AGP Trading Card

american gut

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TACGGAGGGTGCAAGCGTTAATCGGAATAACTGGGCGTAAAGGGCATGCA
GGCGGTTCATCAAGTAGGATGTGAAATCCCCGGGCTCAACCTGGGAACAG
CATACTAAACTGGTGGACTAGAGTA
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TAXONOMY: k__Bacteria;
  p__Proteobacteria;
  c__Gammaproteobacteria;
  o__Aeromonadales;
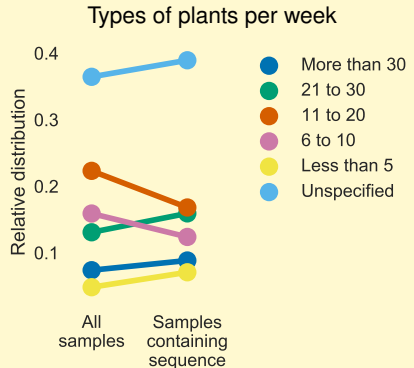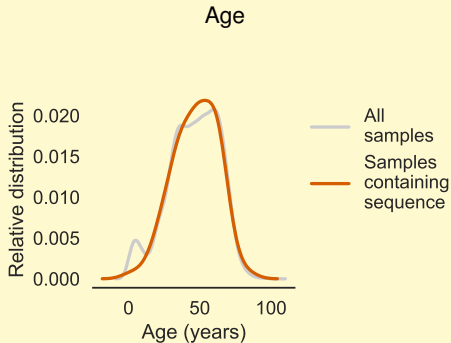 f__Succinivibrionaceae;
  g__Succinivibrio; s__

WIKIPEDIA: The Succinivibrionaceae are Gram-negative bacteria and belong to the Gammaproteobacteria. They are rod-shaped and obligate anaerobes.

PREVALENCE: Found in 1.19% of 9,511 samples, rank #1038 out of 27,248 sequences.

ABUNDANCE: Composes 0.0622% of 11.9M observations, rank #217 out of 27,248 sequences.

METHODS: Amplicon PCR with 16S rRNA V4 primers 515f–806rB. Sequenced with Illumina MiSeq (150 bp). Error-corrected with Deblur, trimmed to 125 bp, and rarefied to 1,250 observations per sample. Showing 9,511 samples from the American Gut cohort.

RELATIVE DISTRIBUTION BY METADATA:

Age

Relative distribution vs Age (years)
- All samples
- Samples containing sequence

Types of plants per week

Relative distribution — All samples vs Samples containing sequence
- More than 30
- 21 to 30
- 11 to 20
- 6 to 10
- Less than 5
- Unspecified

SEARCH TRENDS:

Popularity over time (Google Trends) vs Date
- Bacillus
- Succinivibrio