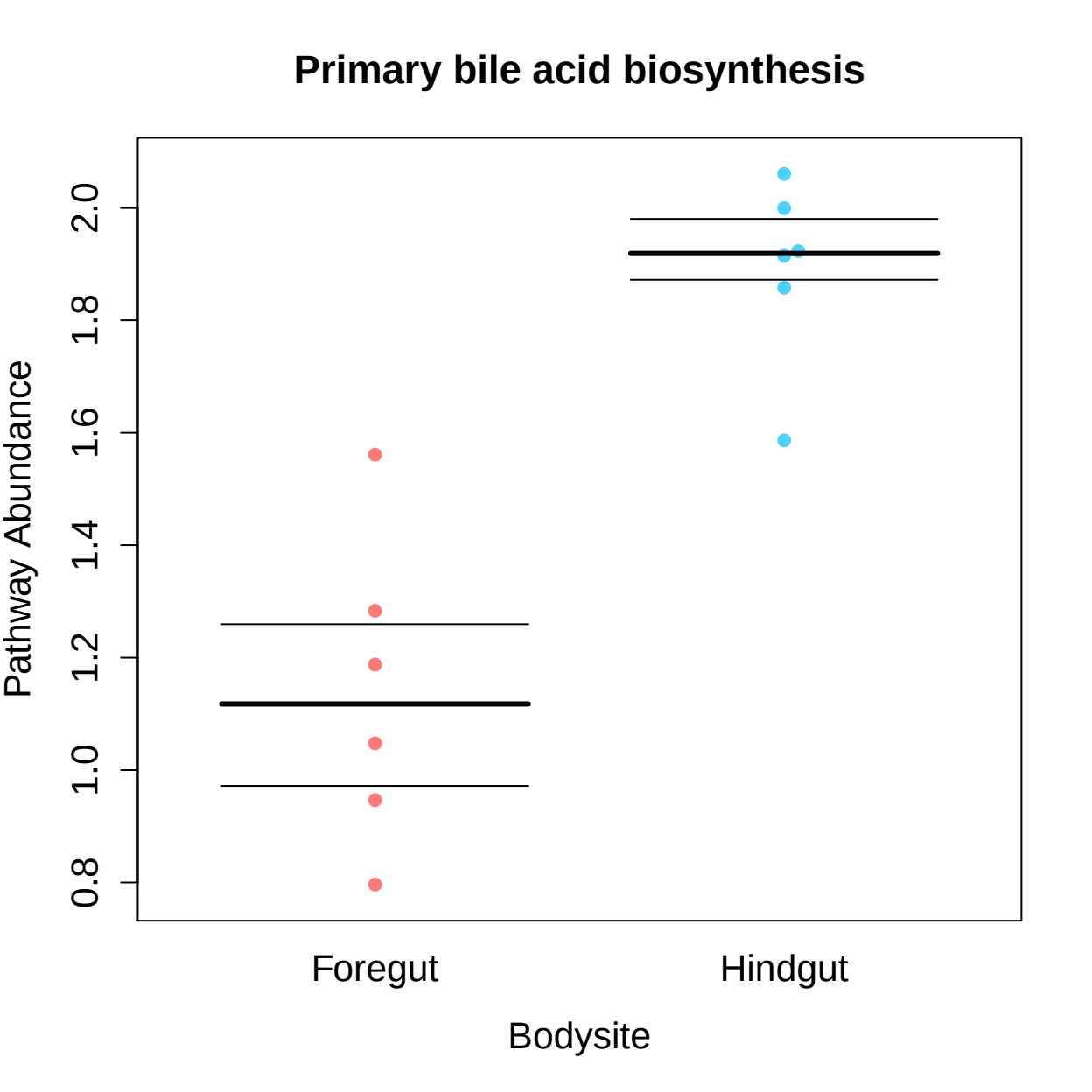

Bacterial chemotaxis
Pathway Abundance
3.8
4.0
4.2
4.4
4.6
4.8
Foregut
Hindgut
Bodysite

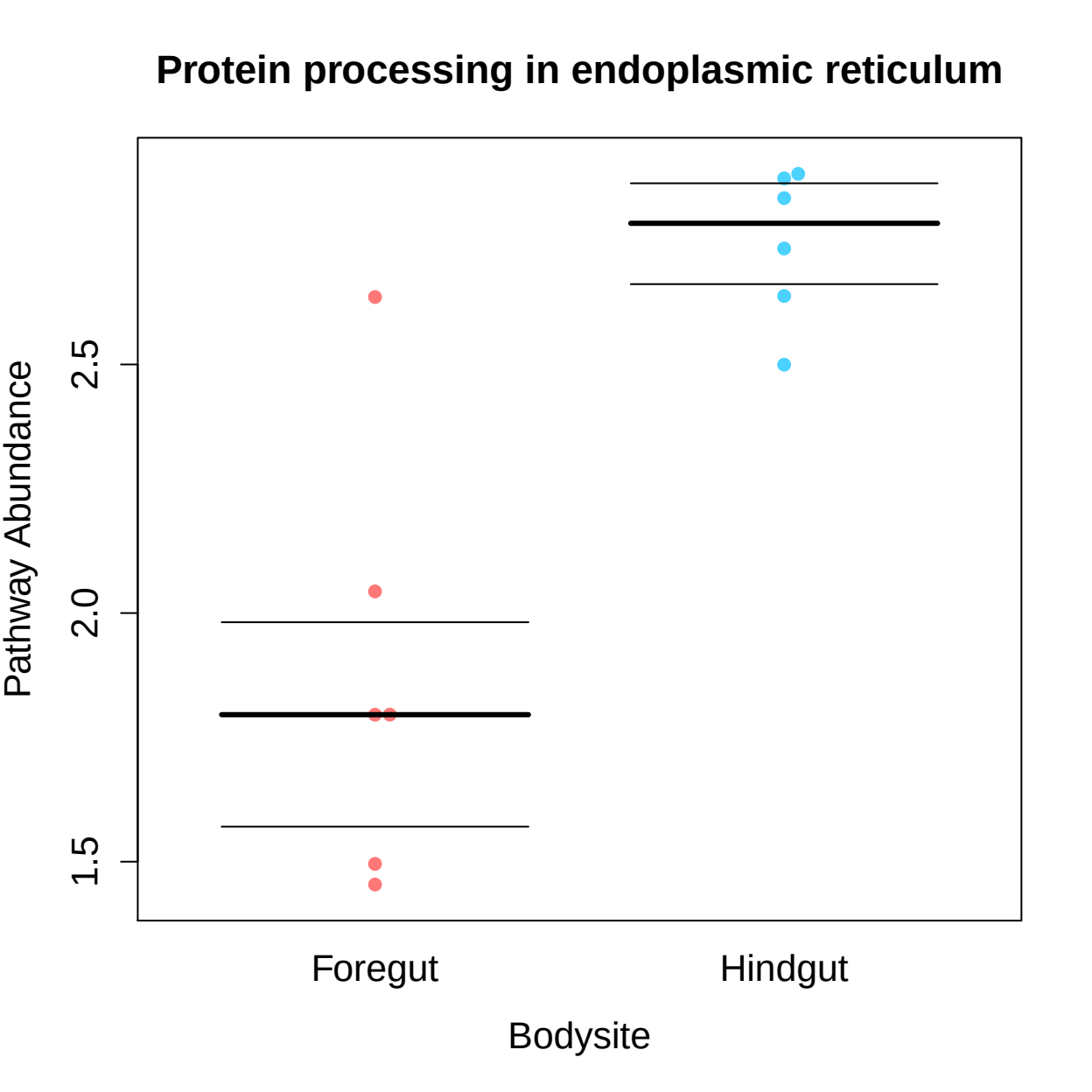

Glyoxylate and dicarboxylate metabolism
Pathway Abundance
4.3
4.4
4.5
4.6
4.7
4.8
Foregut
Hindgut
Bodysite

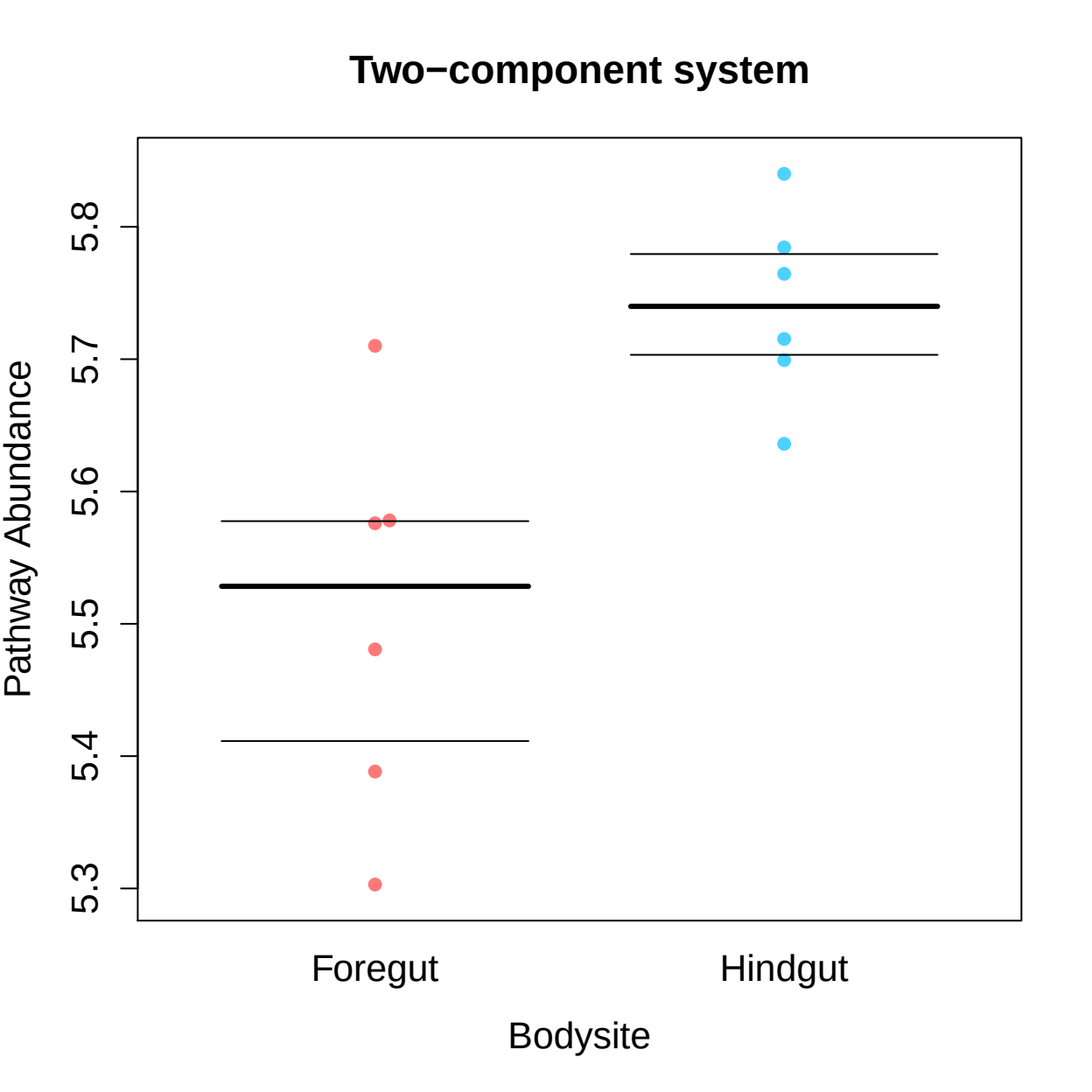

Riboflavin metabolism
Pathway Abundance
3.4
3.5
3.6
3.7
Foregut
Hindgut
Bodysite

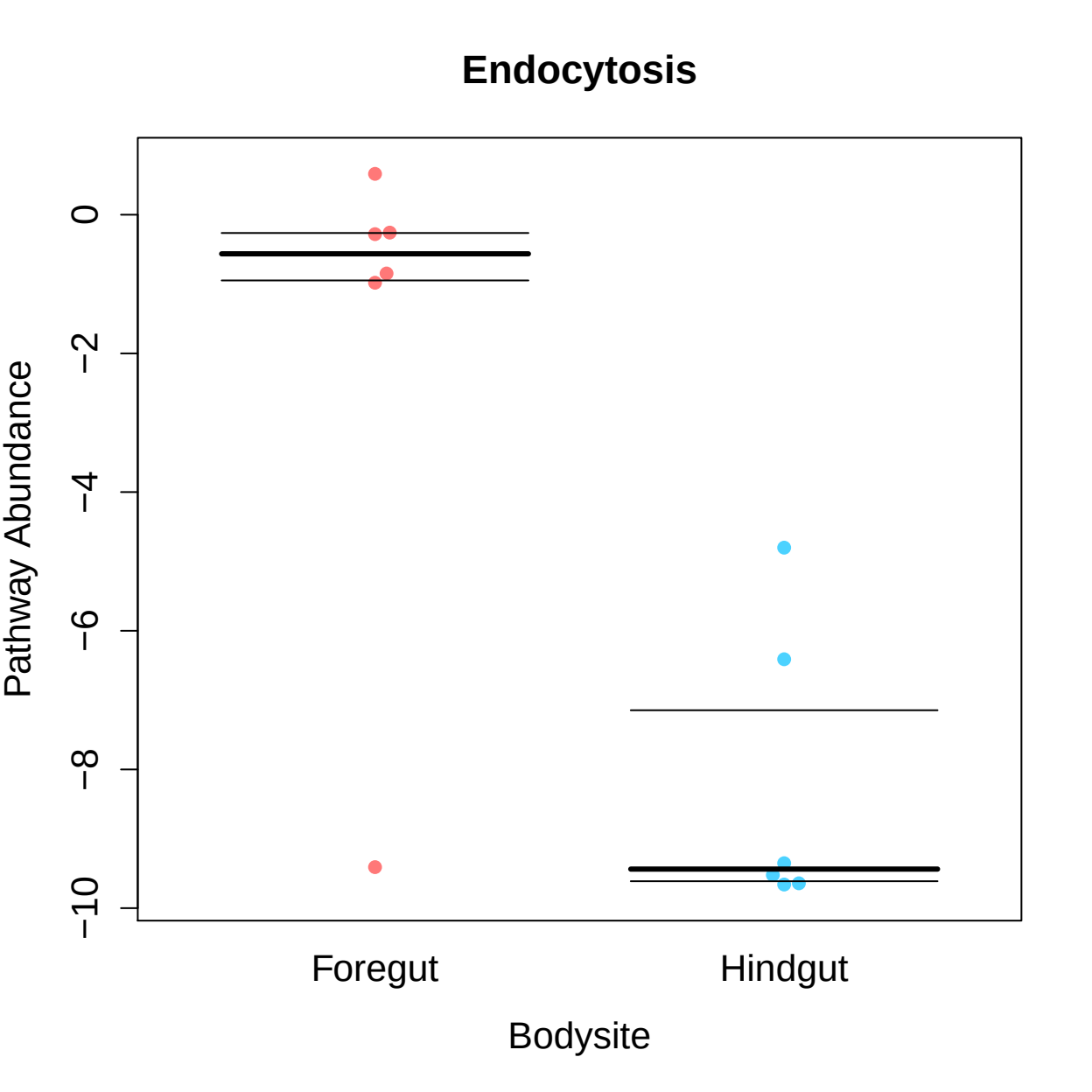

Restriction enzyme
Pathway Abundance
3.0
3.2
3.4
3.6
3.8
Foregut
Hindgut
Bodysite

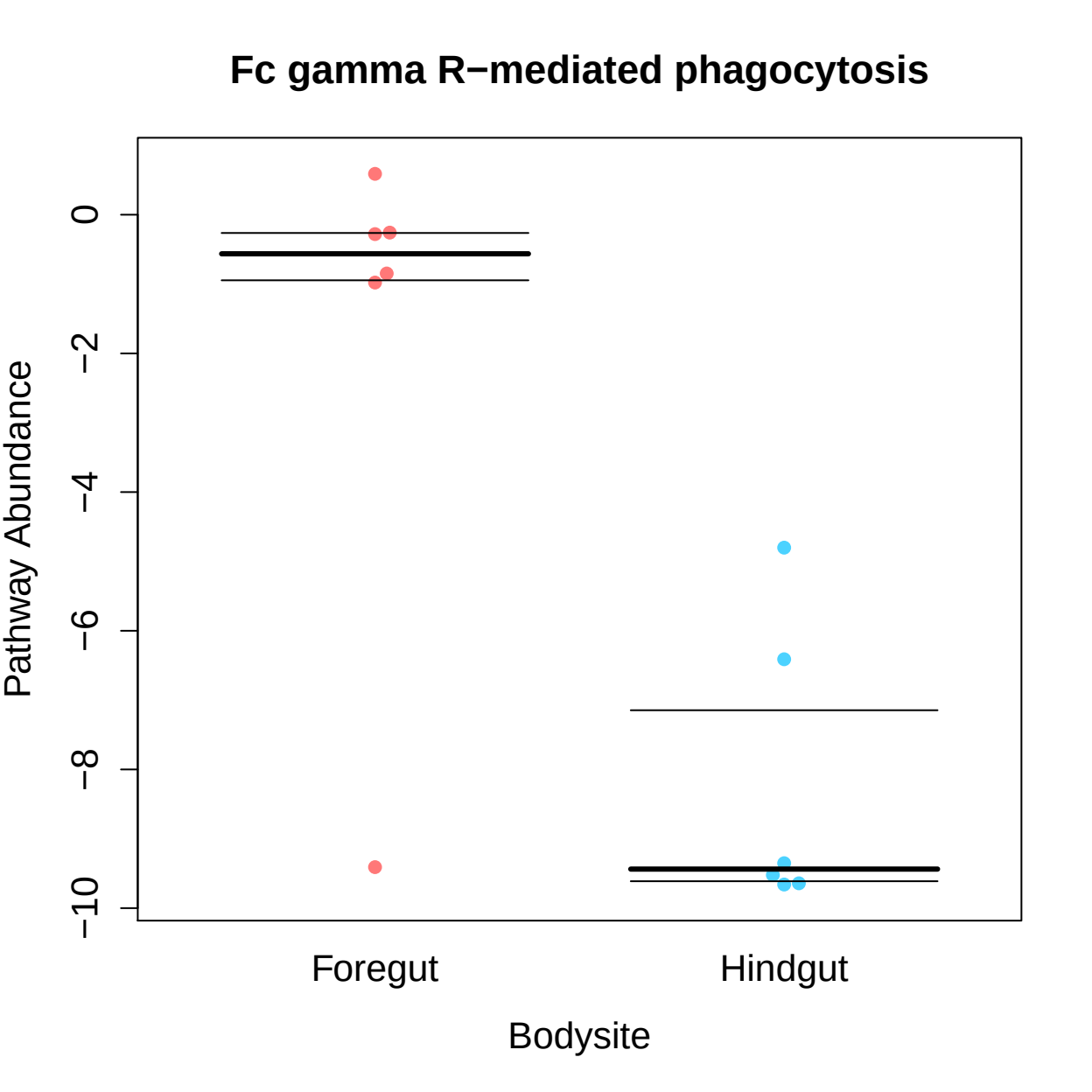

Xylene degradation
Pathway Abundance
2.0
2.5
3.0
Foregut
Hindgut
Bodysite

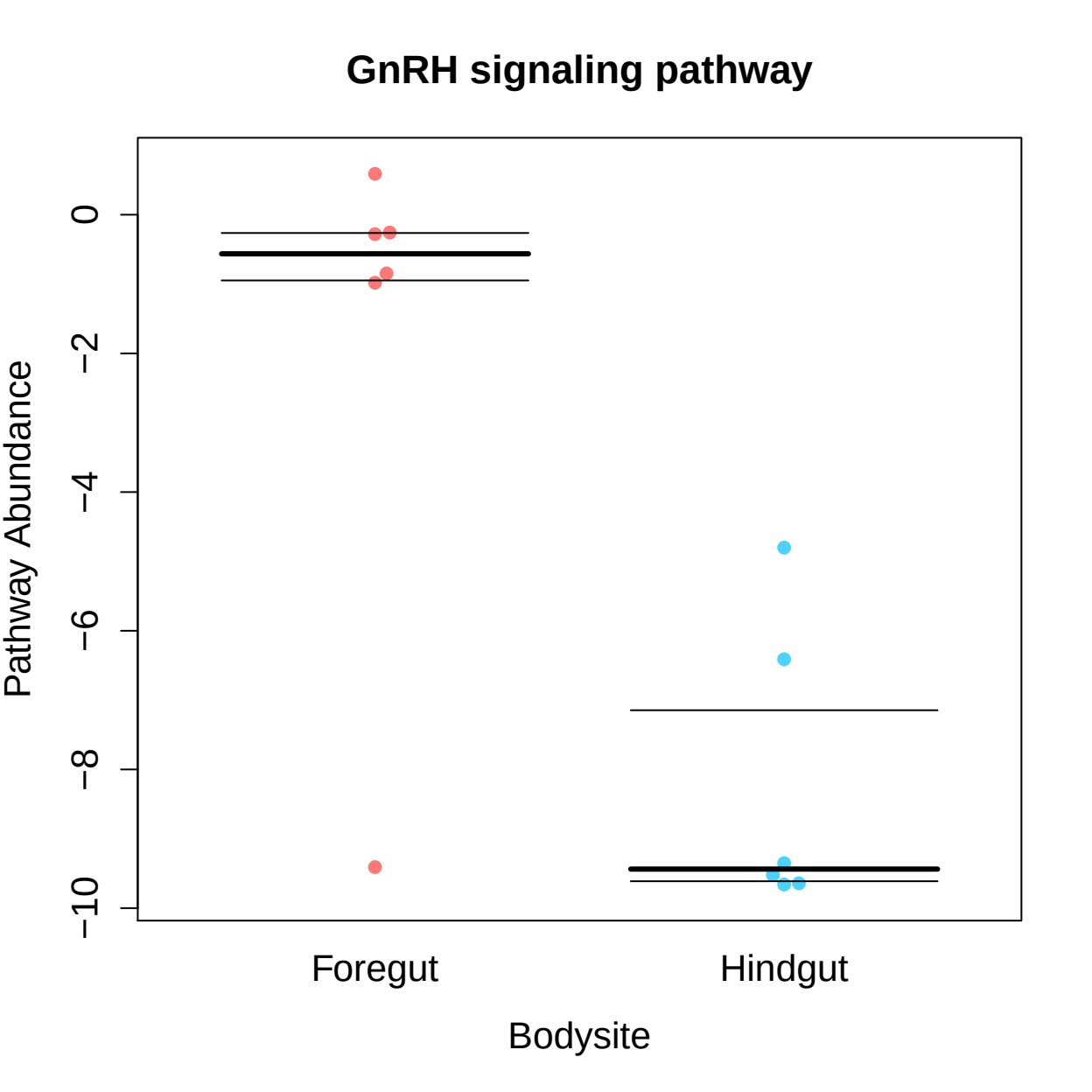

Primary bile acid biosynthesis
Pathway Abundance
0.8
1.0
1.2
1.4
1.6
1.8
2.0
Foregut
Hindgut
Bodysite

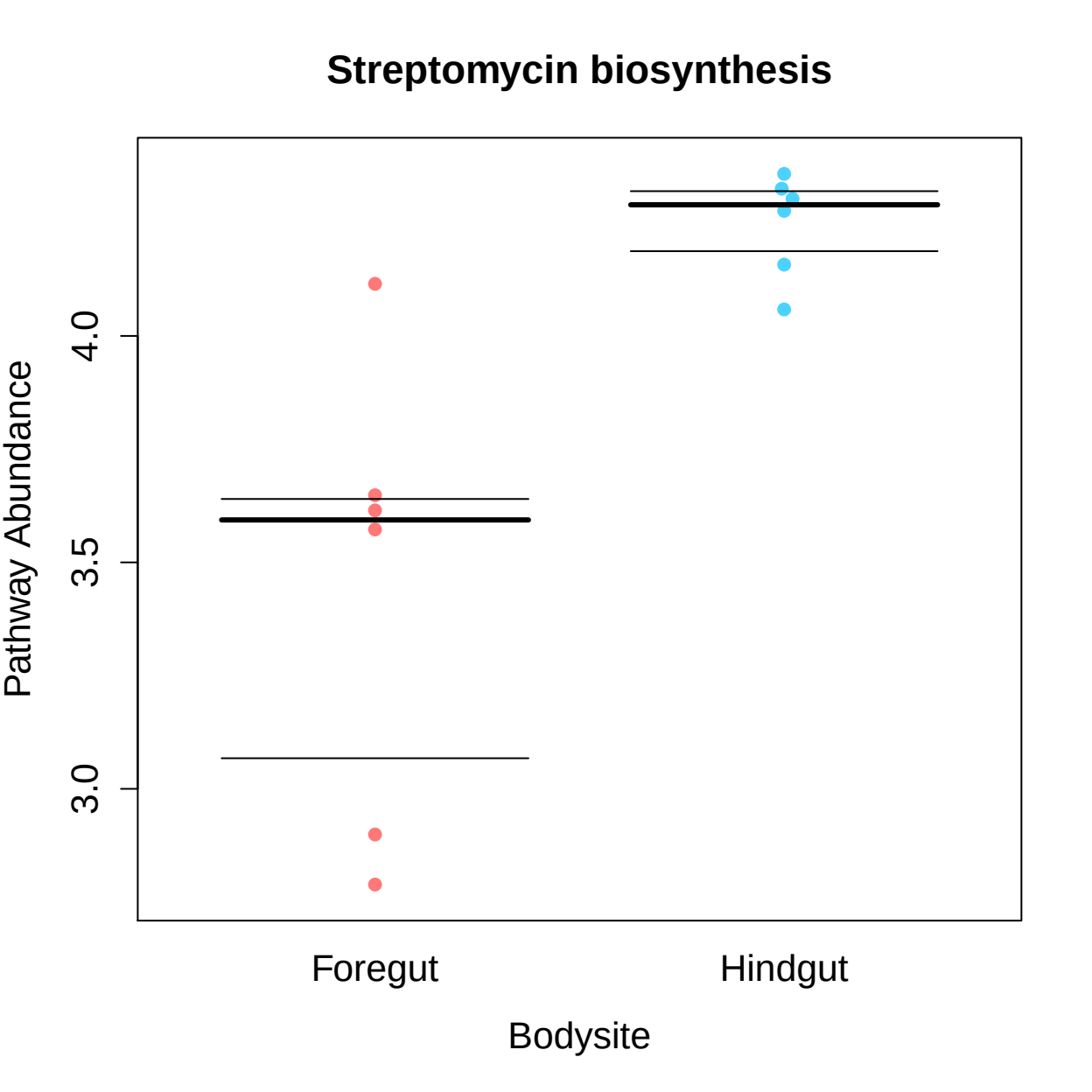

Protein processing in endoplasmic reticulum
Pathway Abundance
1.5
2.0
2.5
Foregut
Hindgut
Bodysite

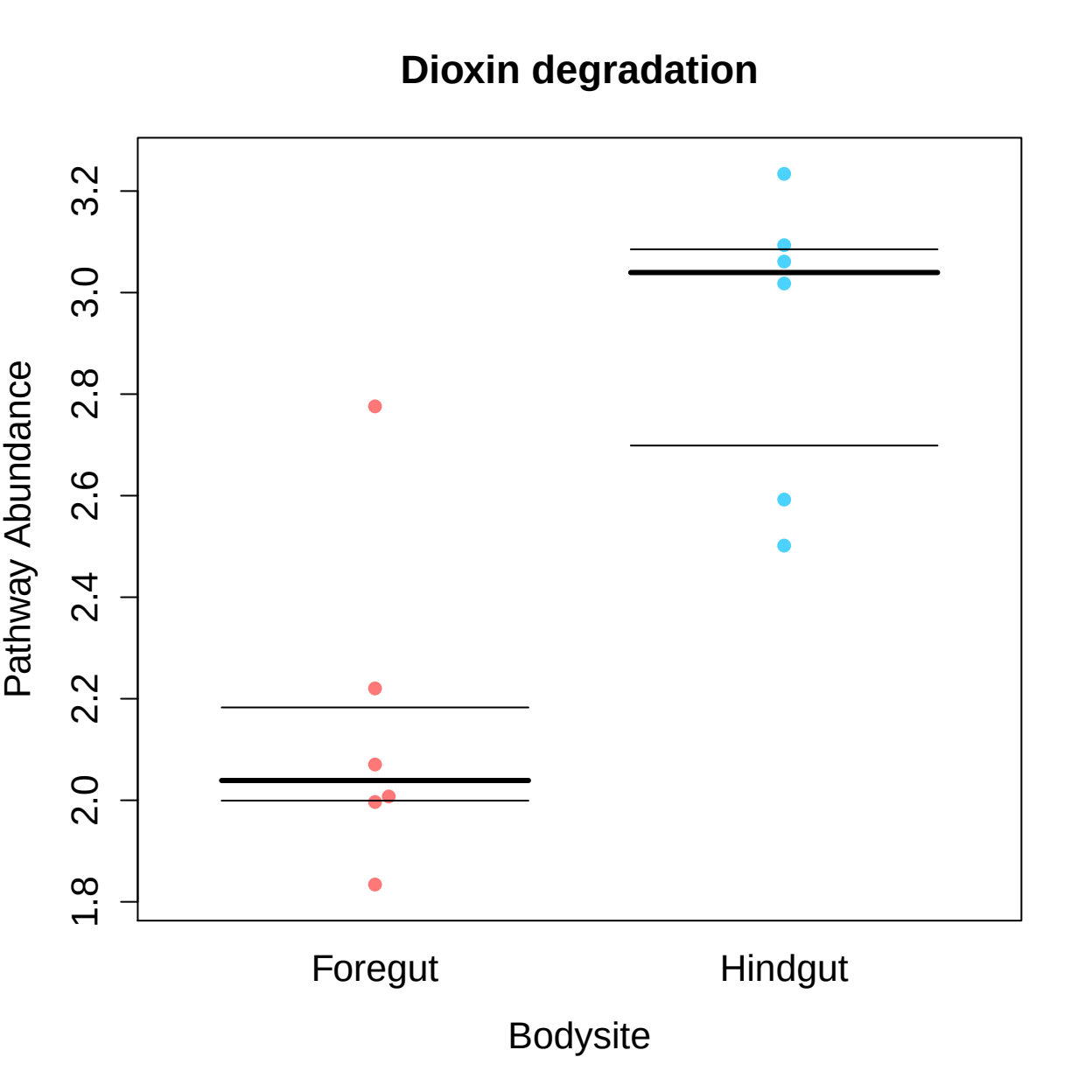

Two−component system
Pathway Abundance
5.3
5.4
5.5
5.6
5.7
5.8
Foregut
Hindgut
Bodysite

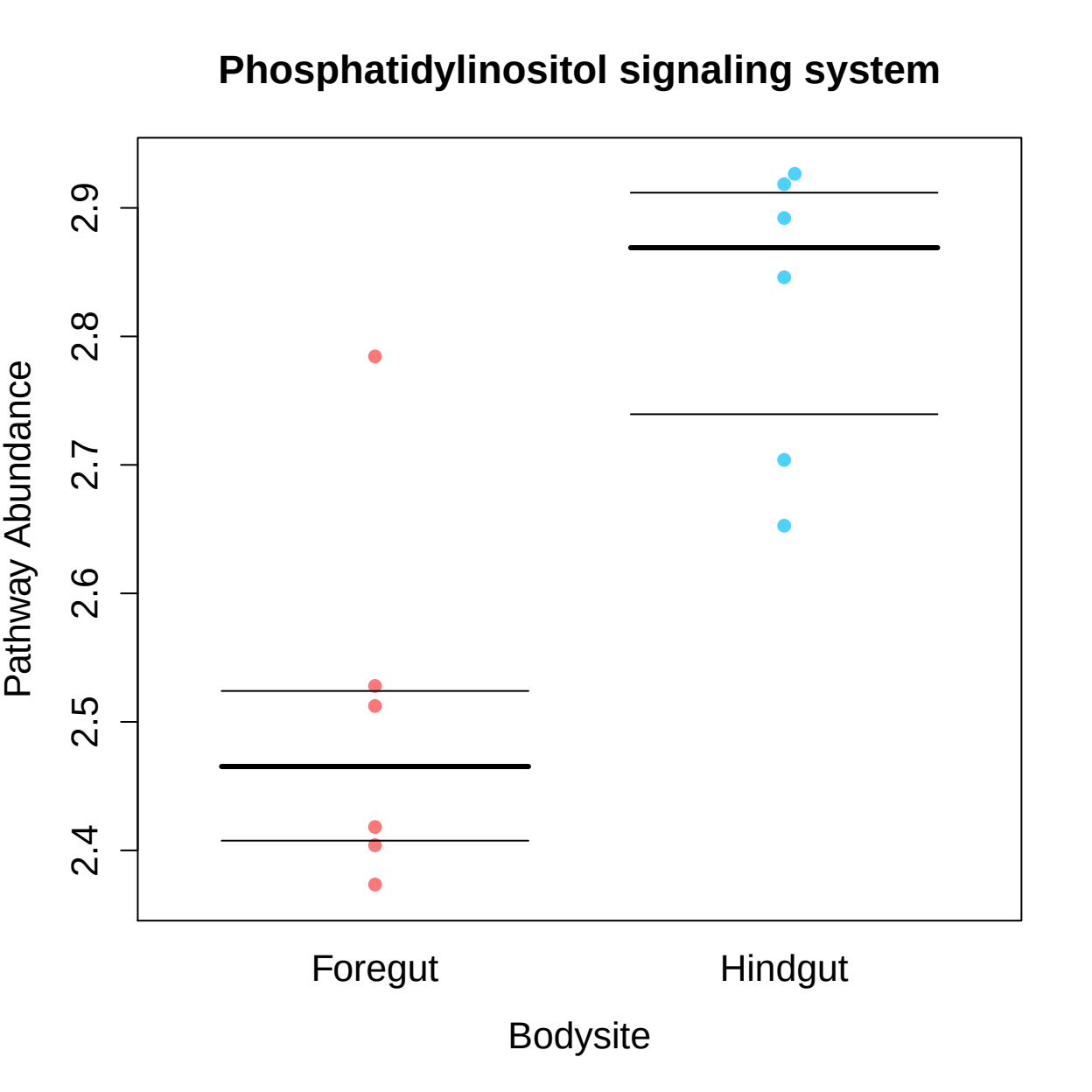

Endocytosis
Pathway Abundance
0
−2
−4
−6
−8
−10
Foregut
Hindgut
Bodysite

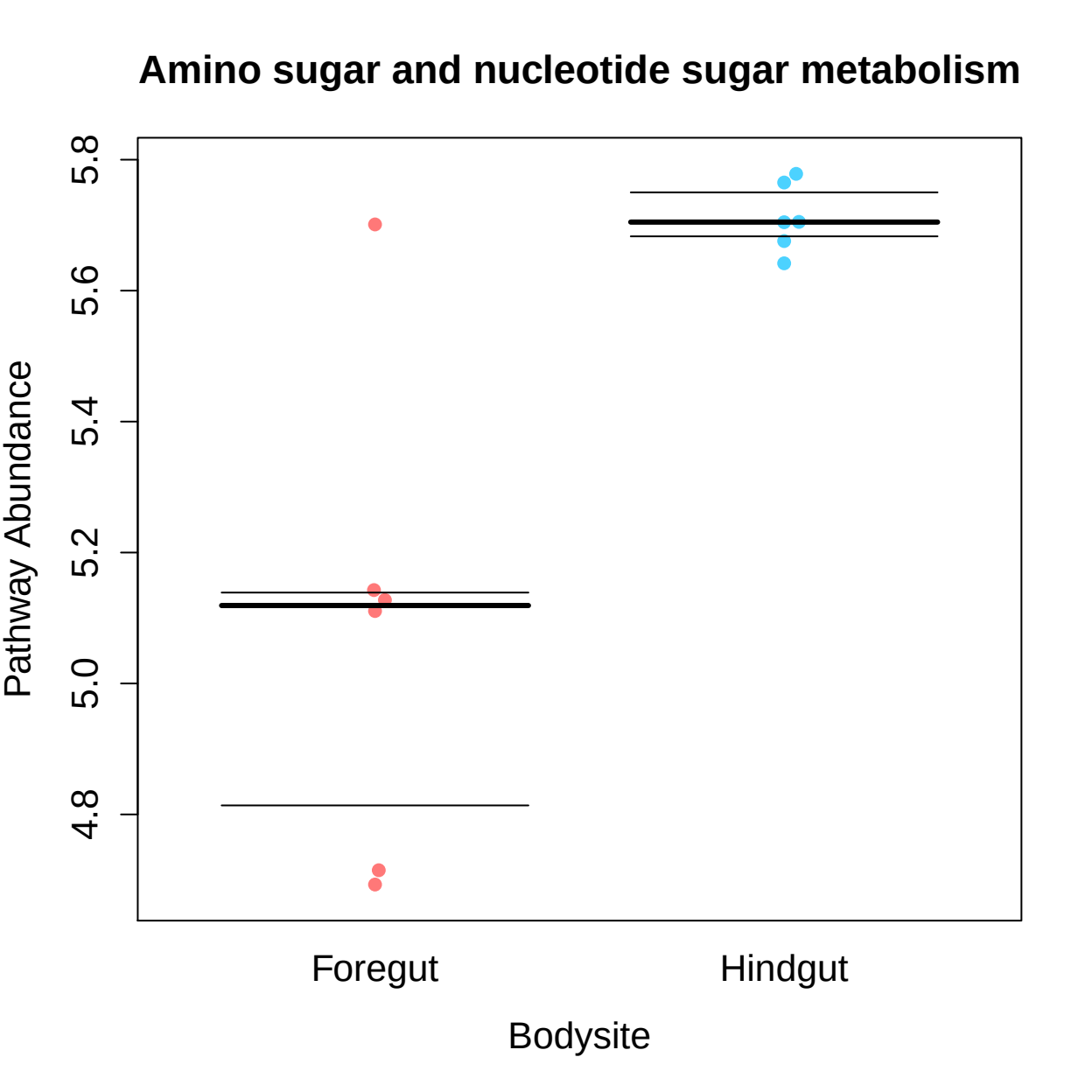

Fc gamma R−mediated phagocytosis
Pathway Abundance
0
−2
−4
−6
−8
−10
Foregut
Hindgut
Bodysite

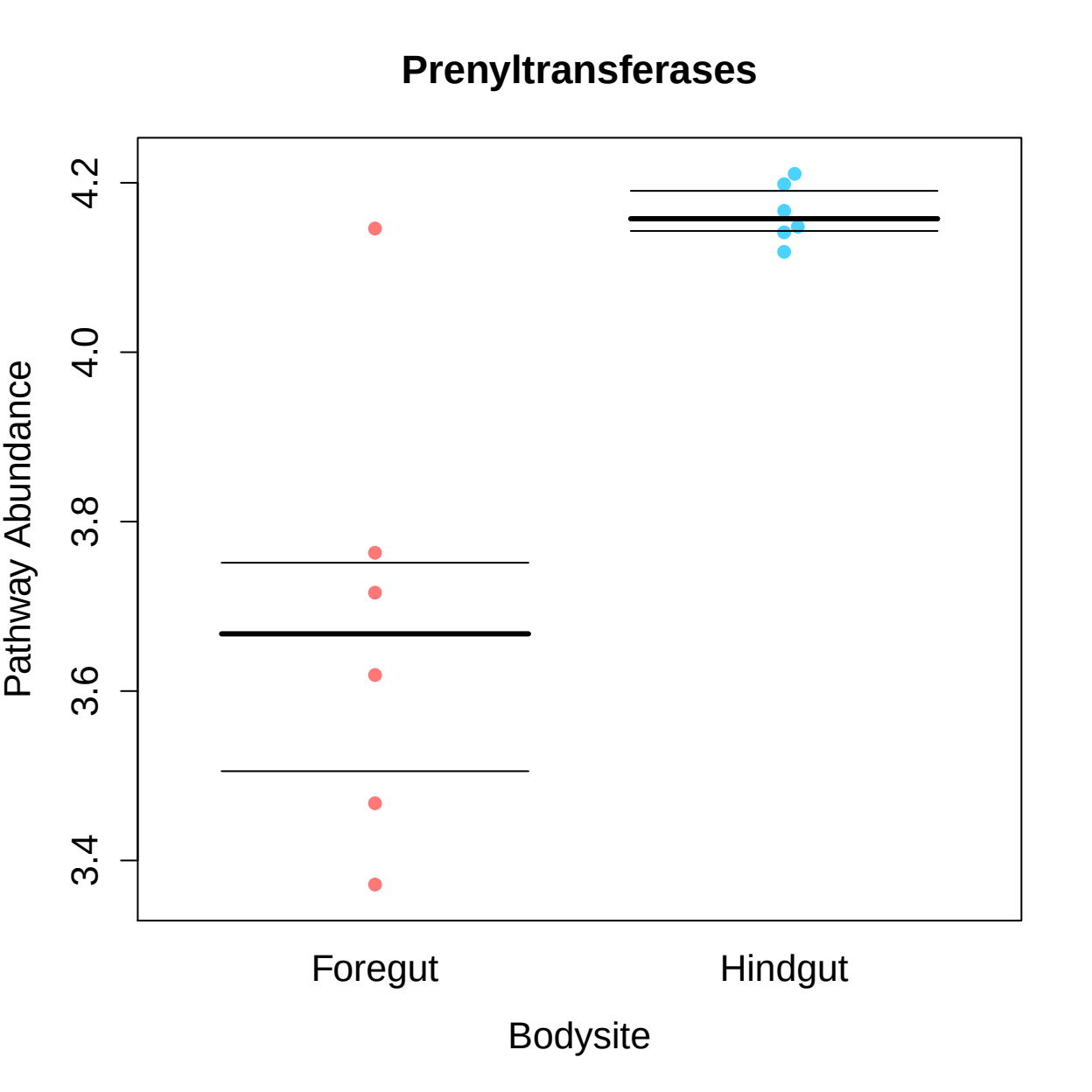

GnRH signaling pathway
Pathway Abundance
0
−2
−4
−6
−8
−10
Foregut
Hindgut
Bodysite

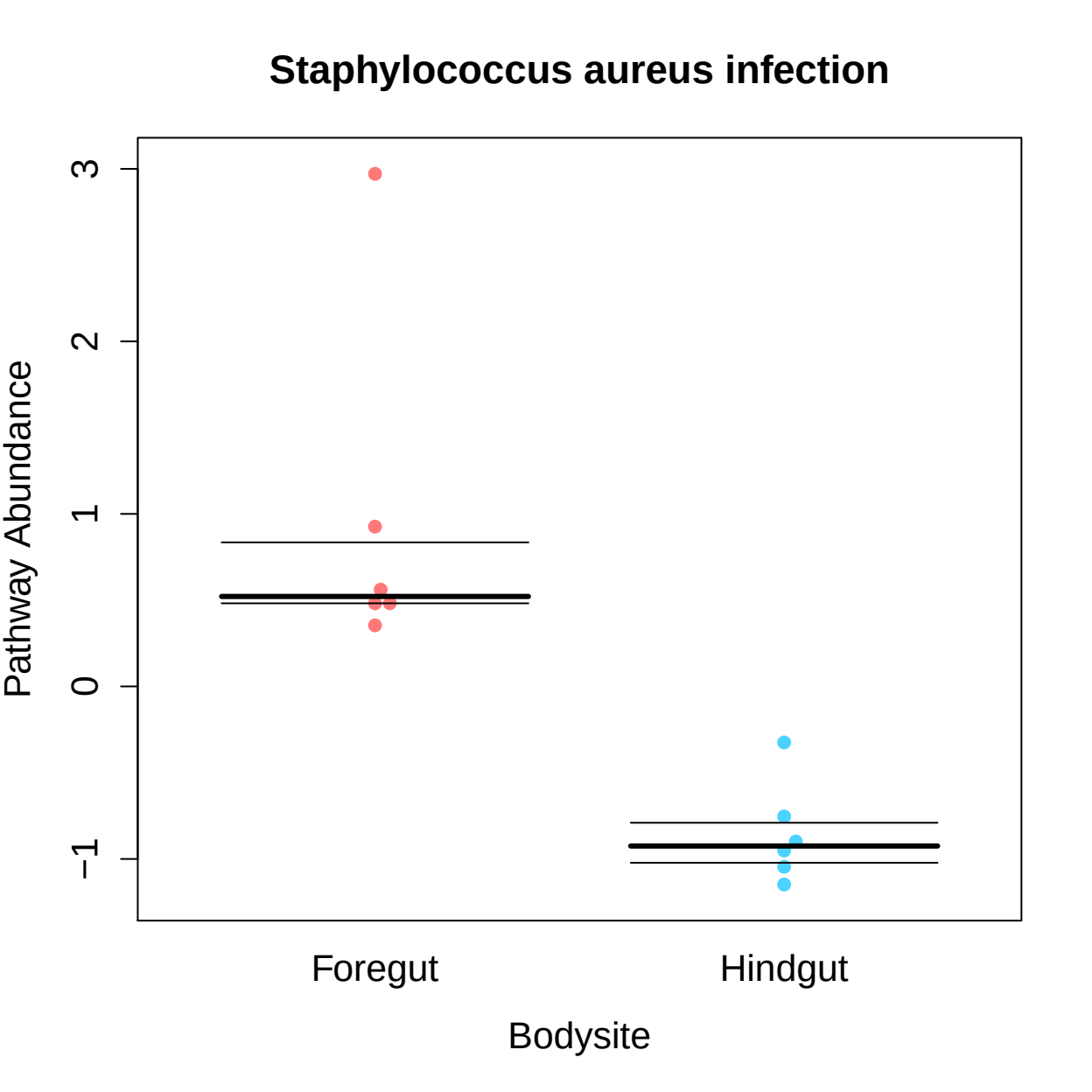

Streptomycin biosynthesis
Pathway Abundance
4.0
3.5
3.0
Foregut
Hindgut
Bodysite

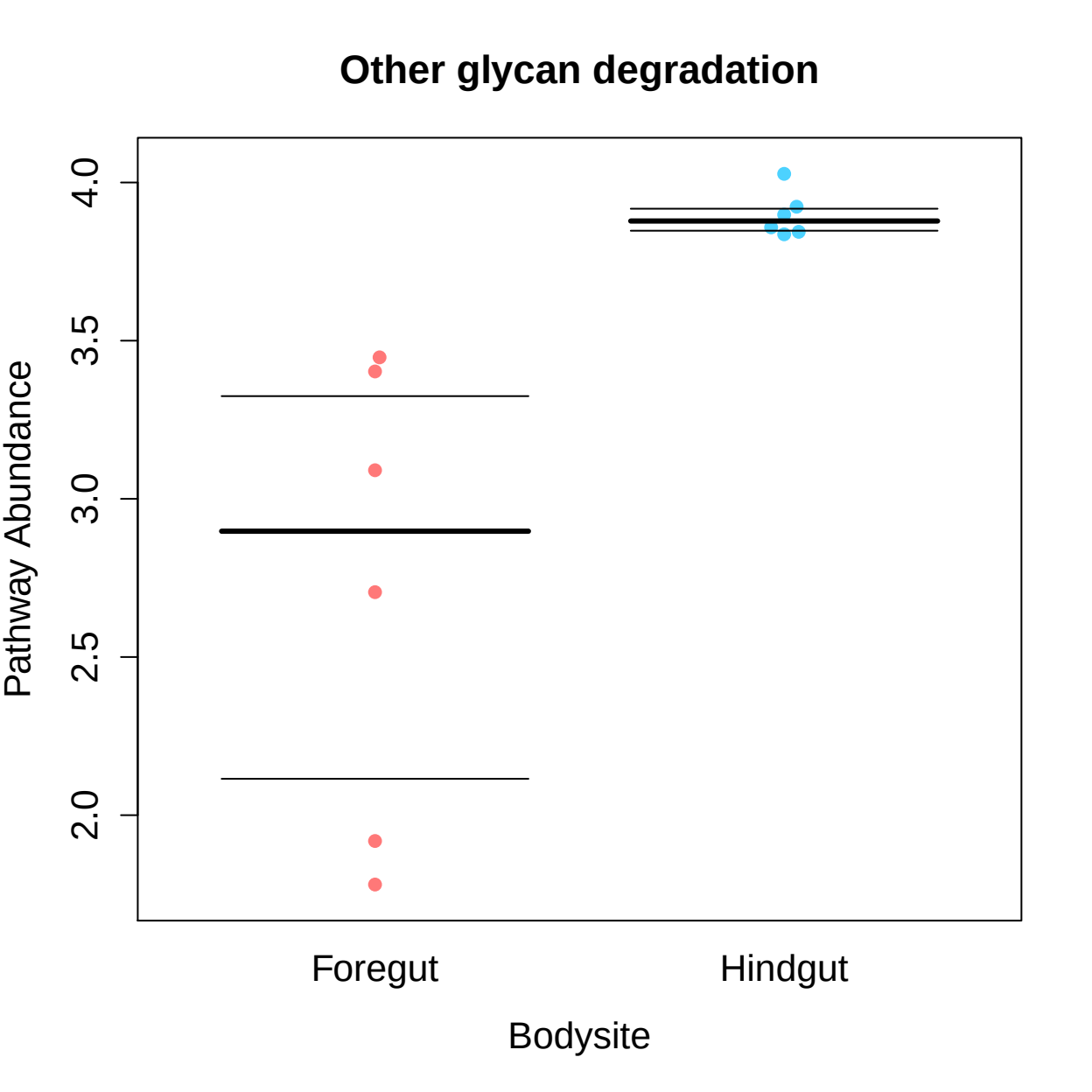

Dioxin degradation
Pathway Abundance
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
Foregut
Hindgut
Bodysite

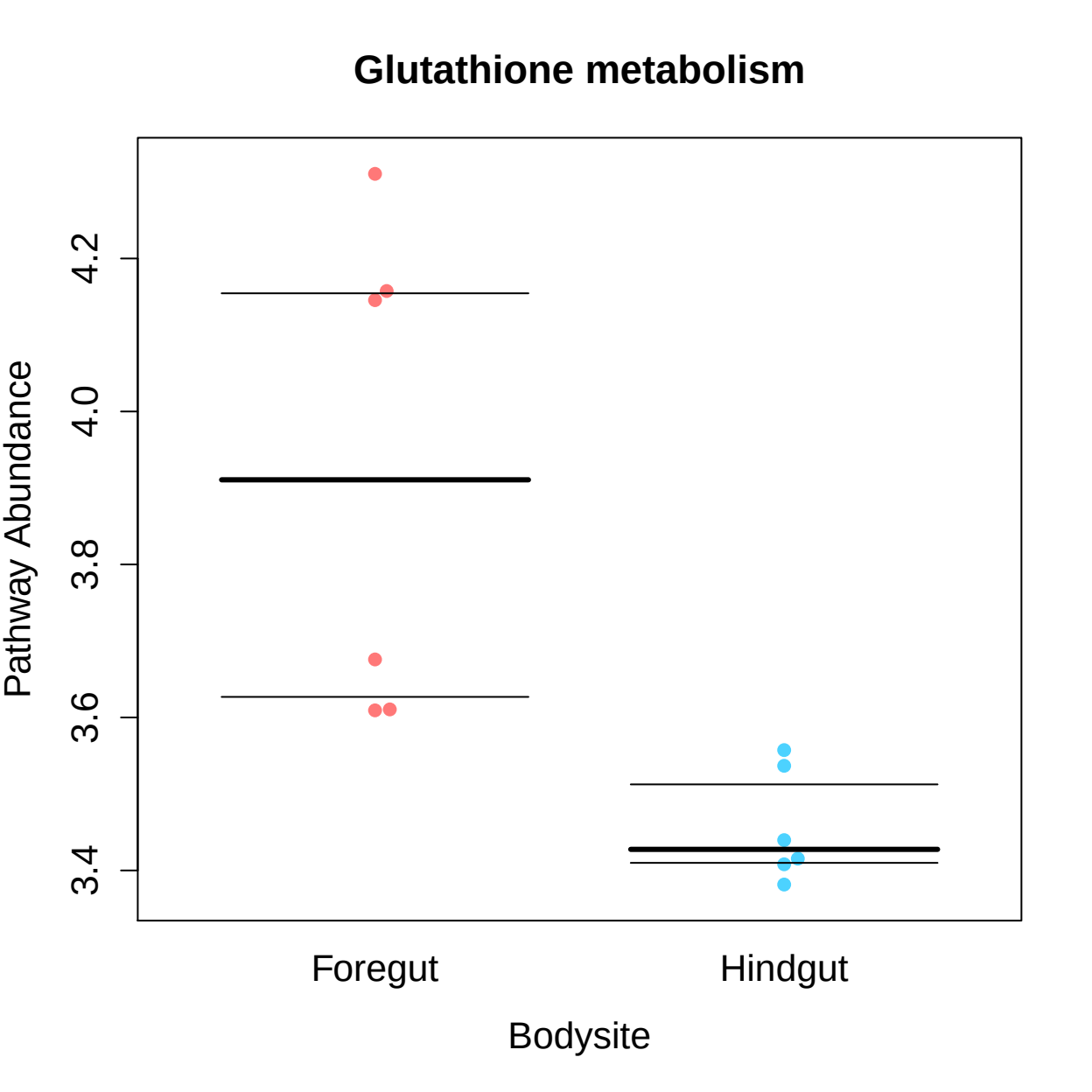

Phosphatidylinositol signaling system
Pathway Abundance
2.4
2.5
2.6
2.7
2.8
2.9
Foregut
Hindgut
Bodysite

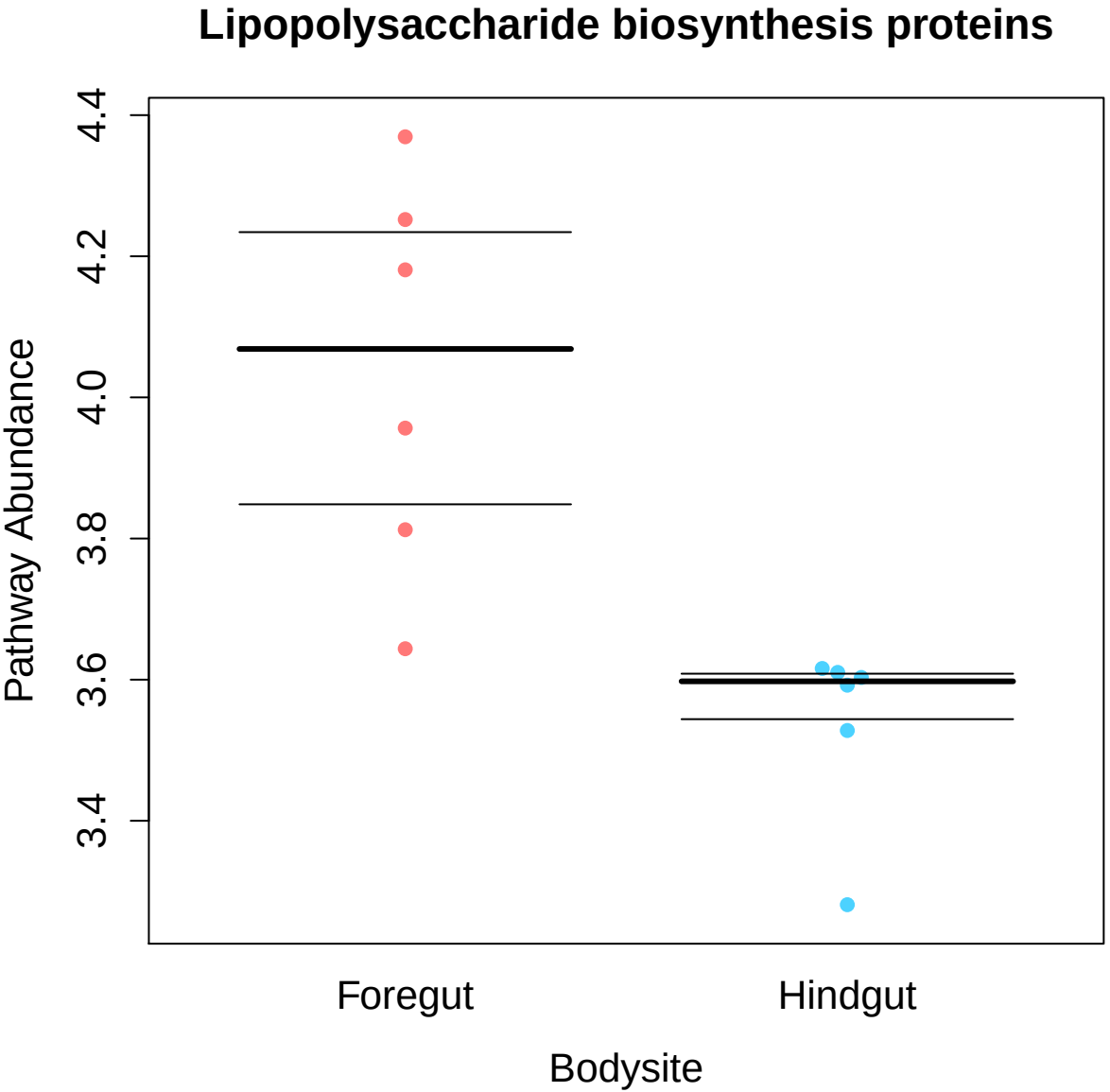

Amino sugar and nucleotide sugar metabolism
Pathway Abundance
5.8
5.6
5.4
5.2
5.0
4.8
Foregut
Hindgut
Bodysite

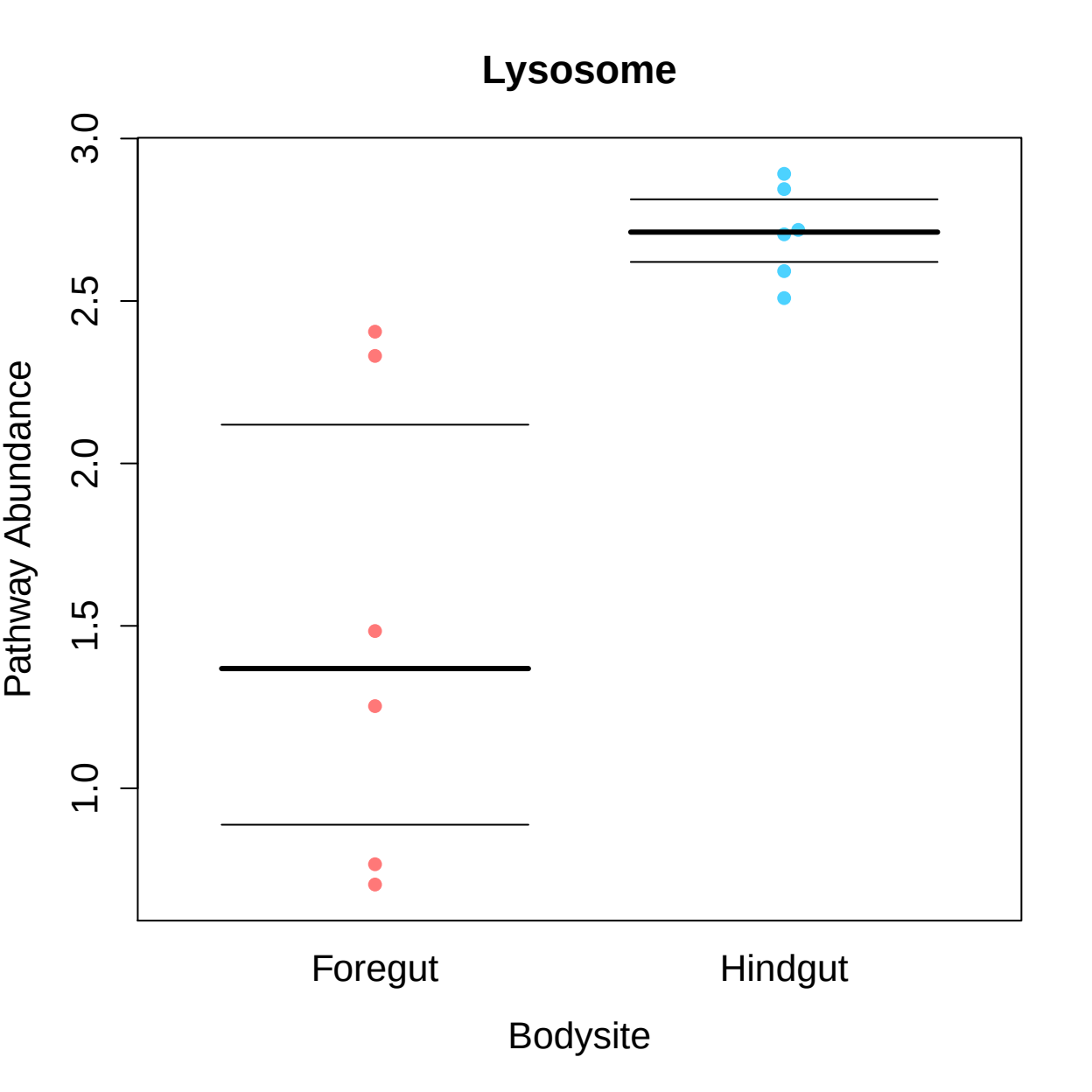

Prenyltransferases
Pathway Abundance
4.2
4.0
3.8
3.6
3.4
Foregut
Hindgut
Bodysite

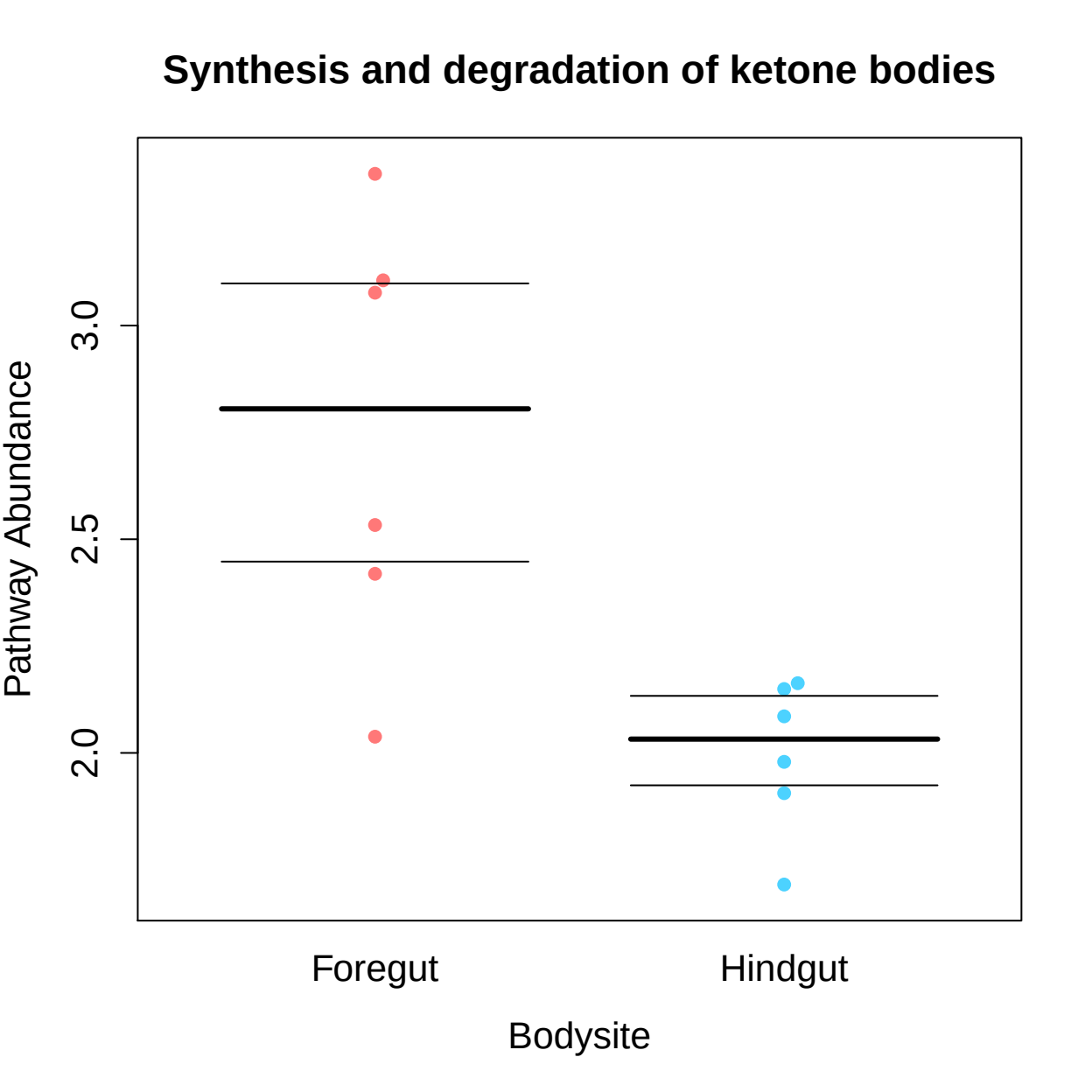

Staphylococcus aureus infection
Pathway Abundance
3
2
1
0
−1
Foregut
Hindgut
Bodysite

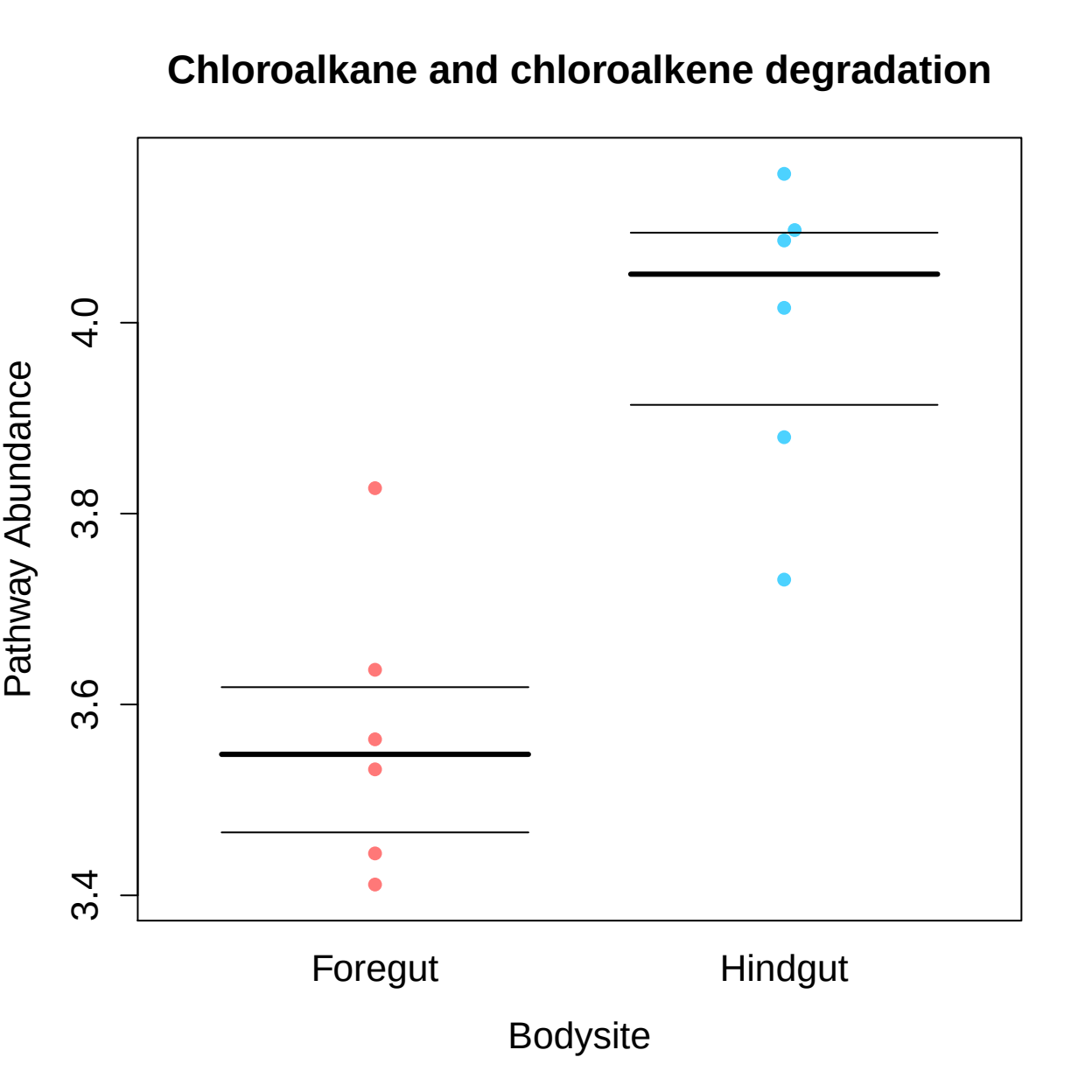

Other glycan degradation
Pathway Abundance
4.0
3.5
3.0
2.5
2.0
Foregut
Hindgut
Bodysite

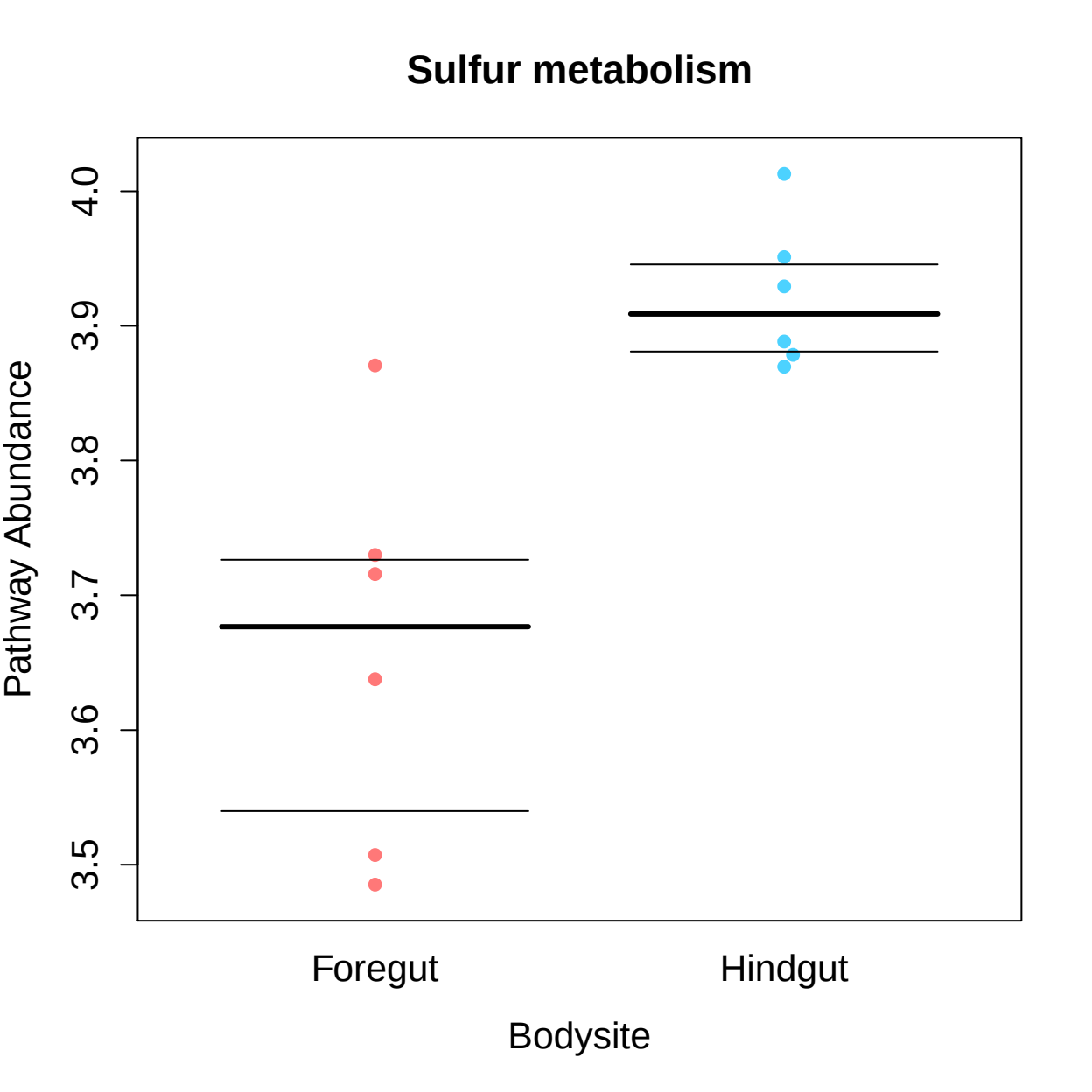

Glutathione metabolism
Pathway Abundance
4.2
4.0
3.8
3.6
3.4
Foregut
Hindgut
Bodysite

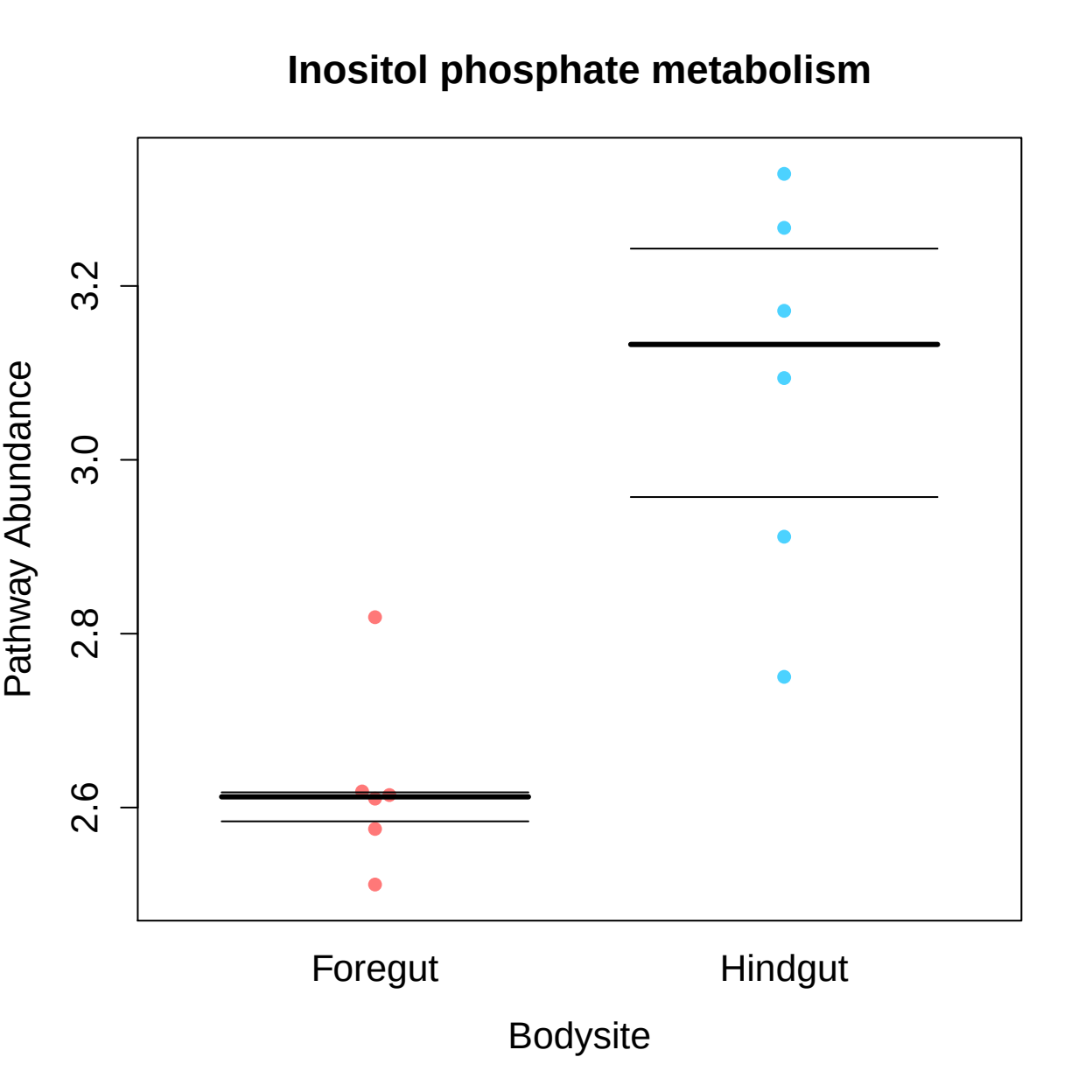

Lipopolysaccharide biosynthesis proteins
Pathway Abundance
4.4
4.2
4.0
3.8
3.6
3.4
Foregut
Hindgut
Bodysite

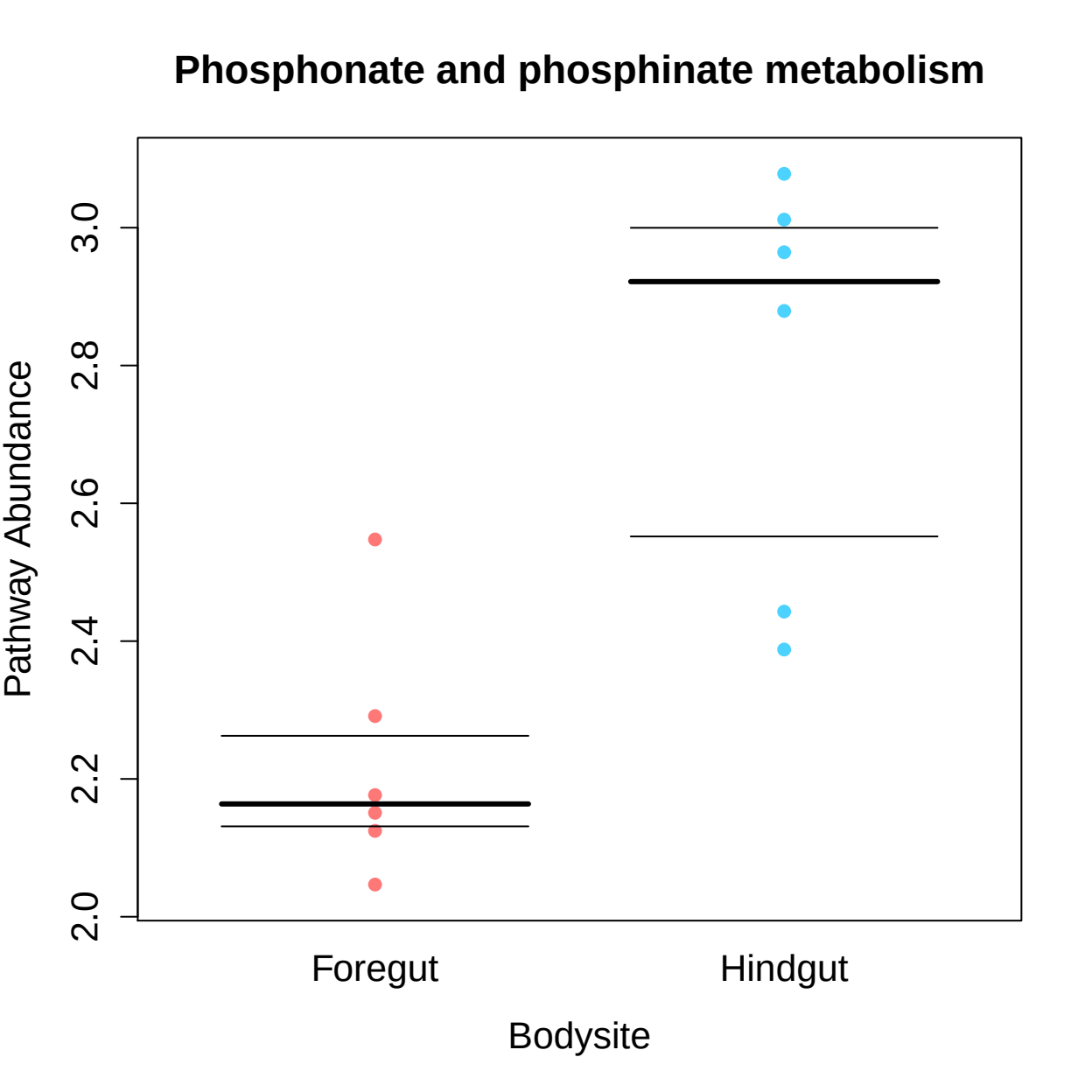

Lysosome
Pathway Abundance
3.0
2.5
2.0
1.5
1.0
Foregut
Hindgut
Bodysite

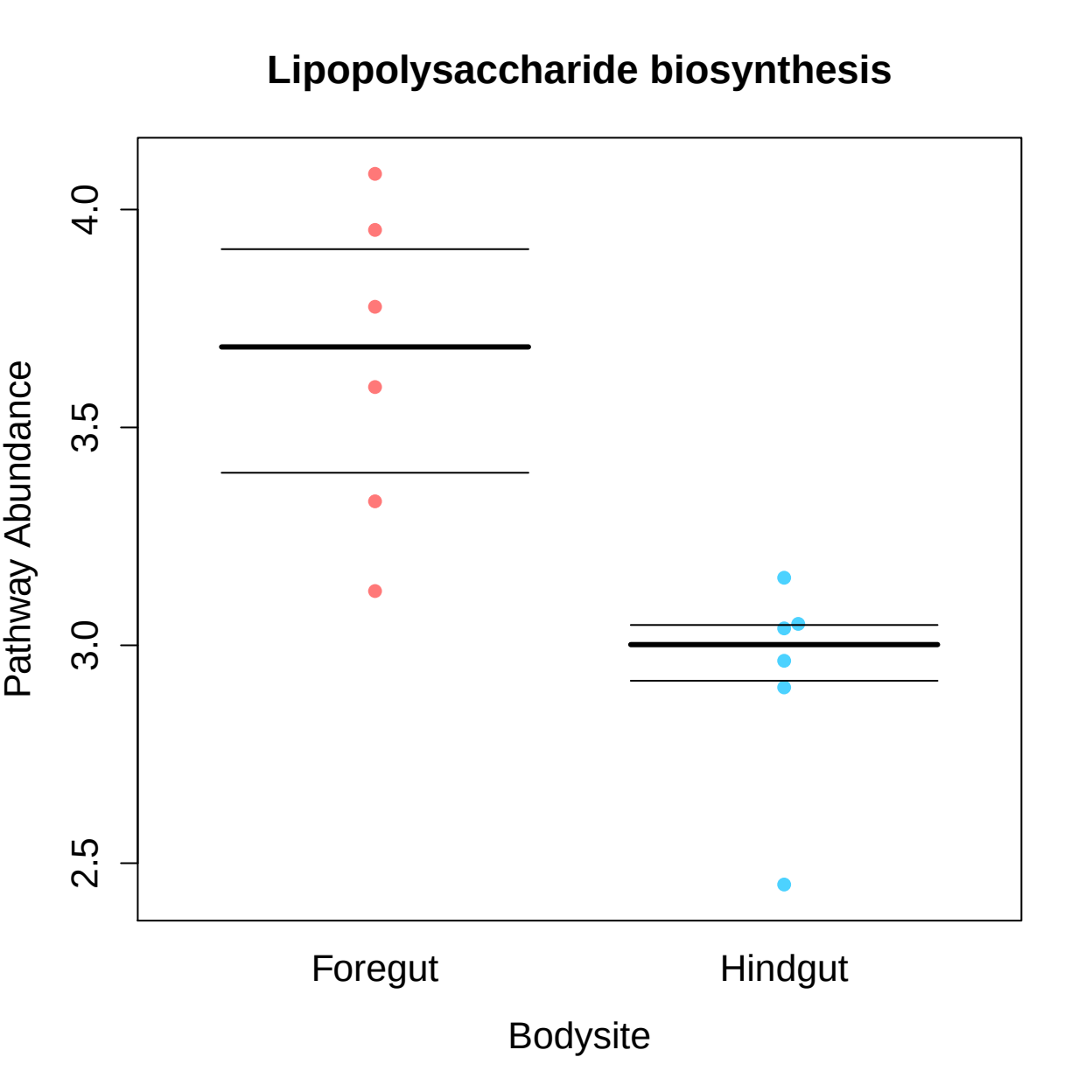

Synthesis and degradation of ketone bodies
Pathway Abundance
3.0
2.5
2.0
Foregut
Hindgut
Bodysite

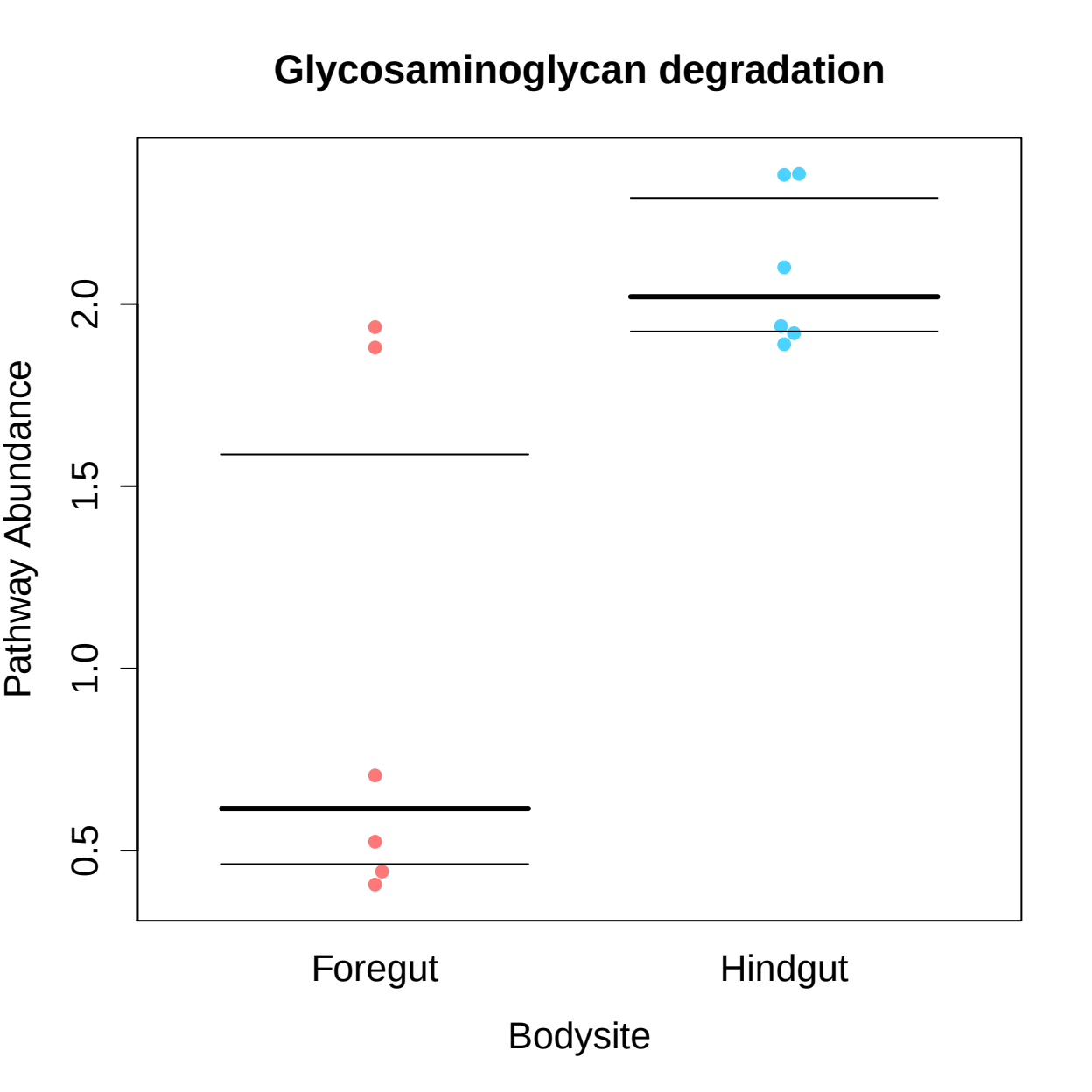

Chloroalkane and chloroalkene degradation
Pathway Abundance
4.0
3.8
3.6
3.4
Foregut
Hindgut
Bodysite

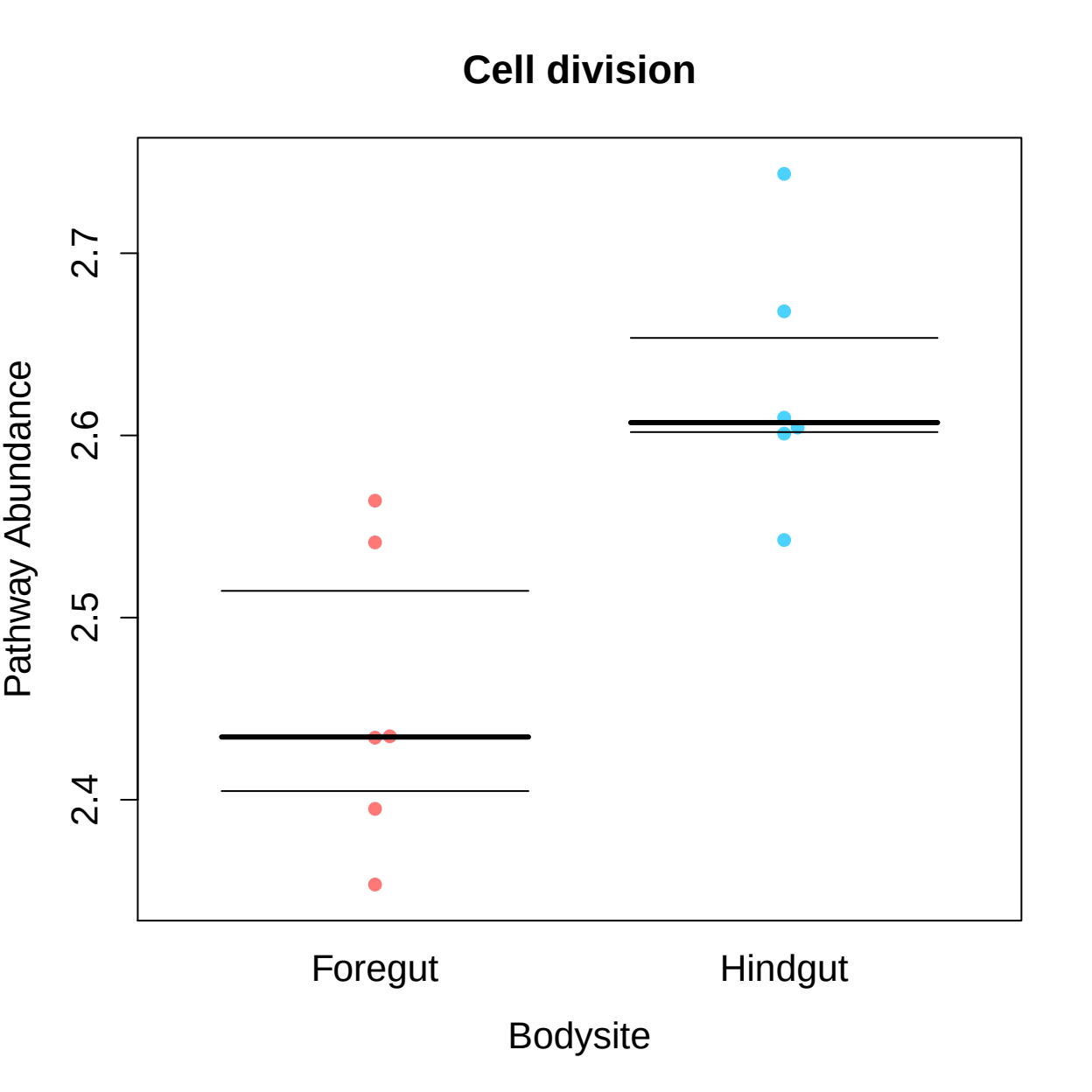

Sulfur metabolism
Pathway Abundance
4.0
3.9
3.8
3.7
3.6
3.5
Foregut
Hindgut
Bodysite

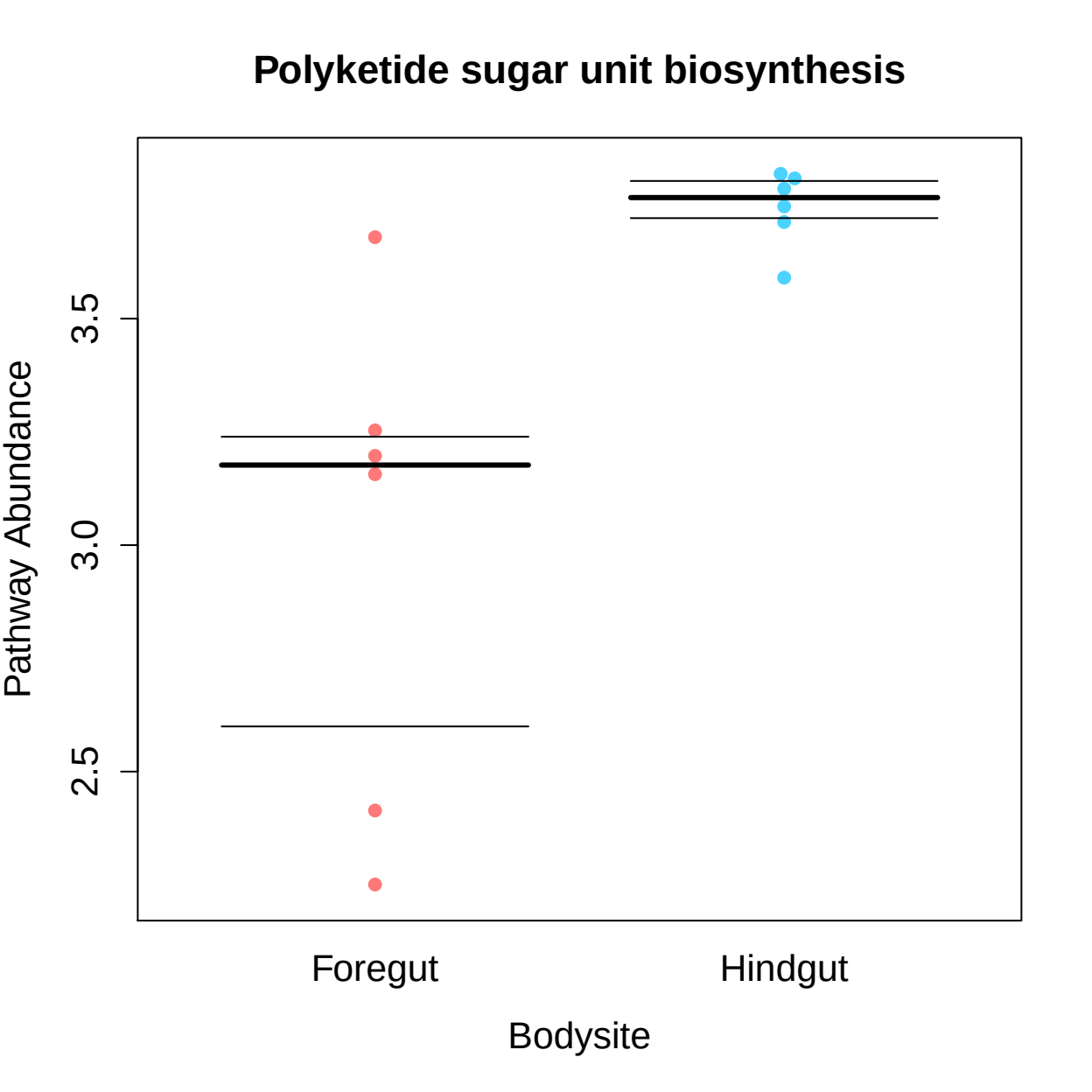

Inositol phosphate metabolism
Pathway Abundance
2.6
2.8
3.0
3.2
Foregut
Hindgut
Bodysite

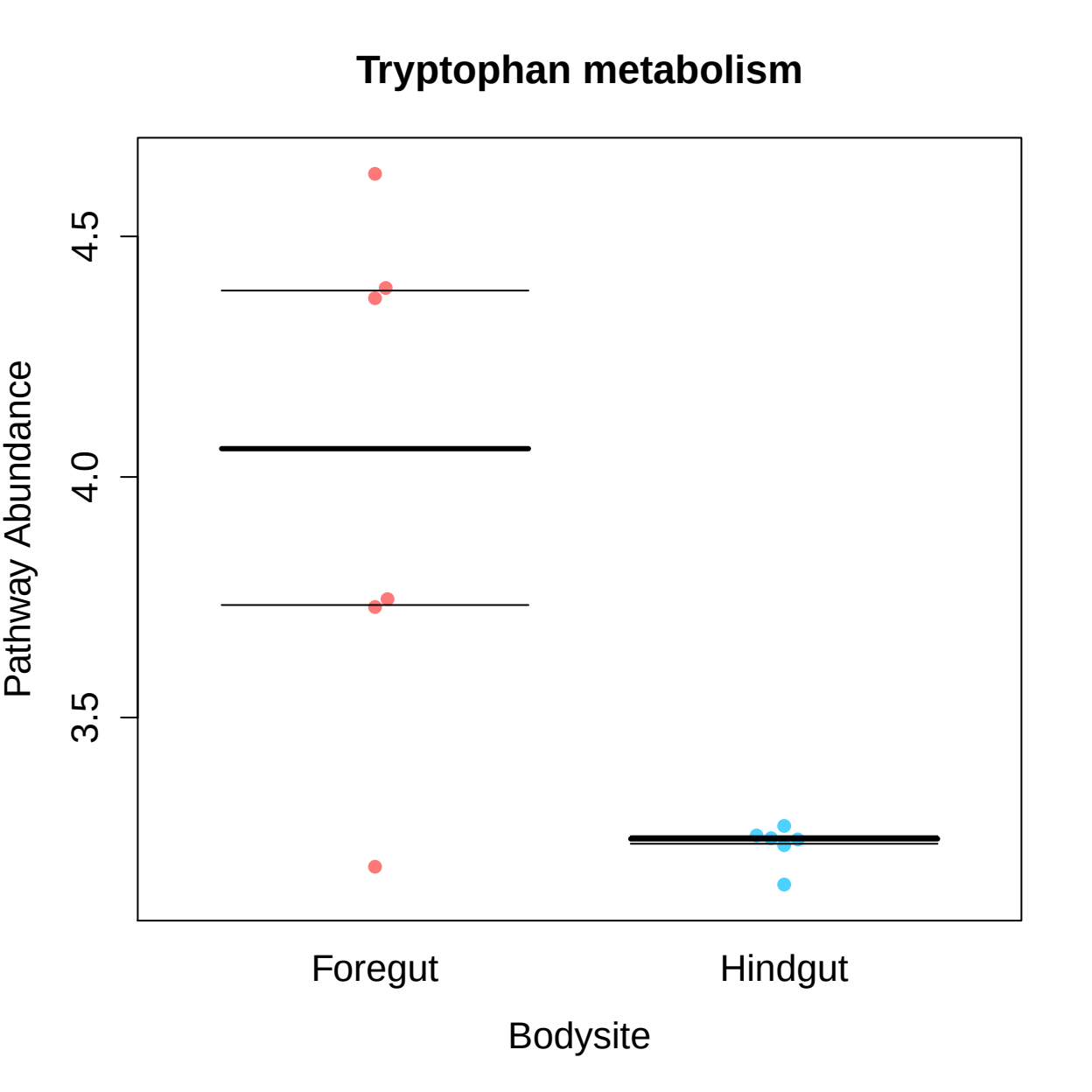

Phosphonate and phosphinate metabolism
Pathway Abundance
2.0
2.2
2.4
2.6
2.8
3.0
Foregut
Hindgut
Bodysite

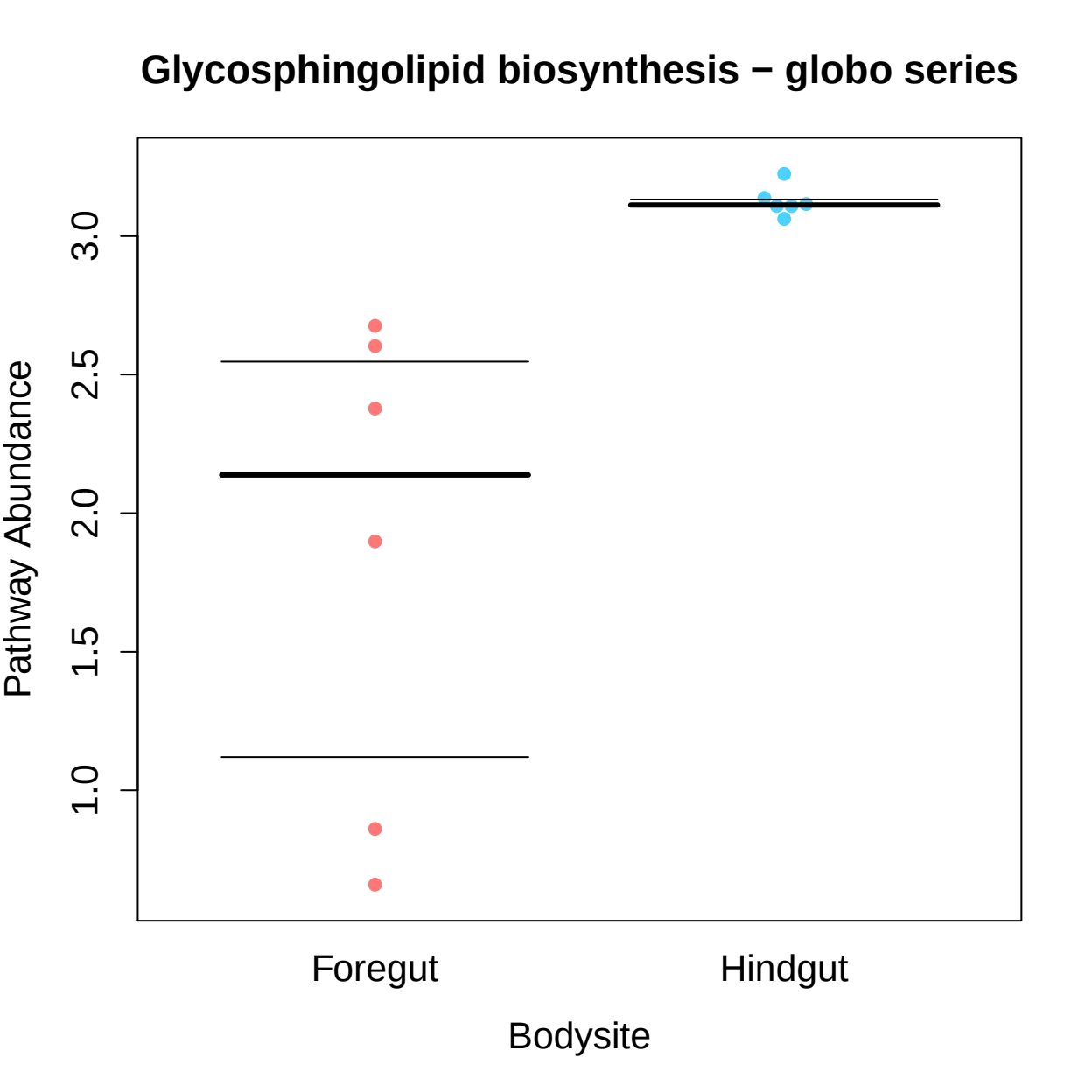

Lipopolysaccharide biosynthesis
Pathway Abundance
4.0
3.5
3.0
2.5
Foregut
Hindgut
Bodysite

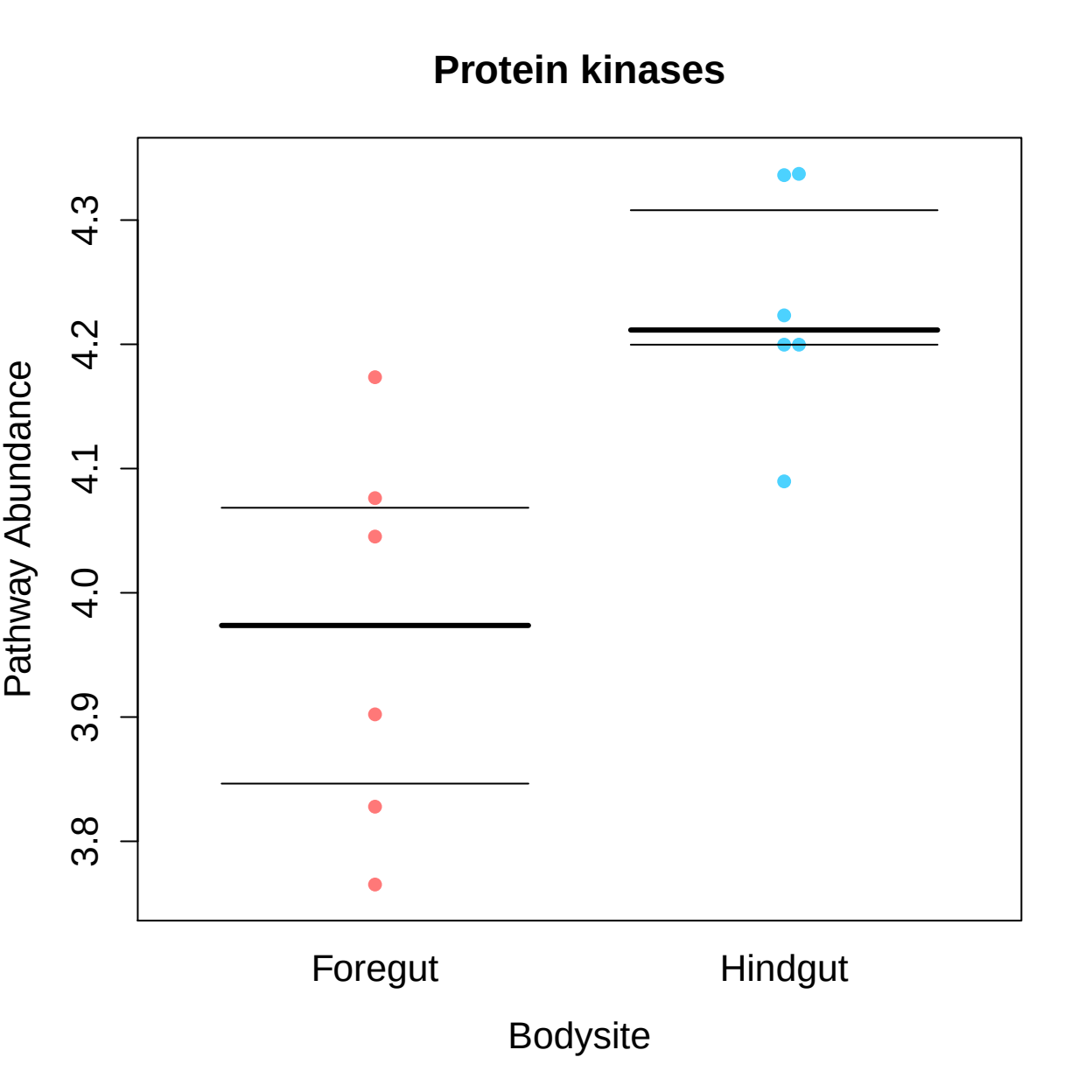

Glycosaminoglycan degradation
Pathway Abundance
0.5
1.0
1.5
2.0
Foregut
Hindgut
Bodysite

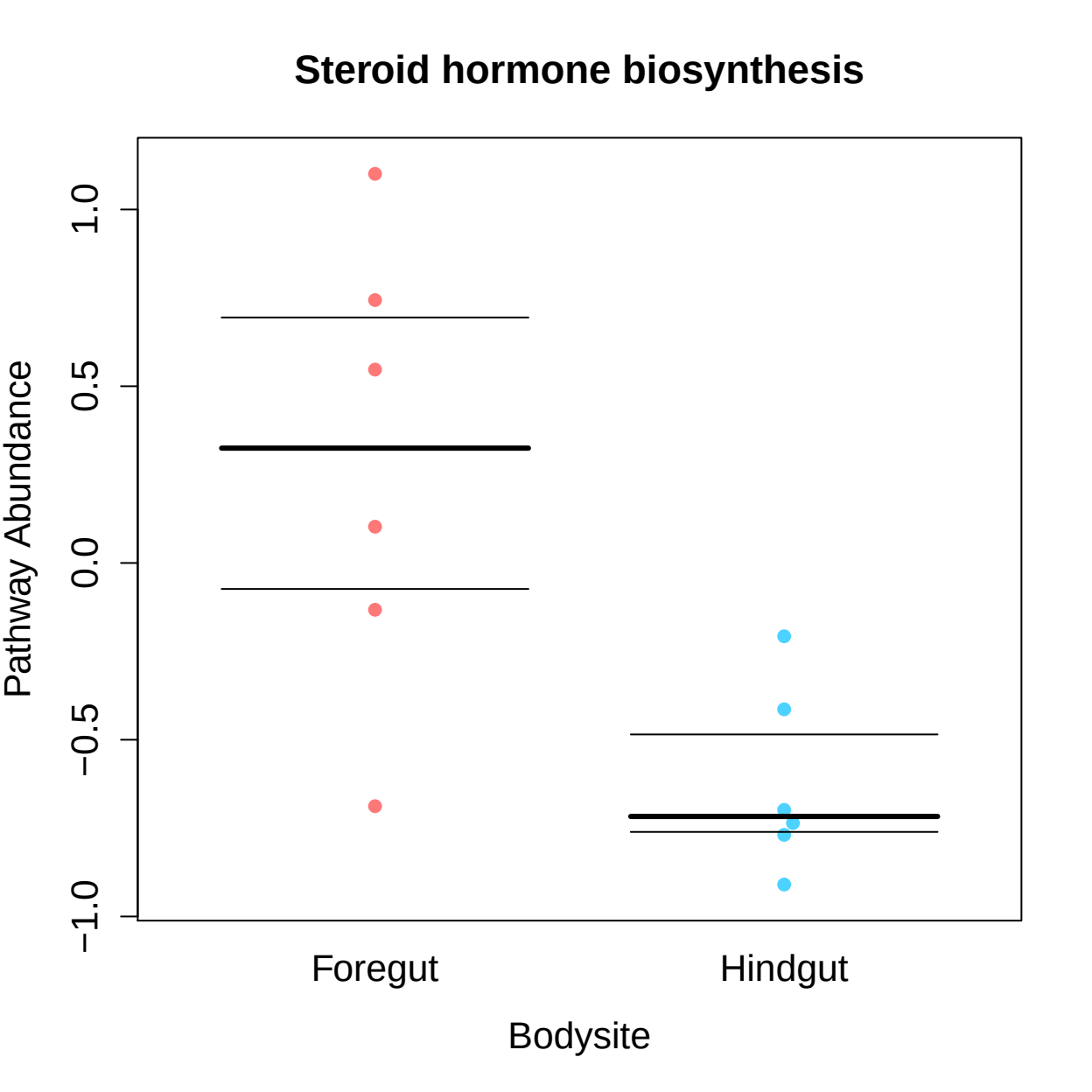

Cell division
Pathway Abundance
2.4
2.5
2.6
2.7
Foregut
Hindgut
Bodysite

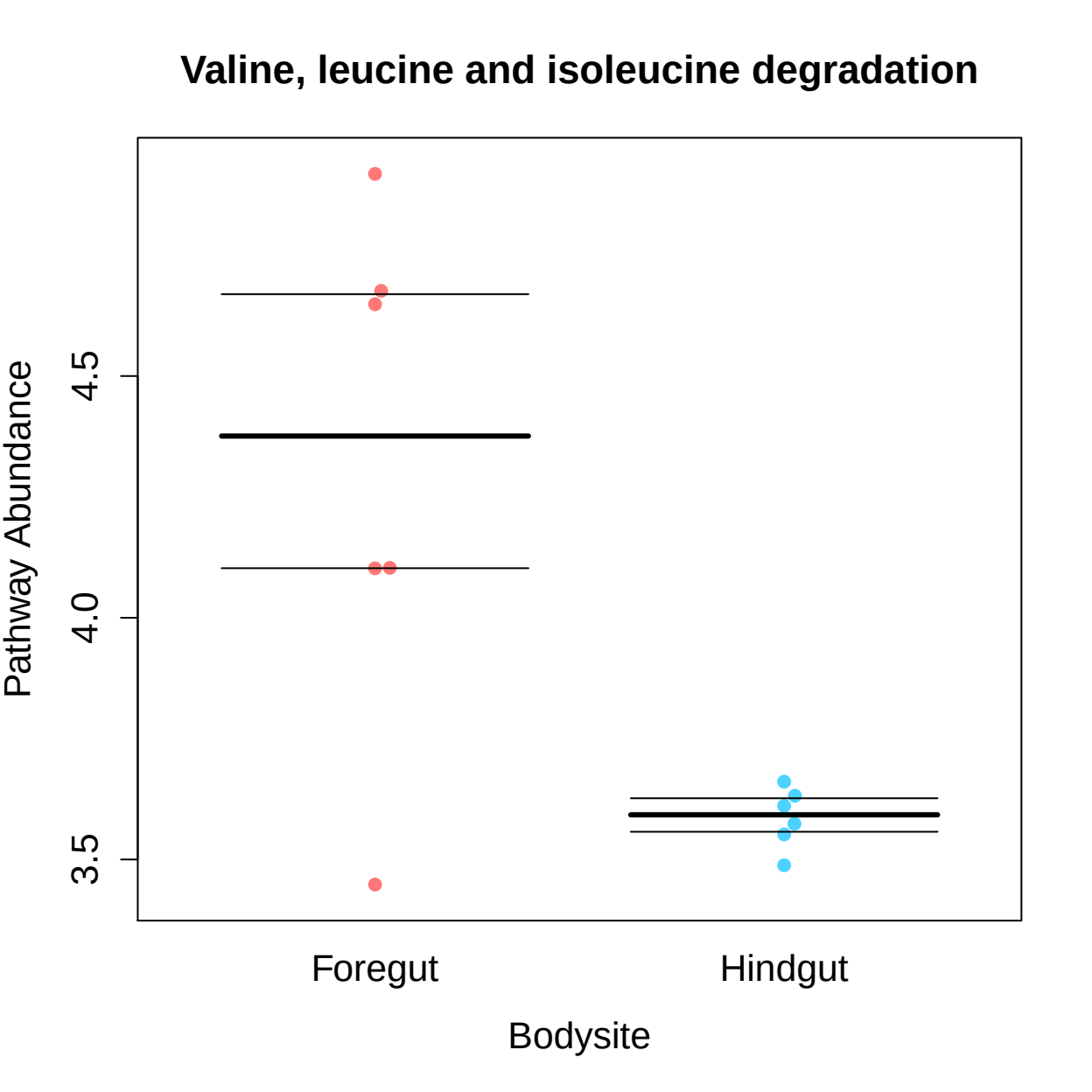

Polyketide sugar unit biosynthesis
Pathway Abundance
2.5
3.0
3.5
Foregut
Hindgut
Bodysite

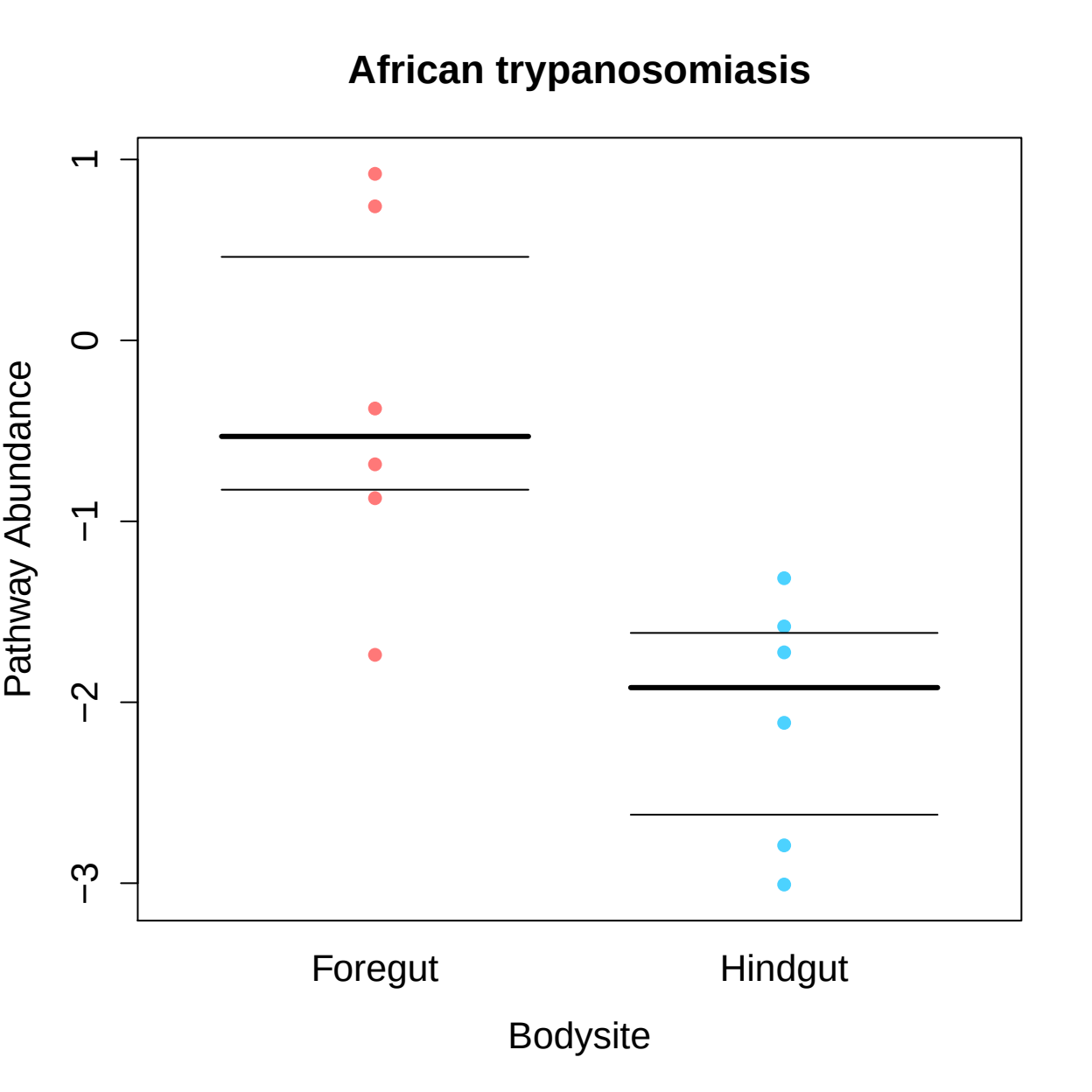

Tryptophan metabolism
Pathway Abundance
4.5
4.0
3.5
Foregut
Hindgut
Bodysite

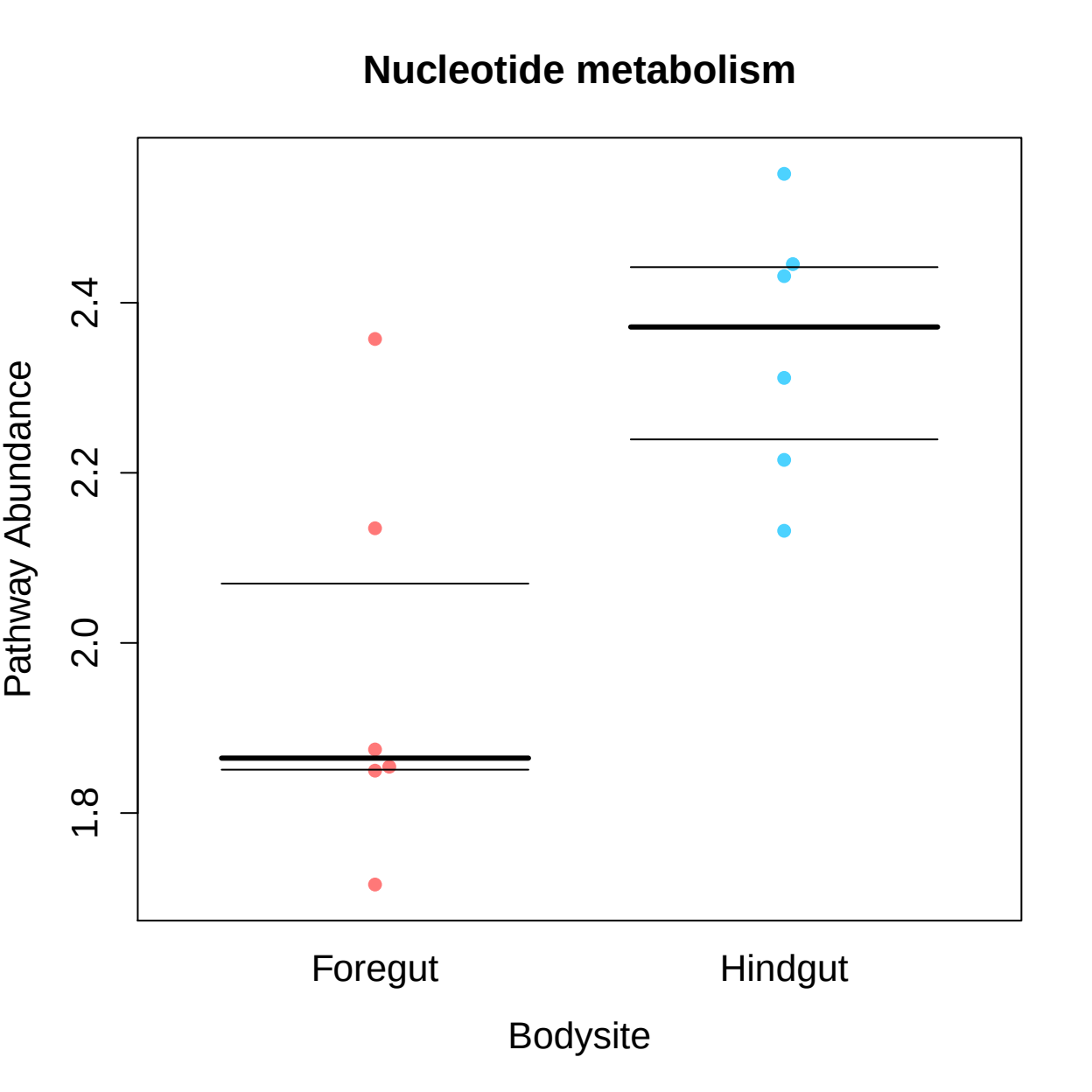

Glycosphingolipid biosynthesis − globo series
Pathway Abundance
1.0
1.5
2.0
2.5
3.0
Foregut
Hindgut
Bodysite

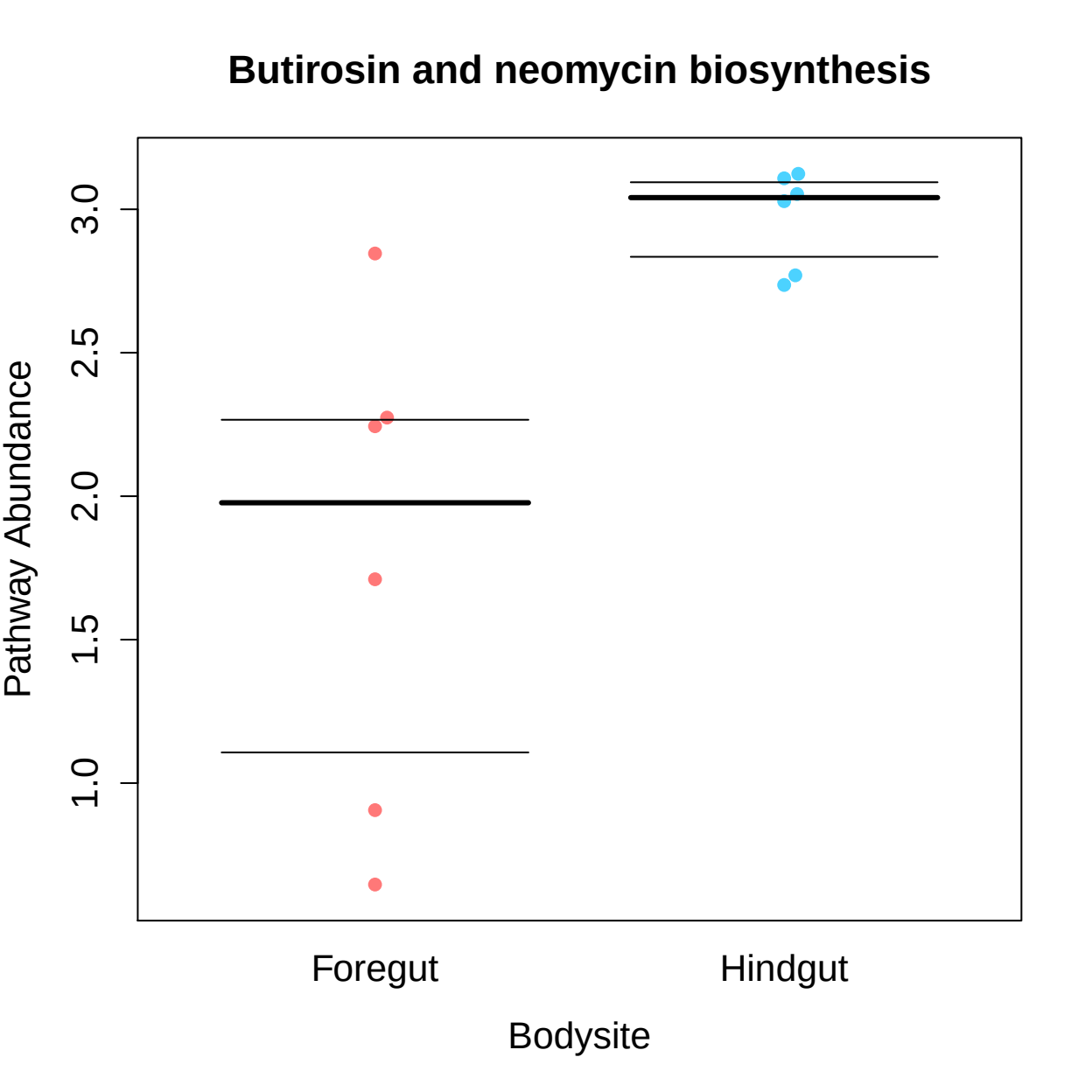

Protein kinases
Pathway Abundance
3.8
3.9
4.0
4.1
4.2
4.3
Foregut
Hindgut
Bodysite

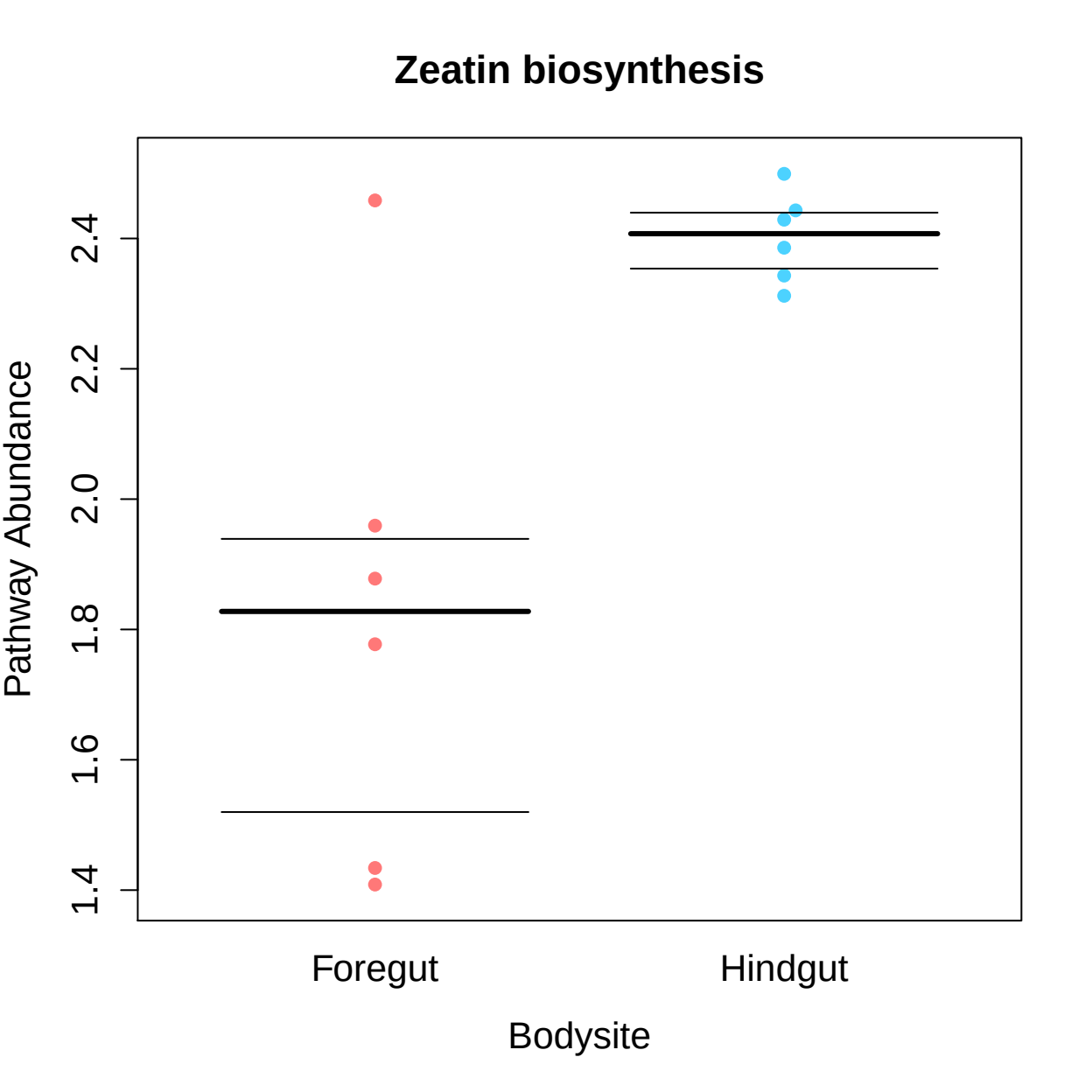

Steroid hormone biosynthesis
Pathway Abundance
1.0
0.5
0.0
−0.5
−1.0
Foregut
Hindgut
Bodysite

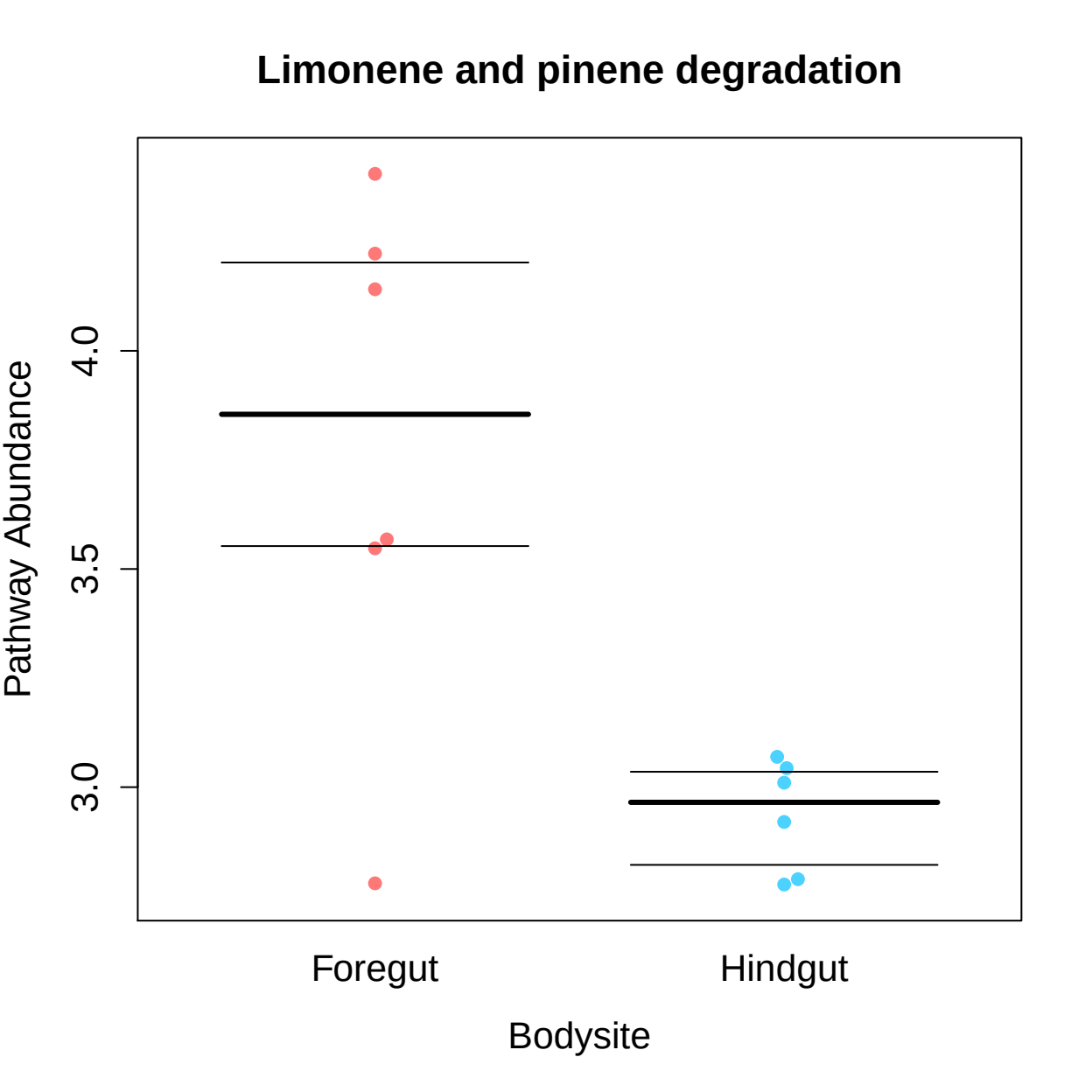

Valine, leucine and isoleucine degradation
Pathway Abundance
4.5
4.0
3.5
Foregut
Hindgut
Bodysite

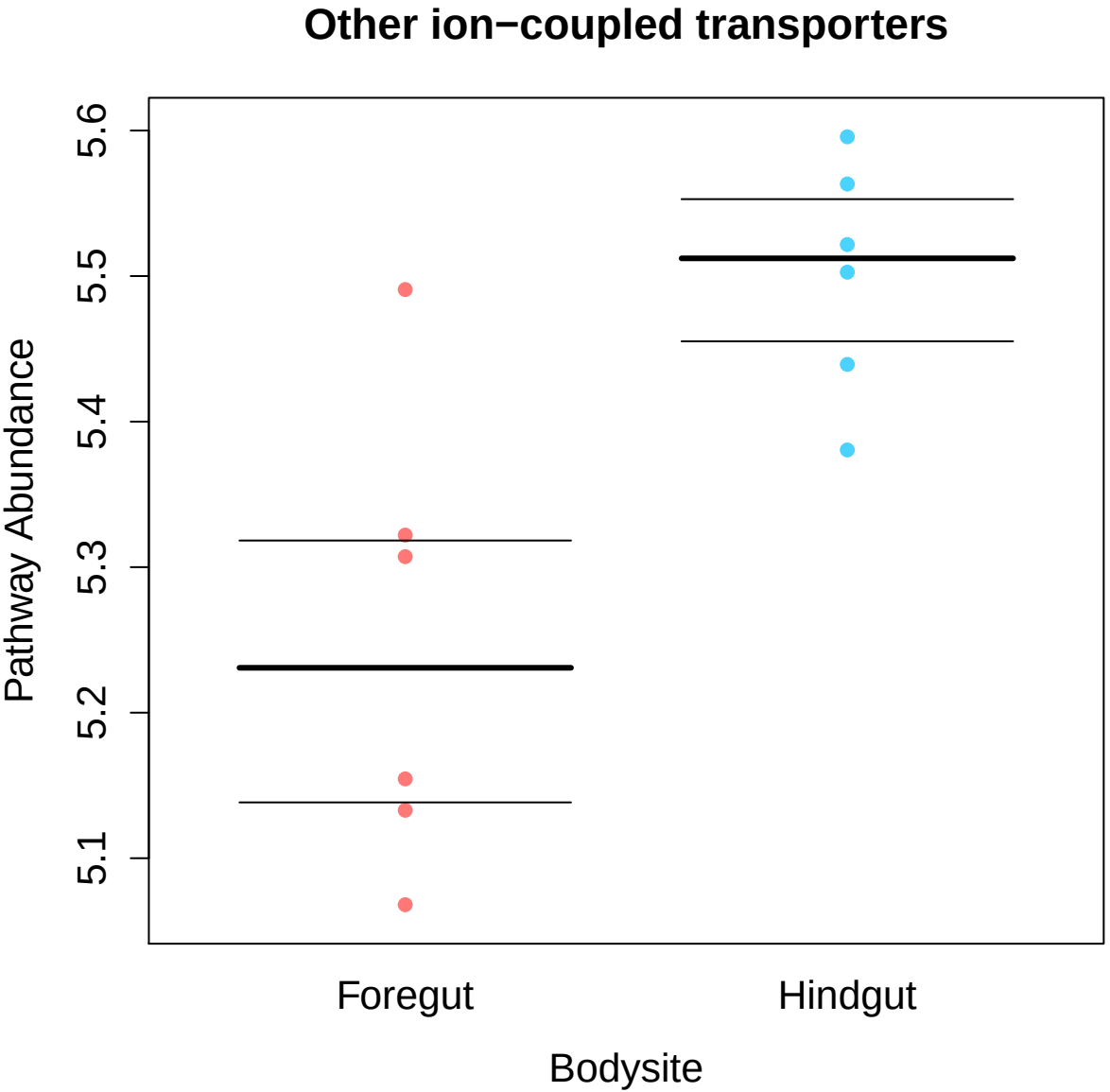

African trypanosomiasis
Pathway Abundance
1
0
−1
−2
−3
Foregut
Hindgut
Bodysite

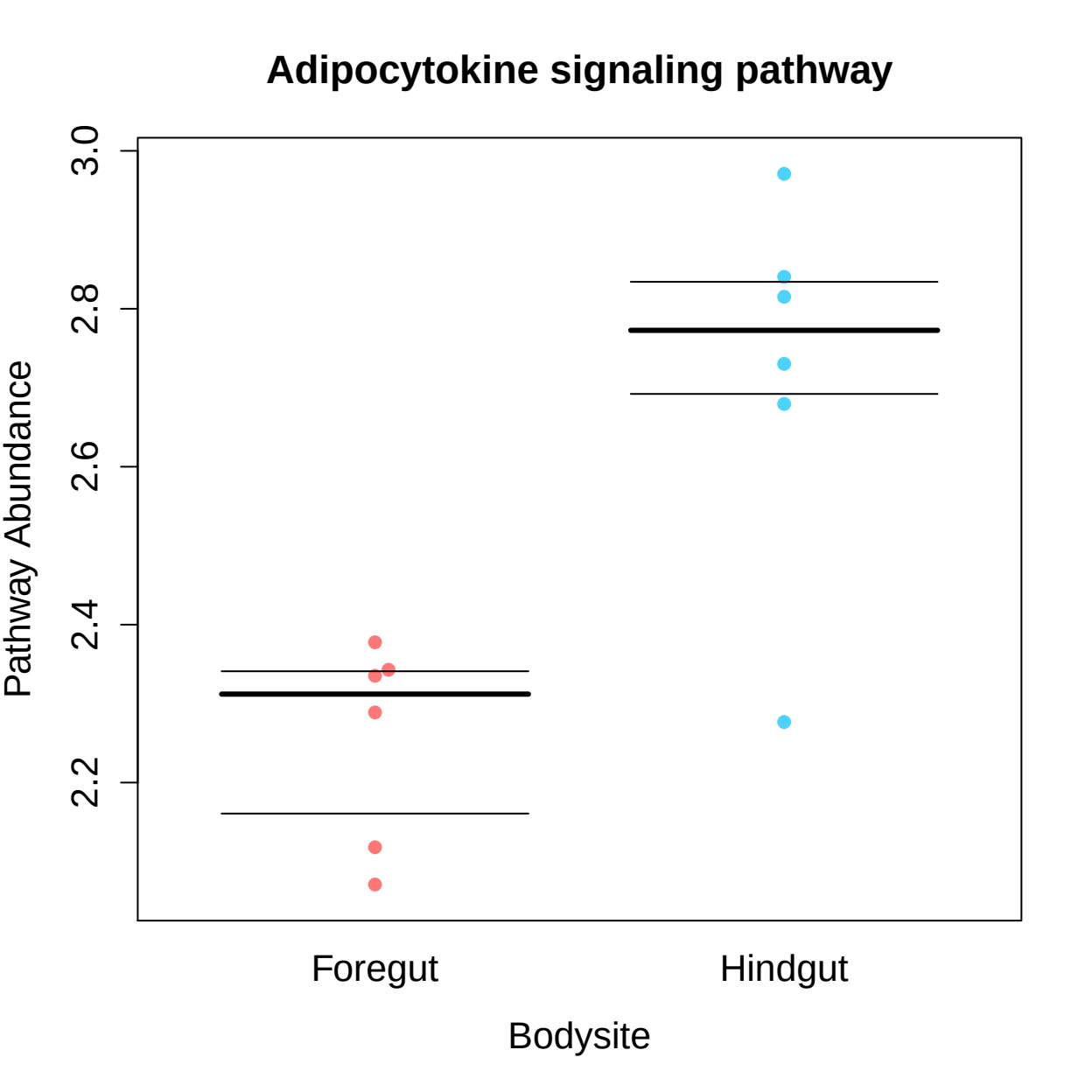

Nucleotide metabolism
Pathway Abundance
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

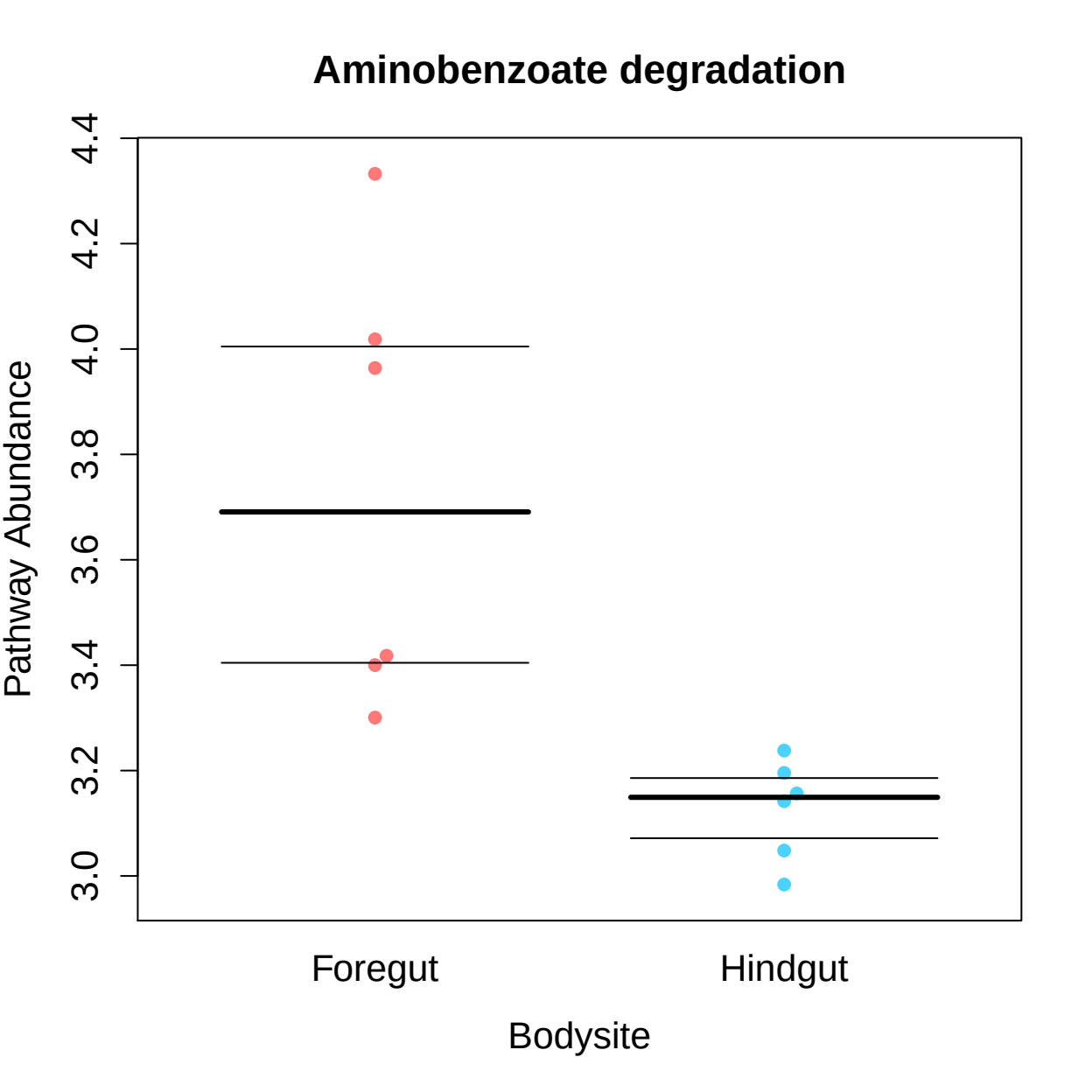

Butirosin and neomycin biosynthesis
Pathway Abundance
1.0
1.5
2.0
2.5
3.0
Foregut
Hindgut
Bodysite

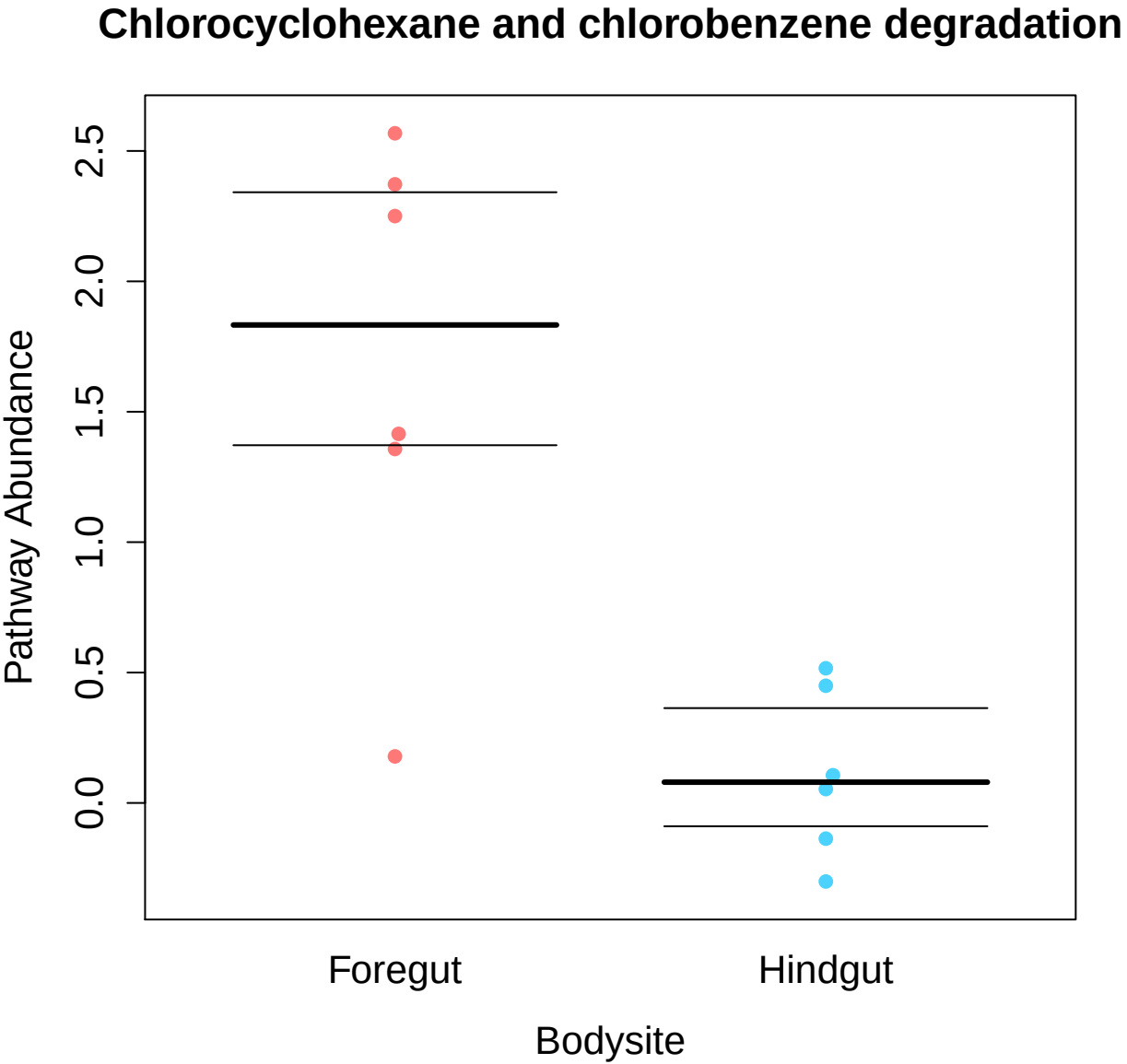

Zeatin biosynthesis
Pathway Abundance
1.4
1.6
1.8
2.0
2.2
2.4
Foregut
Hindgut
Bodysite

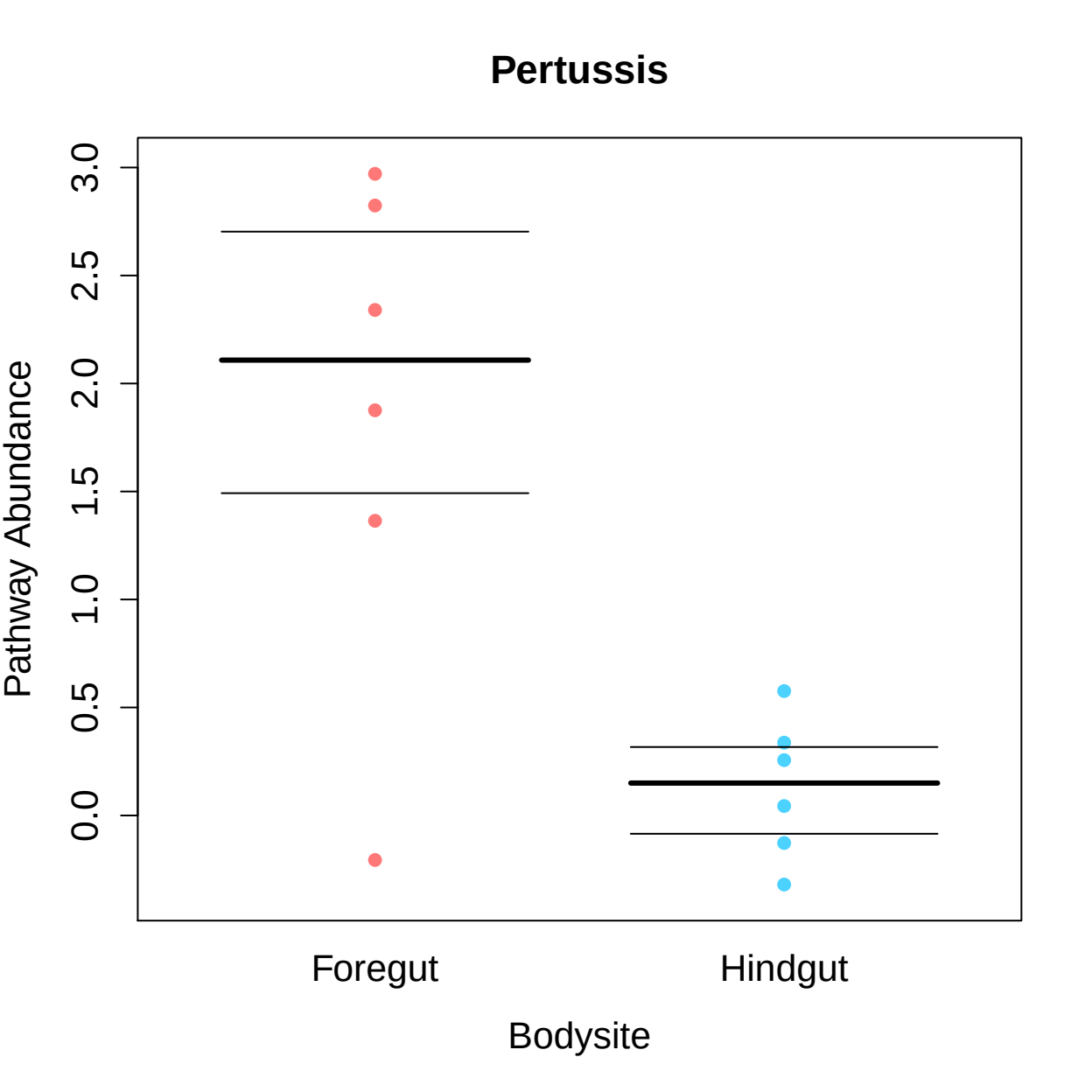

Limonene and pinene degradation
Pathway Abundance
4.0
3.5
3.0
Foregut
Hindgut
Bodysite

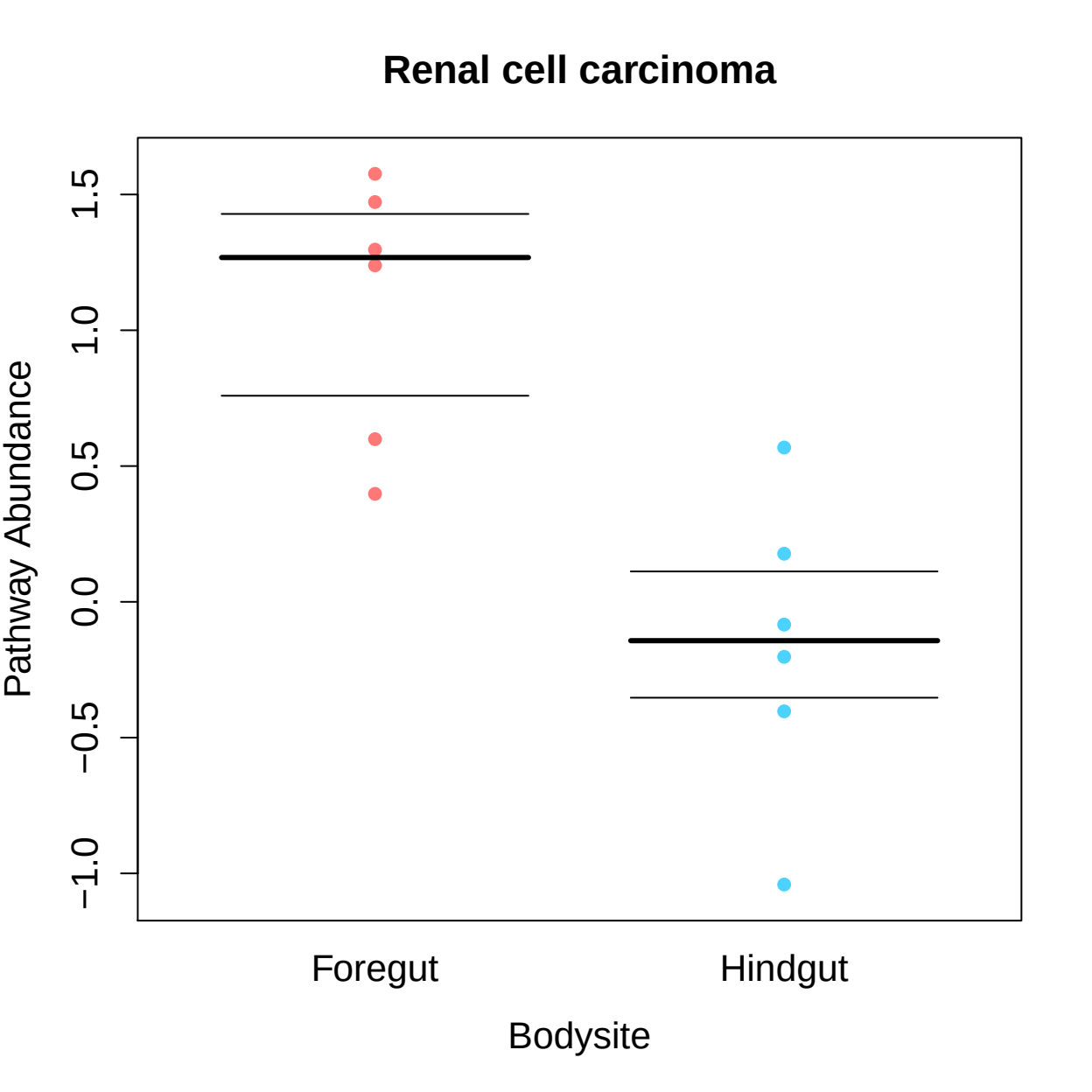

Other ion−coupled transporters
Pathway Abundance
5.1
5.2
5.3
5.4
5.5
5.6
Foregut
Hindgut
Bodysite

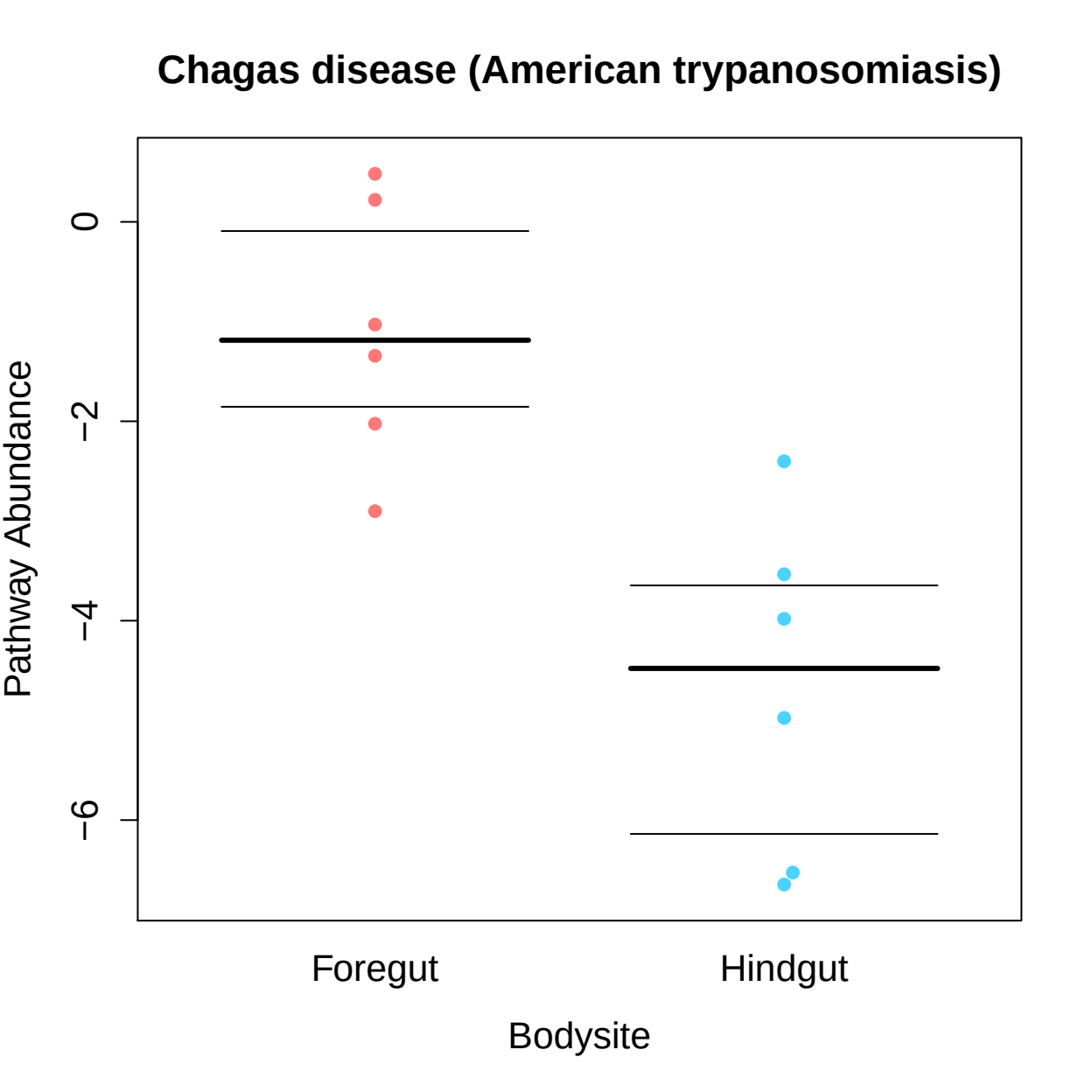

Adipocytokine signaling pathway
Pathway Abundance
3.0
2.8
2.6
2.4
2.2
Foregut
Hindgut
Bodysite

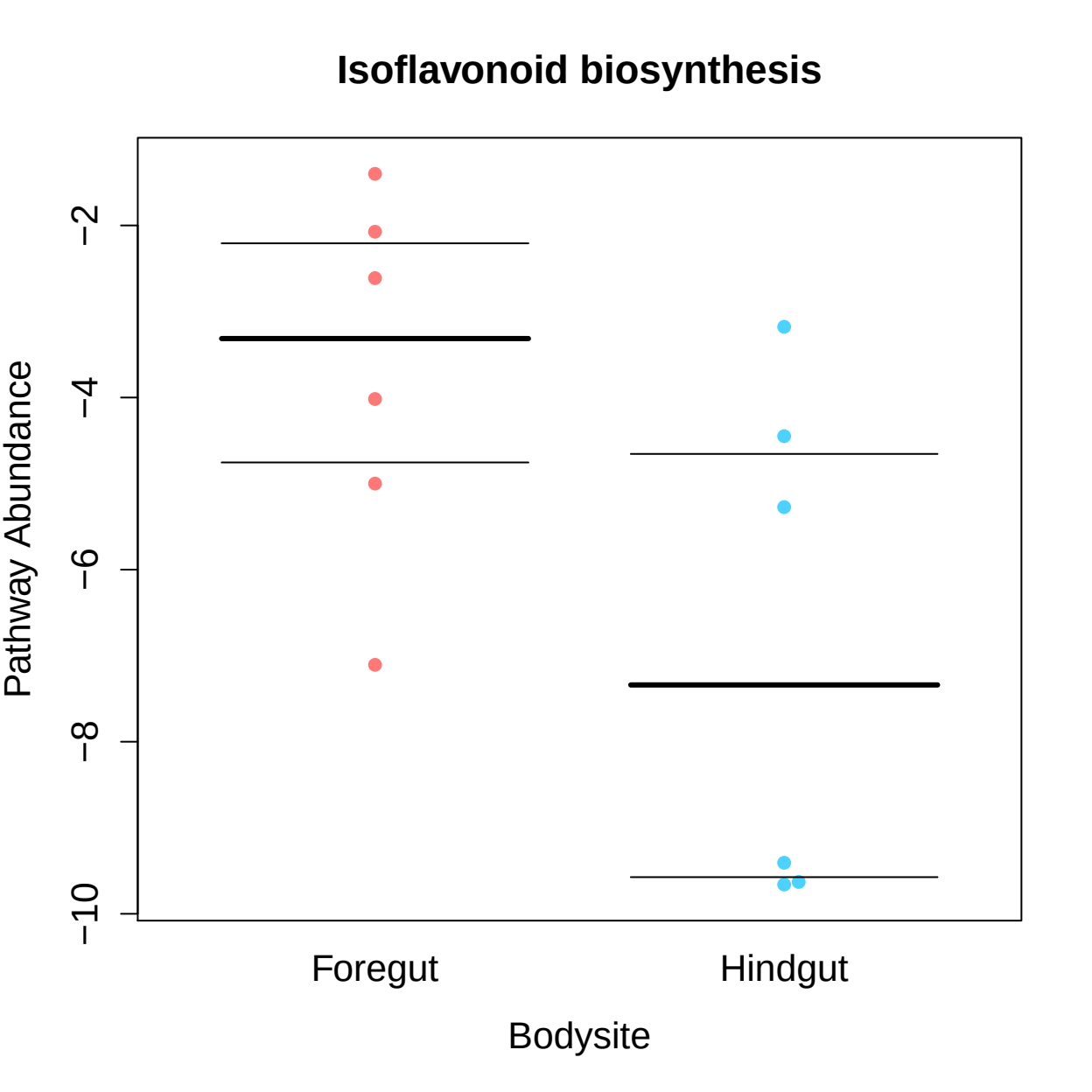

Aminobenzoate degradation
Pathway Abundance
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
Foregut
Hindgut
Bodysite

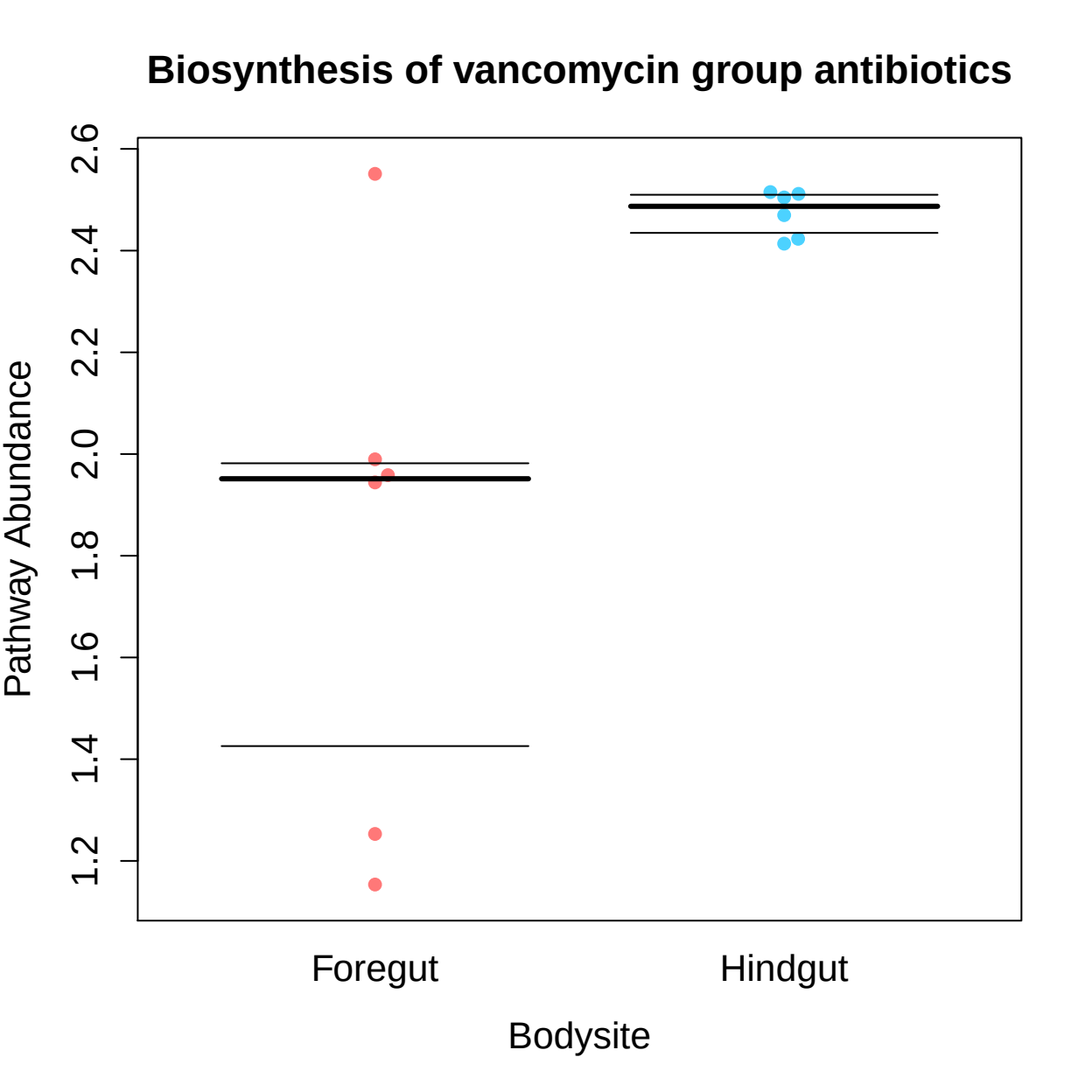

Chlorocyclohexane and chlorobenzene degradation
Pathway Abundance
0.0
0.5
1.0
1.5
2.0
2.5
Foregut
Hindgut
Bodysite

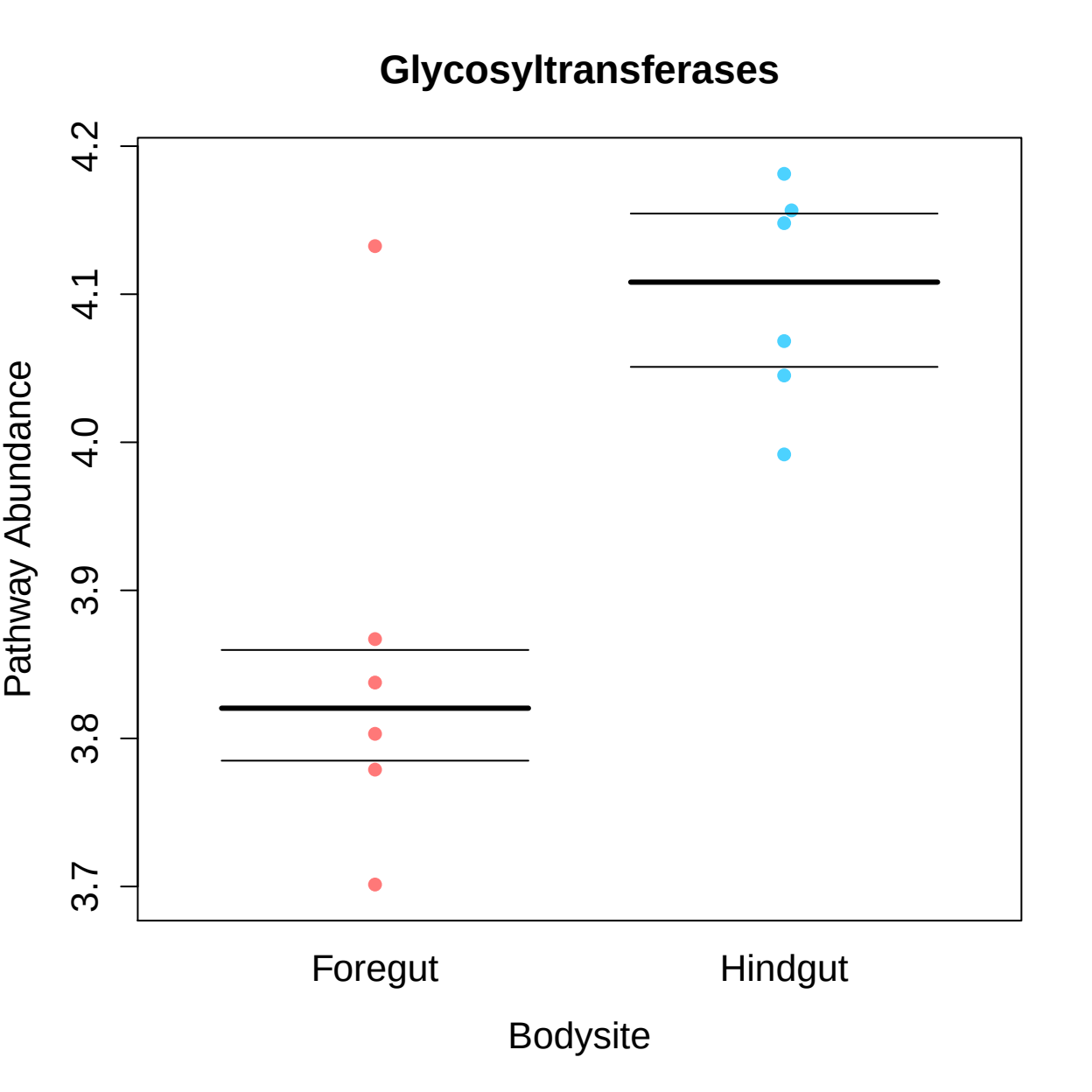

Pertussis
Pathway Abundance
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Foregut
Hindgut
Bodysite

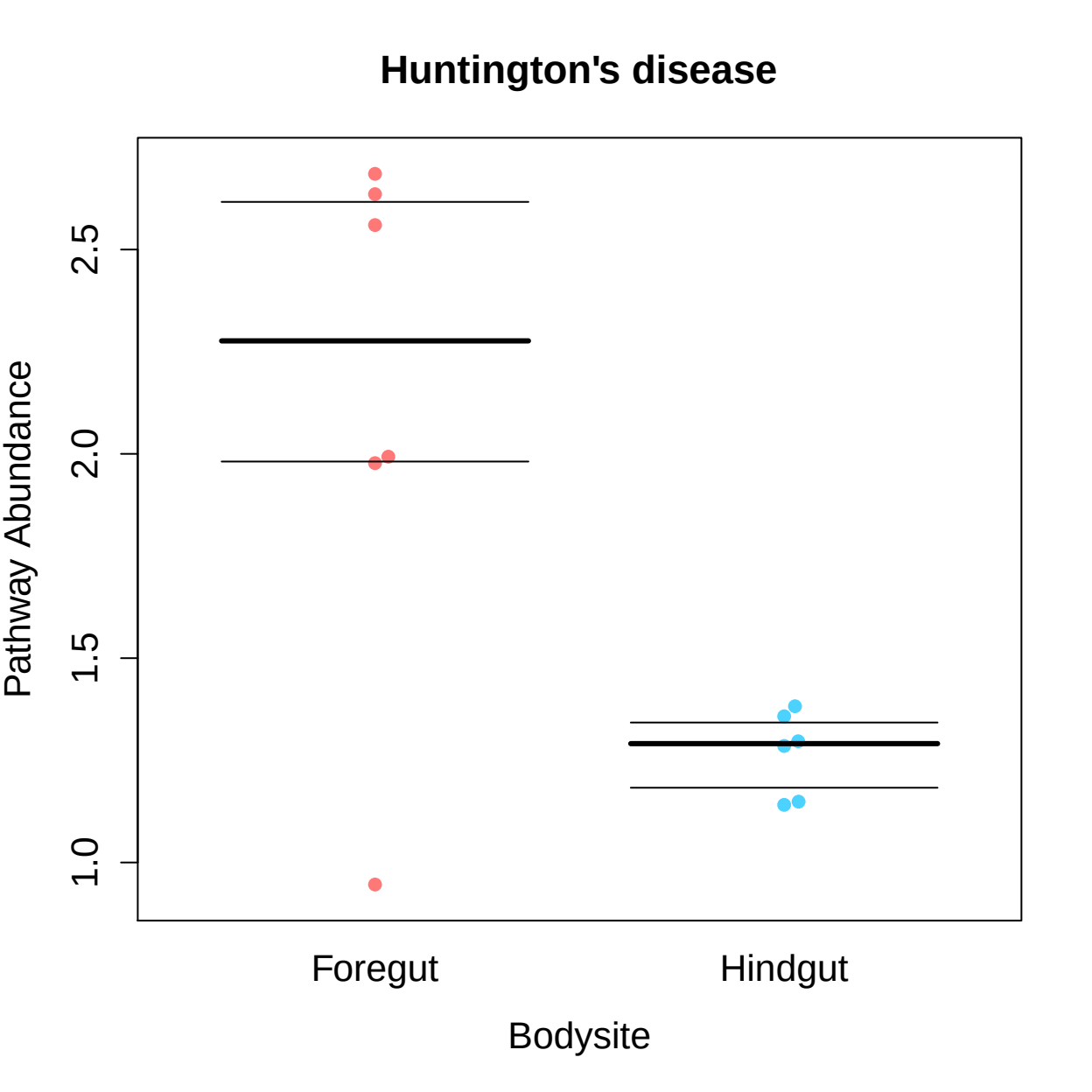

Renal cell carcinoma
Pathway Abundance
1.5
1.0
0.5
0.0
−0.5
−1.0
Foregut
Hindgut
Bodysite


Chagas disease (American trypanosomiasis)
Pathway Abundance
0
−2
−4
−6
Foregut
Hindgut
Bodysite


Isoflavonoid biosynthesis
Pathway Abundance
−2
−4
−6
−8
−10
Foregut
Hindgut
Bodysite


Biosynthesis of vancomycin group antibiotics
Pathway Abundance
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
Foregut
Hindgut
Bodysite


Glycosyltransferases
Pathway Abundance
4.2
4.1
4.0
3.9
3.8
3.7
Foregut
Hindgut
Bodysite


Huntington's disease
Pathway Abundance
1.0
1.5
2.0
2.5
Foregut
Hindgut
Bodysite