VibrantWellness

Gut Zoomer Markers List

The Gut Zoomer™ is the most comprehensive gut microbiome test on the market. It measures over 170 species and genus-level measurements, phylum assessments, and two diversity indexes. We also provide recommendations for 35 commonly used probiotic products that may be appropriate based on risks determined by lab test results. Our proprietary microchip technology allows for the simultaneous detection of DNA from almost 200 species and genera of microorganisms from a one-time collection of stool samples.

Bacteria include:

Commensals (including probiotics)
Acinetobacter
Akkermansia
Akkermansia muciniphila
Alloprevotella
Atopobium
Atopobium parvulum
Bacillus coagulans
Bacillus subtilis
Bacteroidales
Bacteroides
Bacteroides caccae
Bacteroides vulgatus
Bacteroidetes
Bifidobacterium
Bifidobacteria
Bifidobacterium adolescentis
Bifidobacterium animalis
Bifidobacterium animalis subsp Lactis
Bifidobacterium bifidum
Bifidobacterium breve
Bifidobacterium catenulatum
Bifidobacterium dentium
Bifidobacterium infantis
Bifidobacterium lactis
Bifidobacterium longum
Bifidobacterium spp
Blautia
Blautia hydrogenotorophica
Bradyrhizobiaceae
Butyricimonas
Butyrivibrio
Catenibacterium
Clostridia clusters IV
Clostridia clusters XIVa
Clostridia clusters XVIII
Clostridiales Family XIV
Incertae Sedis
Clostridium
Clostridium hathewayi
Clostridium ramosum
Clostridium symbiosum
Clostridiales Incertae Sedis IV
Collinsella
Coprococcus
Desulfovibrio piger
Desulfovibrio
Dialister invisus
Dorea
Dysgonomonas
Eggerthella lenta
Enterobacter aerogenes
Enterobacteria
Enterobacteriaceae
Enterococcus species
Enterococcus gallinarum
Escherichia coli
Escherichia coli Nissle
Eubacterium
Eubacterium rectale
Faecalibacterium prausnitzii
Faecalibacterium
Firmicutes
Fusobacteria
Fusobacterium
Haemophilus
Lachnospiraceae
Lactobacillaceae
Lactobacillus
Lactobacillus acidophillus
Lactobacillus animalis
Lactobacillus brevis
Lactobacillus bulgaricus
Lactobacillus casei
Lactobacillus fermentum
Lactobacillus paracasei
Lactobacillus plantarum
Lactobacillus reuteri
Lactobacillus rhamnosus
Lactobacillus ruminis
Lactobacillus sakei
Lactobacillus salivarius
Lactococcus
Leuconostoc
Methanobrevibacter
Methanobrevibacter smithii
Micrococcus
Mycoplana
Oscillospira
Pediococcus
Peptostreptococcus
Phascolarctobacterim
Porphyromonas gingivalis
Prevotella
Prevotella copri
Propionibacterium
Propionibacterium freudenreichii
Proteobacteria
Proteus mirabilis
Pseudobutyrivibrio
Psuedomonas
Roseburia
Roseburia intestinalis
Ruminococcaceae
Ruminococcus
Ruminococcus bromii
Ruminococcus gnavus
Ruminococcus obeum
Solobacterium moorei
Staphylococcaceae
Staphylococcus species
Staphylococcus epidermidis
Staphylococcus pasteuri
Streptococcus species
Streptococcus thermophilus
Tyzzerella
Tyzzerella 4
Veillonella
Veillonellaceae

Gut Diversity

Shannon's Index
Simpson's Index

Key Ratios

Firmicutes/Bacteroidetes (F/B) Ratio
Prevotella/Bacteroides (P/B) Ratio

Phyla

Proteobacteria
Actinobacteria
Firmicutes
Bacteroidetes
Fusobacteria
Verrucomicrobia
Euryarchaeota

Gut Zoomer Markers List

Pathogenic bacteria

- Clostridium difficile Toxin A
- Clostridium difficile Toxin B
- Campylobacter spp
- Campylobacter jejuni
- Campylobacter coli
- Campylobacter upsaliensis
- Plesiomonas shigelloides
- Vibrio (parahaemolyticus)
- Enteropathogenic E.coli (EPEC)
- Enterotoxigenic E.coli (ETEC) Lt/St
- E.coli O157
- Shiga-Like Toxin Producing E.coli (STEC) Stx1/Stx2
- Shigella/EIEC
- Helicobacter pylori
- Listeria
- Vibrio (cholerae)
- Enteroaggregative E.coli (EAEC)
- Klebsiella pneumoniae
- Edwardsiella tarda
- Yersinia enterocolitica
- Vibrio (vulnificus)
- Salmonella

Parasites - Protozoans

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

Parasites - Helminths

- Strongyloides stercoralis
- Taenia solium
- Schistosoma
- Fasciola/Fasciolopsis
- Hymenolepis
- Dipylidium caninum
- Diphyllobothrium latum
- Enterobius vermcularis
- Mansonella
- Ancylostoma duodenale
- Ascaris lumbricoides
- Necator americanus
- Trichuris trichiura
- Taenia species
- Larval Nematode

Viruses

- Adenovirus F40/41
- Rotavirus A
- Astrovirus
- Norovirus GI
- Norovirus GII
- Sapovirus I
- Sapovirus II
- Sapovirus IV
- Sapovirus V
- Cytomegalovirus
- Epstein Barr virus

Fungi

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

Antibiotic resistance genes

- Helicobacter – Clarithromycin
- Helicobacter – Fluoroquinolones
- Universal Microbiota Resistance Genes – b-lactamase
- Universal Microbiota Resistance Genes – Fluoroquinolones
- Universal Microbiota Resistance Genes – Macrolides
- Universal Microbiota Resistance Genes – Vancomycin

Inflammatory Markers

- Calprotection
- Fecal lactoferrin
- Beta defensin 2
- Lysozyme
- S100A12
- MMP 9
- Fecal Eosinophil Protein X

Markers of Digestive Insufficiency

- Pancreatic Elastase 1
- Meat Fiber
- Vegetable Fiber
- Total Fecal Fat
- Total Fecal Triglycerides
- Long Chain Fatty Acids
- Total Cholesterol
- Total Phospholipids

Gut Metabolites

- Cholic Acid (CA)
- Chenodeoxycholic Acid (CDCA)
- Deocycholic Acid (DCA)
- Lithocholic acid (LCA)
- LCA/DCA ratio
- Acetate
- Butyrate
- Propionate
- Valerate
- Total Short Chain Fatty Acids

Other Markers

- Secretory IgA (sIgA)
- ß-glucuronidase
- Fecal Occult Blood
- pH
- Fecal Zonulin
- Fecal Anti Gliadin

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