# E faecalis refseq/external genomes

PennCHOP Microbiome Program (Chunyu Zhao)
11/17/2017

# Read in sunbeam pipeline and metadata

In this report, we looked at the meconium samples from IGRAM run1, and identified the strain of E faecalis from the annotation of de novo assembled contigs.

## Read in metaphlan2 results

### Dominance

### Enterococcus faecalis

The E. faecalis genome consists of 3.22 million base pairs with 3,113 protein-coding genes.[19]

## Sample Selections

- $\bullet$  write 20171117\_Efaecalis.txt
- write 20171117 SampleID Efaecalis.txt

#### Assembly summary

- read in 20171117 Efaecalis/assembly summary.txt
- $\bullet$  write 20171117\_Efaecalis\_accession.txt

#### External genome

 $\bullet \ \ \mathrm{write} \ 20171117\_\mathrm{faecalis\text{-}external\text{-}genomes.txt}$