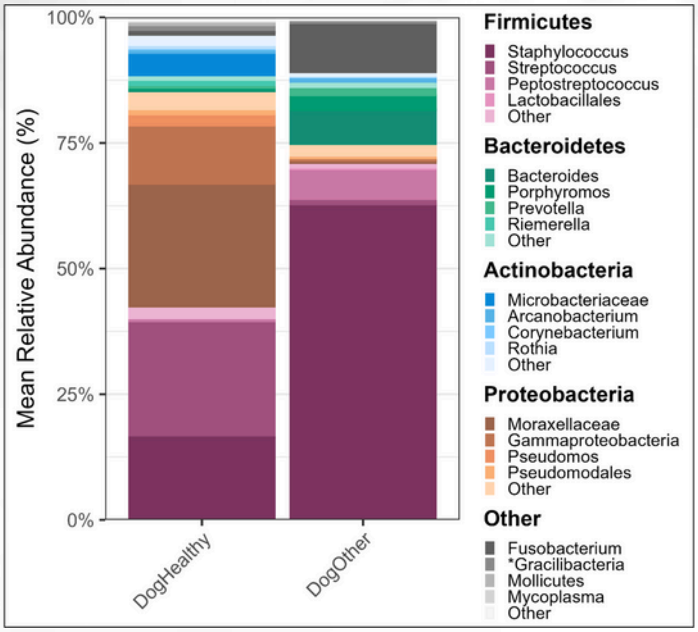
MiDOG Research Study

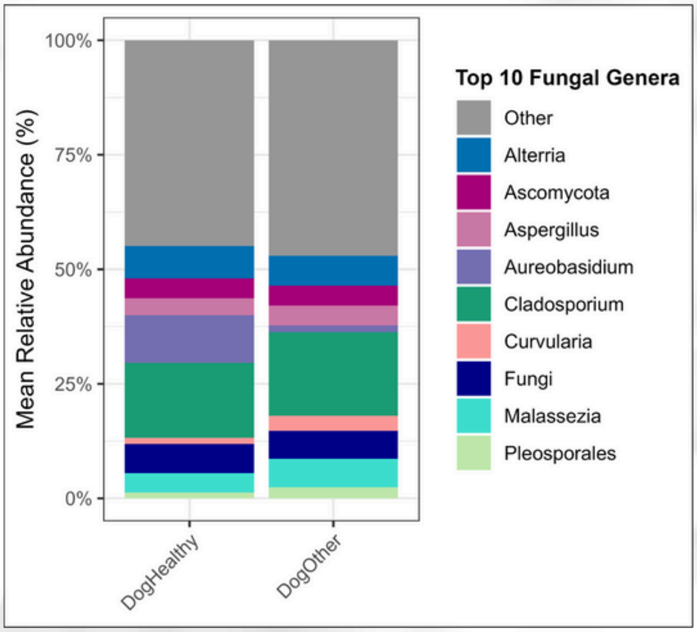
At MiDOG, we provide full microbiome sequencing using either a targeted approach (16S & ITS) or whole genome sequencing depending on your needs.

Our analysis service includes:

- Abundance Tables for All Taxonomic Levels (Phylum to Species Level)
- Alpha Diversities
- Beta Diversity, Canonical Analysis of Principal (CAP) Coordinate Ordination
- Taxa Plots
- Core Microbiome Analysis
- Statistical Analysis (Lefse, Co-occurrence, Regression Analysis
- Heatmaps
- Time Course Analysis
- Antimicrobial Resistance Panels
- KEGG Pathway Analysis
- And More!

Example Graphs

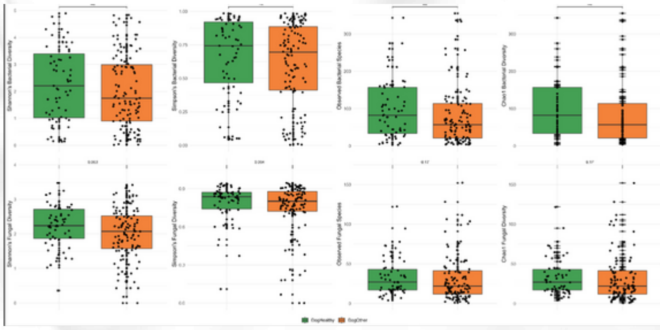




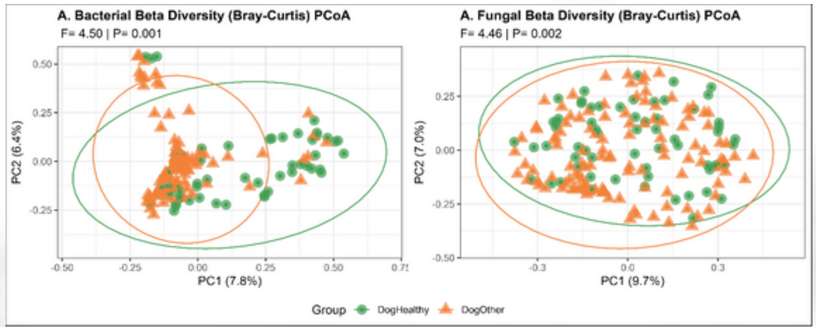
Abundance Tables for All Taxonomic Levels (Phylum to Species Level)

MiDOG Research Study

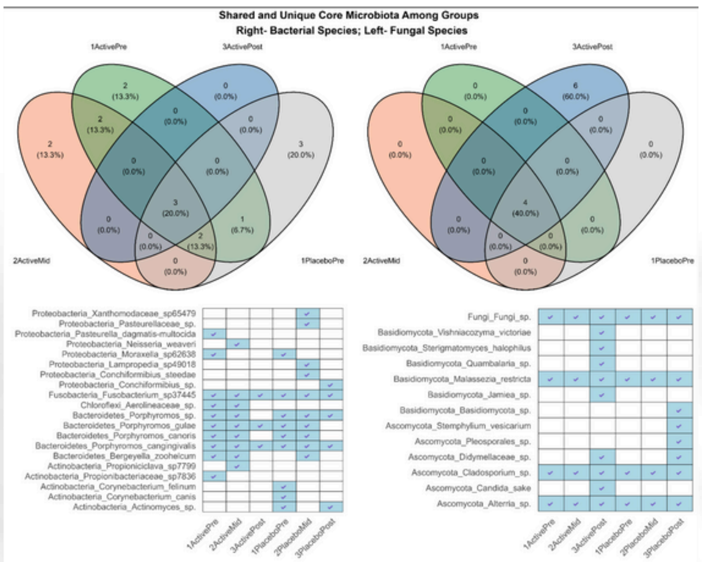
MiDOG Animal Diagnostics



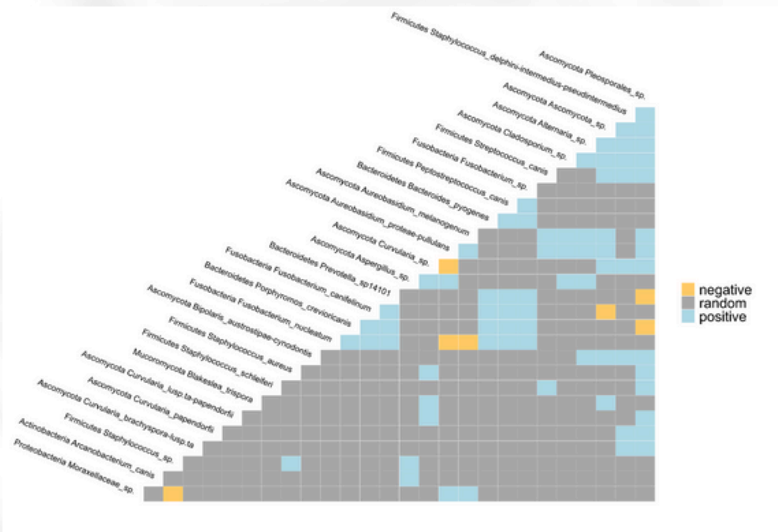
Alpha Diversities



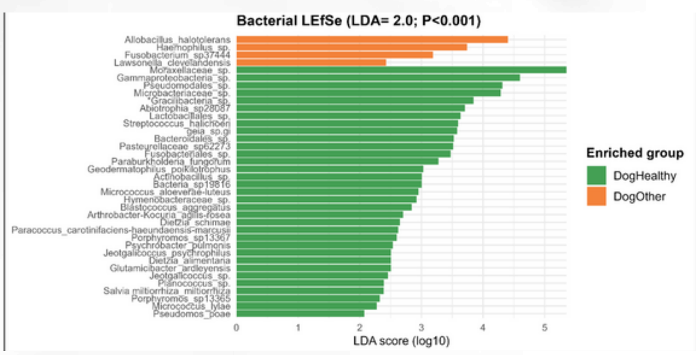
Beta Diversity, Canonical Analysis of Principal (CAP) Coordinate Ordination



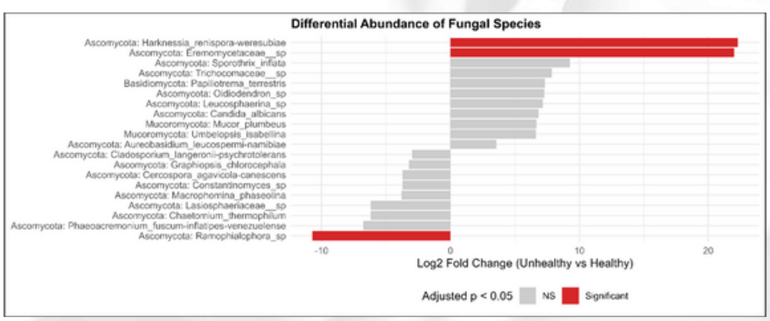
Core Microbiome Analysis



Statistical Analysis (Co-occurrence)



Statistical Analysis (Lefse)



Statistical Analysis (Lefse)

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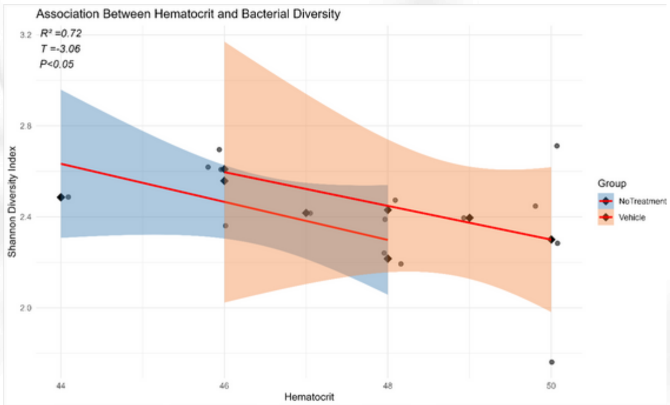
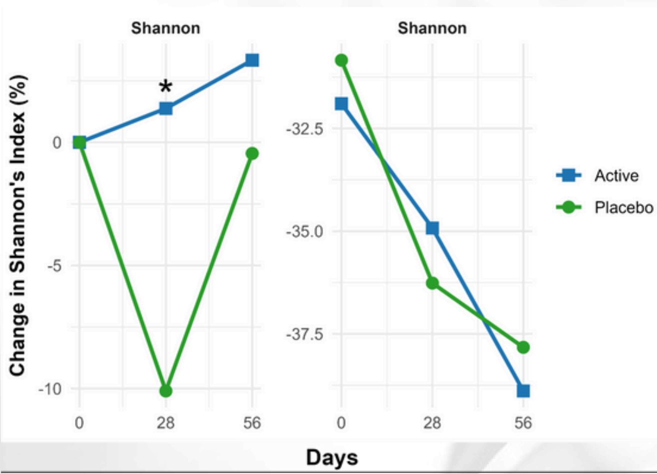
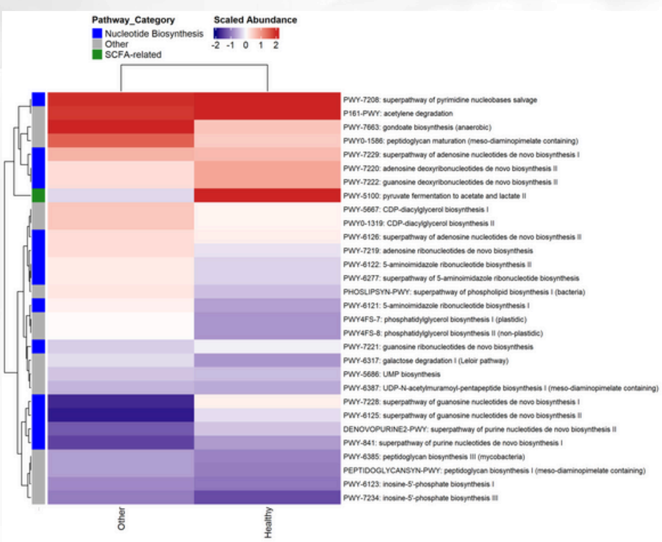
MiDOG Animal Diagnostics



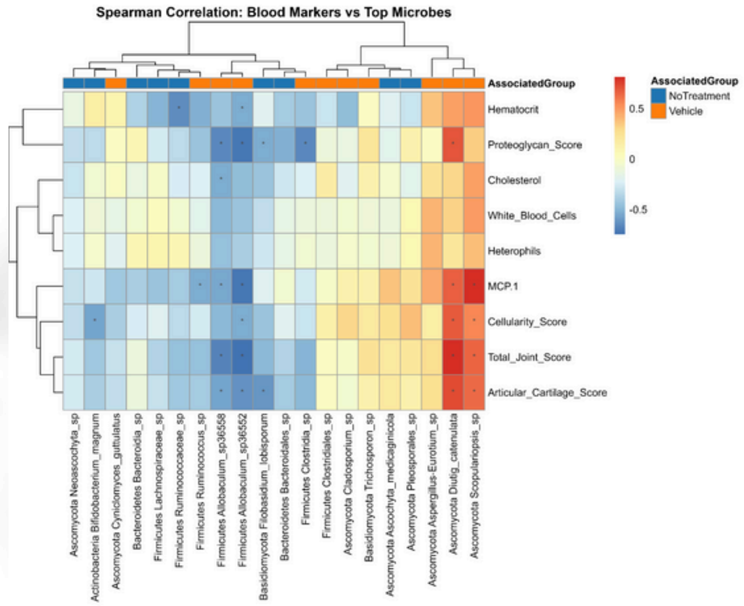
Statistical Analysis (Regression)



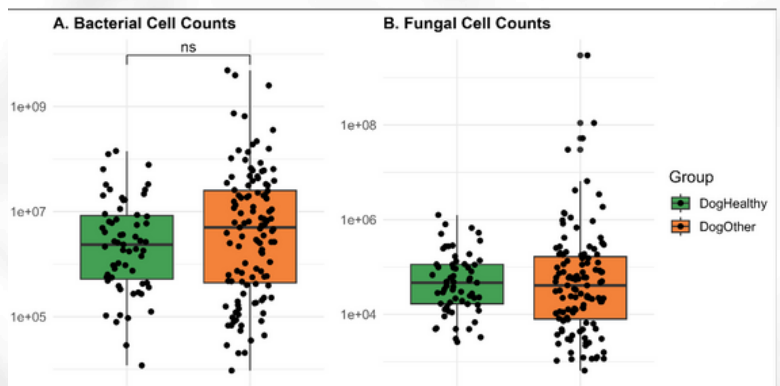
Time Course Analysis



KEGG Pathway Analysis



Heatmaps



Absolute Cell Counts

The mindset at MiDOG Animal Diagnostics is very research and discovery driven. The answers we can achieve from studying and understanding the animal microbiome in health and disease are fascinating and can drive innovation.

With a large proven track record of over 45 publications in peer-reviewed journals, the MiDOG Team is well-suited to support your research projects throughout the whole process.

MiDOG, LLC., 14762 Bentley Cir., Tustin CA 92780

(833) 456-4364 info@midogtest.com

For more information, please scan here: