GutZoomer & Baseline

COMPARISON GUIDE

GUT DIVERSITY

- Shannon's Diversity Index
- Simpson's Diversity Index
- Firmicutes / Bacteroidetes (F/B)
- Prevotella / Bacteroides (P/B)

GUT PHYLA

- Proteobacteria
- Actinobacteria
- Fusobacteria
- Bacteroidetes
- Firmicutes
- Euryarchaeota
- Verrucomicrobia

GUT COMMENSALS SUMMARY SCORES*

- Autoimmune Health*
- Cardiovascular Health*
- Hormones*
- Inflammatory Bowel Disease*
- Intestinal Gas*
- Intestinal Permeability*
- Irritable Bowel Syndrome*
- Keystone Health*
- Liver Health*
- Metabolic Health*
- Neurological Health*
- Nutrition*
- Probiotic Health*
- SIBO*

GUT COMMENSALS

GUT MICROBIOME

- *Acinetobacter*
- *Actinomyces**
- *Alistipes*
- *Alloprevotella**
- *Atopobium*
- *Atopobium parvulum*
- *Bacteroidales**
- *Bacteroides*
- *Bacteroides caccae*
- *Bacteroides vulgatus*
- *Bifidobacterium*
- *Bifidobacterium adolescentis*
- *Bifidobacterium animalis*
- *Bifidobacterium animalis subspecies lactis*
- *Bifidobacterium catenulatum*
- *Bifidobacterium dentium*
- *Blautia*
- *Blautia hydrogenotrophica**
- *Bradyrhizobiaceae**
- *Butyricimonas**
- *Butyrivibrio*
- *Catenibacterium**
- *Christensenella minuta**
- *Clostridia cluster IV**
- *Clostridia cluster XIVa*
- *Clostridia cluster XVIII**
- *Clostridiales Family XIV incertae sedis**
- *Clostridiales Incertae Sedis IV**
- *Clostridium*
- *Clostridium hathewayi*
- *Clostridium ramosum*
- *Clostridium symbiosum**
- *Collinsella*
- *Coprococcus*
- *Desulfovibrio*
- *Desulfovibrio piger*
- *Dialister invisus**
- *Dorea*
- *Eggerthella lenta**
- *Enterobacter aerogenes*
- *Enterobacteria**
- *Enterobacteriaceae**
- *Enterococcus*
- *Enterococcus gallinarum*
- *Escherichia coli*
- *Eubacterium**
- *Eubacterium rectale*
- *Faecalibacterium prausnitzii*
- *Fusobacterium*
- *Haemophilus**
- *Hafnia**
- *Holdemania*
- *Lachnospiraceae*
- *Lactobacillaceae*
- *Lactobacillus*
- *Lactobacillus animalis**
- *Lactobacillus ruminis*
- *Lactobacillus sakei*
- *Lactococcus*
- *Leuconostoc*
- *Marvinbryantia**
- *Methanobrevibacter smithii*
- *Mycoplana**
- *Oscillospira**
- *Parabacteroides*
- *Pediococcus**
- *Peptostreptococcus*
- *Phascolarctobacterium*
- *Porphyromonas gingivalis**
- *Prevotella*
- *Prevotella copri*
- *Propionibacterium freudenreichi**
- *Proteus mirabilis*
- *Pseudobutyrivibrio*
- *Pseudomonas*
- *Roseburia*
- *Roseburia intestinalis*
- *Ruminococcaceae**
- *Ruminococcus**
- *Ruminococcus bromii*
- *Ruminococcus gnavus**
- *Ruminococcus obeum*
- *Solobacterium moorei**
- *Staphylococcaceae**
- *Staphylococcus epidermidis**
- *Staphylococcus pasteuri**
- *Staphylococcus species*
- *Tyzzerella*
- *Tyzzerella 4**
- *Veillonella*
- *Veillonellaceae**
- β-galactosidase producing bacteria*
- β-glucuronidase producing bacteria*

PROBIOTIC ORGANISMS

- *Akkermansia muciniphila*
- *Bacillus coagulans*
- *Bacillus subtilis*
- *Bifidobacterium bifidum*
- *Bifidobacterium breve*
- *Bifidobacterium infantis*
- *Bifidobacterium longum*
- *Escherichia coli Nissle**
- *Lactobacillus acidophilus*
- *Lactobacillus brevis**
- *Lactobacillus bulgaricus*
- *Lactobacillus casei*
- *Lactobacillus fermentum*
- *Lactobacillus paracasei*
- *Lactobacillus plantarum*
- *Lactobacillus reuteri*
- *Lactobacillus rhamnosus*
- *Lactobacillus rhamnosus GG*
- *Lactobacillus salivarius*
- *Saccharomyces boulardii*
- *Streptococcus*
- *Streptococcus thermophilus*

KEY | * = Gut Zoomer only

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Gut Pathogens

28 Bacteria

- *Aeromonas* spp.*
- *Bacillus cereus**
- *Campylobacter coli*
- *Campylobacter jejuni*
- *Campylobacter* spp.
- *Campylobacter upsaliensis*
- *Clostridium difficile*
- *Clostridium difficile* Toxin A
- *Clostridium difficile* Toxin B
- *Clostridium perfringens**
- *E. coli* O157
- *Edwardsiella tarda**
- Enteroaggregative *E. coli* (EAEC)
- Enteropathogenic *E. coli* (EPEC)
- Enterotoxigenic *E. coli* (ETEC) LT/ST
- *Helicobacter pylori*
- *Klebsiella pneumoniae*
- *Listeria**
- Non-*pylori Helicobacter* spp.*
- *Plesiomonas shigelloides*
- *Salmonella*
- Shiga-like toxin-producing *E. coli* (STEC) Stx1/Stx2
- *Shigella*/EIEC
- *Staphylococcus aureus*
- *Vibrio cholerae*
- *Vibrio parahaemolyticus**
- *Vibrio vulnificus**
- *Yersinia enterocolitica*

14 Protozoans

- *Balantidium coli**
- *Blastocystis hominis**
- *Chilomastix mesnili*
- *Cryptosporidium*
- *Cyclospora cayetanensis*
- *Cyclospora spp.*
- *Dientamoeba fragilis**
- *Endolimax nana**
- *Entamoeba coli**
- *Entamoeba histolytica*
- *Giardia lamblia*
- *Isospora belli**
- *Pentatrichomonas hominis**
- *Trichomonas hominis**

15 Helminths

- *Ancylostoma duodenale*
- *Ascaris lumbricoides*
- *Diphyllobothrium latum*
- *Dipylidium caninum*
- *Enterobius vermicularis*
- *Fasciola/Fasciolopsis*
- *Hymenolepis*
- Larval nematode*
- *Mansonella**
- *Necator americanus*
- *Schistosoma**
- *Strongyloides stercoralis*
- *Taenia solium**
- *Taenia spp.**
- *Trichuris trichiura*

13 Viruses

- Adenovirus F40/41
- Astrovirus
- Cytomegalovirus
- Enterovirus*
- Epstein Barr Virus
- Human Bocavirus*
- Norovirus GI Virus
- Norovirus GII Virus
- Rotavirus A
- Sapovirus I
- Sapovirus II
- Sapovirus IV
- Sapovirus V

6 Fungi

- *Candida albicans*
- *Candida glabrata*
- *Candida spp.*
- *Geotrichum spp.*
- *Microsporidium spp.*
- *Rodotorula spp.*

Antibiotic Resistance Genes

- Helicobacter - Clarithromycin
- Helicobacter - Fluoroquinolones
- Fluoroquinolones
- Vancomycin
- b-lactamase
- Macrolides
- Tetracycline *
- Aminoglycoside*
- Bactrim
- Carbapenem*
- Rifampin*
- Polymyxins*

Gut Neurotransmitters*

Dopaminergic Pathway

- PEA (Phenylethylamine)*
- Dopamine*
- DOPAC*
- HVA*
- Normetanephrine*
- VMA*
- 3-Methoxy-tyramine*
- Metanephrine*
- Tyrosine*
- Tyramine*
- L-DOPA*
- HVA / VMA Ratio*
- HVA / DOPAC Ratio*

Kynurenine Pathway

- Xanthurenic Acid*
- Quinolinic Acid*
- Kynurenic Acid*
- Quinolinic Acid / 5-HIAA Ratio*

GABAergic Pathway

- GABA*
- Glutamate*

Histaminergic Pathway

- Histamine*

Tryptamine Pathway

- Tryptamine*

Serotonergic Pathway

- Serotonin*
- 5-HIAA*
- 5-HTP*
- Tryptophan*

Other Pathways

- Glycine*
- Taurine*
- Acetylcholine*
- Aspartate*
- Serine*
- Oxytocin*

Scan the QR code or click here for New York-approved markers.

Gut Inflammation

- Beta Defensin 2*
- Calprotectin
- Fecal Eosinophil Protein X
- Fecal Lactoferrin
- Lysozyme*
- MMP 9*
- S100A12*
- Fecal Immunochemical Test (FIT)

Gut Permeability And Antibodies

Gut Permeability

- Fecal Zonulin

Mucosal Immunity

- Secretory IgA

Gut Antibodies

- Lipopolysaccharide Antibody (IgG+IgA)
- Anti-Saccharomyces Cerevisiae Antibody (IgG+IgA)
- Tissue Transglutaminase (IgG+IgA)
- Deamidated Gliadin Peptide (IgG+IgA)
- Fecal Anti Gliadin (IgG+IgA)
- Actin Antibody (IgG+IgA)

Digestion And Malabsorption

Digestion

- pH*
- Pancreatic Elastase 1

Dietary Fiber*

- Meat Fiber*
- Vegetable Fiber*

Fat Malabsorption

- Total Fecal Fat
- Total Fecal Triglycerides
- Long Chain Fatty Acids
- Total Cholesterol
- Total Phospholipids

Gut Metabolites

Bile Acid Metabolites

- Cholic Acid (CA)
- Chenodeoxycholic Acid (CDCA)
- Deoxycholic Acid (DCA)
- Lithocholic Acid (LCA)
- LCA/DCA Ratio

Short Chain Fatty Acids

- Acetate
- Butyrate
- Propionate
- Valerate
- Total SCFA

Estrogen Metabolism

- ß-glucuronidase