Cellular Processes;Cell Growth and Death
Environmental Information Processing;Membrane Transport
Metabolism;Energy Metabolism
Genetic Information Processing;Replication and Repair
Genetic Information Processing;Translation
Metabolism;Nucleotide Metabolism
Organismal Systems;Environmental Adaptation
Genetic Information Processing;Transcription
Organismal Systems;Immune System
Human Diseases;Metabolic Diseases
Metabolism;Enzyme Families
Metabolism;Carbohydrate Metabolism
Metabolism;Biosynthesis of Other Secondary Metabolites
Organismal Systems;Nervous System
Genetic Information Processing;Folding, Sorting and Degradation
Unclassified;Genetic Information Processing
Metabolism;Metabolism of Cofactors and Vitamins
Environmental Information Processing;Signaling Molecules and Interaction
Metabolism;Glycan Biosynthesis and Metabolism
Unclassified;Metabolism
Cellular Processes;Cell Motility
Human Diseases;Infectious Diseases
Cellular Processes;Transport and Catabolism
Human Diseases;Cancers
Human Diseases;Cardiovascular Diseases
Metabolism;Amino Acid Metabolism
Environmental Information Processing;Signal Transduction
Human Diseases;Neurodegenerative Diseases
Organismal Systems;Circulatory System
Metabolism;Metabolism of Other Amino Acids
Metabolism;Lipid Metabolism
Metabolism;Xenobiotics Biodegradation and Metabolism
Metabolism;Metabolism of Terpenoids and Polyketides
Organismal Systems;Endocrine System
Organismal Systems;Excretory System
Unclassified;Poorly Characterized
Human Diseases;Immune System Diseases
Unclassified;Cellular Processes and Signaling
Organismal Systems;Digestive System

Figure S4: Unsupervised hierarchical clustering analysis on the relative abundance values of KEGG pathways represented from the inflamed mucosal microbiota of UC and CD patients, as well as healthy controls. Red = Inflamed UC. Orange = Inflamed CD. Green = Healthy Subjects.