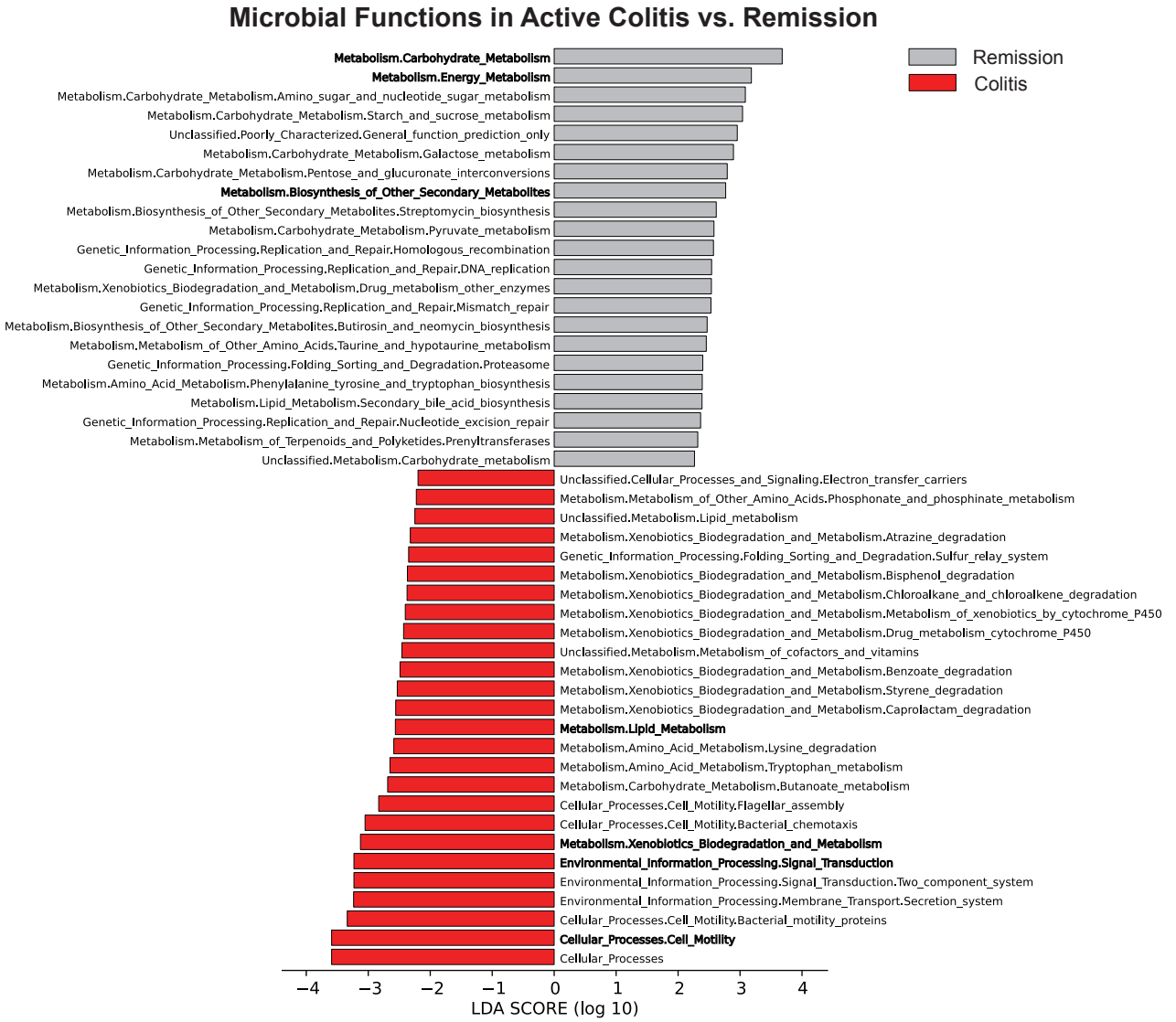
Figure S11


Microbial Functions in Active Colitis vs. Remission
Remission
Colitis
Metabolism.Carbohydrate_Metabolism
Metabolism.Energy_Metabolism
Metabolism.Carbohydrate_Metabolism.Amino_sugar_and_nucleotide_sugar_metabolism
Metabolism.Carbohydrate_Metabolism.Starch_and_sucrose_metabolism
Unclassified.Poorly_Characterized.General_function_prediction_only
Metabolism.Carbohydrate_Metabolism.Galactose_metabolism
Metabolism.Carbohydrate_Metabolism.Pentose_and_glucuronate_interconversions
Metabolism.Biosynthesis_of_Other_Secondary_Metabolites
Metabolism.Biosynthesis_of_Other_Secondary_Metabolites.Streptomycin_biosynthesis
Metabolism.Carbohydrate_Metabolism.Pyruvate_metabolism
Genetic_Information_Processing.Replication_and_Repair.Homologous_recombination
Genetic_Information_Processing.Replication_and_Repair.DNA_replication
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Drug_metabolism_other_enzymes
Genetic_Information_Processing.Replication_and_Repair.Mismatch_repair
Metabolism.Biosynthesis_of_Other_Secondary_Metabolites.Butirosin_and_neomycin_biosynthesis
Metabolism.Metabolism_of_Other_Amino_Acids.Taurine_and_hypotaurine_metabolism
Genetic_Information_Processing.Folding_Sorting_and_Degradation.Proteasome
Metabolism.Amino_Acid_Metabolism.Phenylalanine_tyrosine_and_tryptophan_biosynthesis
Metabolism.Lipid_Metabolism.Secondary_bile_acid_biosynthesis
Genetic_Information_Processing.Replication_and_Repair.Nucleotide_excision_repair
Metabolism.Metabolism_of_Terpenoids_and_Polyketides.Prenyltransferases
Unclassified.Metabolism.Carbohydrate_metabolism
Unclassified.Cellular_Processes_and_Signaling.Electron_transfer_carriers
Metabolism.Metabolism_of_Other_Amino_Acids.Phosphonate_and_phosphinate_metabolism
Unclassified.Metabolism.Lipid_metabolism
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Atrazine_degradation
Genetic_Information_Processing.Folding_Sorting_and_Degradation.Sulfur_relay_system
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Bisphenol_degradation
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Chloroalkane_and_chloroalkene_degradation
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Metabolism_of_xenobiotics_by_cytochrome_P450
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Drug_metabolism_cytochrome_P450
Unclassified.Metabolism.Metabolism_of_cofactors_and_vitamins
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Benzoate_degradation
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Styrene_degradation
Metabolism.Xenobiotics_Biodegradation_and_Metabolism.Caprolactam_degradation
Metabolism.Lipid_Metabolism
Metabolism.Amino_Acid_Metabolism.Lysine_degradation
Metabolism.Amino_Acid_Metabolism.Tryptophan_metabolism
Metabolism.Carbohydrate_Metabolism.Butanoate_metabolism
Cellular_Processes.Cell_Motility.Flagellar_assembly
Cellular_Processes.Cell_Motility.Bacterial_chemotaxis
Metabolism.Xenobiotics_Biodegradation_and_Metabolism
Environmental_Information_Processing.Signal_Transduction
Environmental_Information_Processing.Signal_Transduction.Two_component_system
Environmental_Information_Processing.Membrane_Transport.Secretion_system
Cellular_Processes.Cell_Motility.Bacterial_motility_proteins
Cellular_Processes.Cell_Motility
Cellular_Processes
−4
−3
−2
−1
0
1
2
3
4
LDA SCORE (log 10)