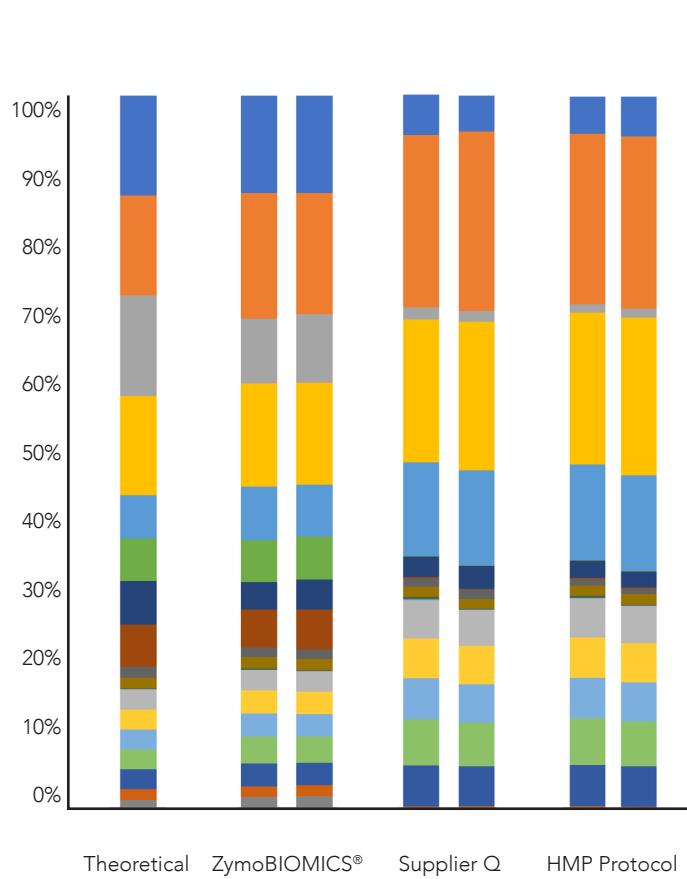


# ZymoBIOMICS® Gut Microbiome Standard

- **True to Life:** comprised of 21 different strains to mimic the human gut microbiome
- **Accurate Composition:** allows for benchmarking and validation of NGS microbiome workflows
- **Cross Kingdom Representation:** includes Bacteria, Fungi, and Archaea

## Optimize Microbiome Analysis of Gut Samples



Species	Theoretical Abun. (%)
Faecalibacterium prausnitzii	14
Veillonella rogosae	14
Roseburia hominis	14
Bacteroides fragilis	14
Prevotella corporis	6
Bifidobacterium adolescentis	6
Fusobacterium nucleatum	6
Lactobacillus fermentum	6
Clostridioides difficile	1.5
Akkermansia muciniphila	1.5
Methanobrevibacter smithii	0.1
Salmonella enterica	0.01
Enterococcus faecalis	0.001
Clostridium perfringens	0.0001
Escherichia coli (JM109)	2.8
Escherichia coli (B-3008)	2.8
Escherichia coli (B-2207)	2.8
Escherichia coli (B-766)	2.8
Escherichia coli (B-1109)	2.8
Candida albicans	1.5
Saccharomyces cerevisiae	1.4

The ZymoBIOMICS® Gut Microbiome Standard consists of a mix of hard-to-lyse bacteria, easy-to-lyse bacteria, two yeasts and an archaea species in ratios mimicking the human gut microbiome. The standard was used to compare different DNA extraction protocols. The resulting DNA was profiled using metagenomic shotgun sequencing.

Product	Cat. No.	Size
ZymoBIOMICS® Gut Microbiome Standard	D6331	10 preps



info@zymoresearch.com



www.zymoresearch.com



Toll Free: (888) 882-9682

Cat. No. DS1712