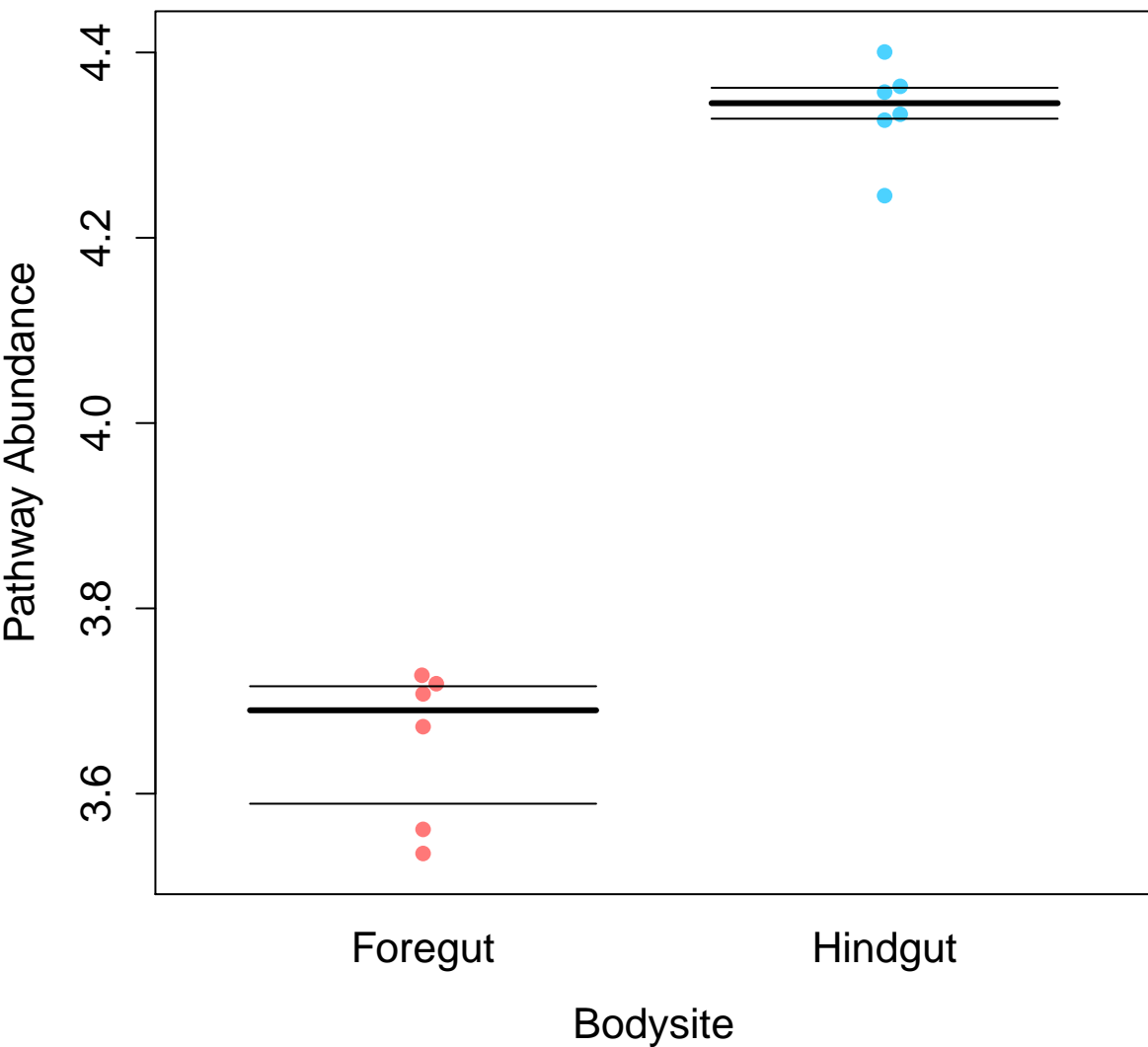
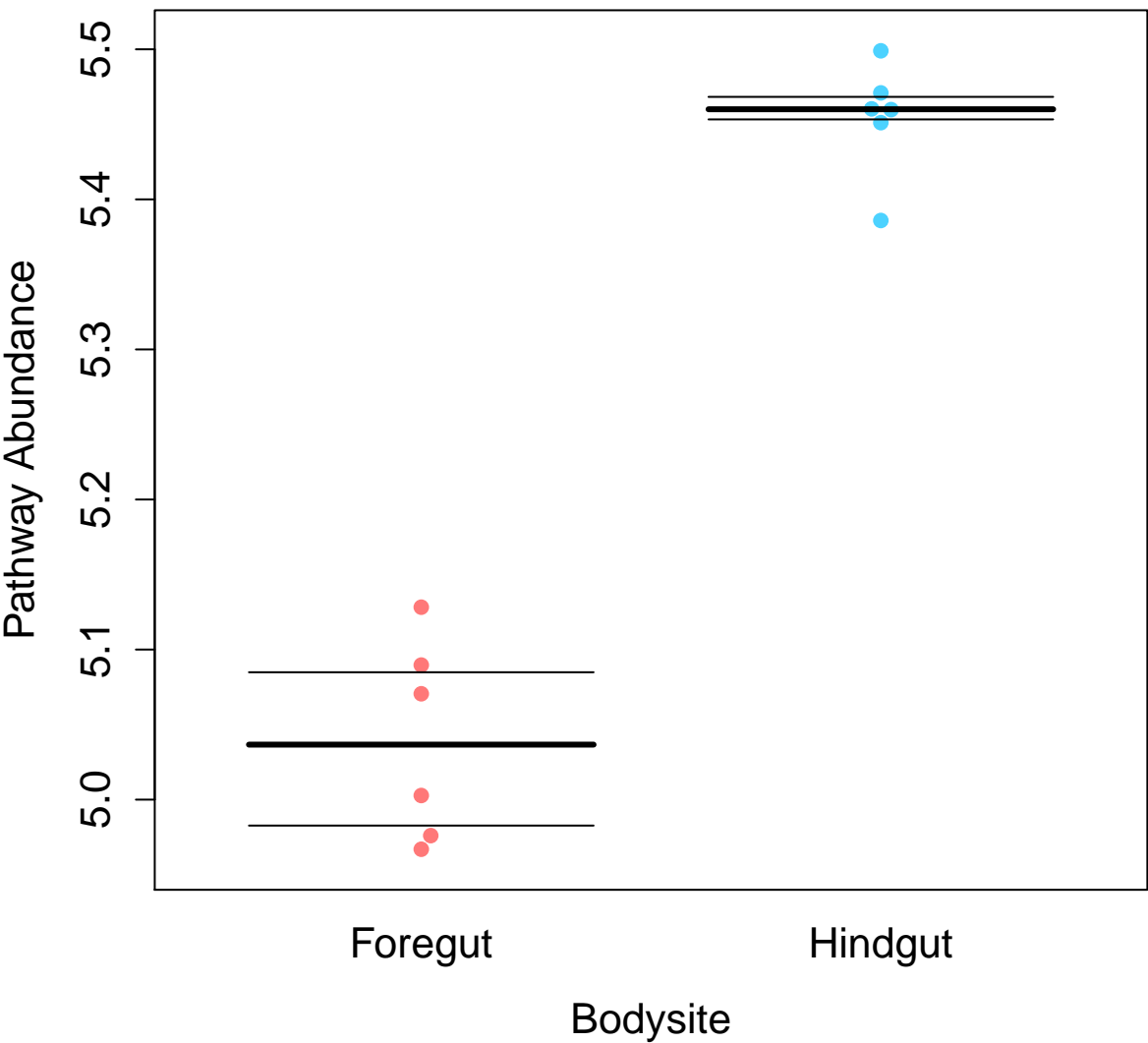


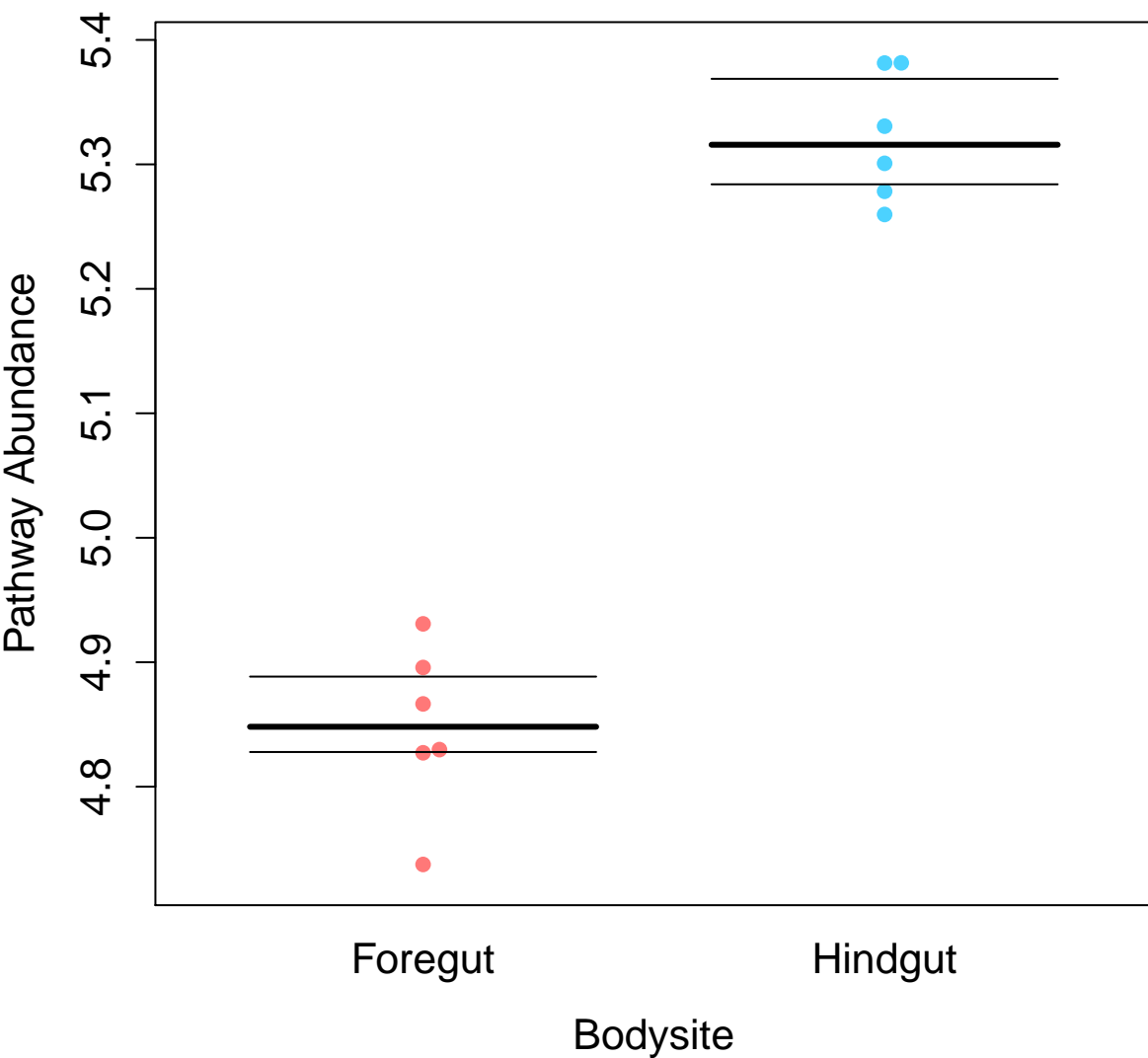
C5-Branched dibasic acid metabolism



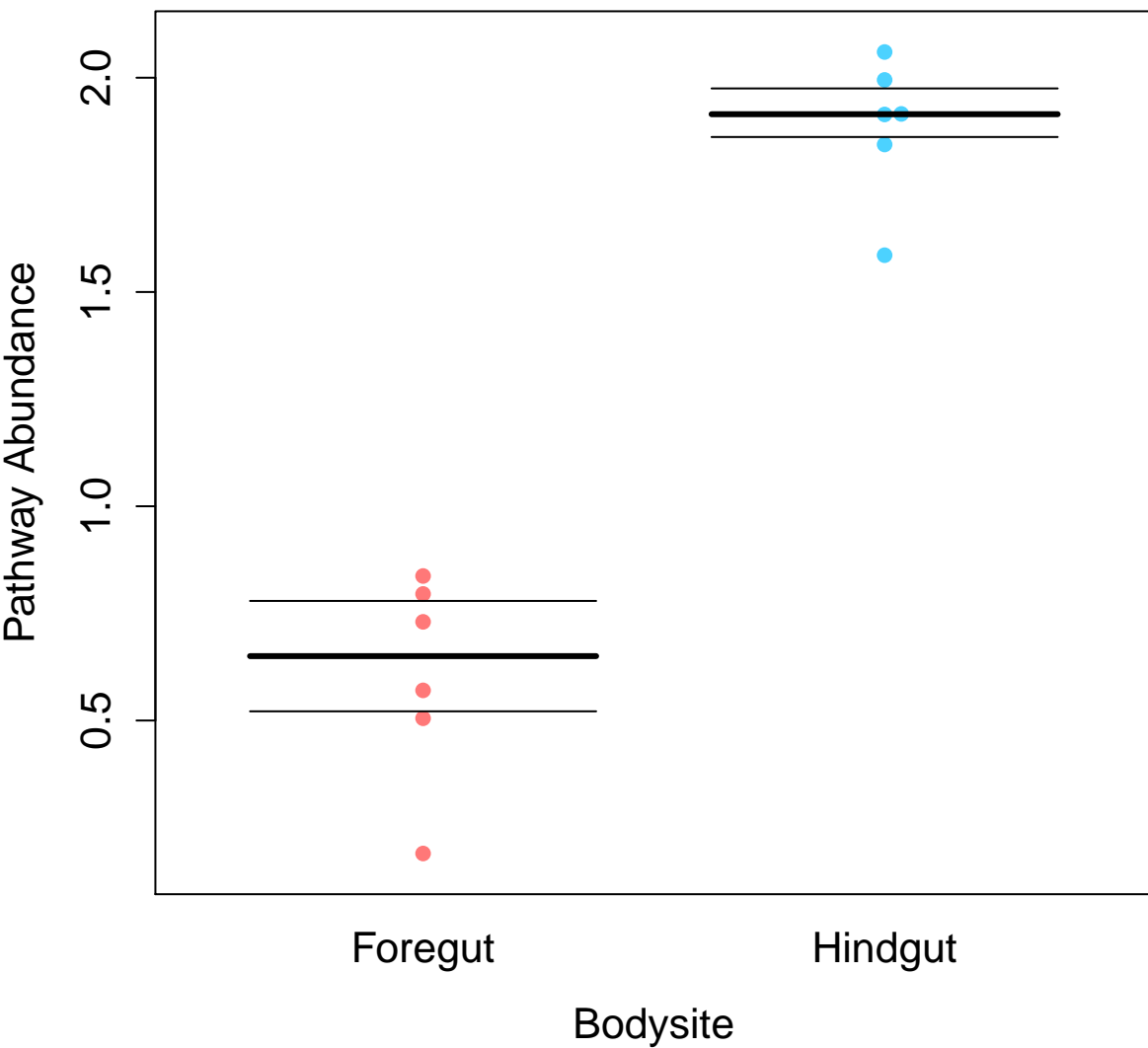
Oxidative phosphorylation



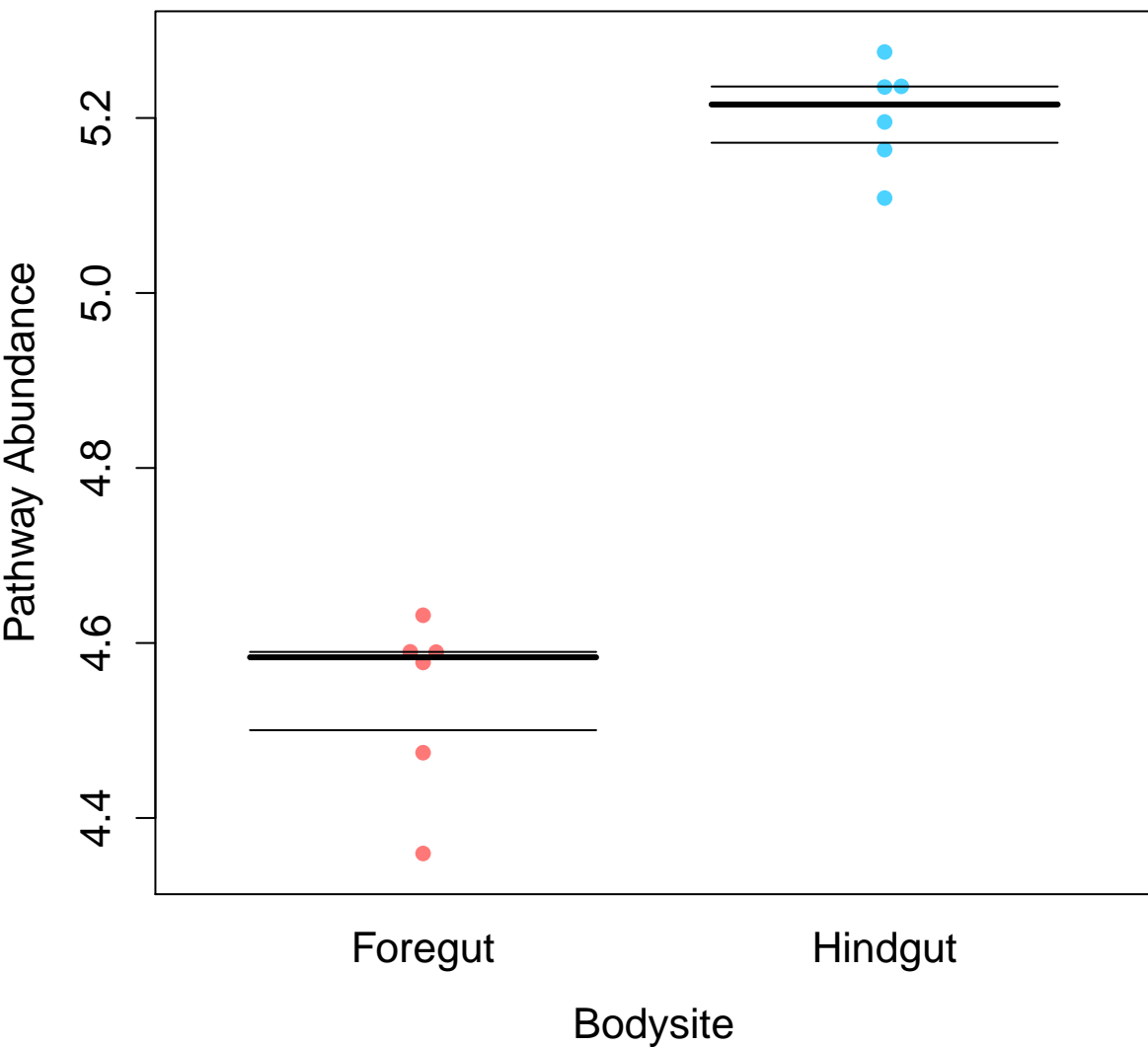
Energy metabolism



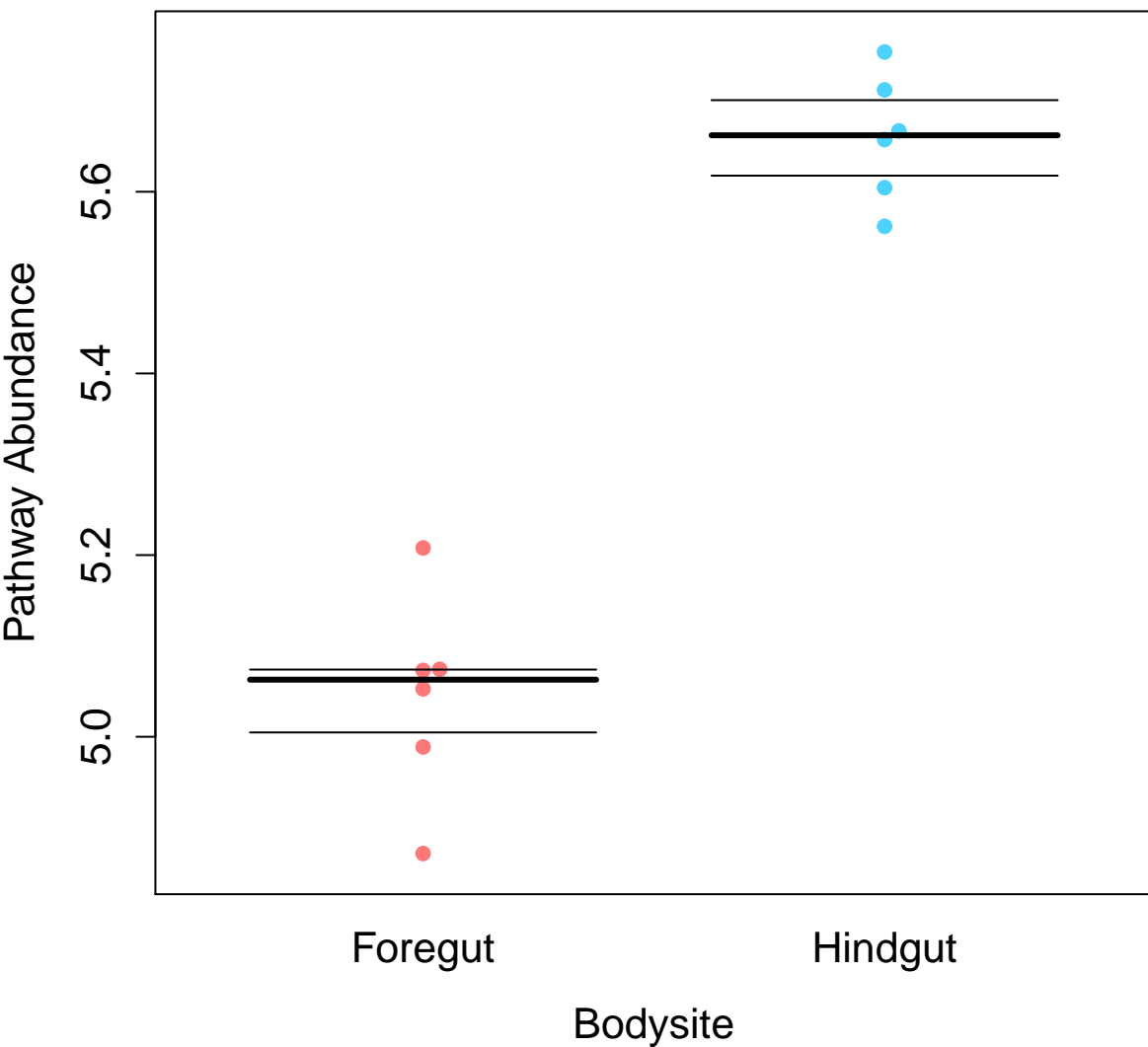
Secondary bile acid biosynthesis



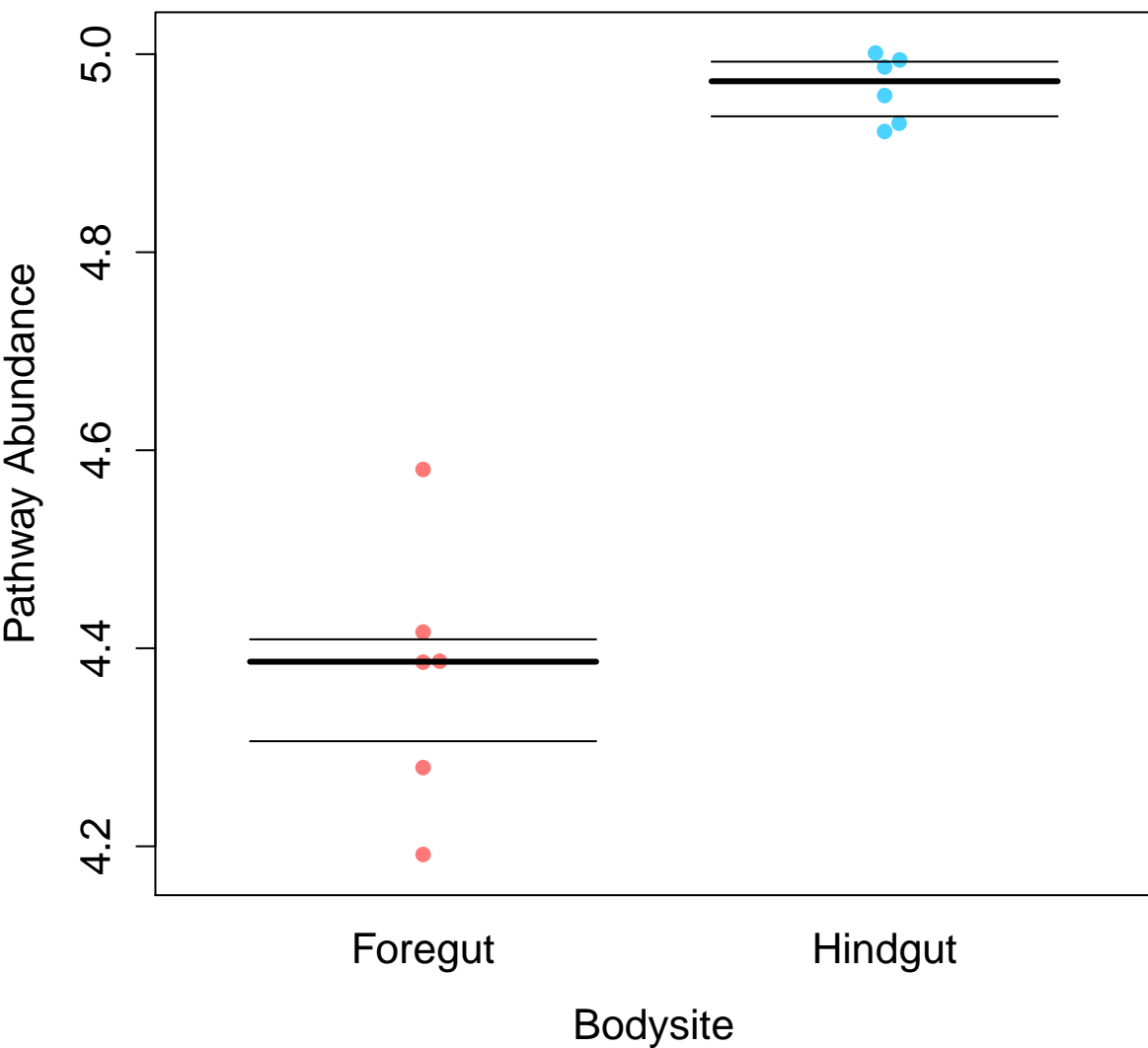
Valine, leucine and isoleucine biosynthesis



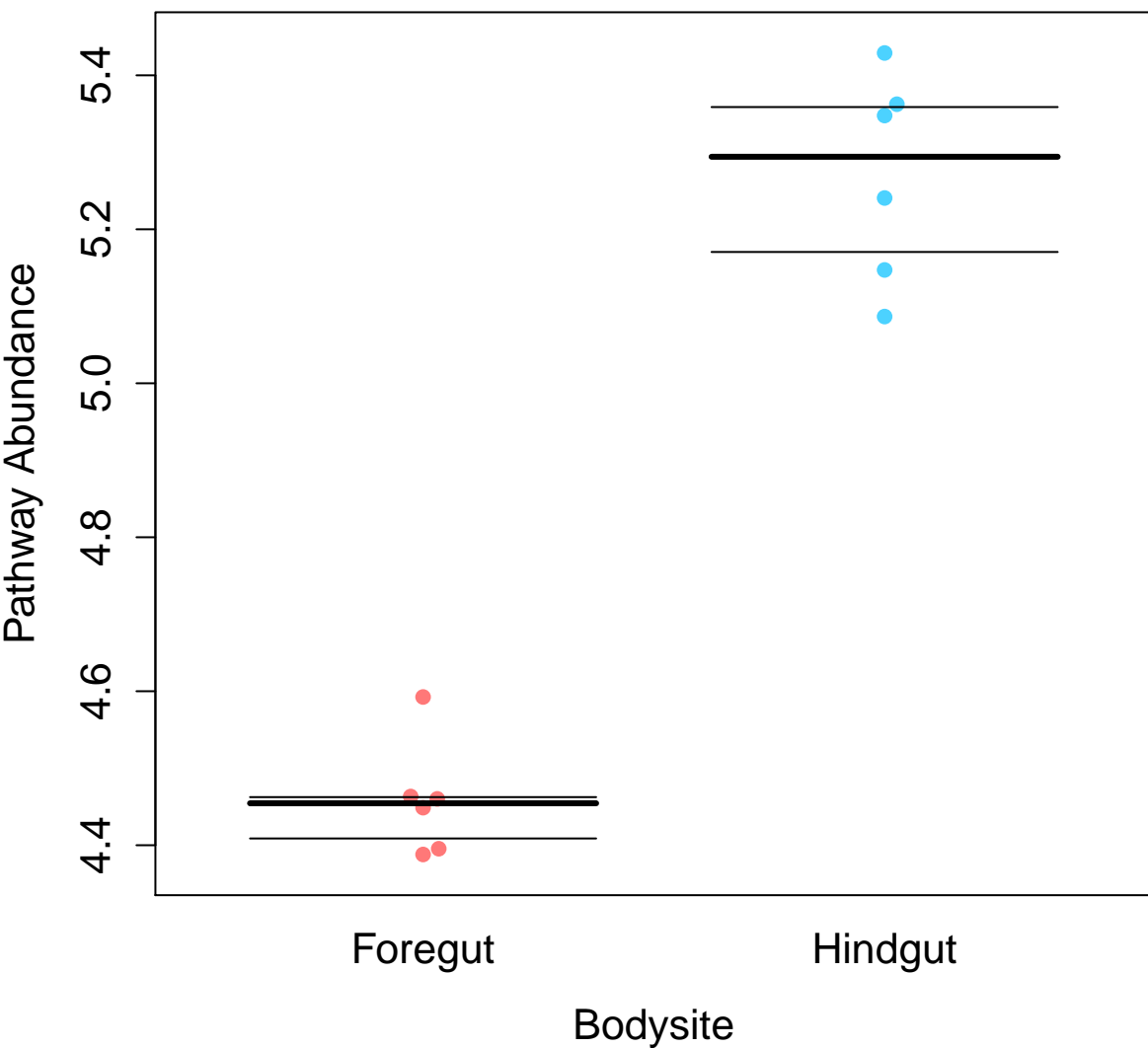
Arginine and proline metabolism



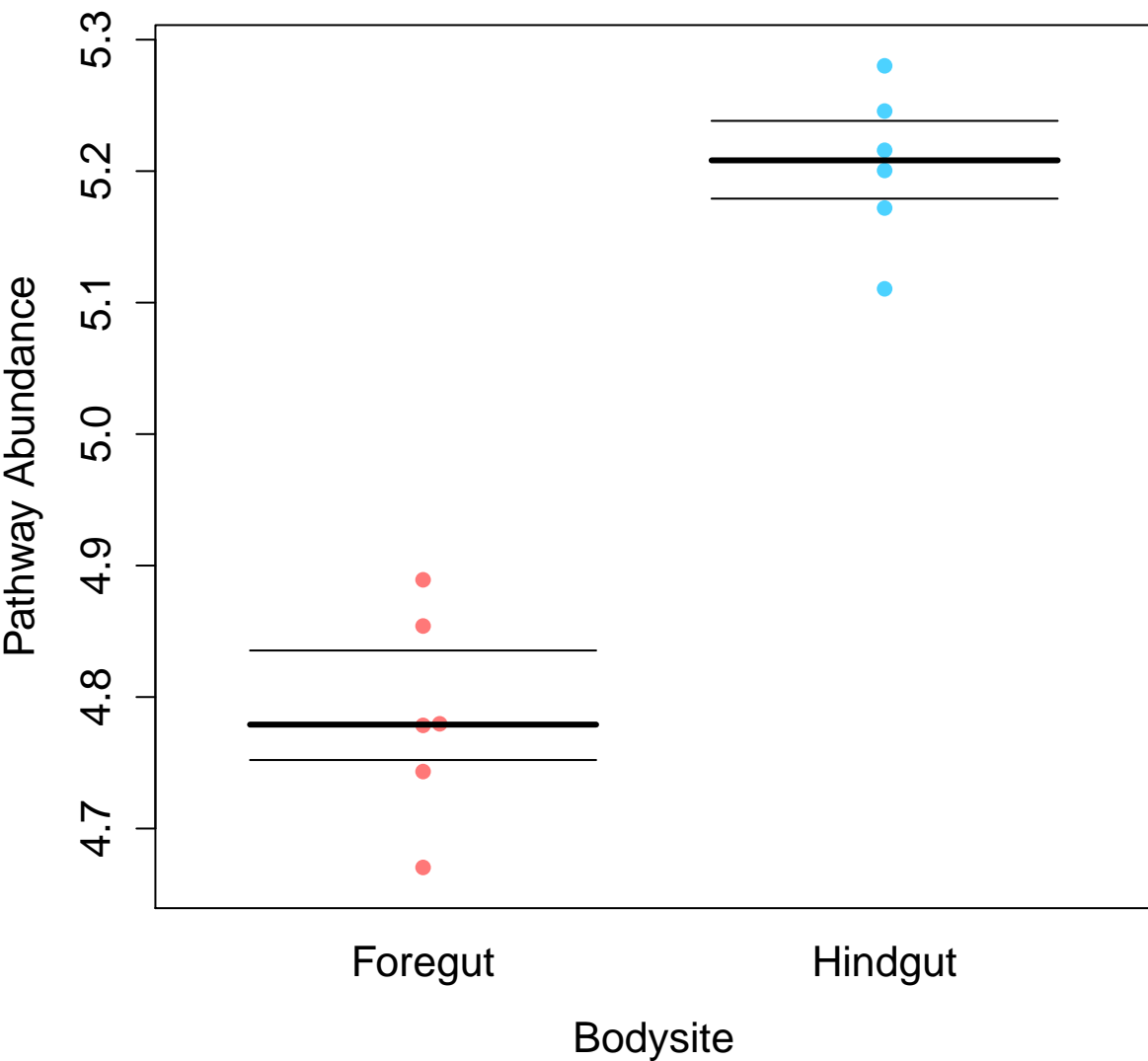
Pantothenate and CoA biosynthesis



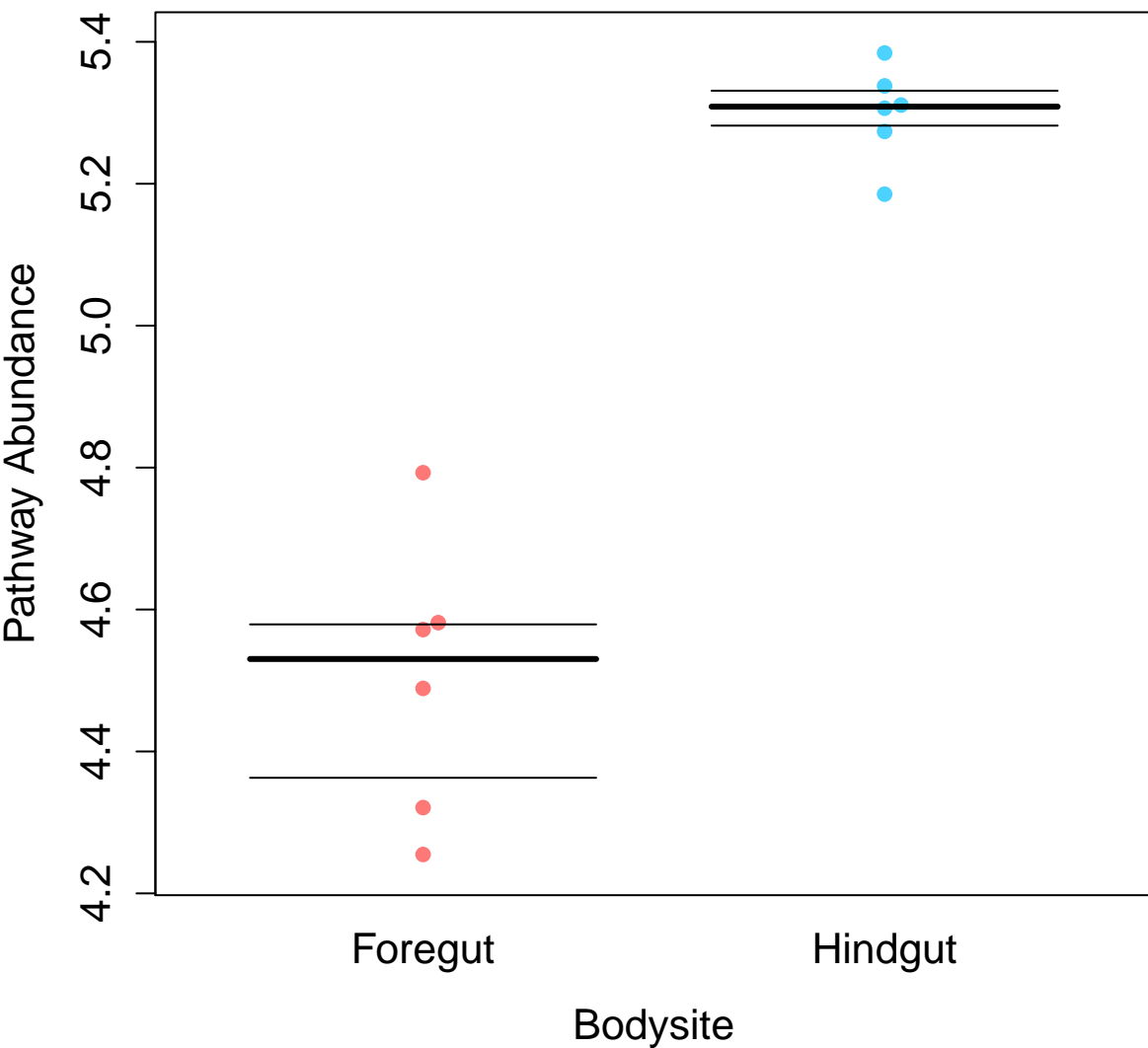
Porphyryn and chlorophyll metabolism



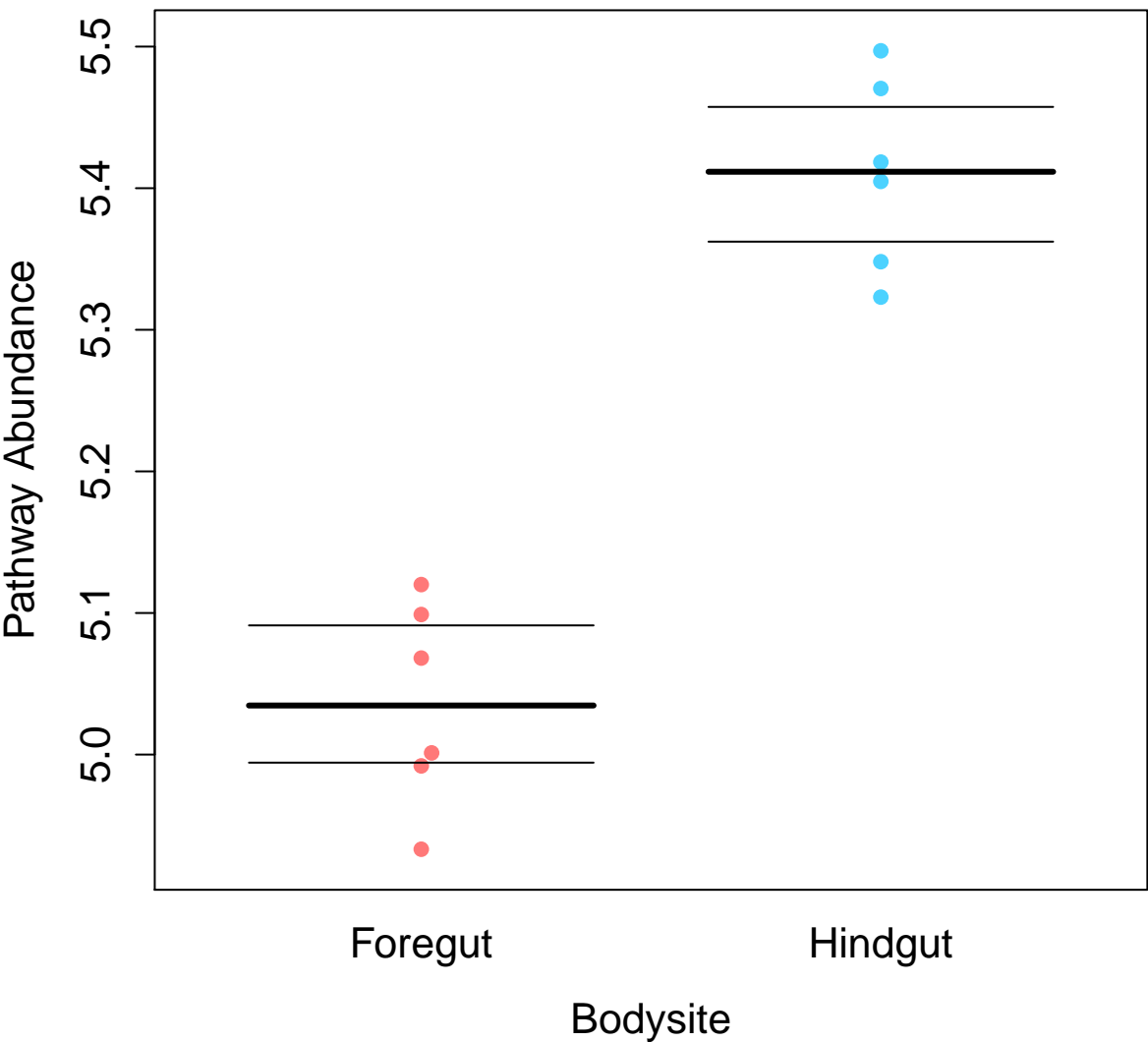
Glycine, serine and threonine metabolism



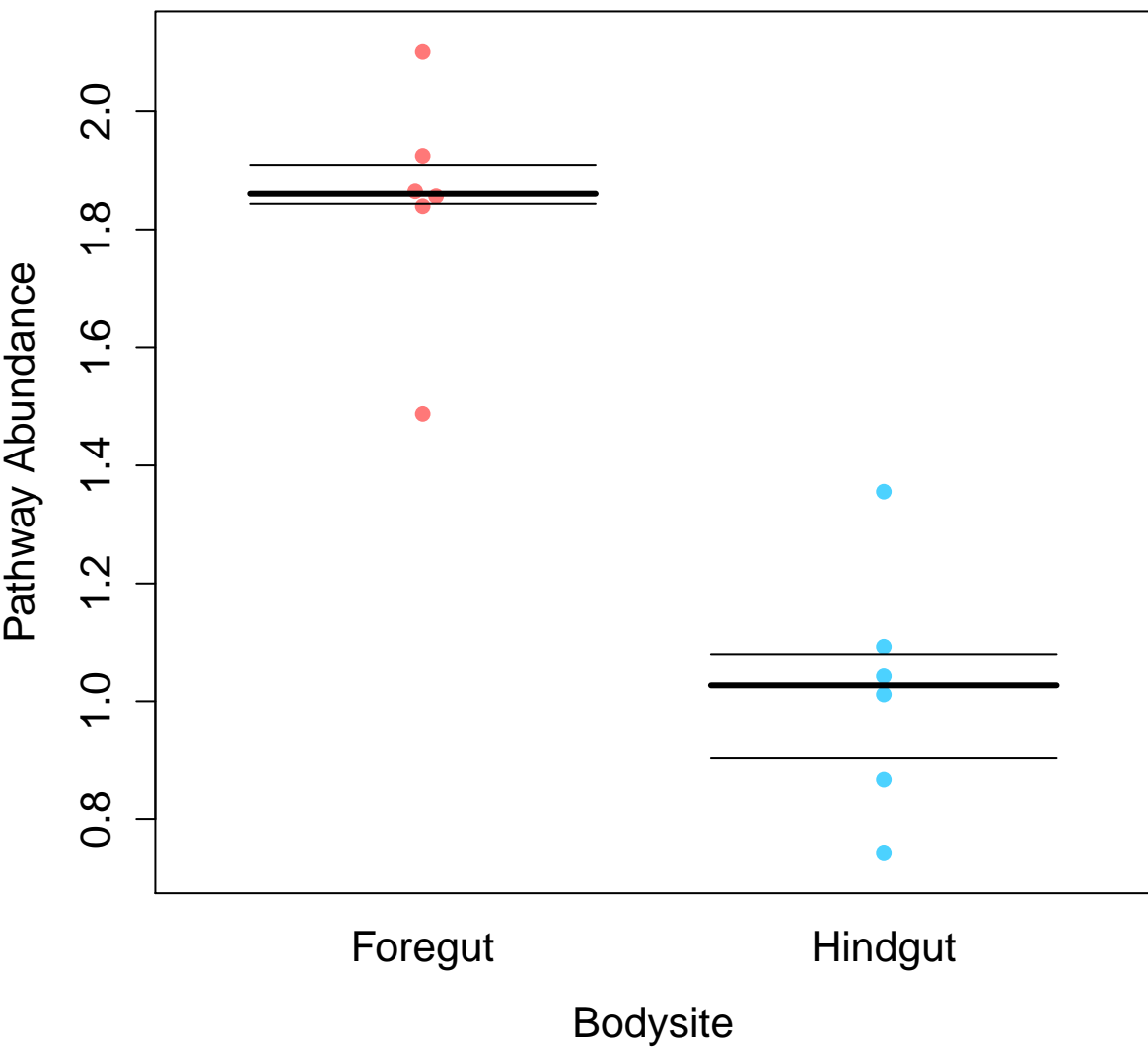
Lysine biosynthesis



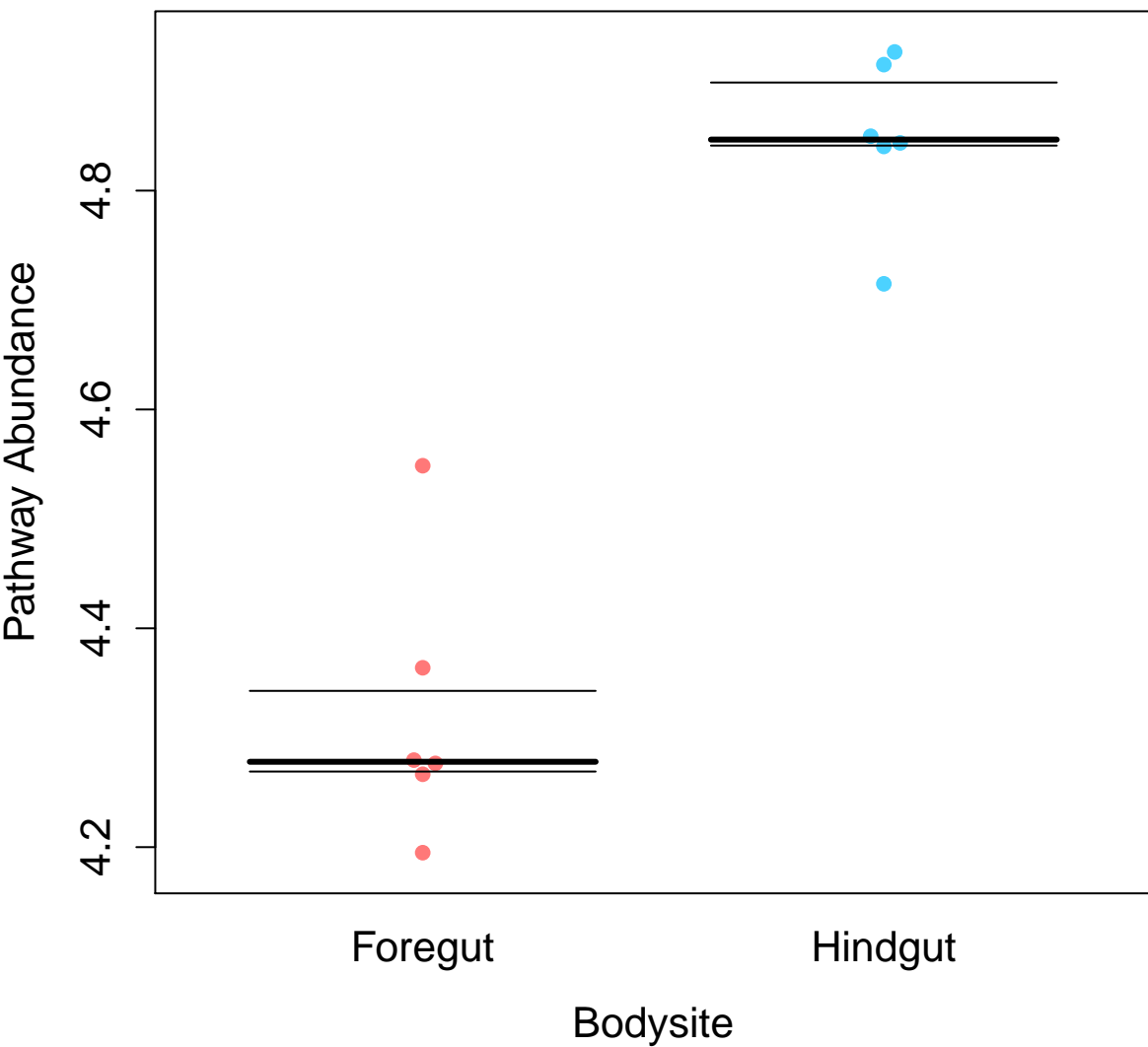
Carbon fixation pathways in prokaryotes



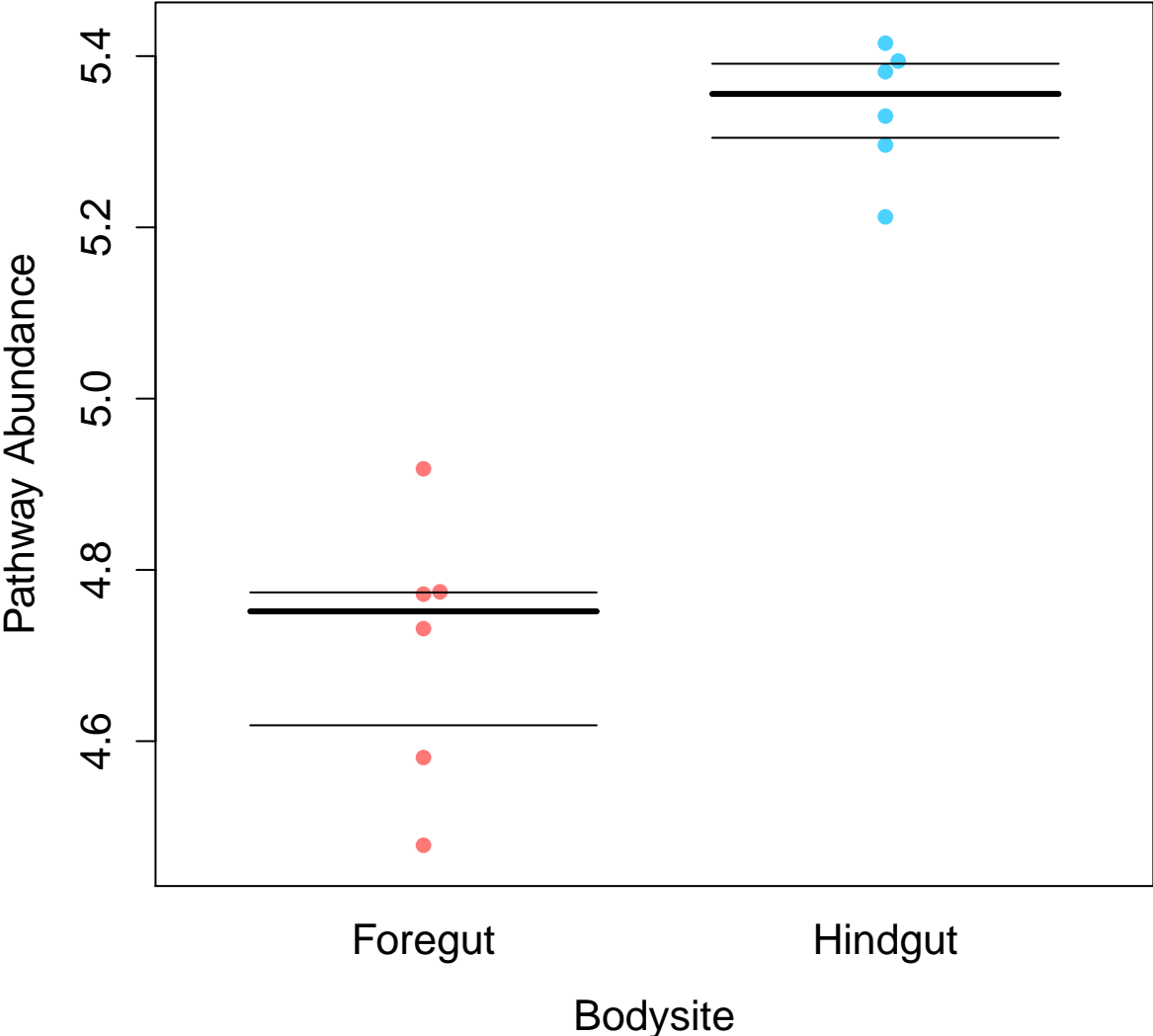
Cellular antigens



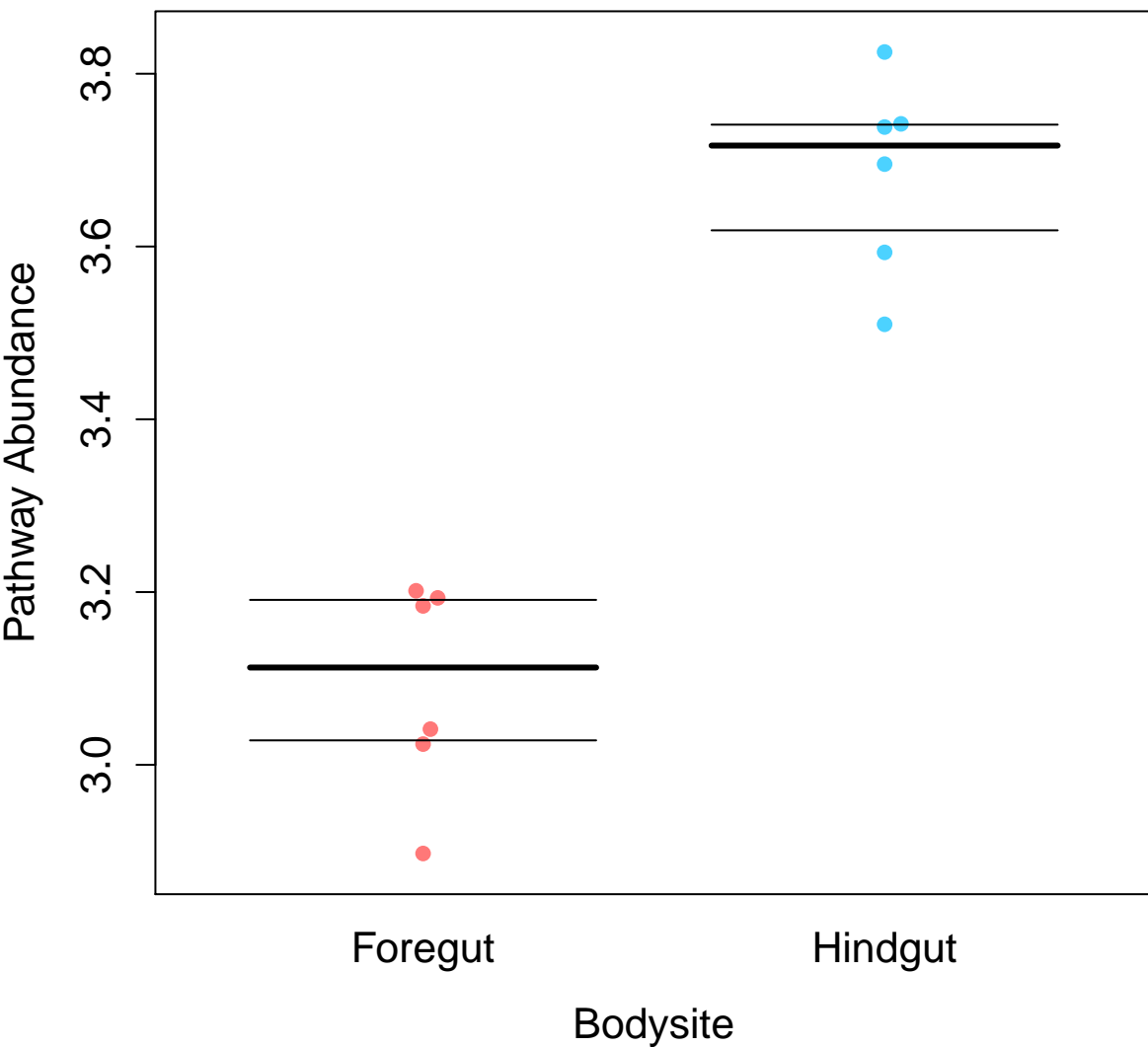
Glycerophospholipid metabolism



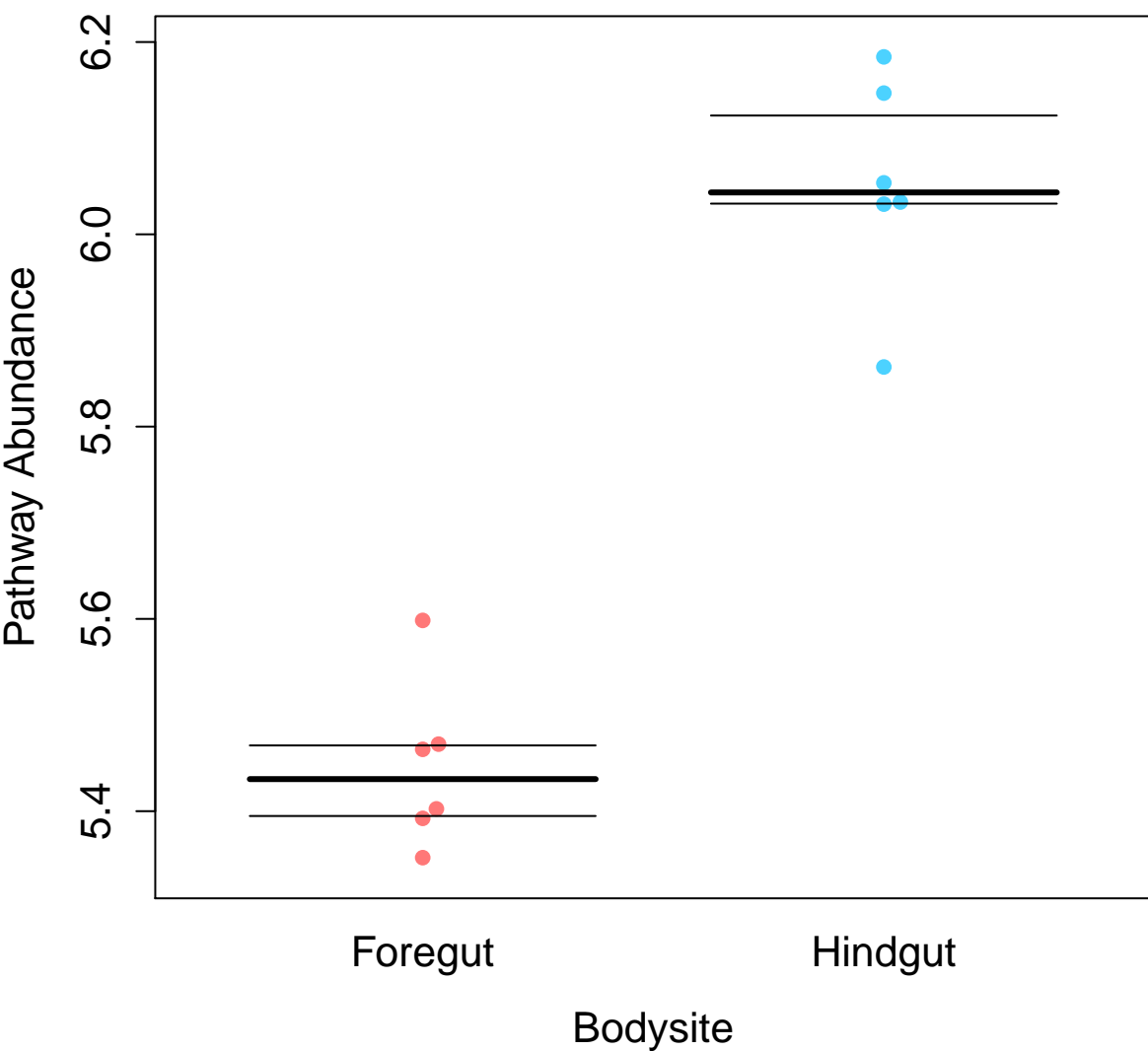
Phenylalanine, tyrosine and tryptophan biosynthesis



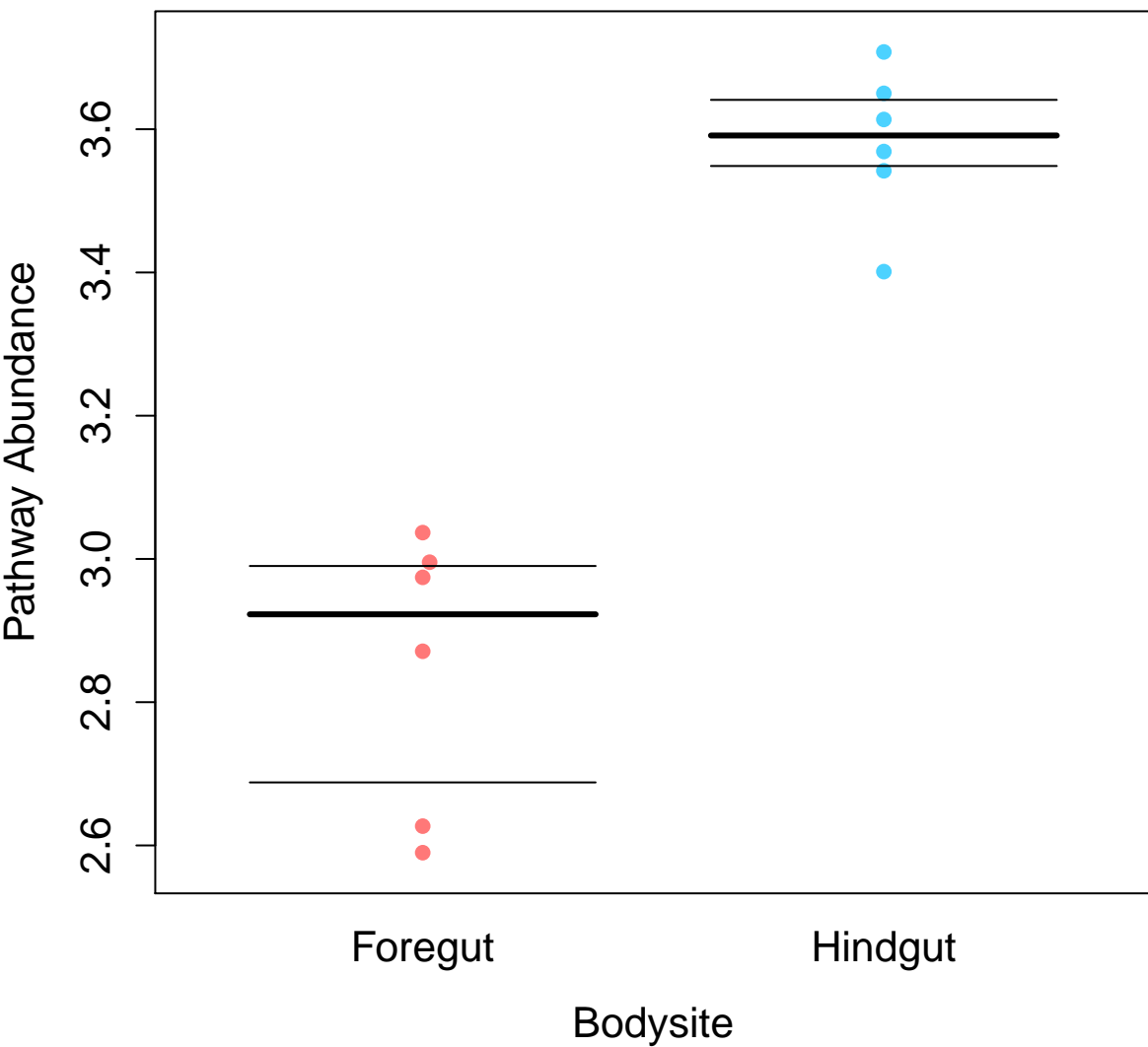
Tetracycline biosynthesis



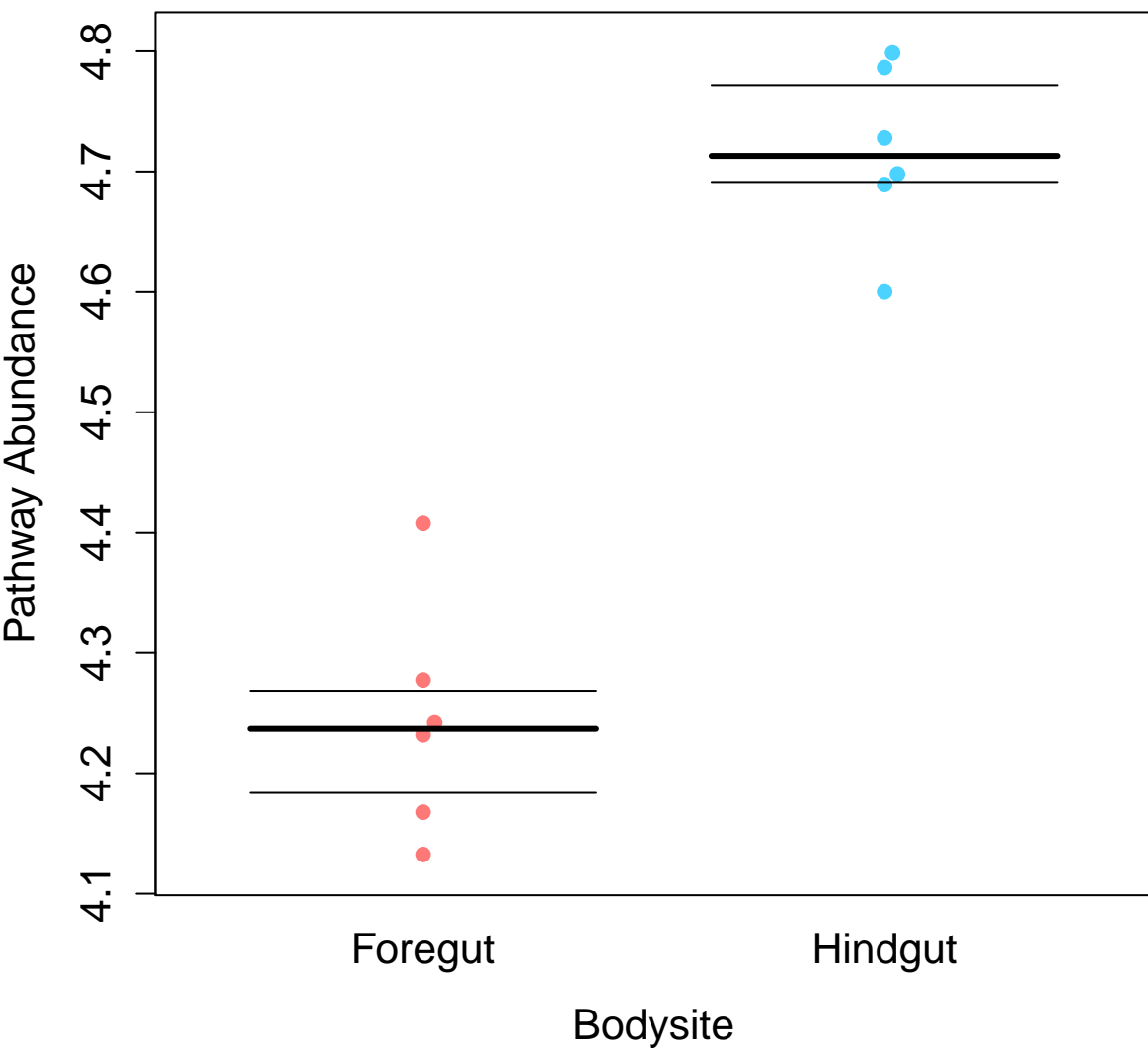
Transcription factors



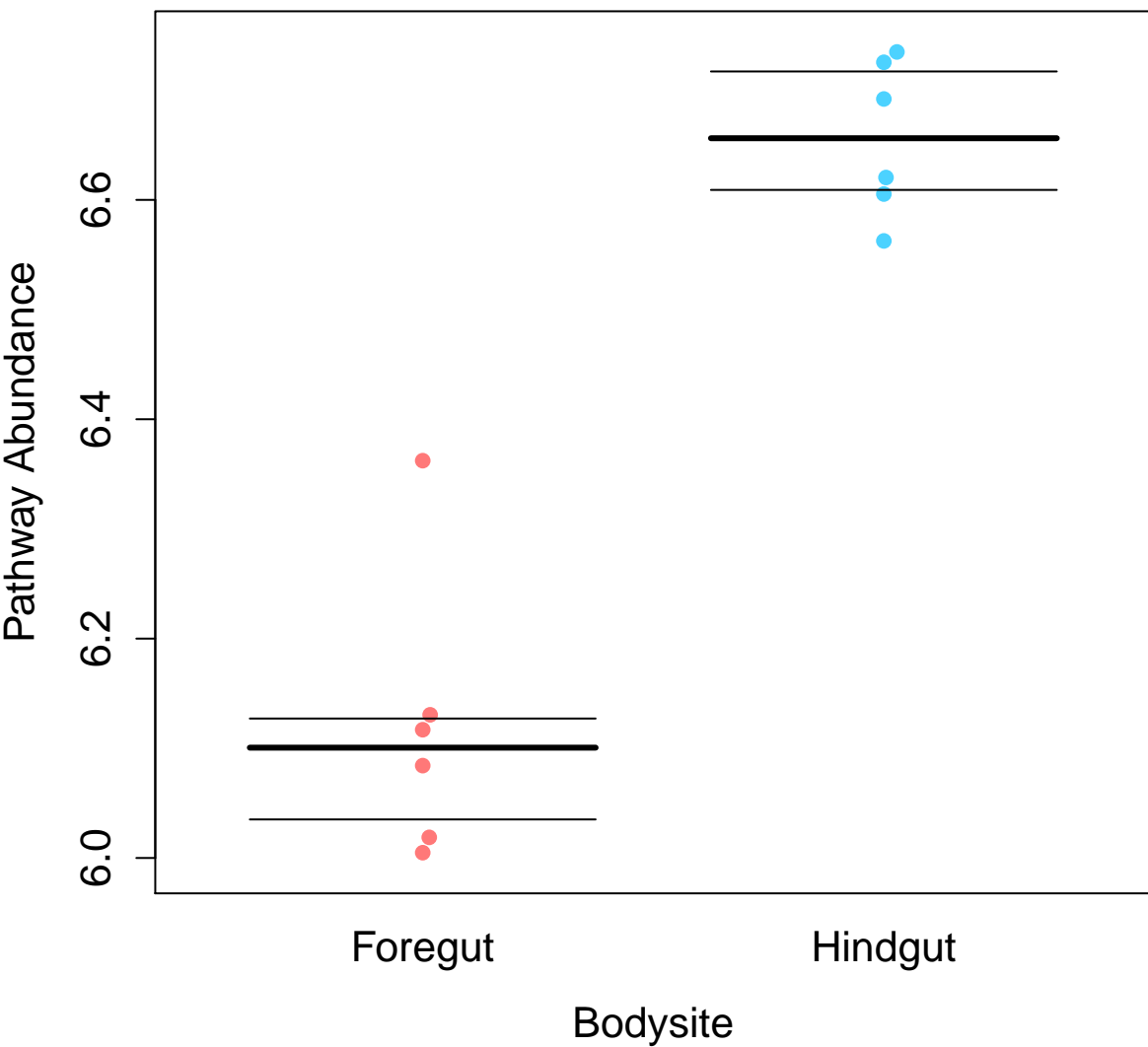
RNA transport



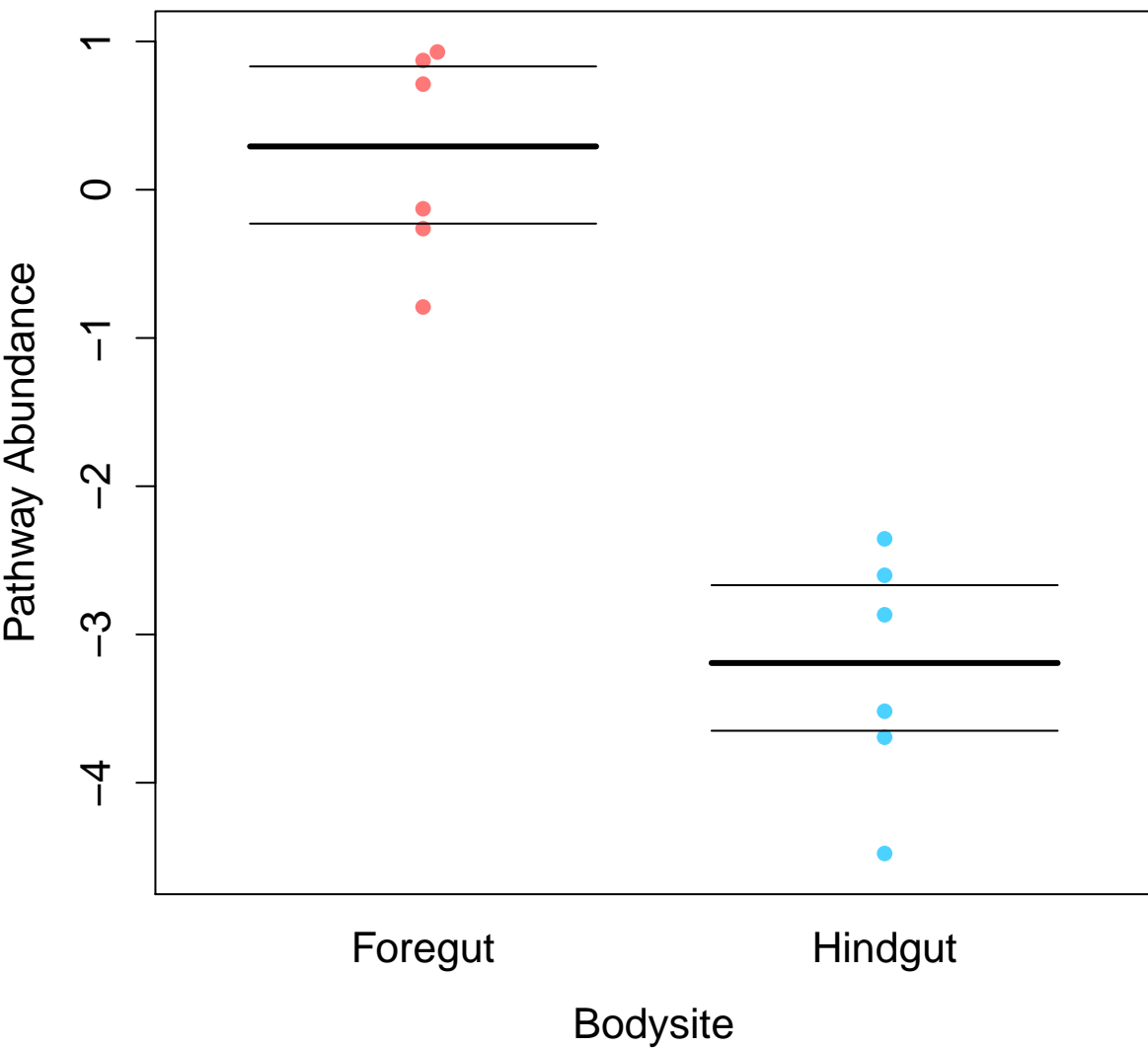
Signal transduction mechanisms



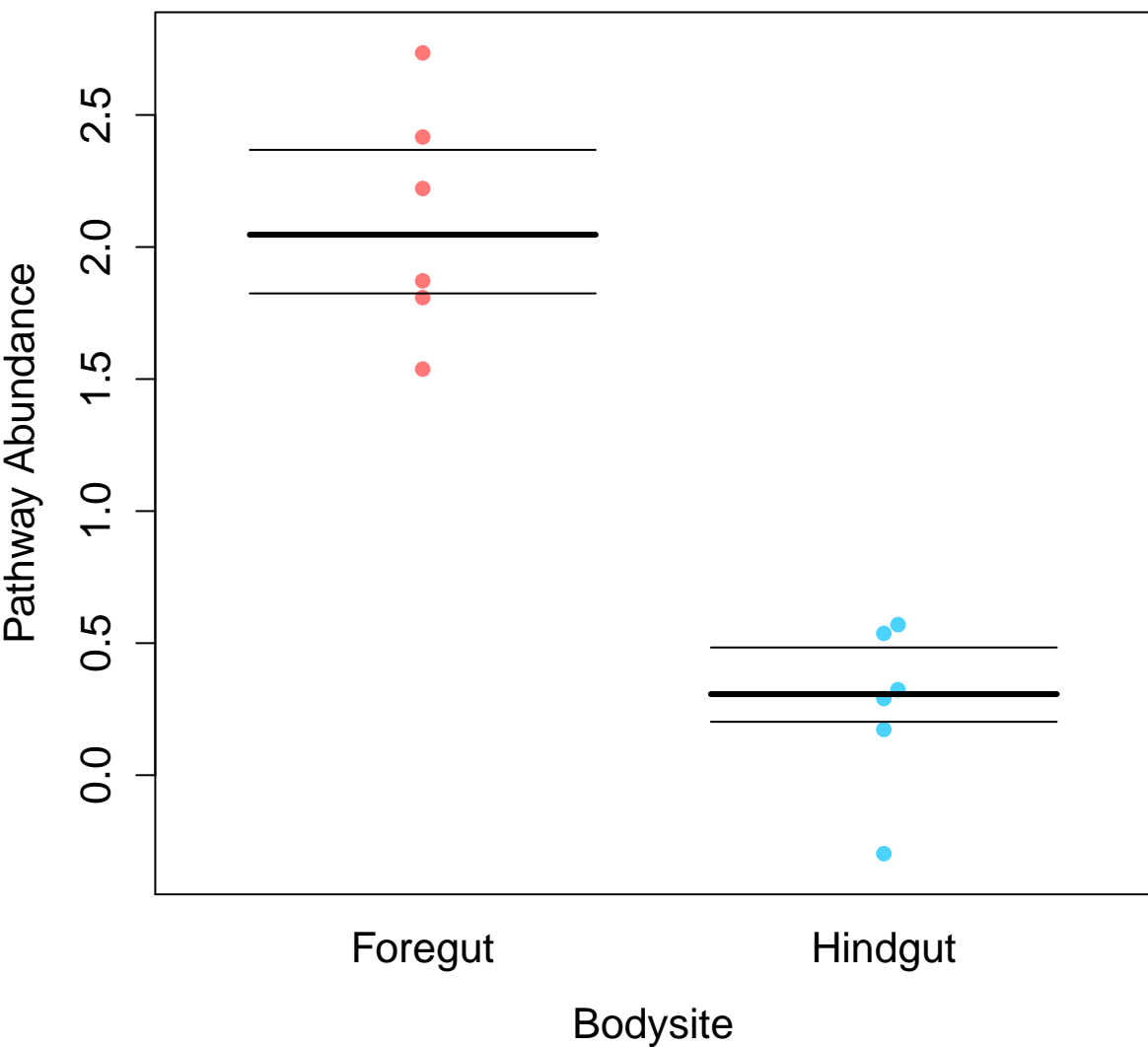
ABC transporters



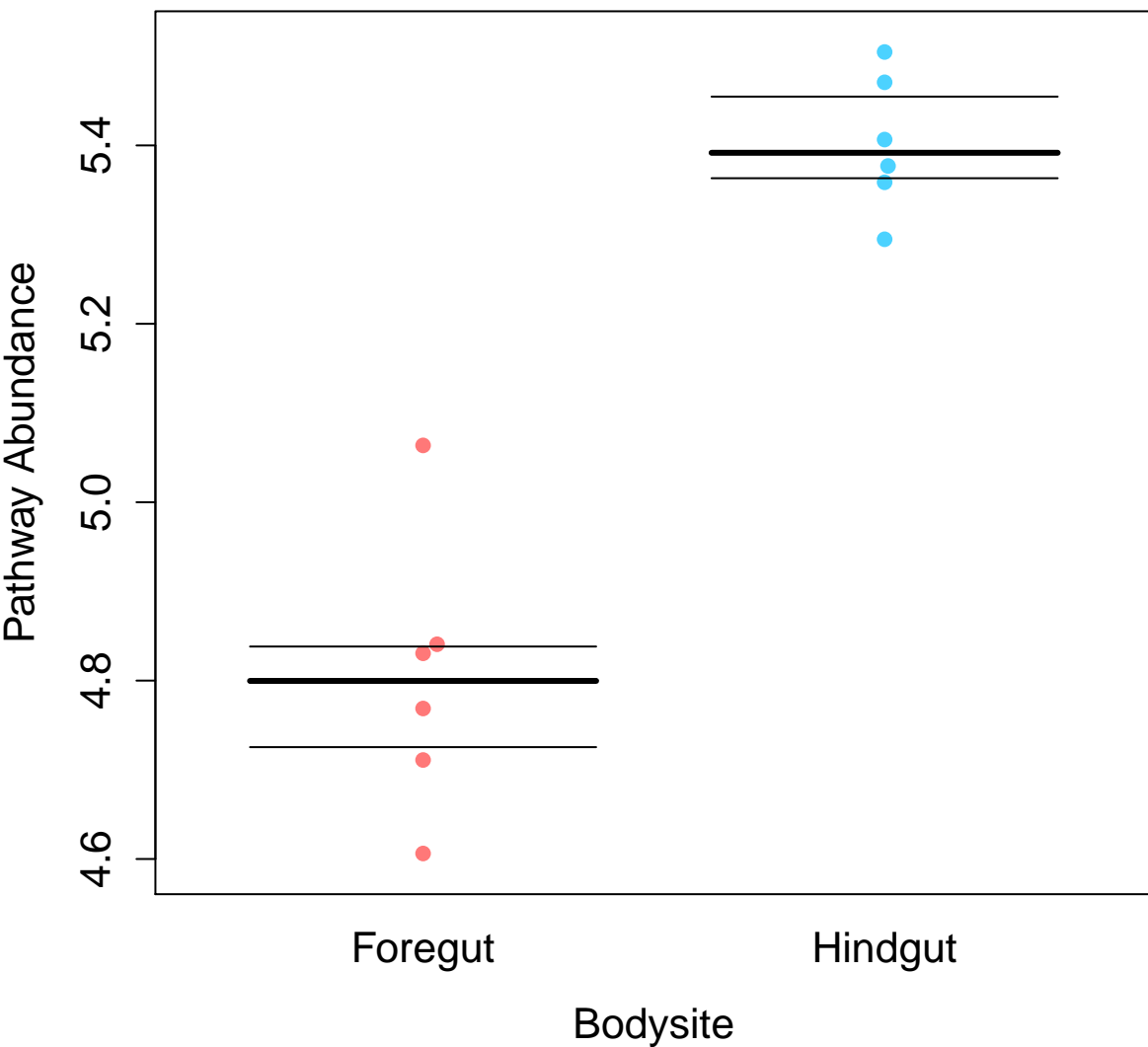
Apoptosis



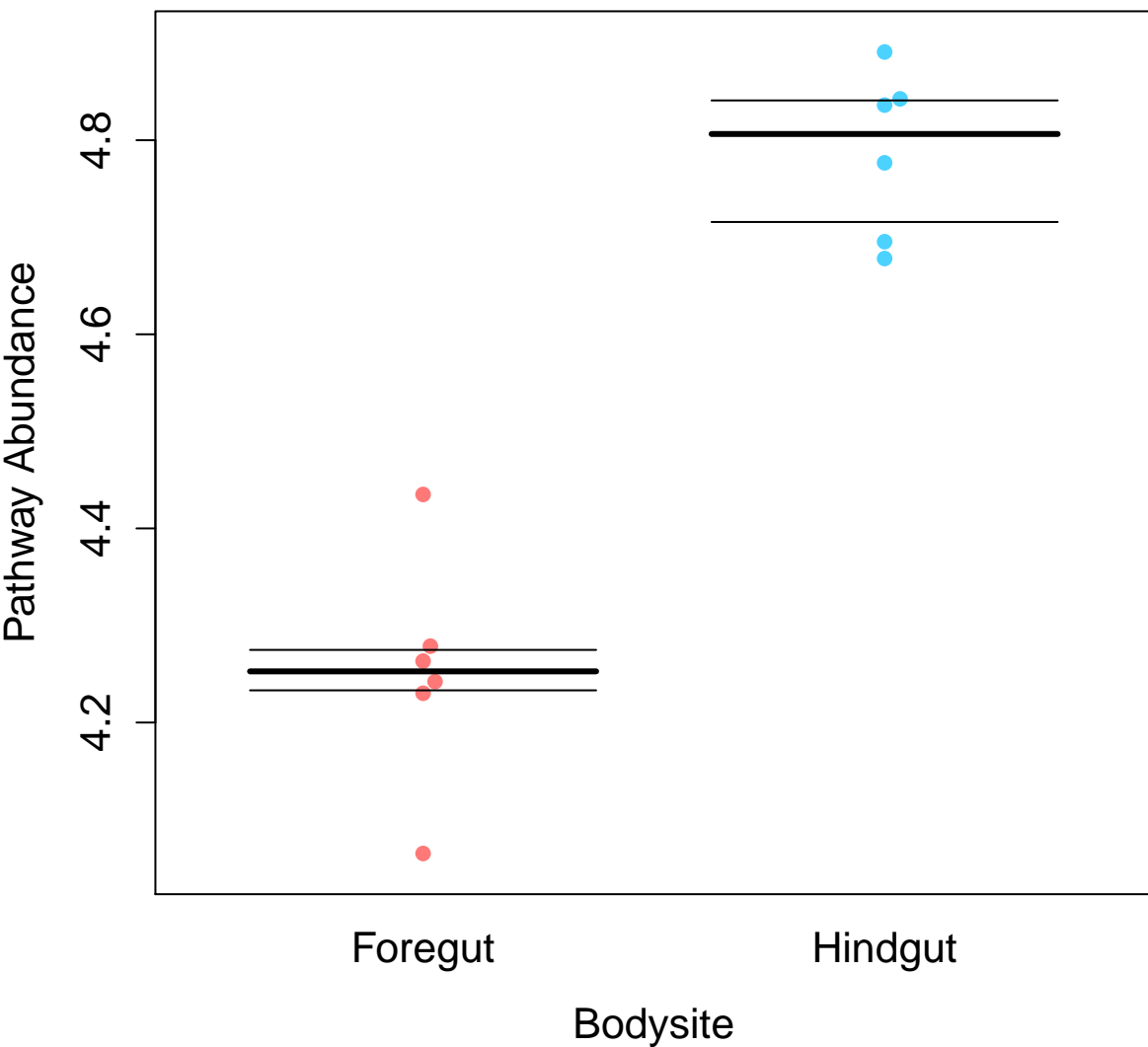
Biosynthesis of siderophore group nonribosomal peptide



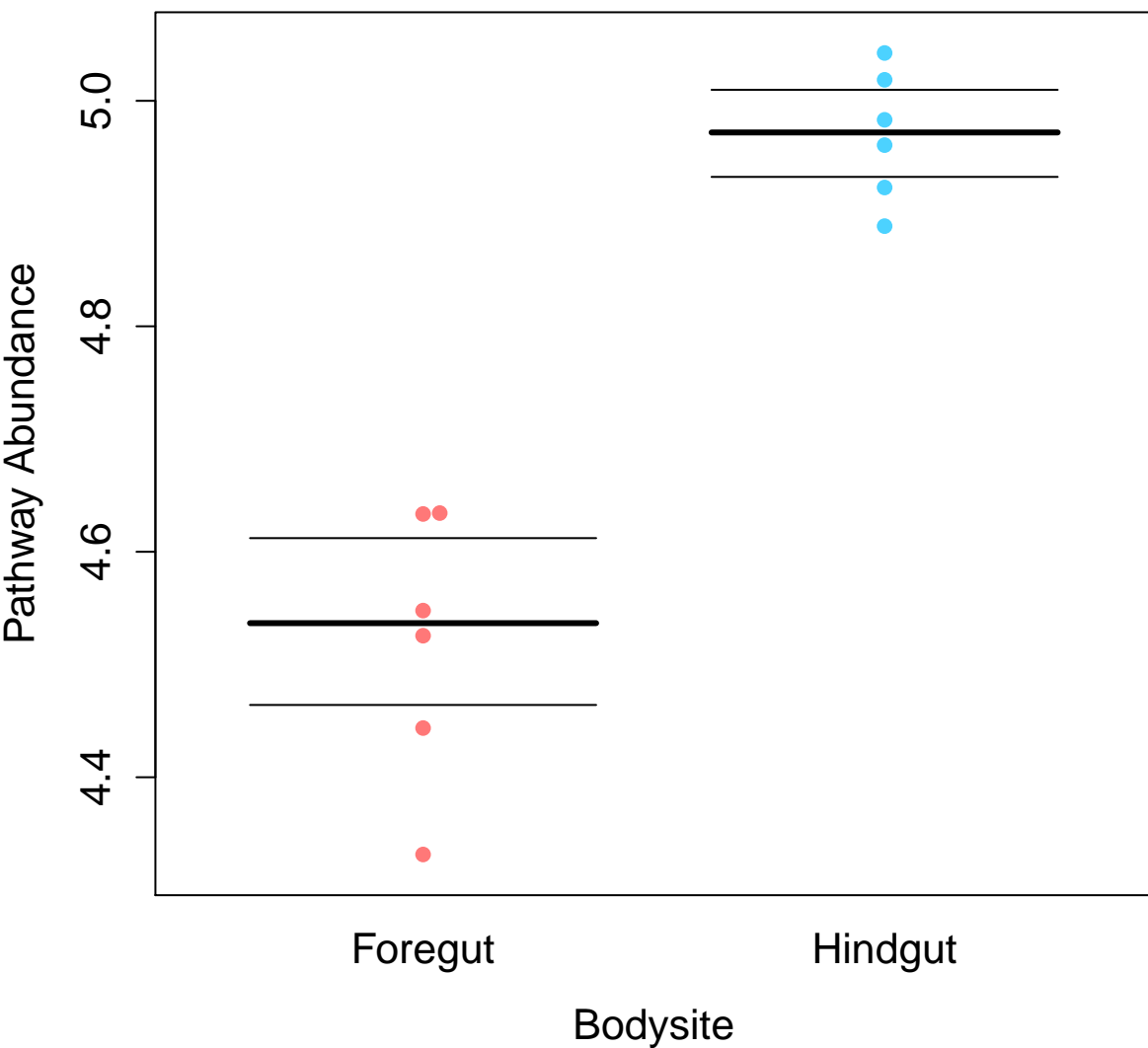
Cysteine and methionine metabolism



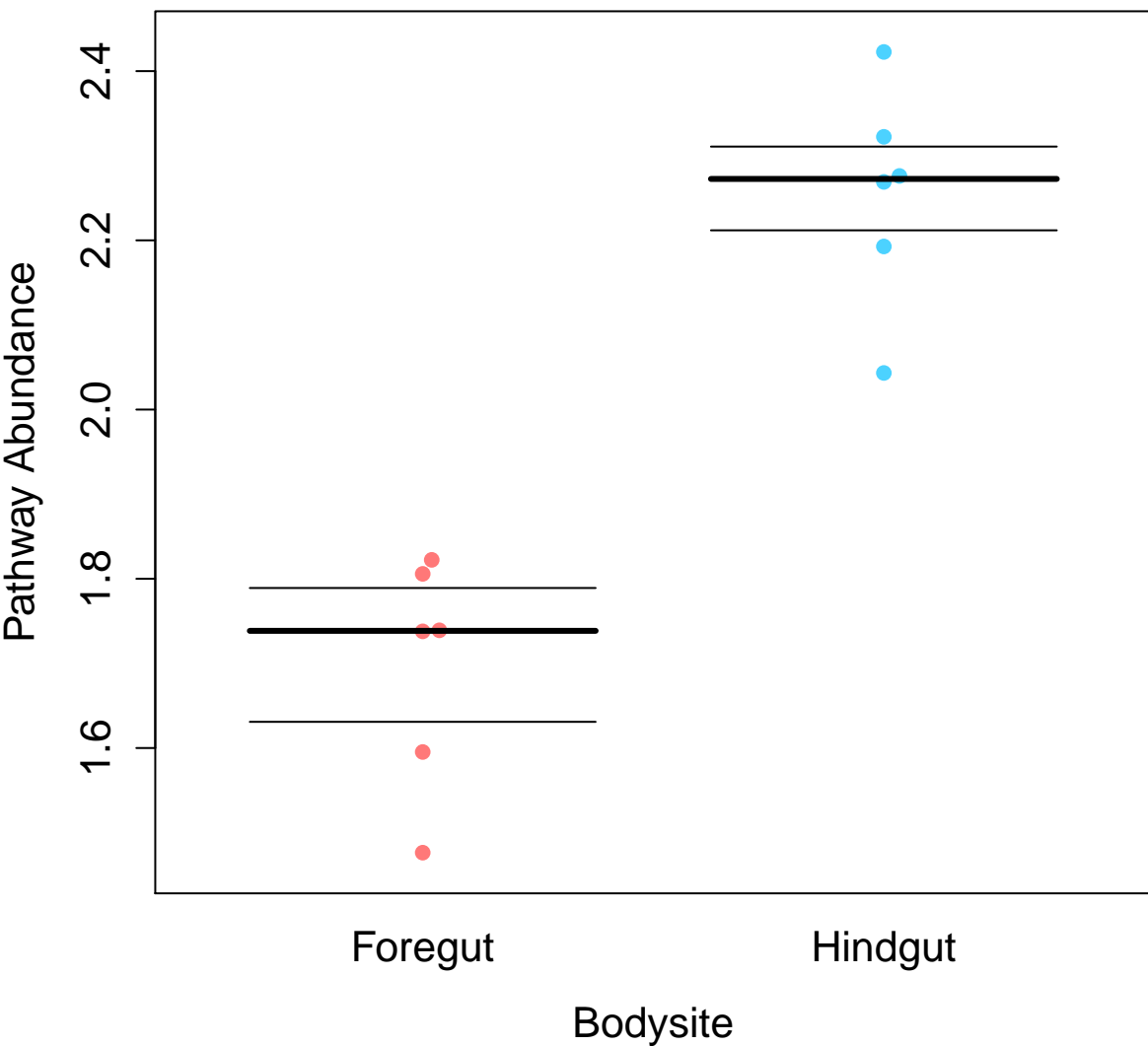
Fatty acid biosynthesis



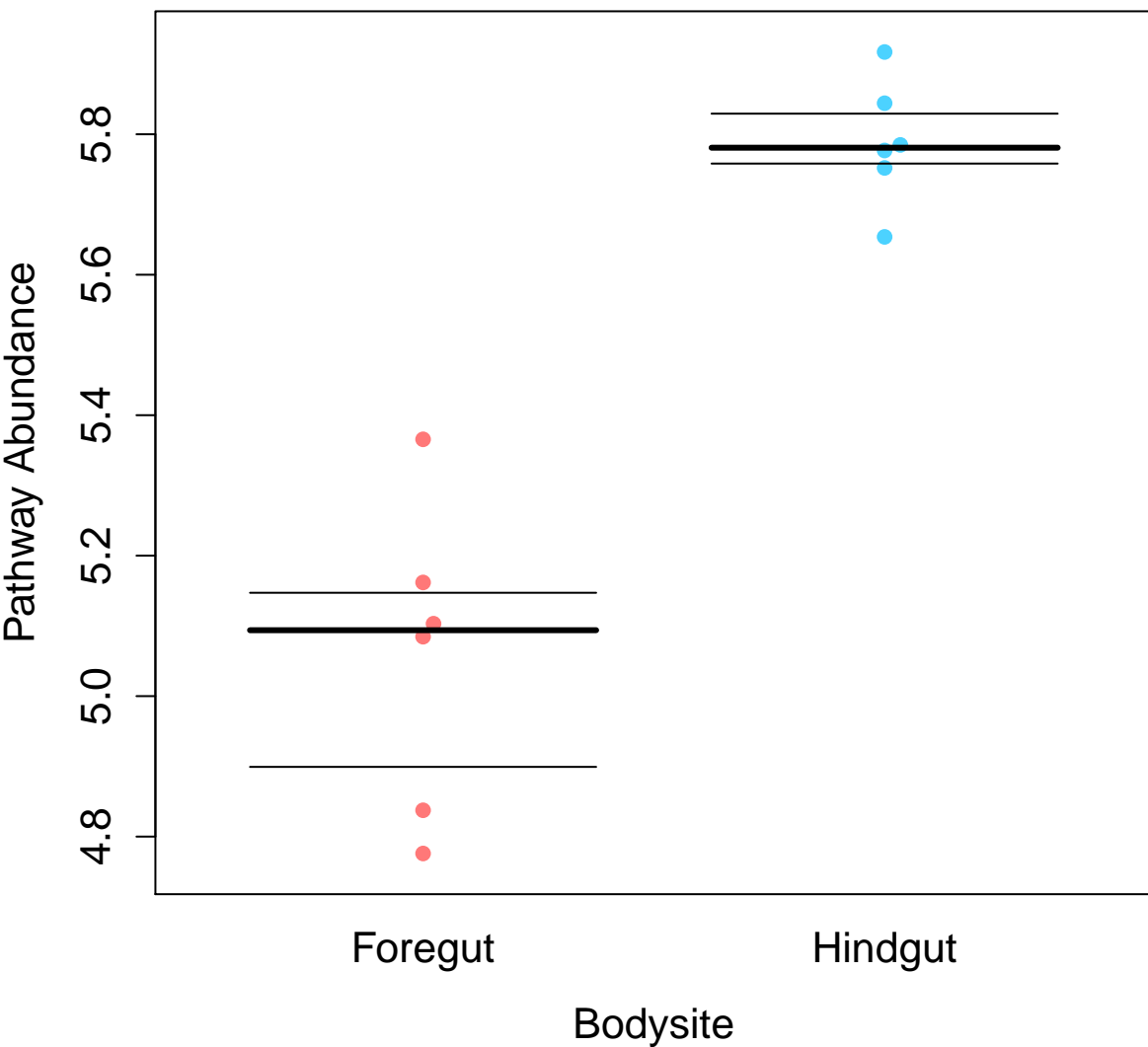
Histidine metabolism



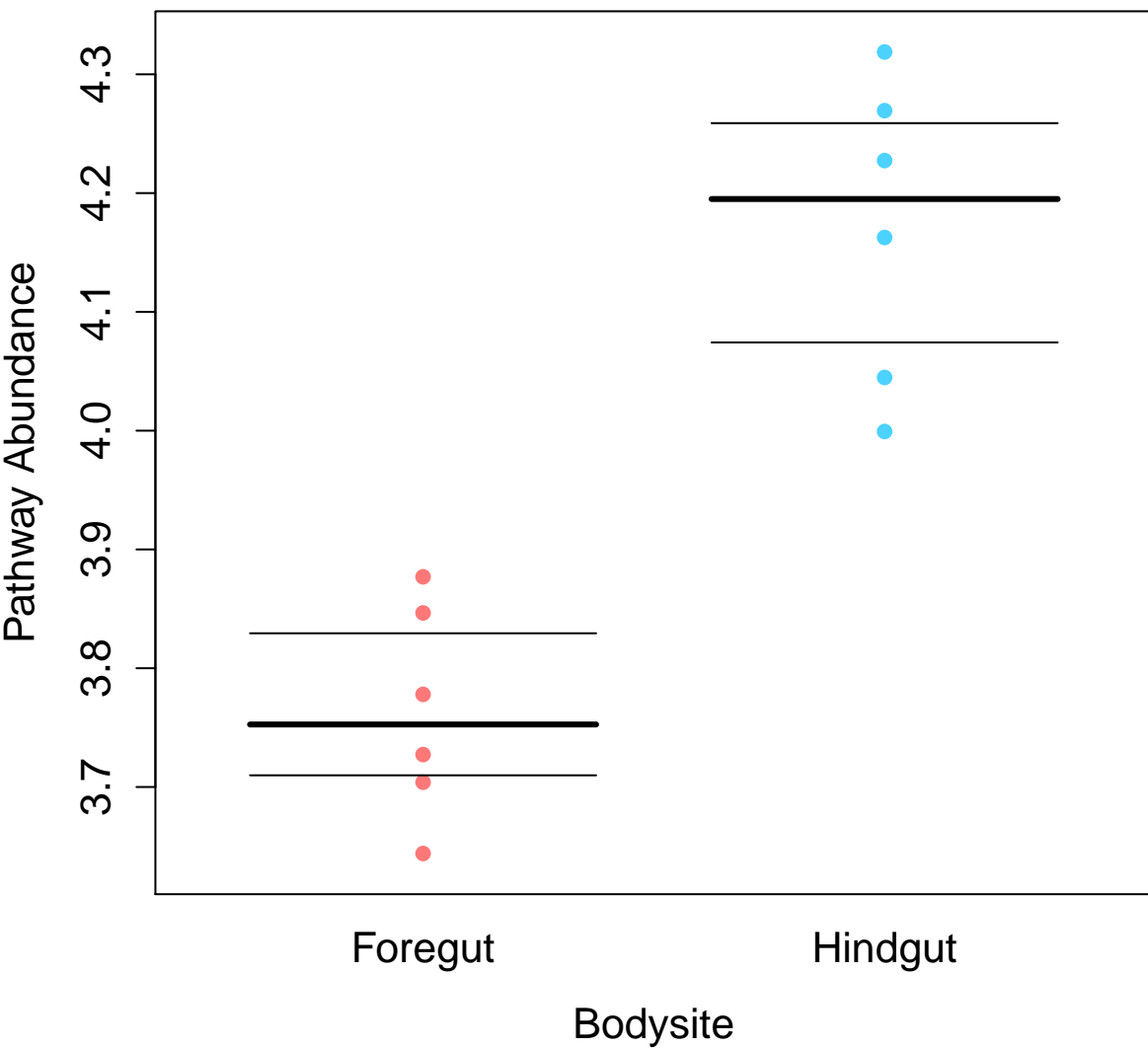
MAPK signaling pathway – yeast



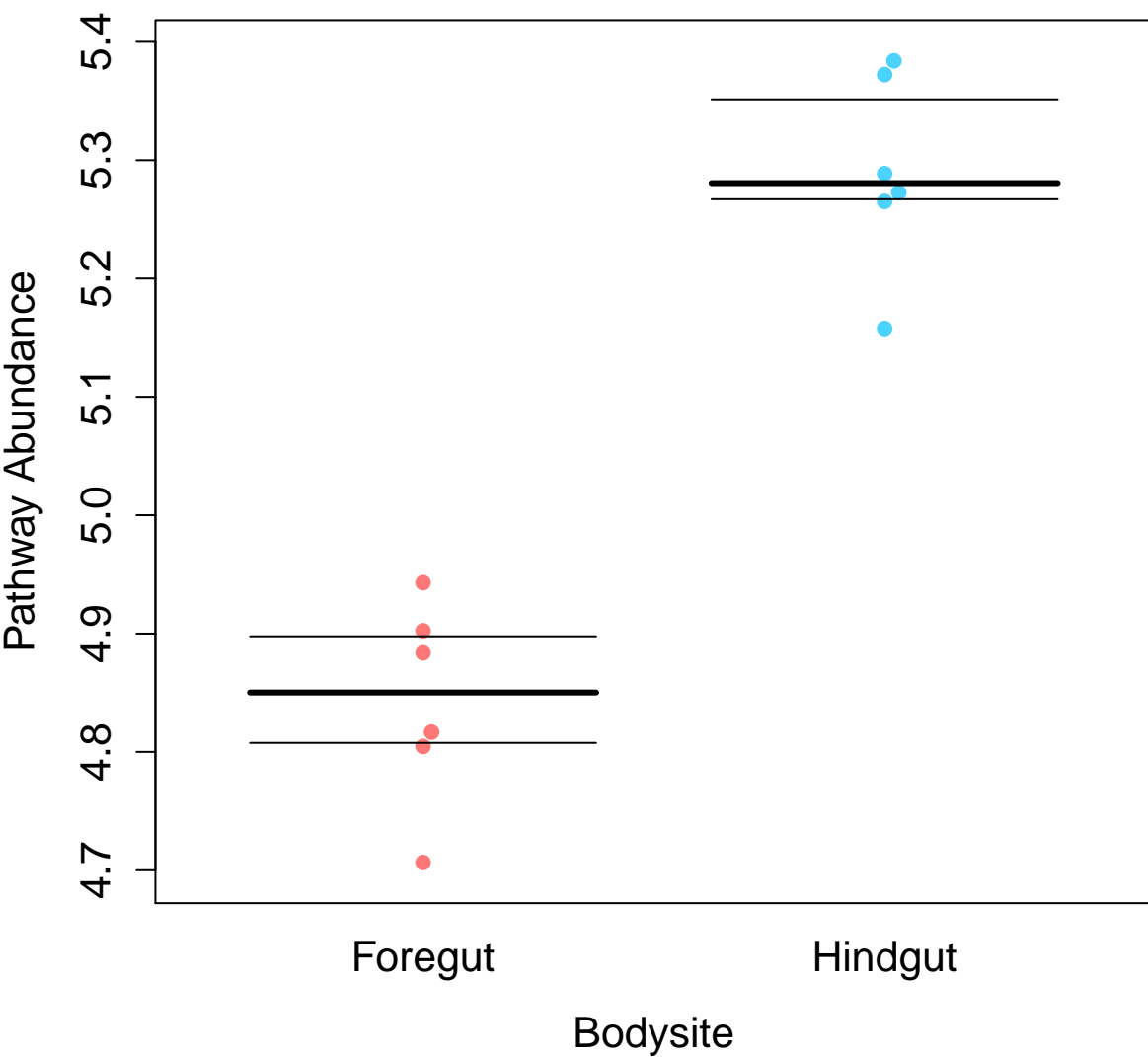
Methane metabolism



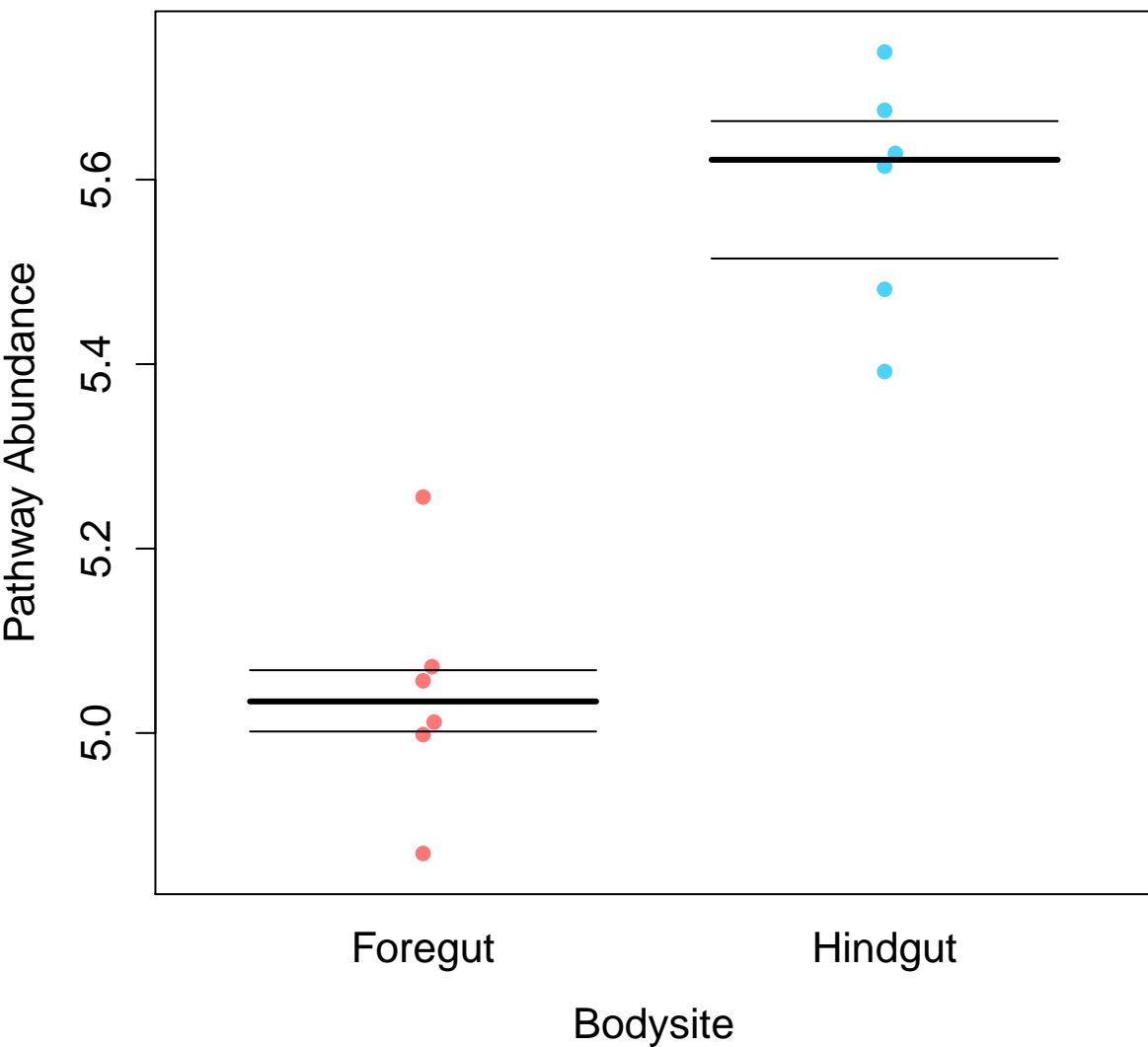
Other transporters



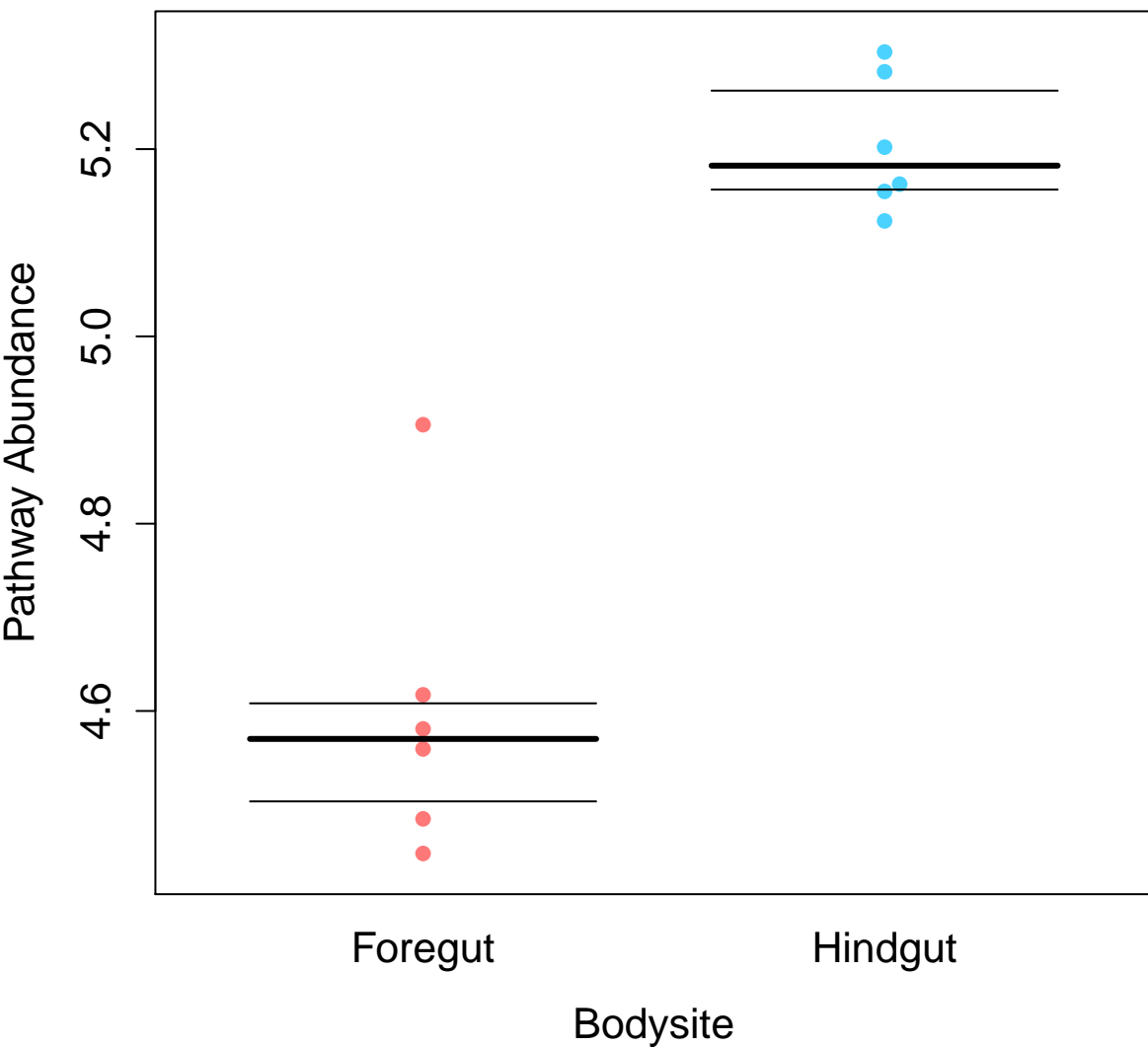
Others



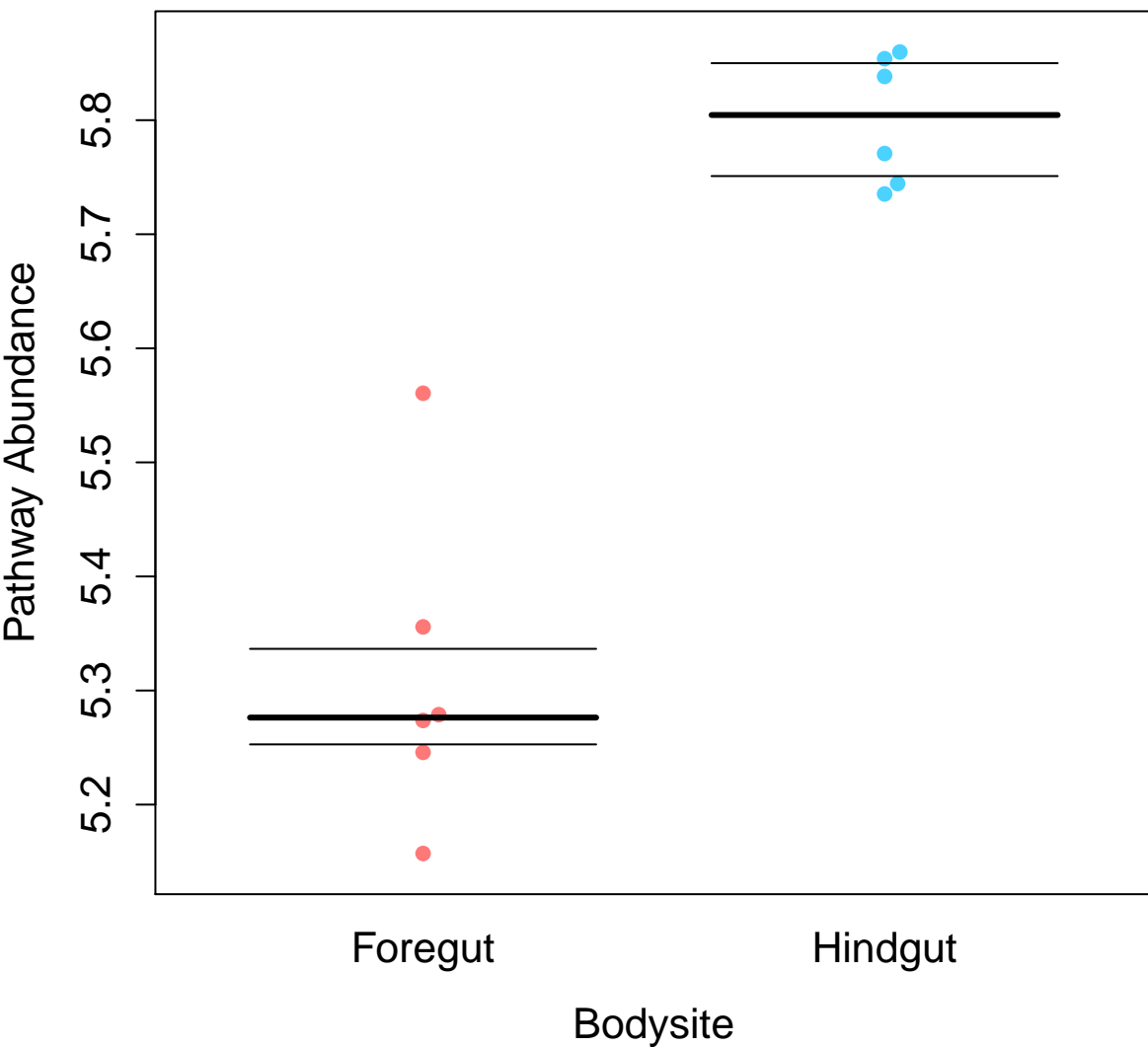
Pyruvate metabolism



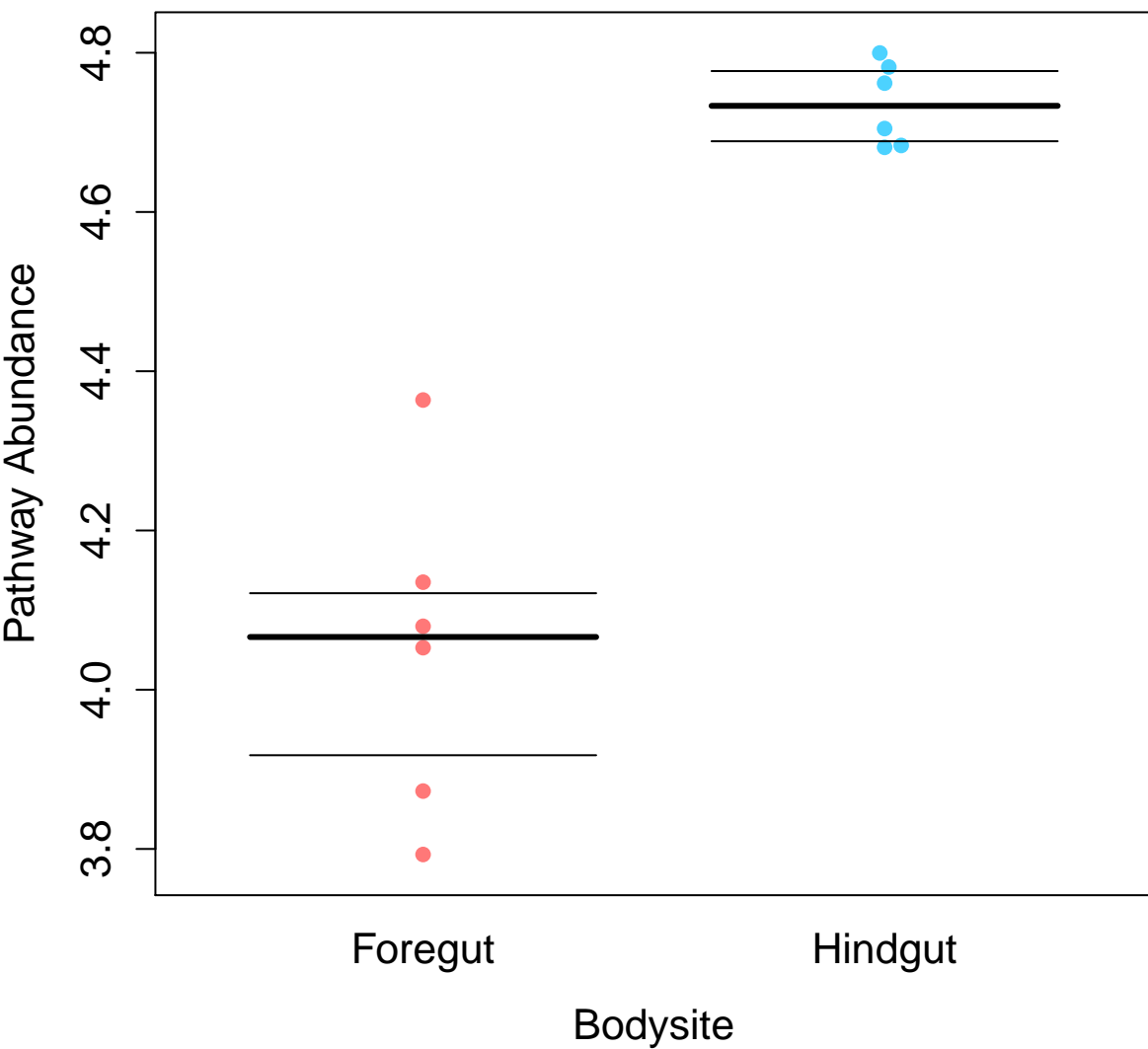
Replication, recombination and repair proteins



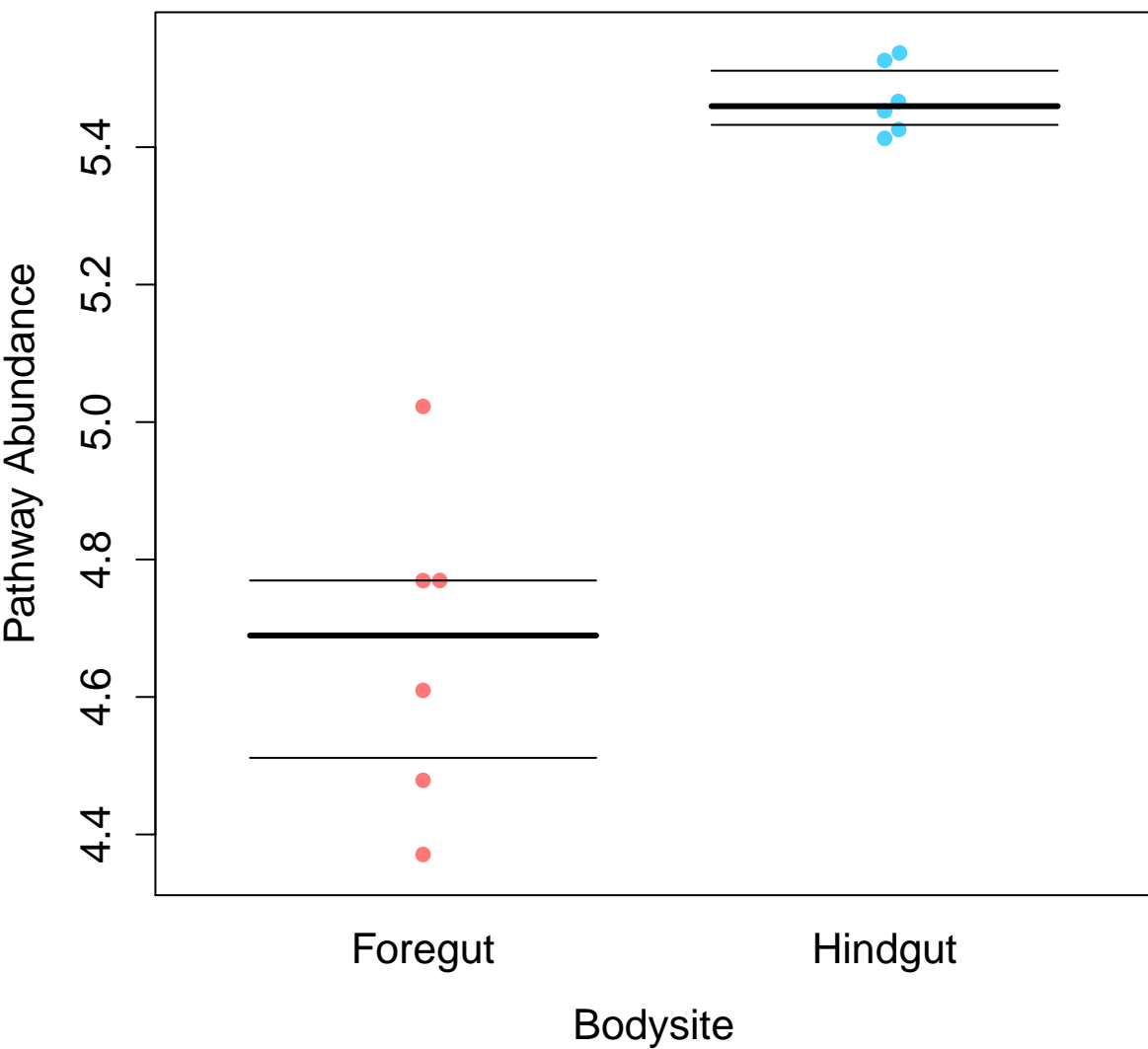
Ribosome Biogenesis



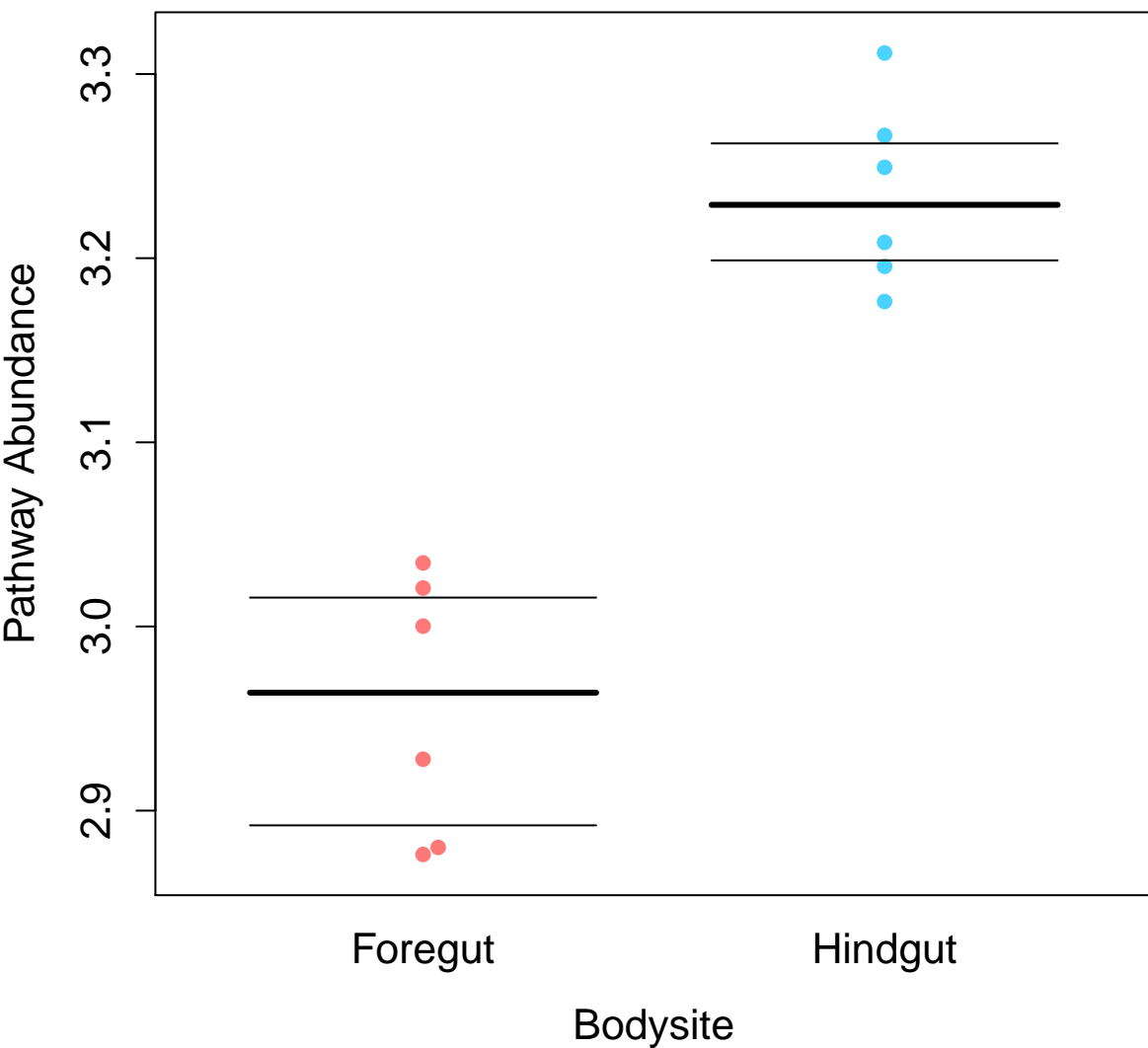
Thiamine metabolism



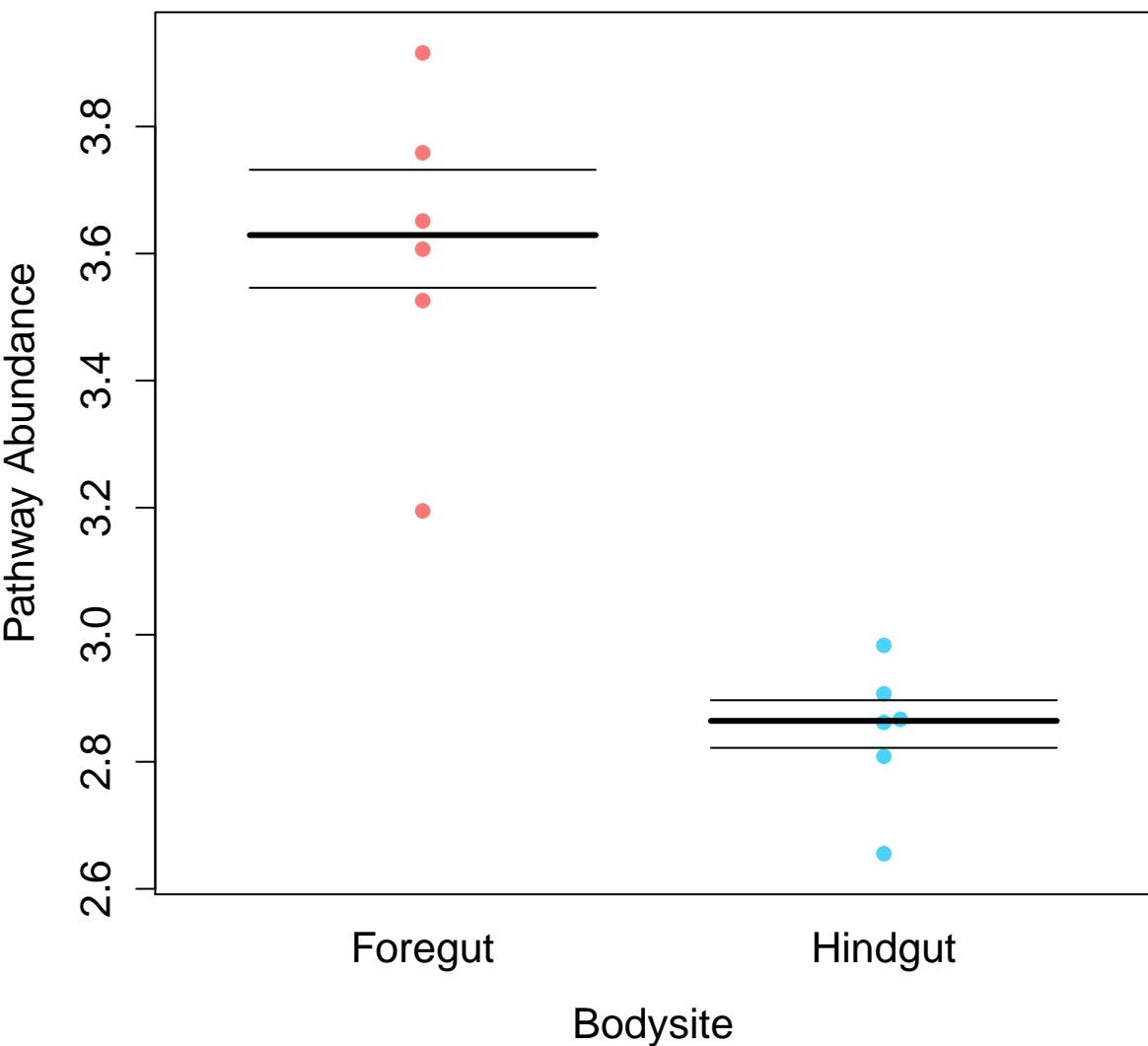
Transcription machinery



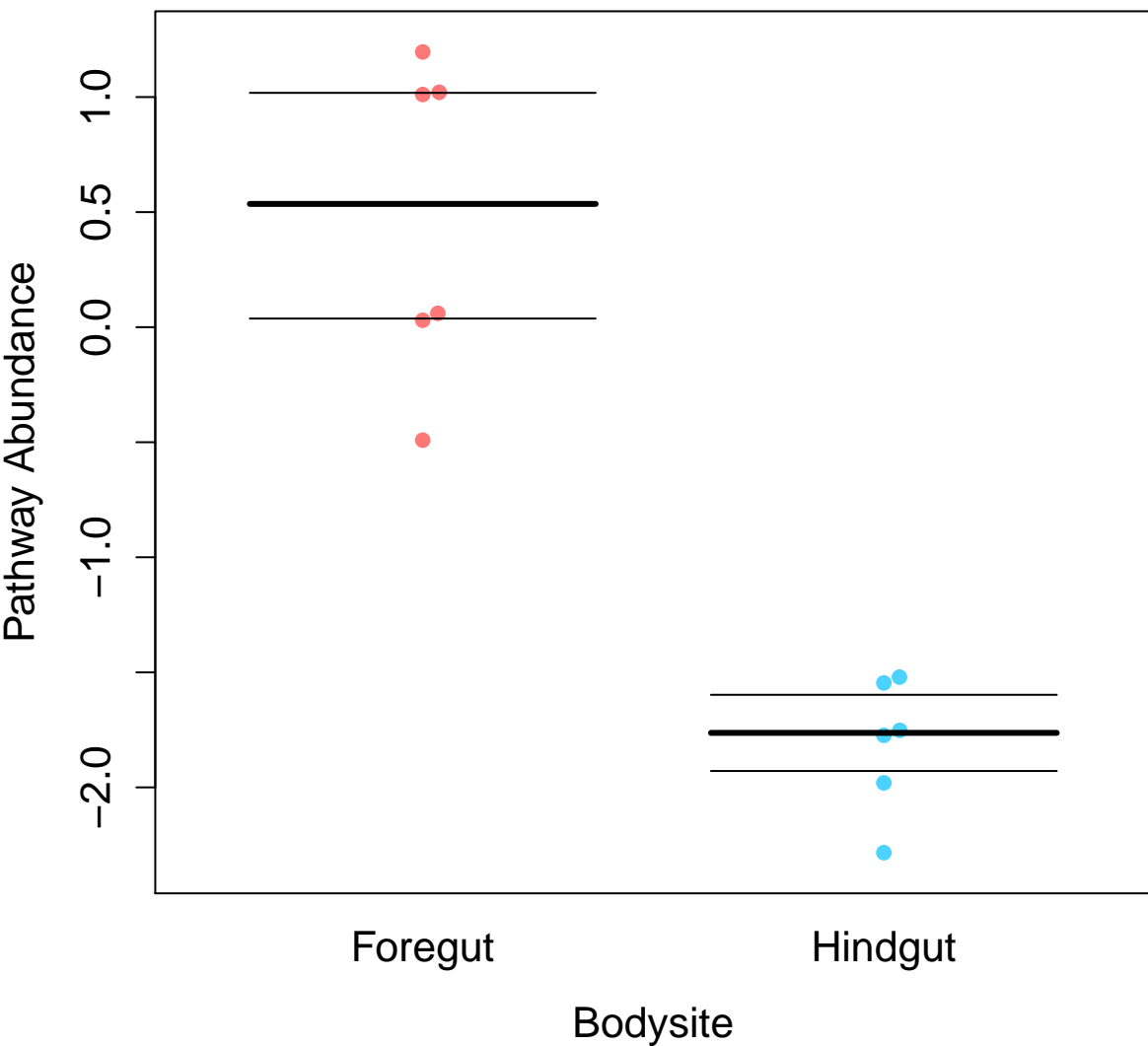
Tropane, piperidine and pyridine alkaloid biosynthesis



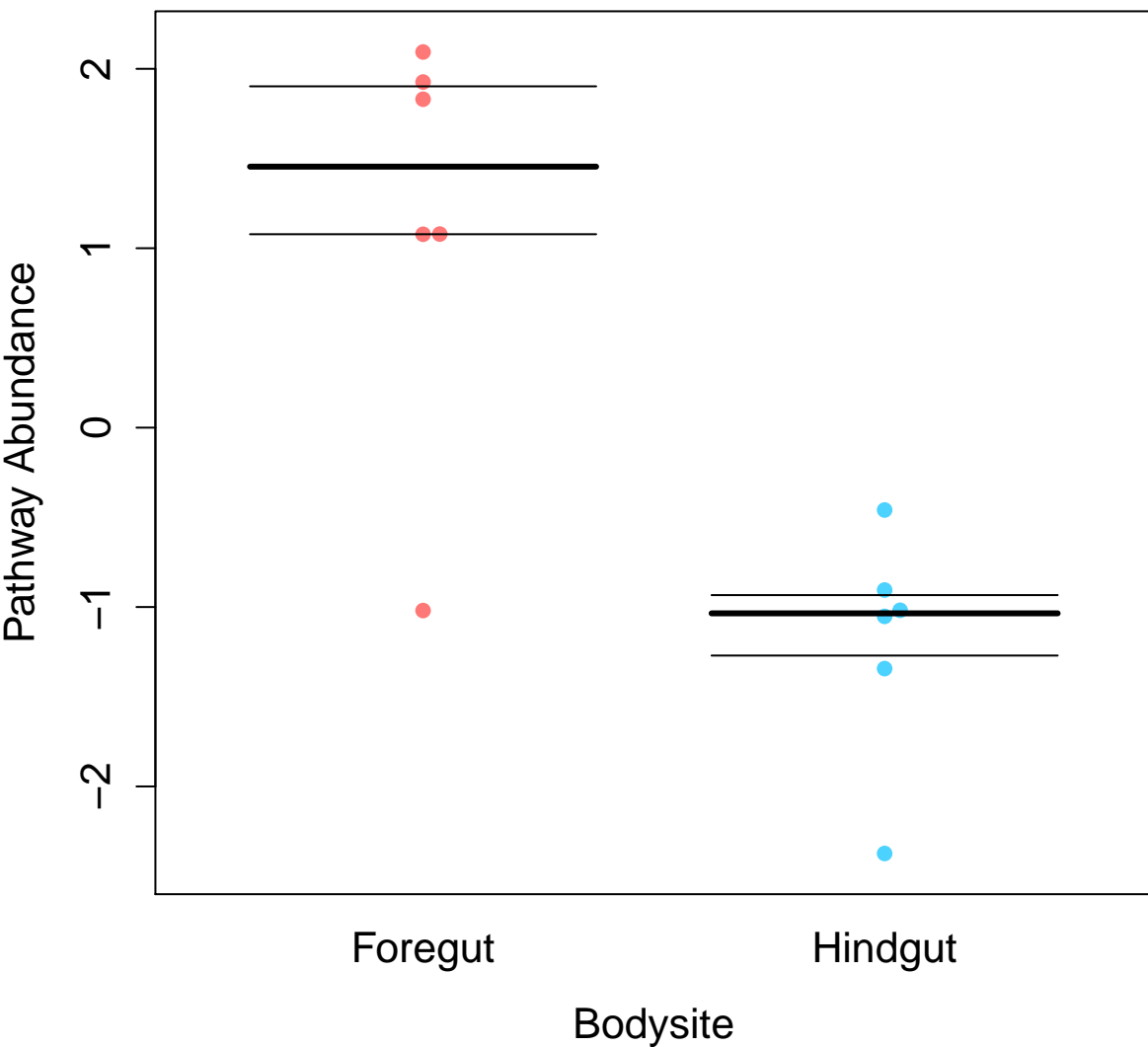
Ubiquinone and other terpenoid–quinone biosynthesis



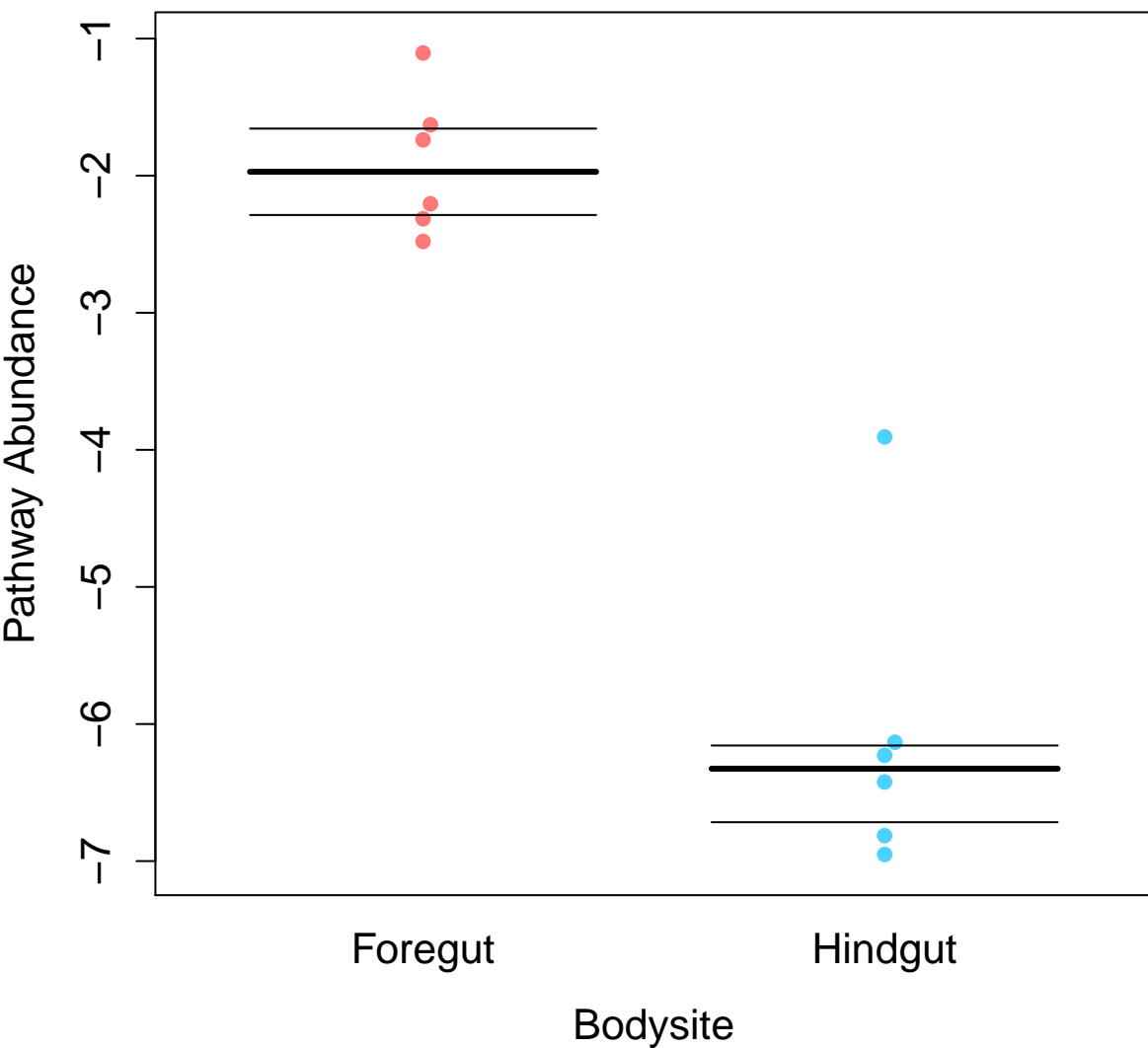
Ubiquitin system



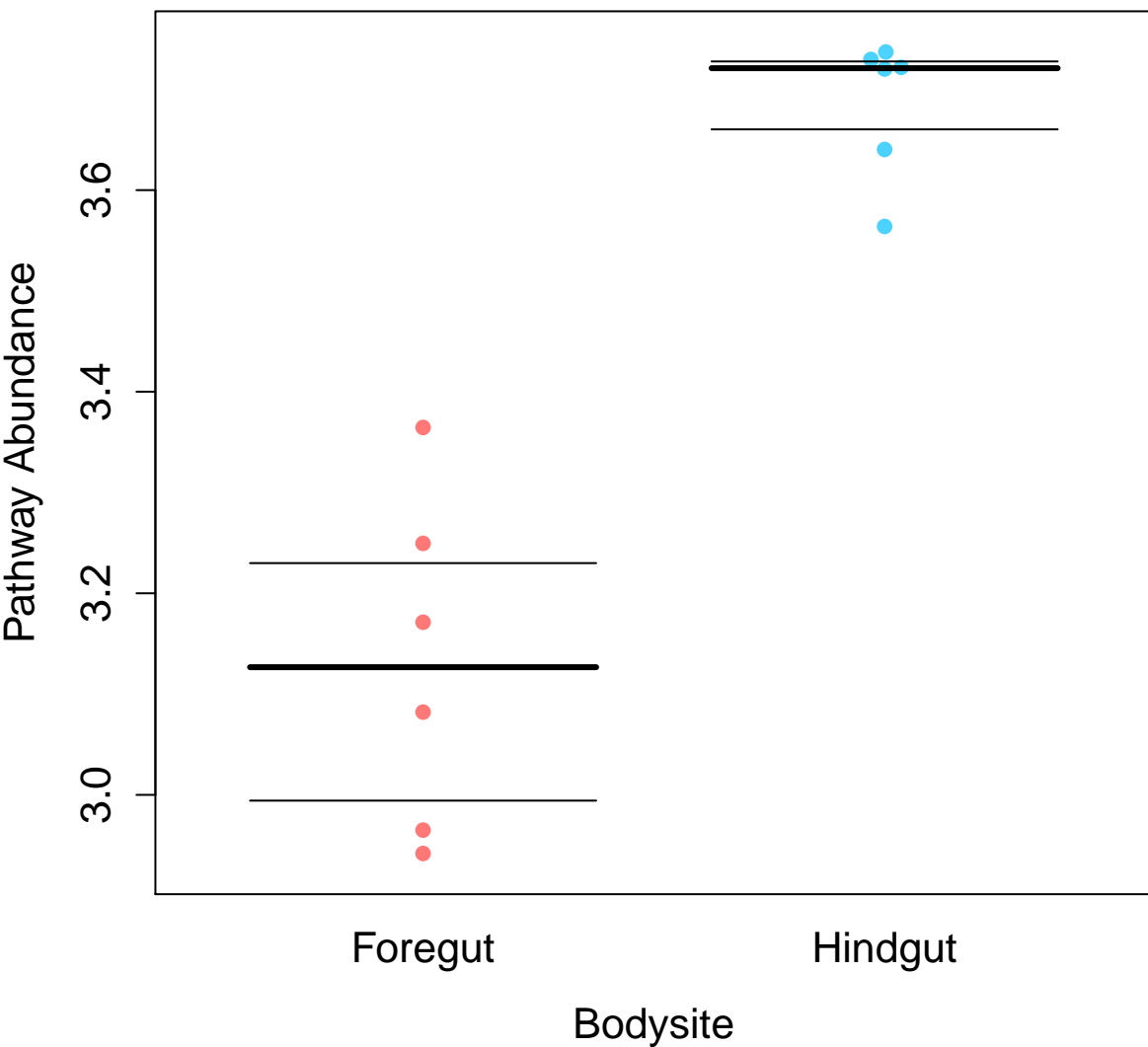
alpha-Linolenic acid metabolism



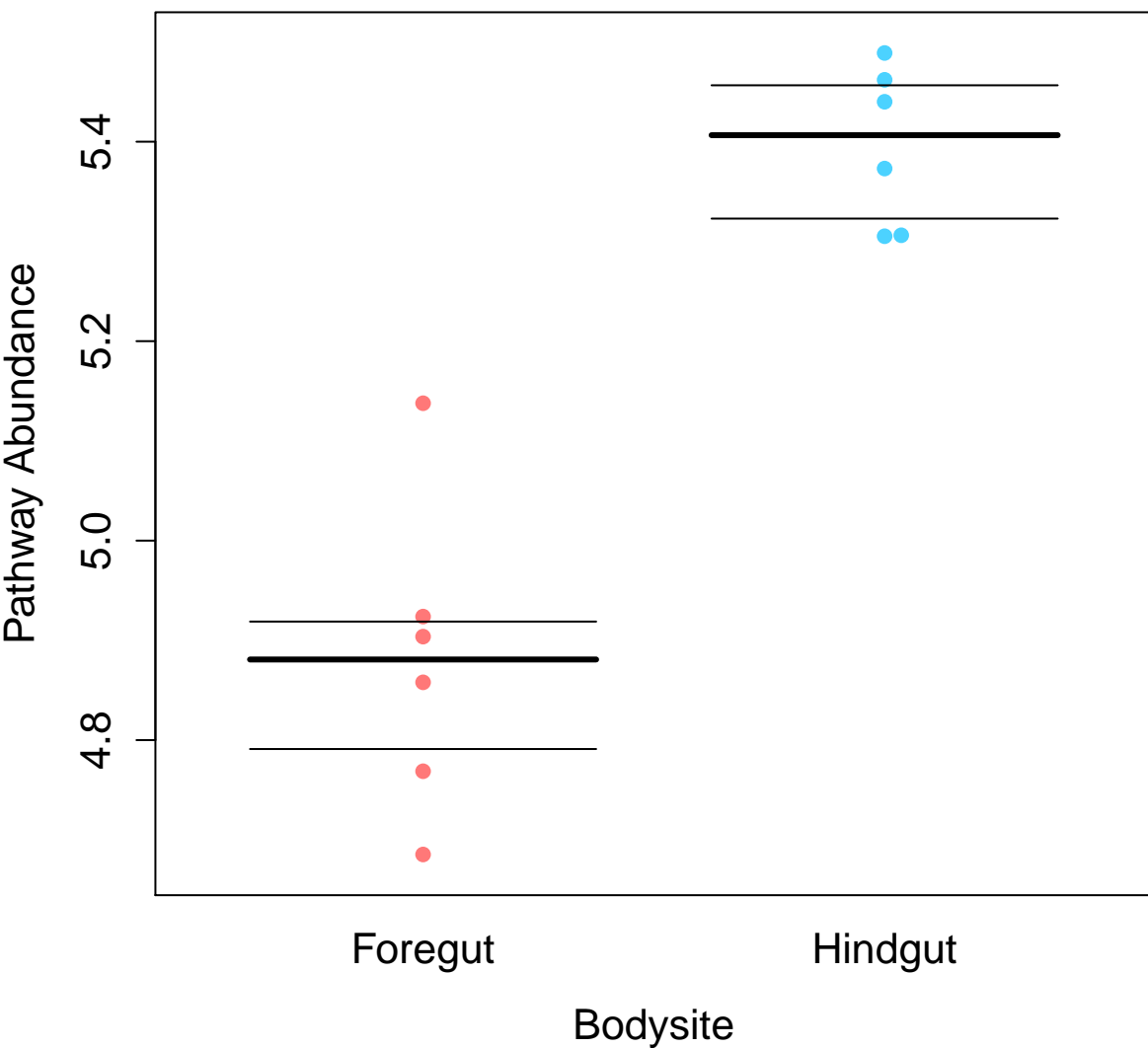
Bacterial invasion of epithelial cells



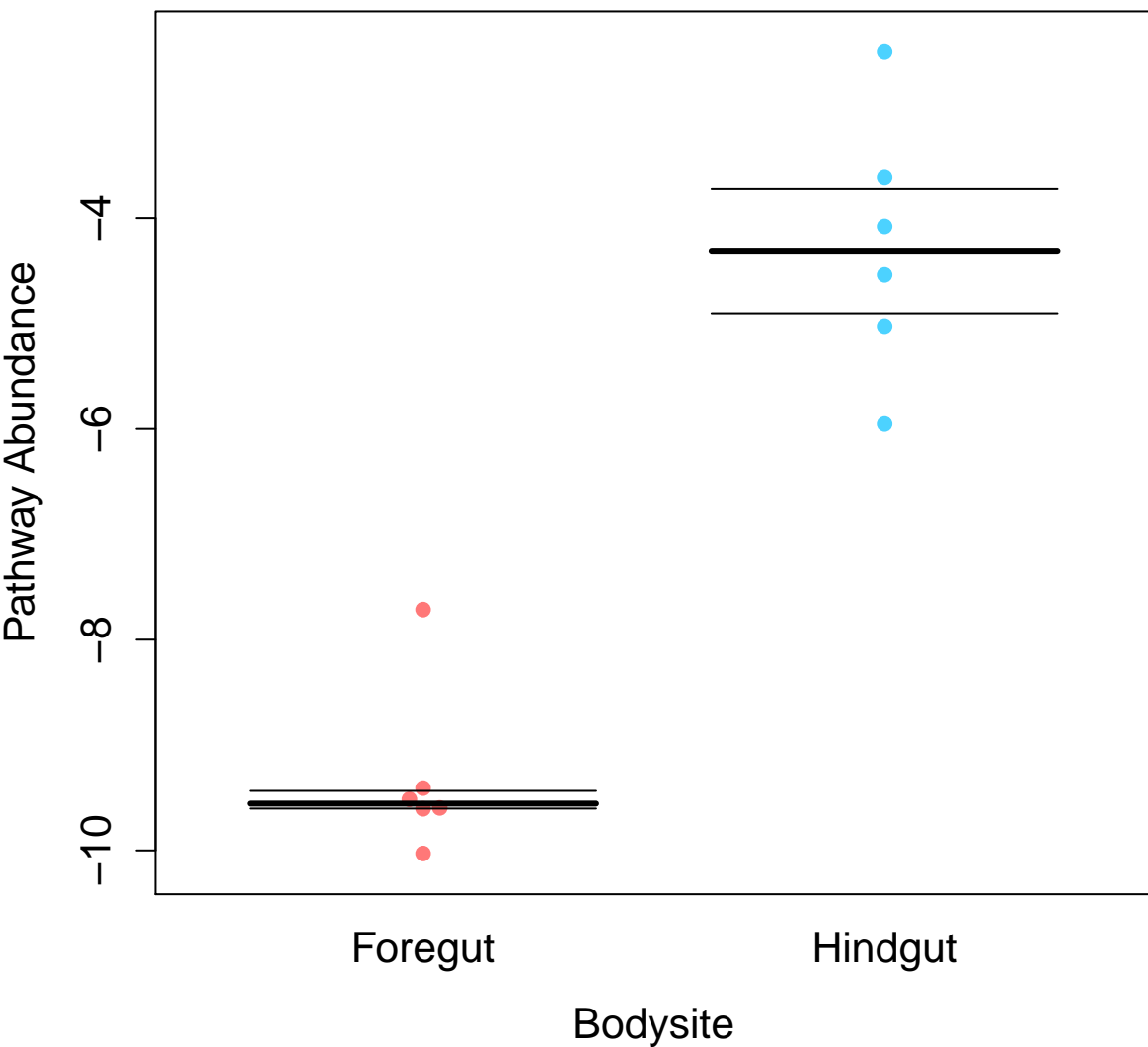
Amino acid metabolism



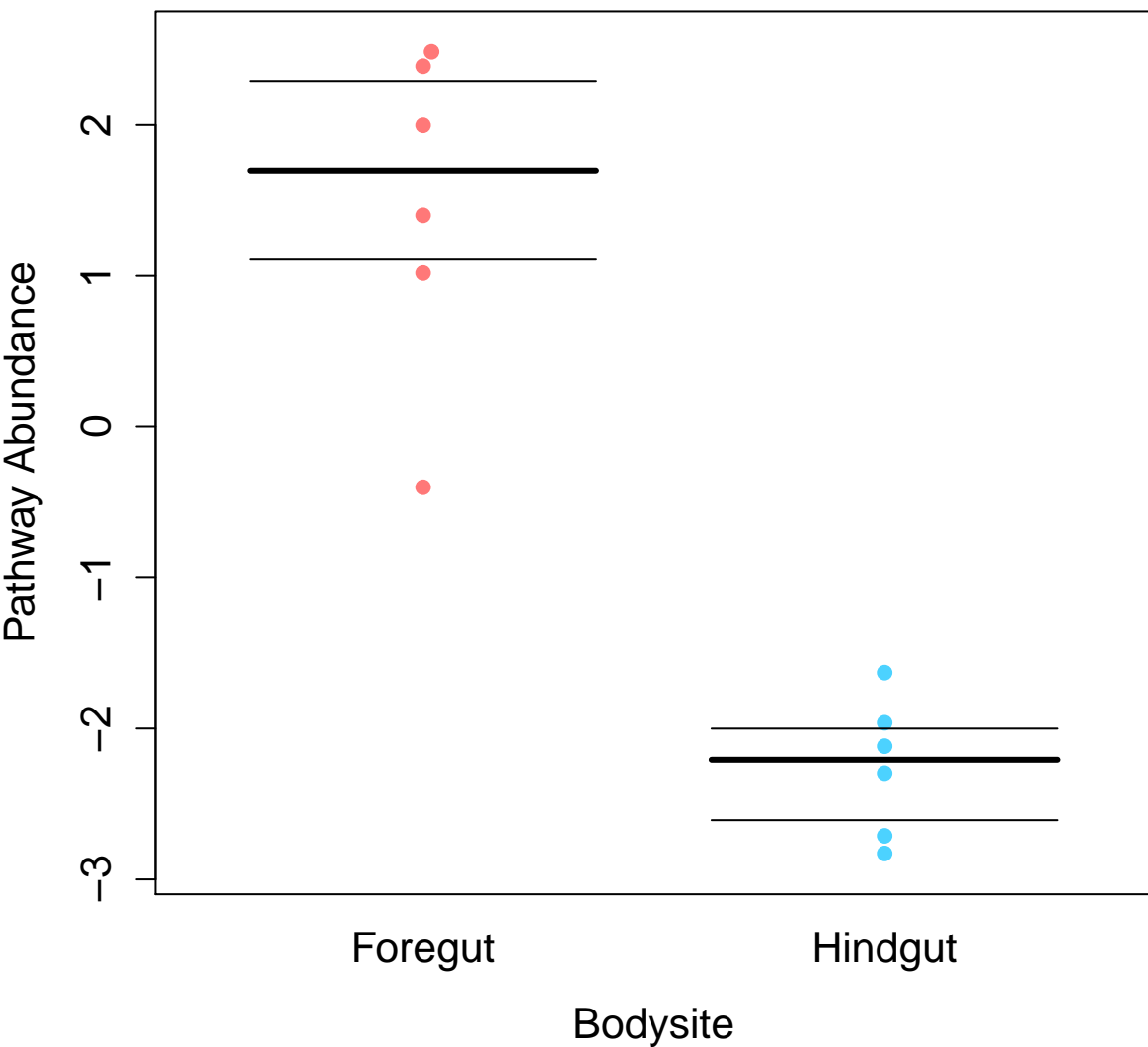
Translation proteins



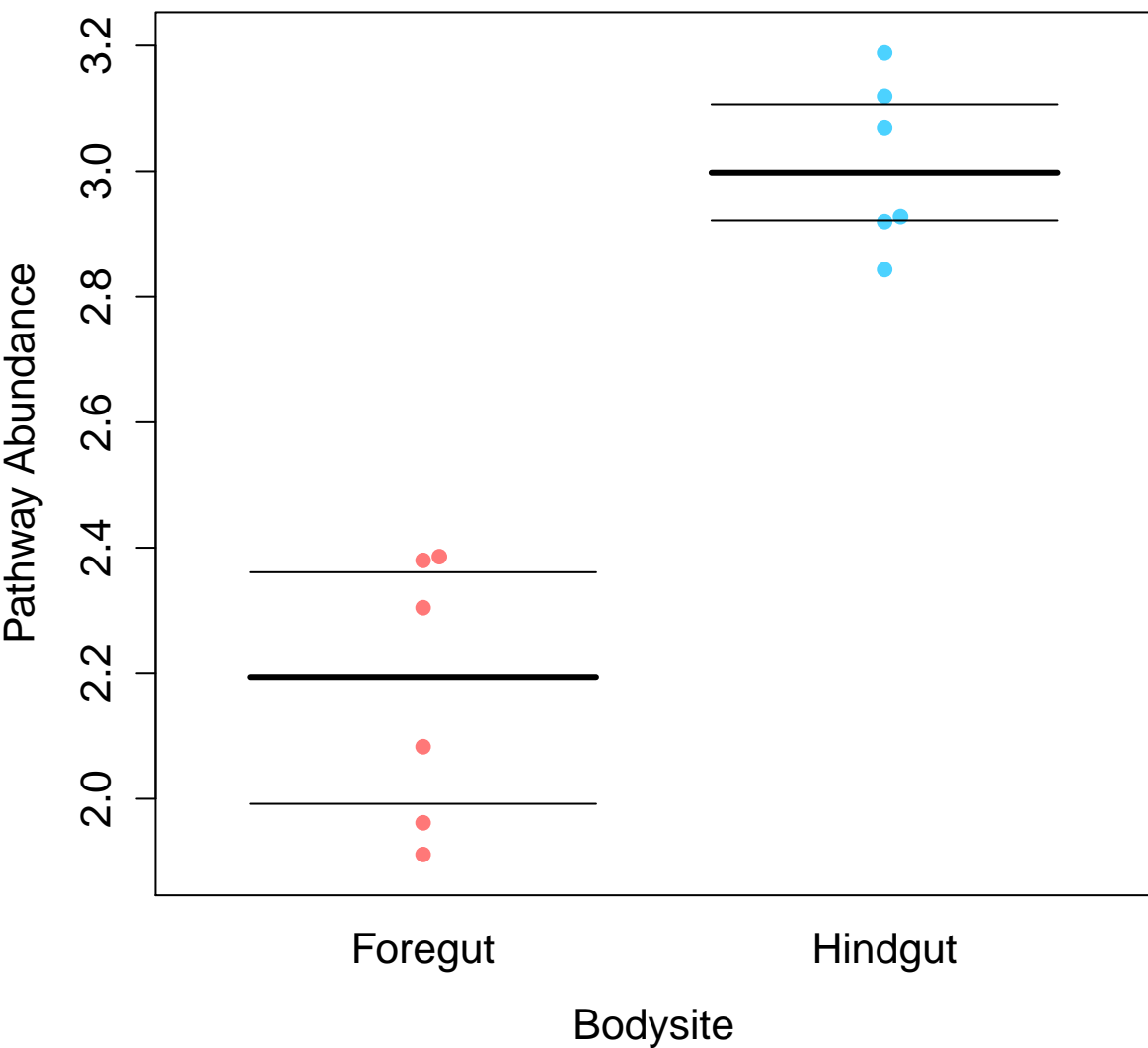
Fatty acid elongation in mitochondria



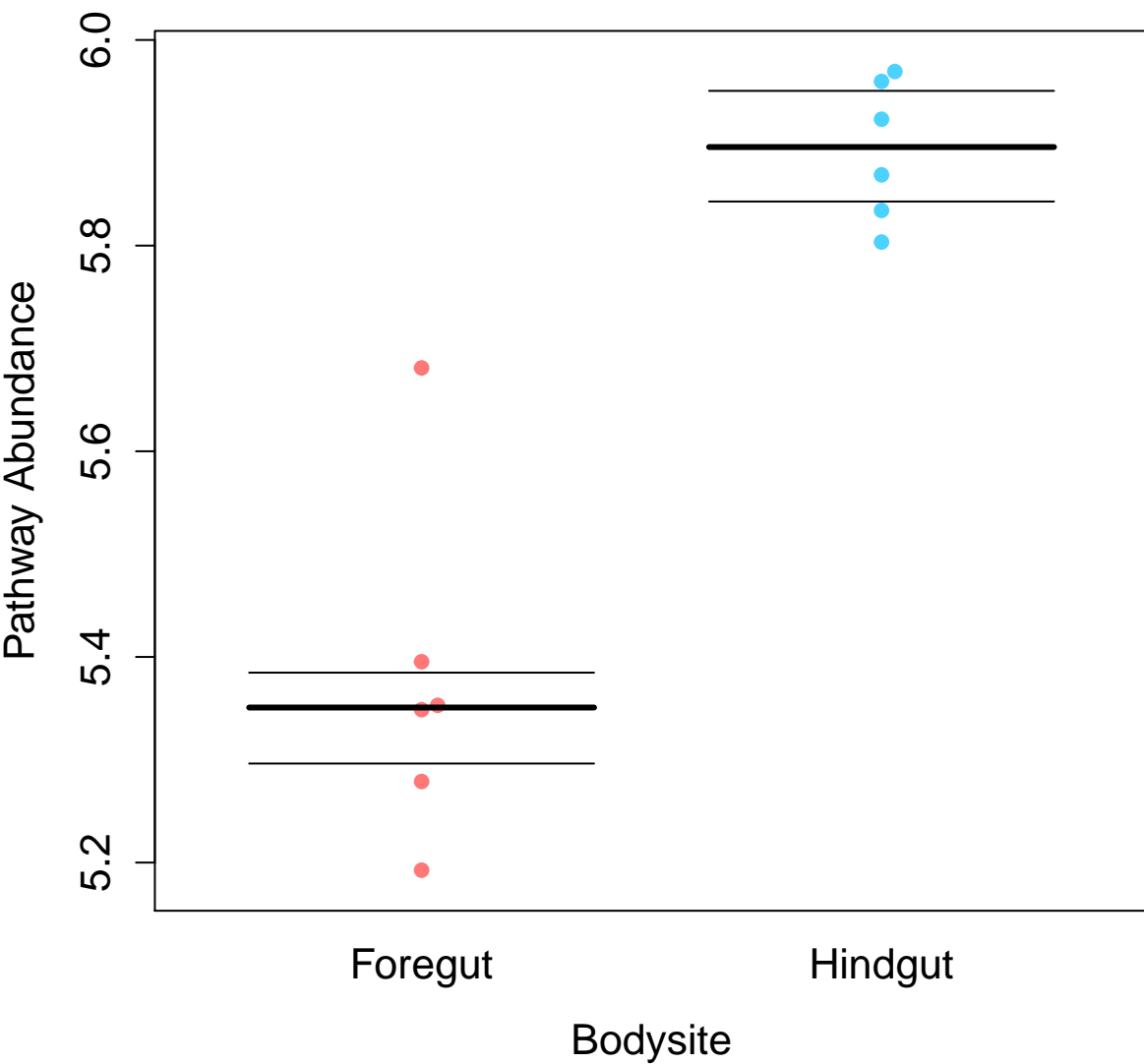
Fluorobenzoate degradation



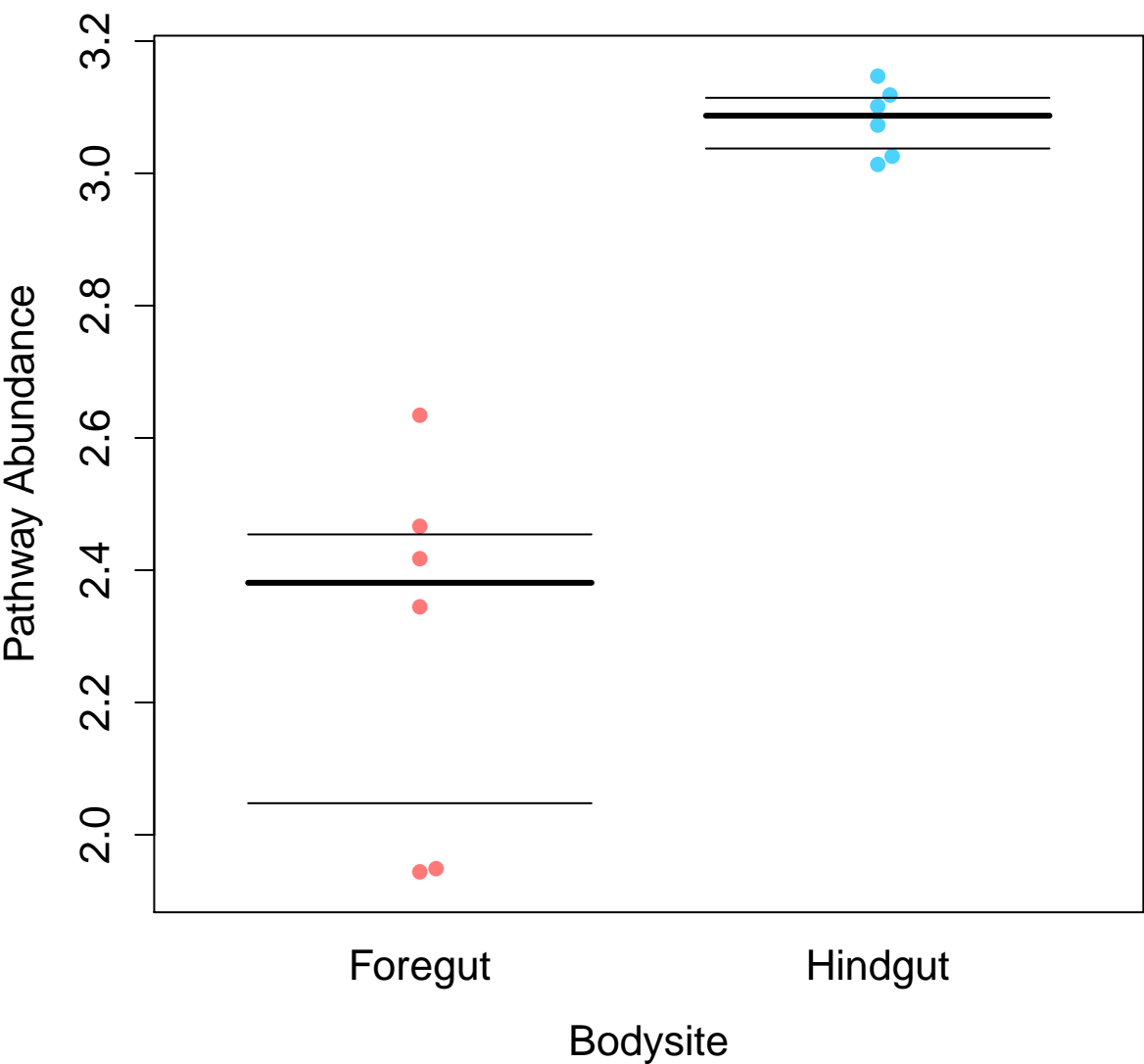
Nitrotoluene degradation



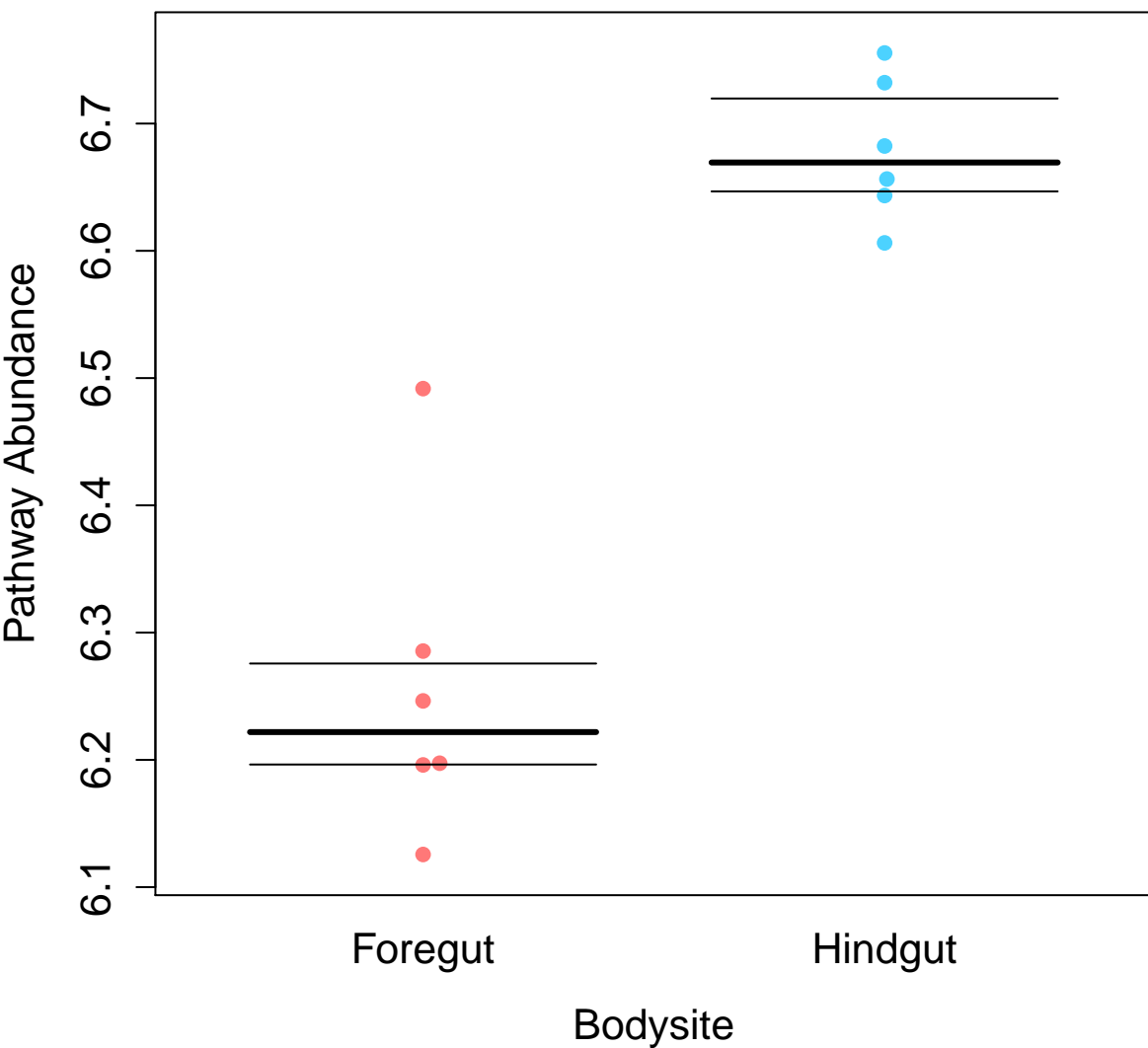
Chromosome



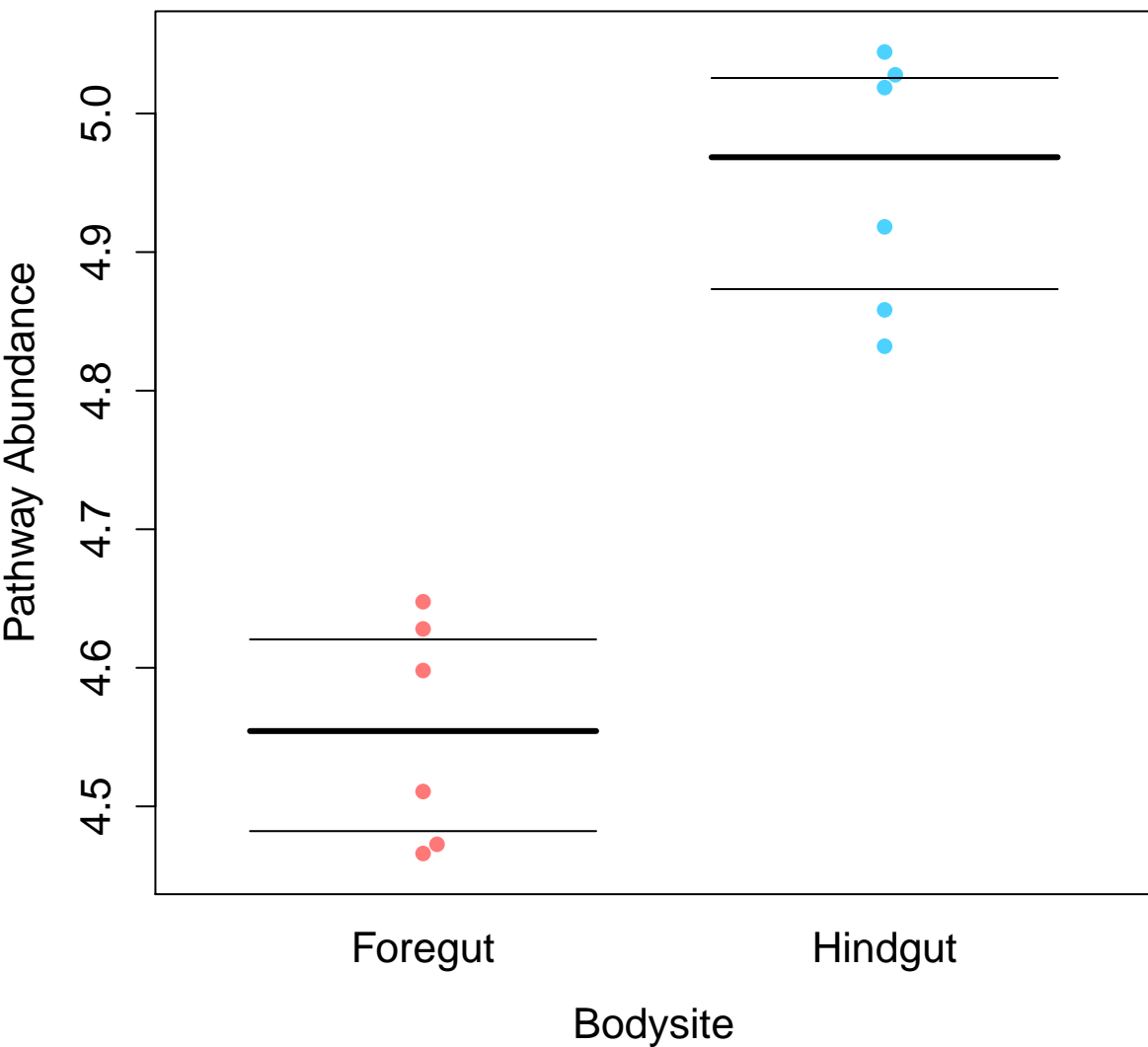
Epithelial cell signaling in *Helicobacter pylori* infection



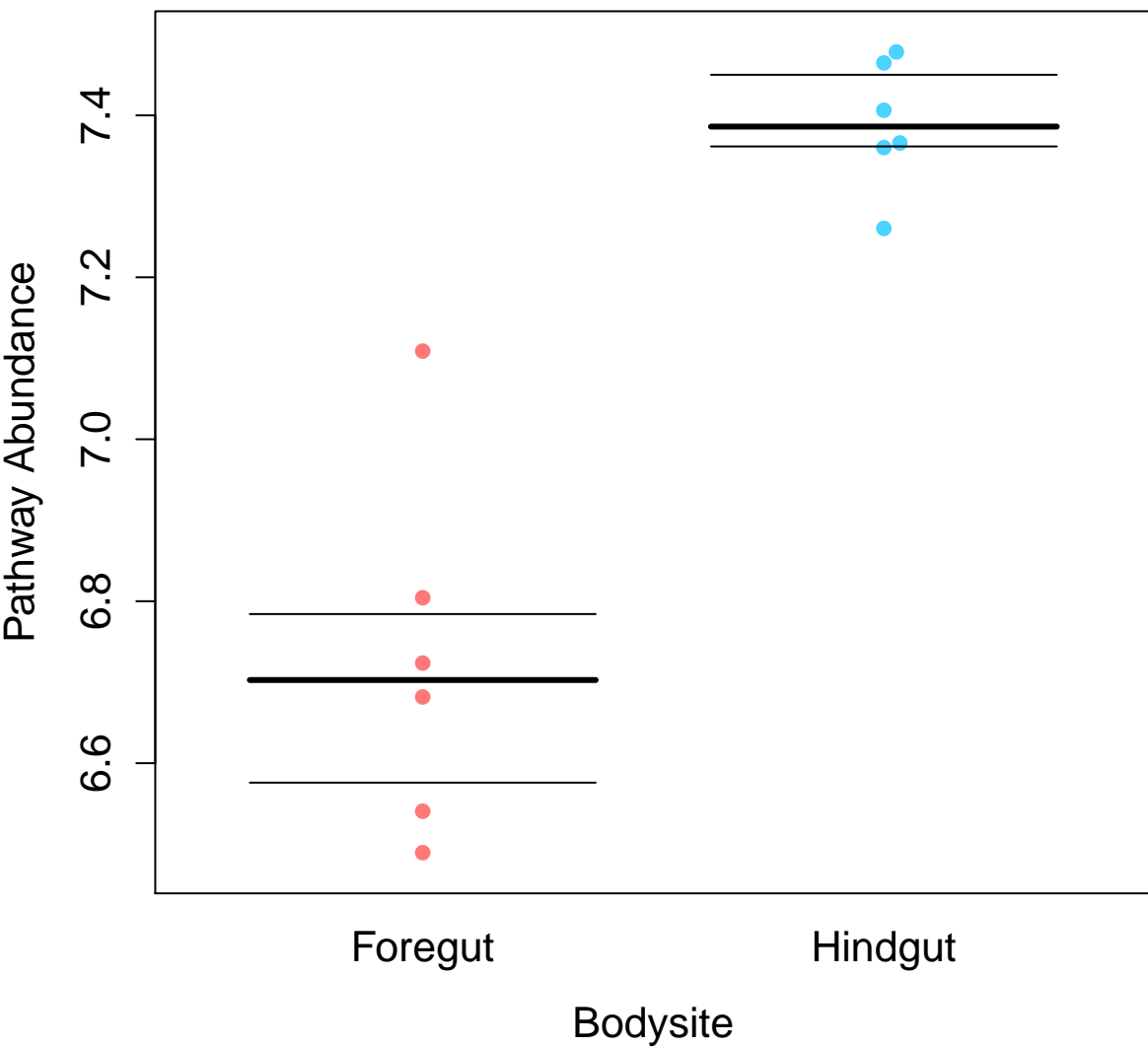
General function prediction only



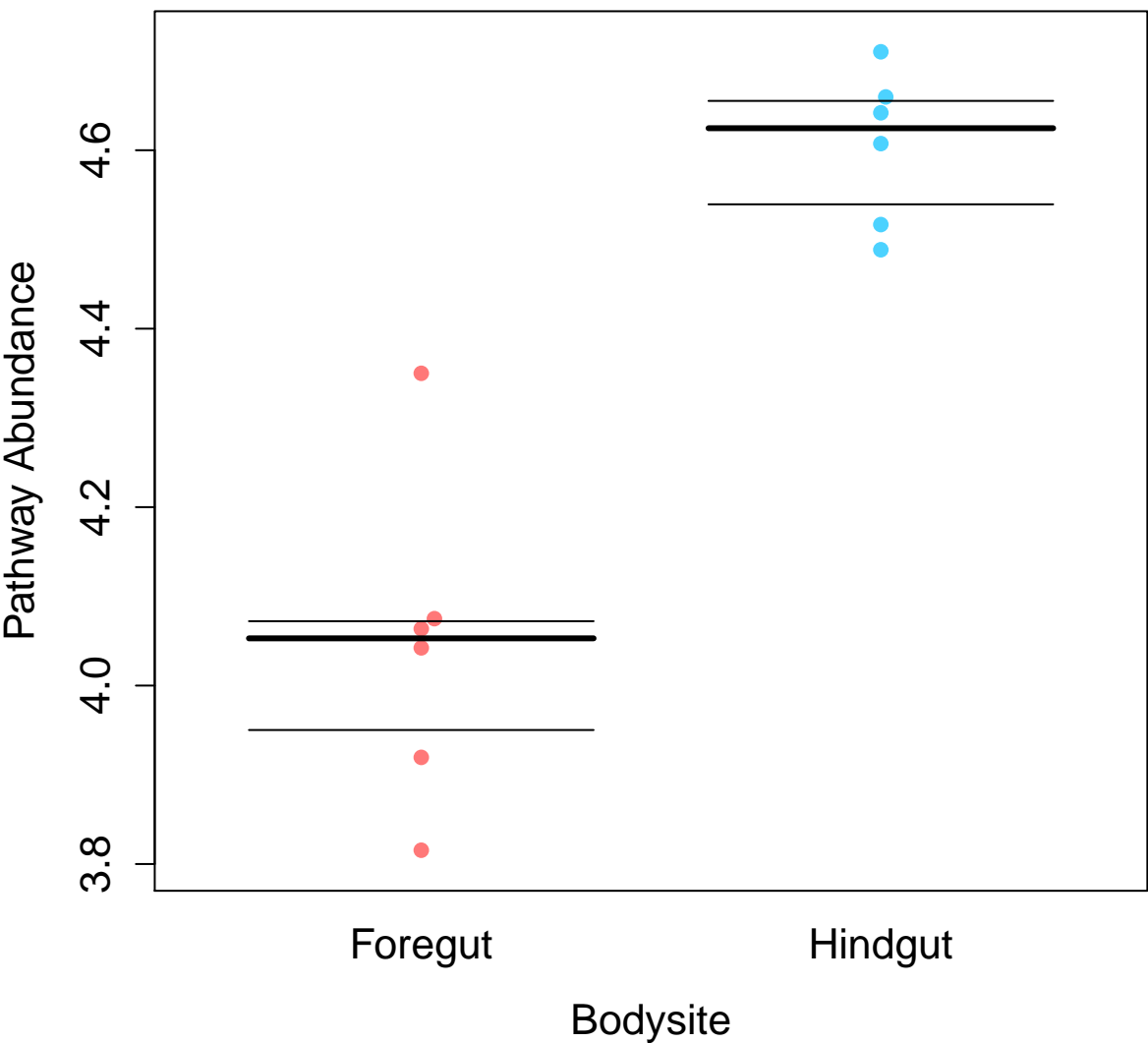
Lipid biosynthesis proteins



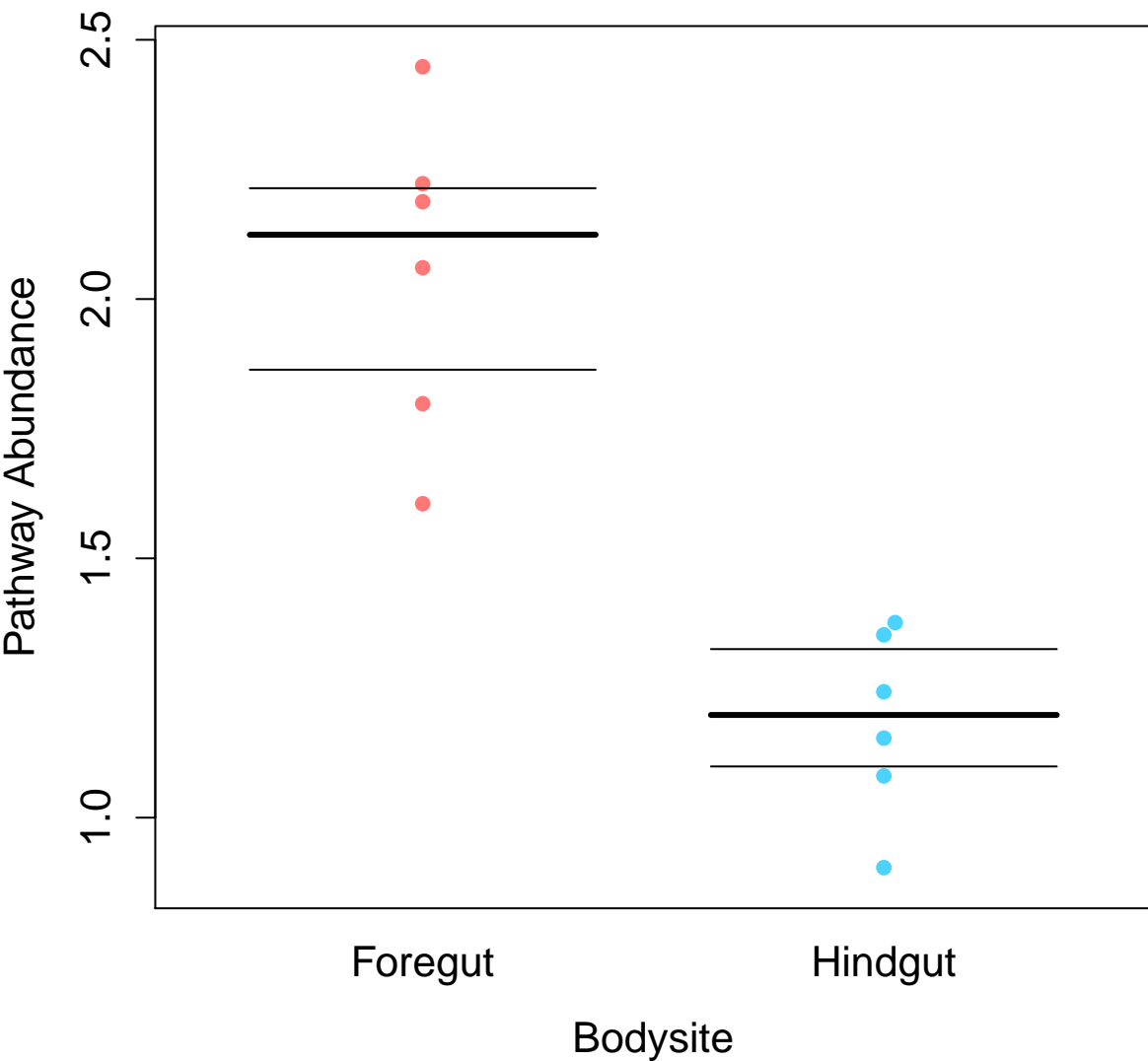
Transporters



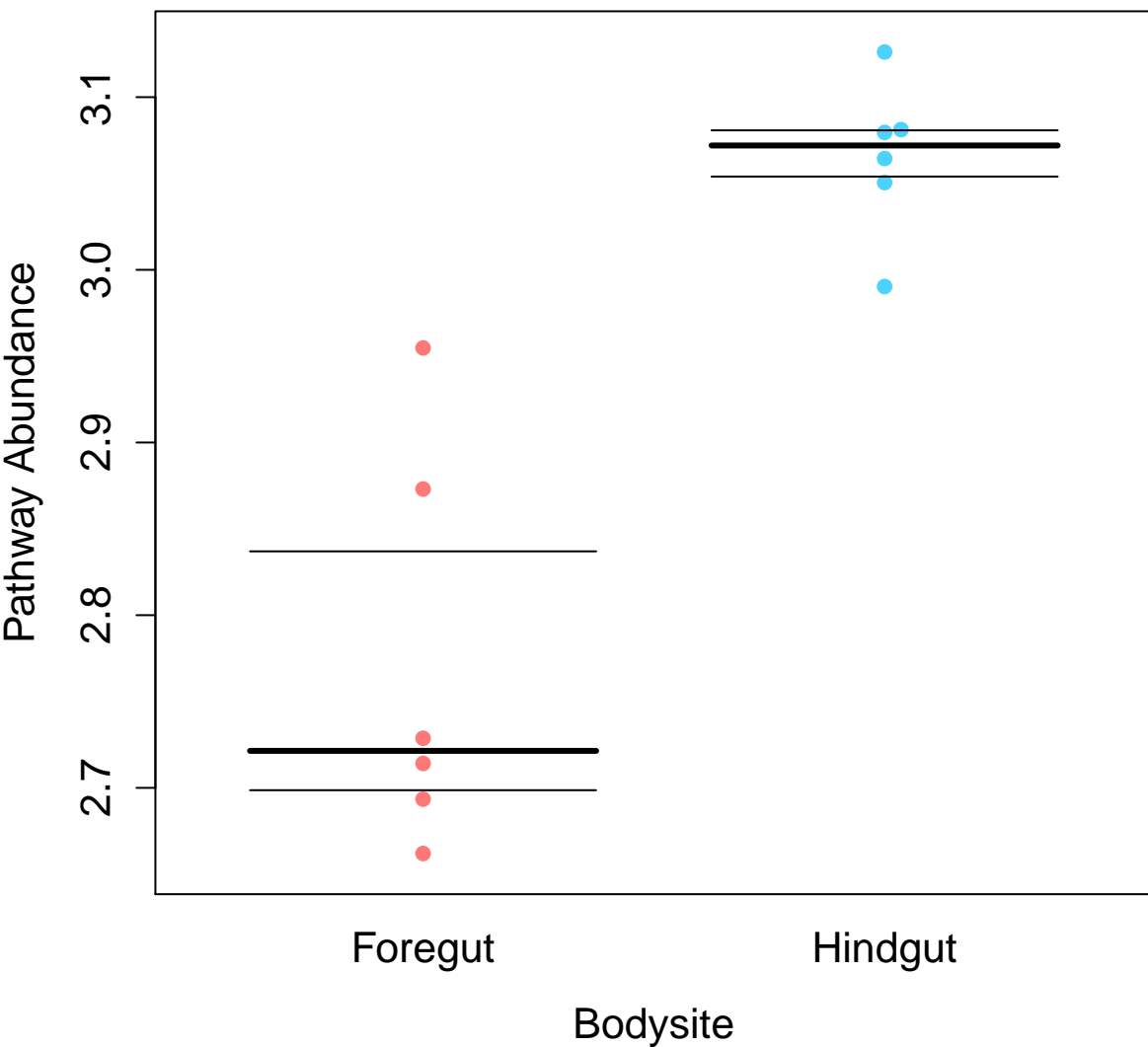
Base excision repair



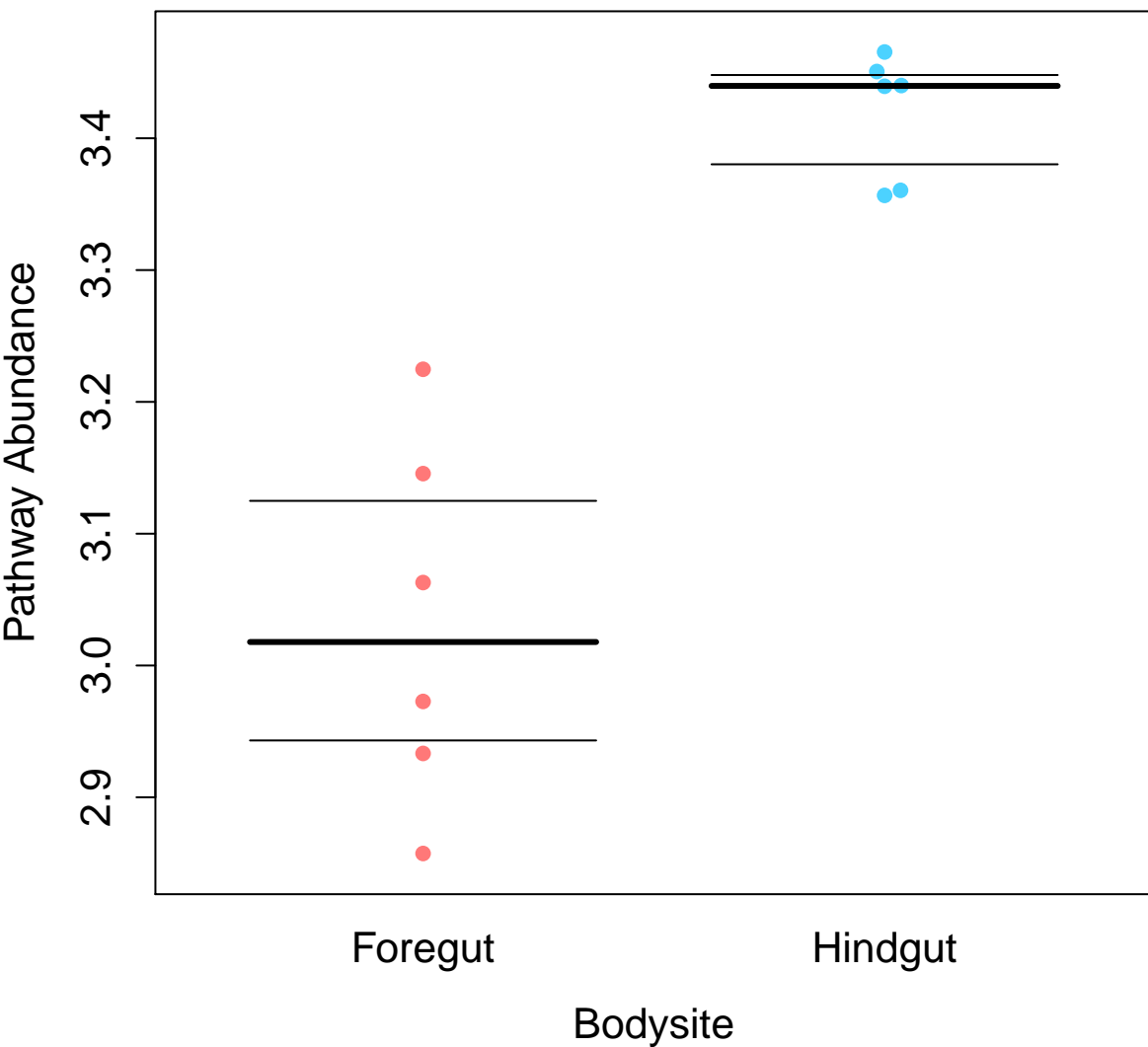
Arachidonic acid metabolism



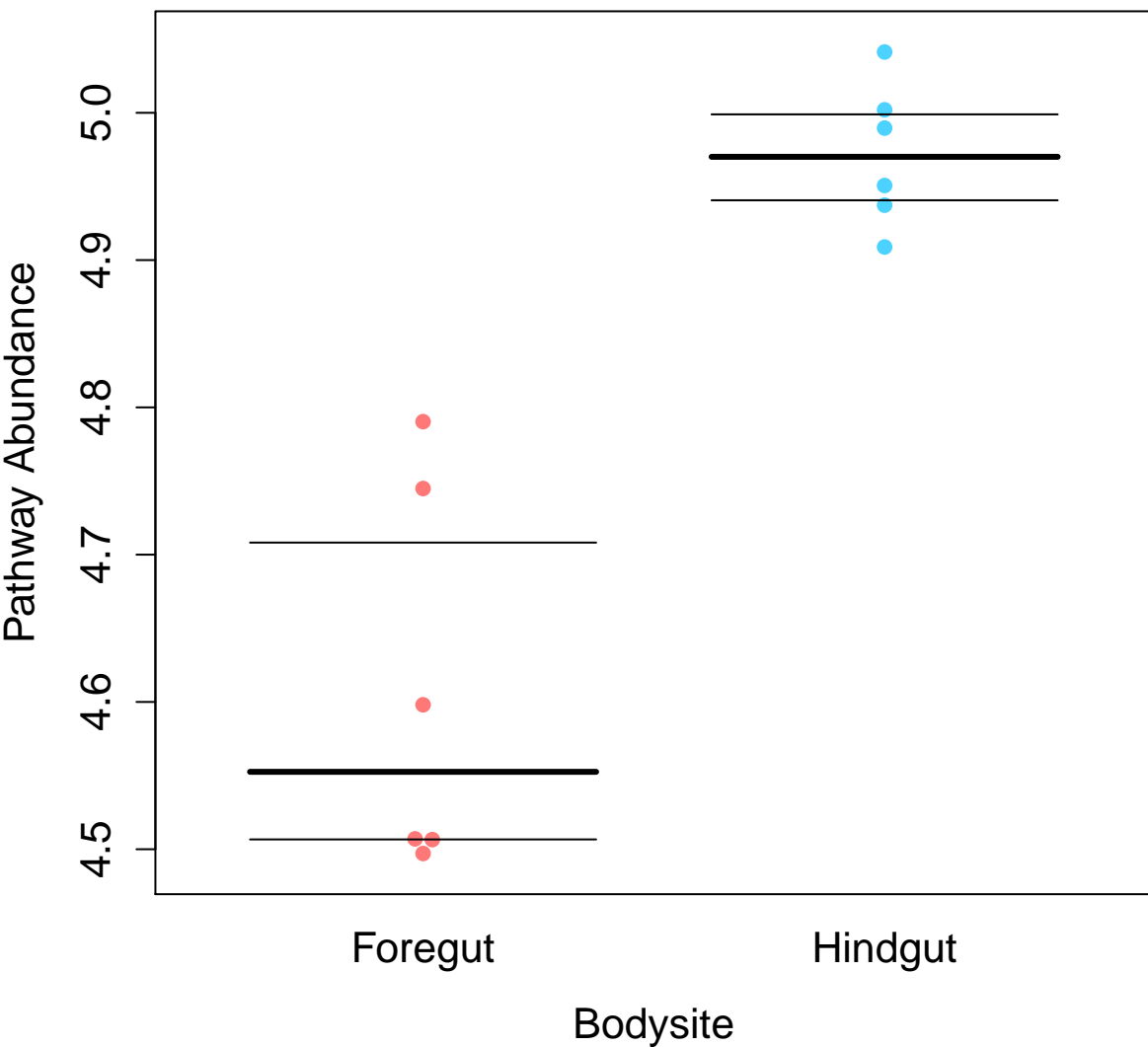
Taurine and hypotaurine metabolism



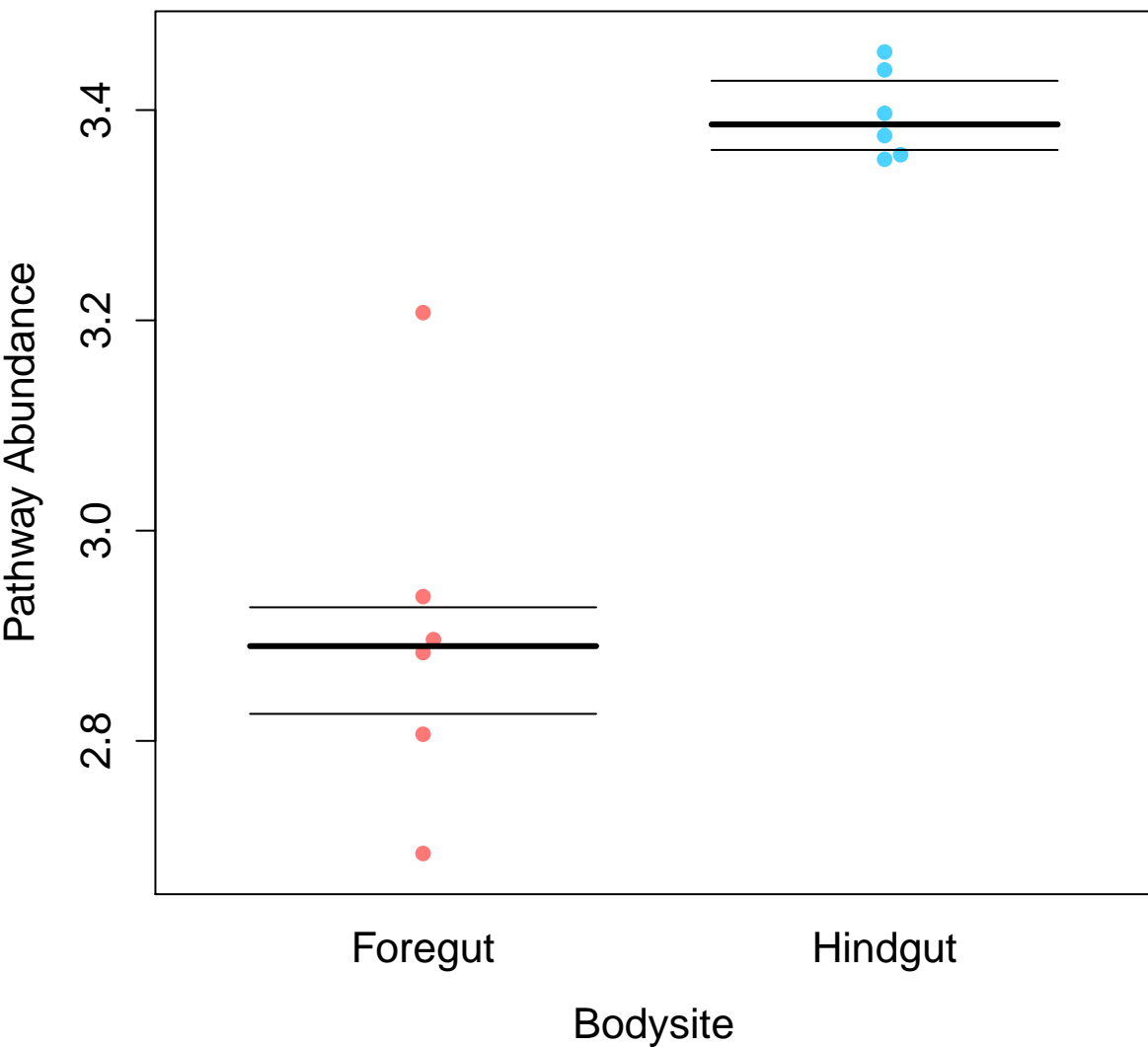
Biotin metabolism



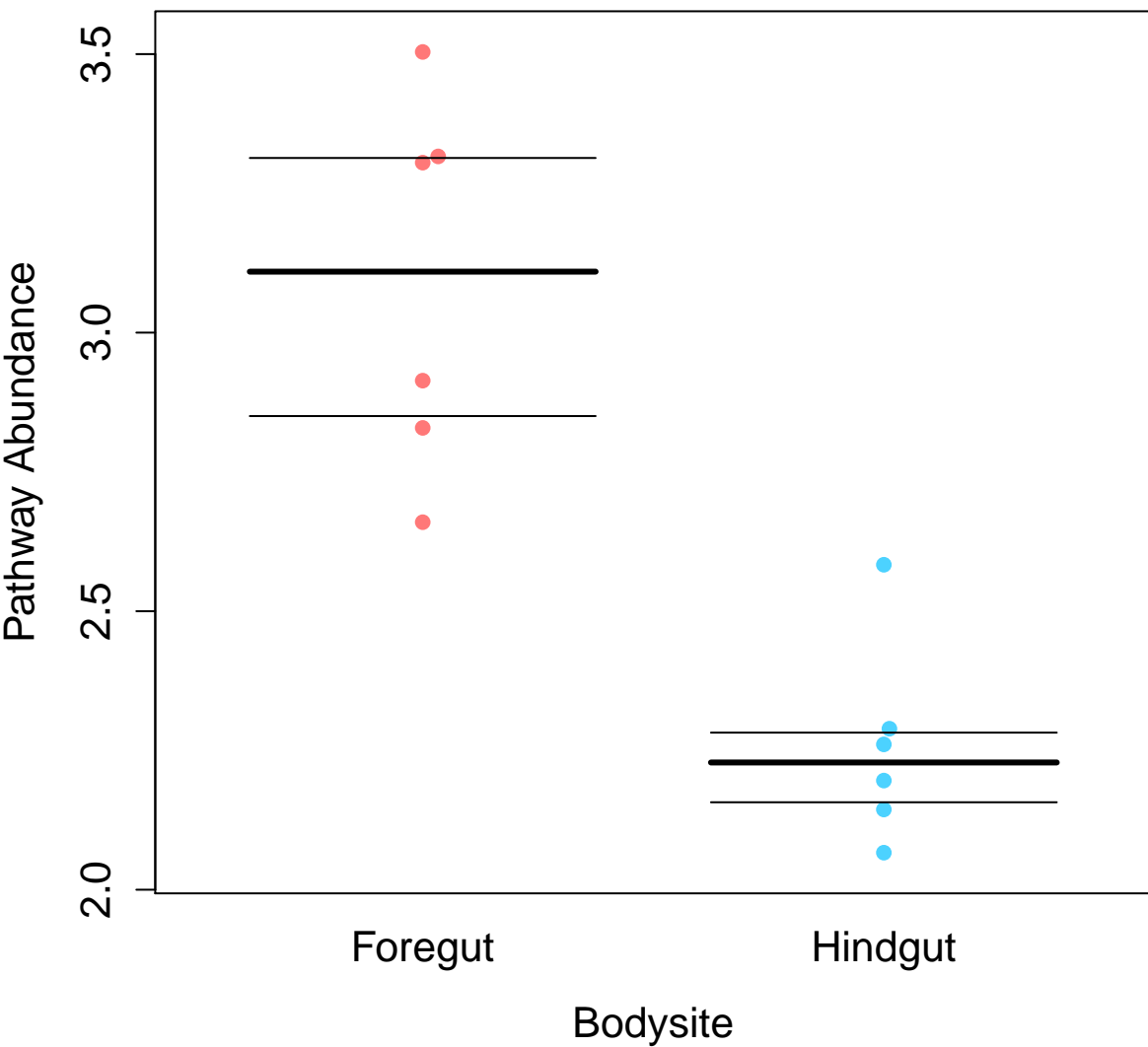
Nitrogen metabolism



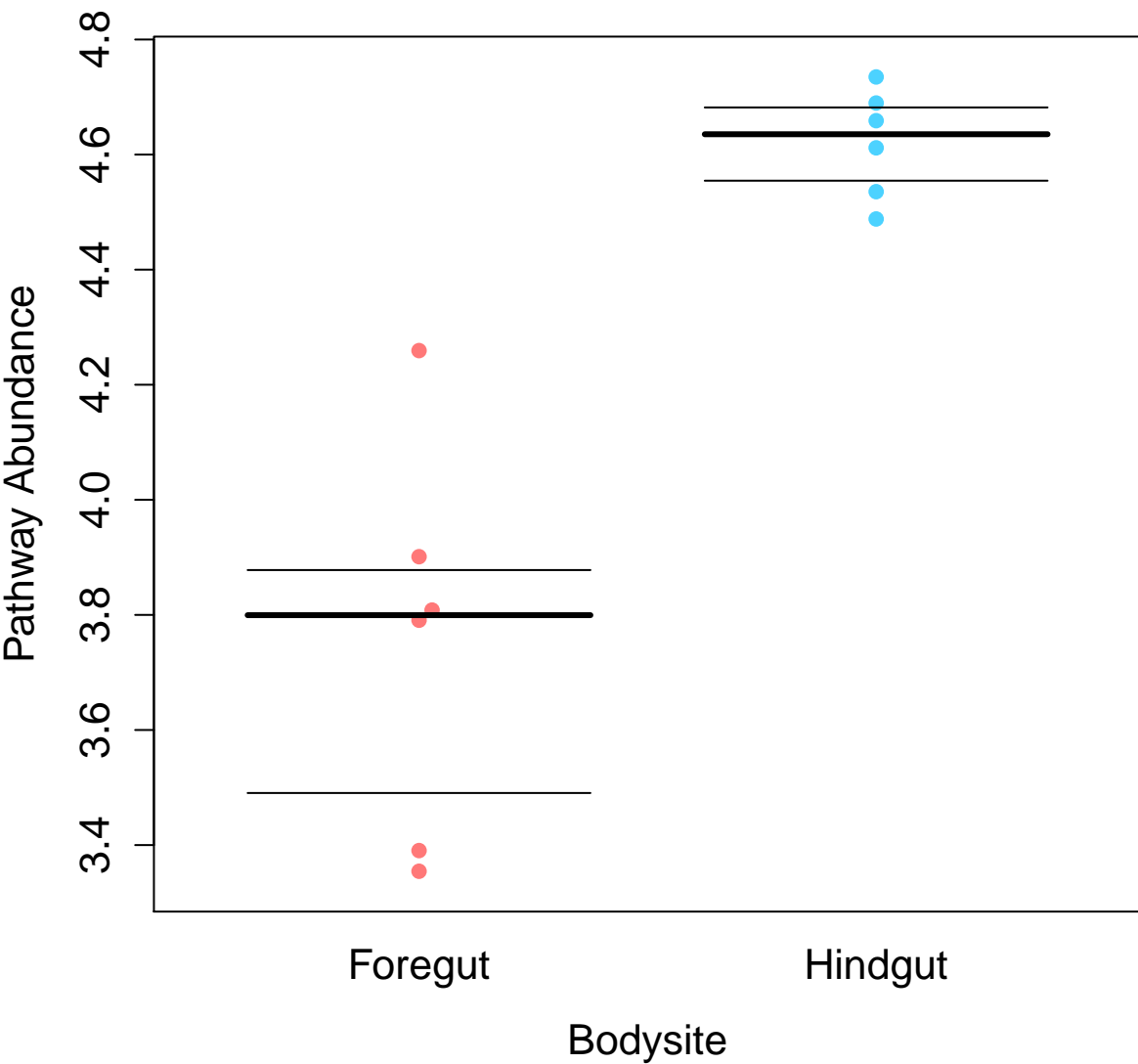
Novobiocin biosynthesis



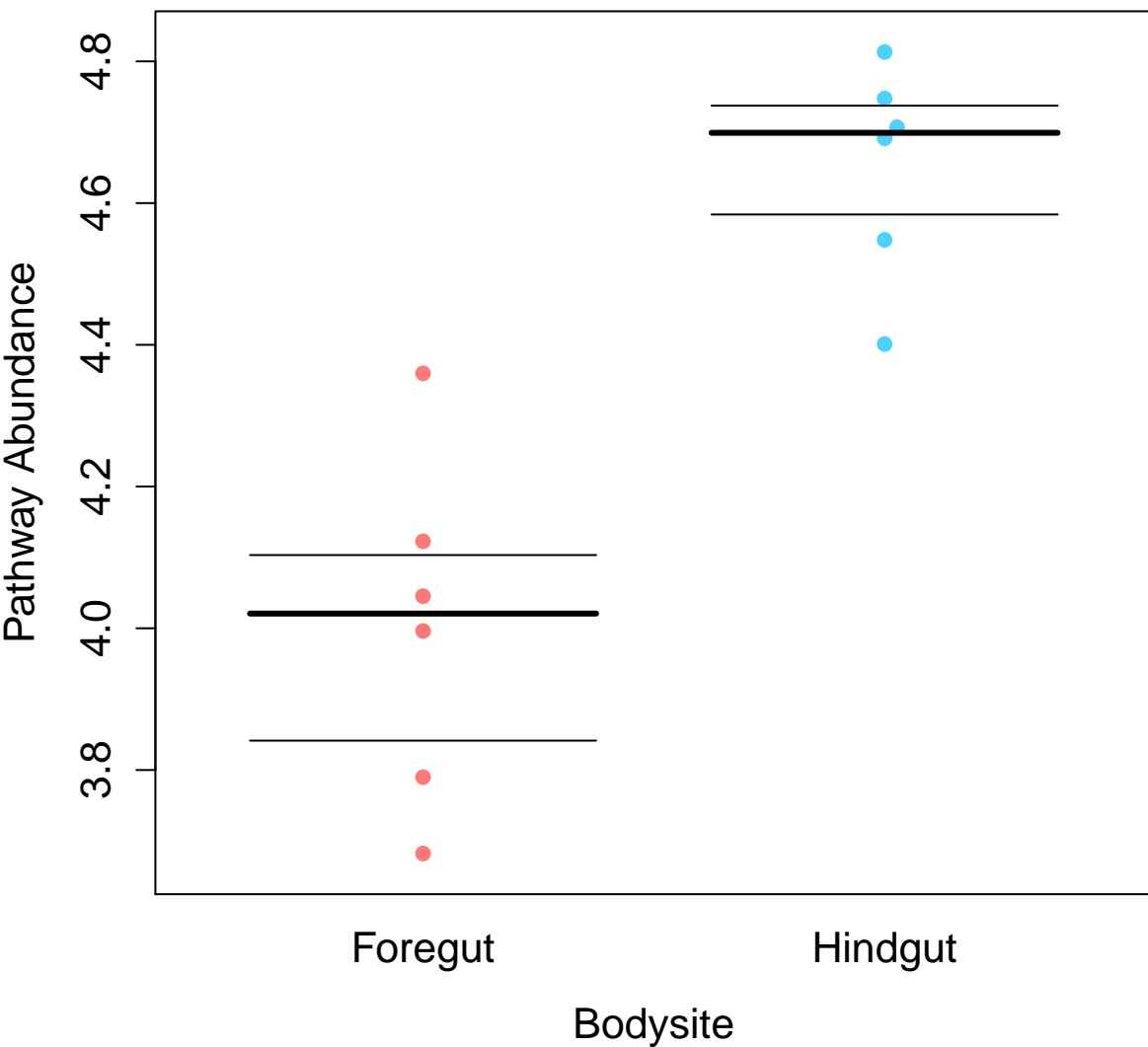
Toluene degradation



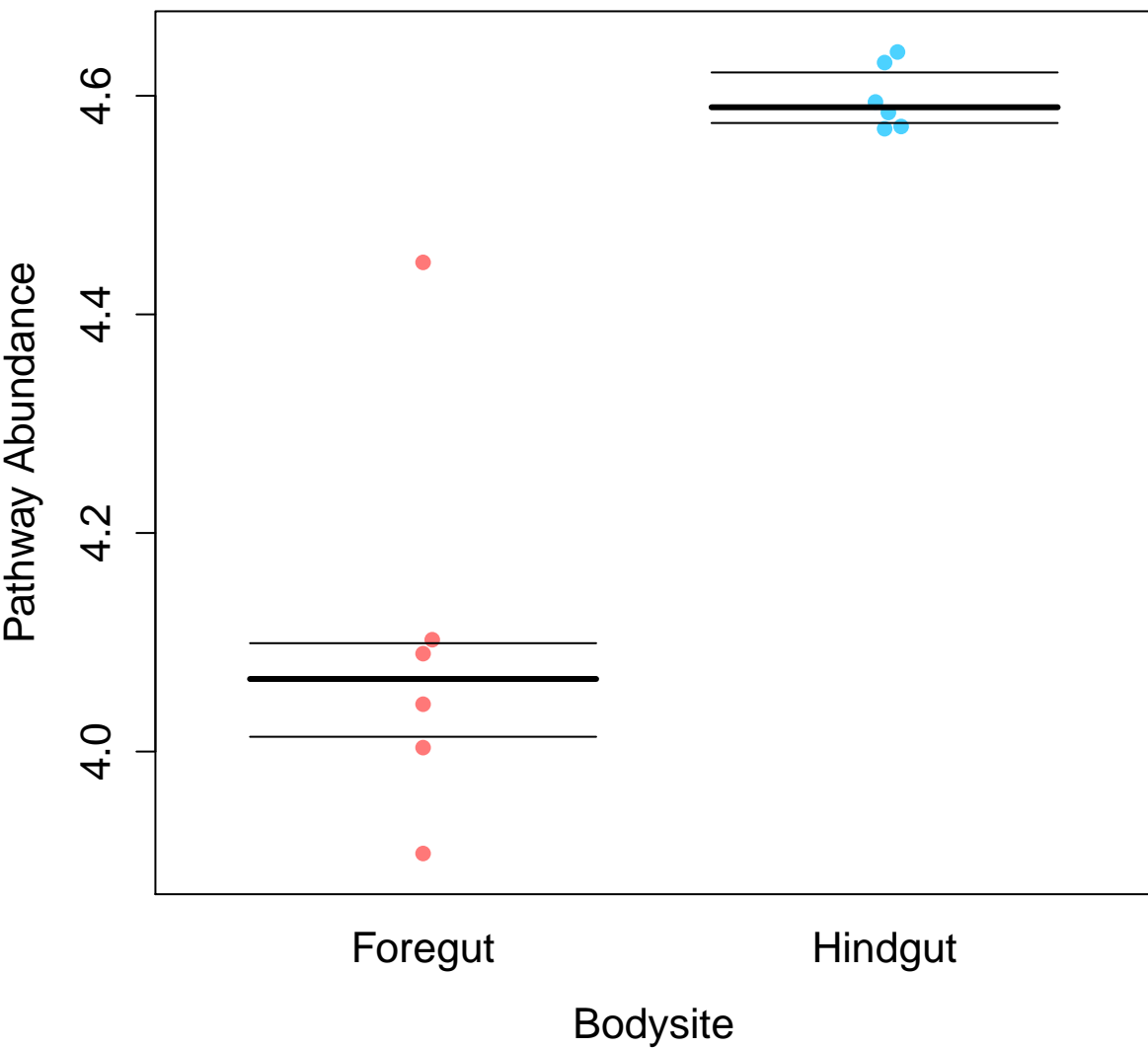
Cytoskeleton proteins



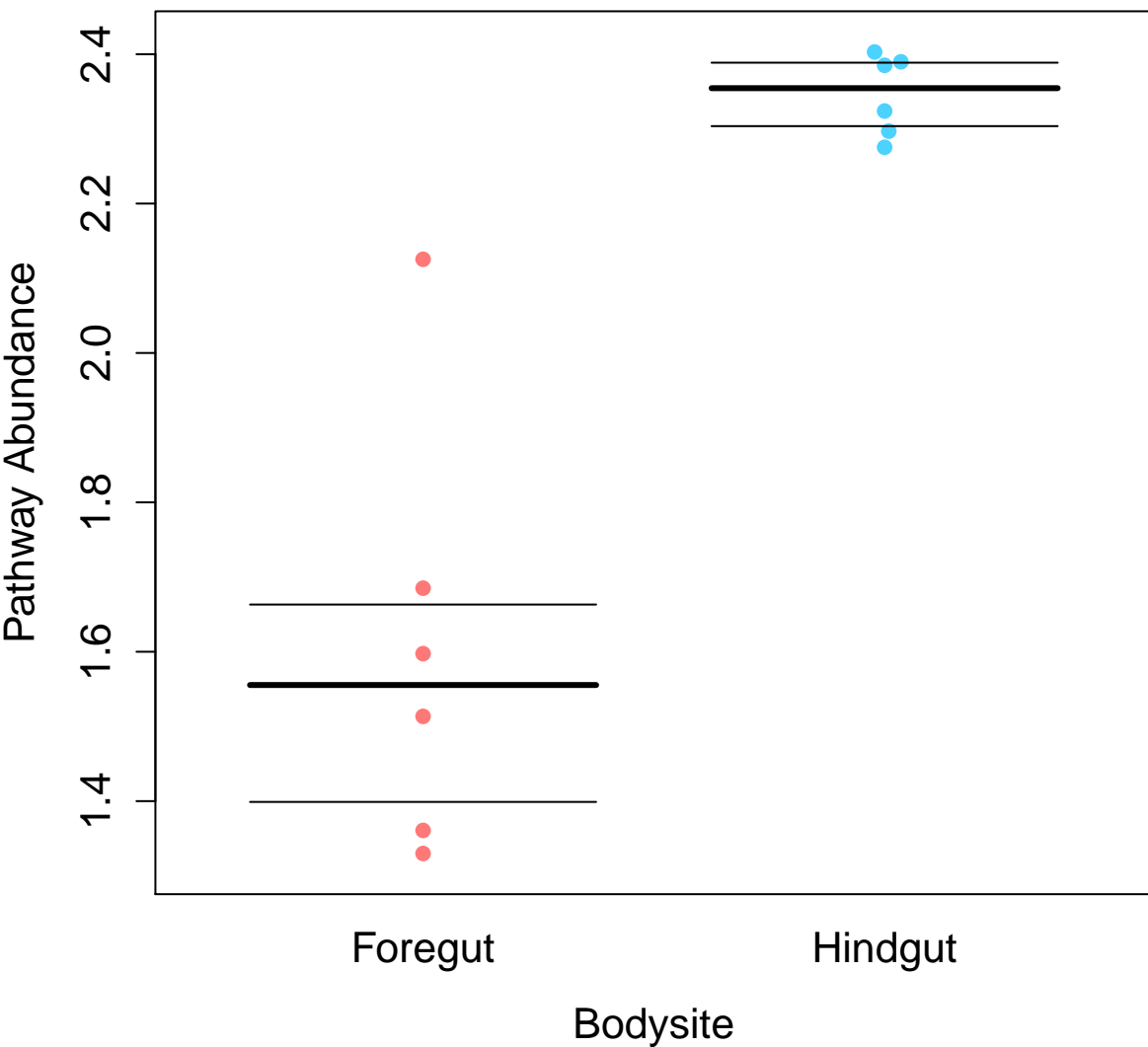
Glycerolipid metabolism



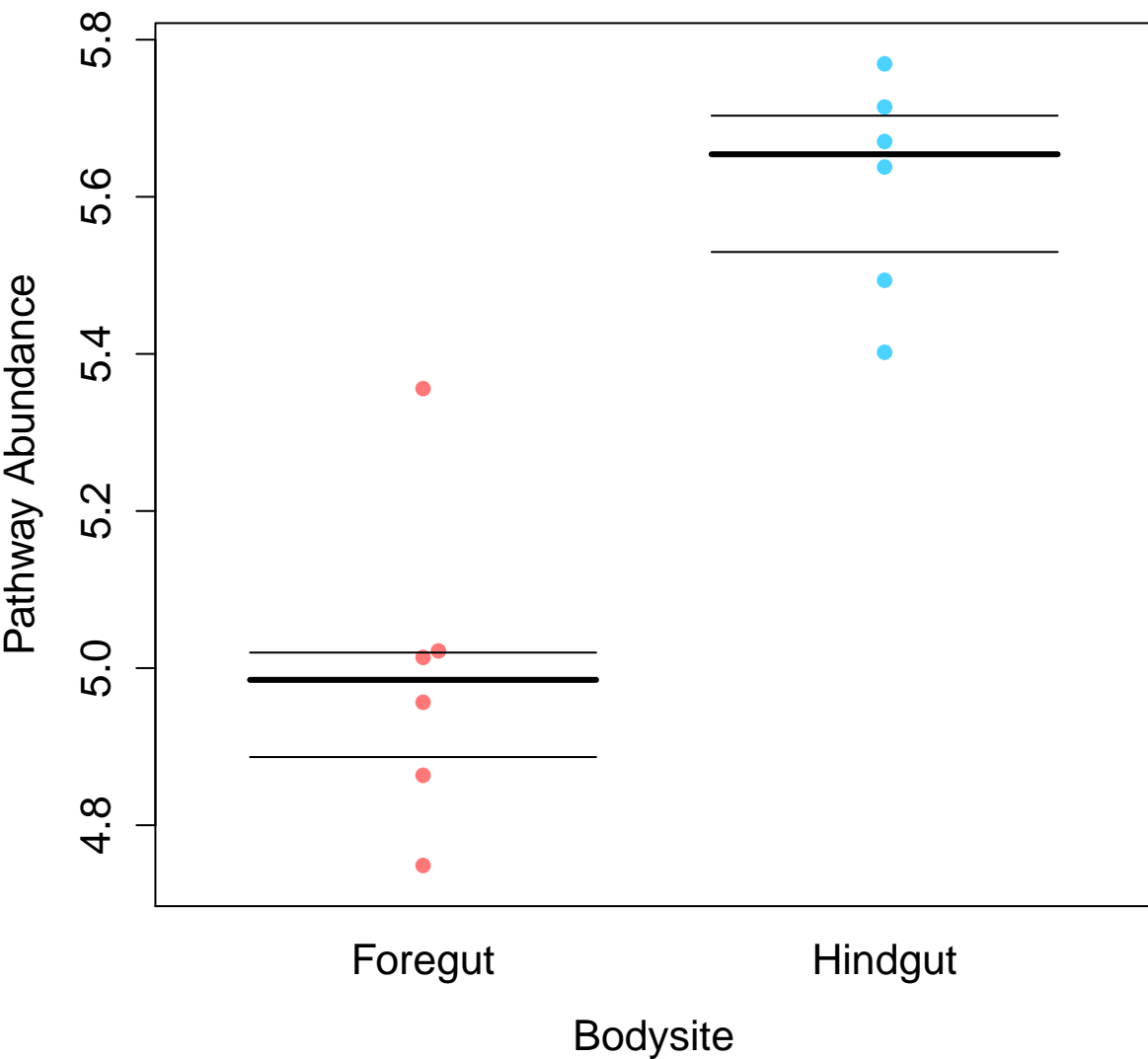
RNA degradation



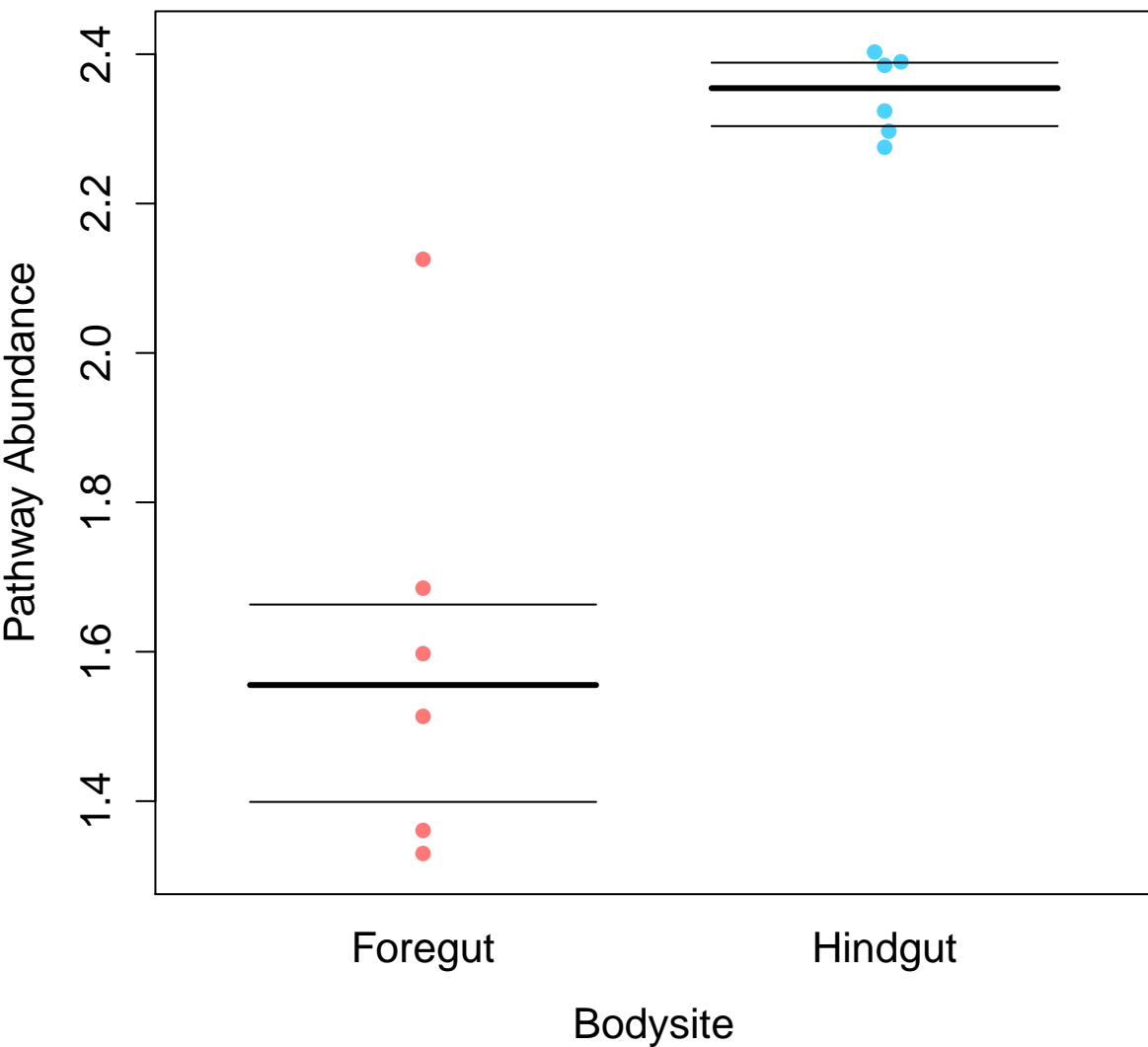
Antigen processing and presentation



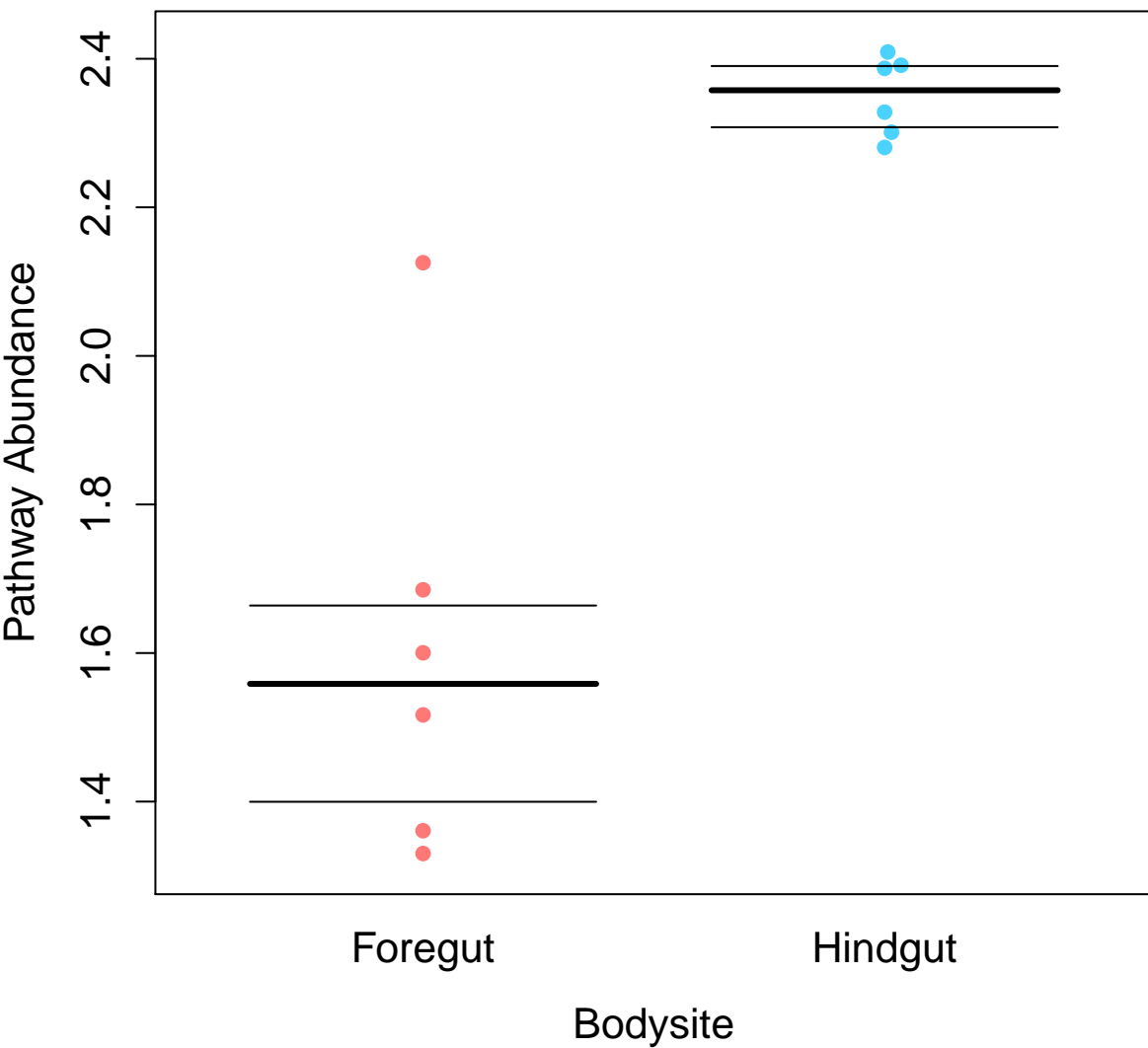
Glycolysis / Gluconeogenesis



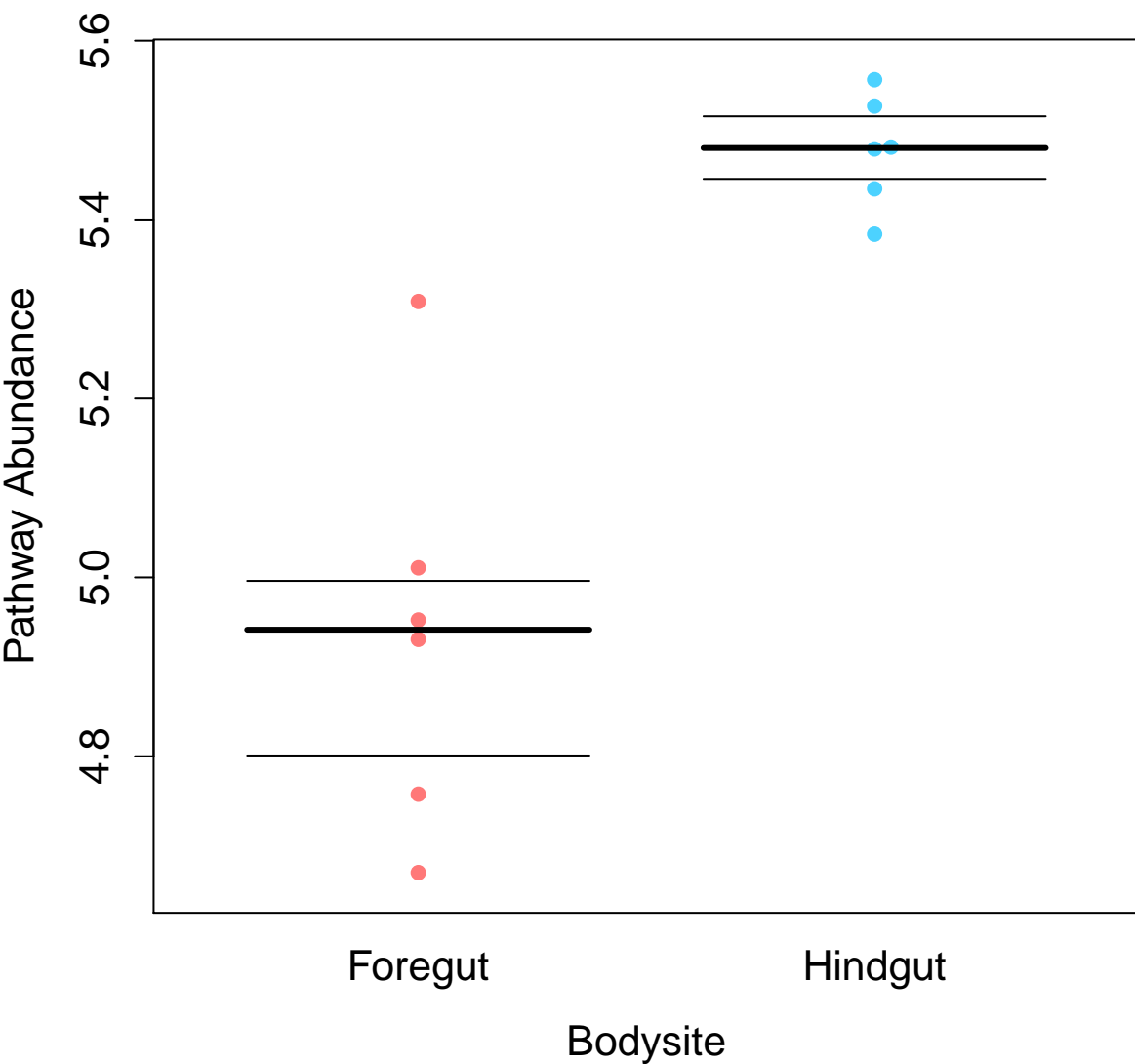
Progesterone-mediated oocyte maturation



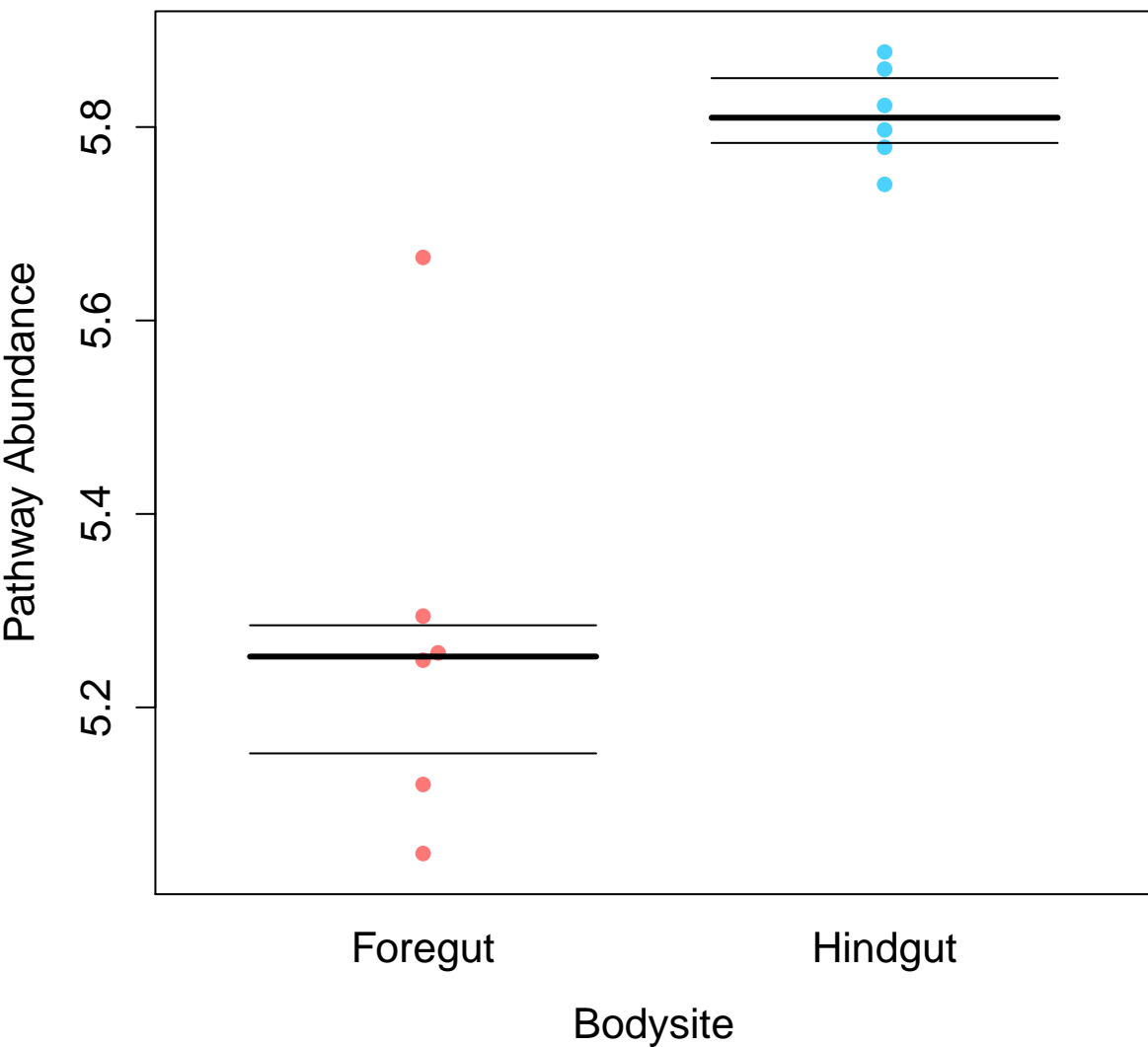
Prostate cancer



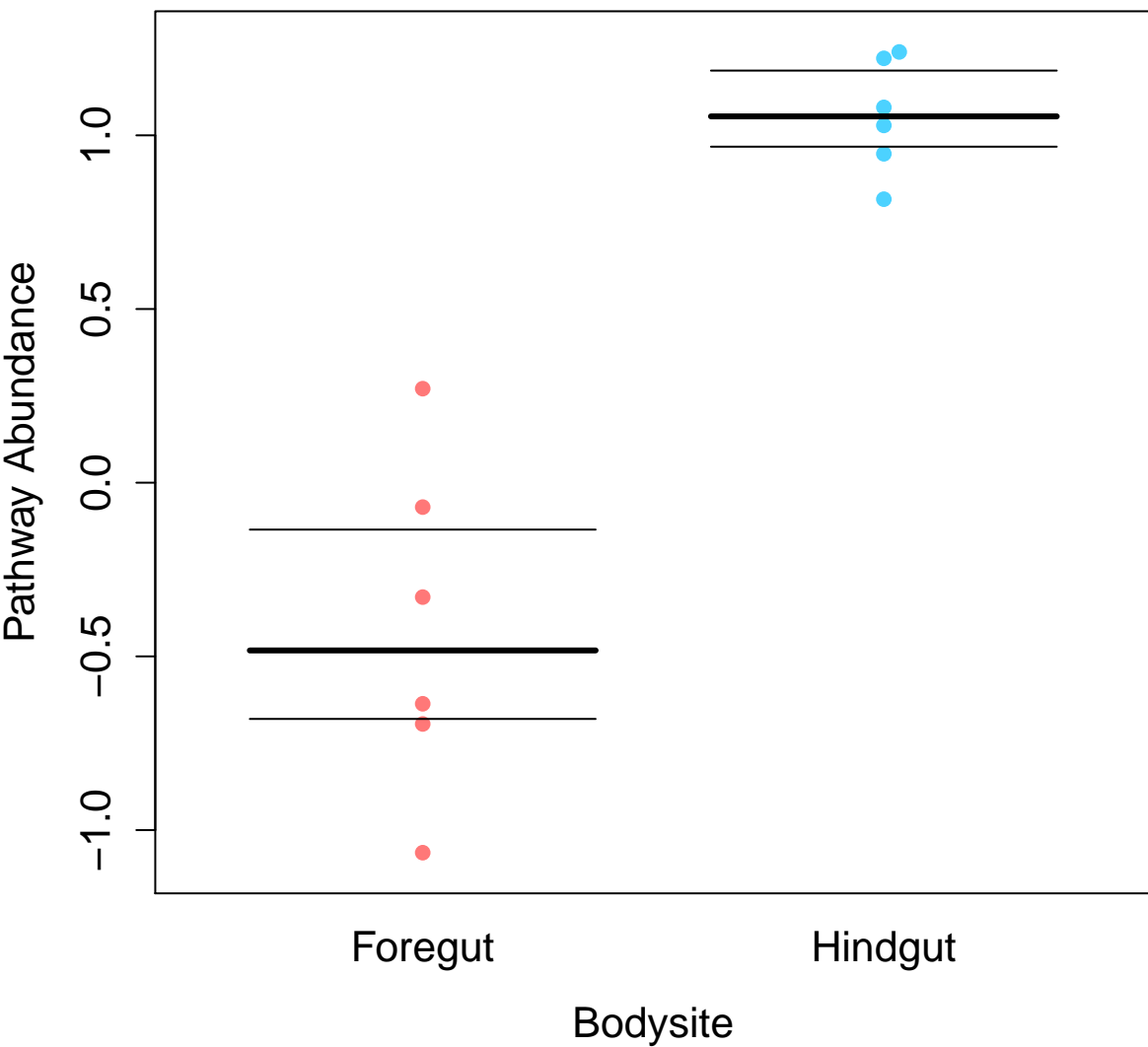
Alanine, aspartate and glutamate metabolism



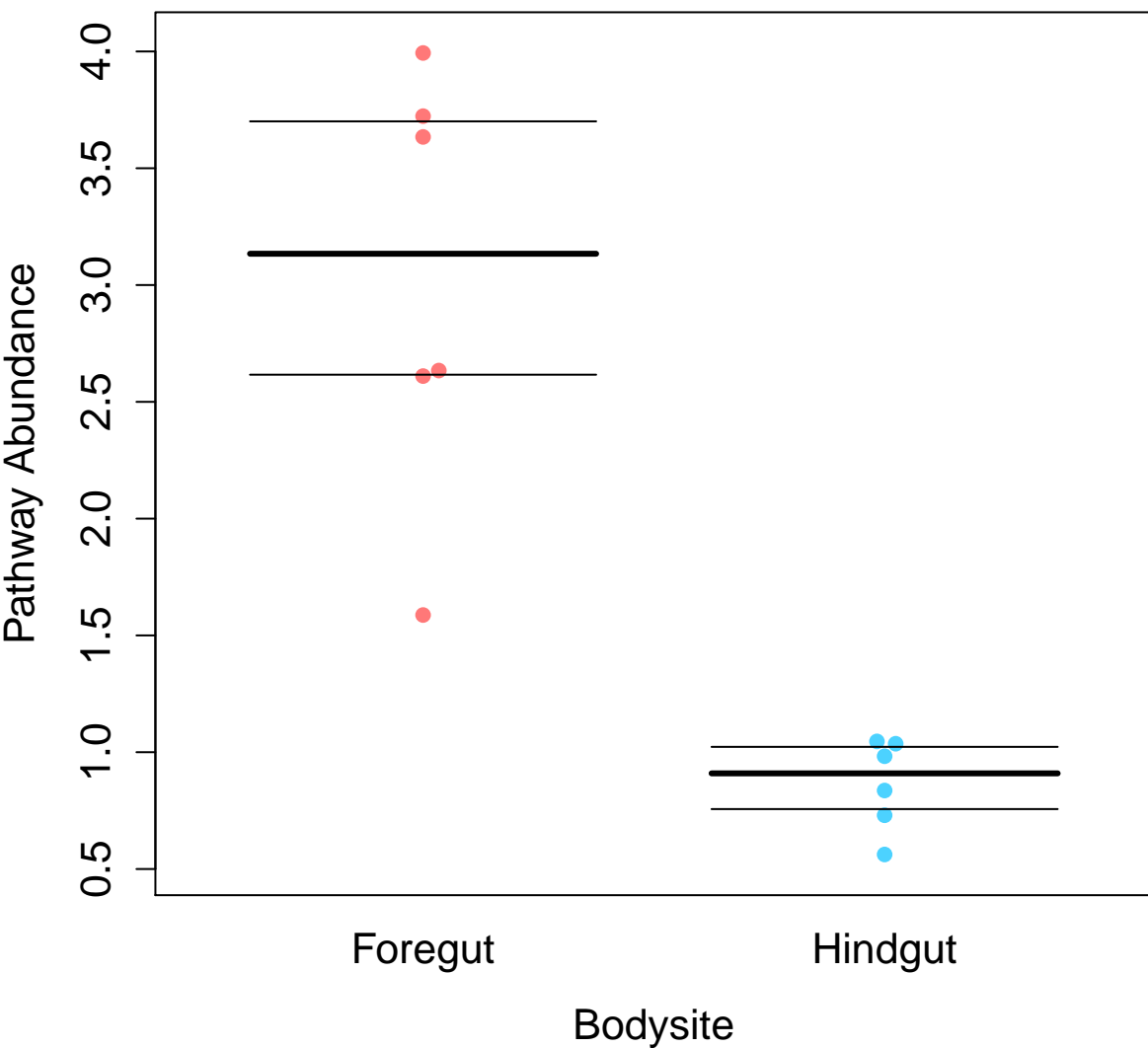
Amino acid related enzymes



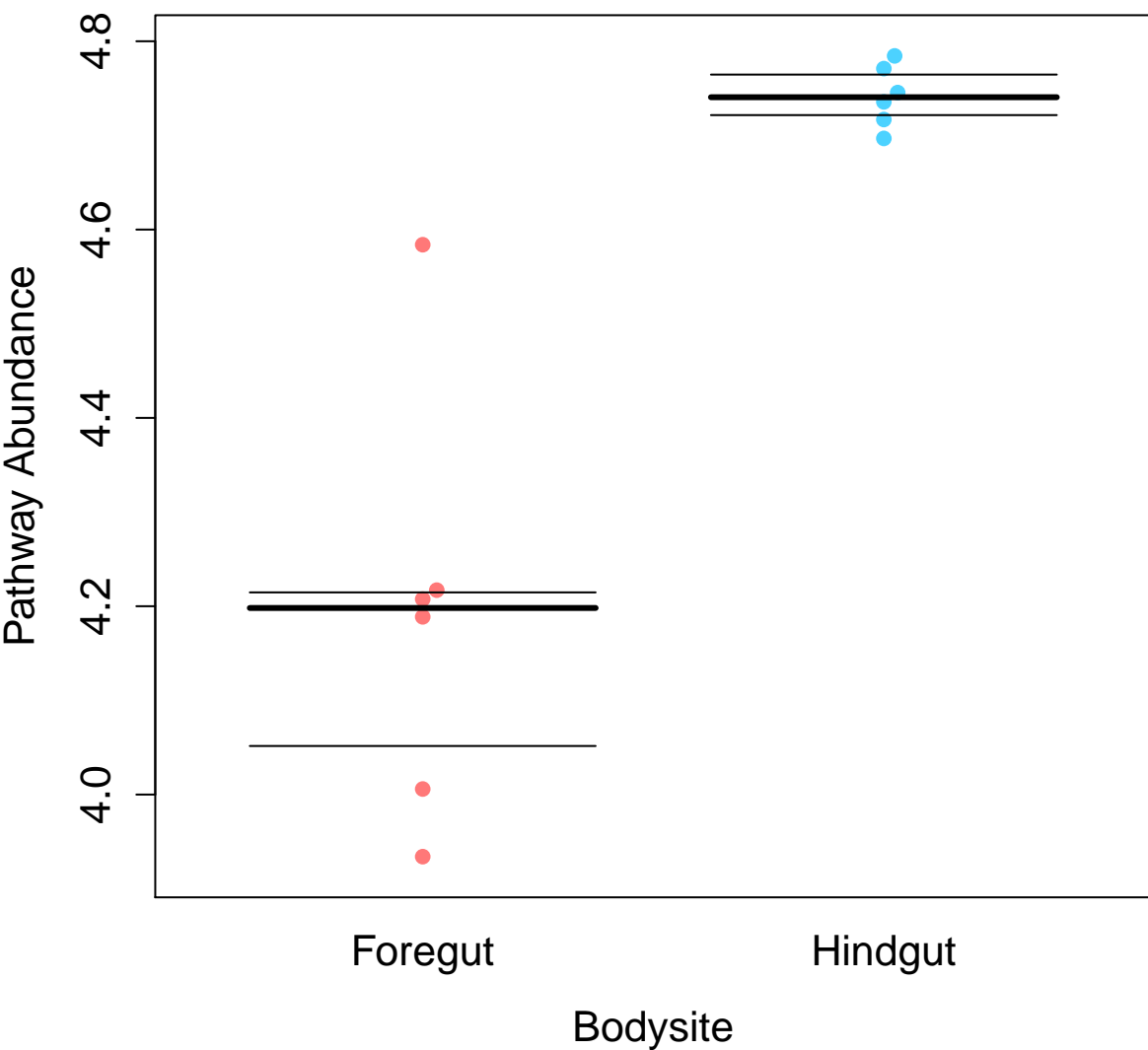
Amoebiasis



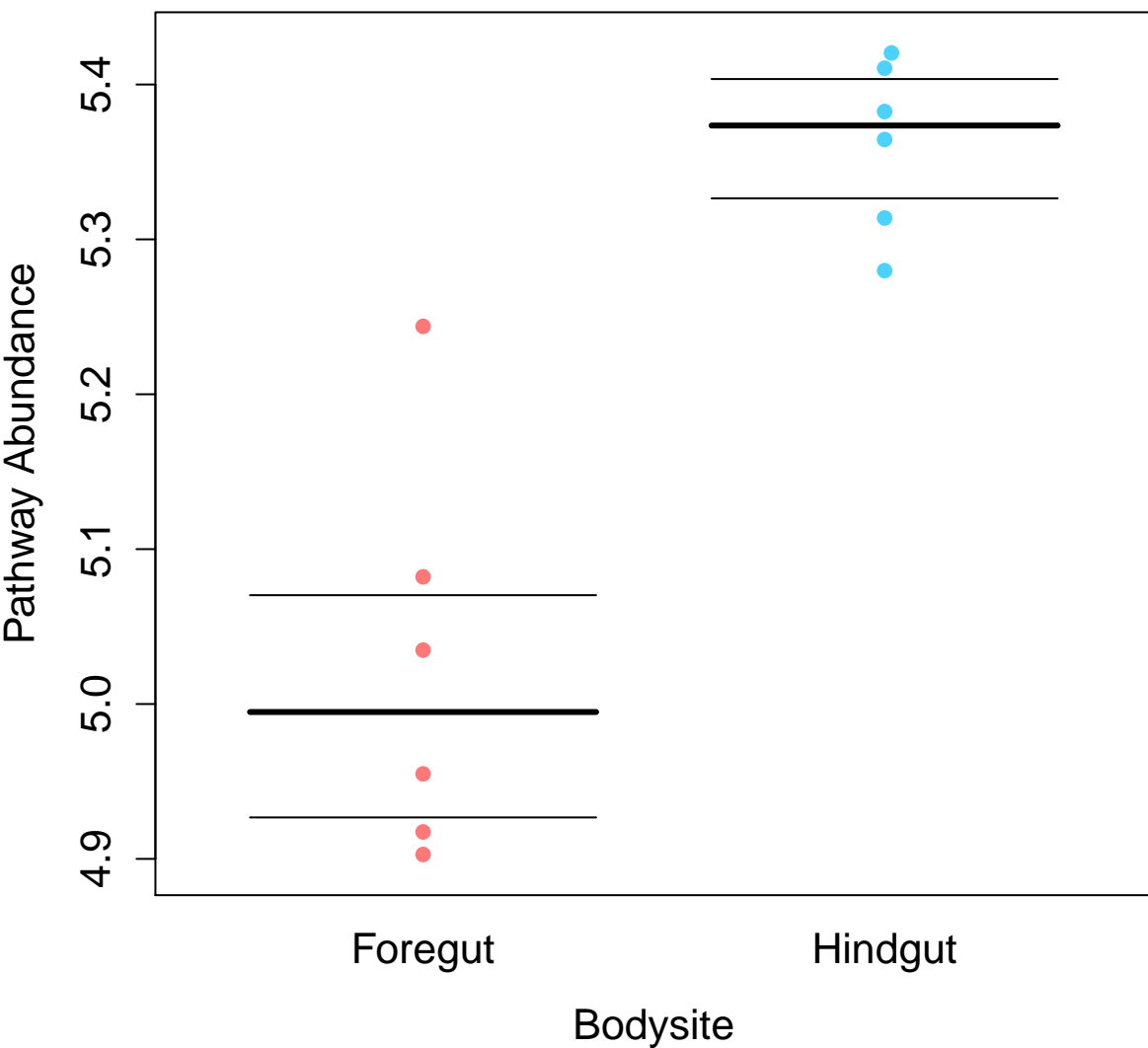
Caprolactam degradation



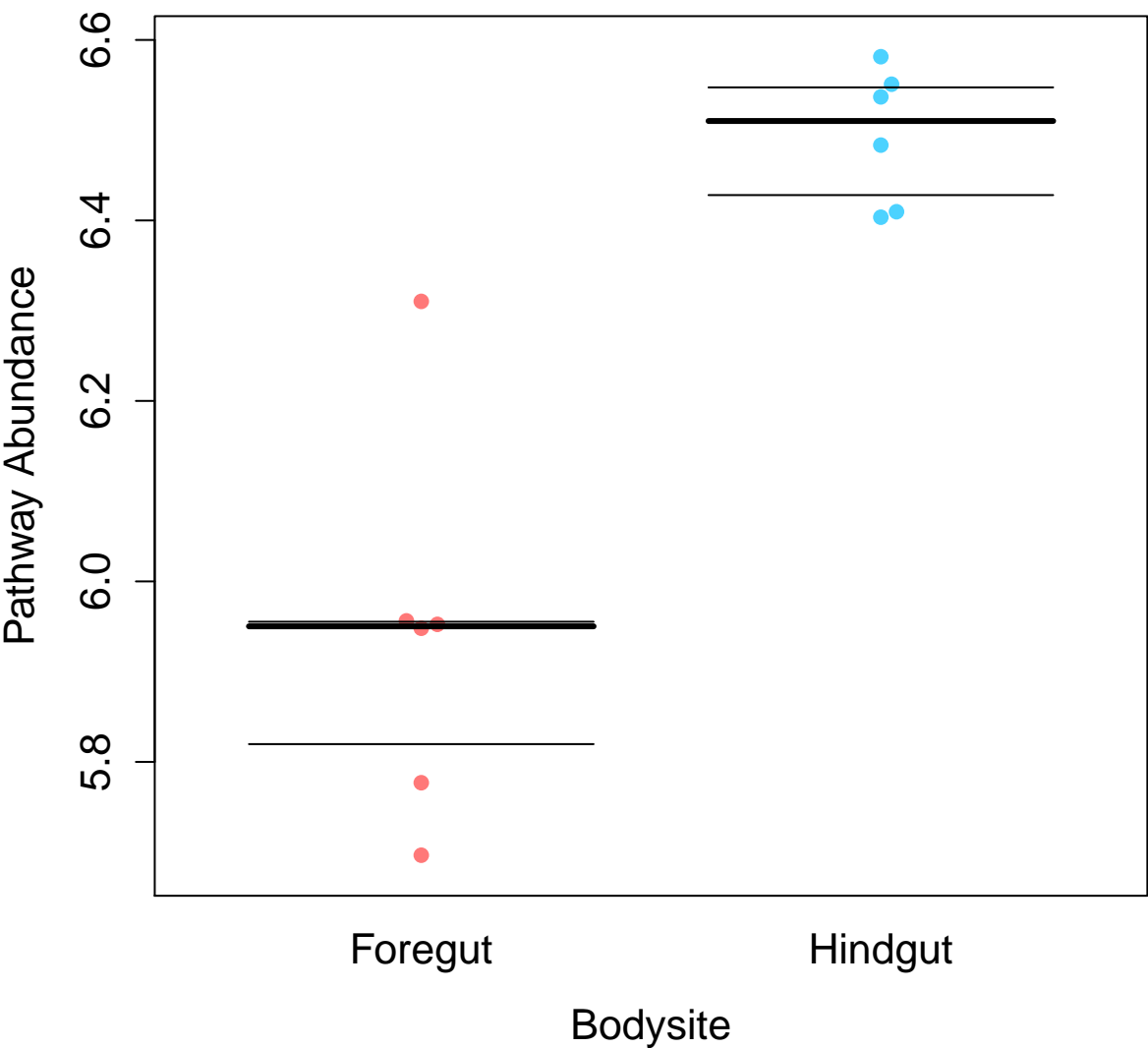
Cell cycle – Caulobacter



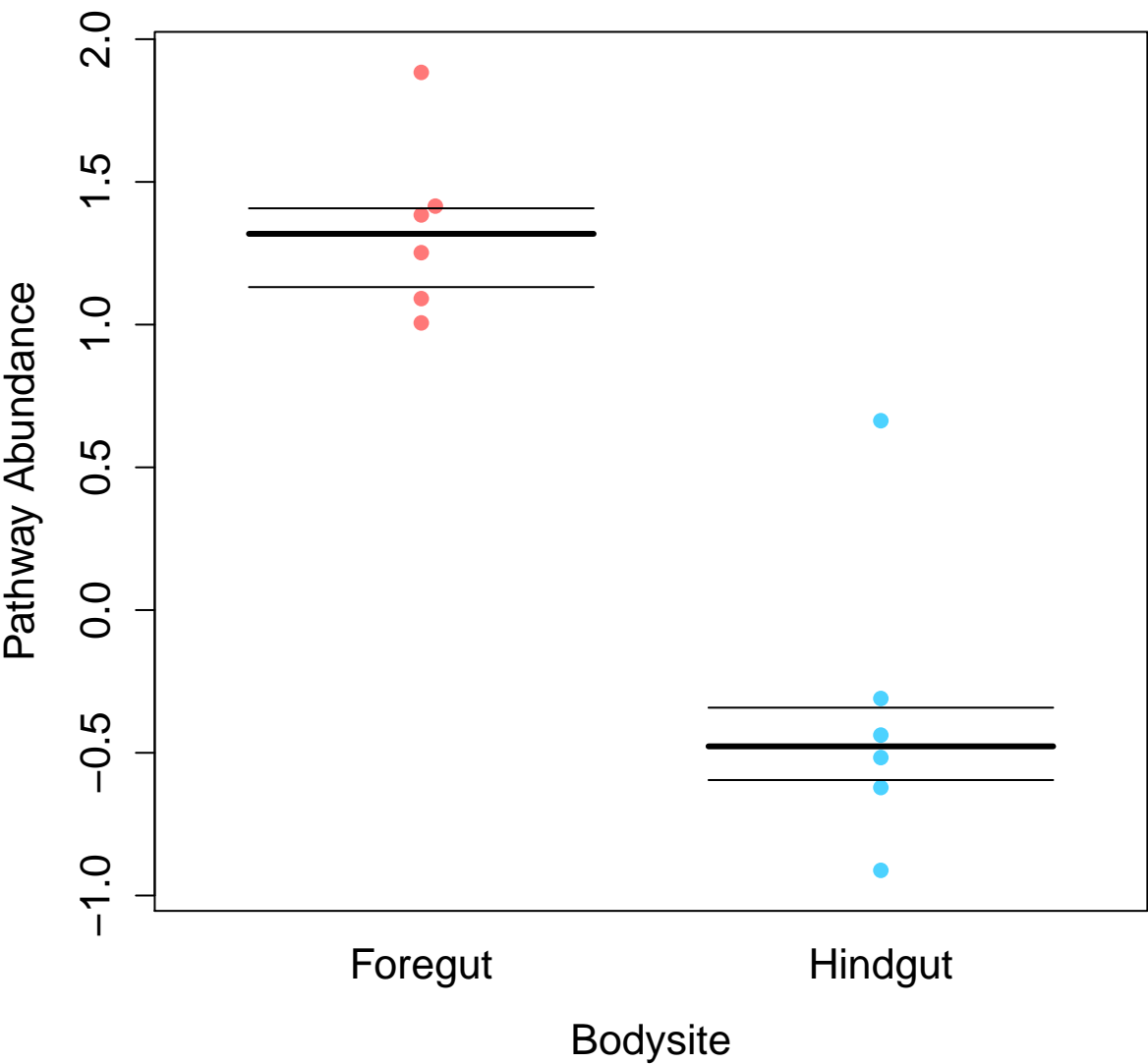
Chaperones and folding catalysts



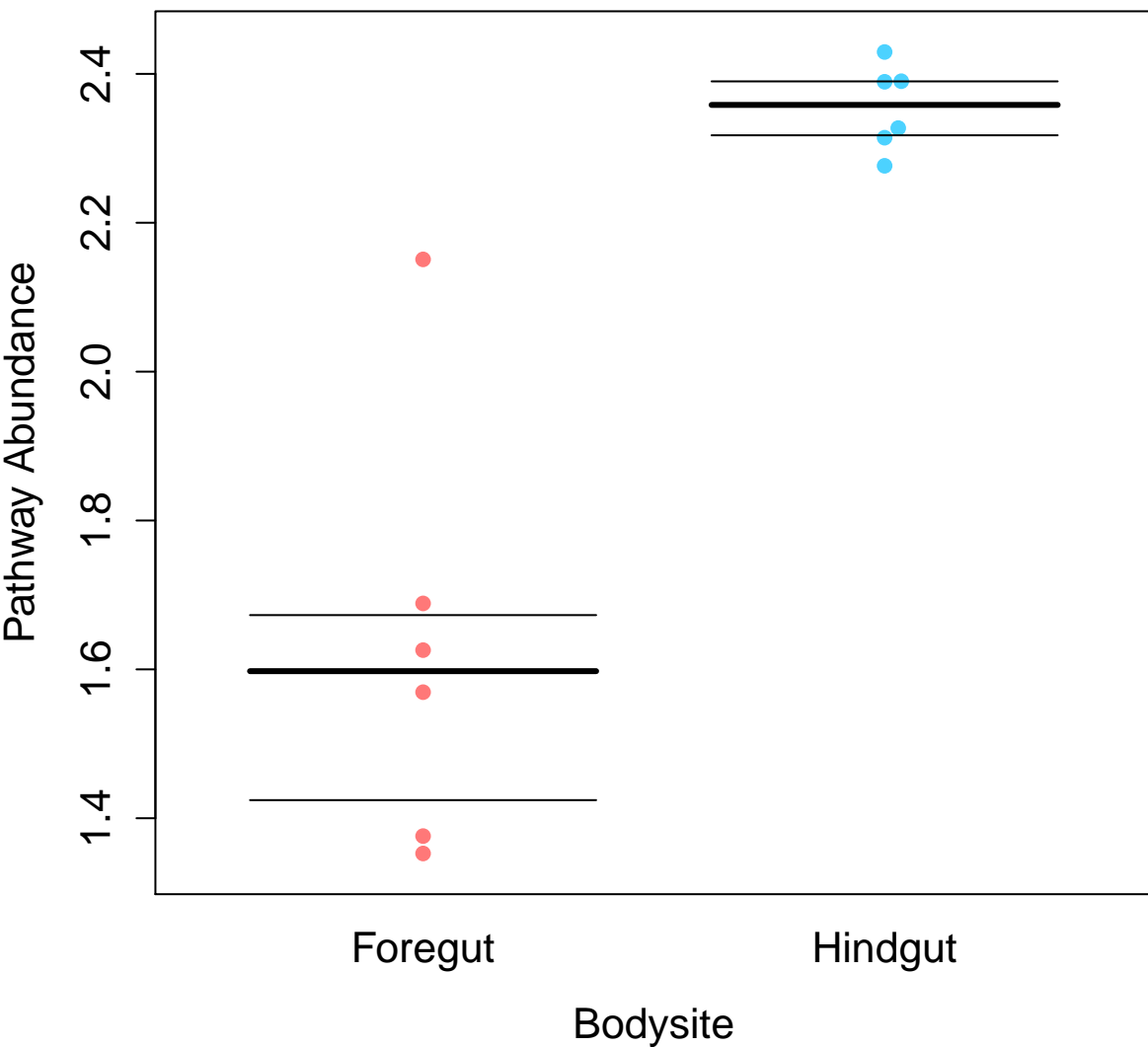
DNA repair and recombination proteins



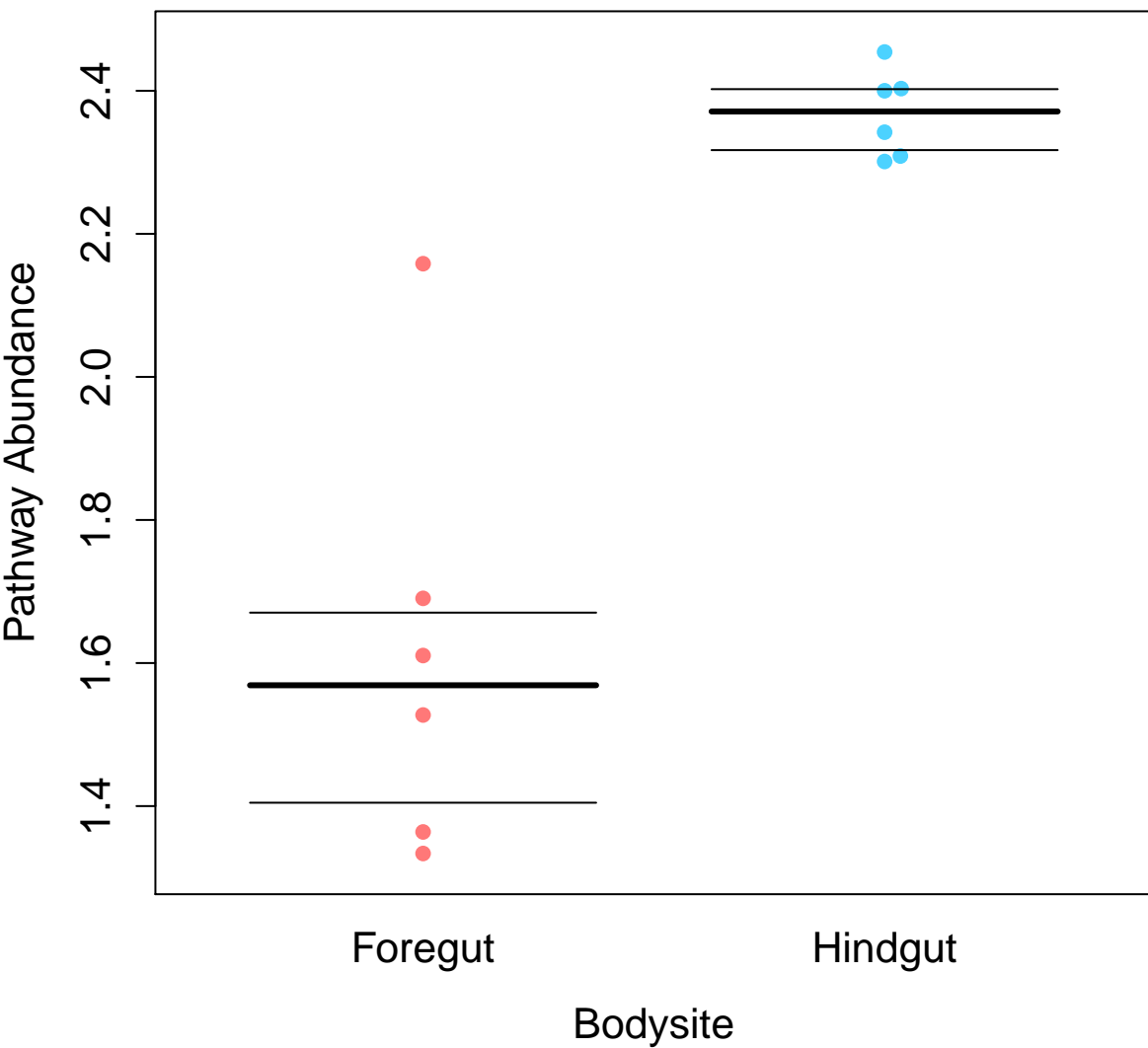
Ion channels



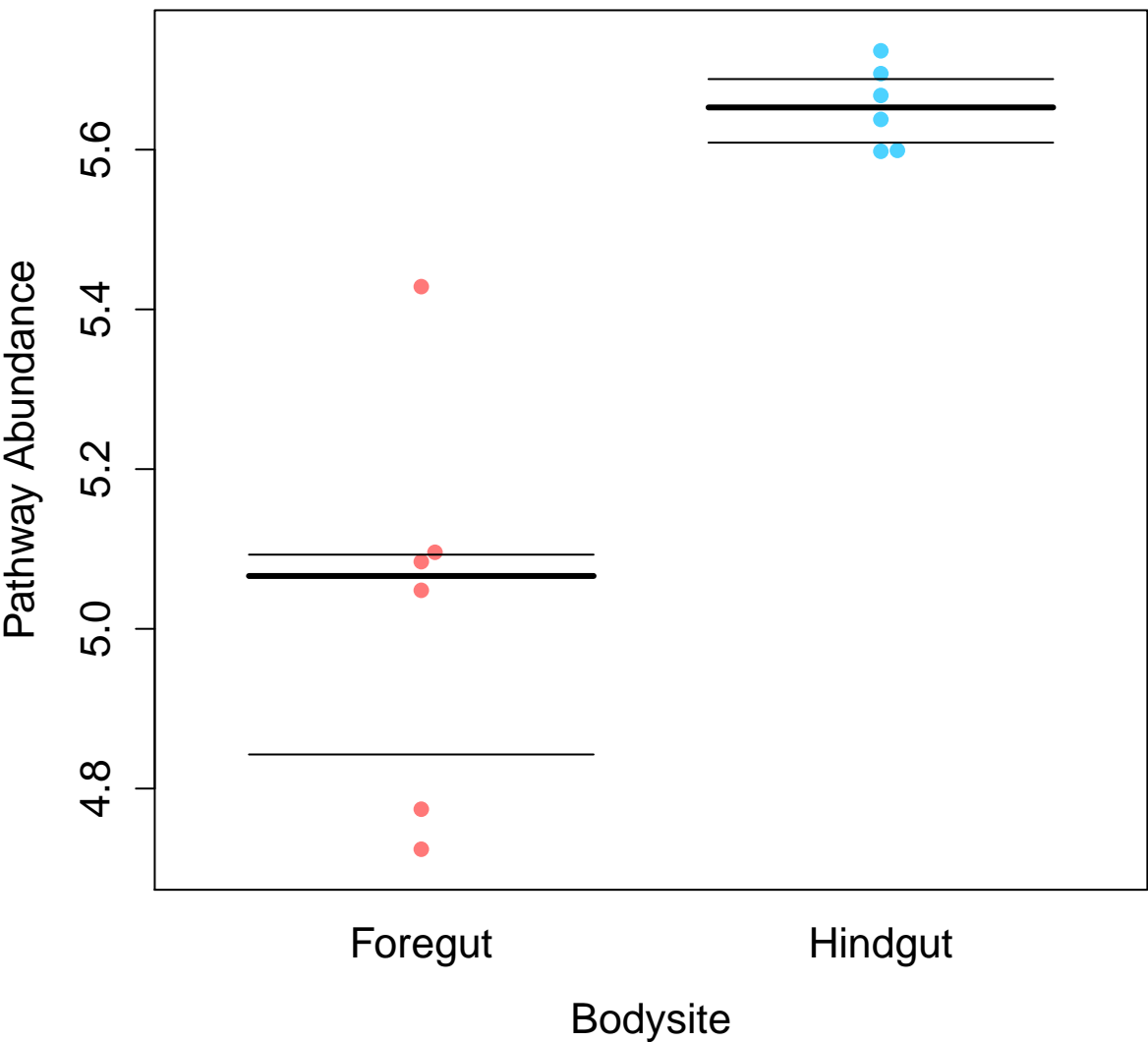
NOD-like receptor signaling pathway



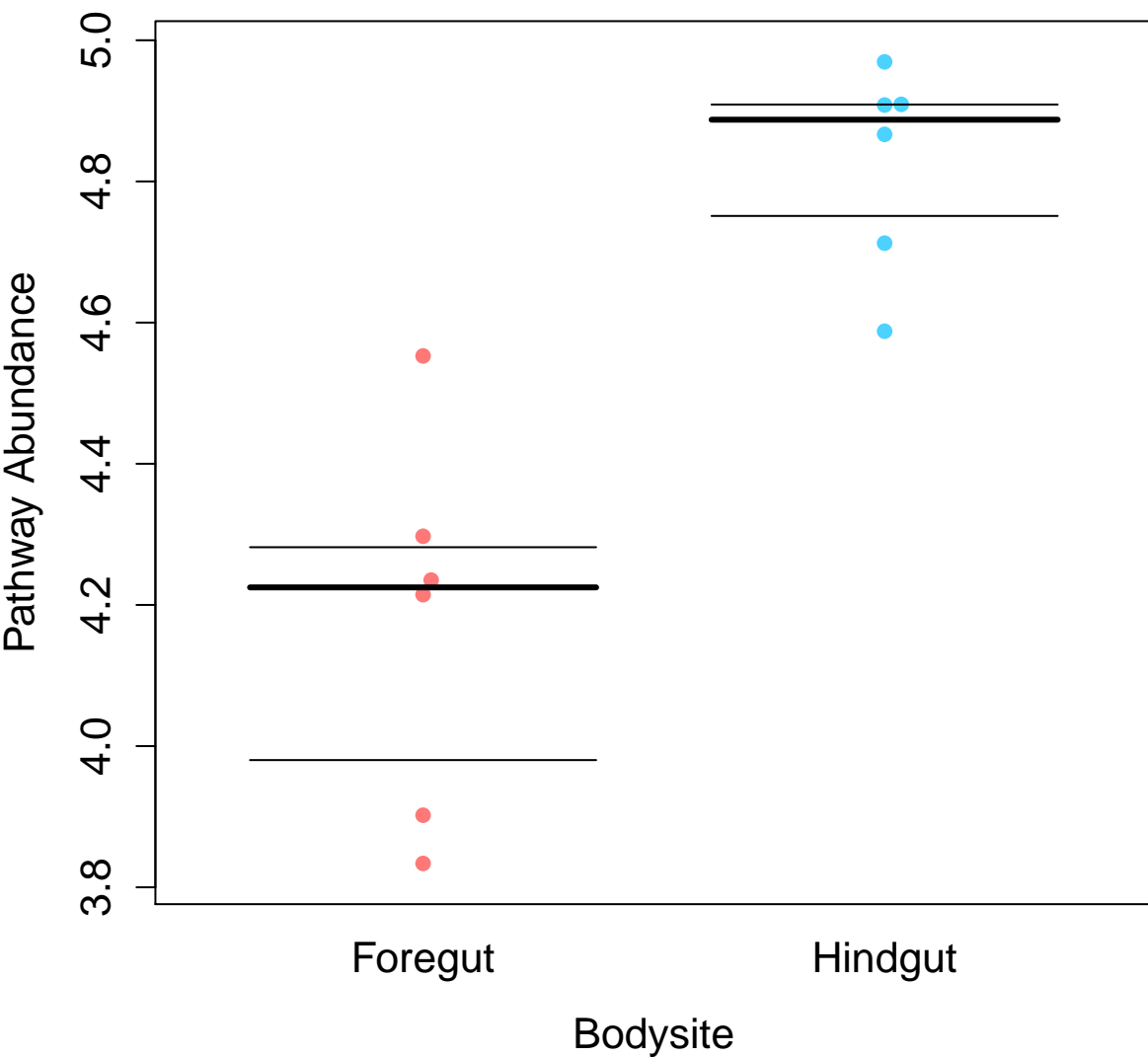
Proteasome



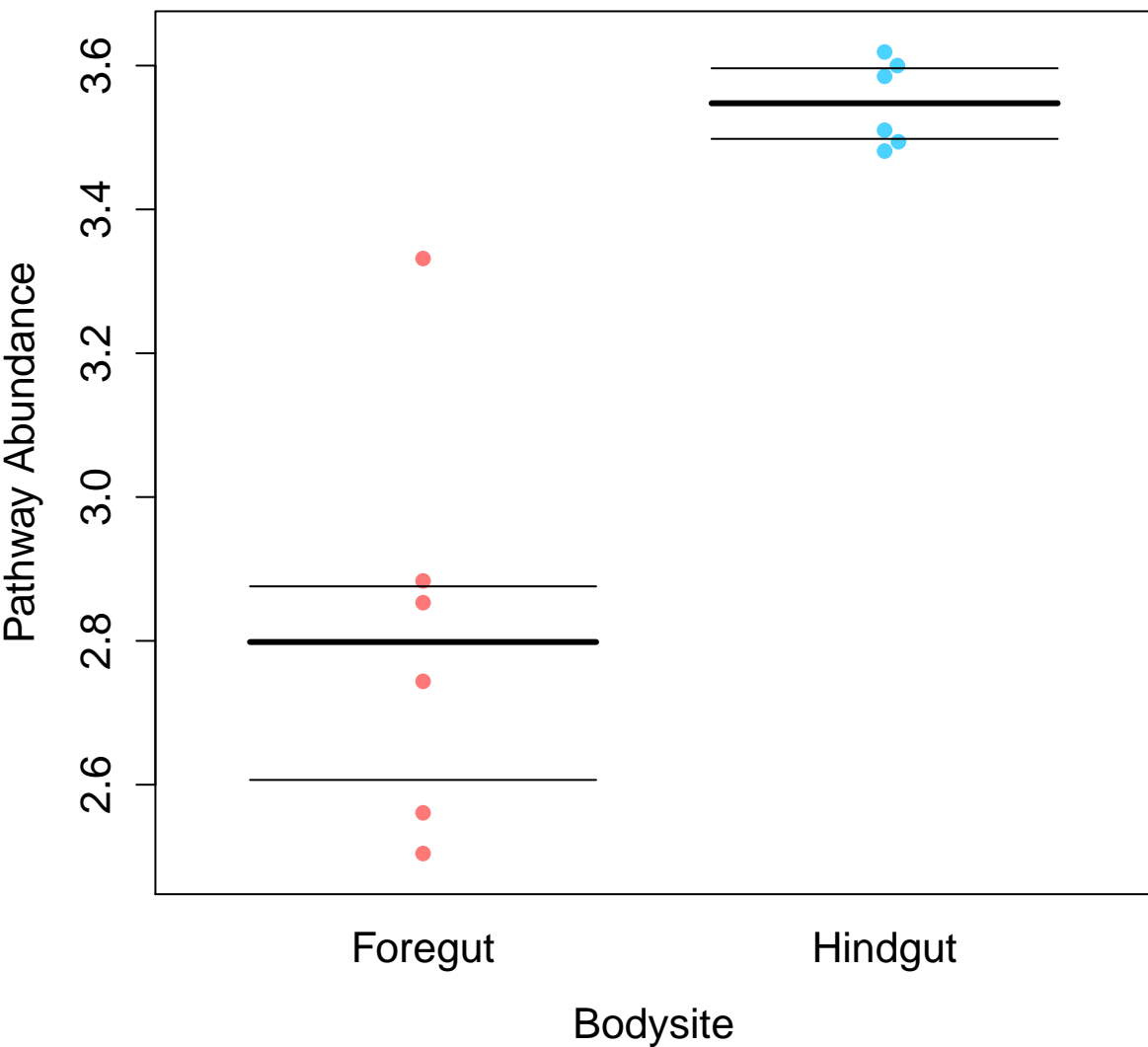
DNA replication proteins



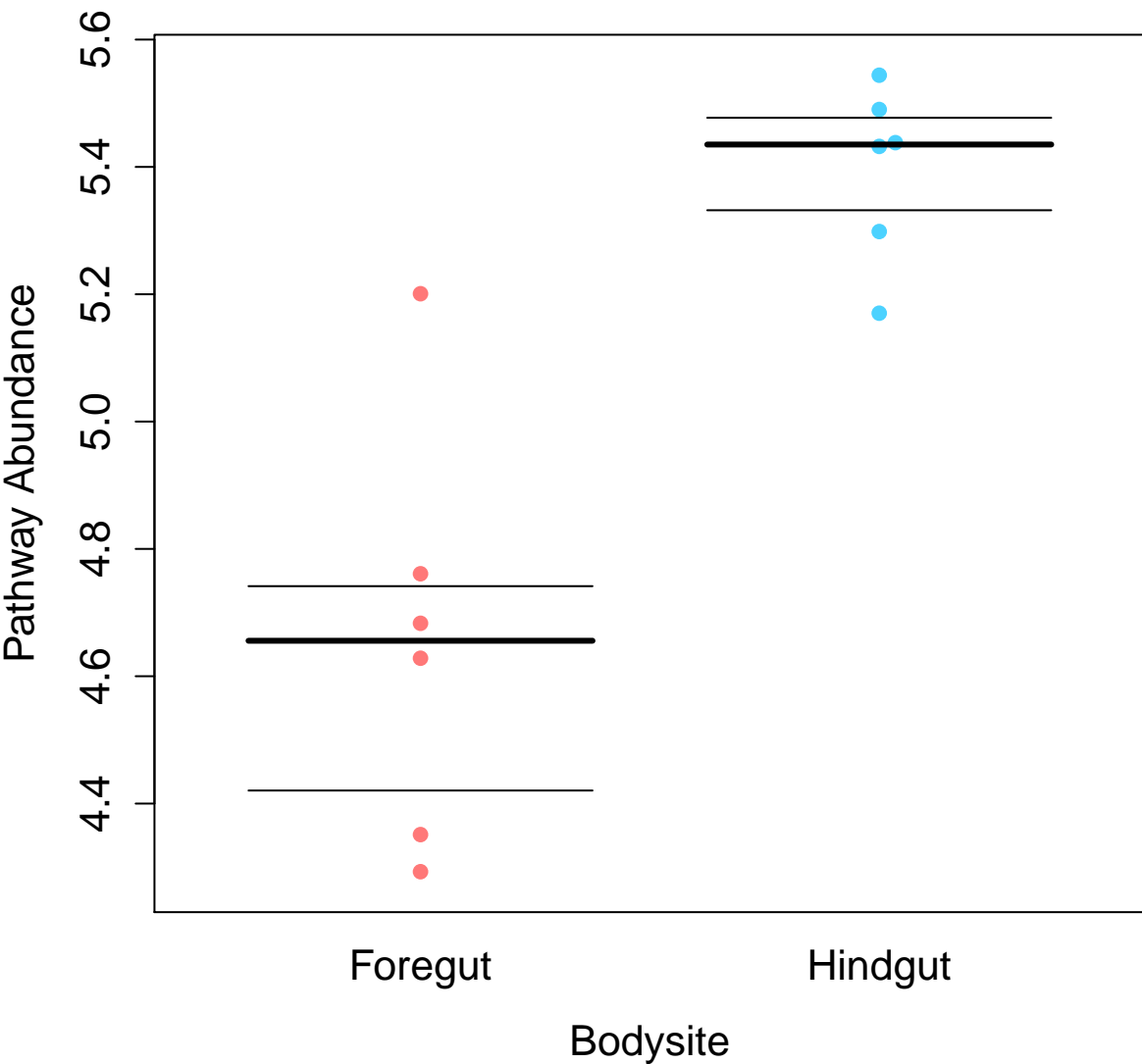
Pentose and glucuronate interconversions



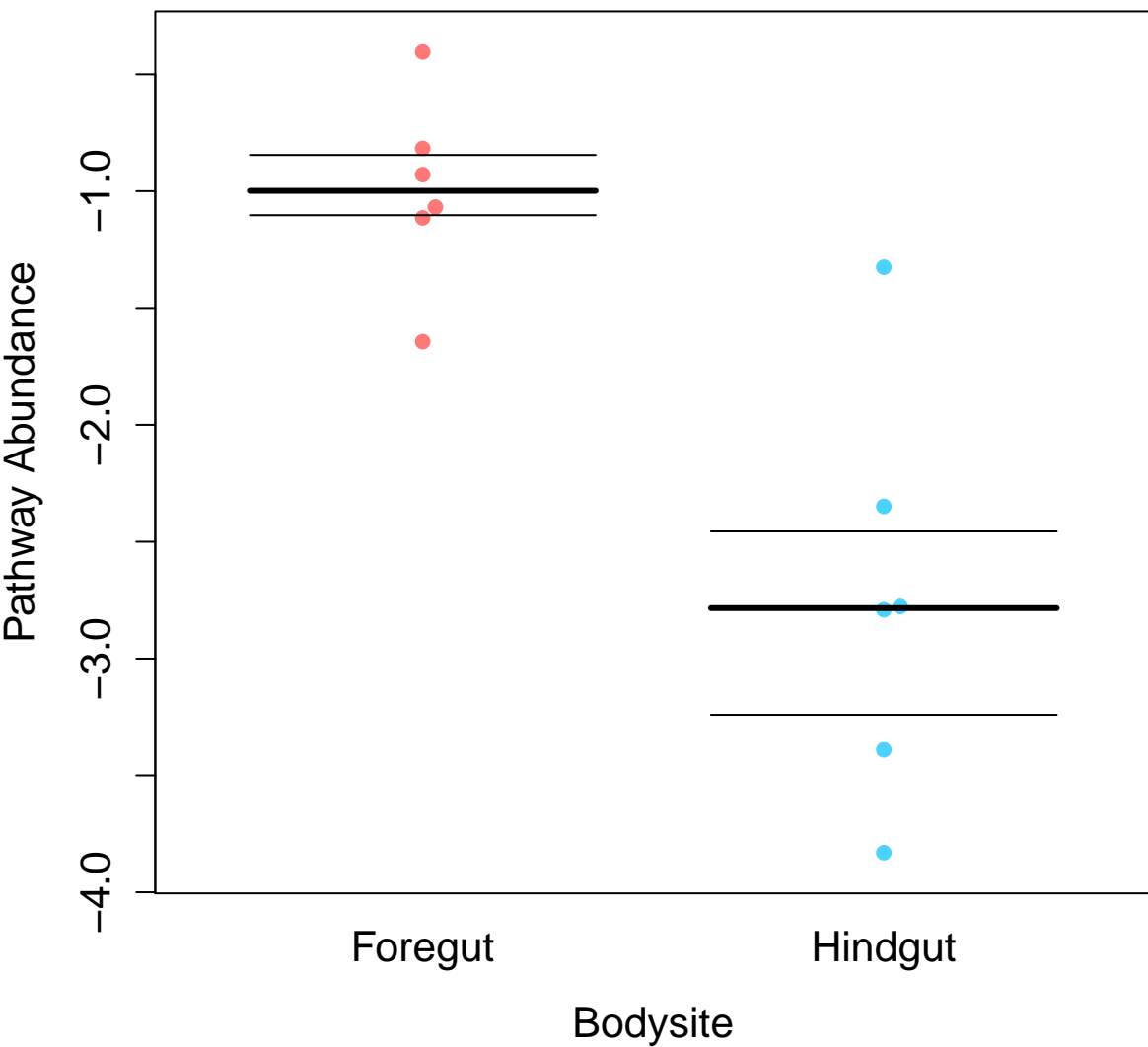
Tuberculosis



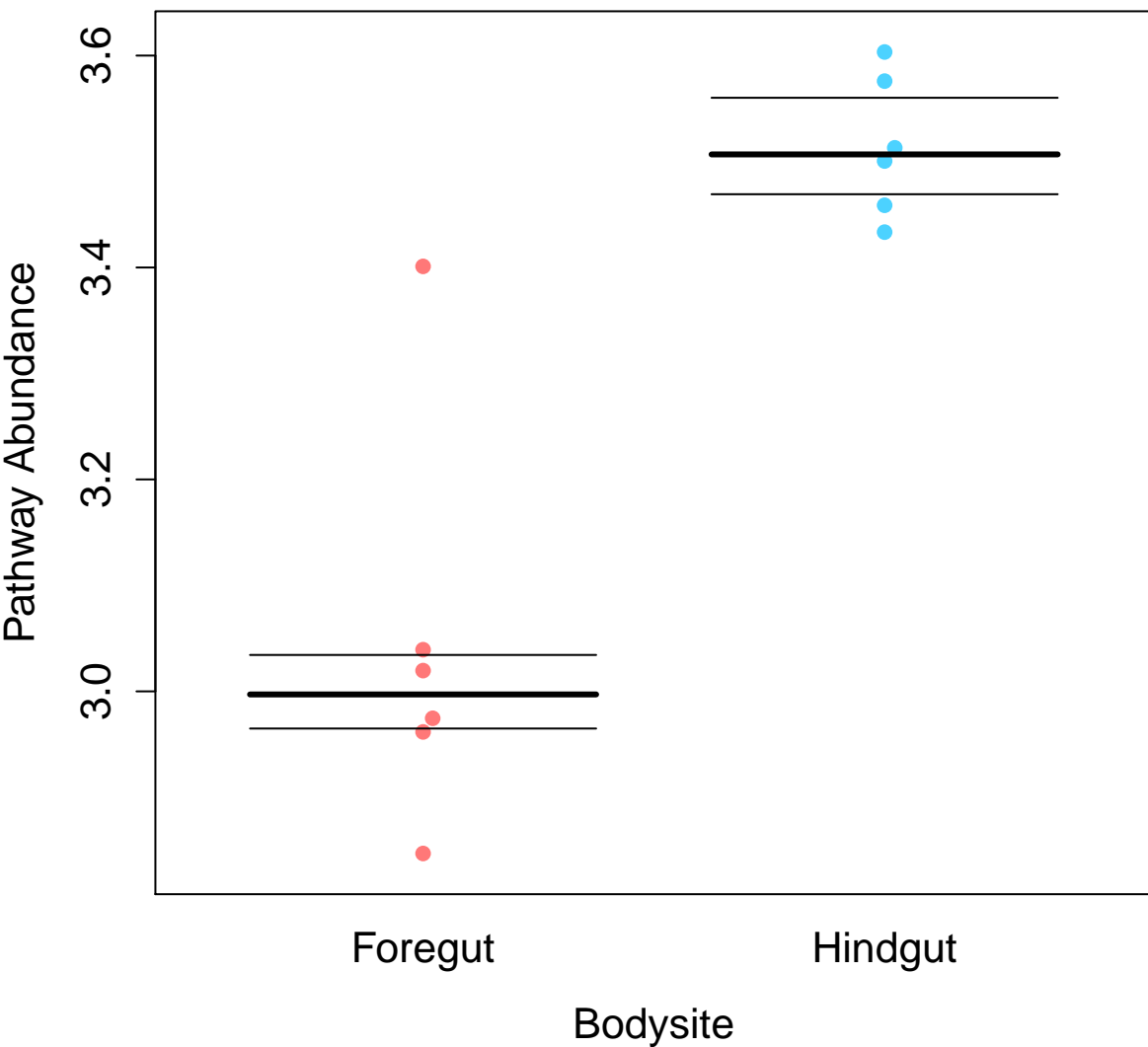
Pentose phosphate pathway



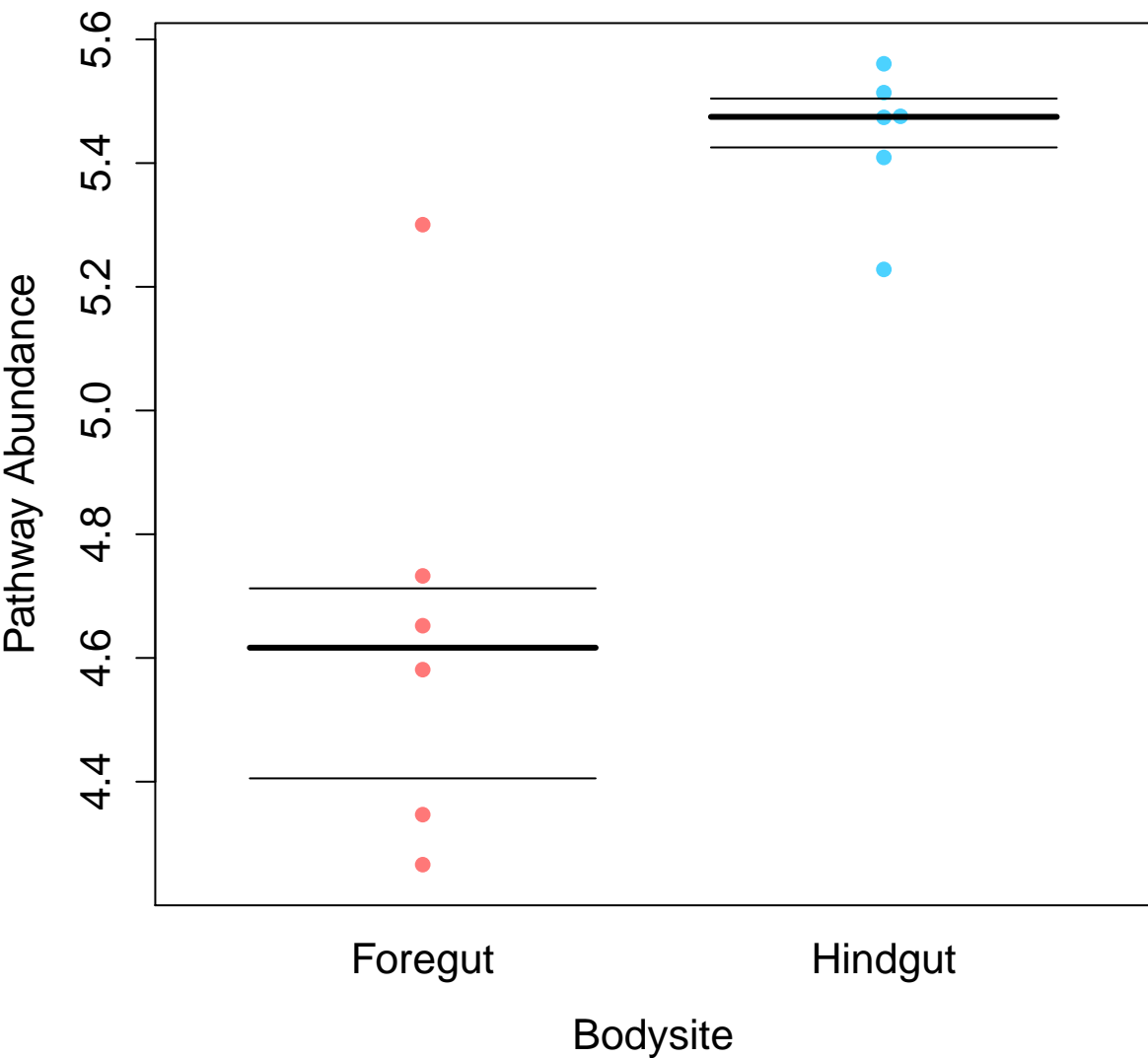
Steroid biosynthesis



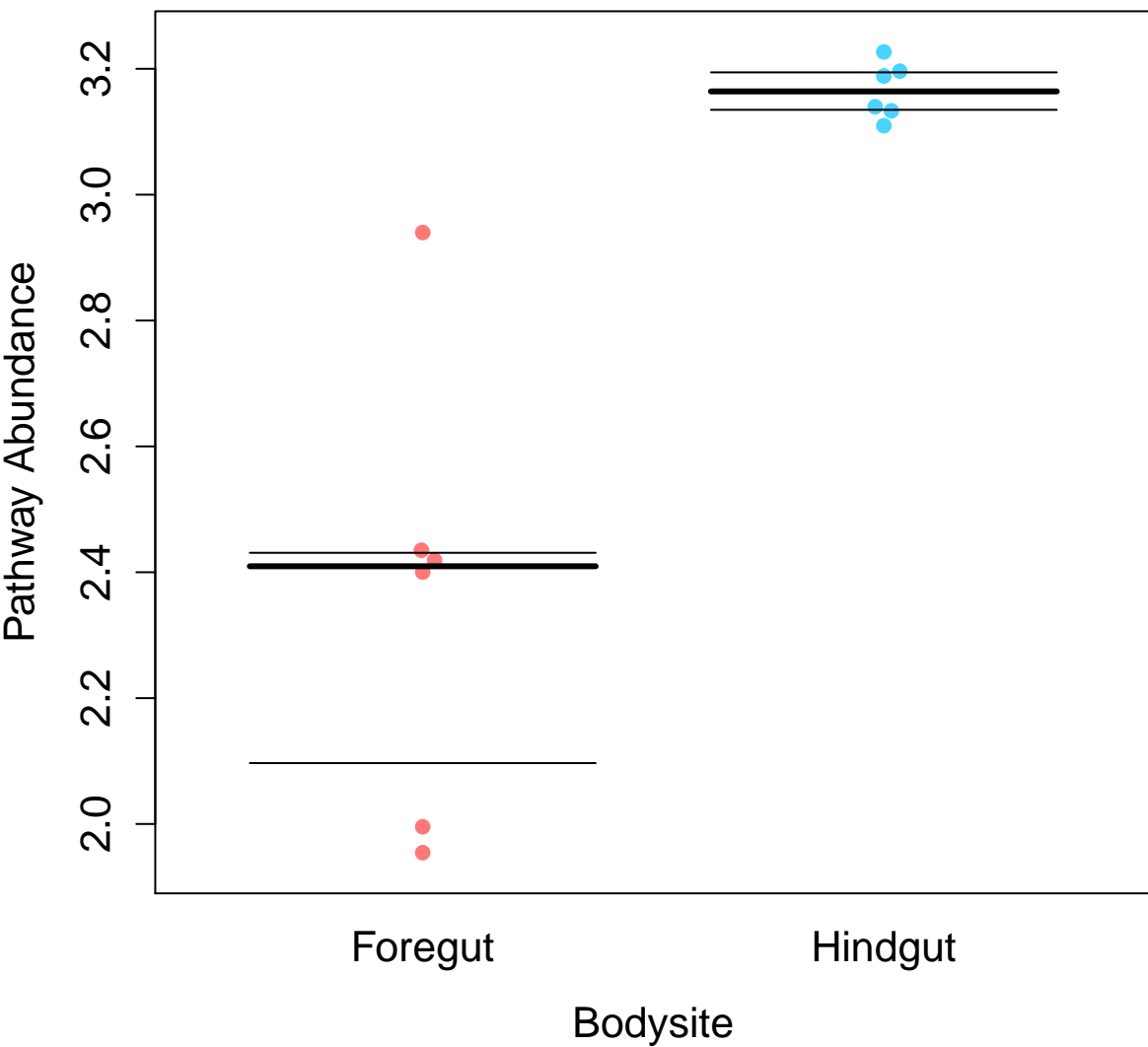
D-Glutamine and D-glutamate metabolism



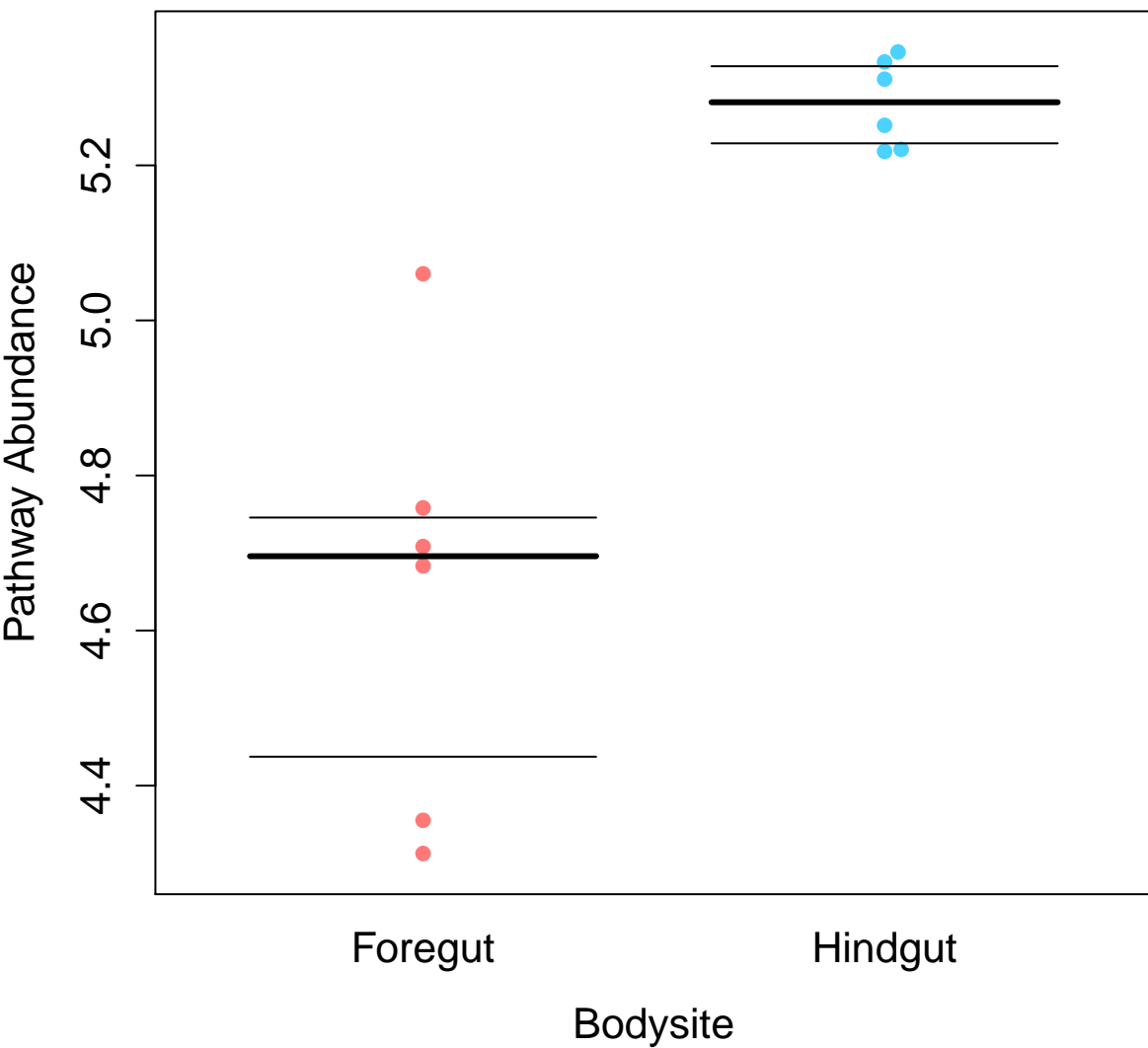
Fructose and mannose metabolism



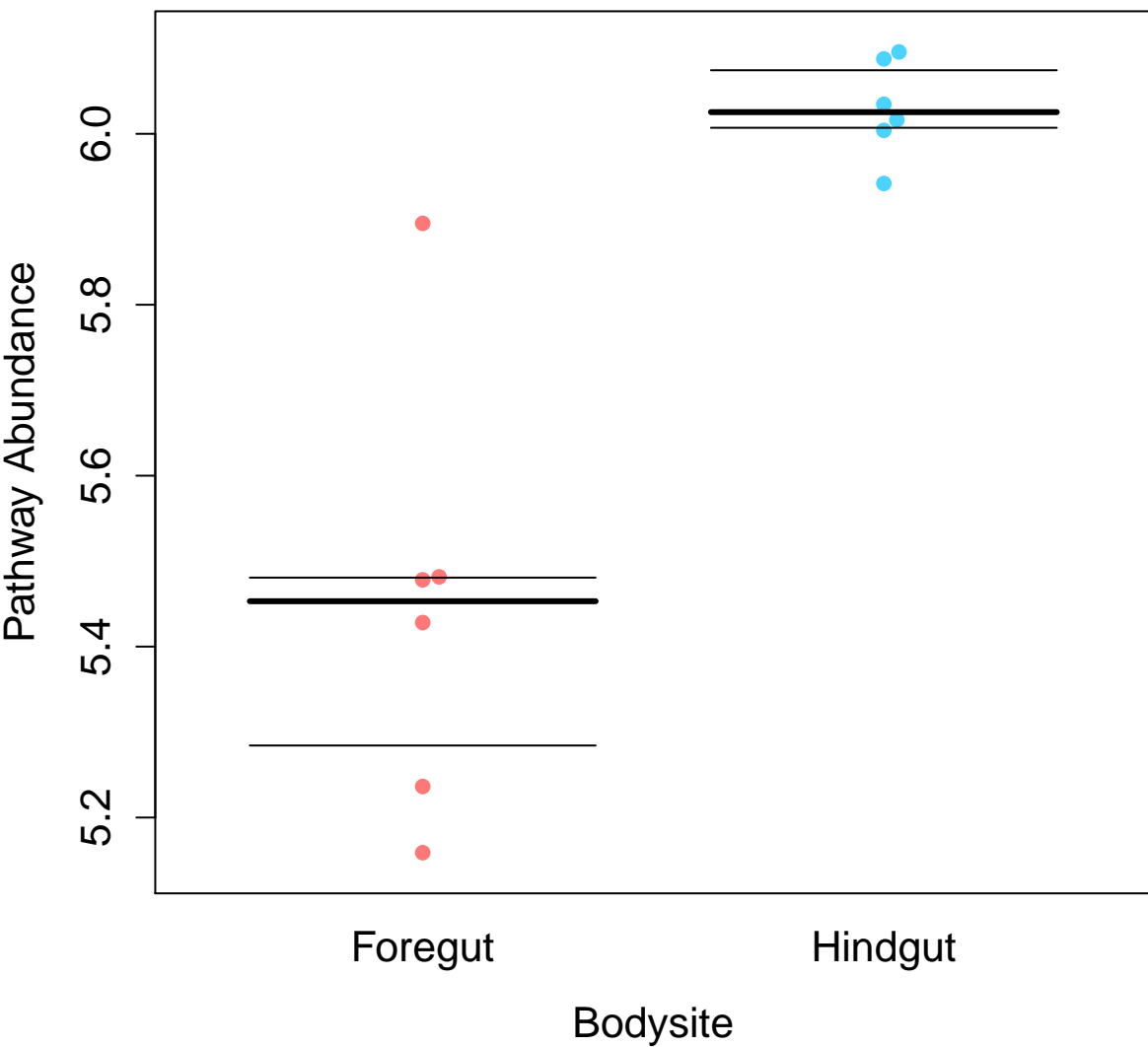
Glutamatergic synapse



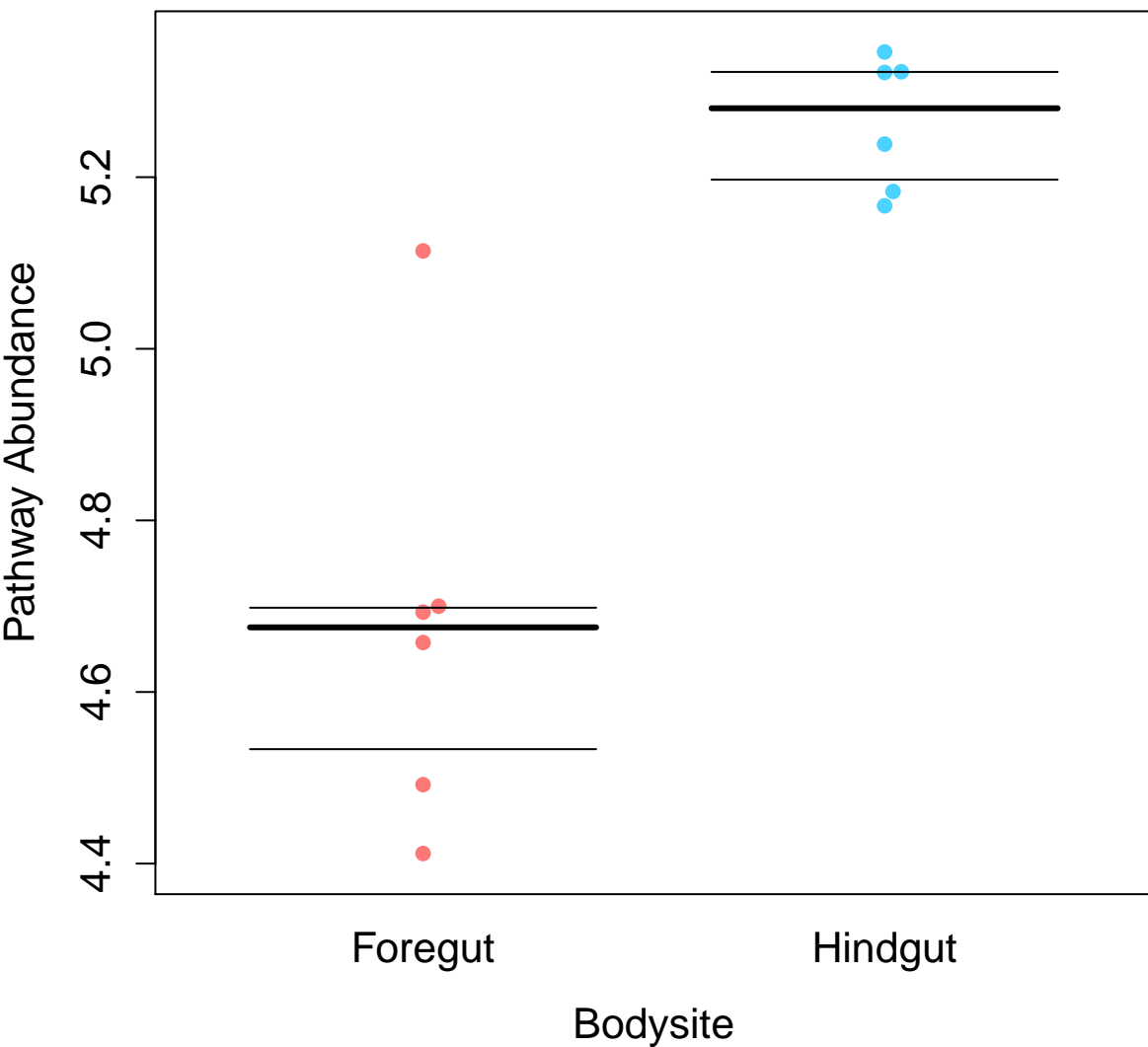
Mismatch repair



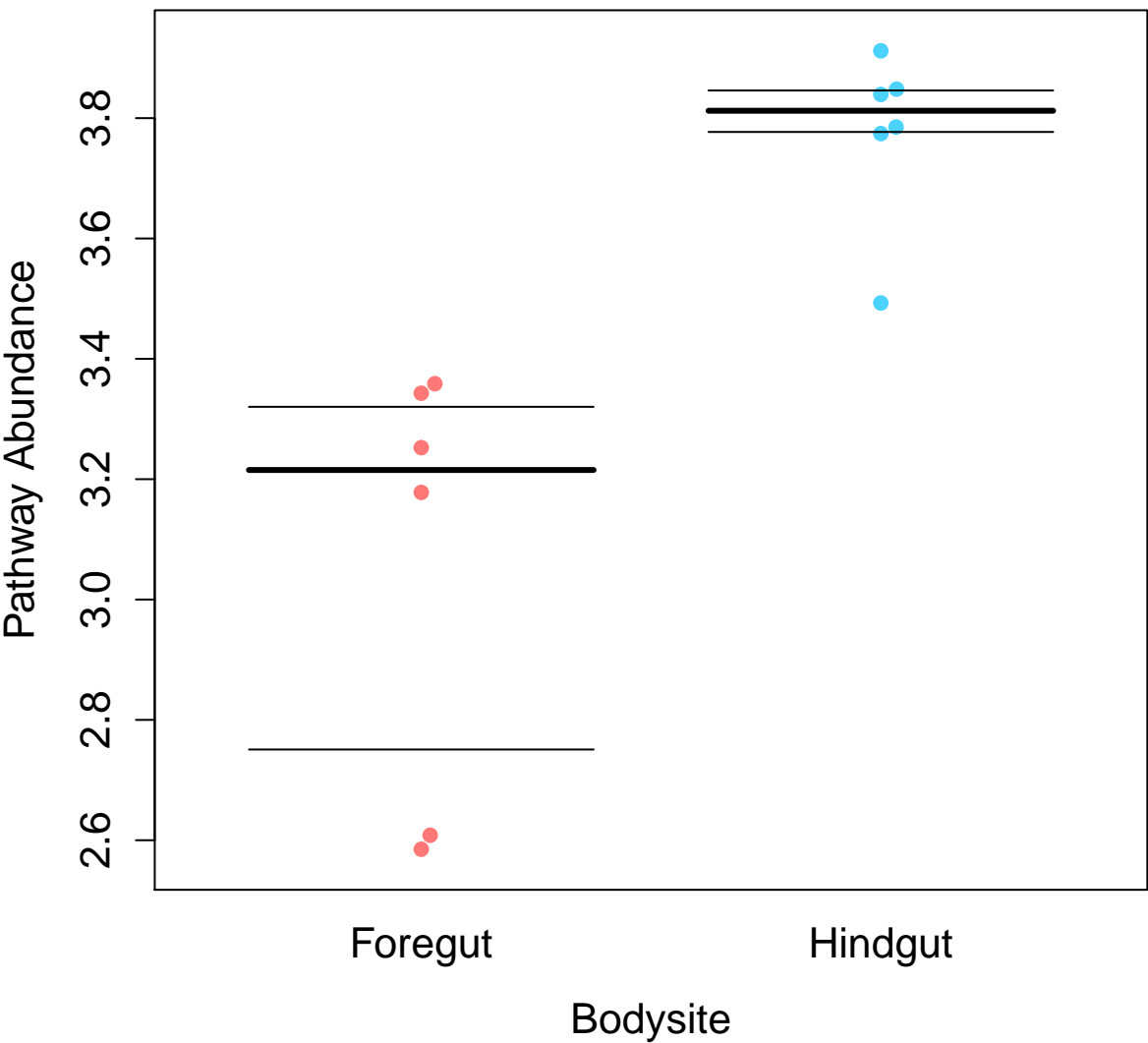
Peptidases



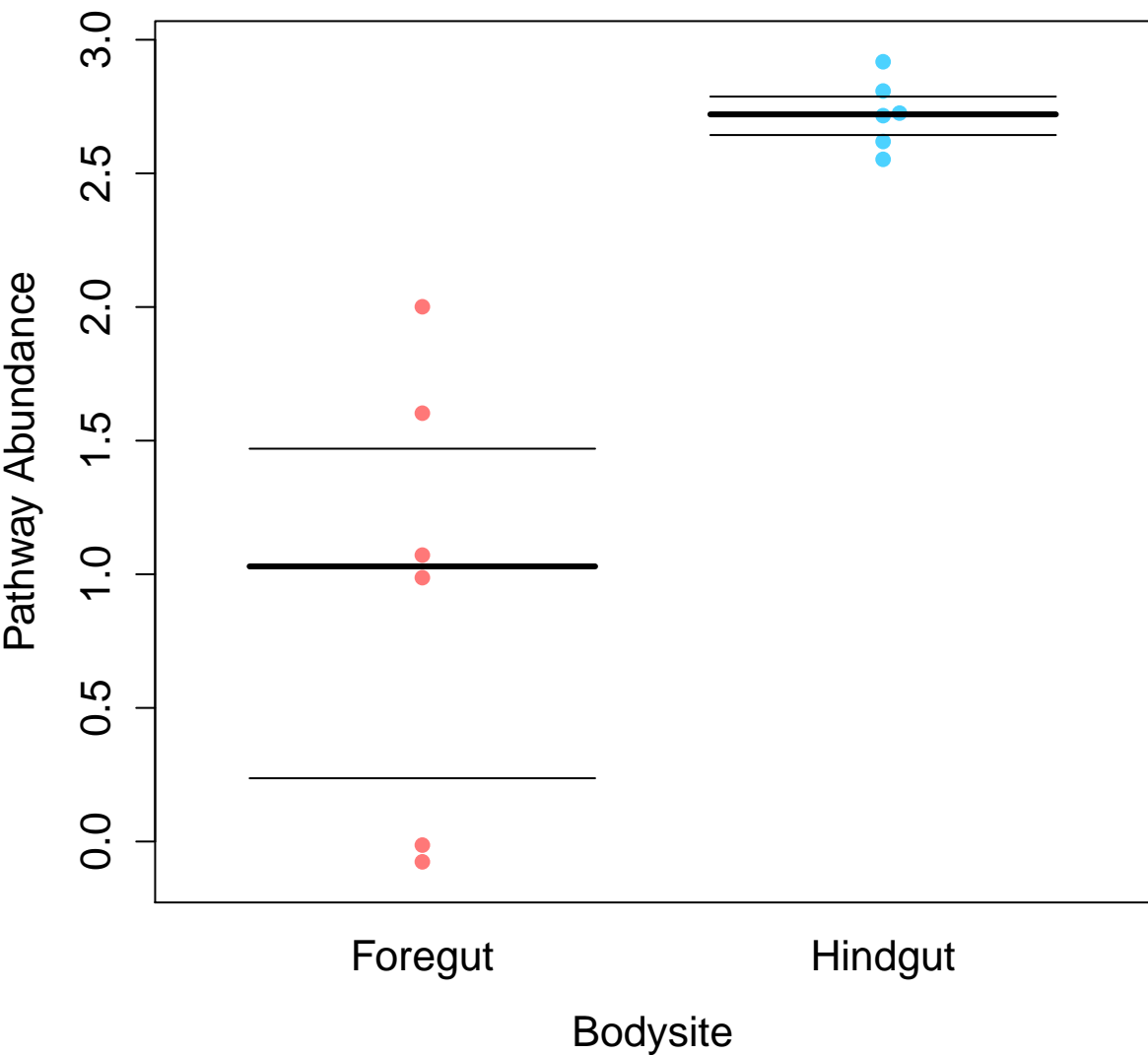
Peptidoglycan biosynthesis



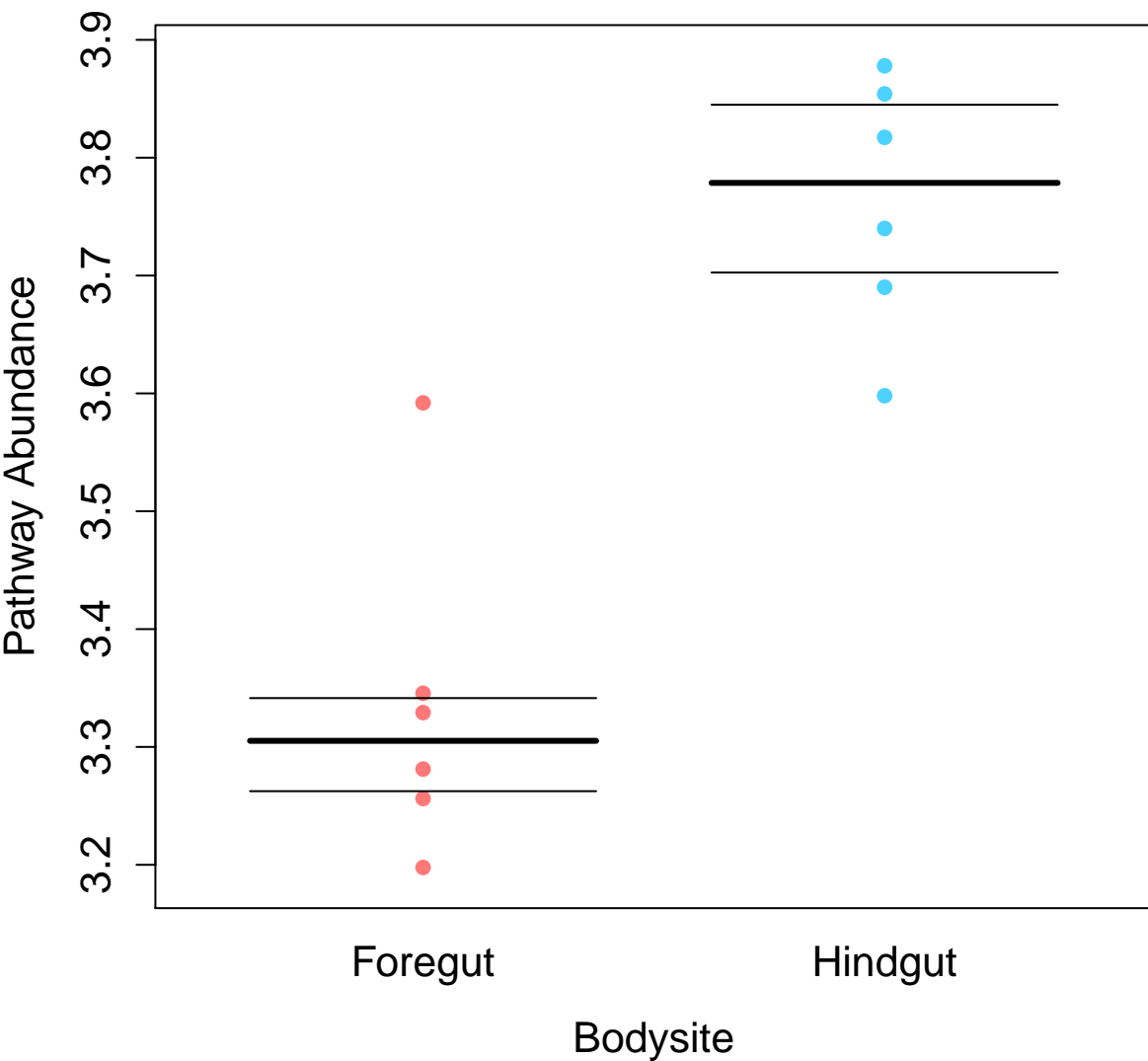
Carbohydrate metabolism



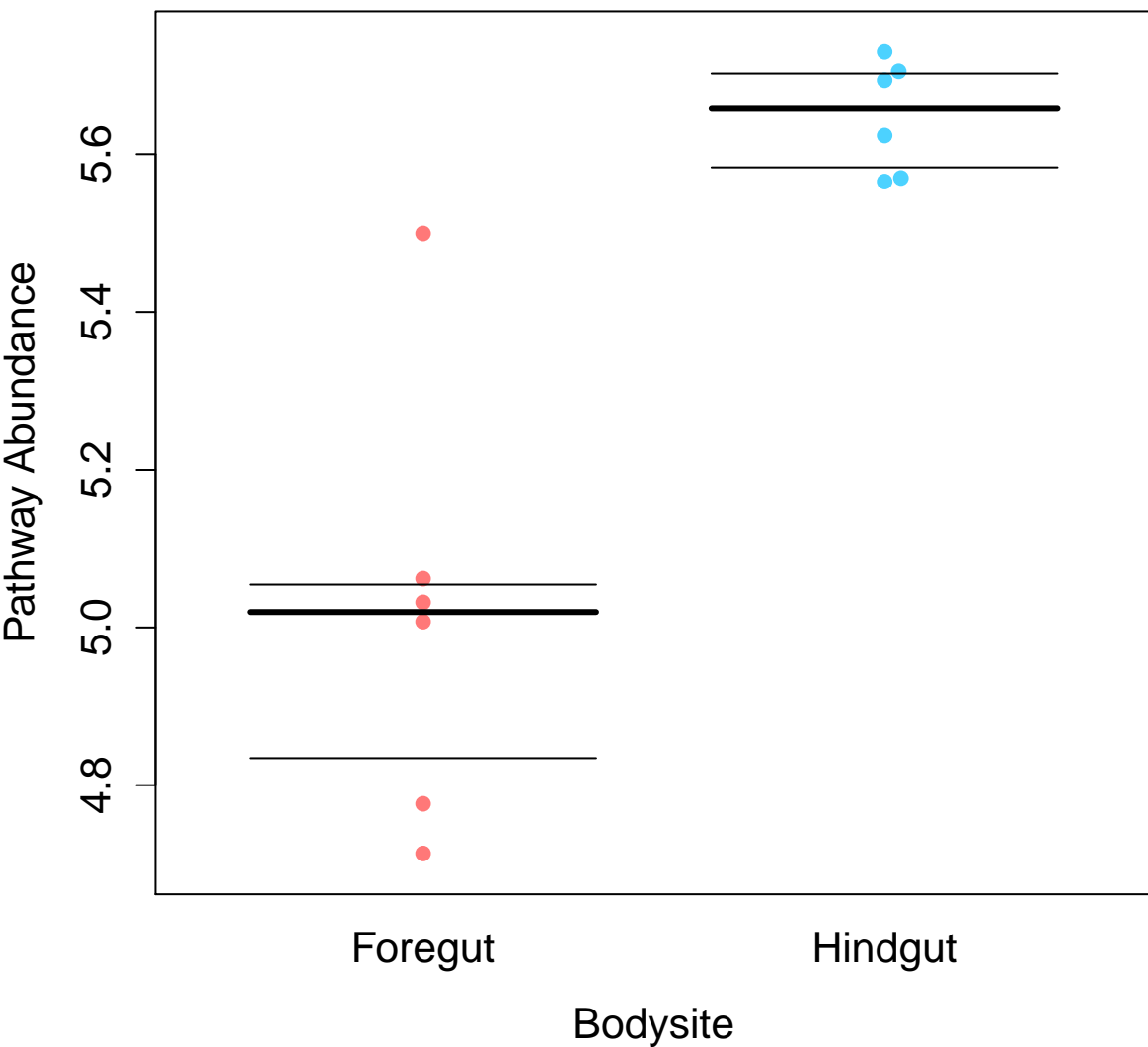
Germination



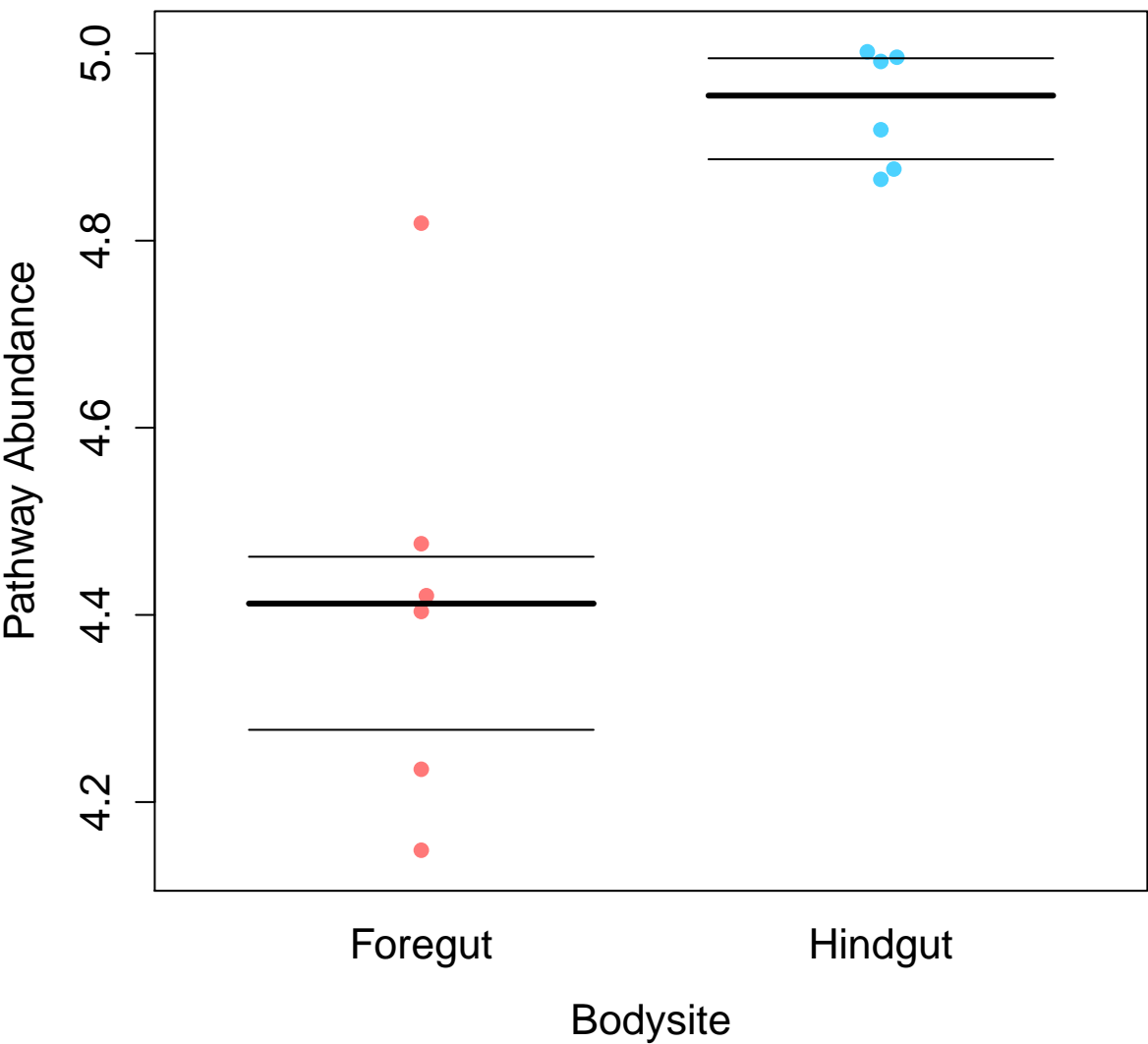
Vitamin B6 metabolism



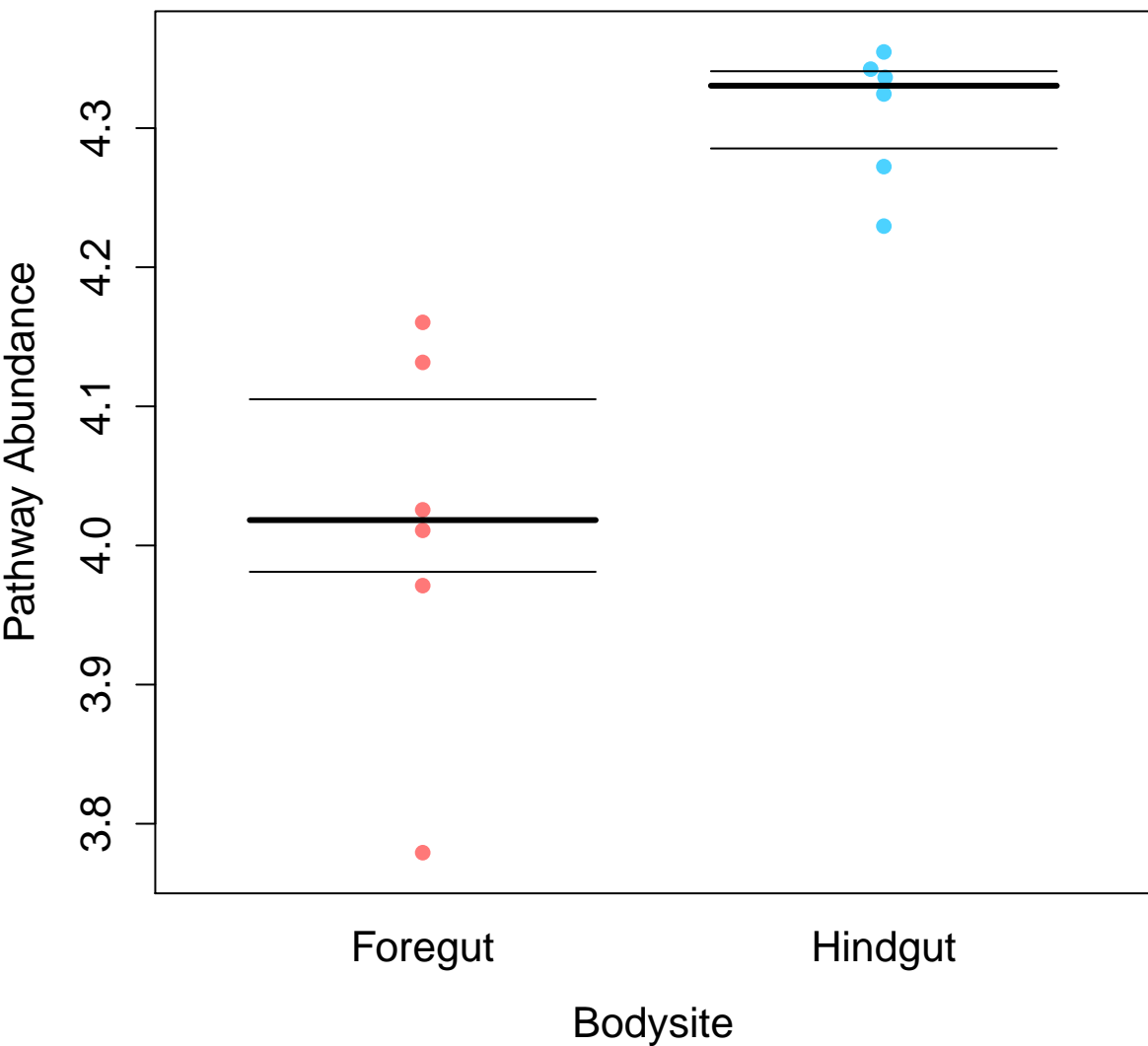
Aminoacyl-tRNA biosynthesis



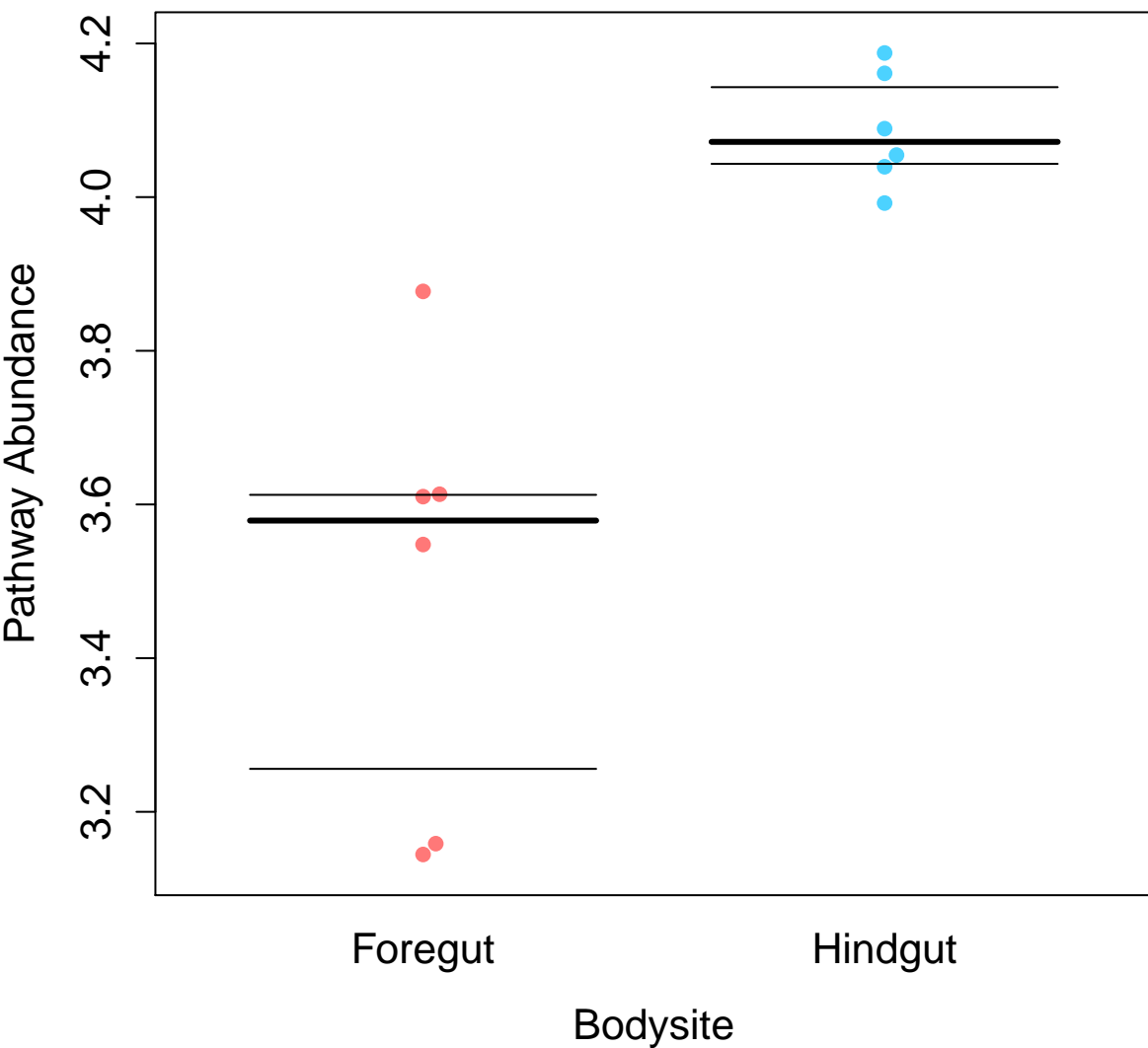
Protein export



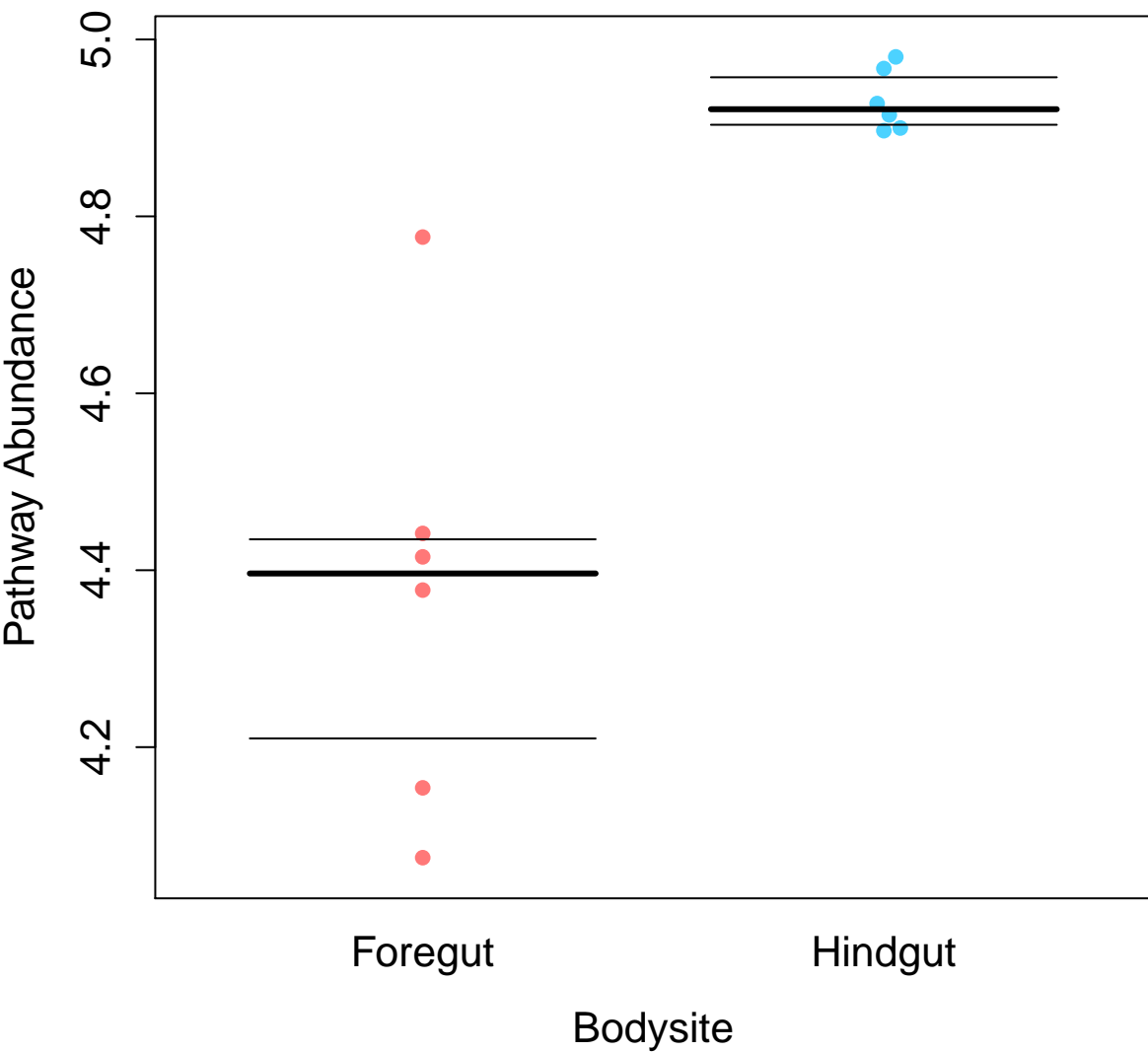
Folate biosynthesis



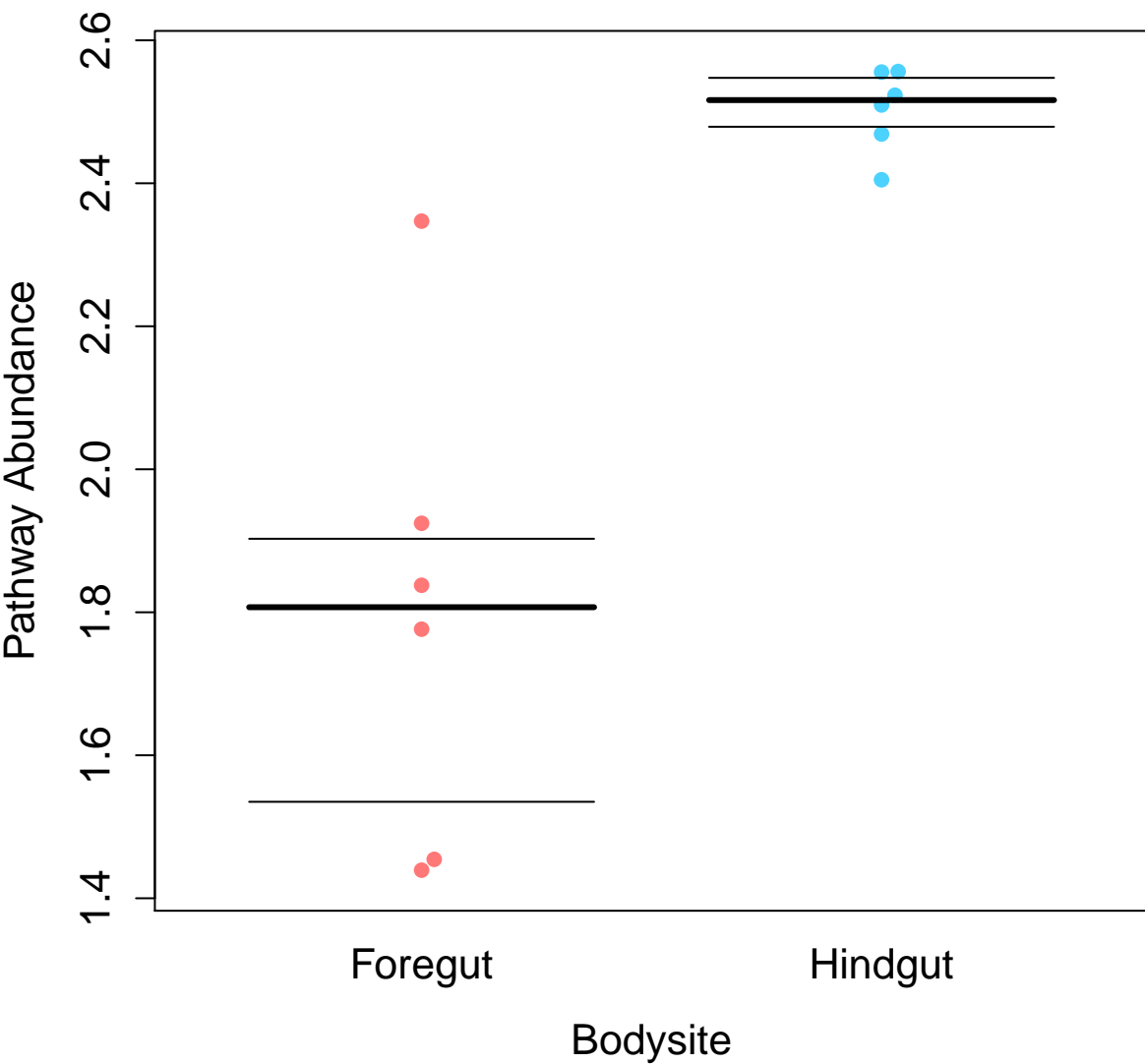
Cyanoamino acid metabolism



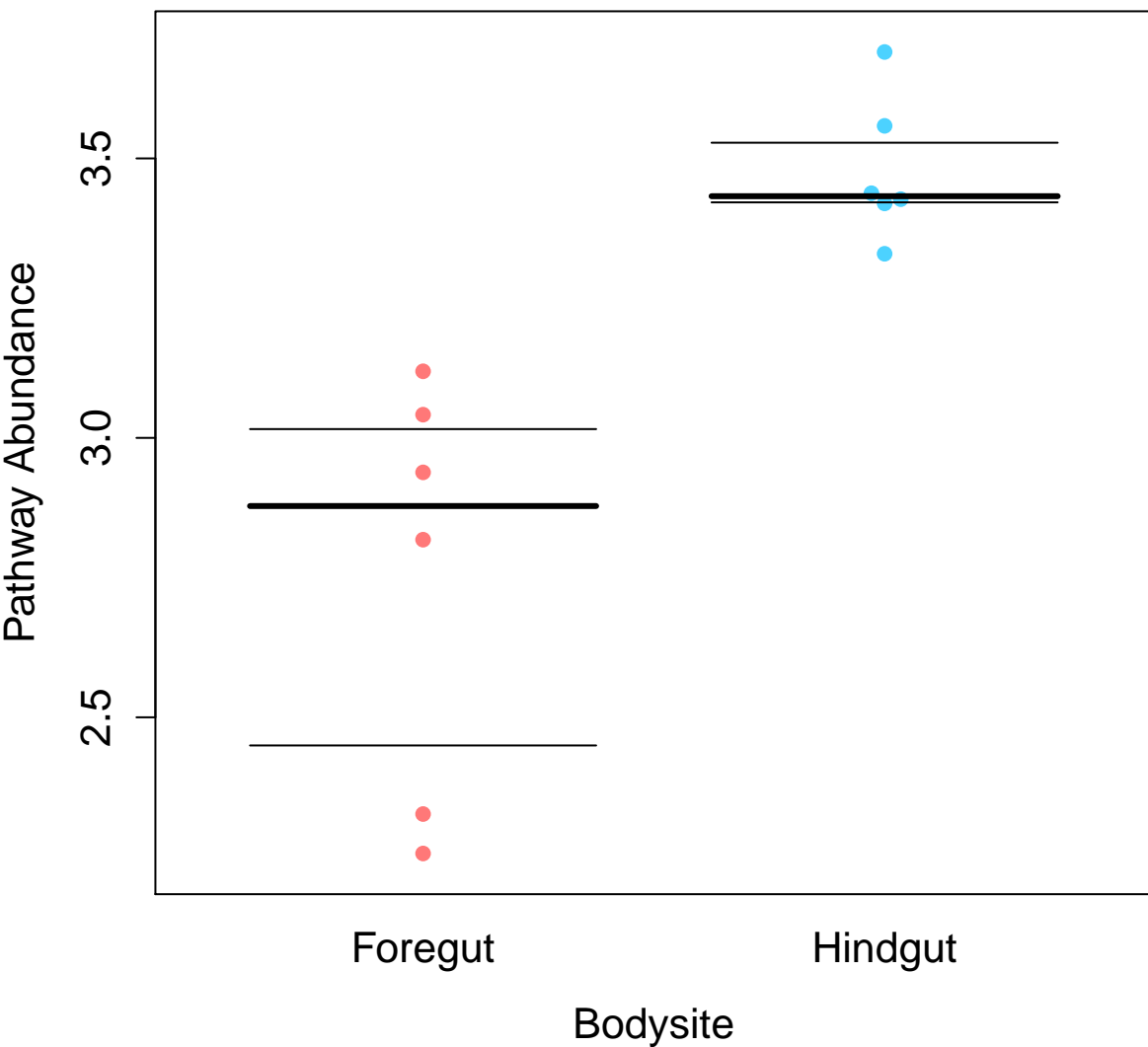
One carbon pool by folate



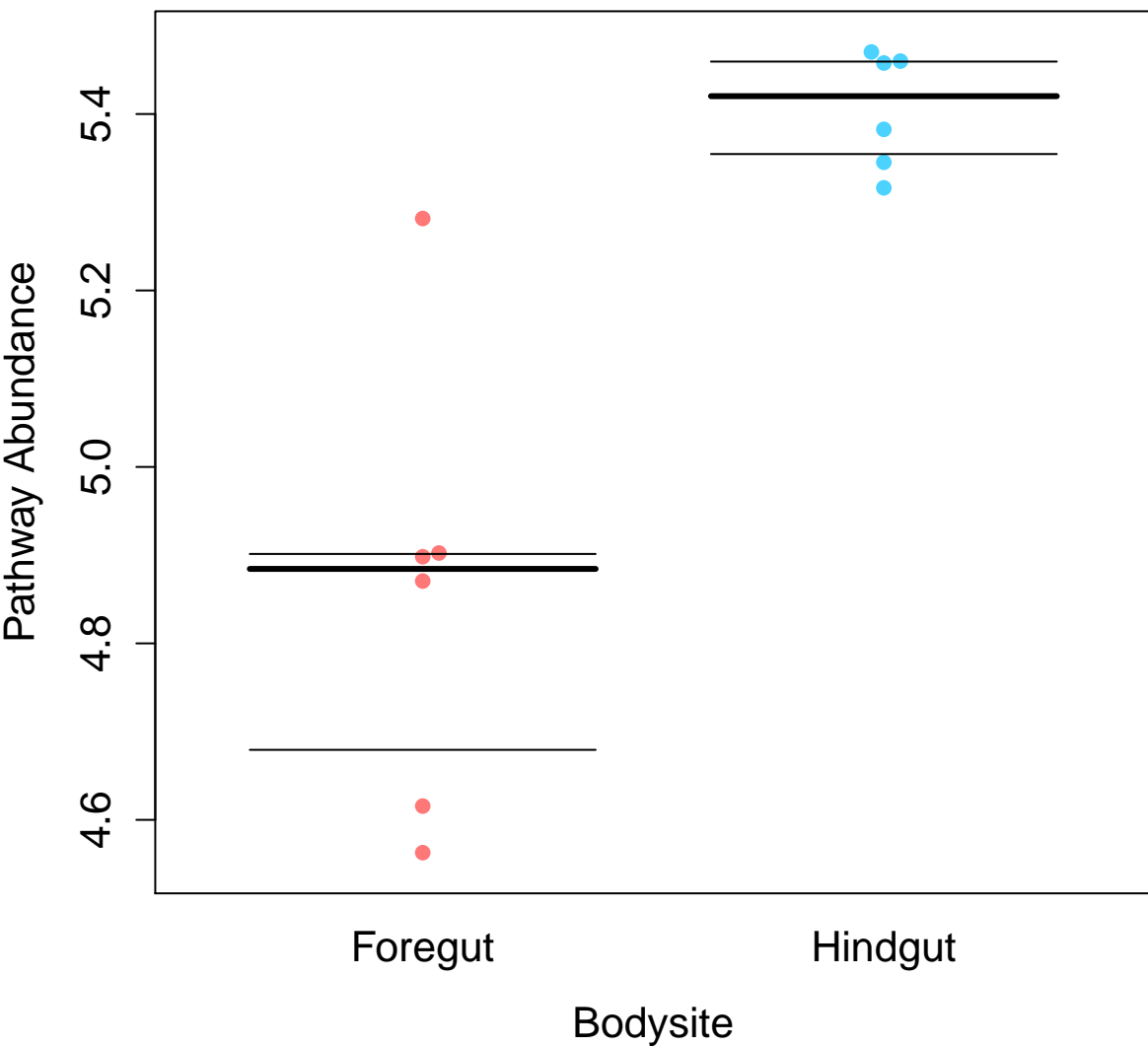
Type I diabetes mellitus



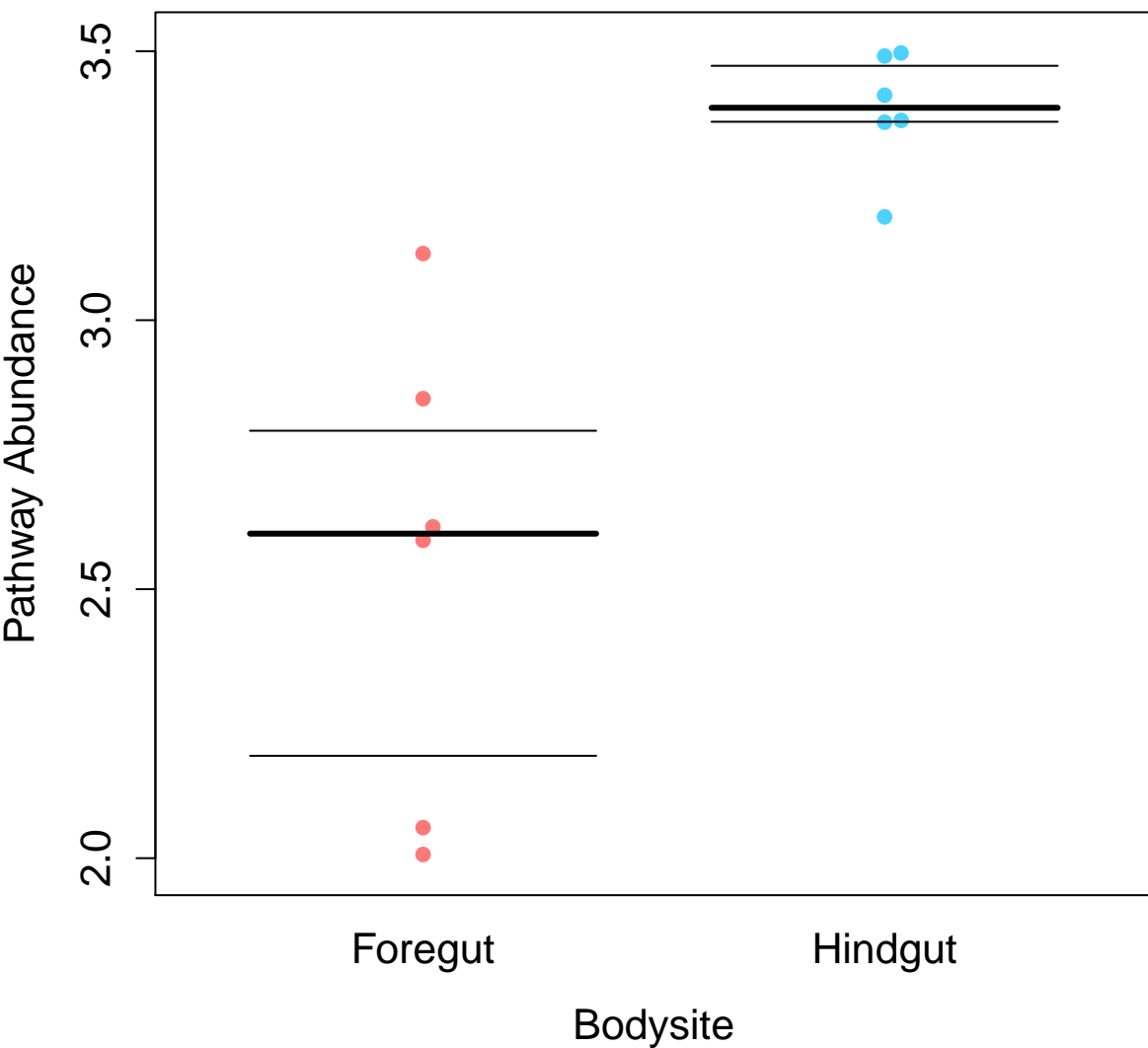
Phenylpropanoid biosynthesis



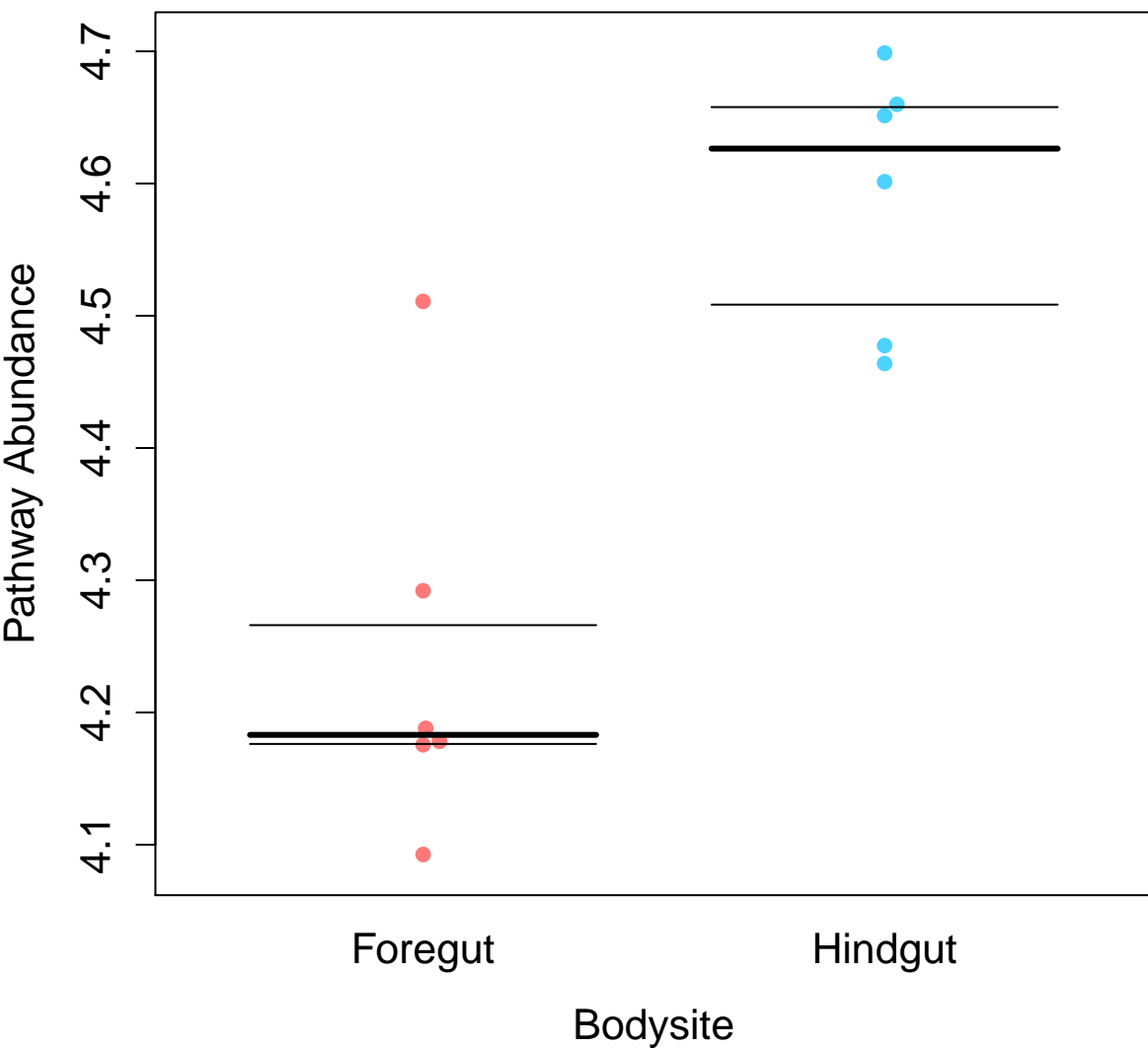
Homologous recombination



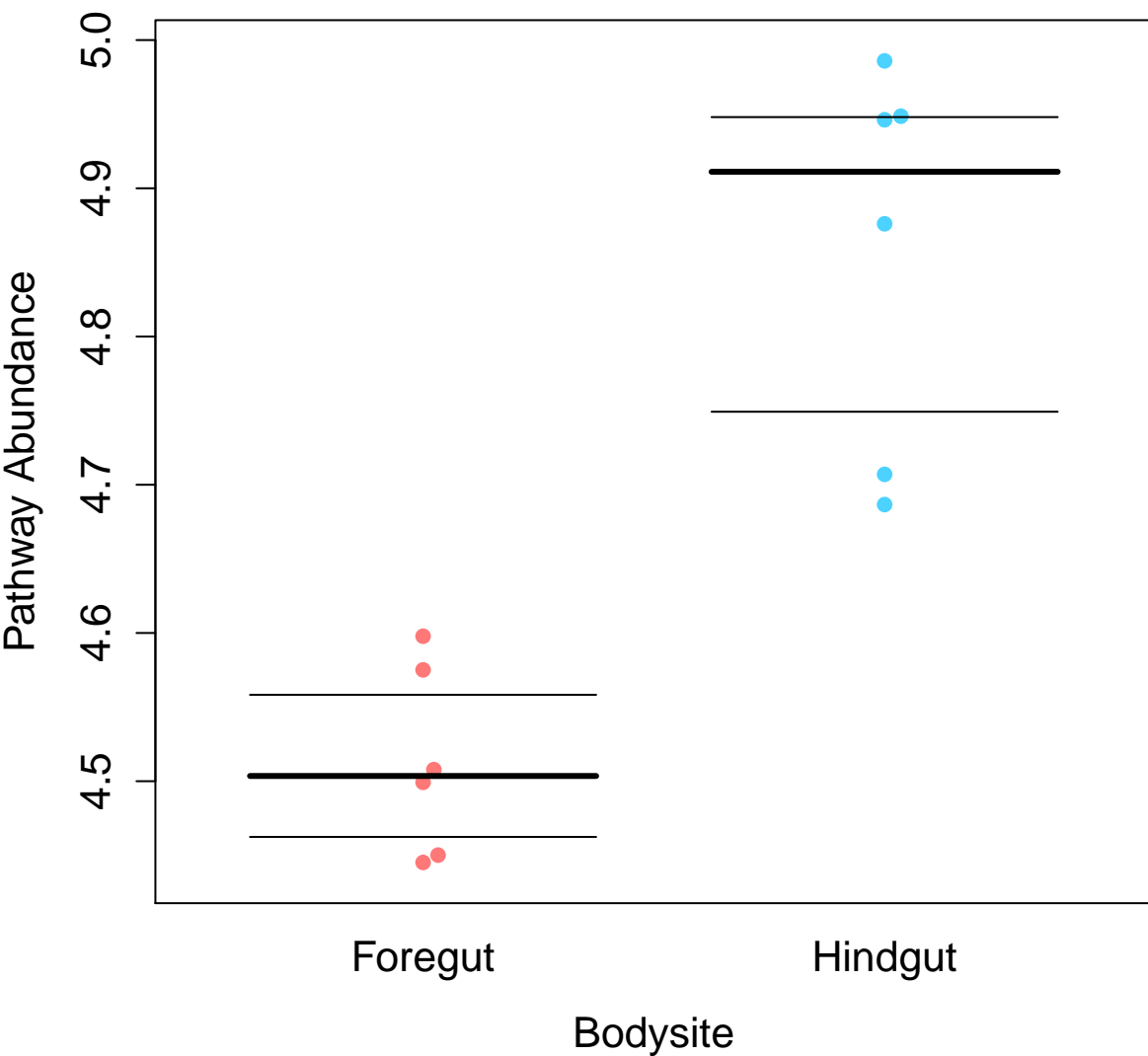
Biosynthesis of ansamycins



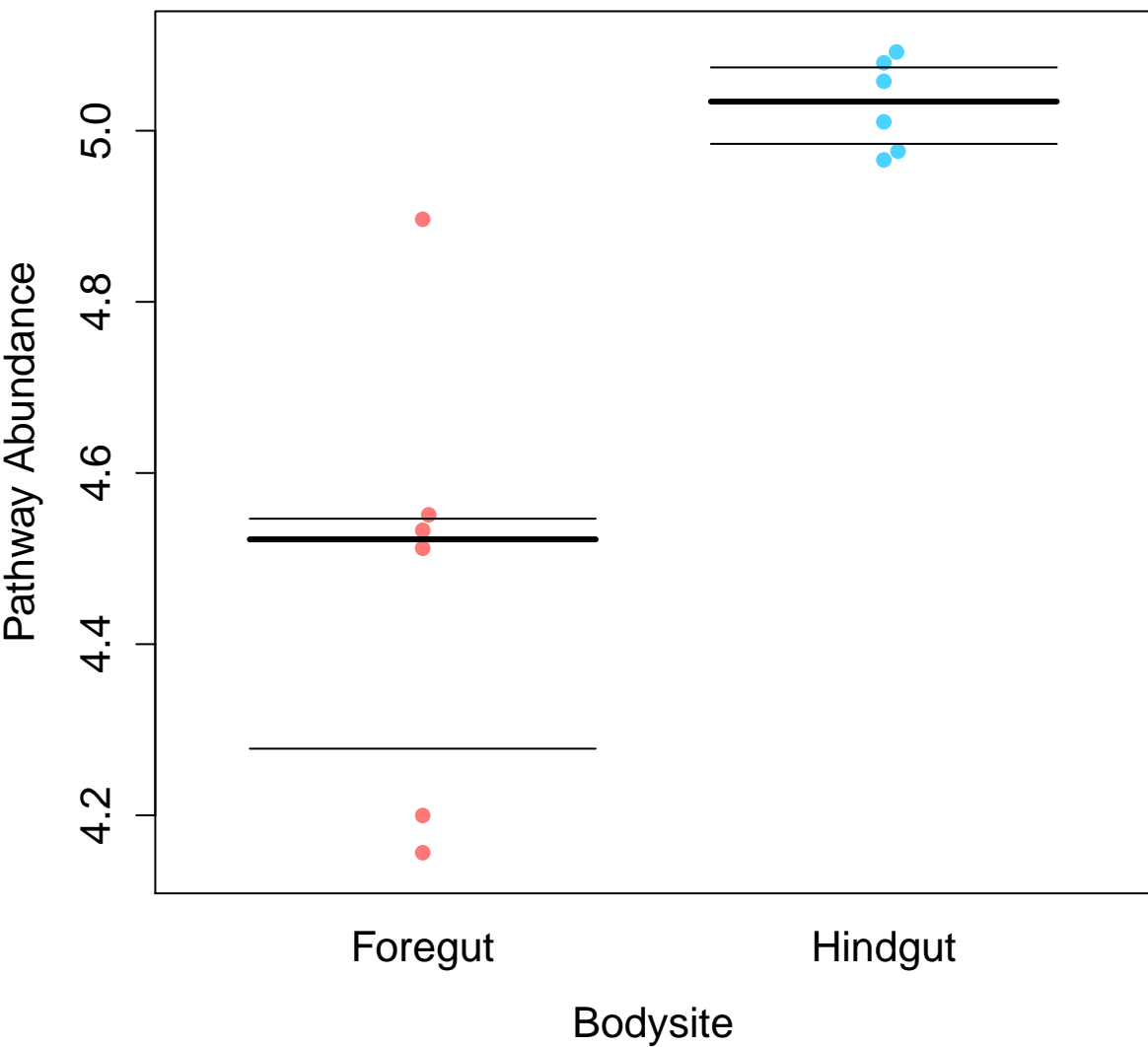
Nicotinate and nicotinamide metabolism



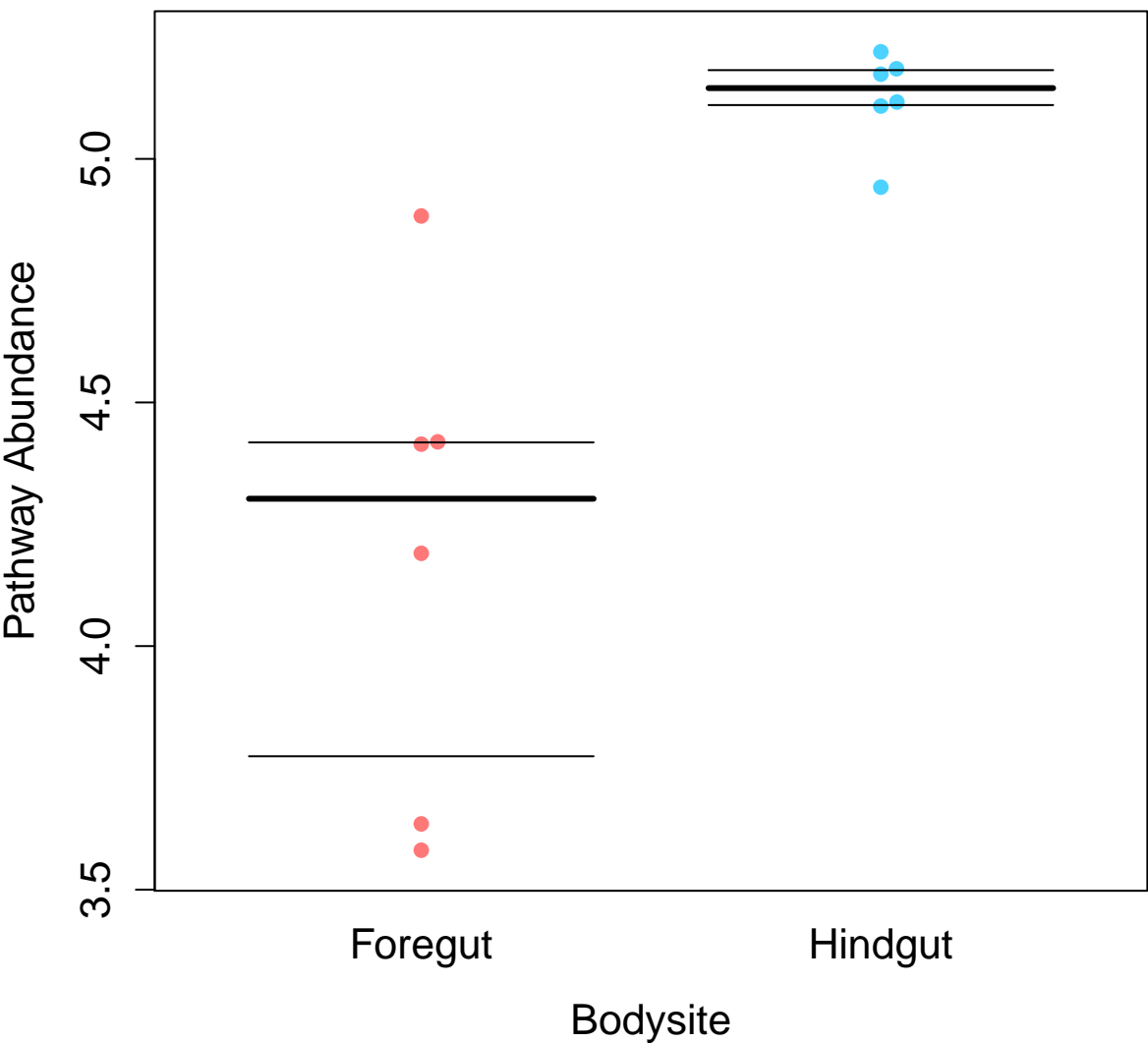
Citrate cycle (TCA cycle)



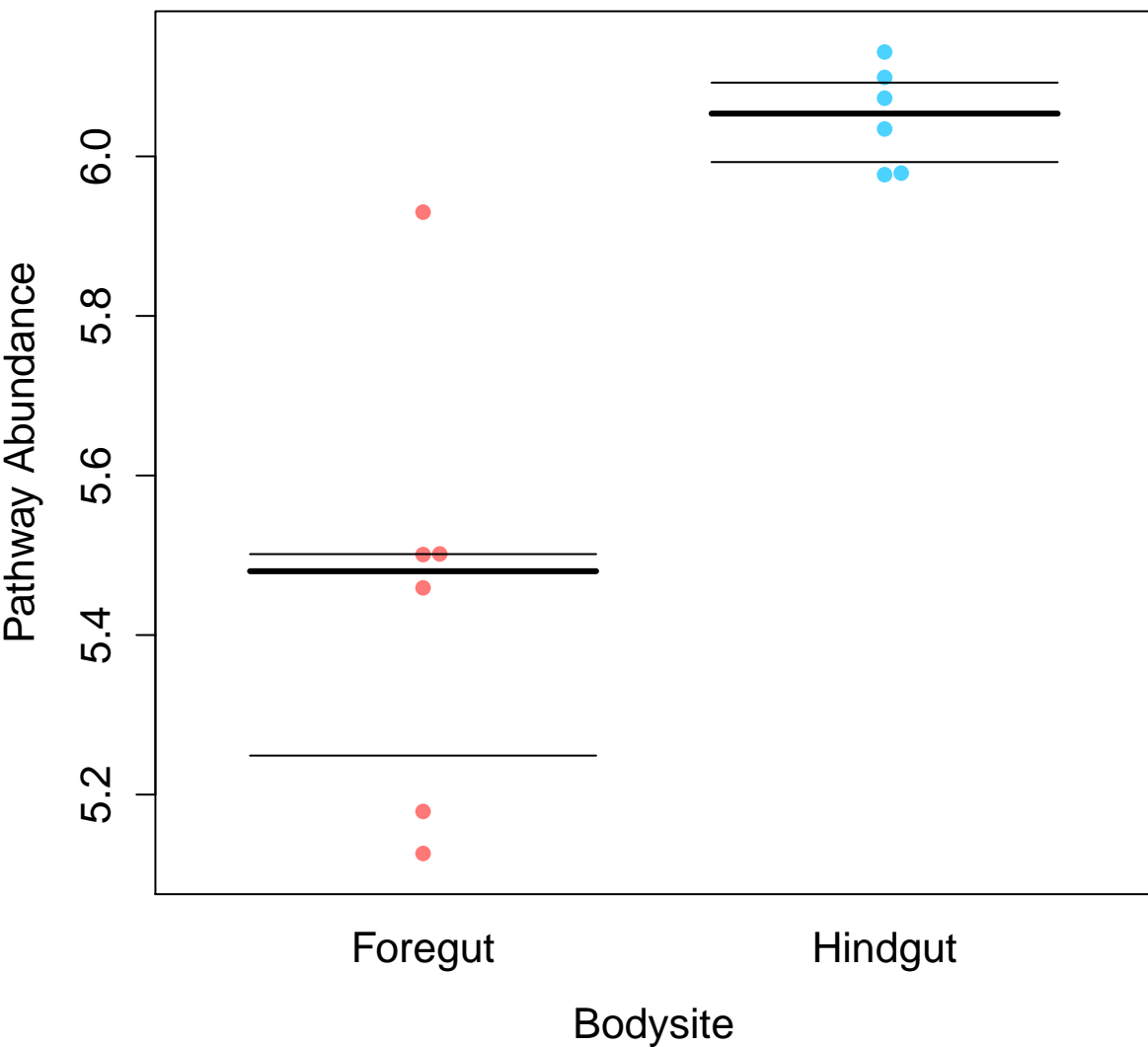
DNA replication



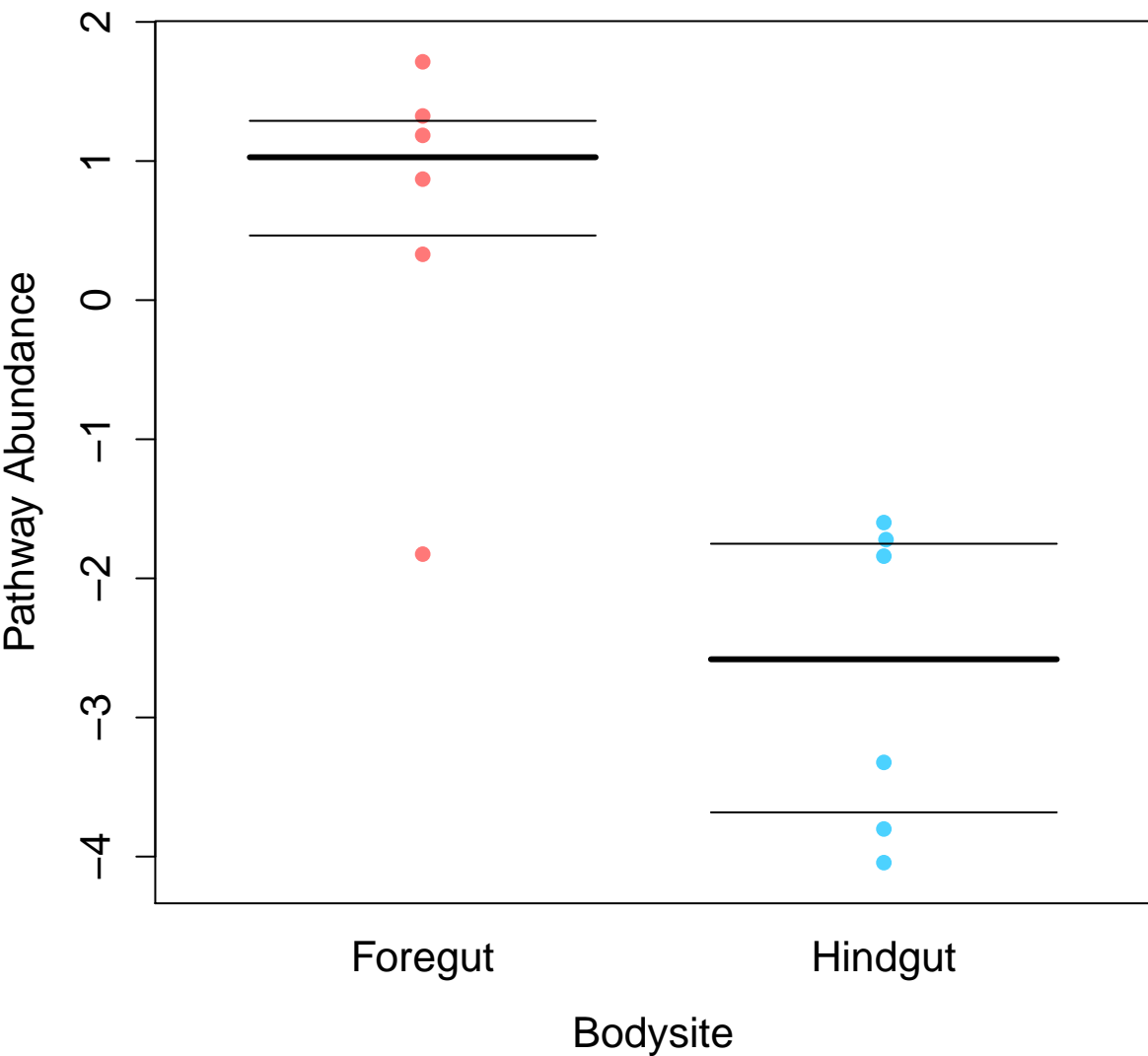
Galactose metabolism



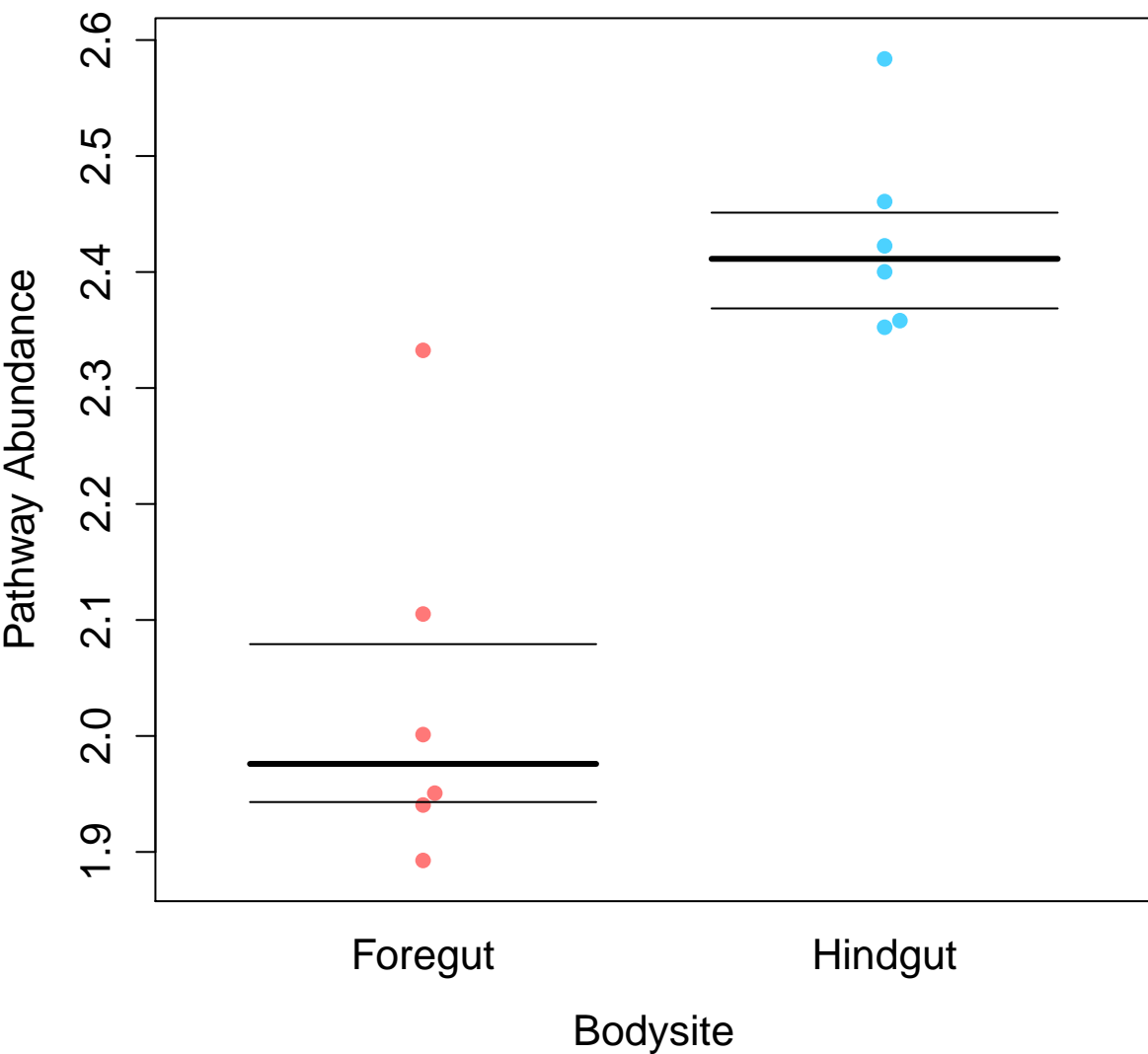
Pyrimidine metabolism



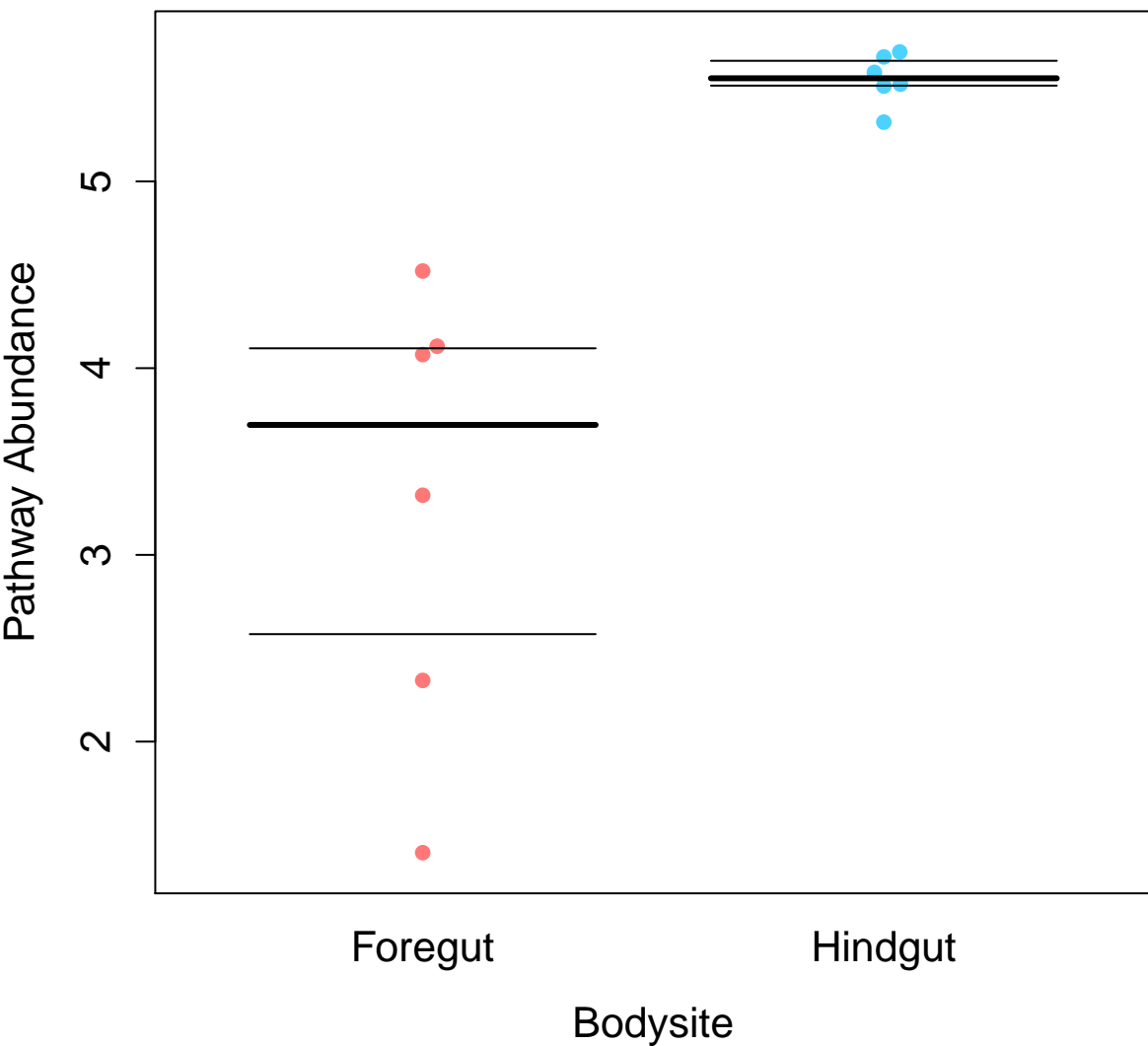
Cardiac muscle contraction



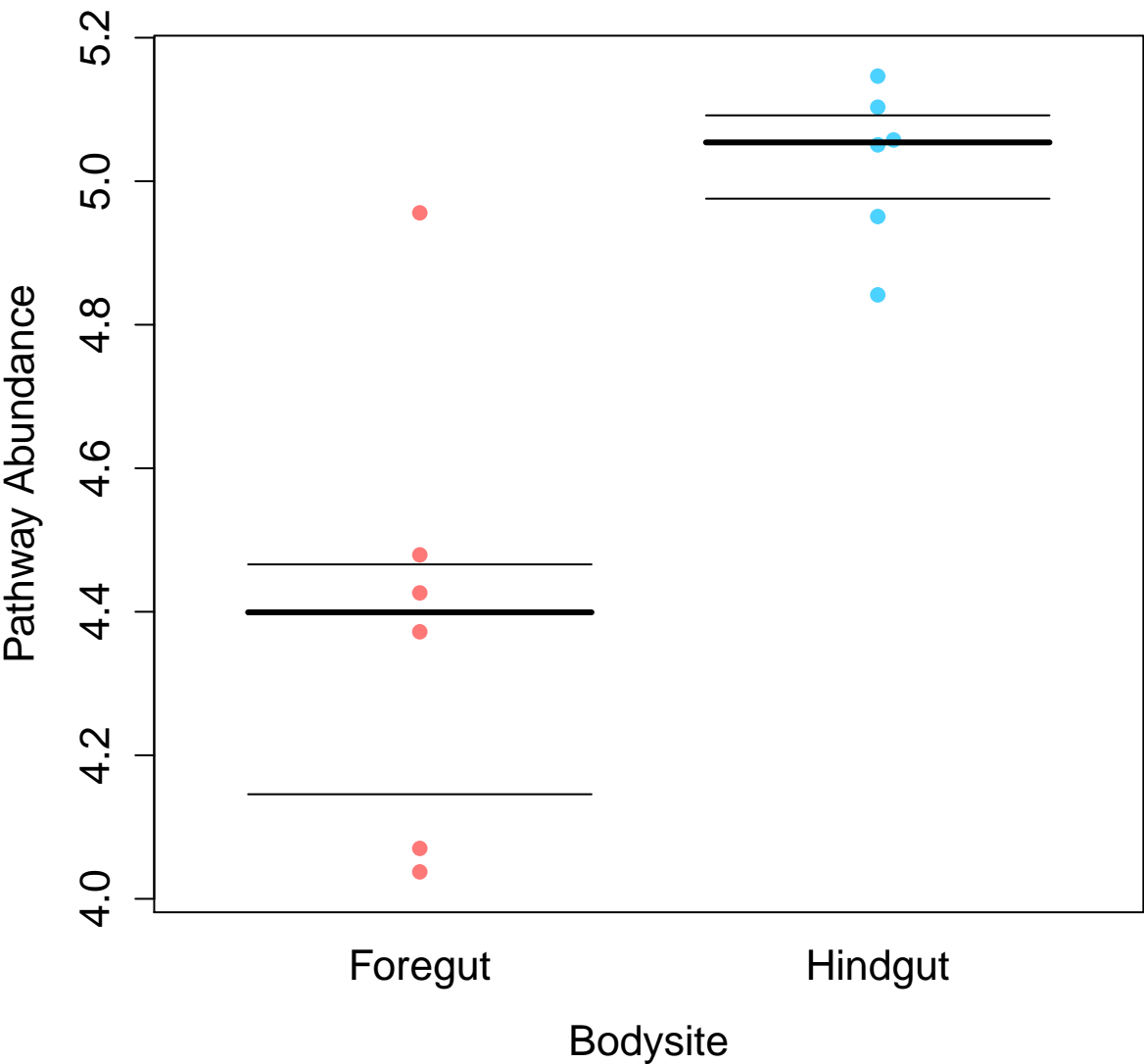
Ribosome biogenesis in eukaryotes



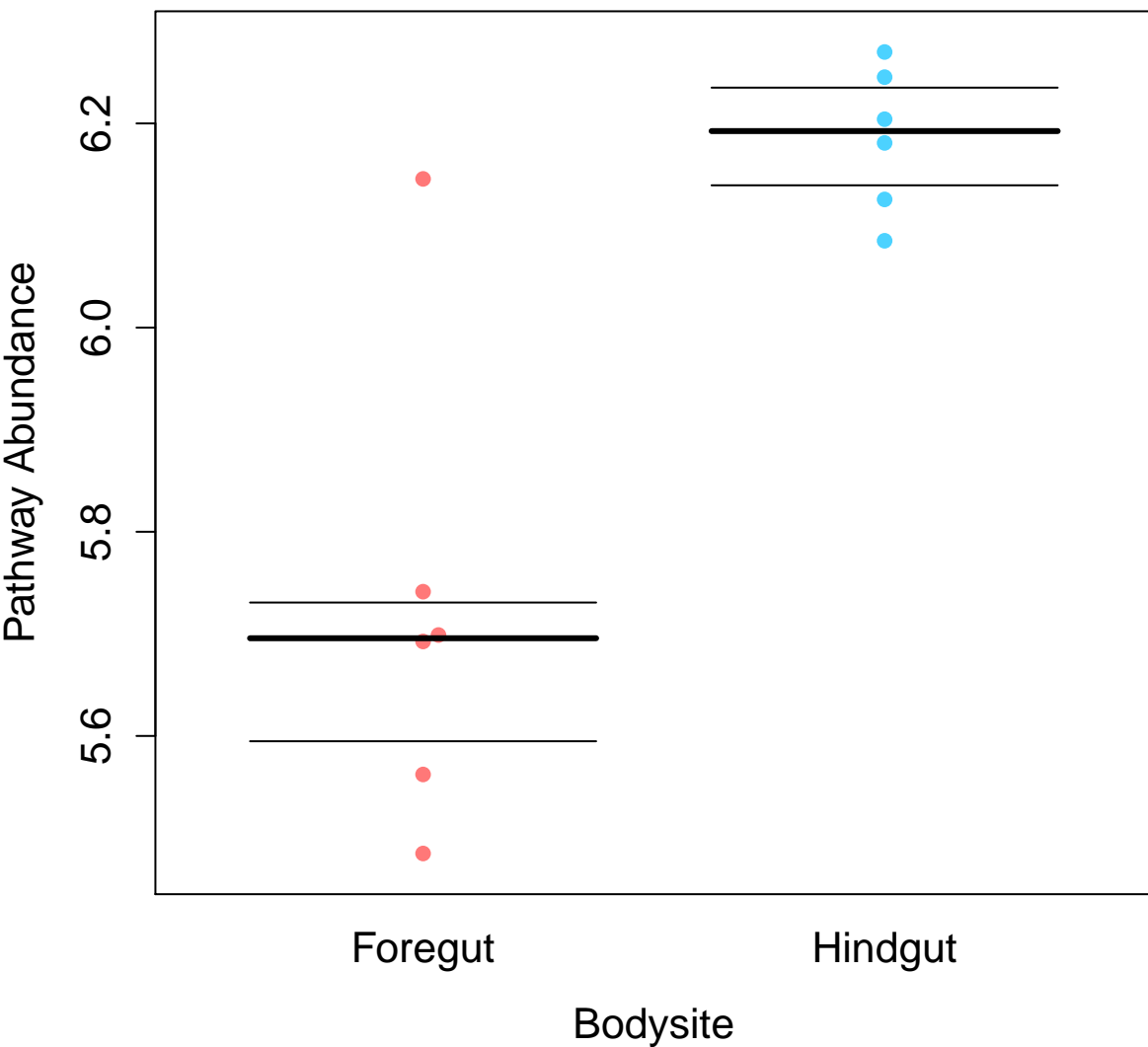
Sporulation



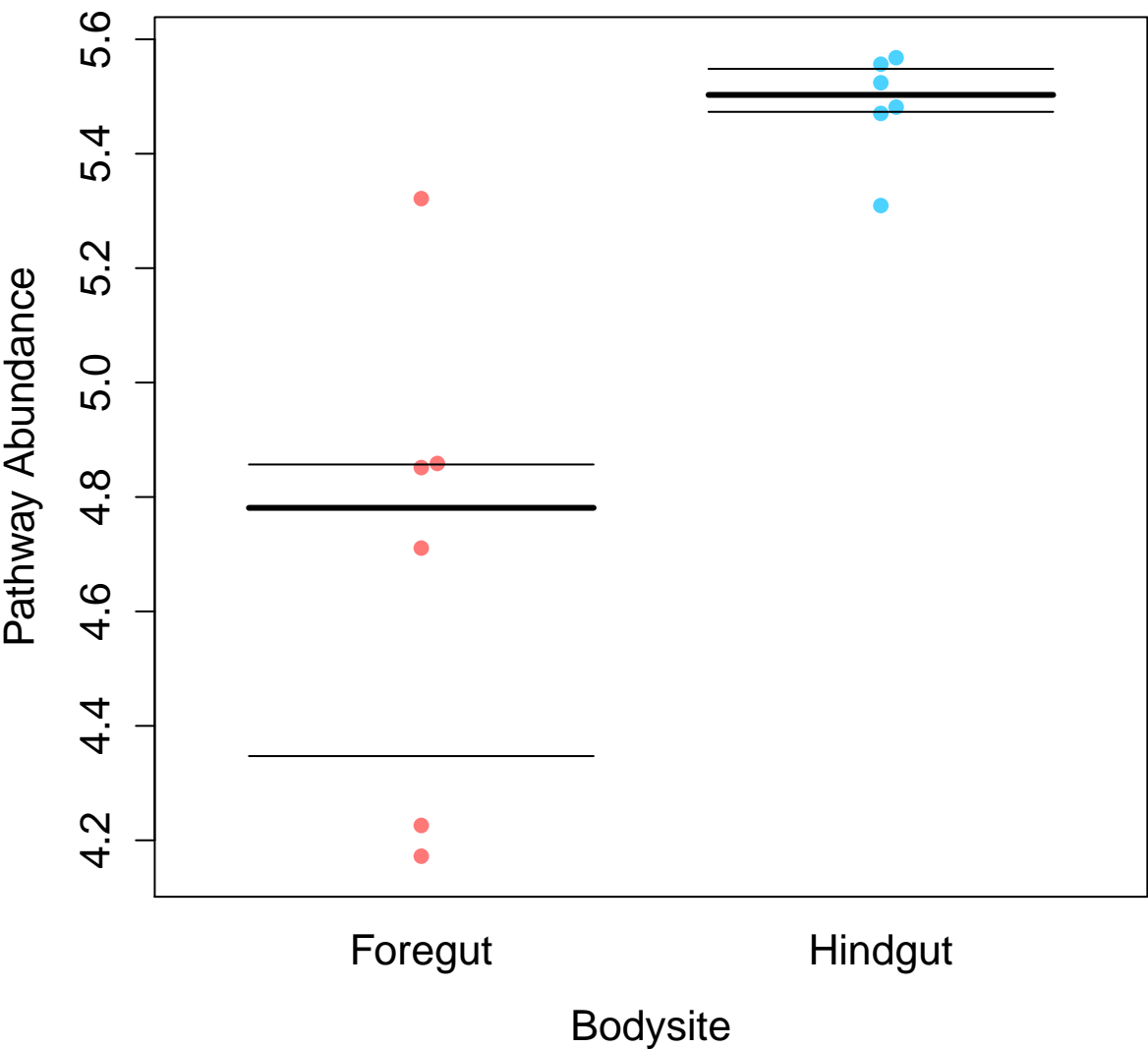
Carbon fixation in photosynthetic organisms



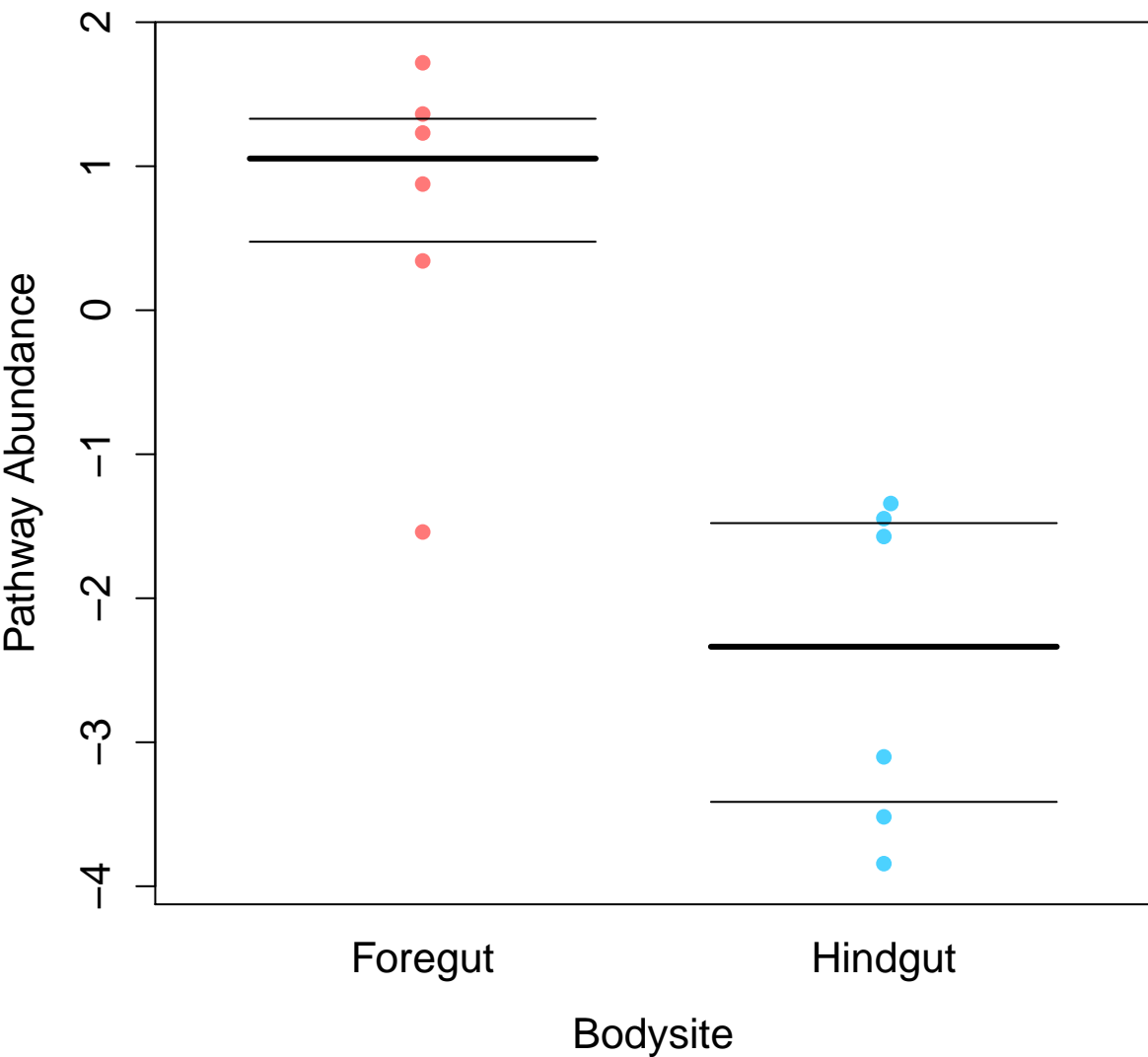
Purine metabolism



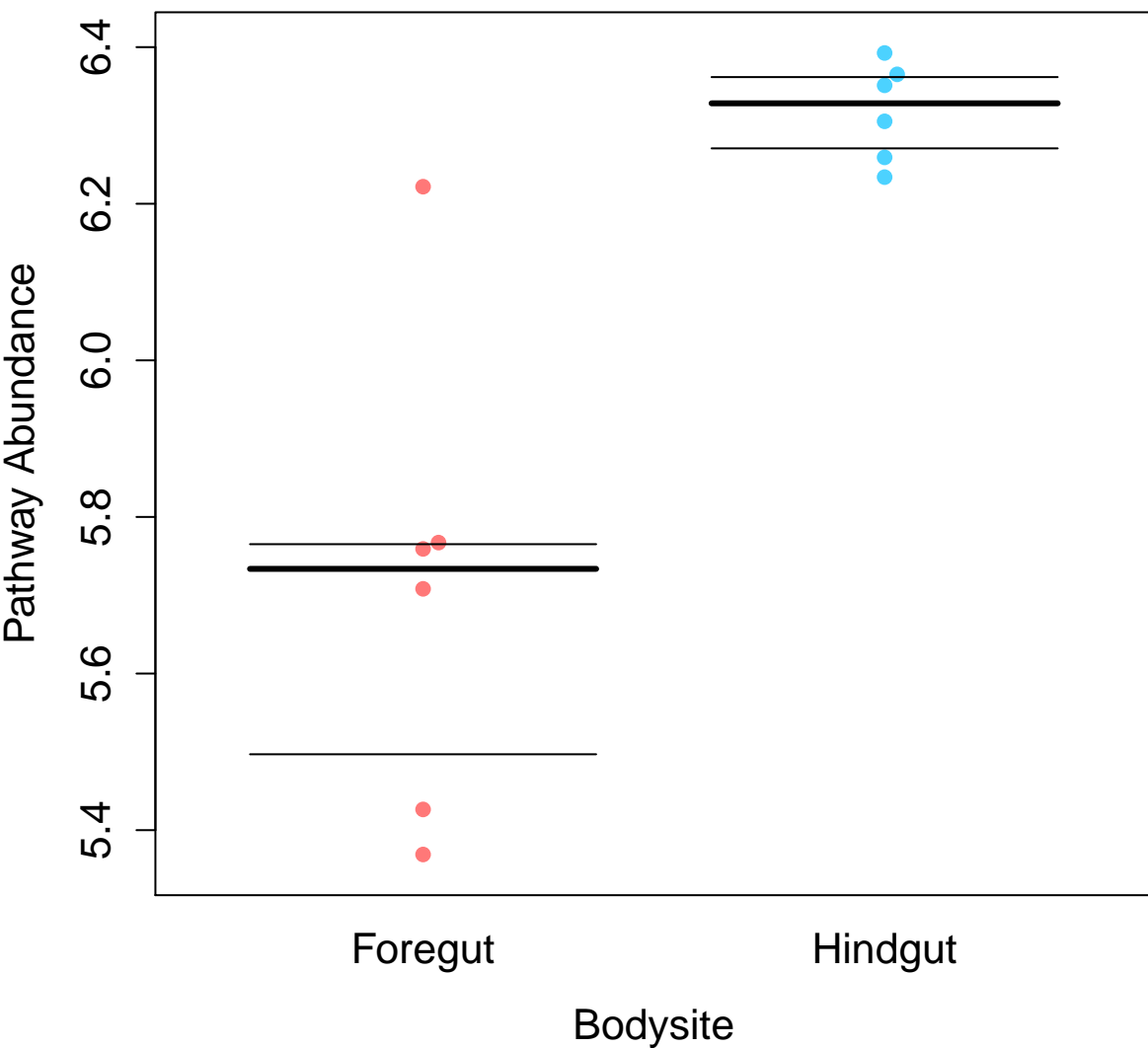
Starch and sucrose metabolism



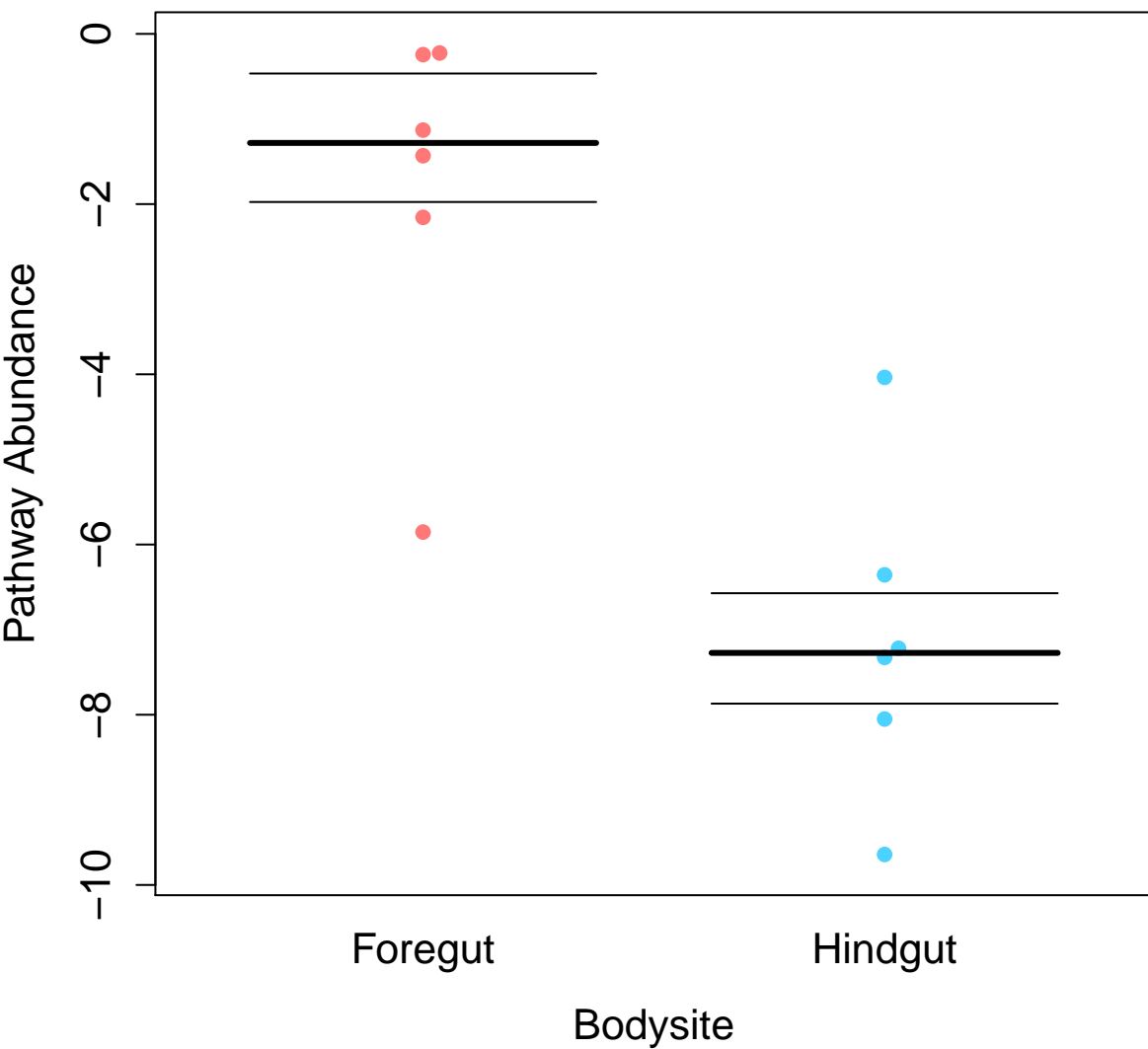
Parkinson's disease



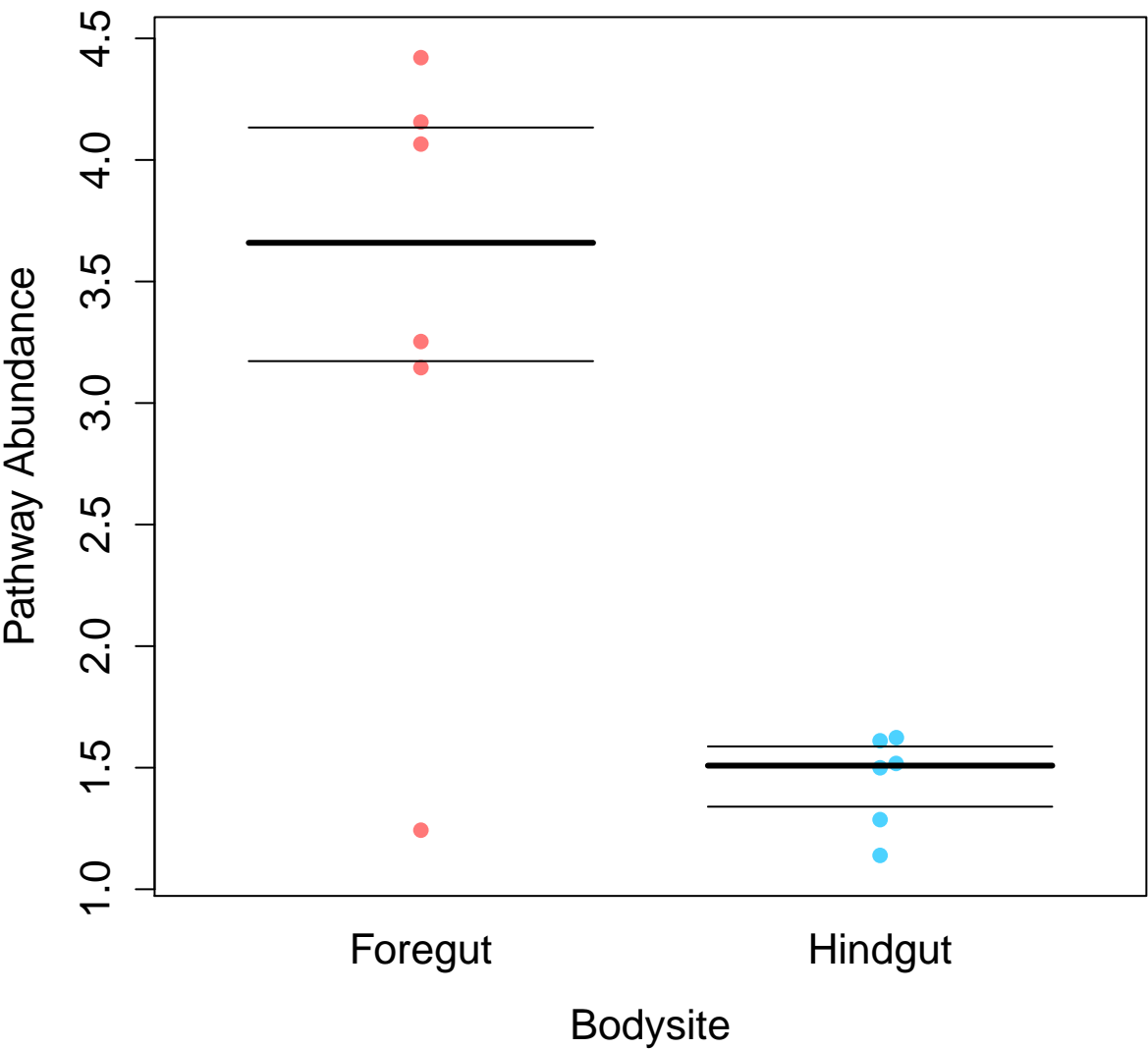
Ribosome



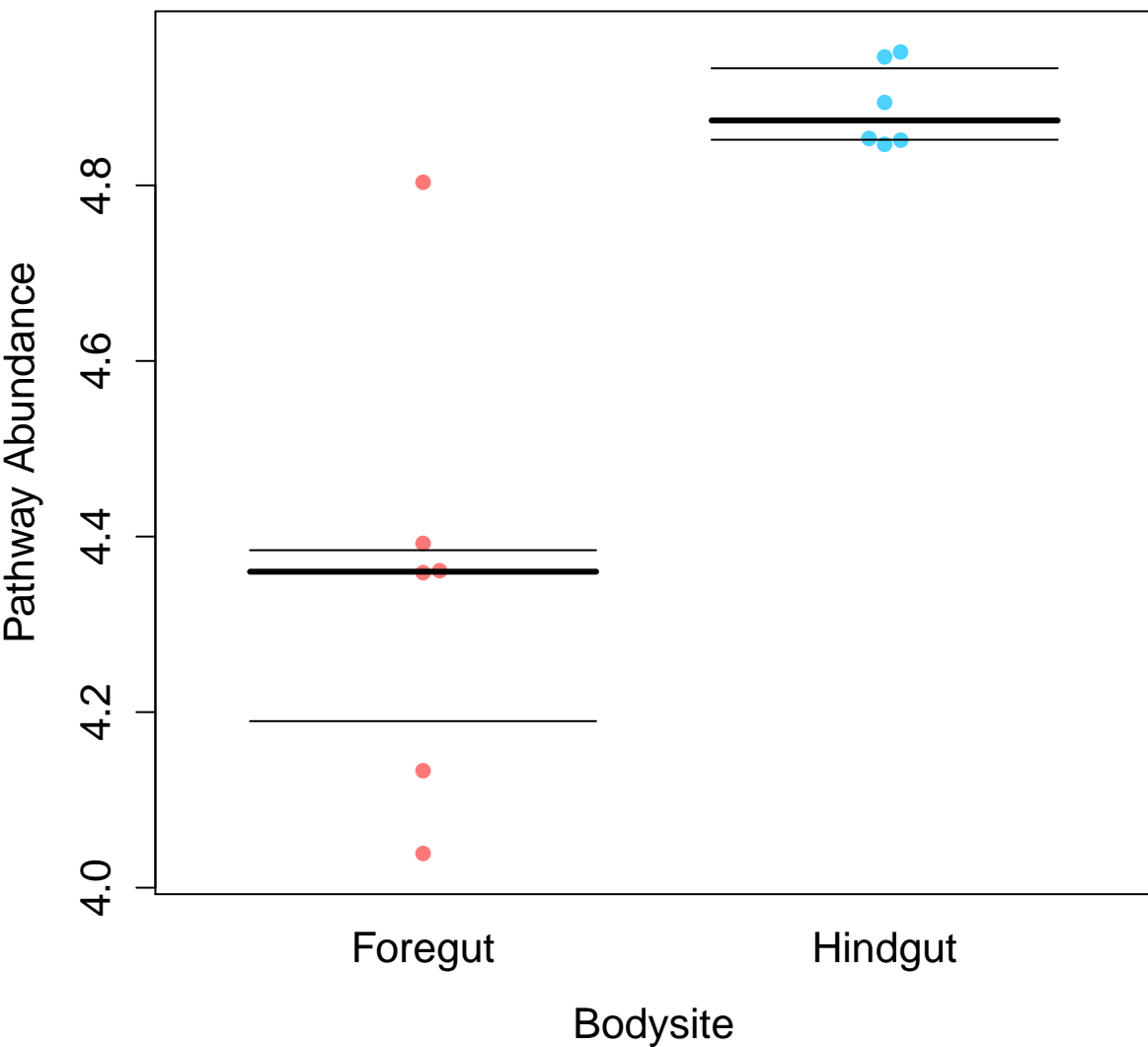
Bladder cancer



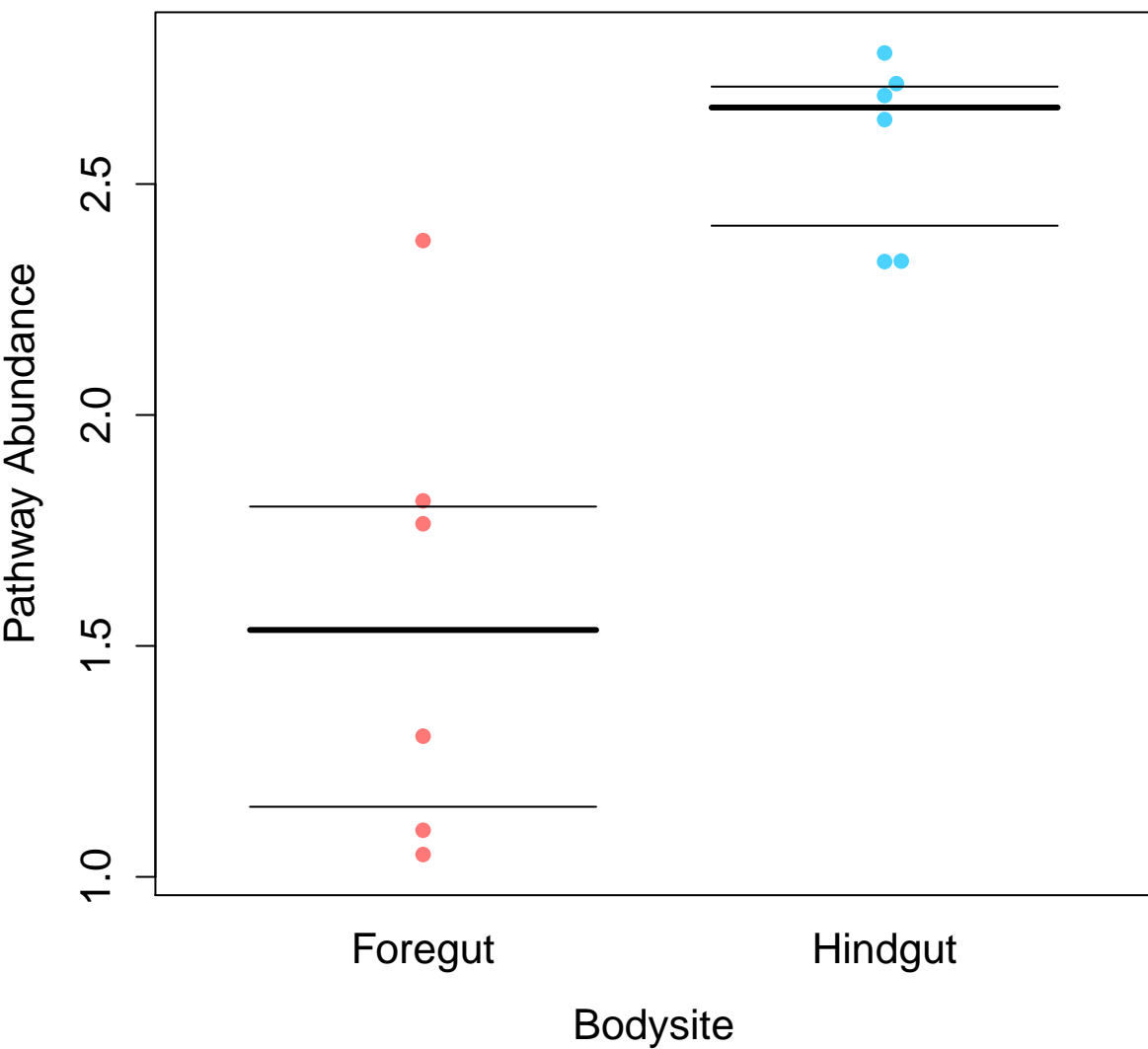
Geraniol degradation



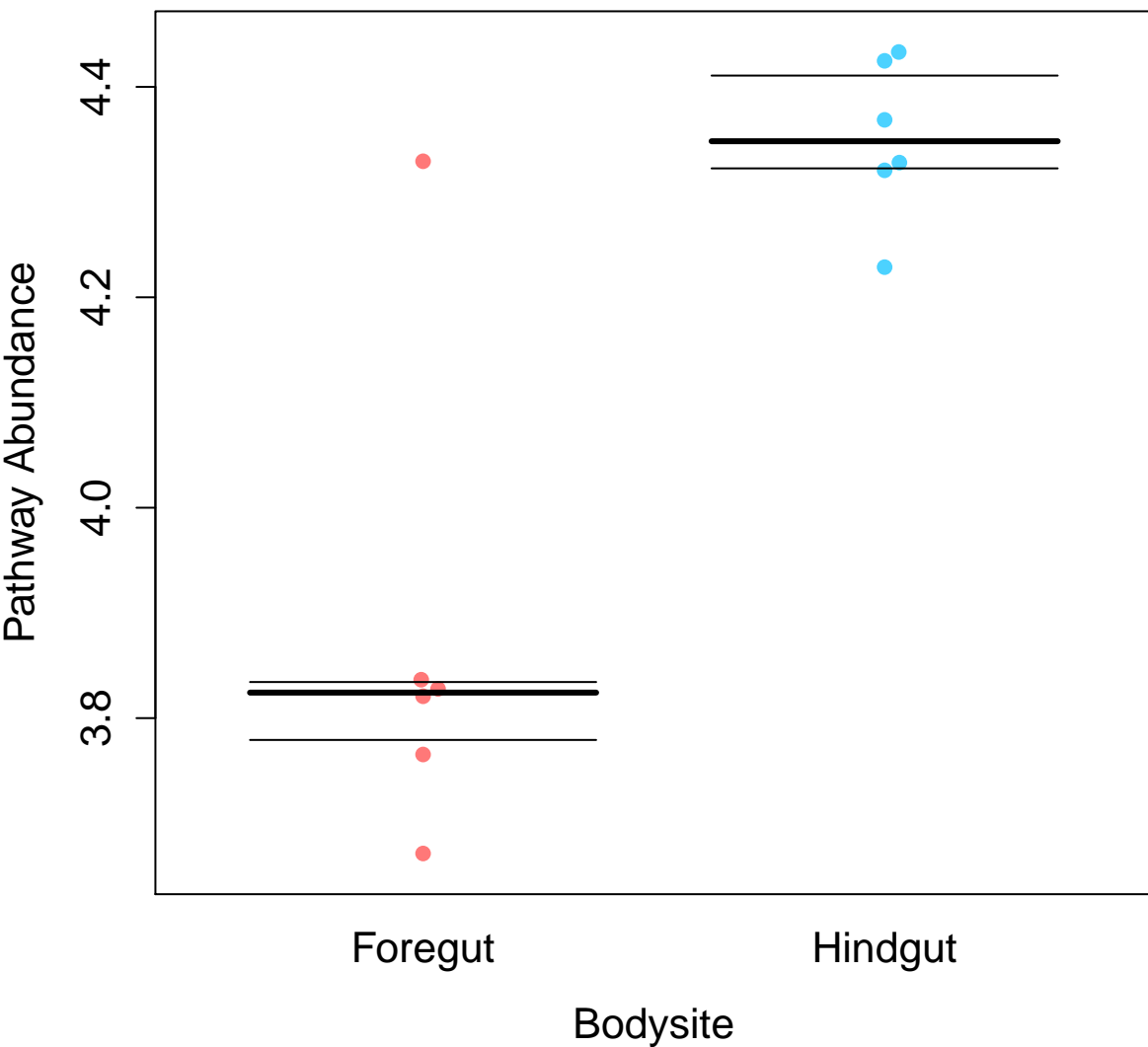
Terpenoid backbone biosynthesis



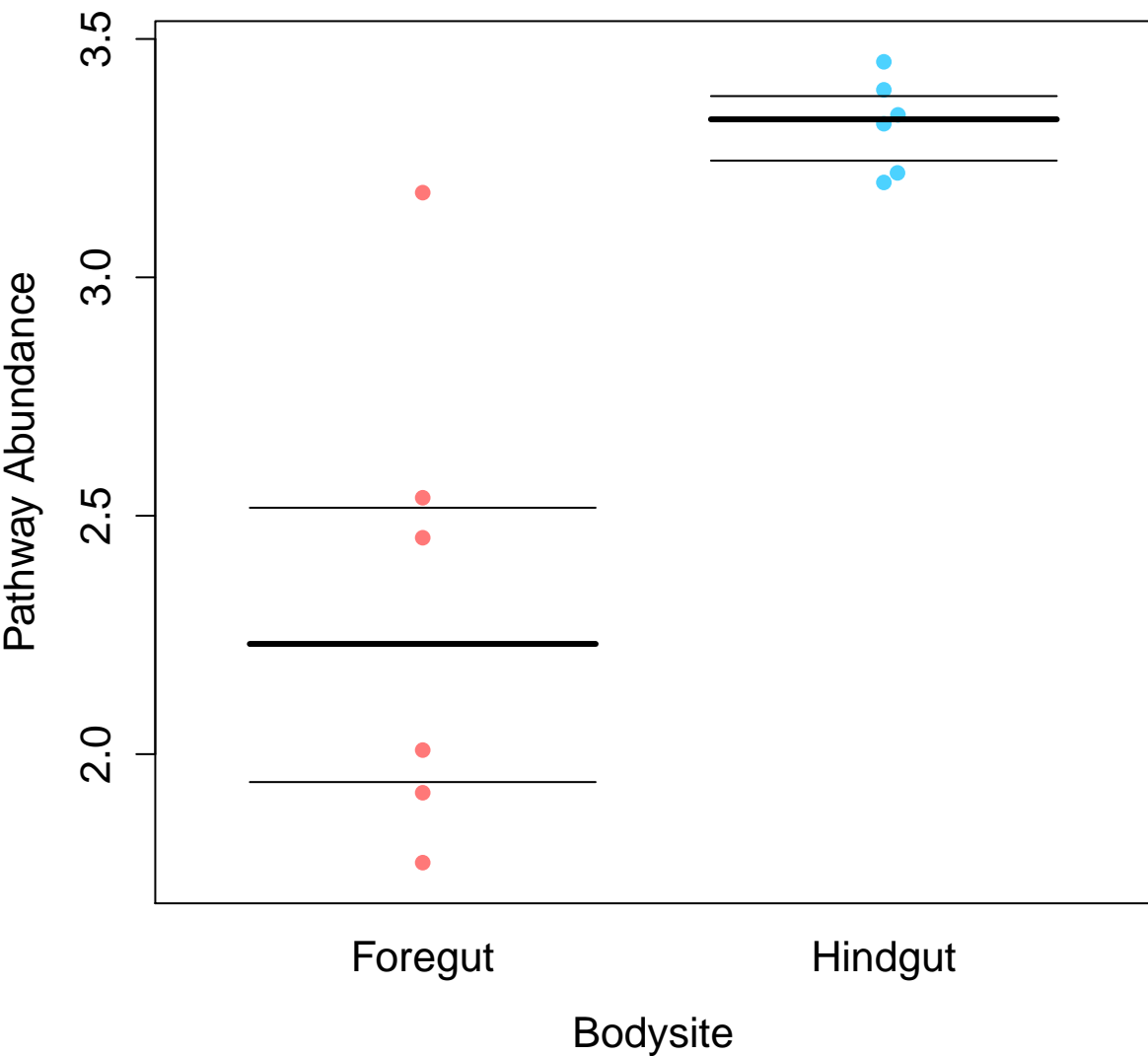
Type II diabetes mellitus



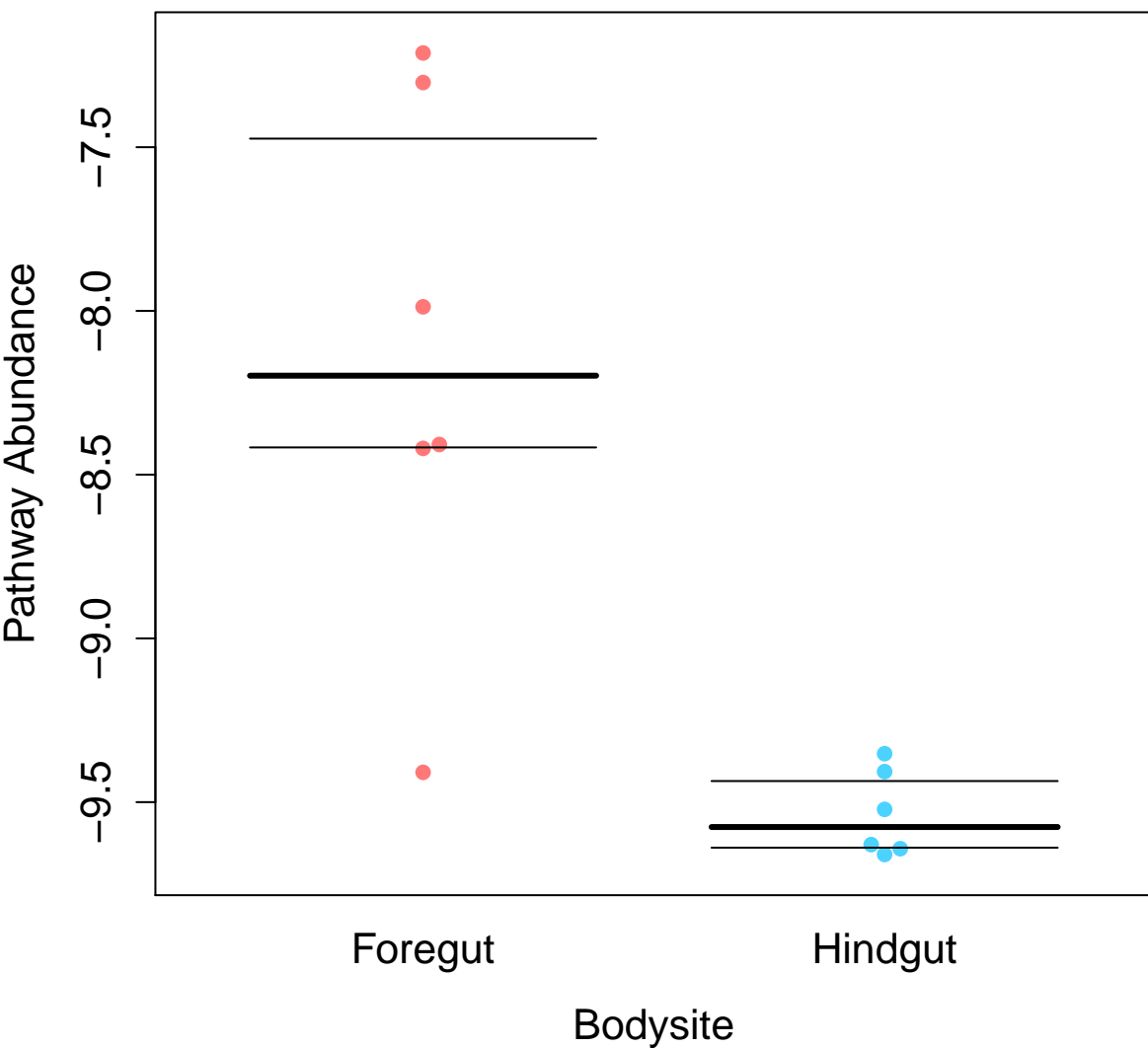
Selenocompound metabolism



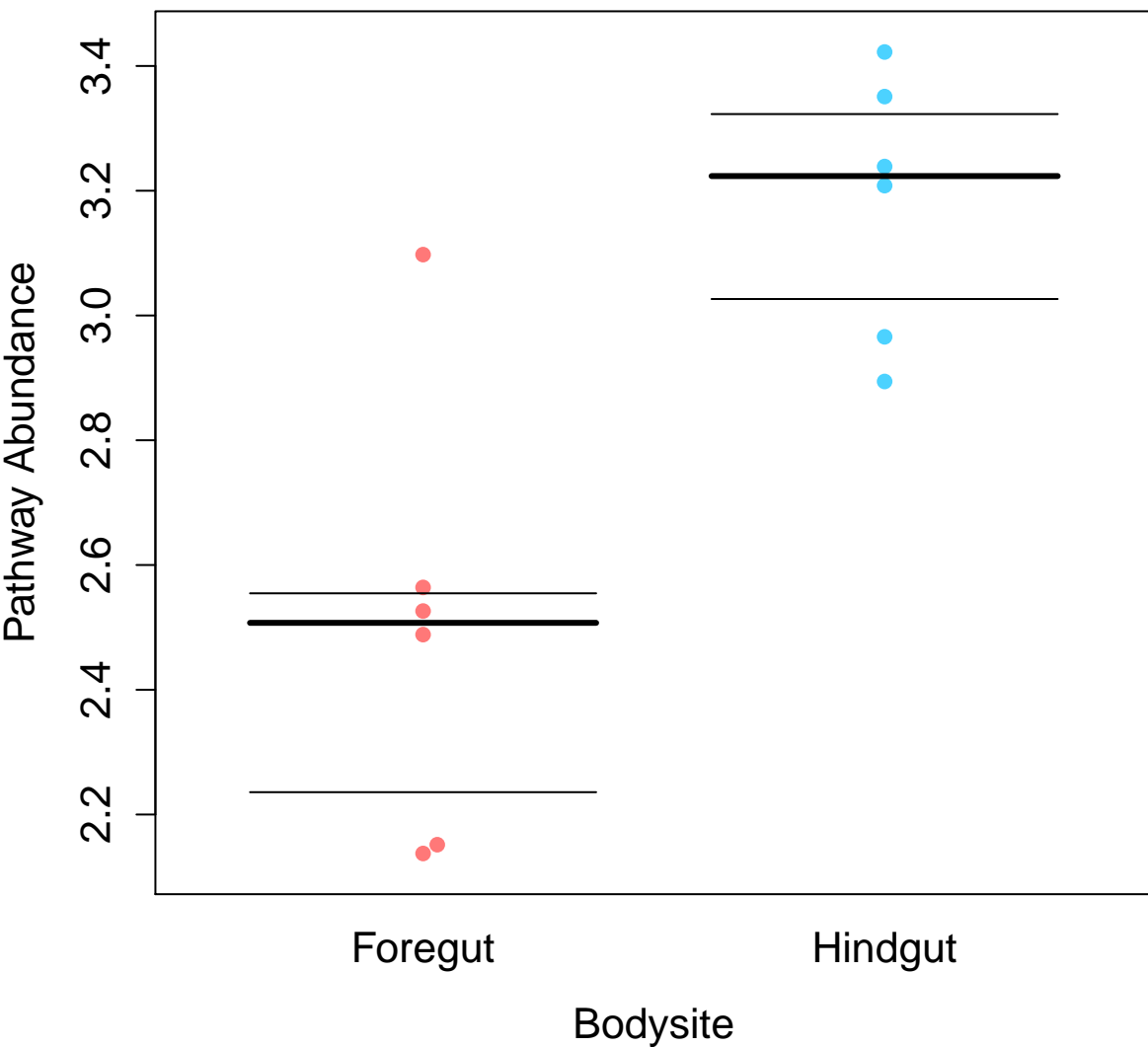
Bacterial toxins



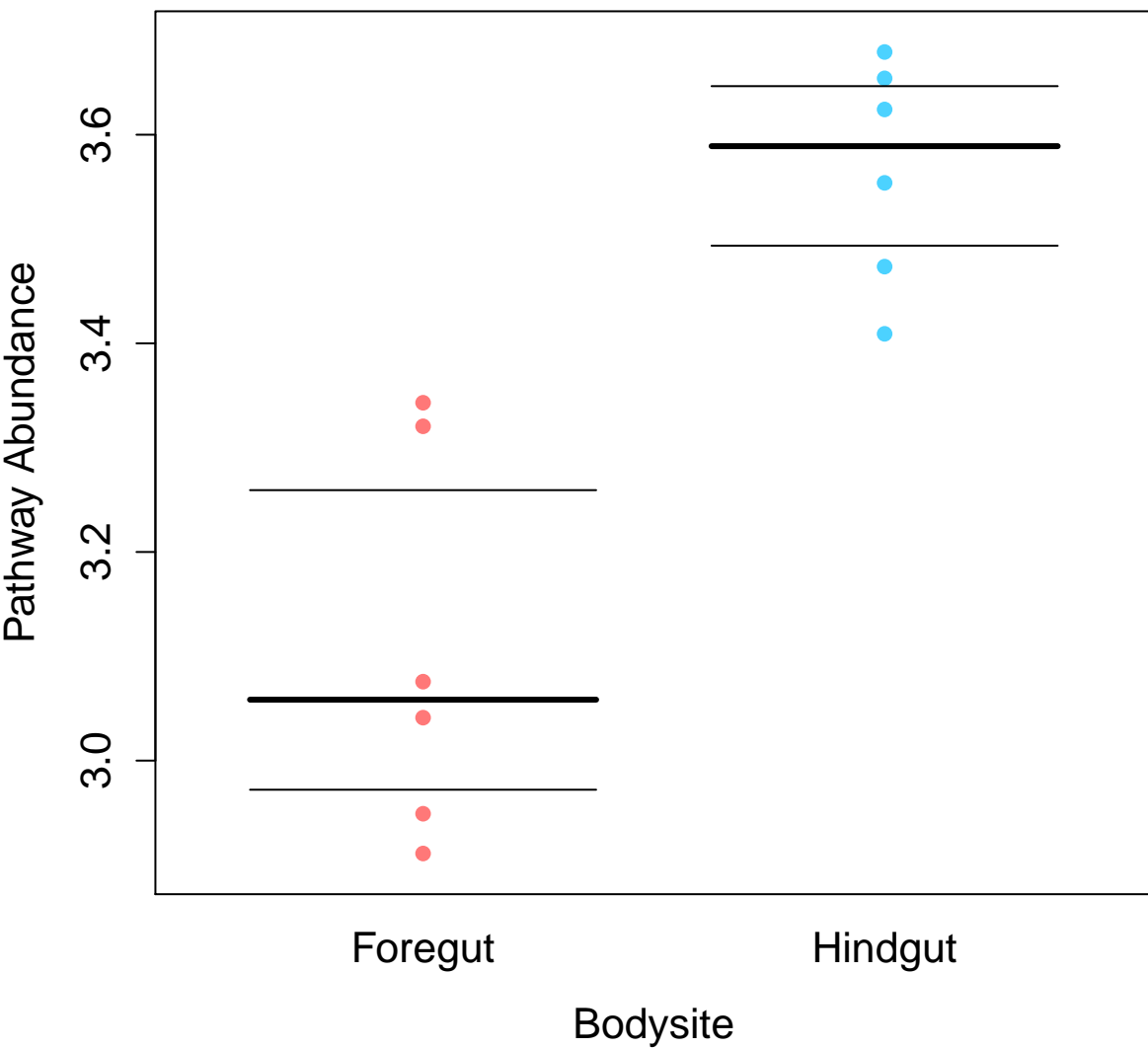
Glycosaminoglycan biosynthesis – chondroitin sulfate



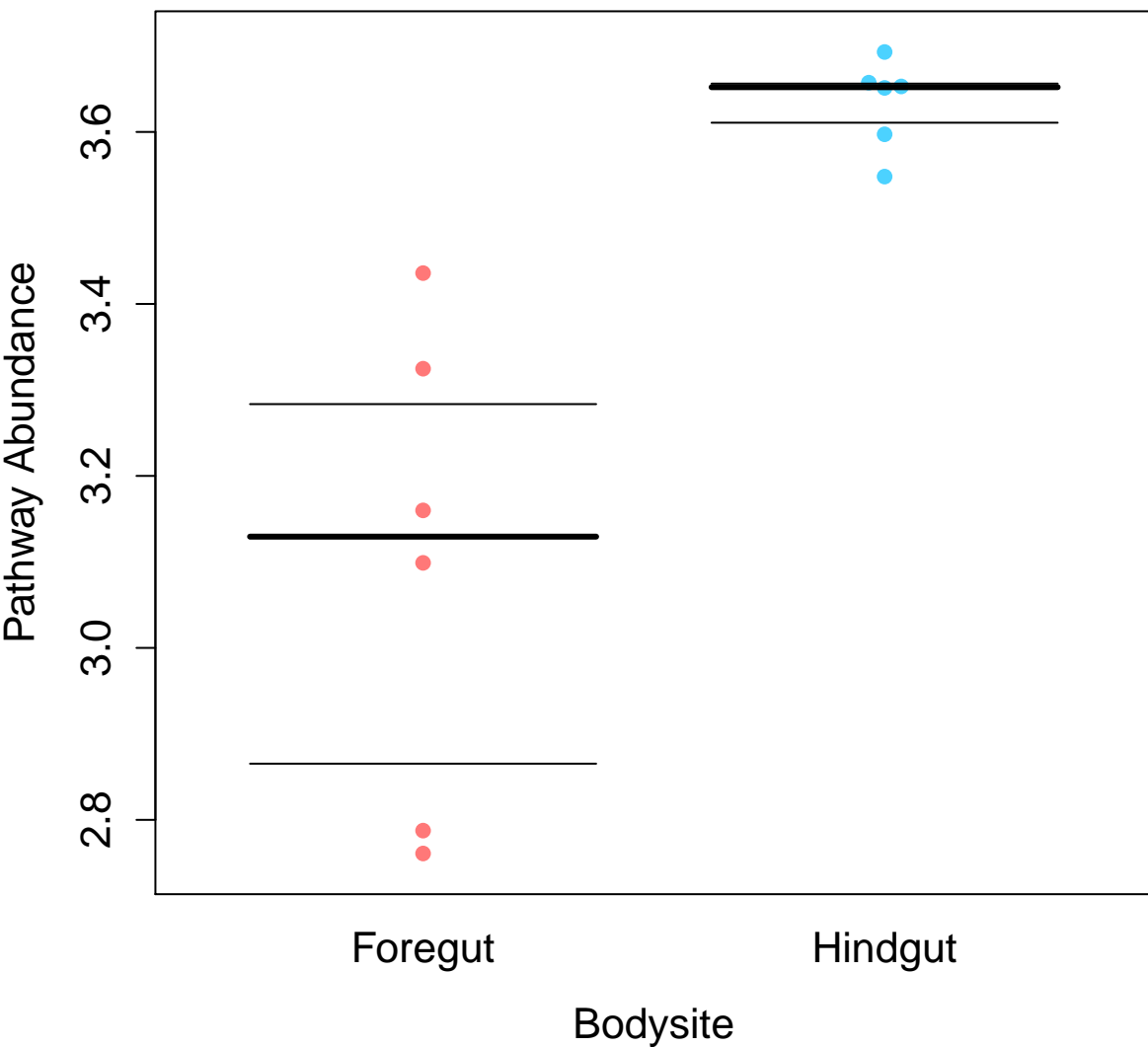
Insulin signaling pathway



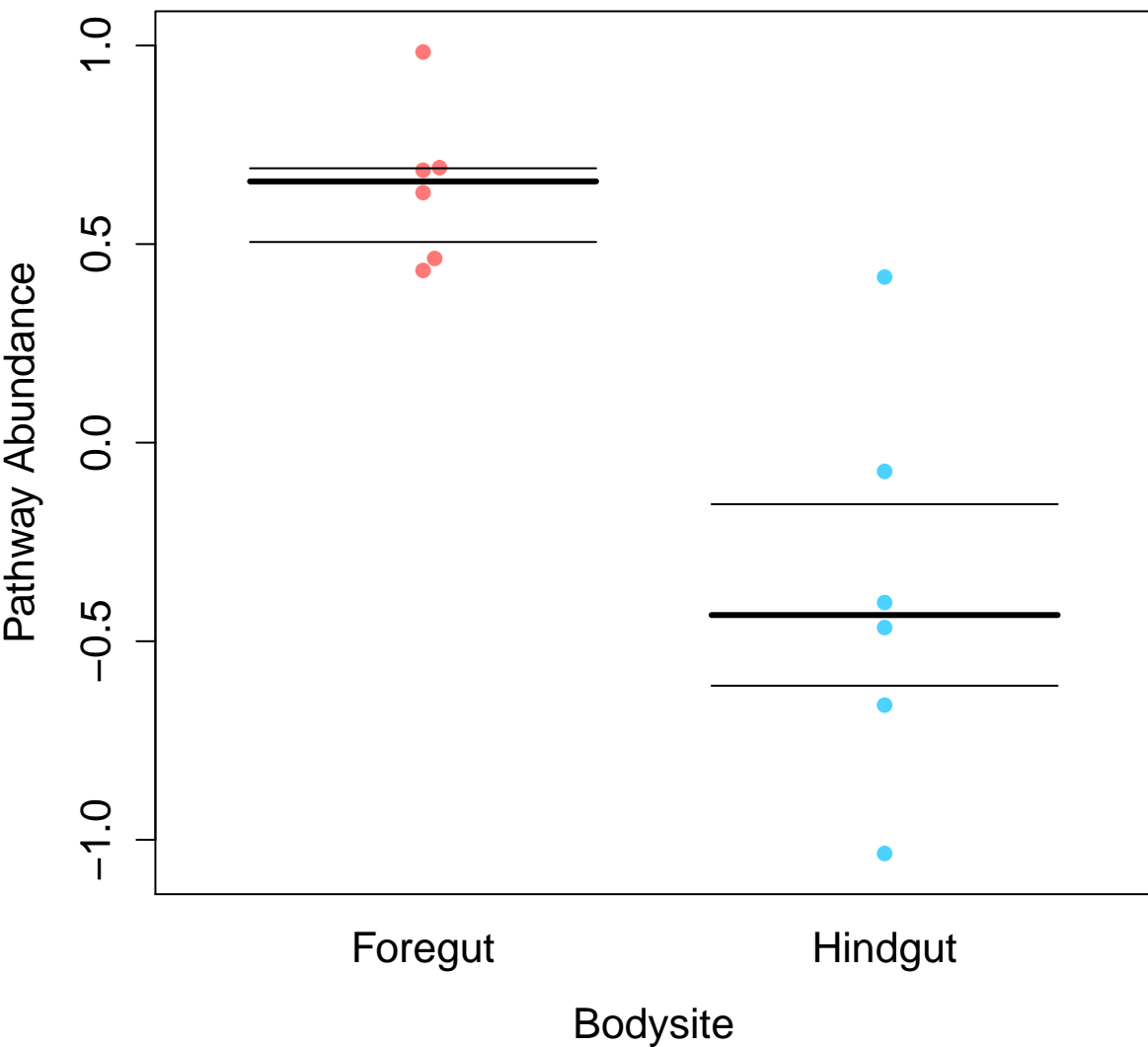
Lipid metabolism



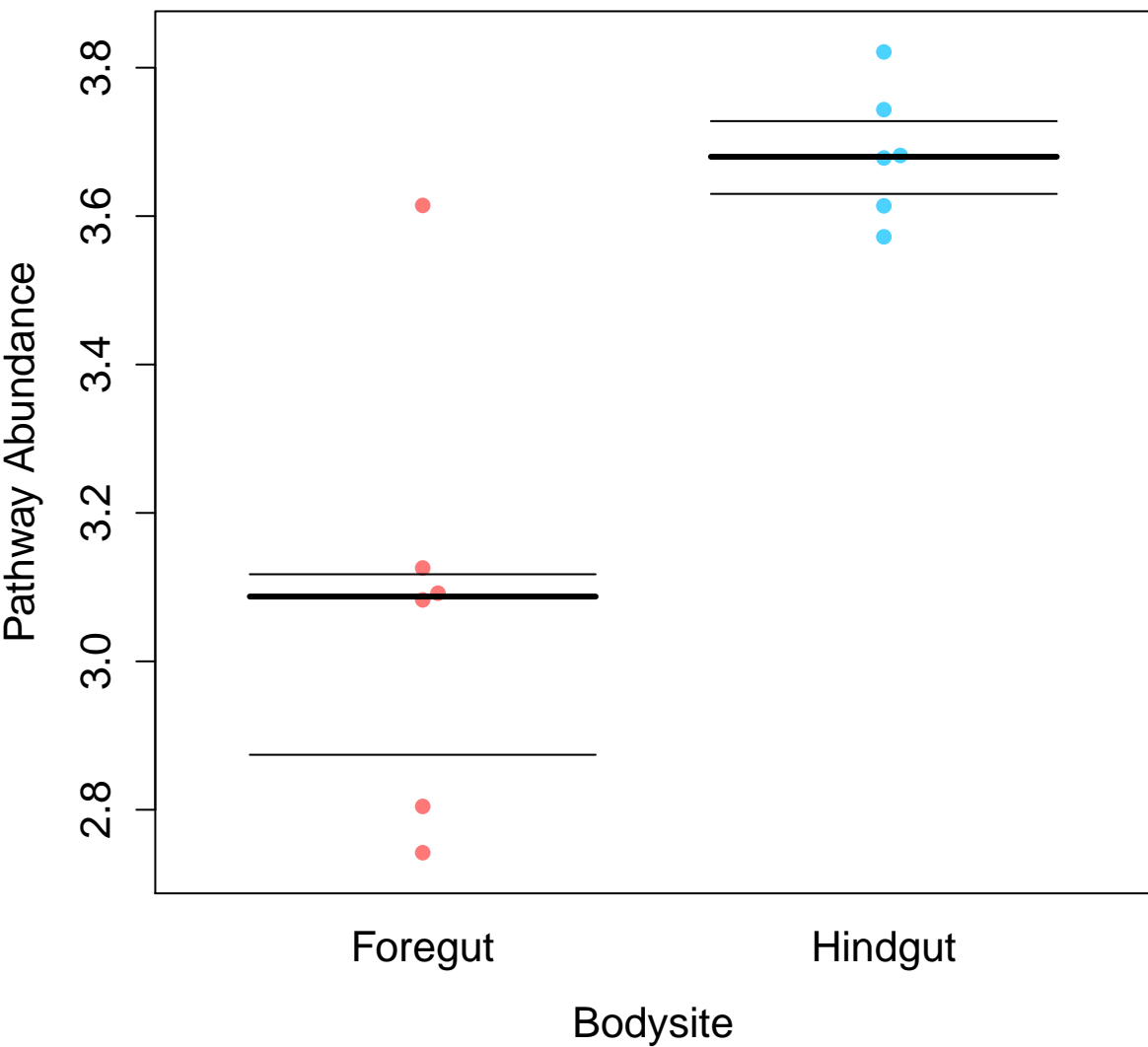
Plant-pathogen interaction



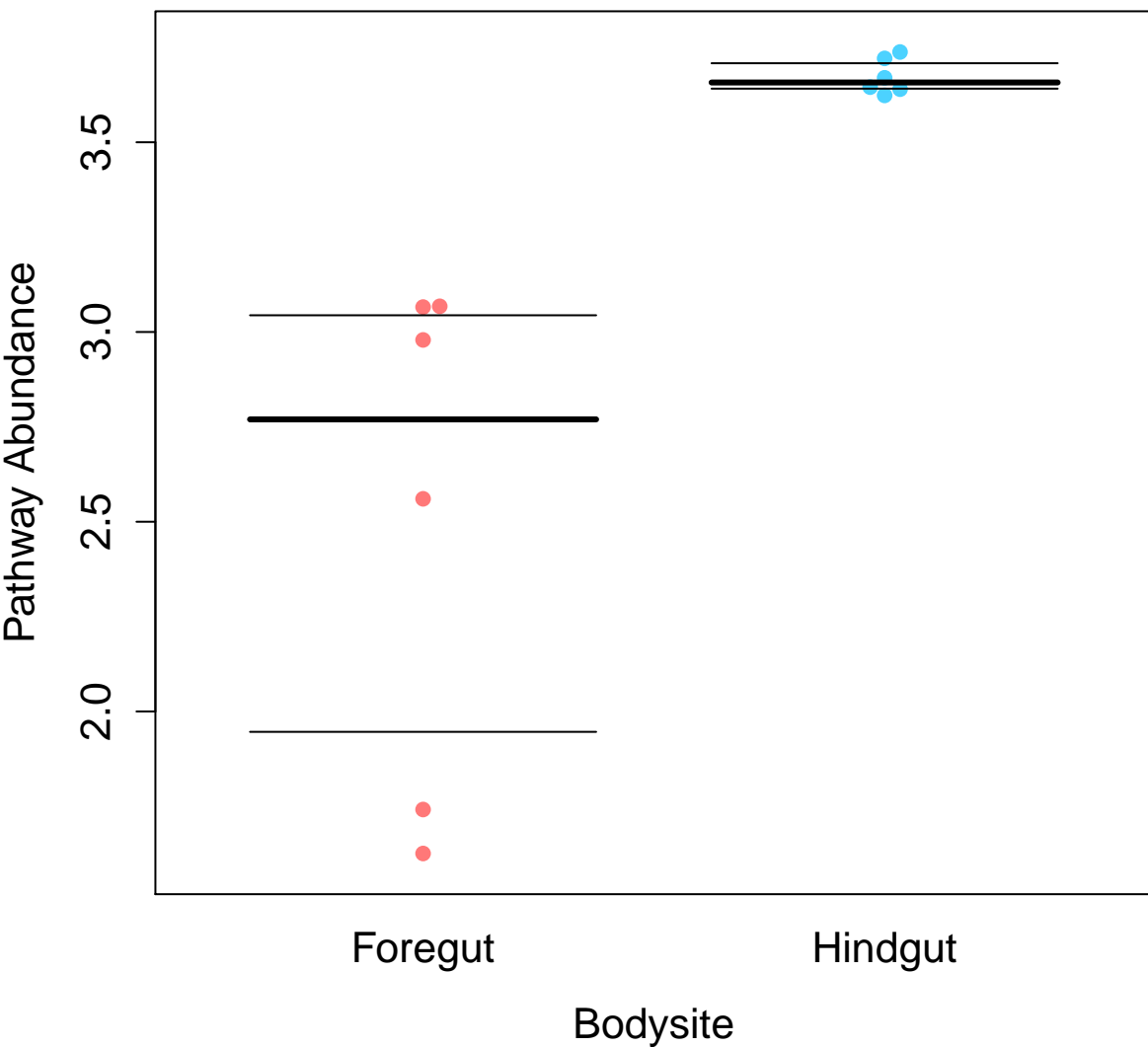
Transcription related proteins



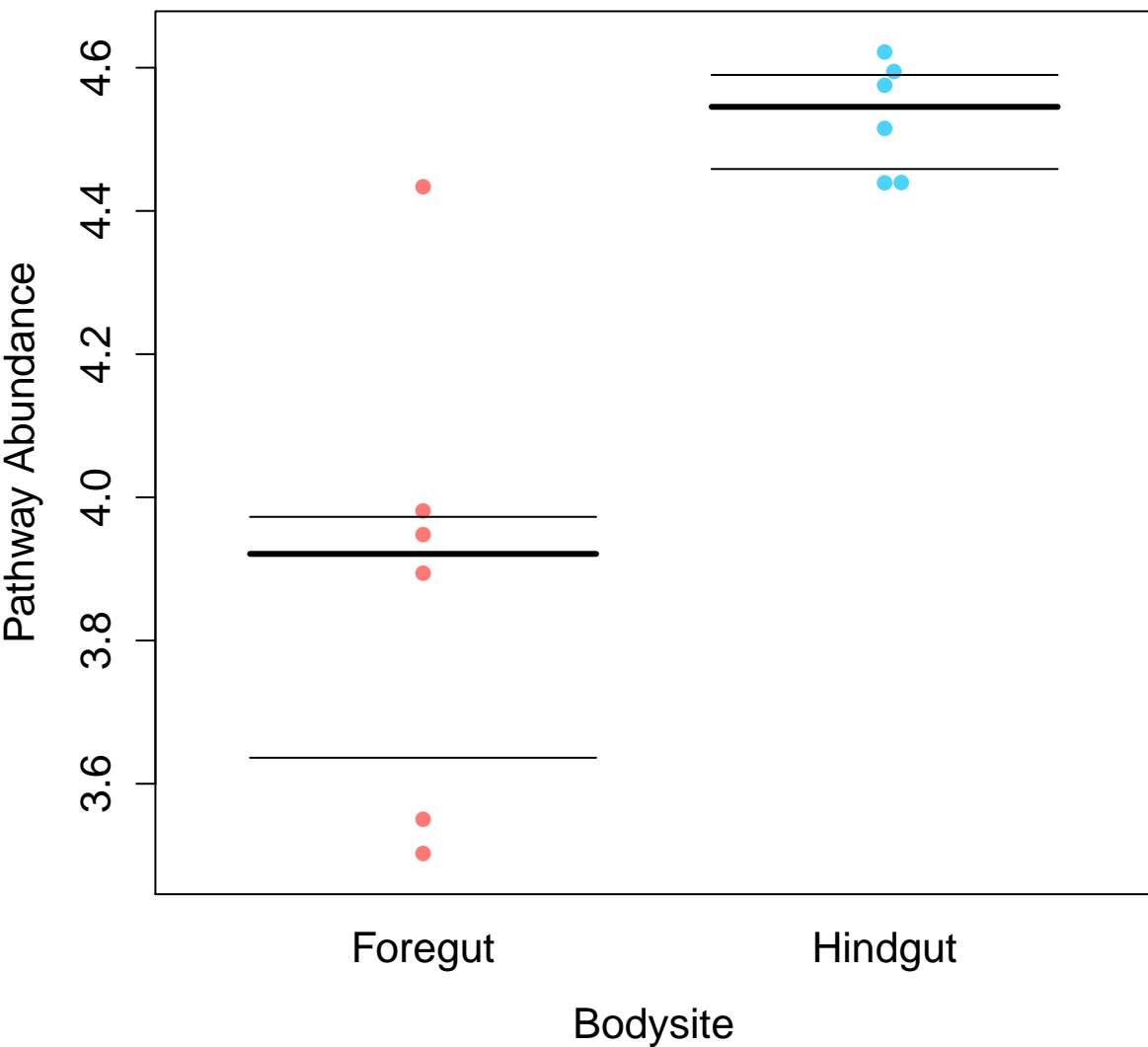
RNA polymerase



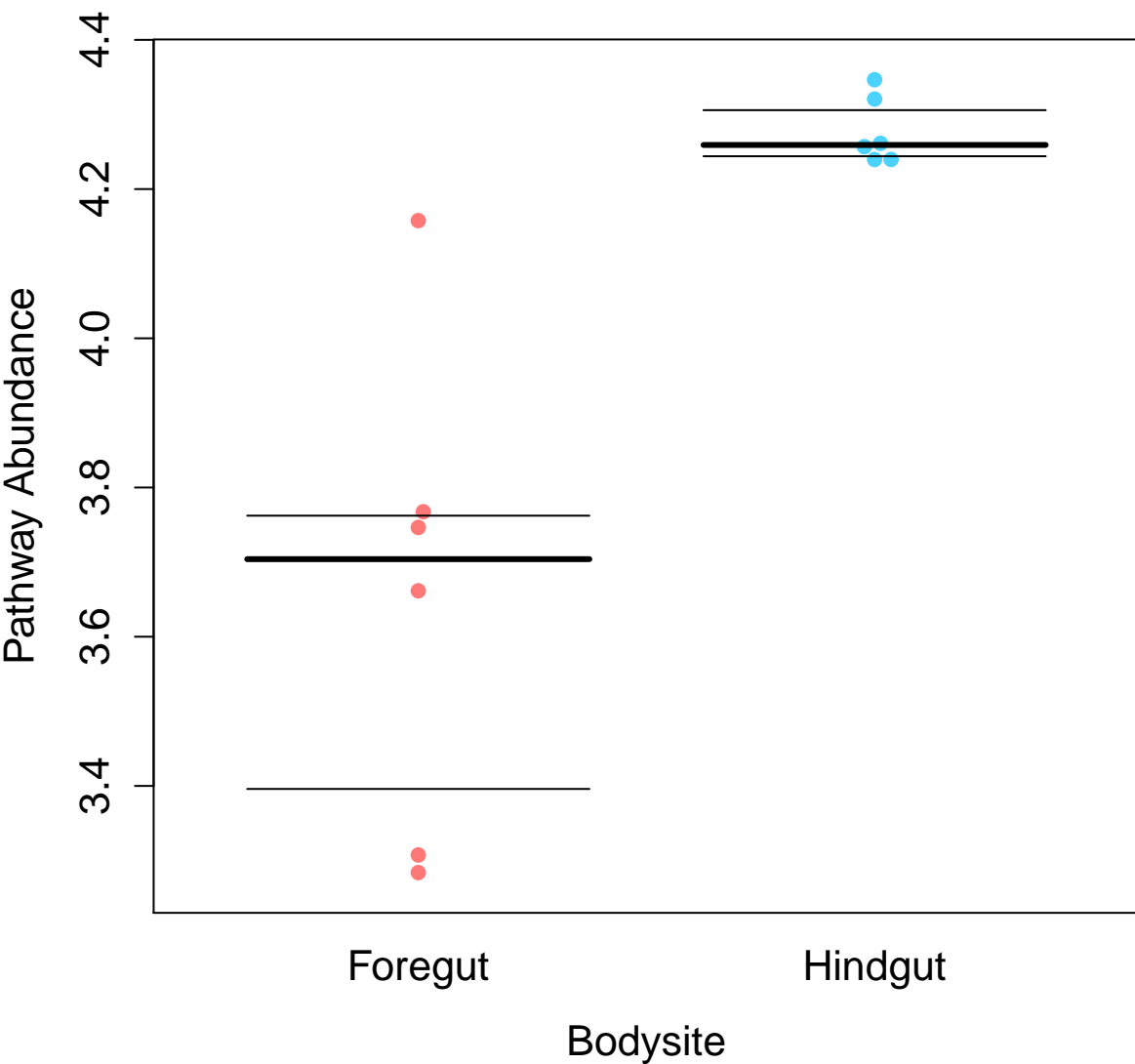
Sphingolipid metabolism



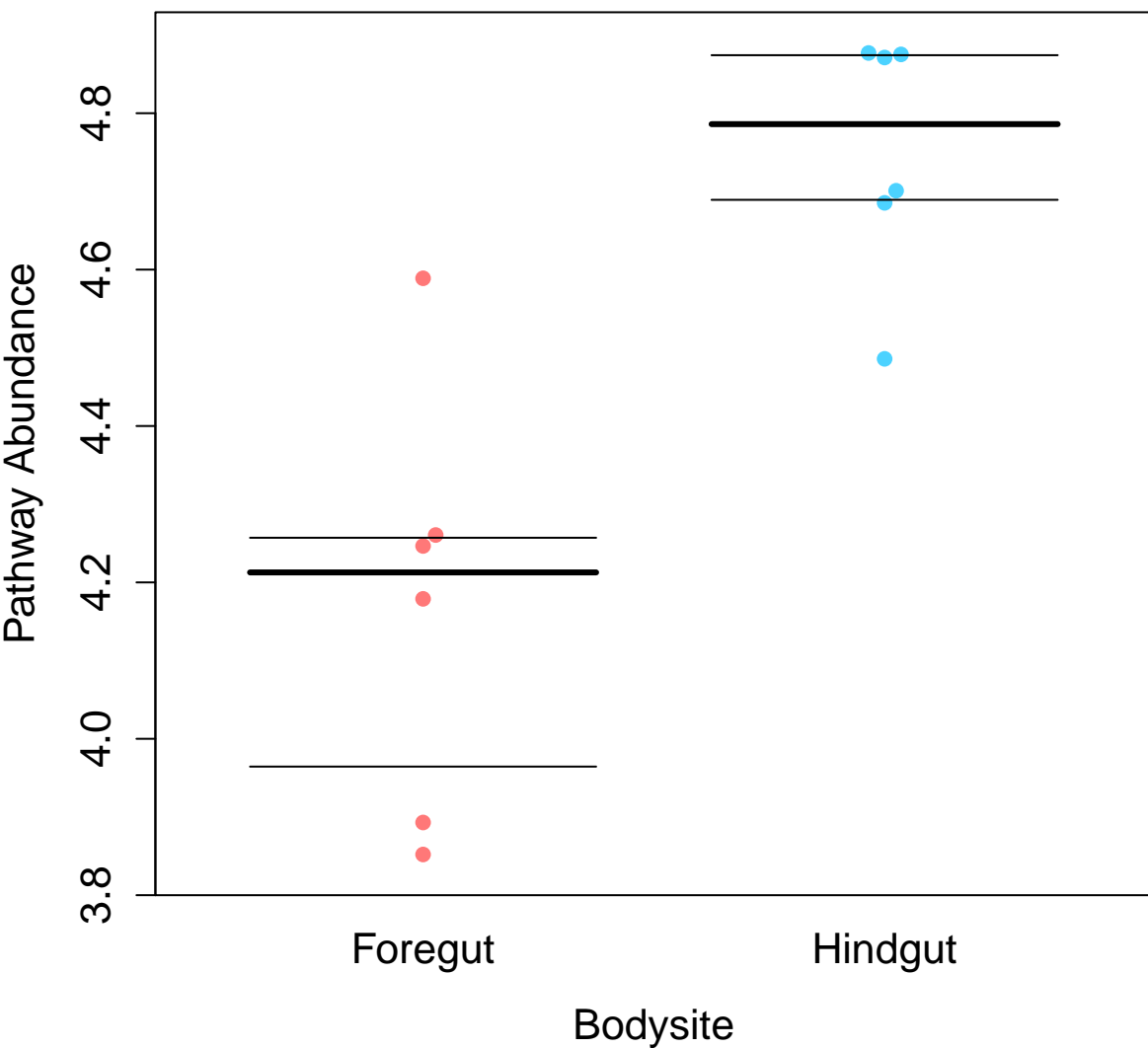
Nucleotide excision repair



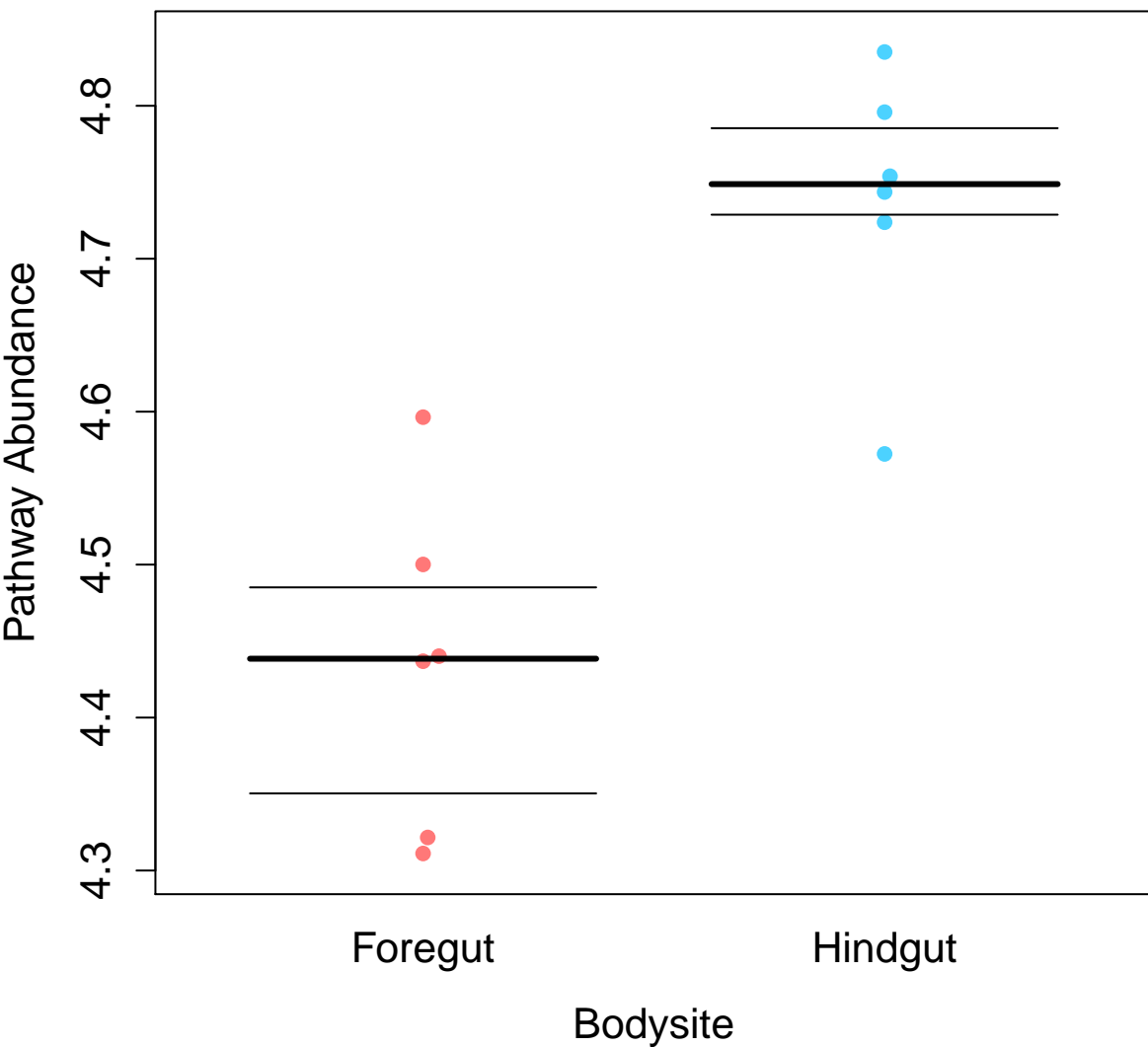
Drug metabolism – other enzymes



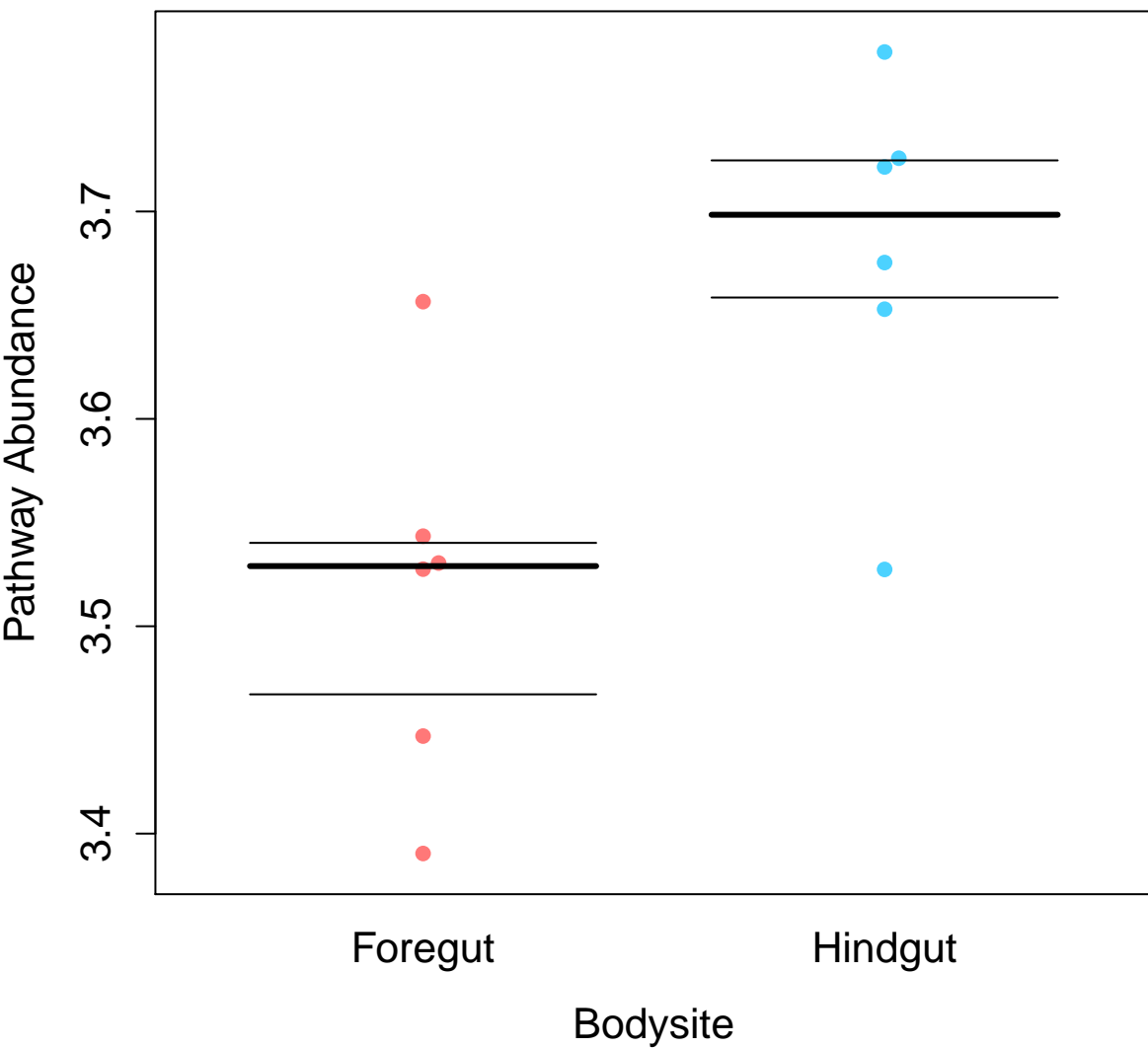
Bacterial chemotaxis



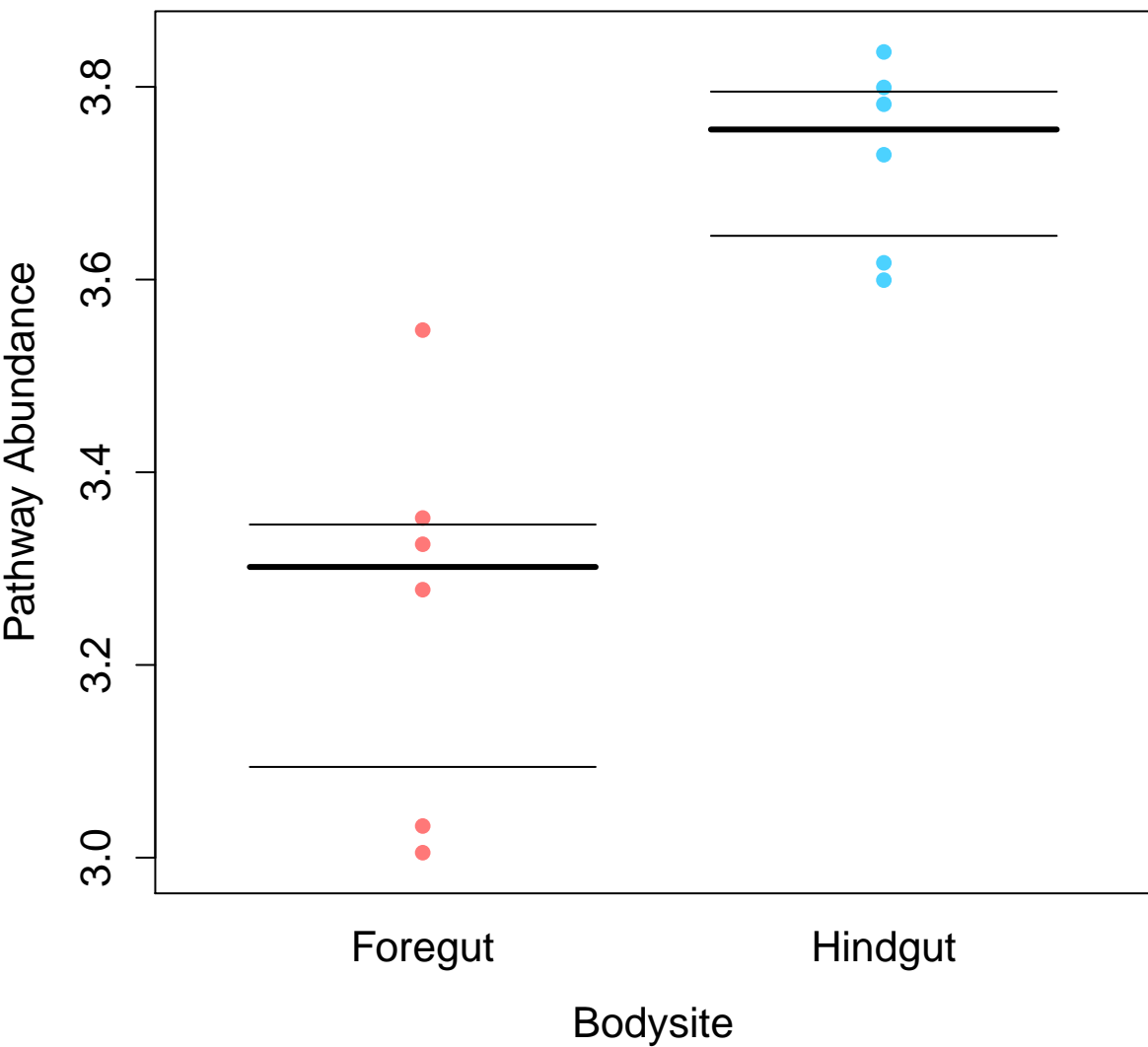
Glyoxylate and dicarboxylate metabolism



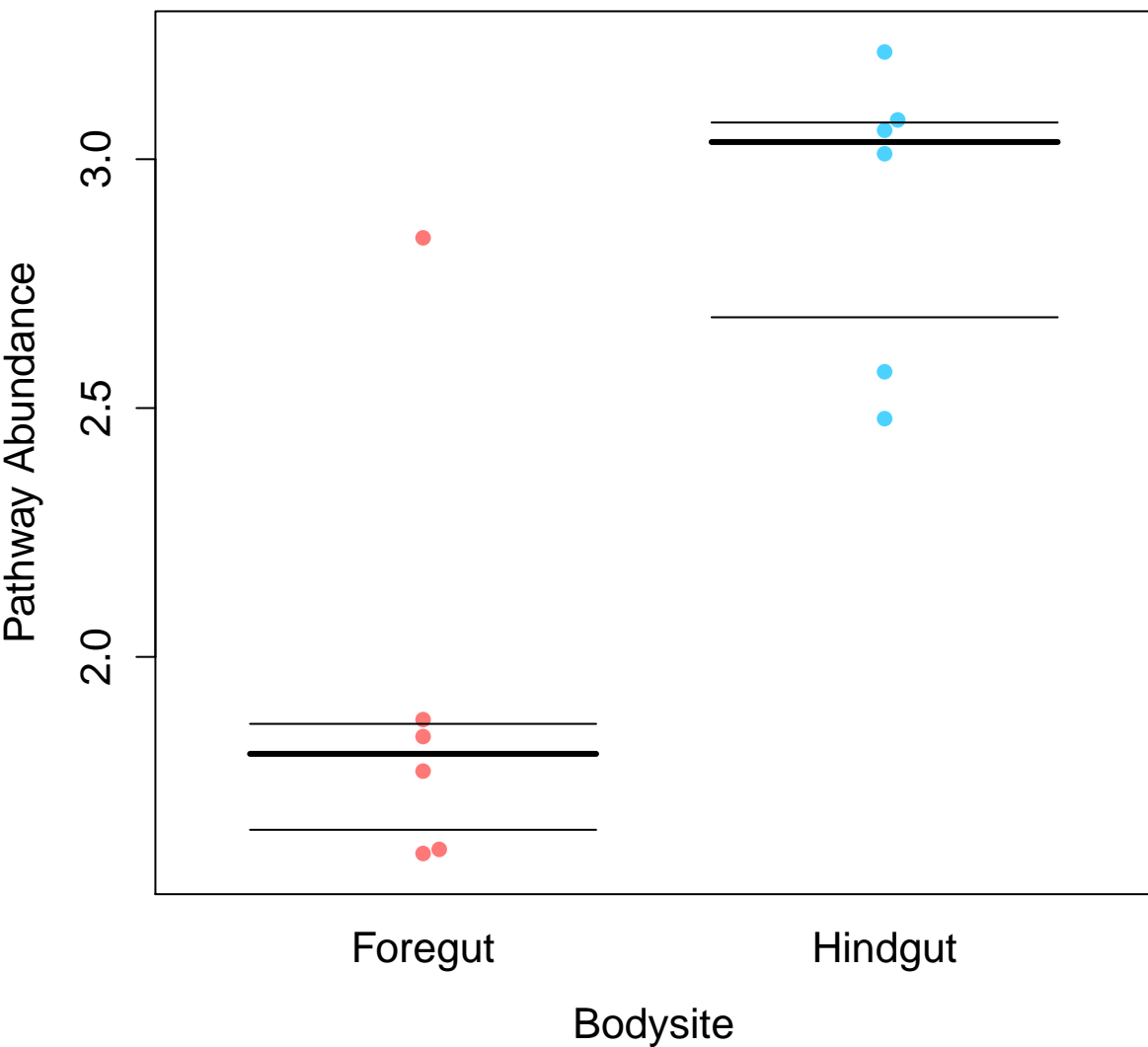
Riboflavin metabolism



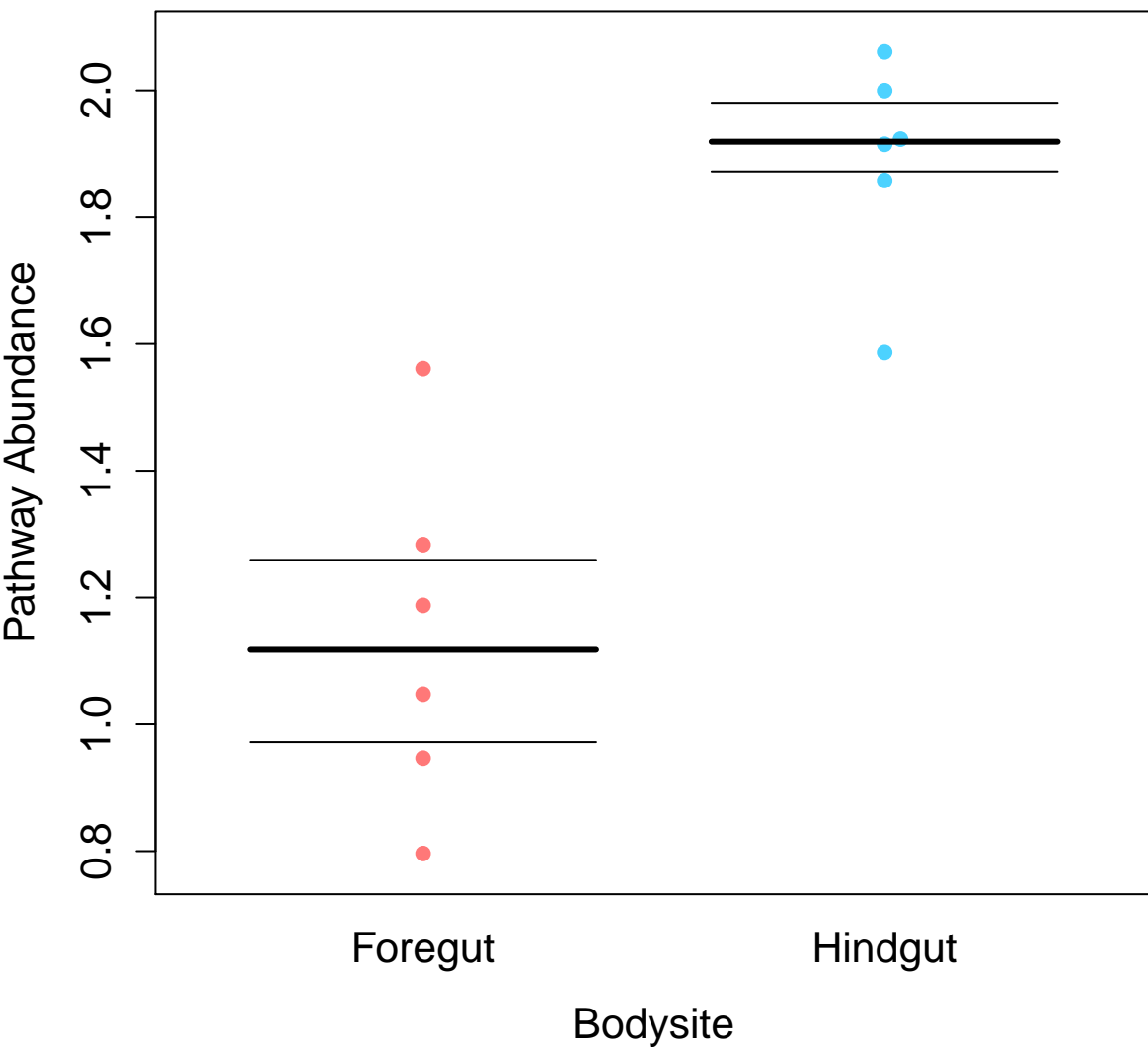
Restriction enzyme



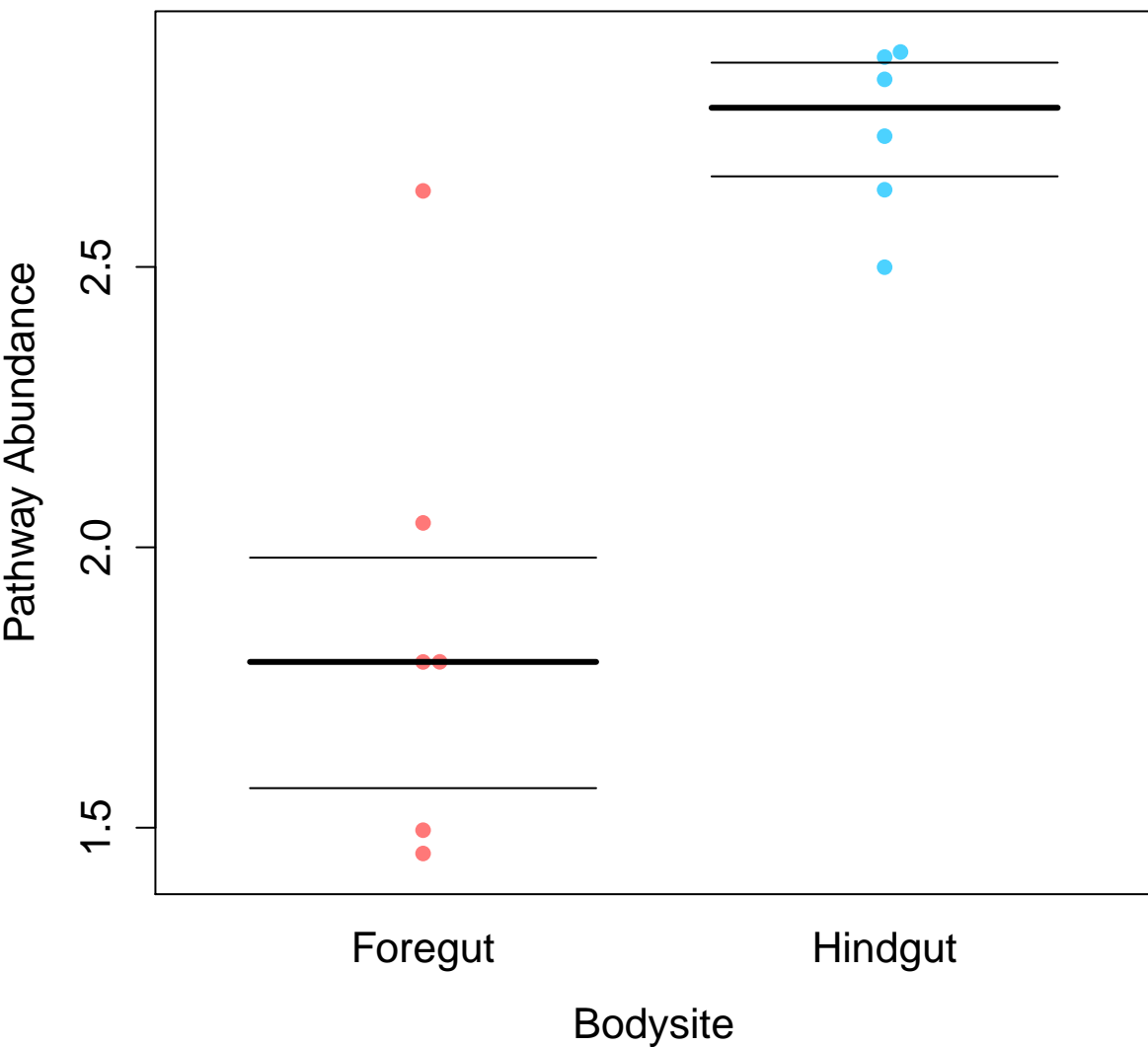
Xylene degradation



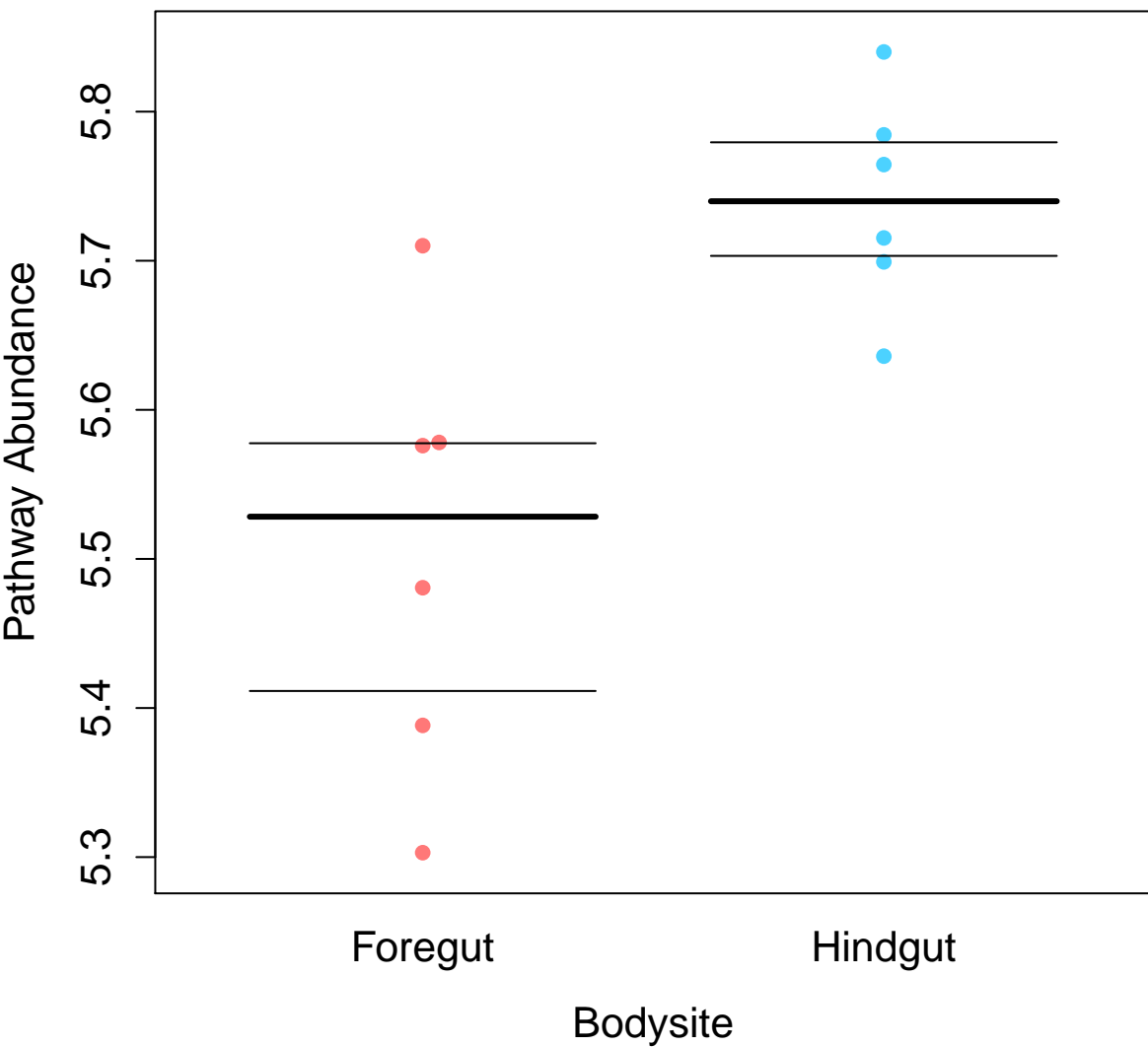
Primary bile acid biosynthesis



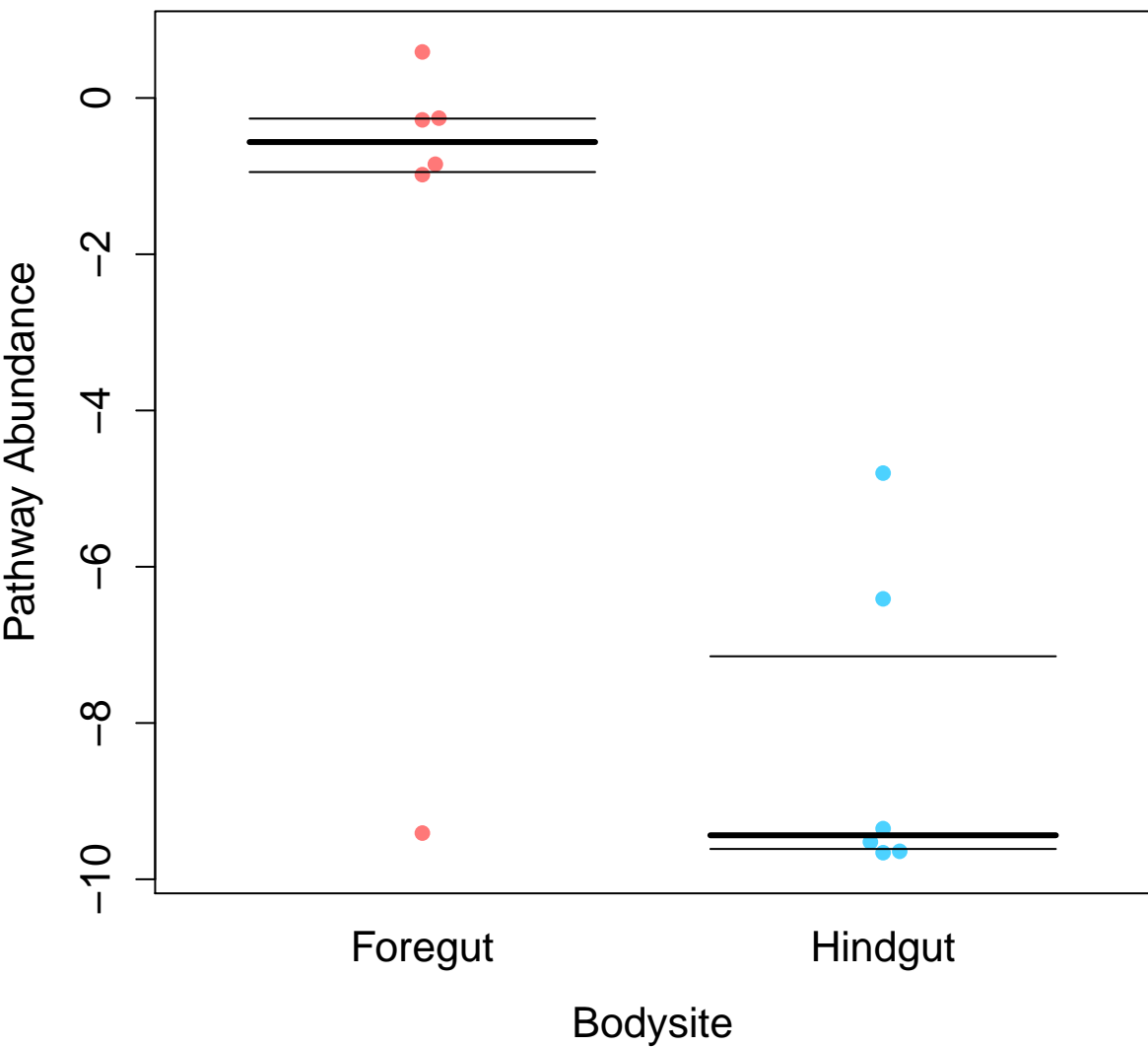
Protein processing in endoplasmic reticulum



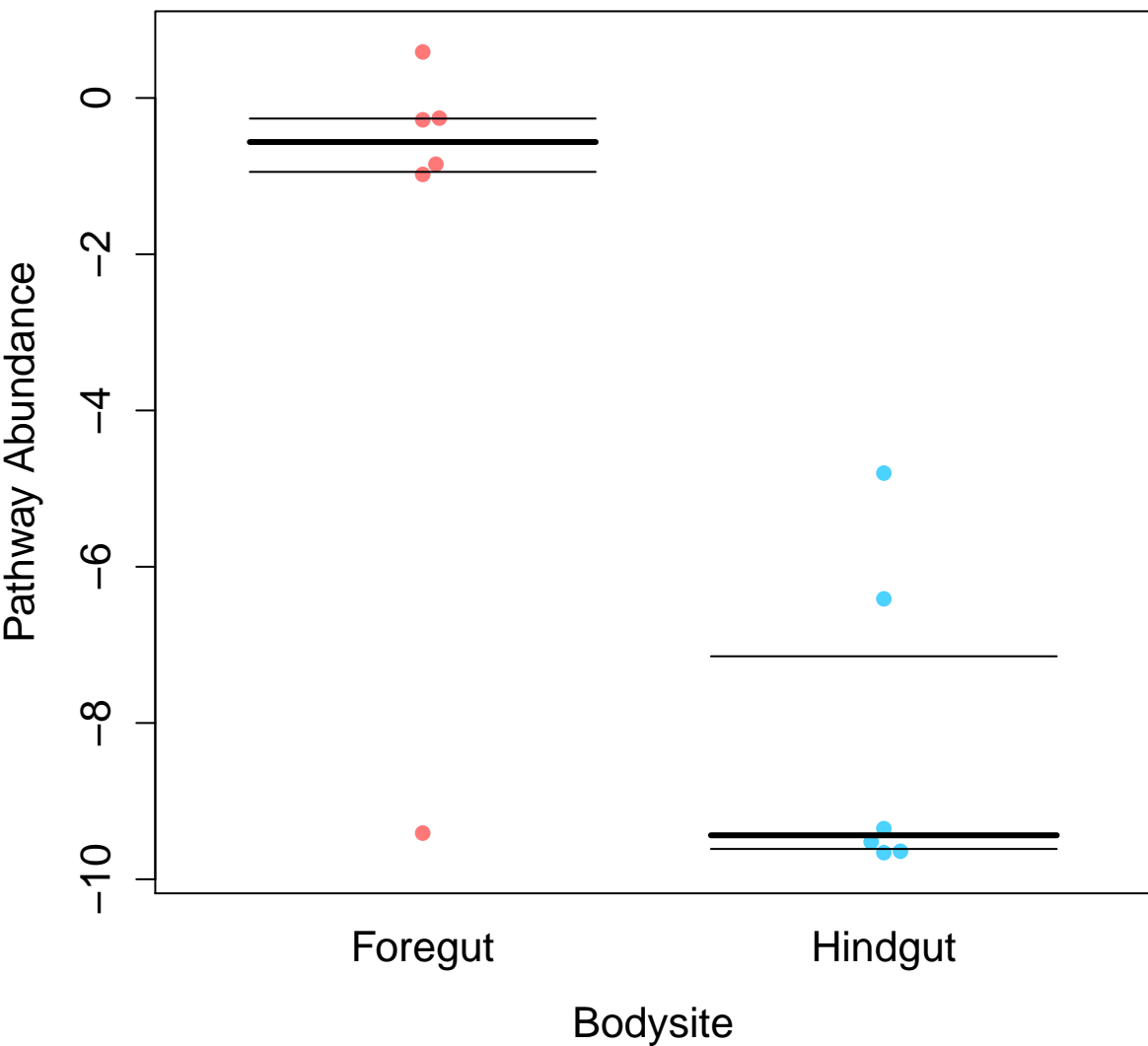
Two-component system



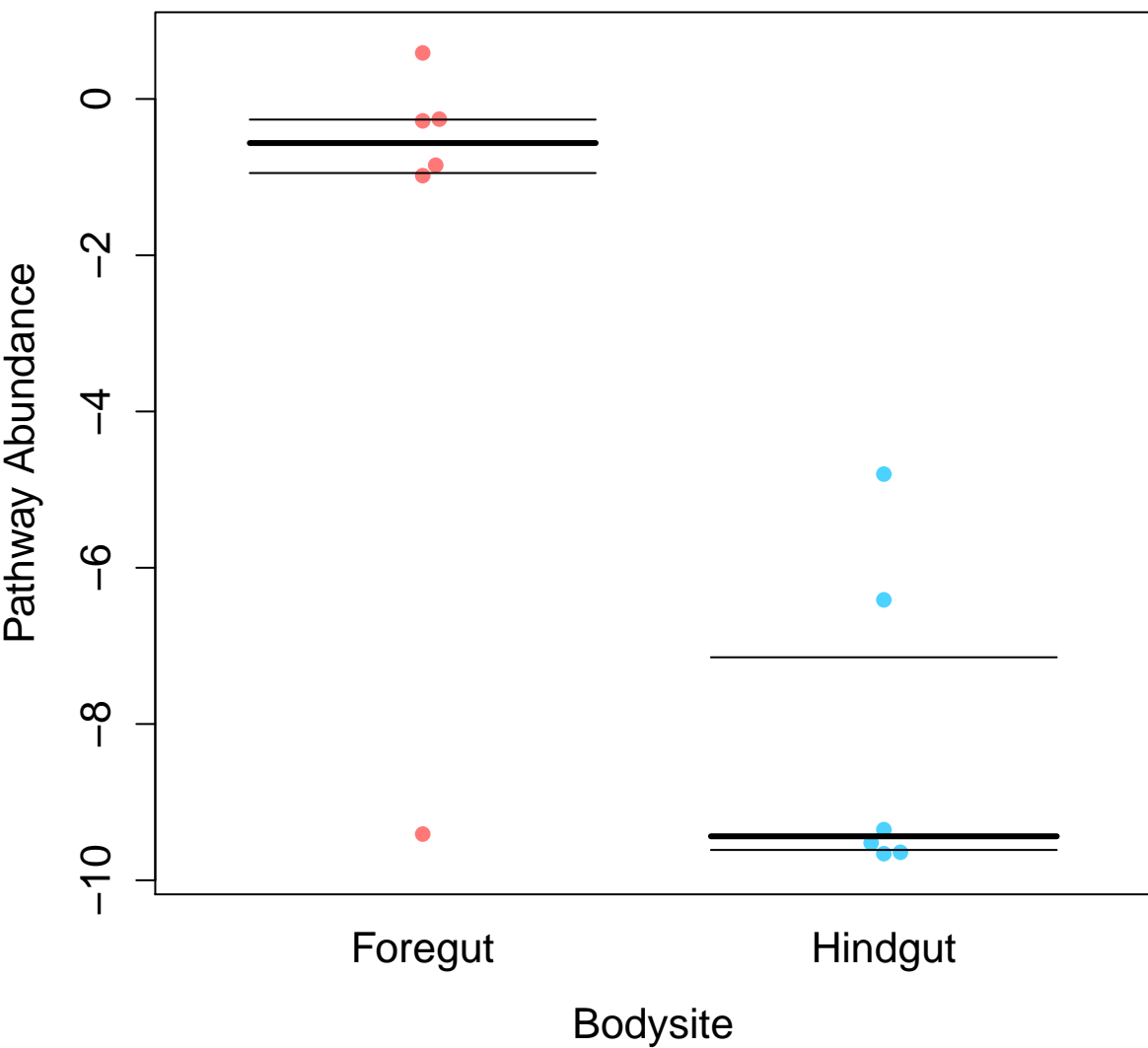
Endocytosis



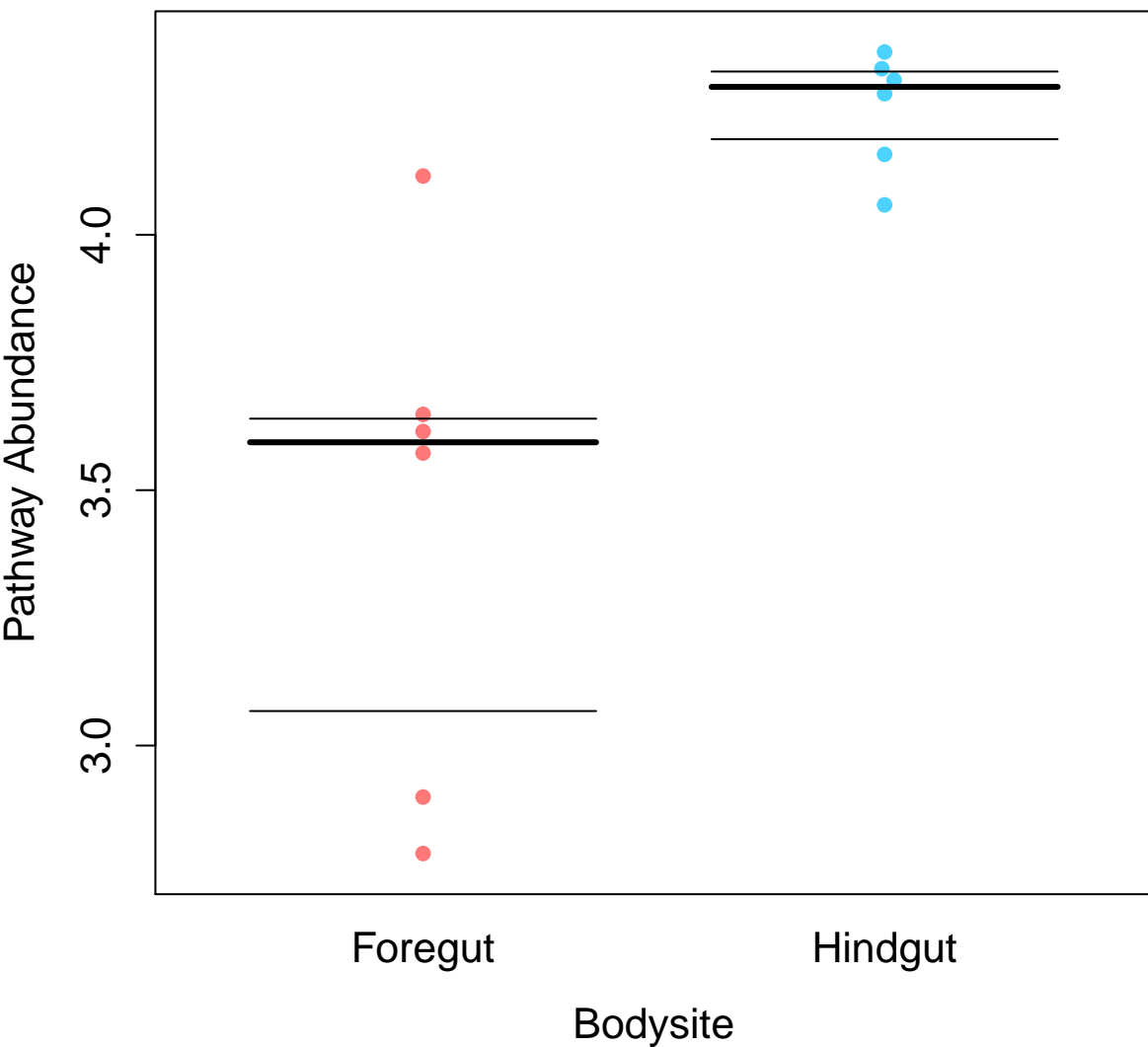
Fc gamma R-mediated phagocytosis



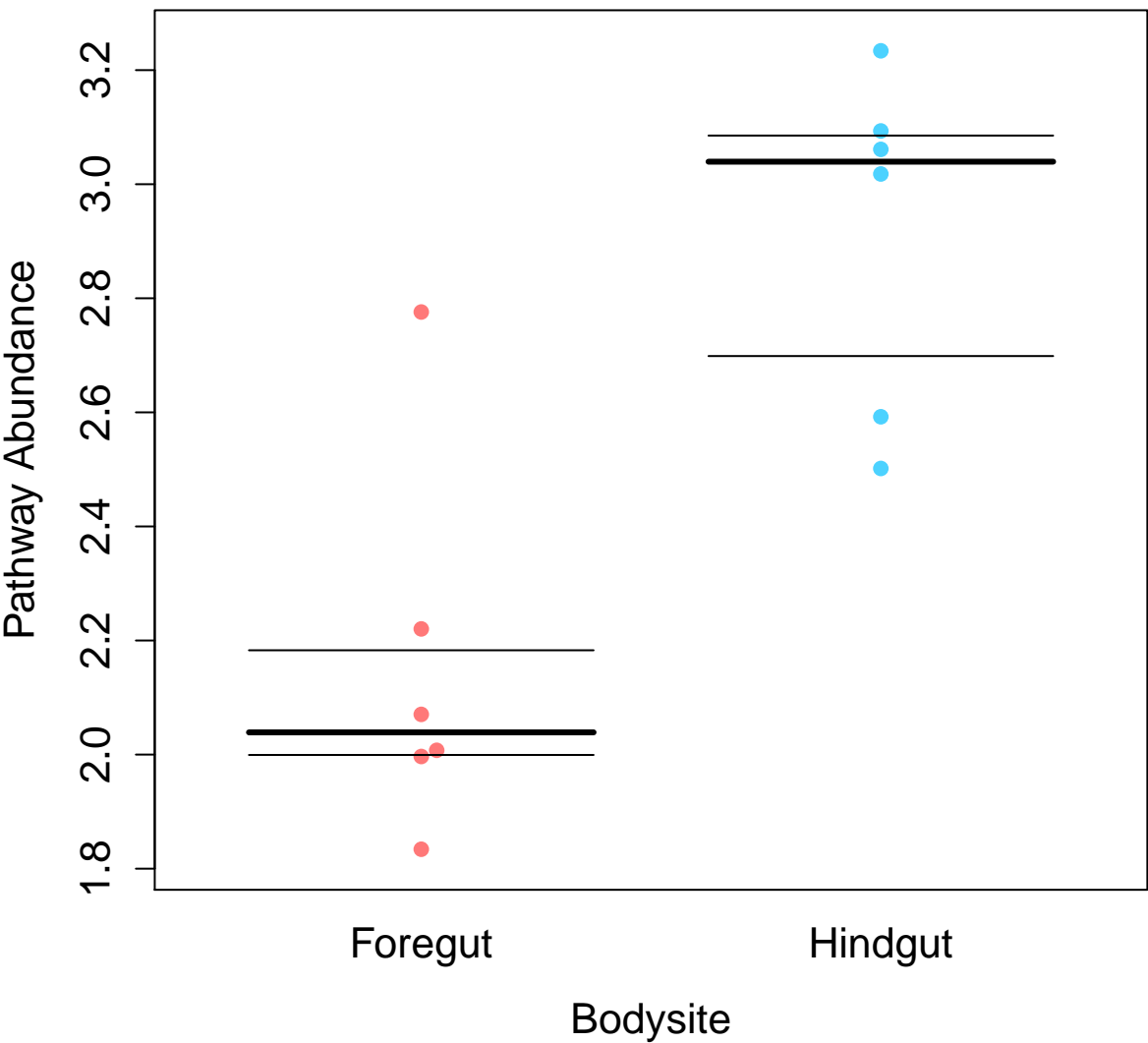
GnRH signaling pathway



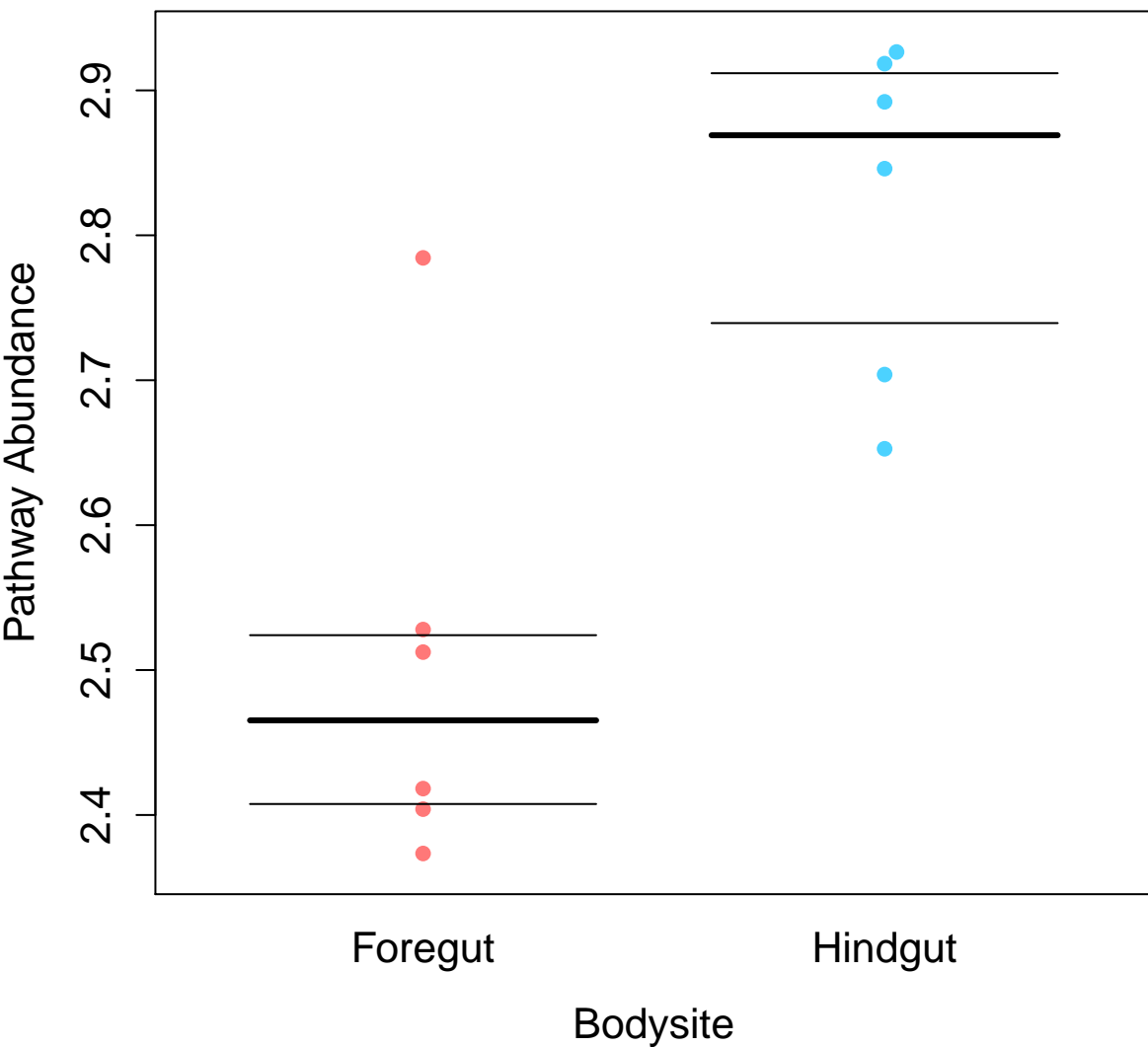
Streptomycin biosynthesis



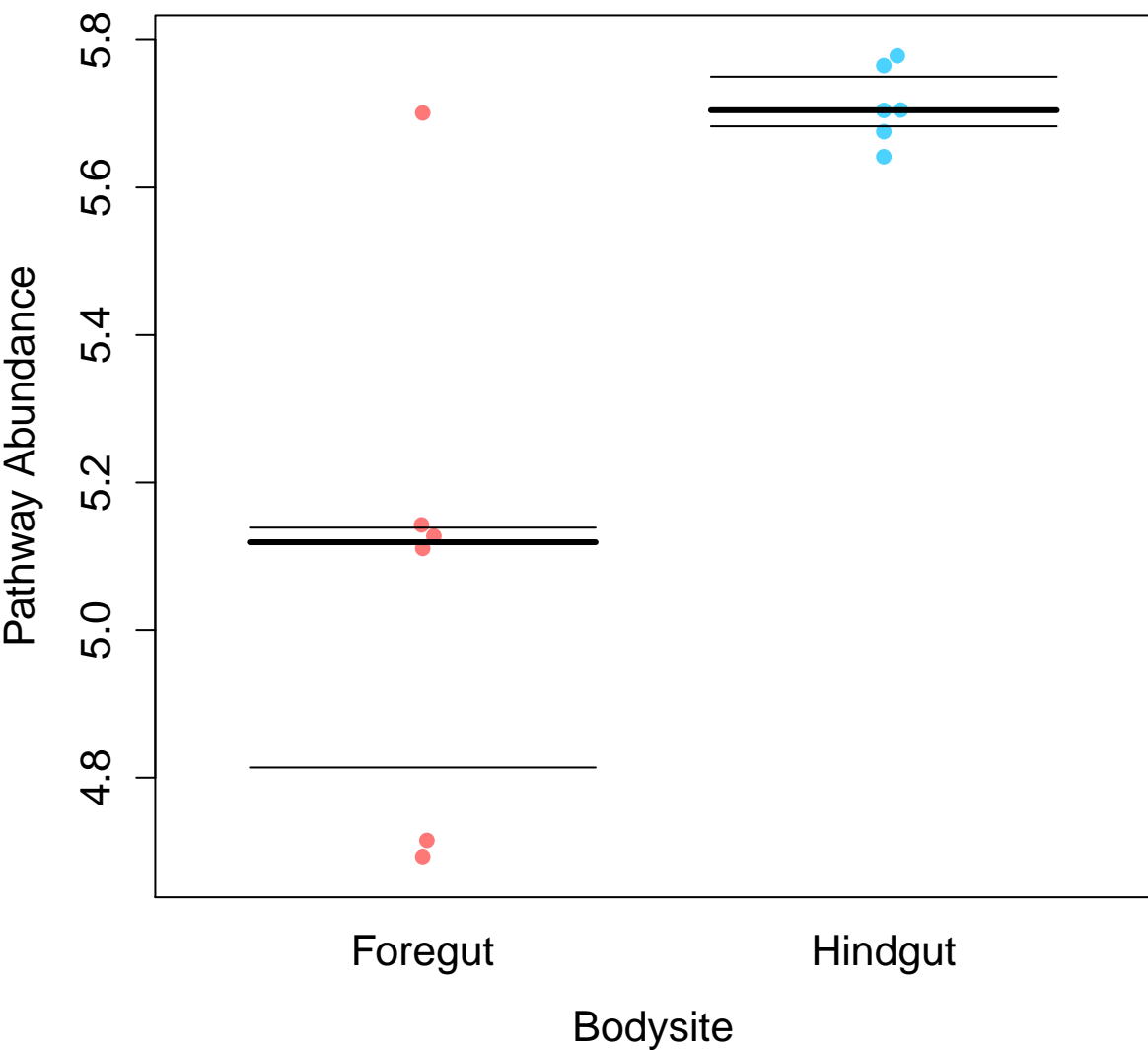
Dioxin degradation



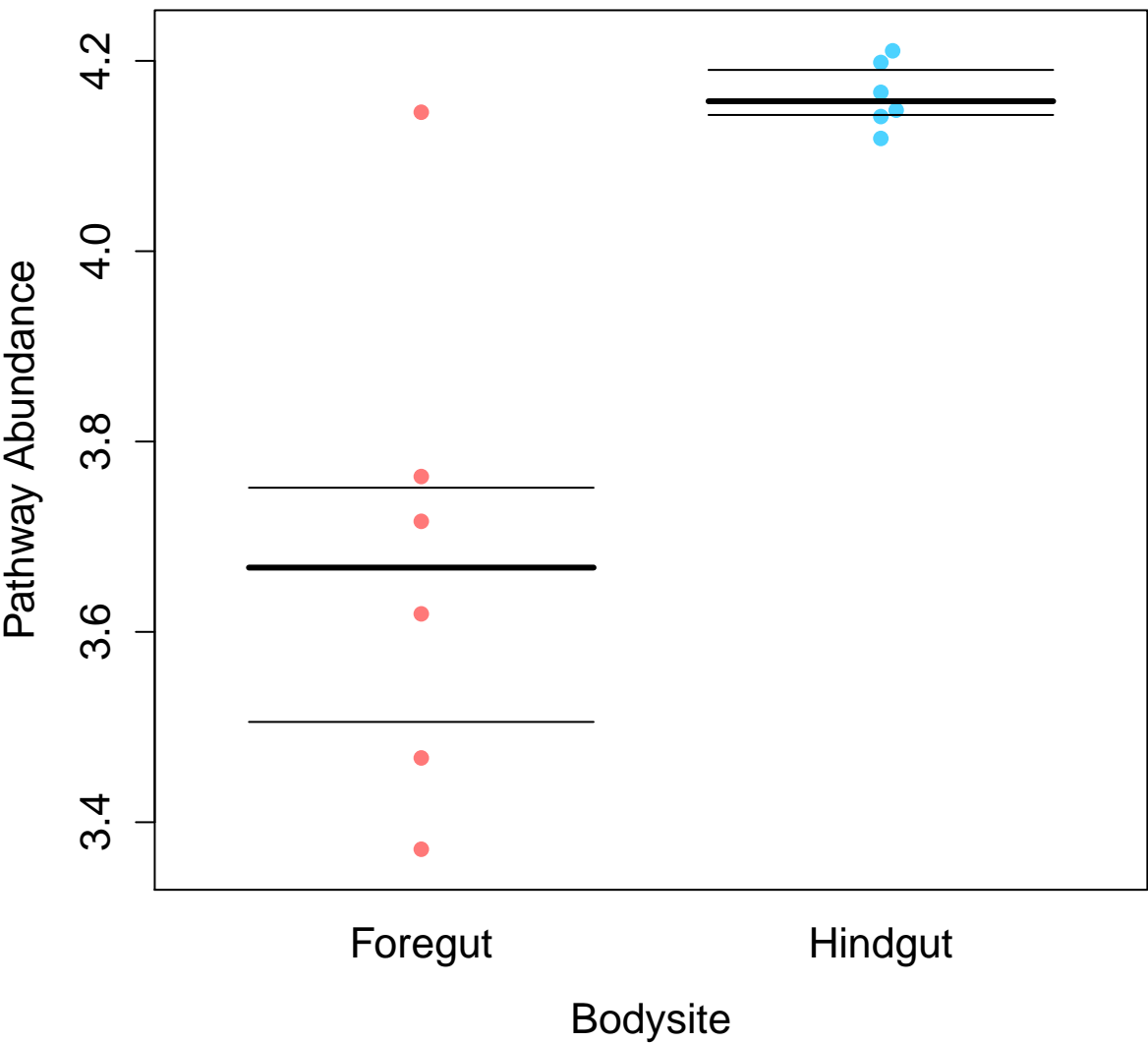
Phosphatidylinositol signaling system



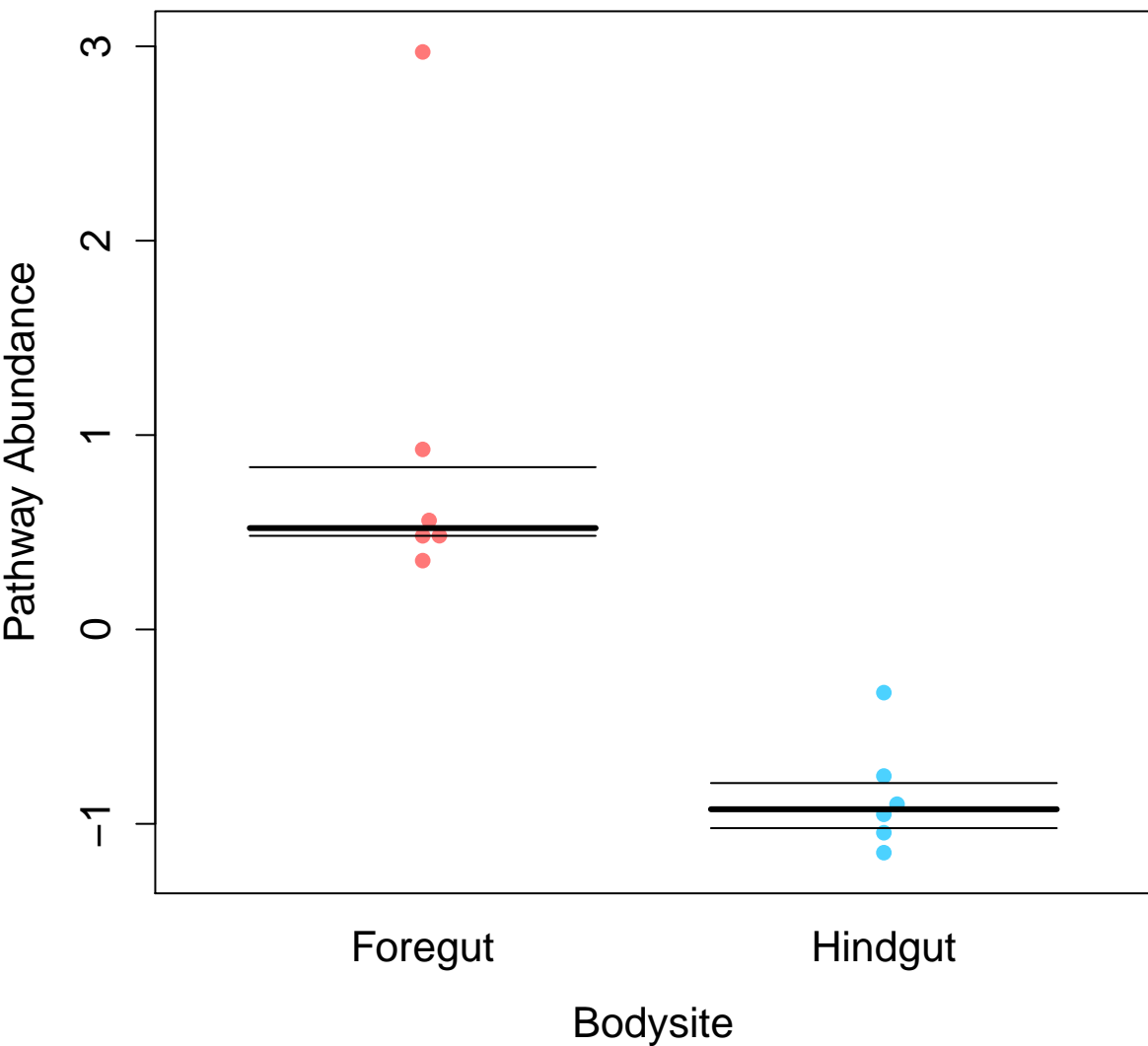
Amino sugar and nucleotide sugar metabolism



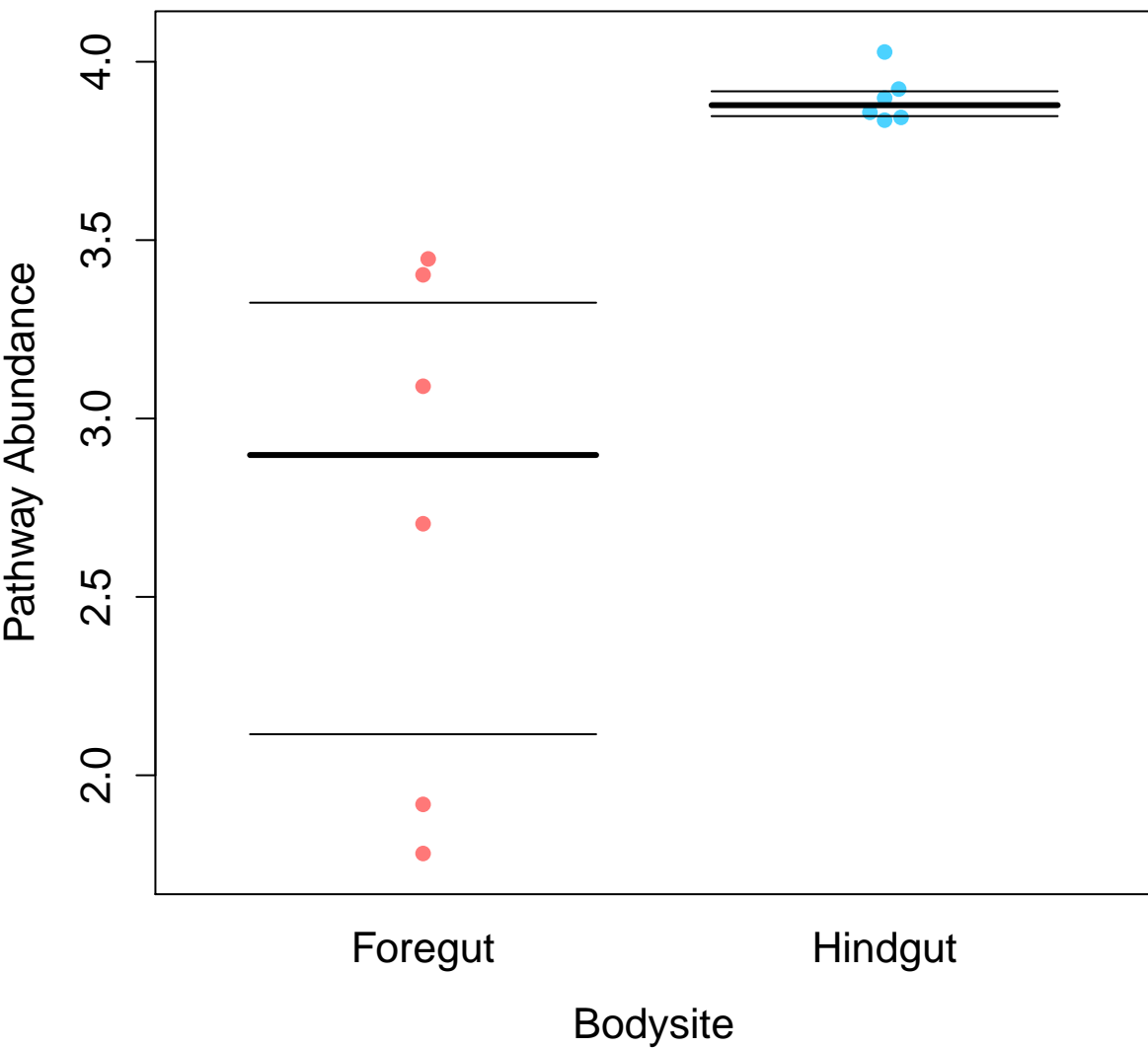
Prenyltransferases



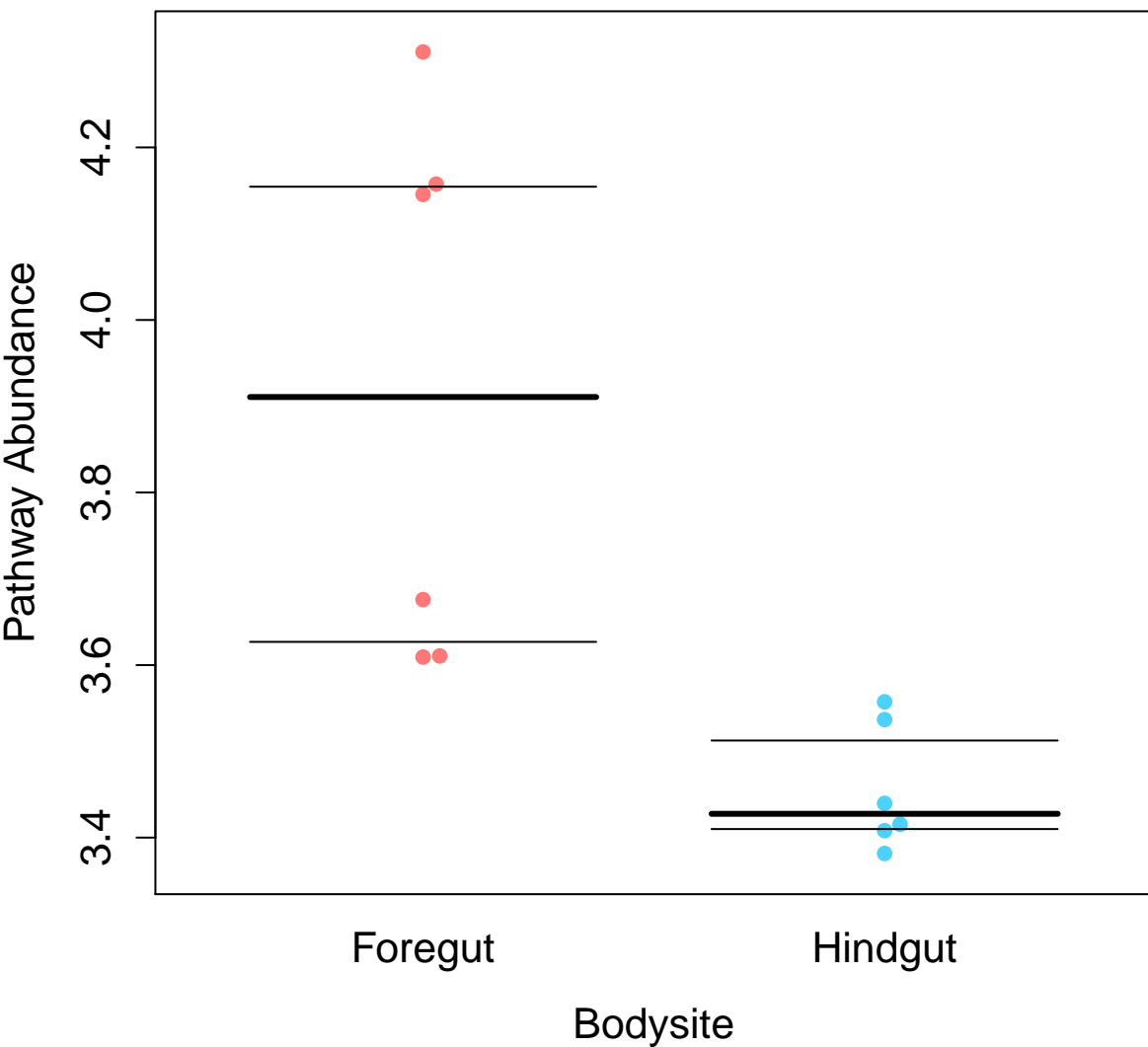
Staphylococcus aureus infection



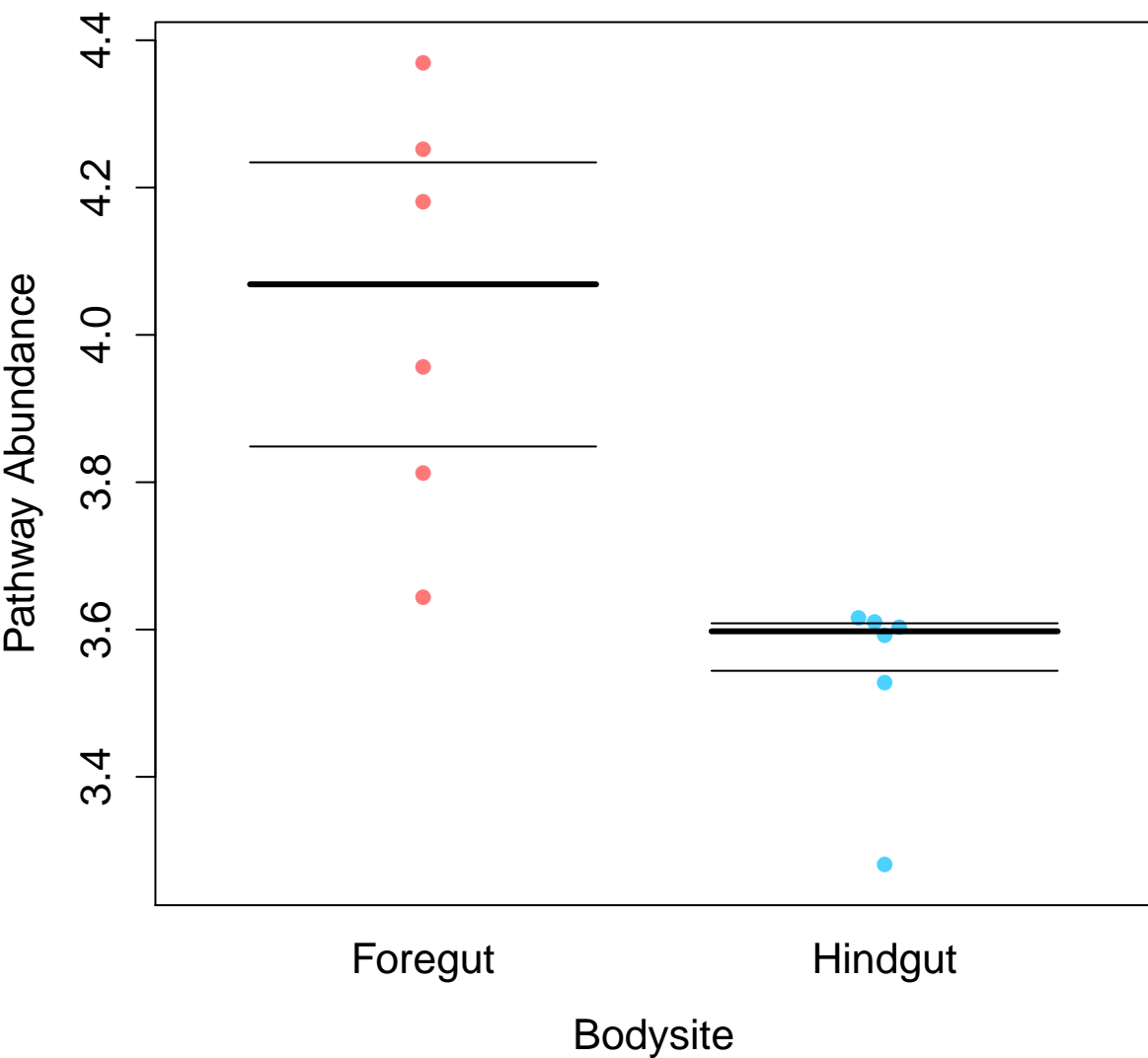
Other glycan degradation



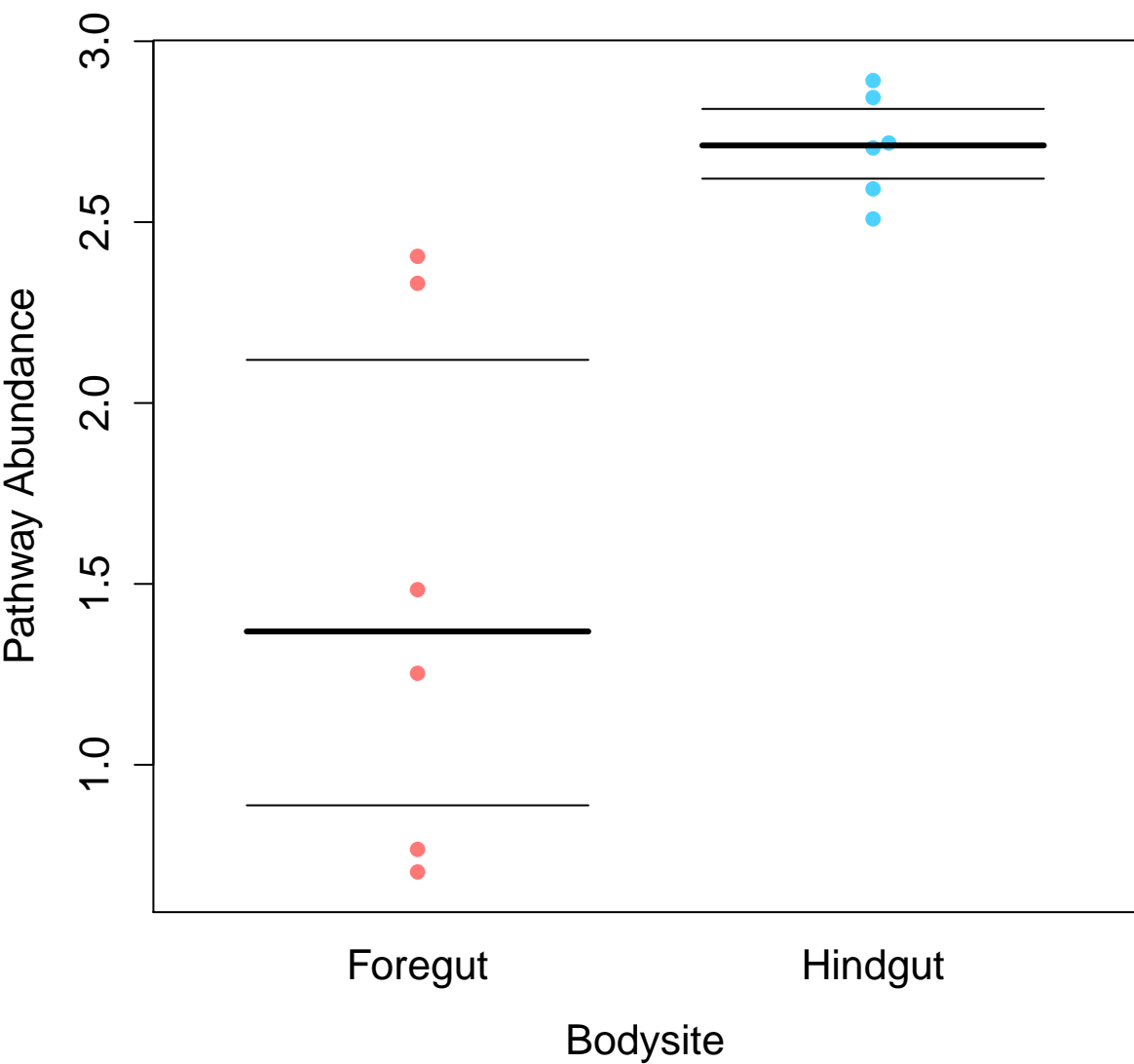
Glutathione metabolism



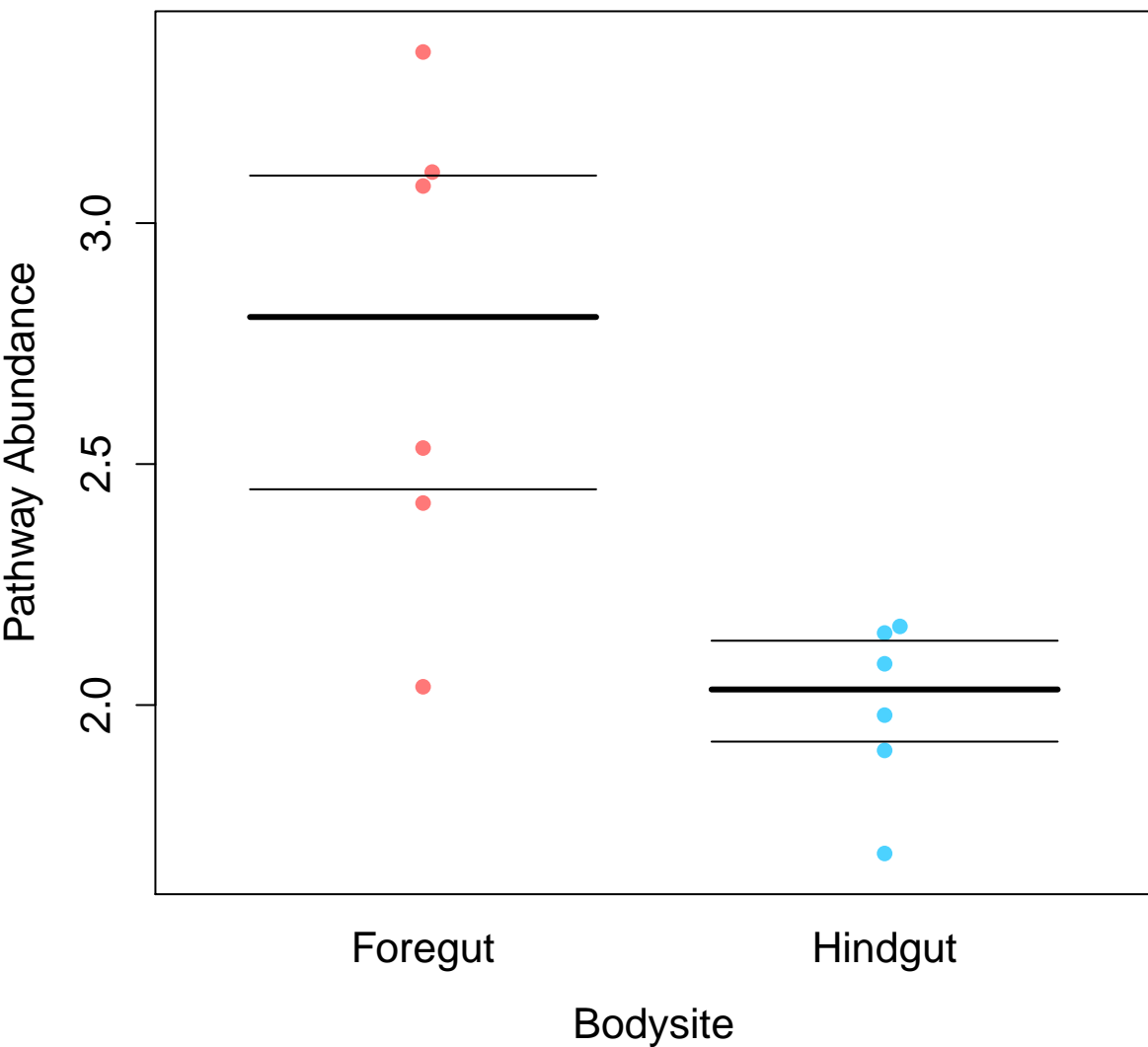
Lipopolysaccharide biosynthesis proteins



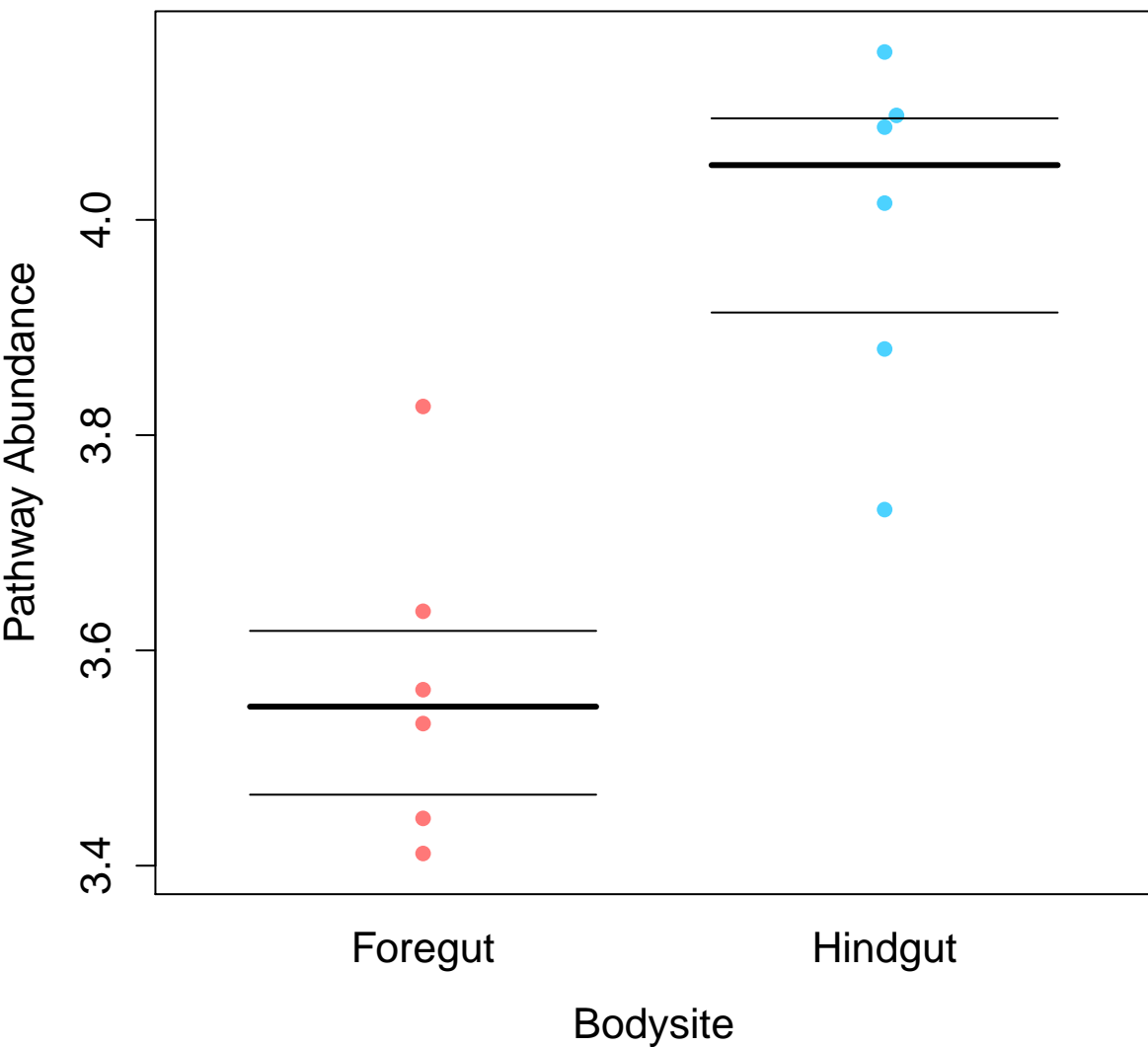
Lysosome



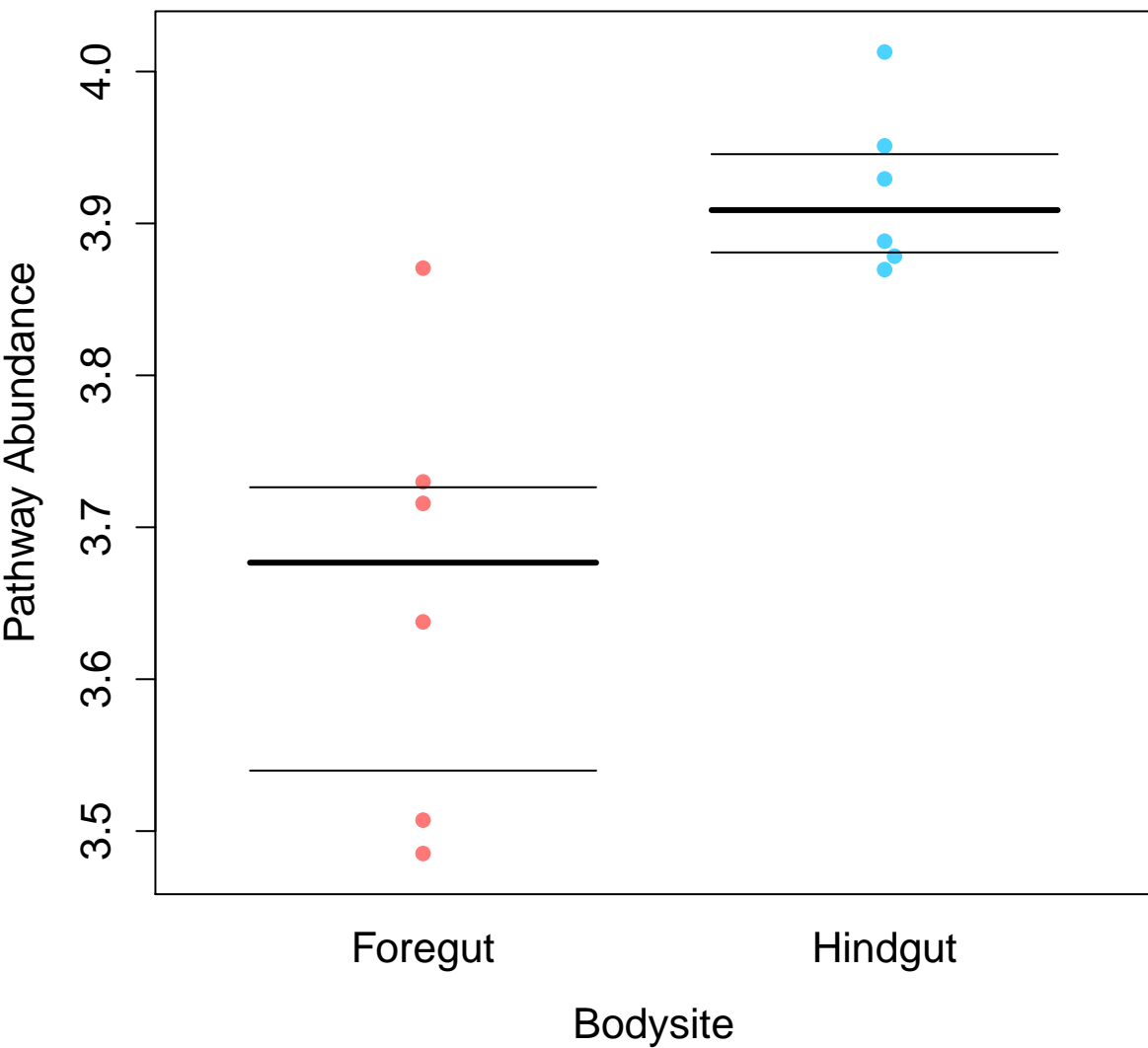
Synthesis and degradation of ketone bodies



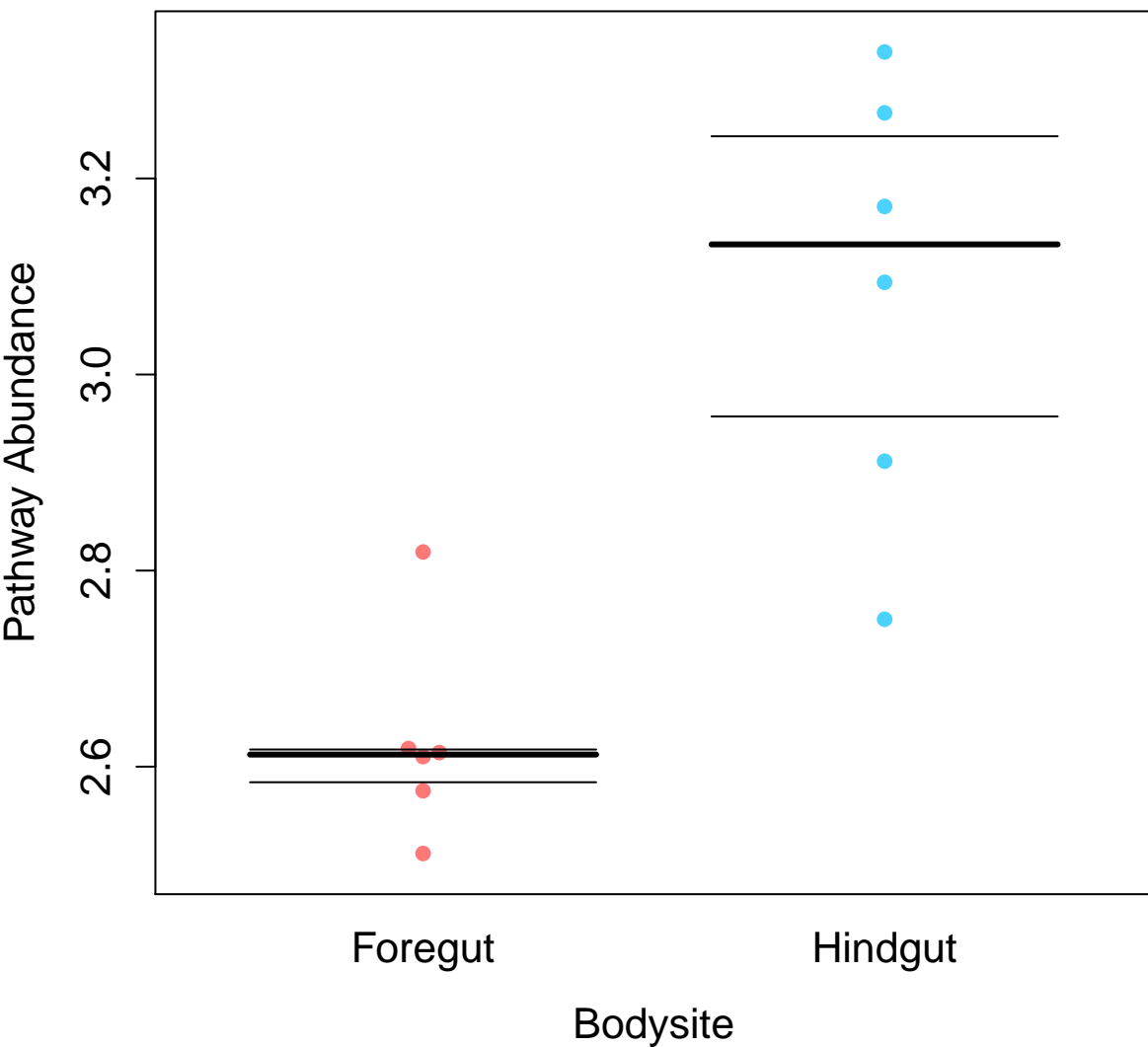
Chloroalkane and chloroalkene degradation



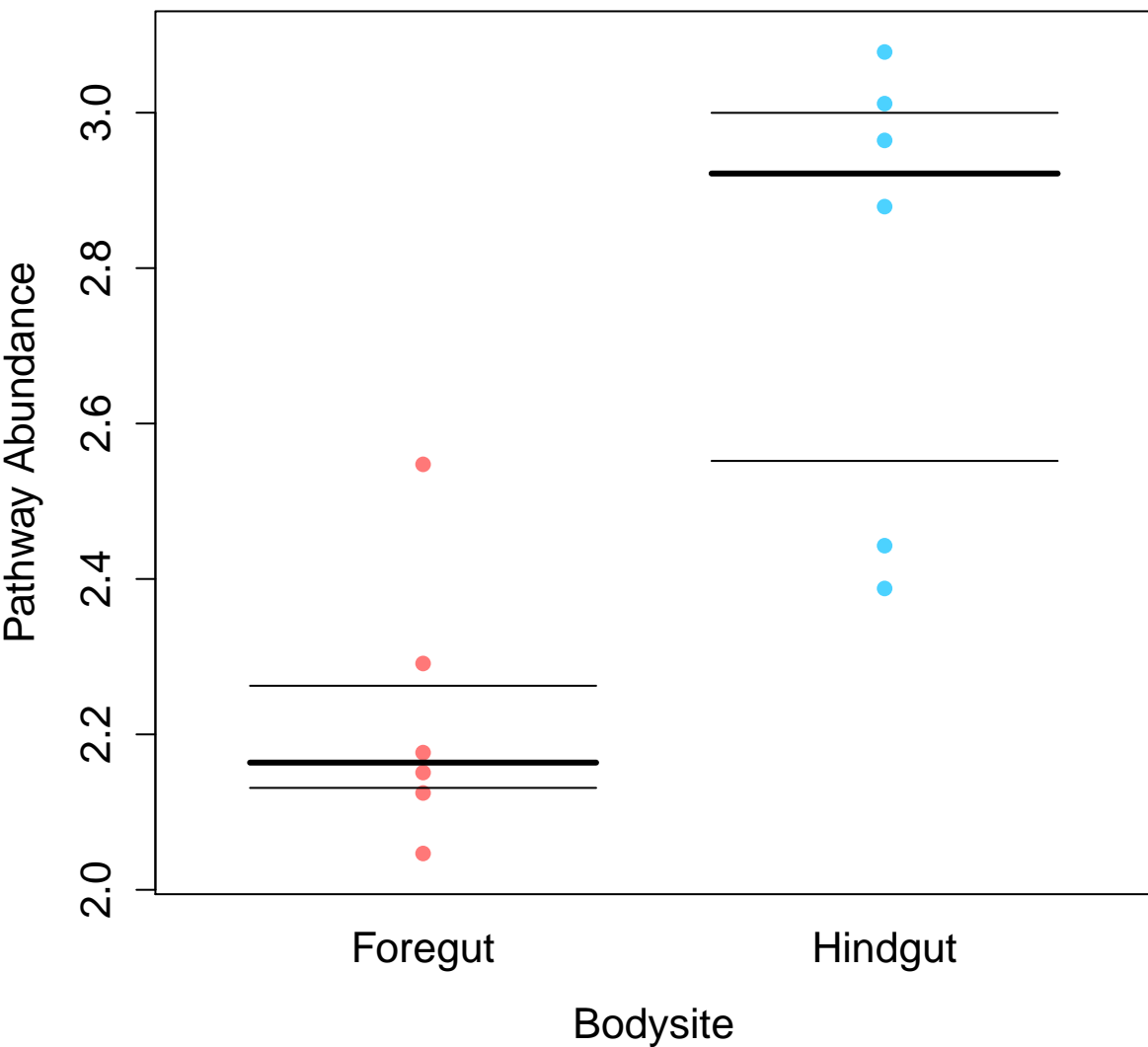
Sulfur metabolism



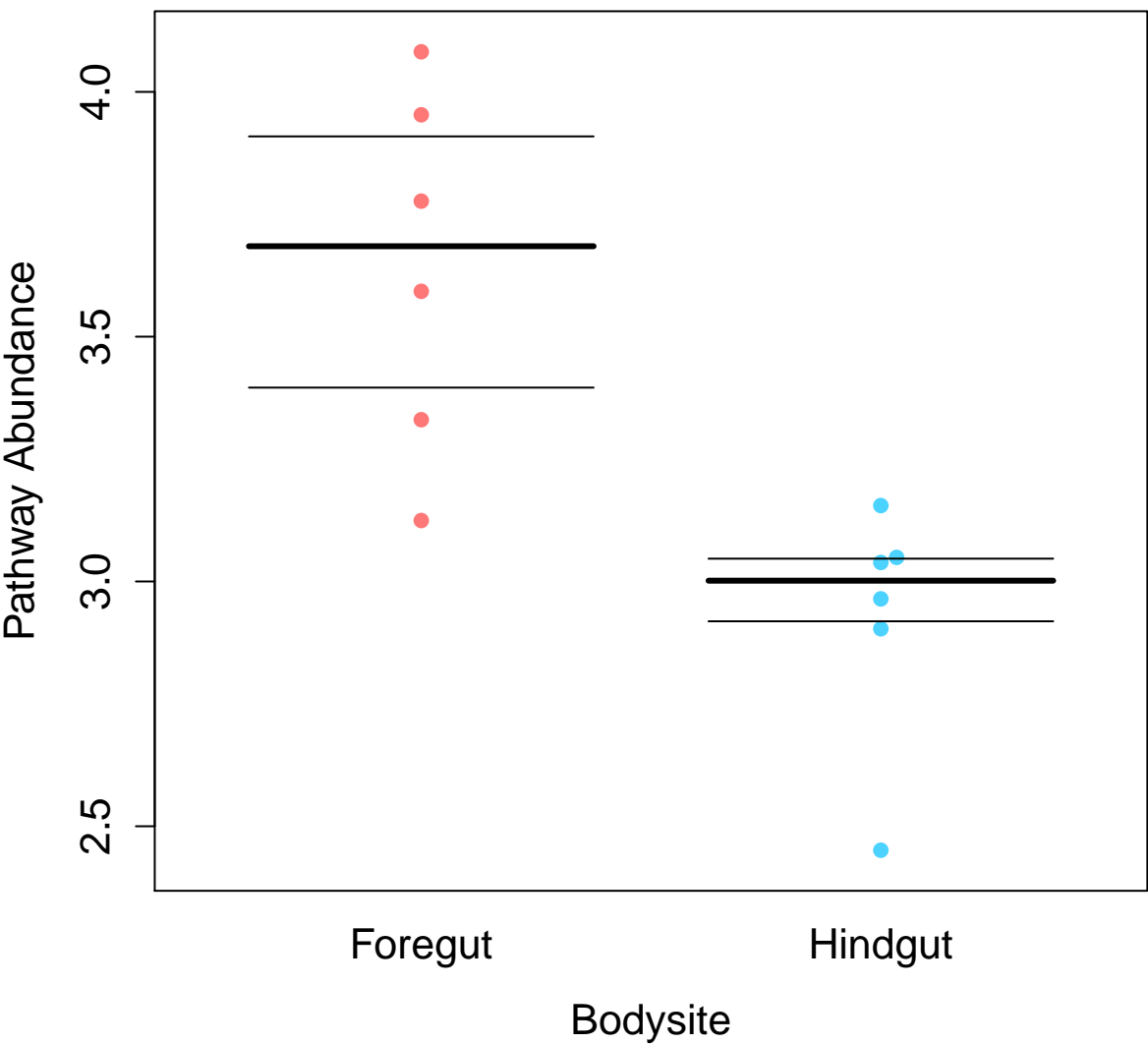
Inositol phosphate metabolism



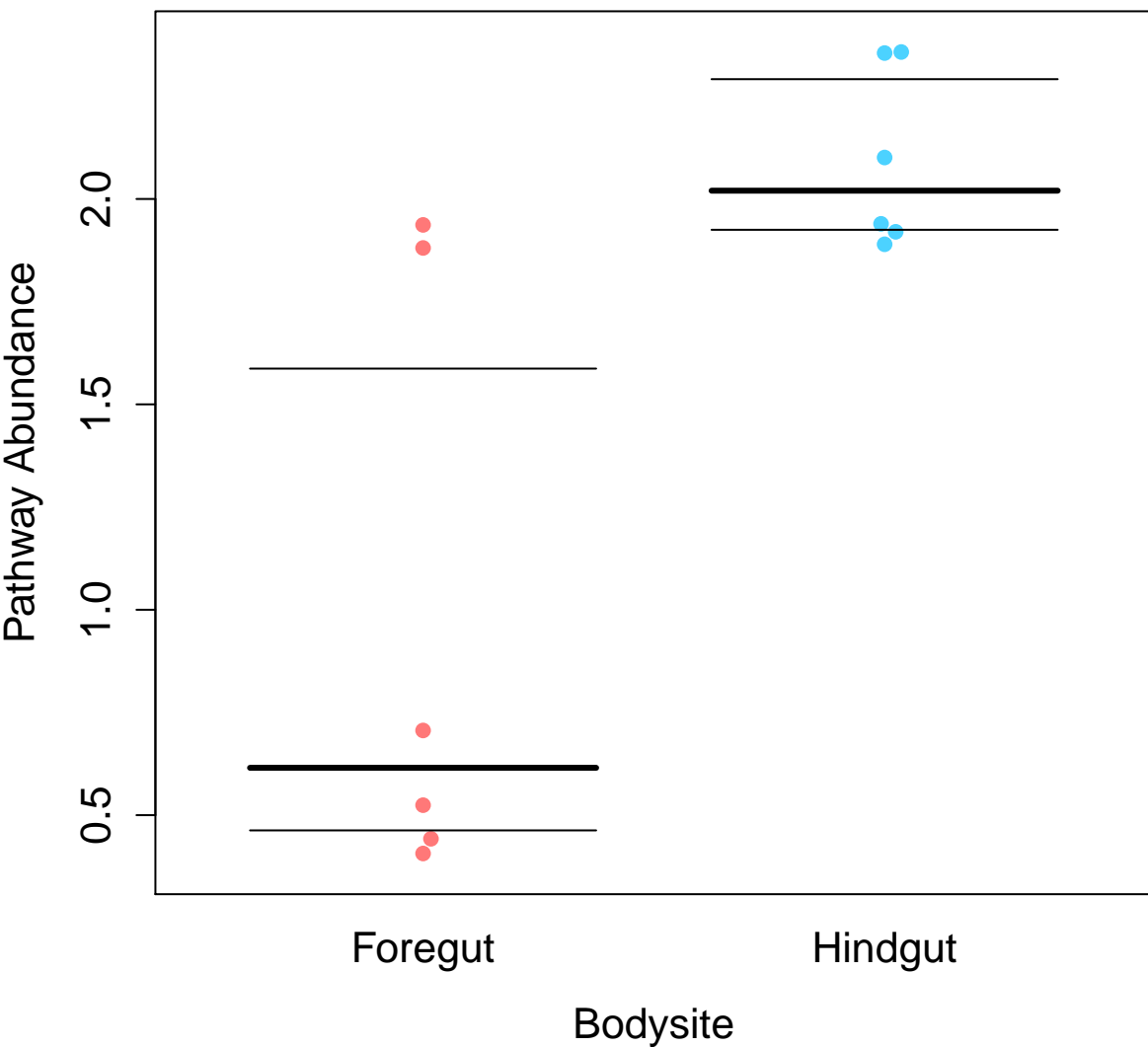
Phosphonate and phosphinate metabolism



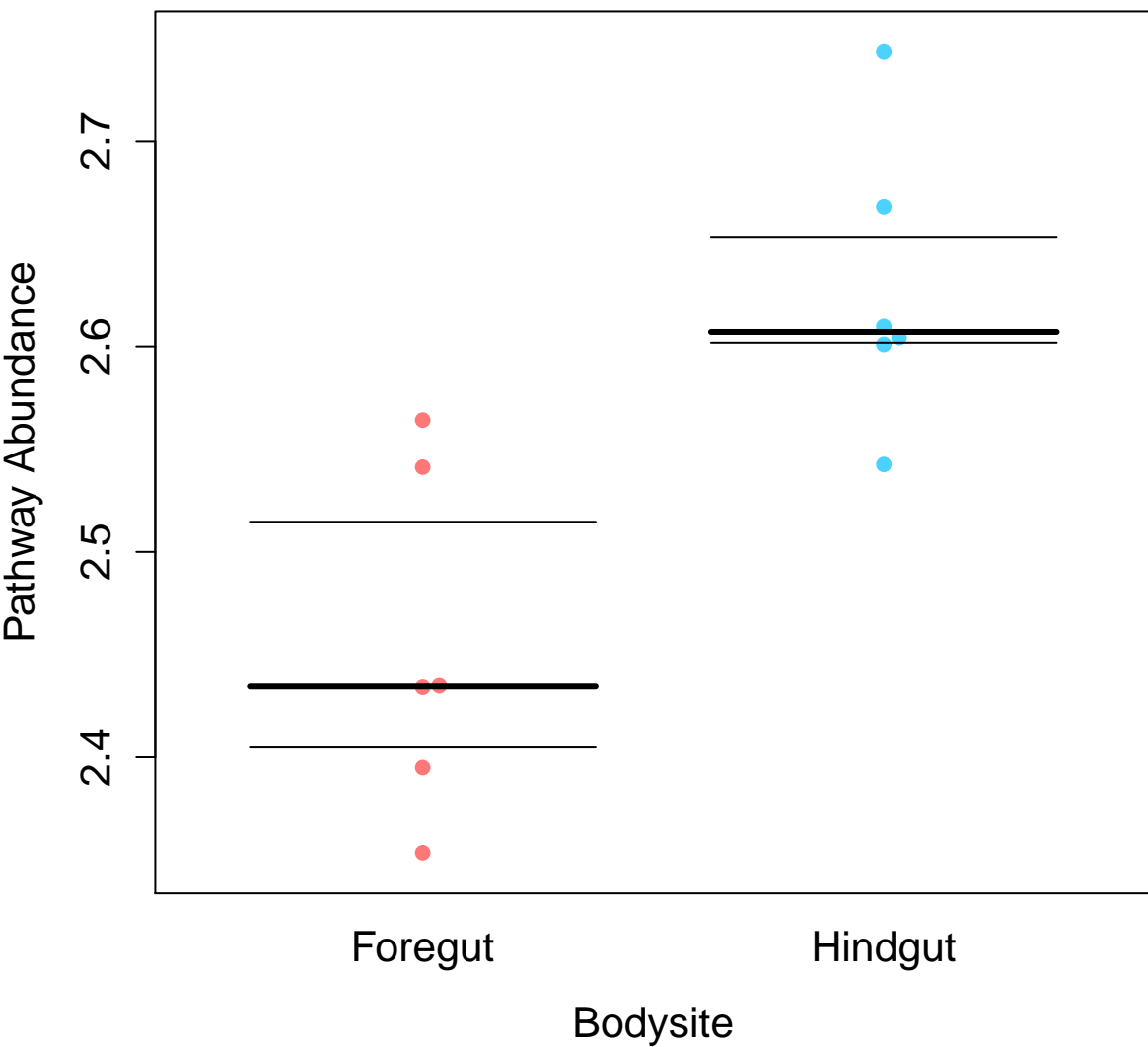
Lipopolysaccharide biosynthesis



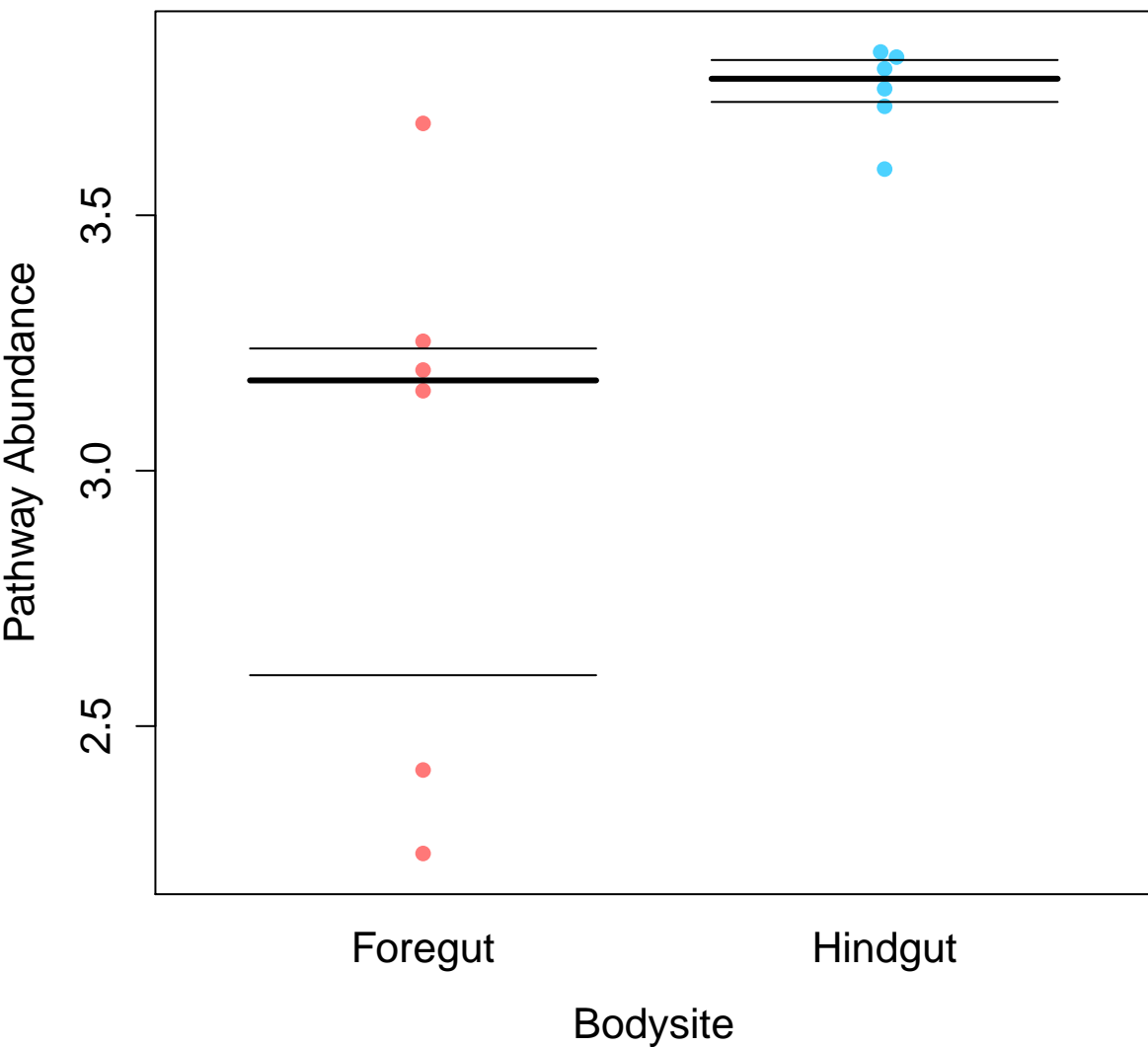
Glycosaminoglycan degradation



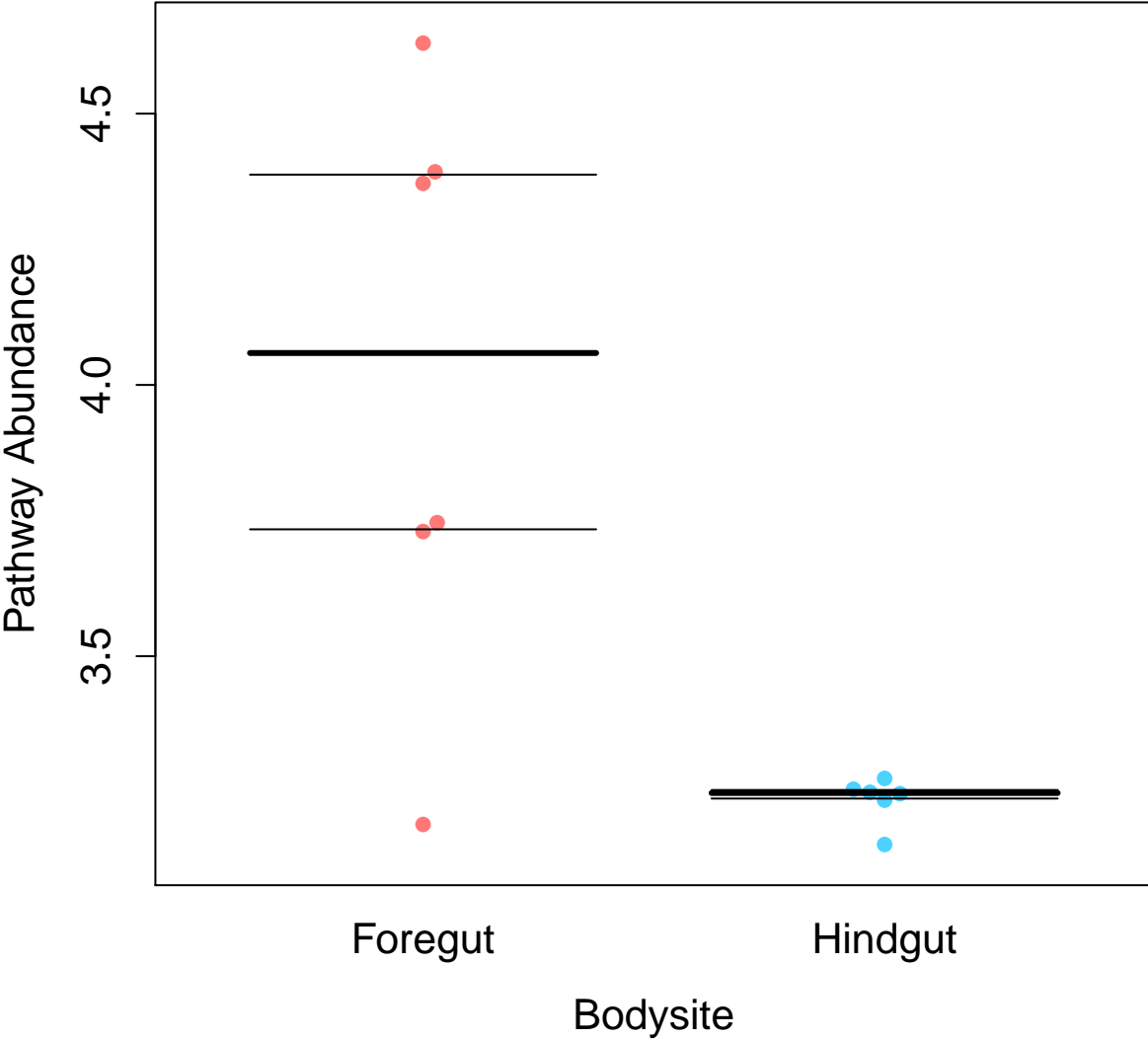
Cell division



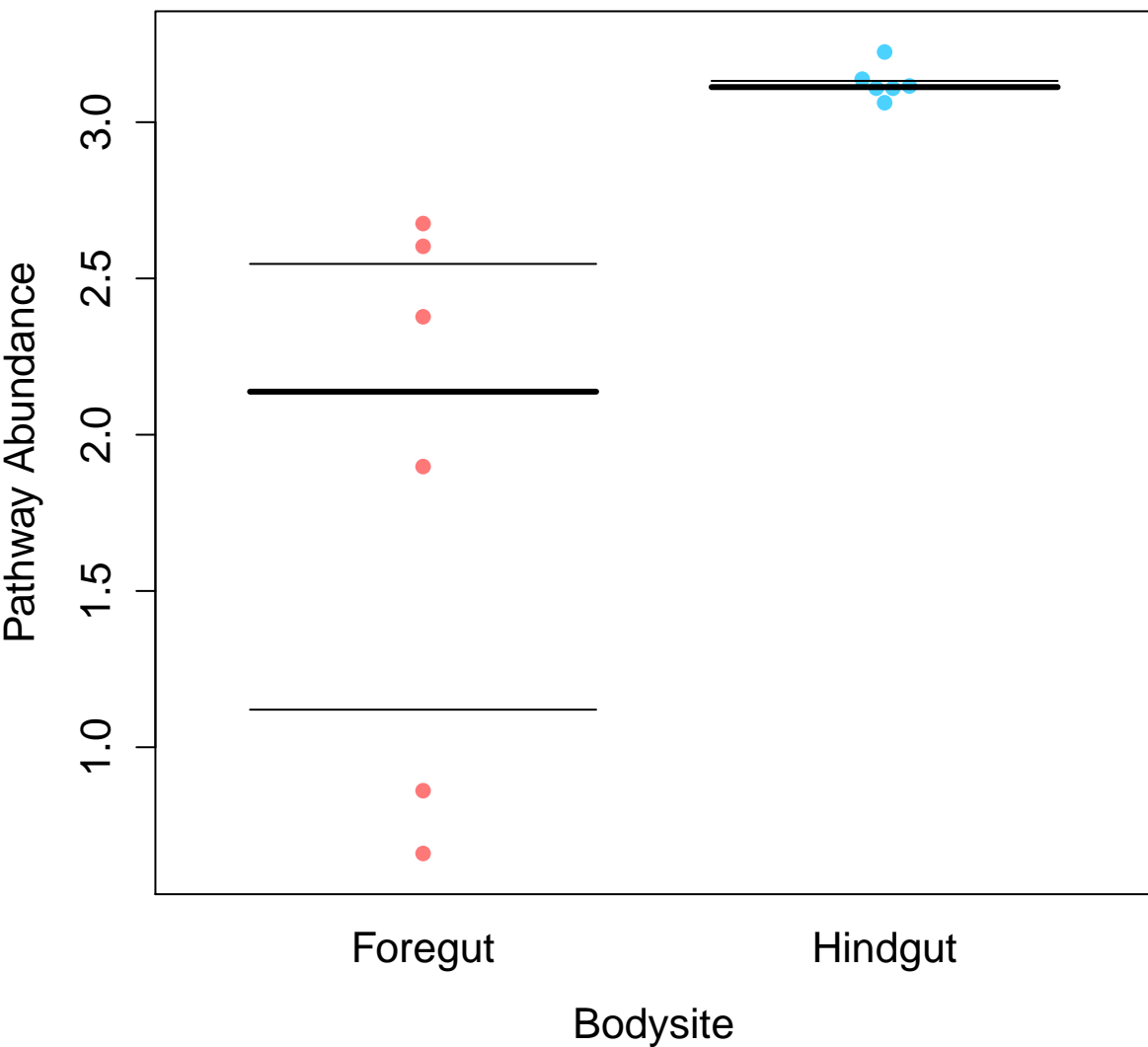
Polyketide sugar unit biosynthesis



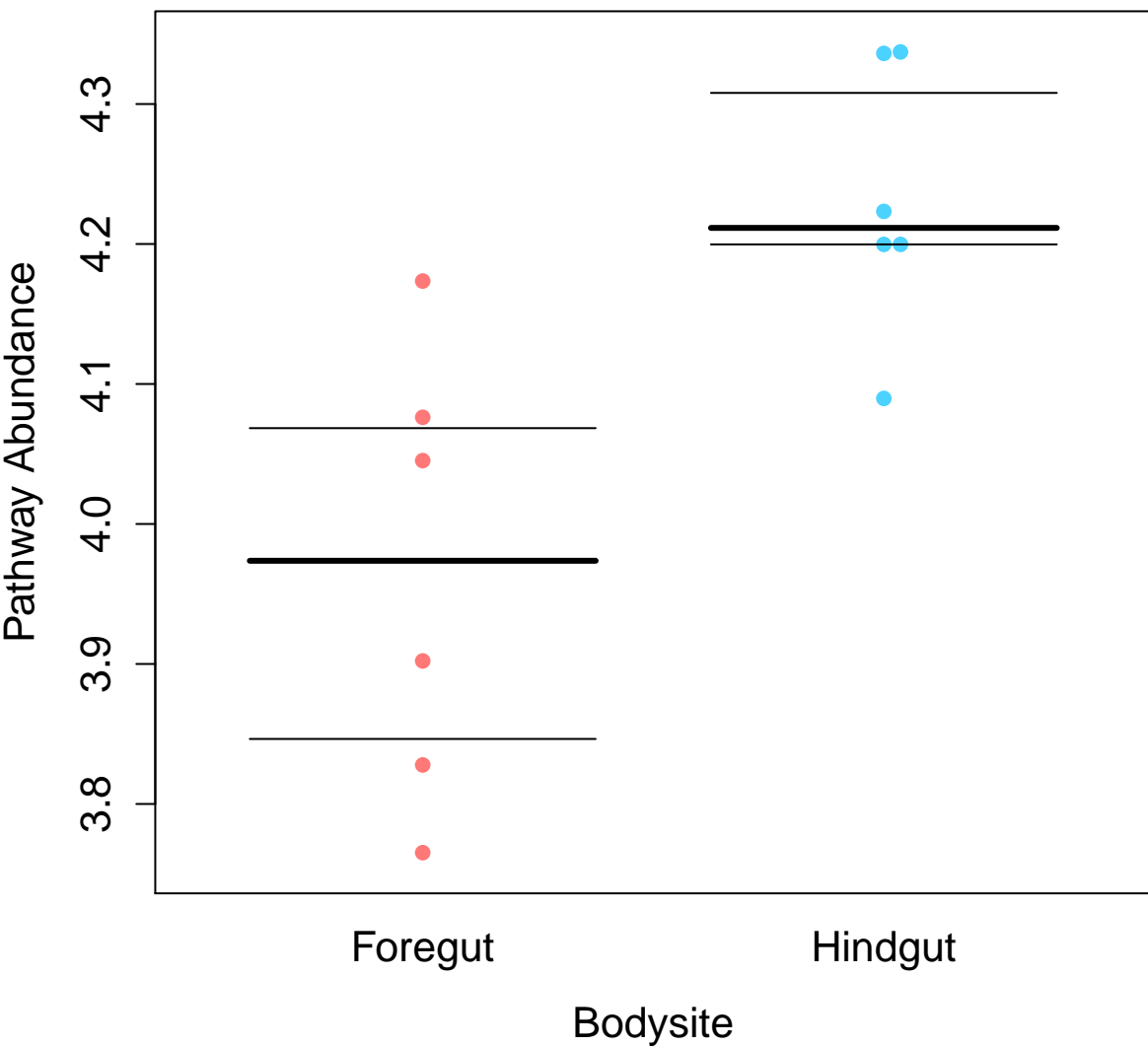
Tryptophan metabolism



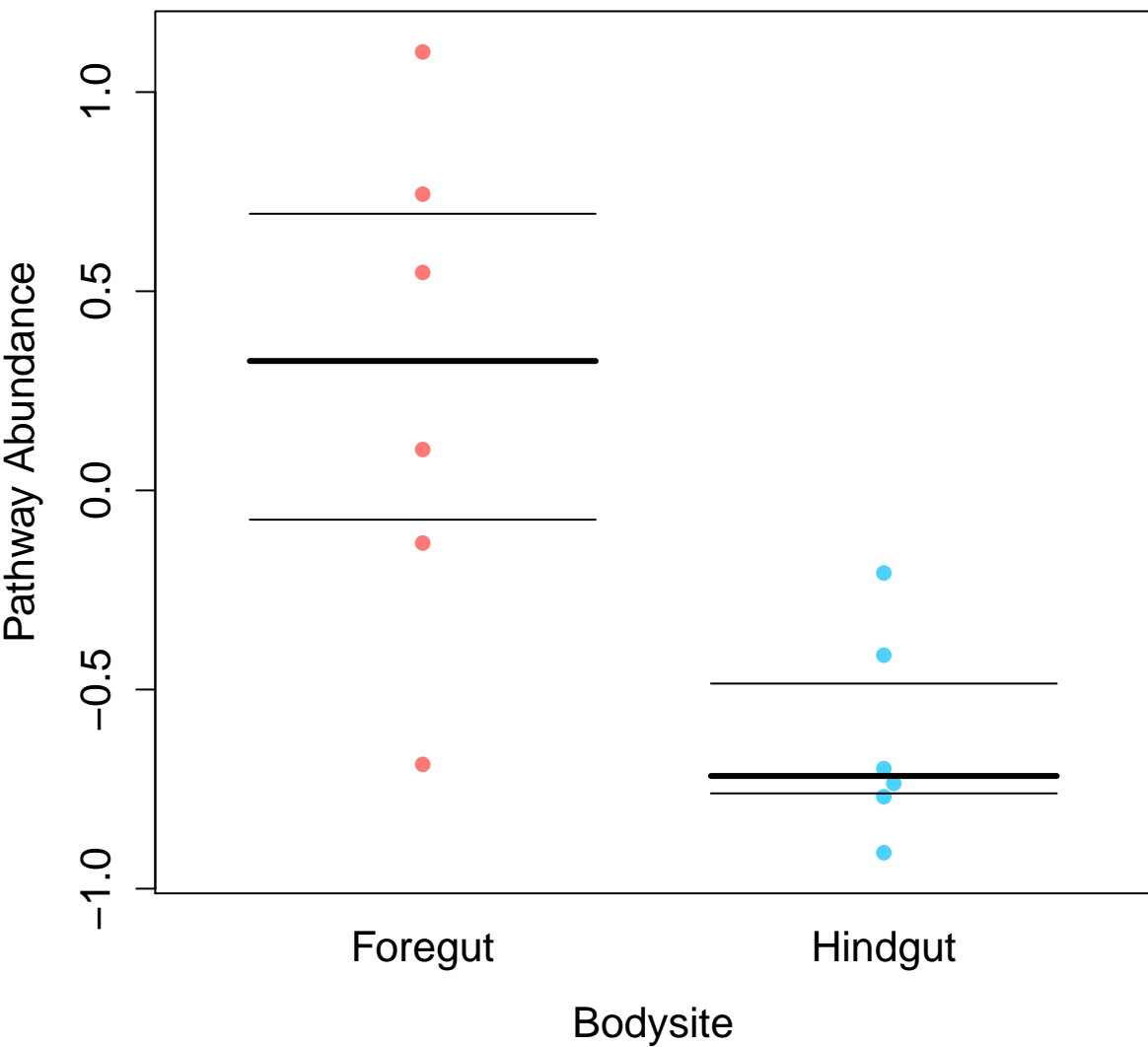
Glycosphingolipid biosynthesis – globo series



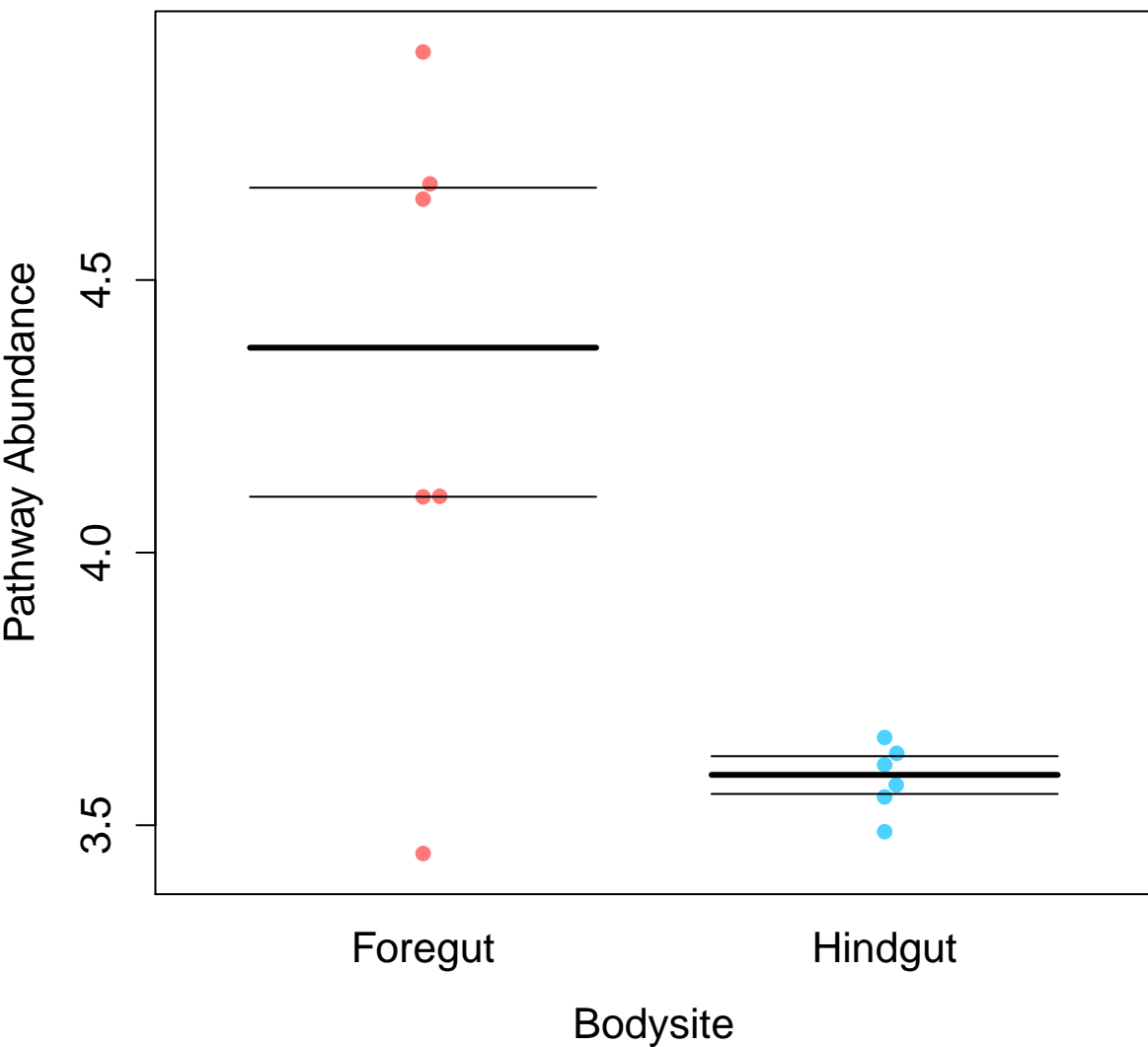
Protein kinases



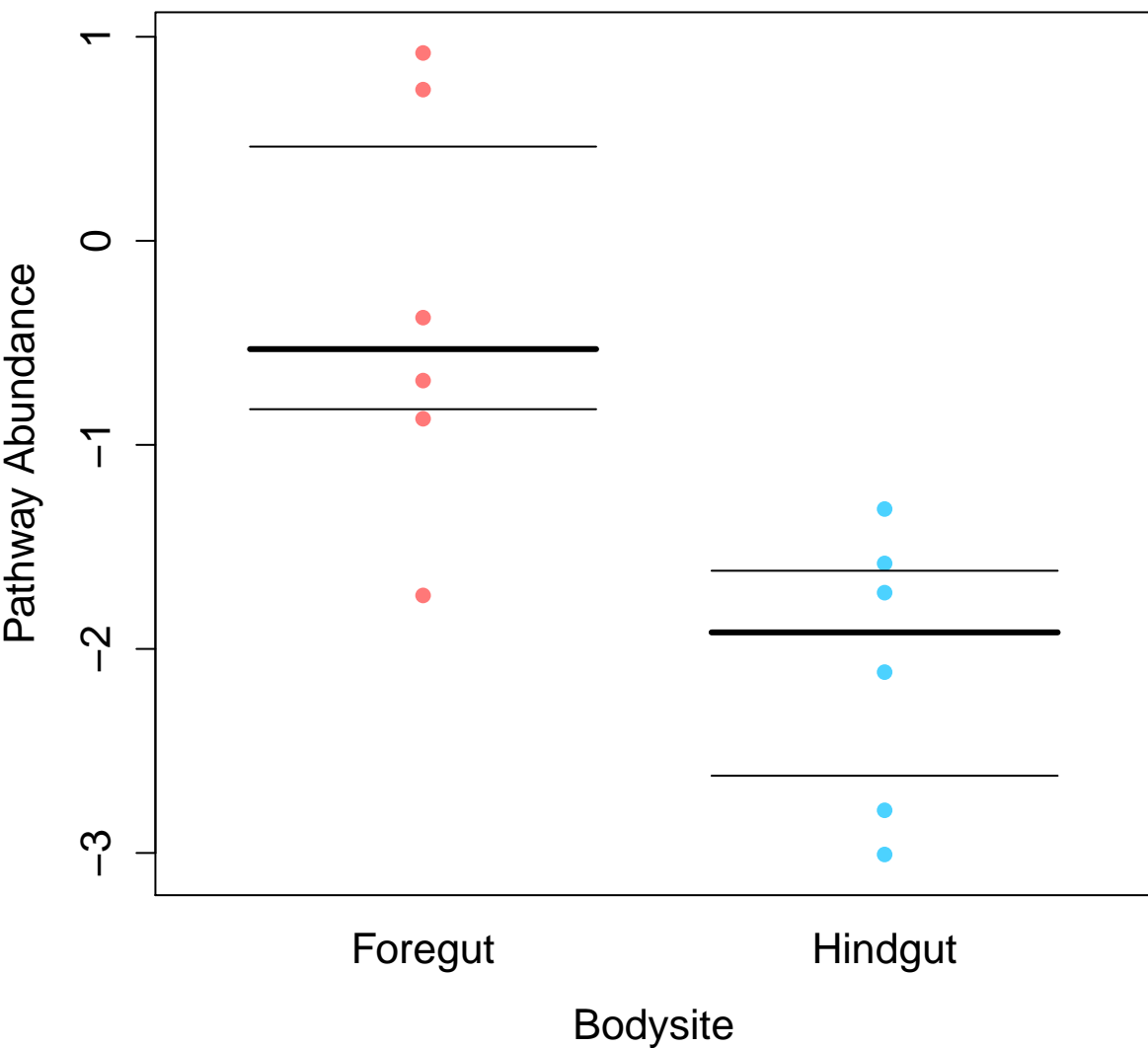
Steroid hormone biosynthesis



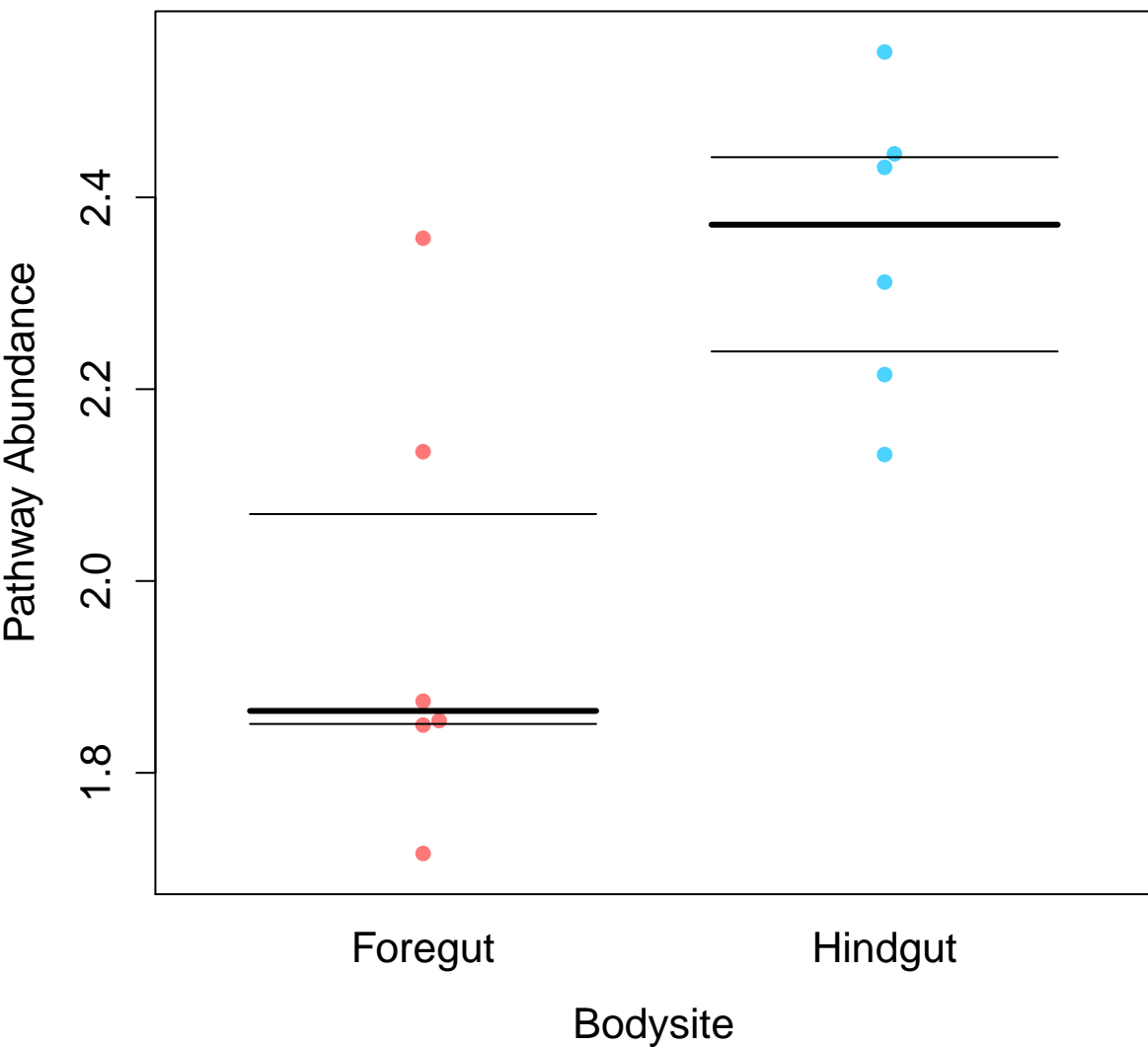
Valine, leucine and isoleucine degradation



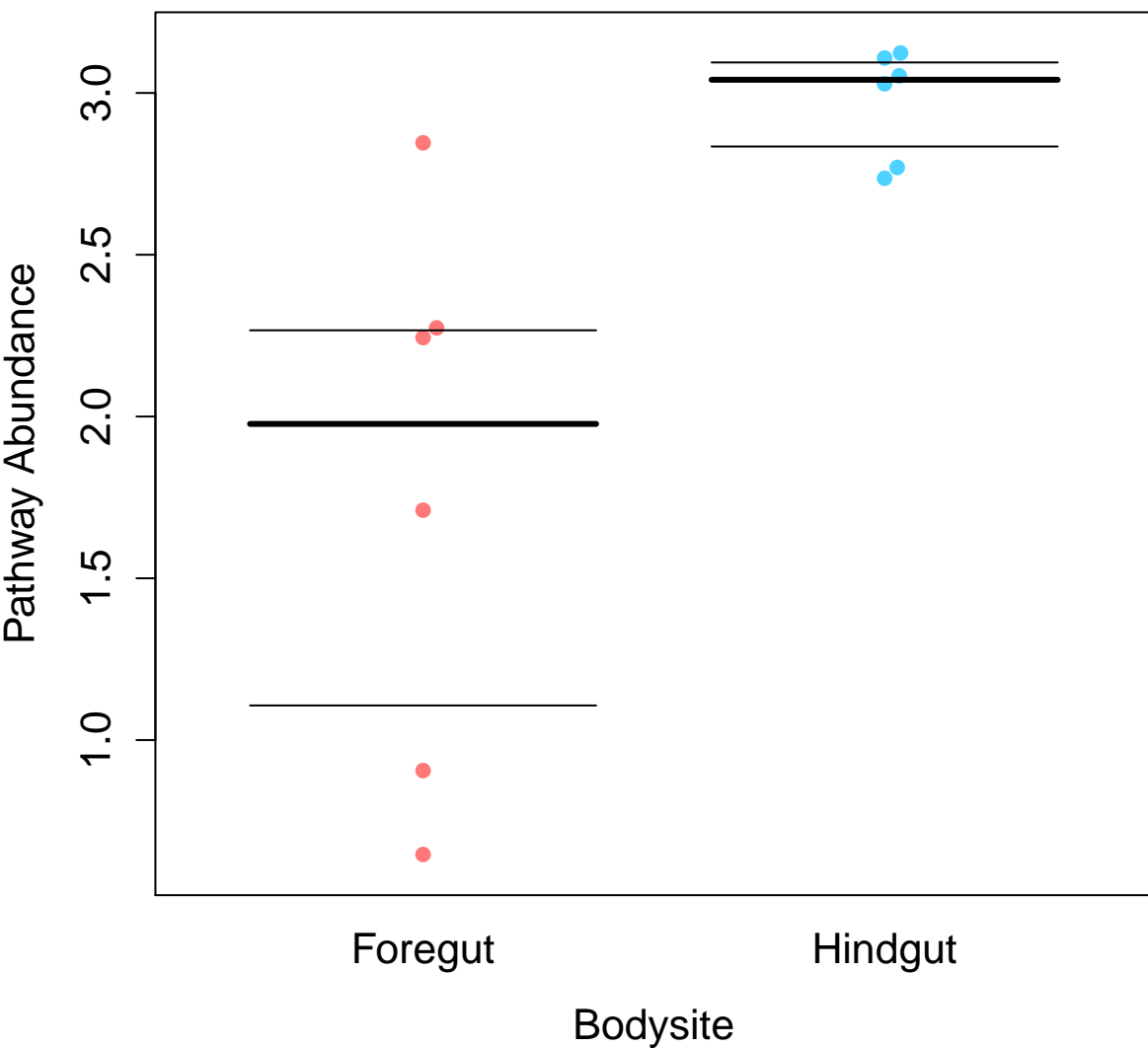
African trypanosomiasis



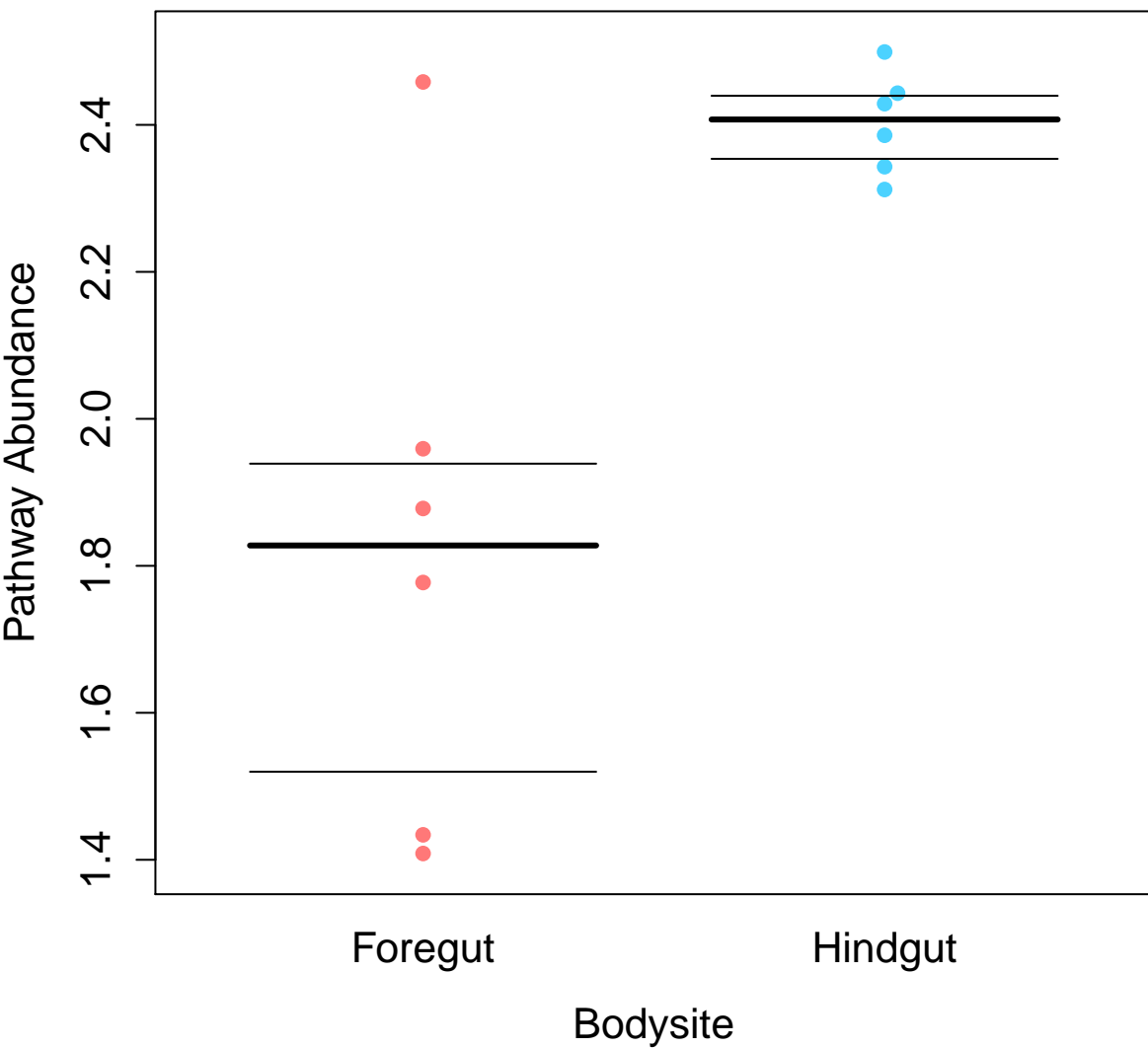
Nucleotide metabolism



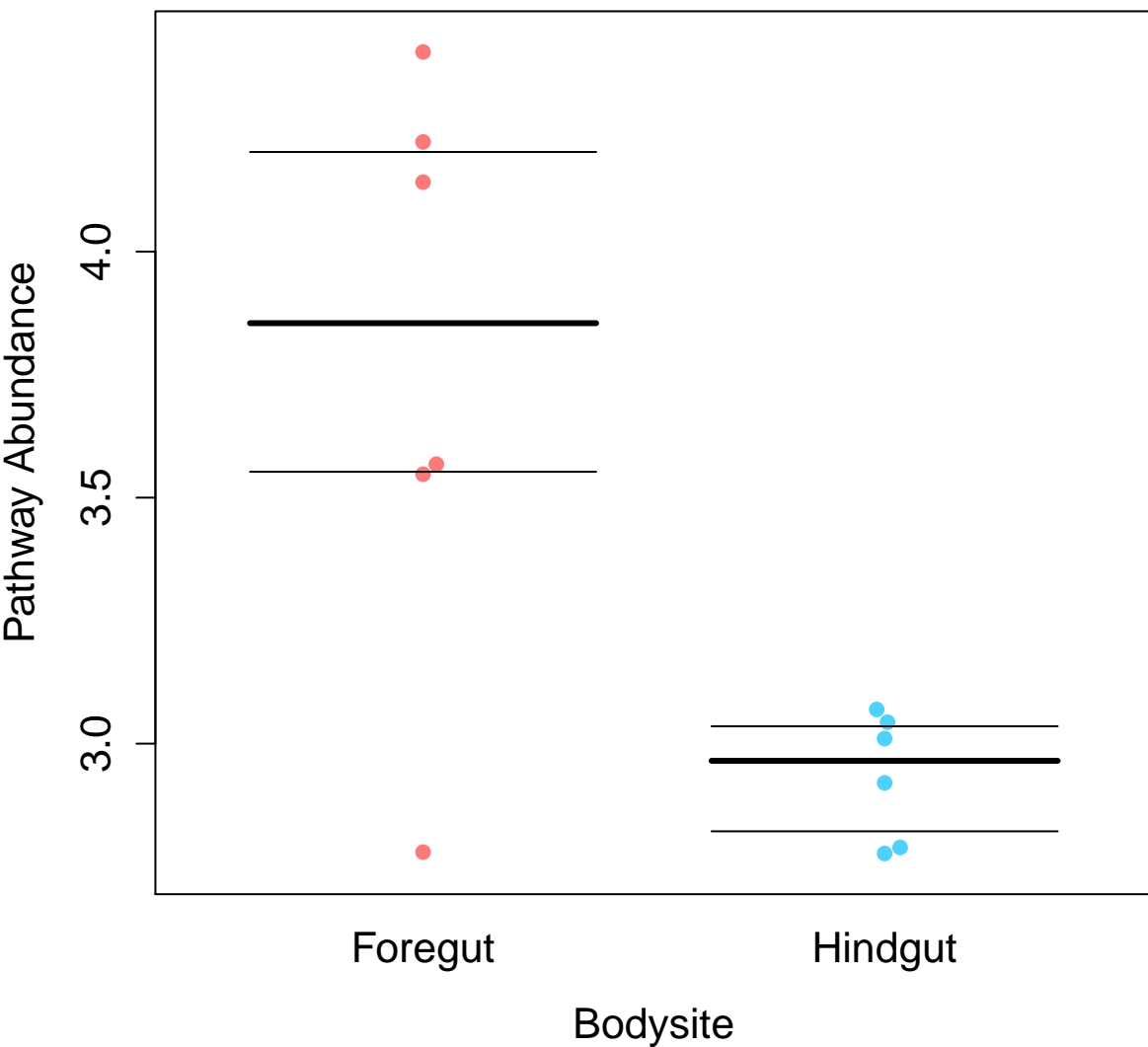
Butirosin and neomycin biosynthesis



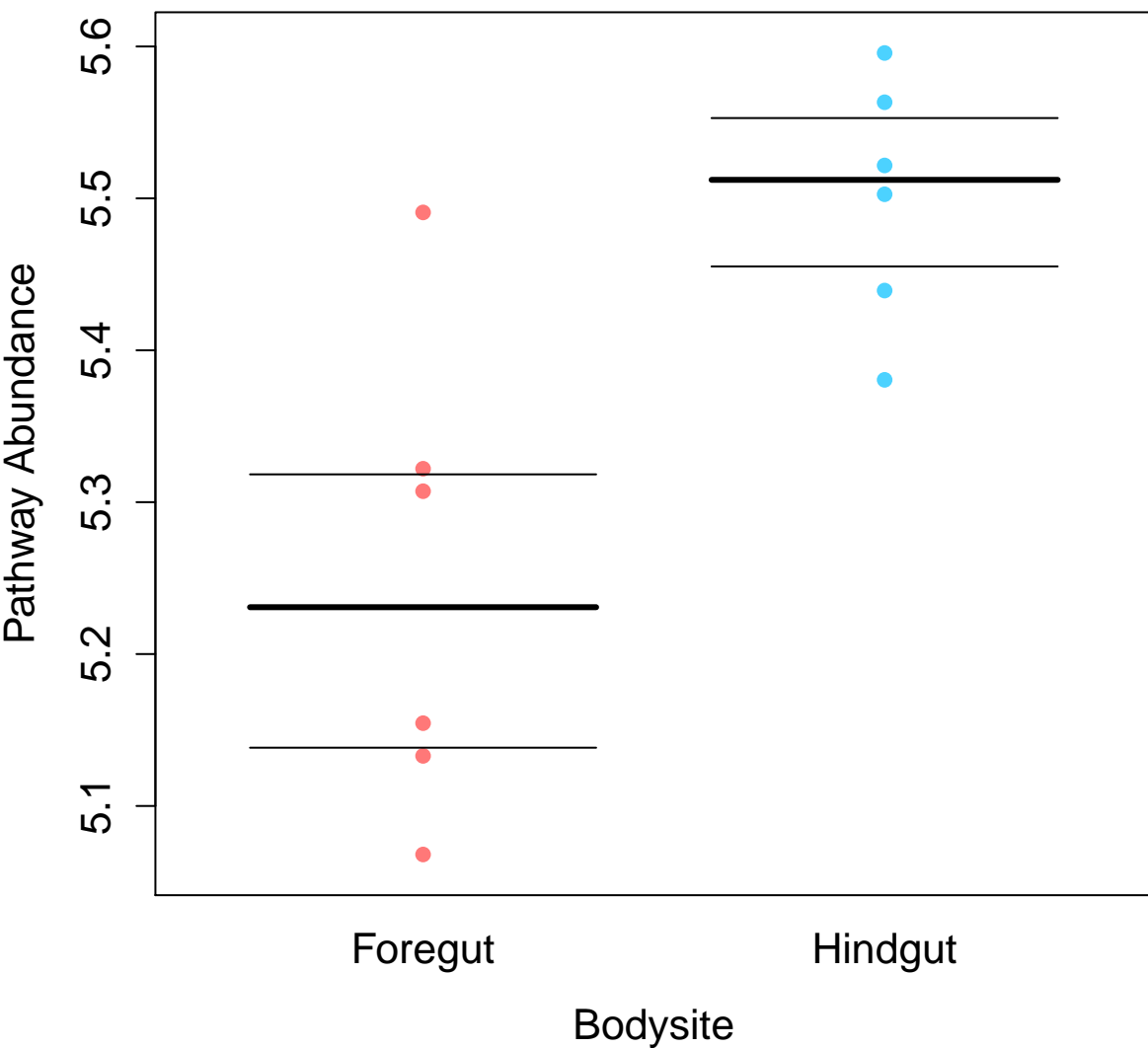
Zeatin biosynthesis



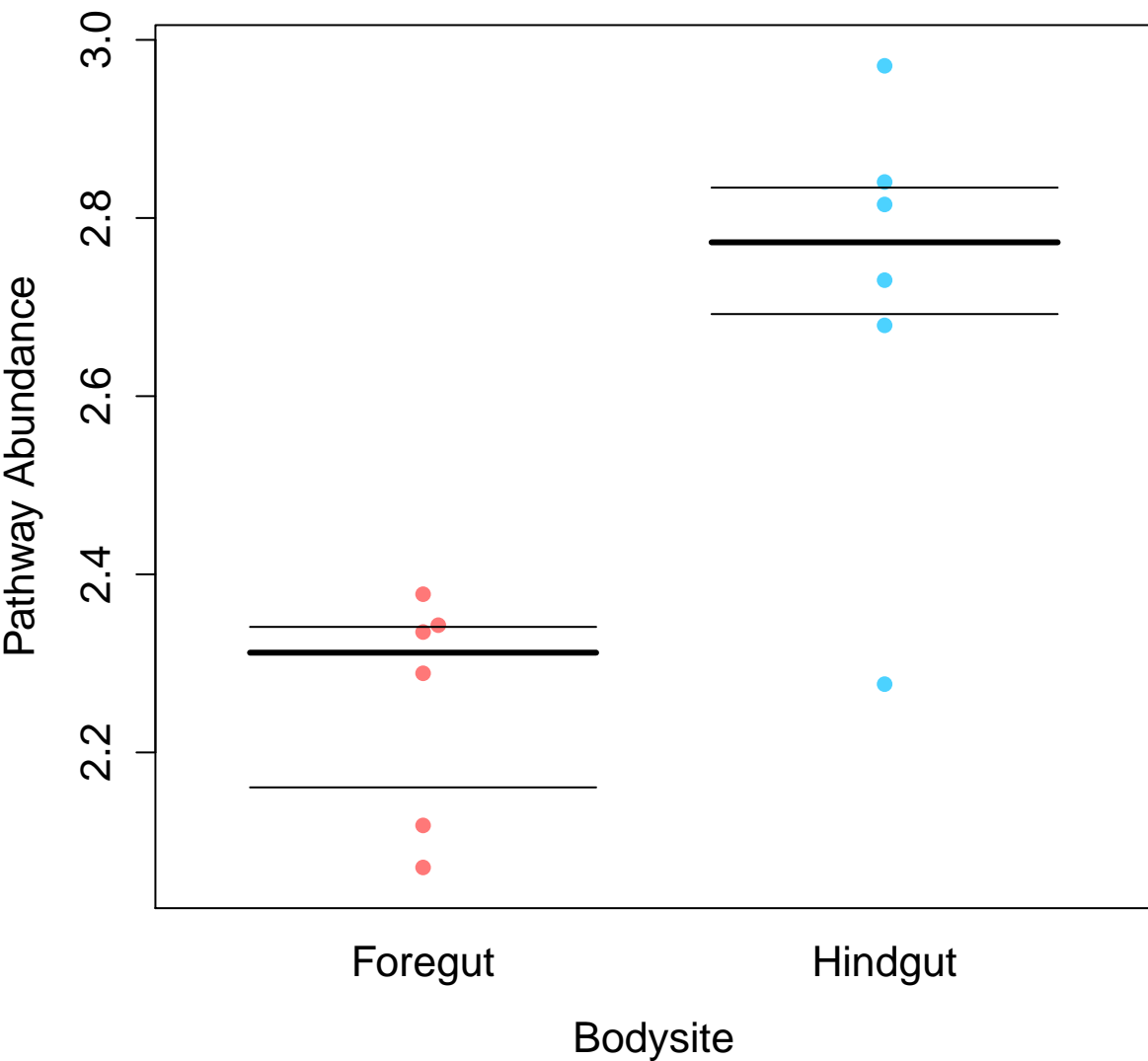
Limonene and pinene degradation



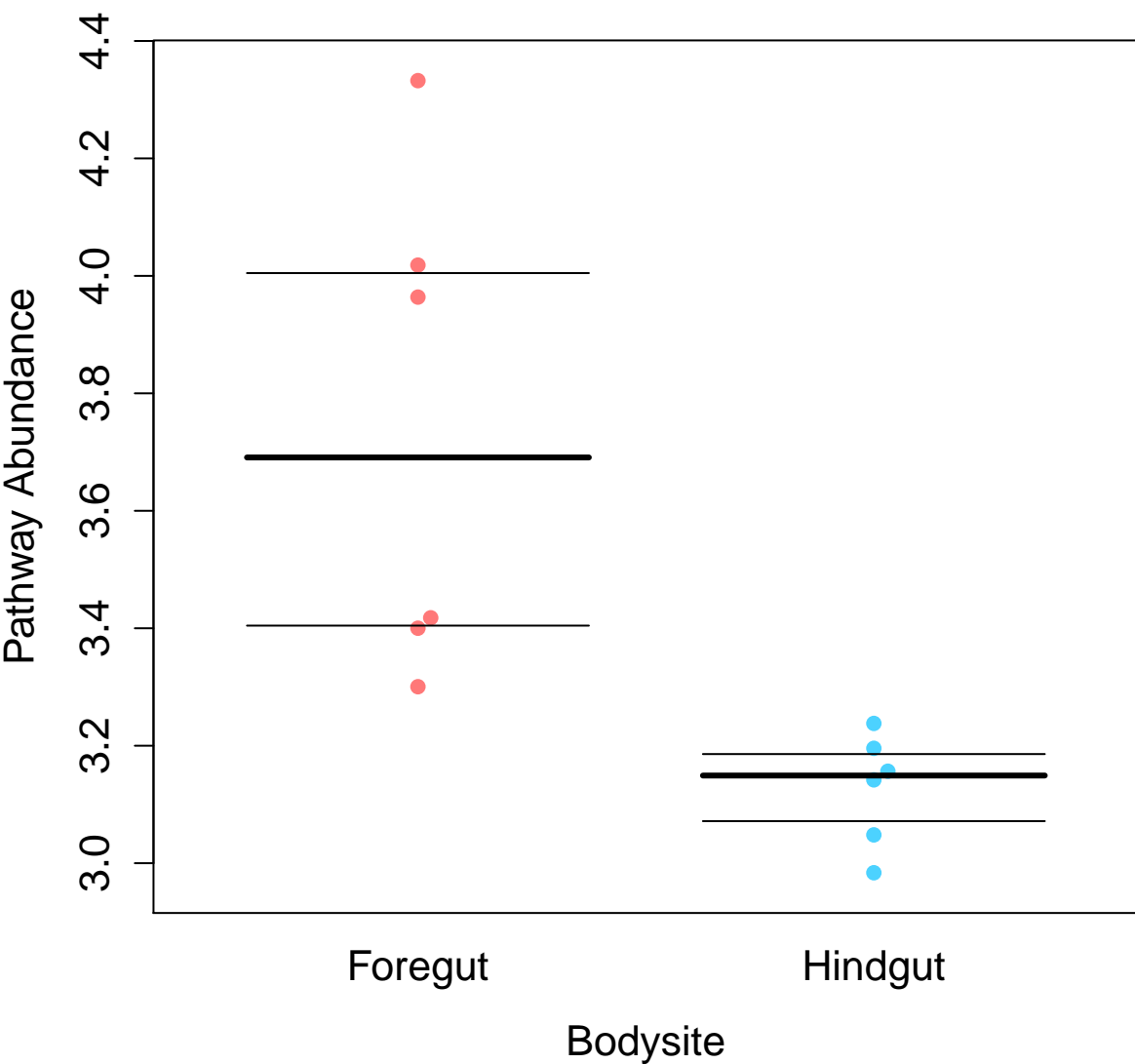
Other ion-coupled transporters



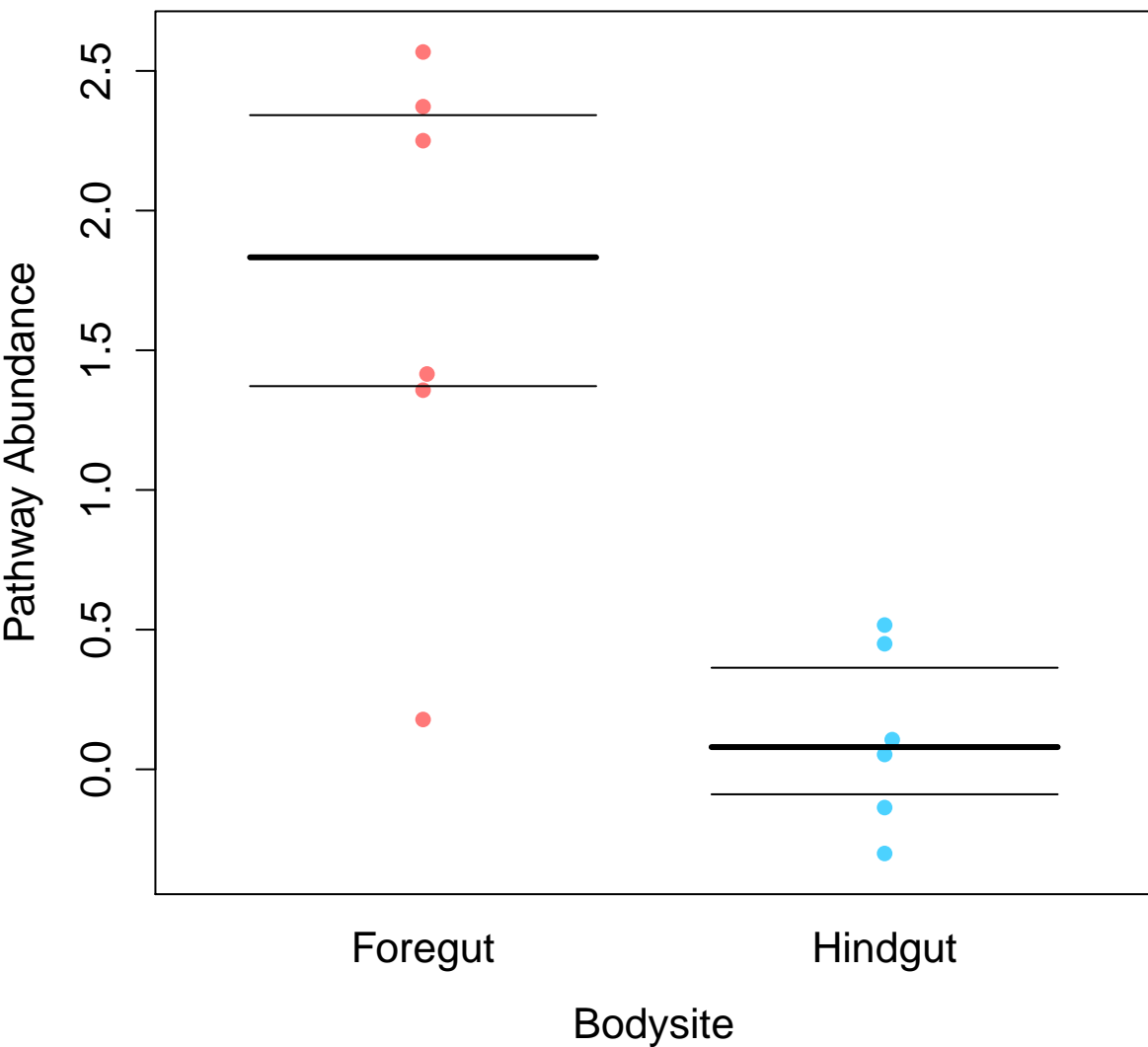
Adipocytokine signaling pathway



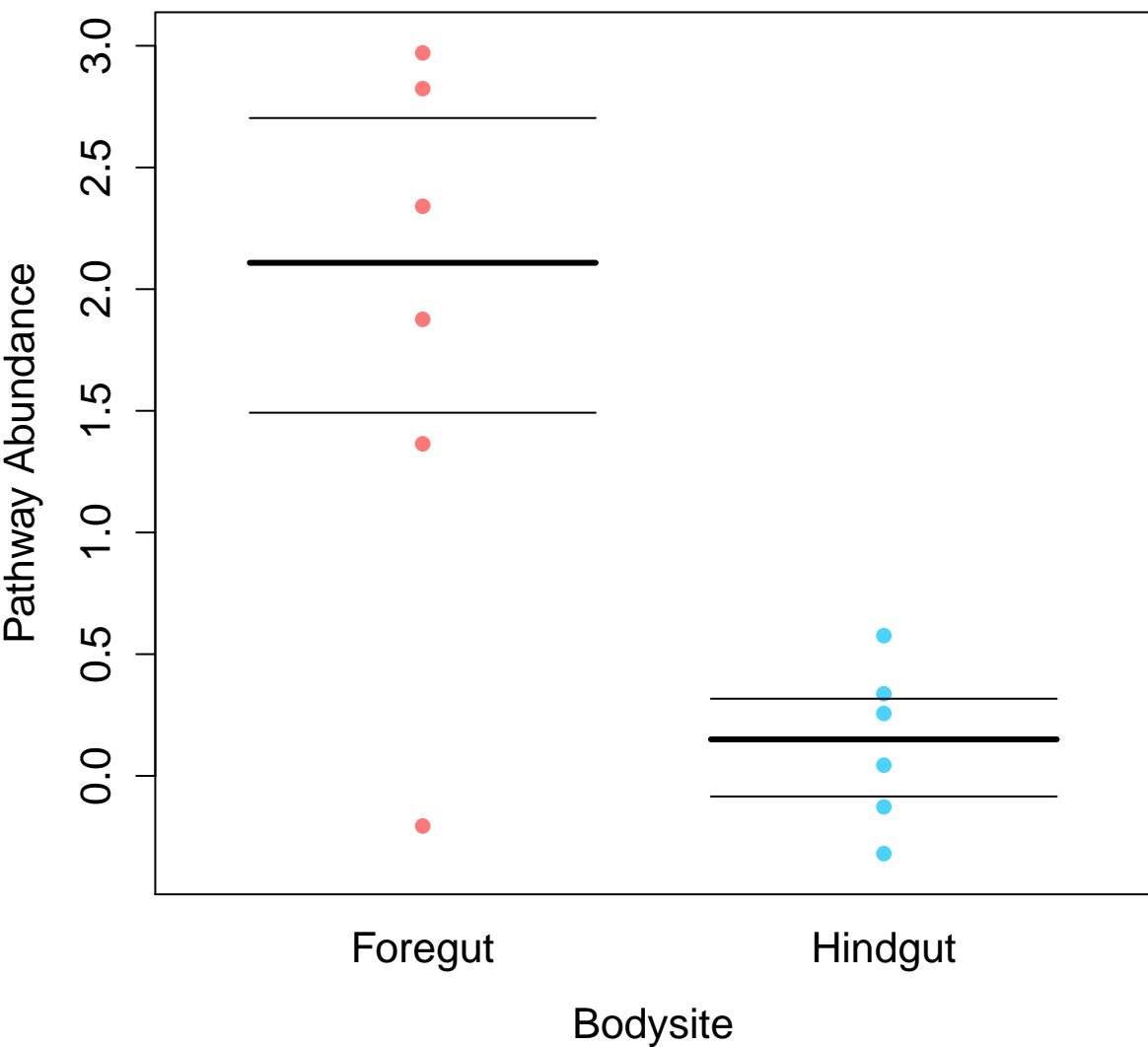
Aminobenzoate degradation



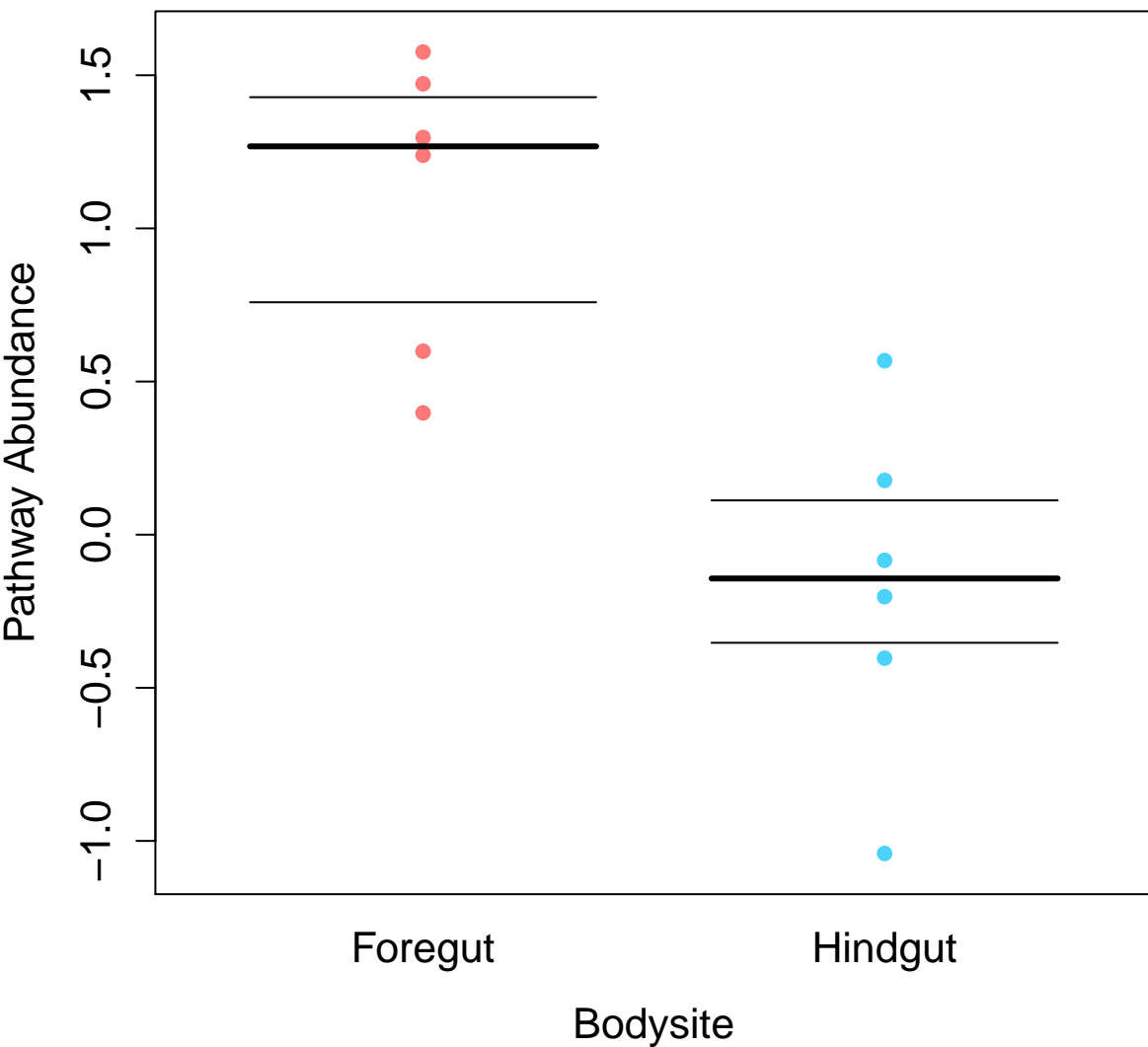
Chlorocyclohexane and chlorobenzene degradation



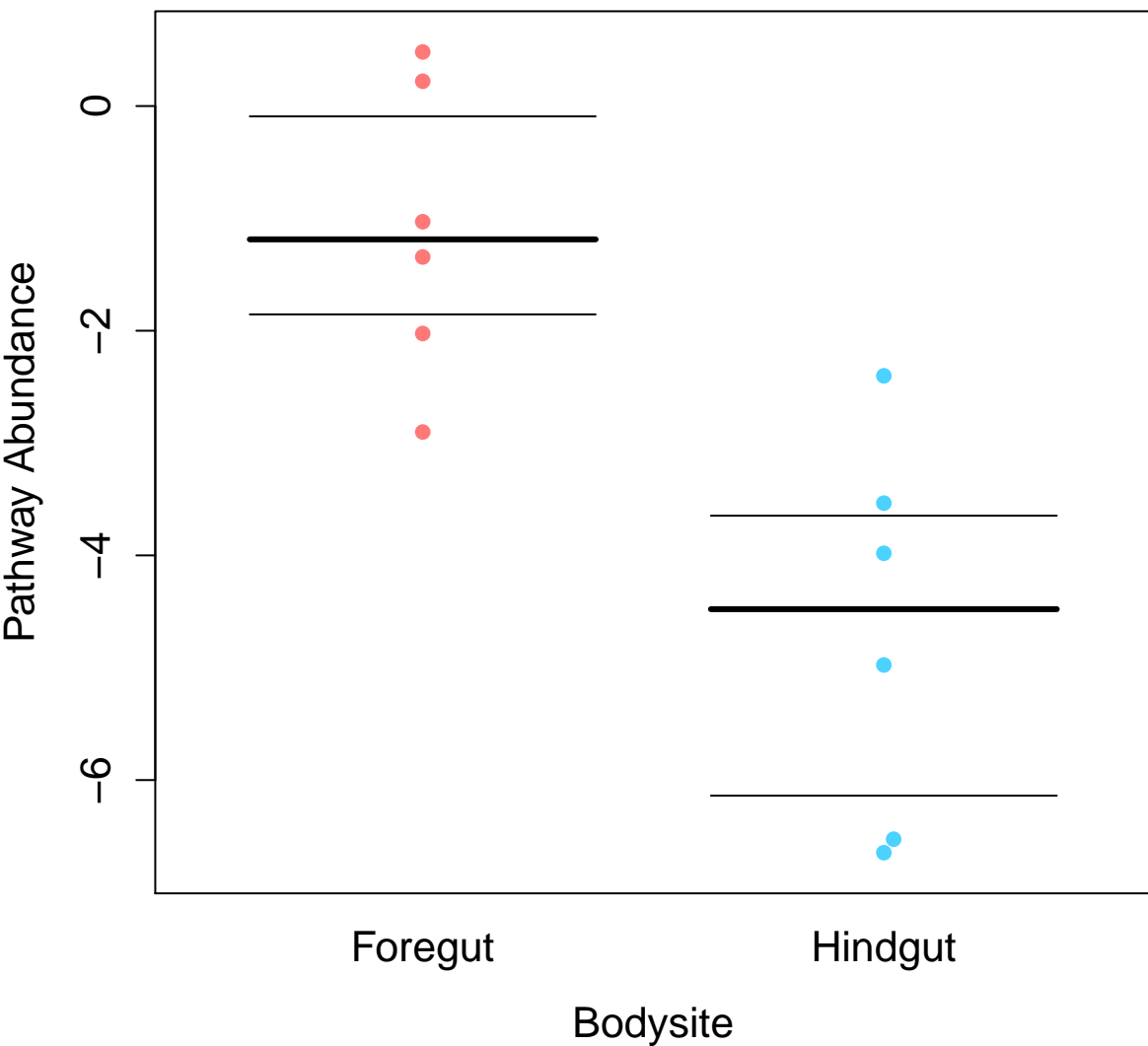
Pertussis



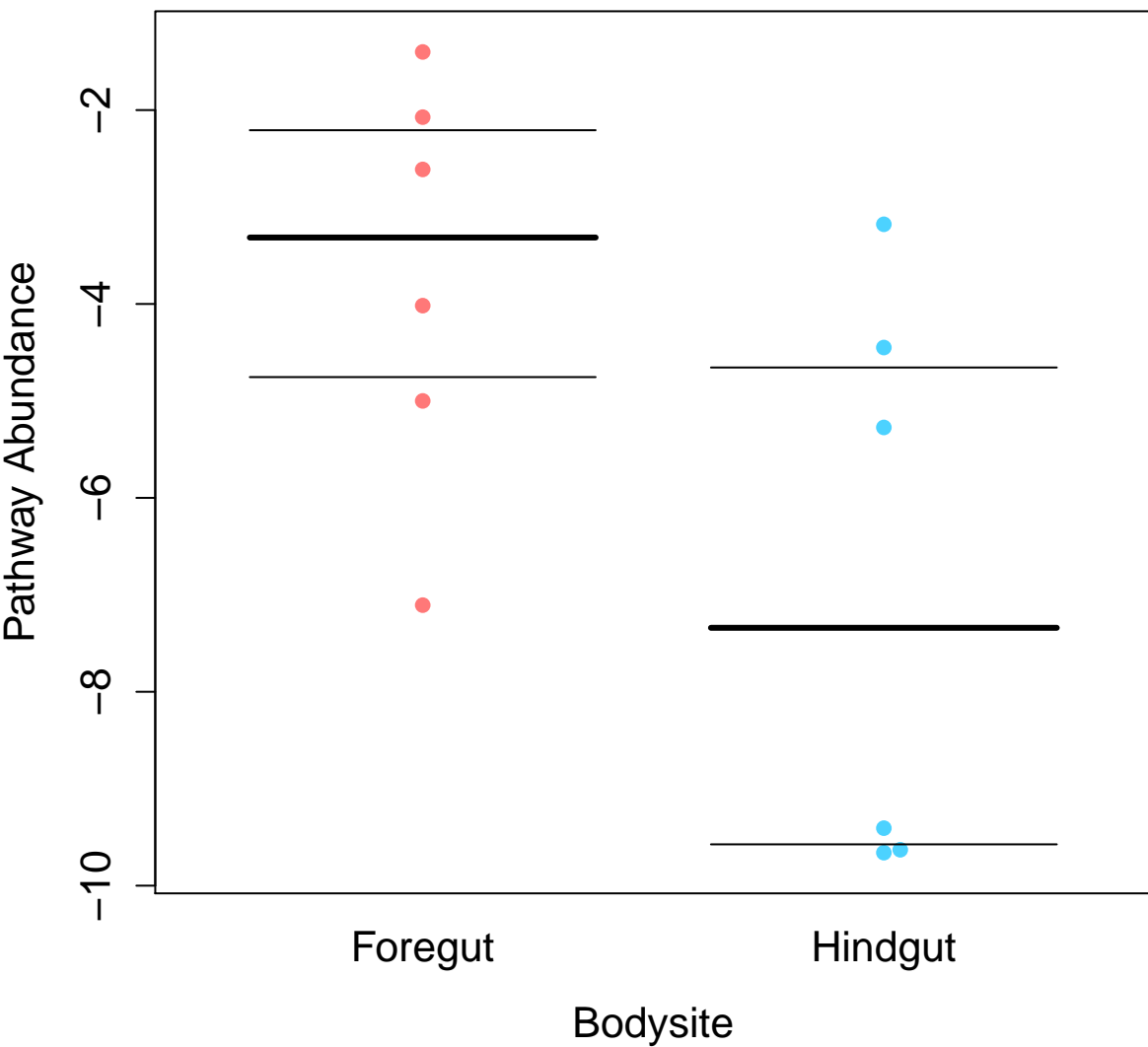
Renal cell carcinoma



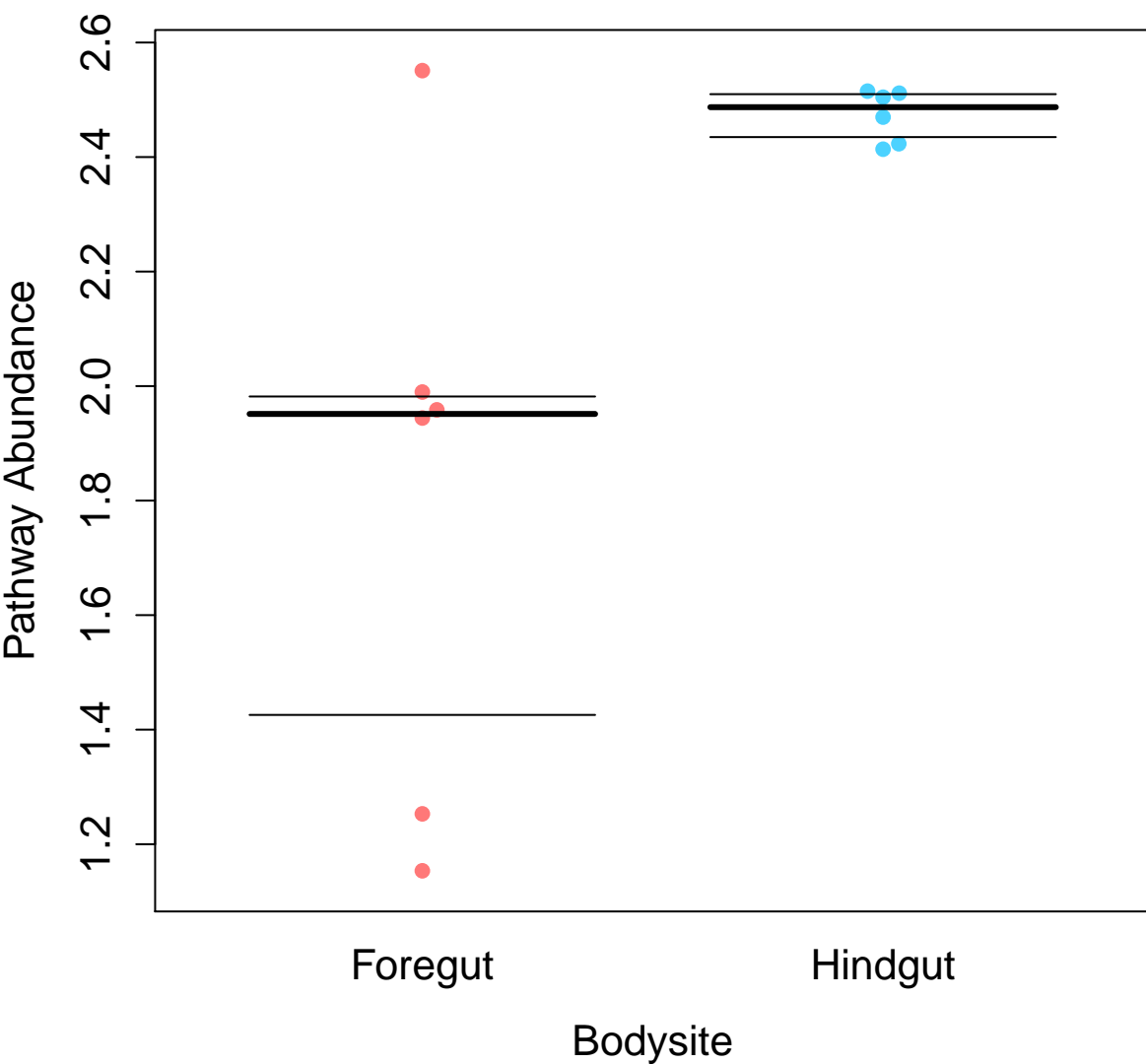
Chagas disease (American trypanosomiasis)



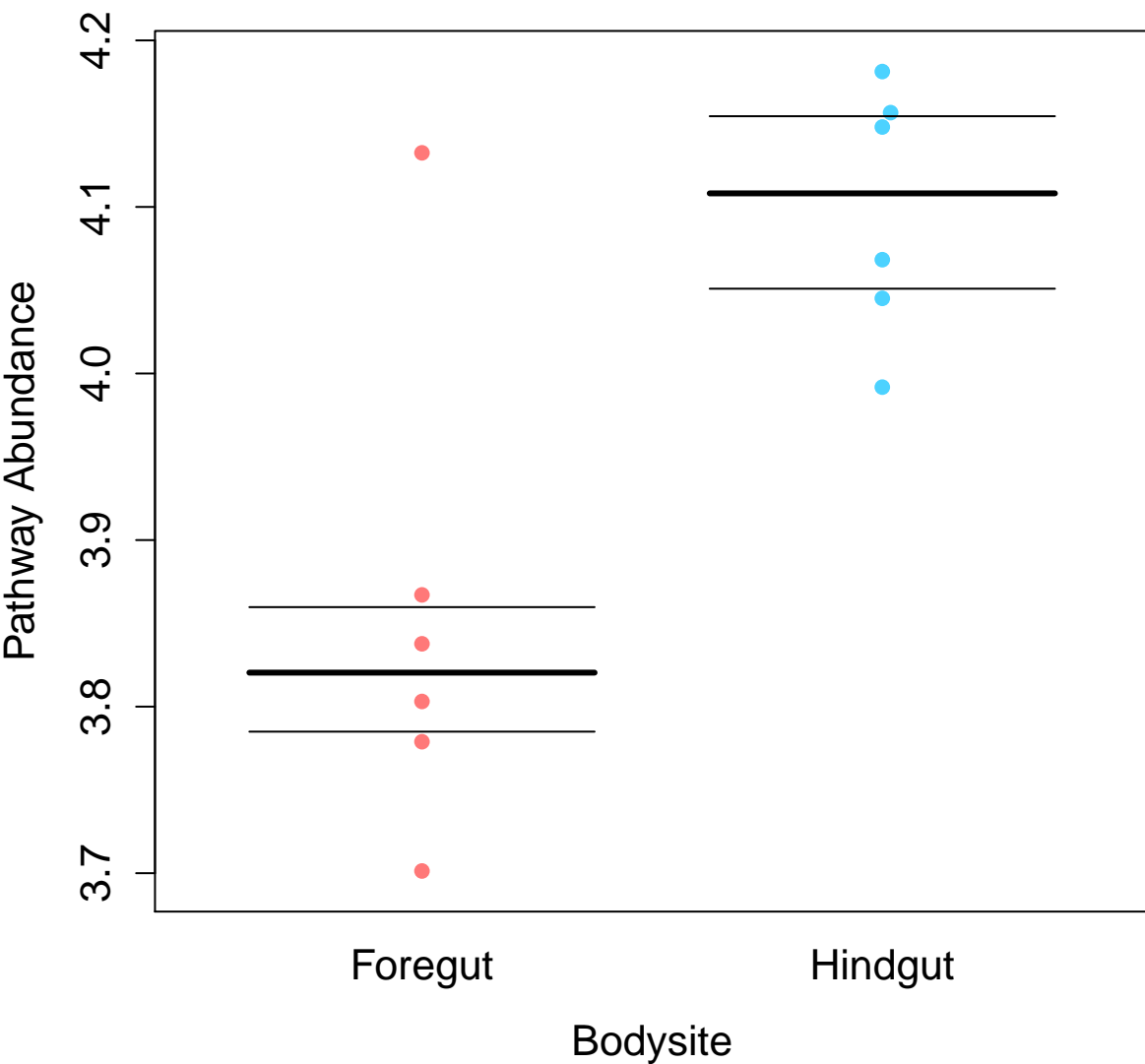
Isoflavonoid biosynthesis



Biosynthesis of vancomycin group antibiotics



Glycosyltransferases



Huntington's disease

