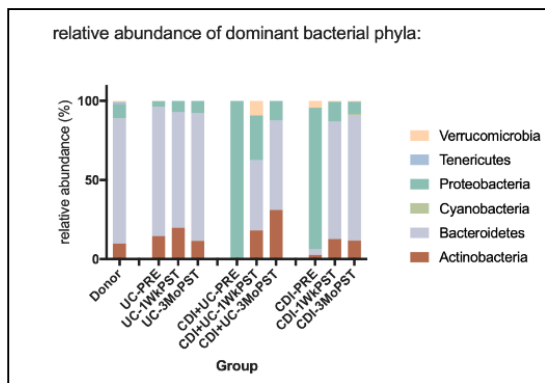
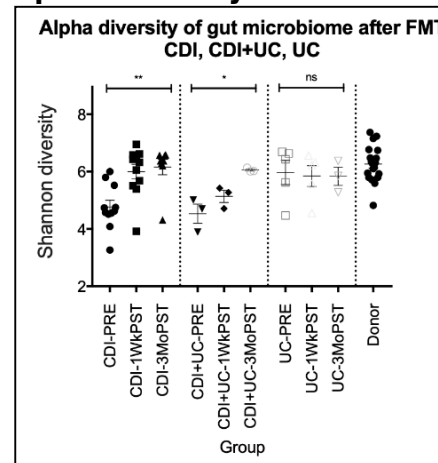


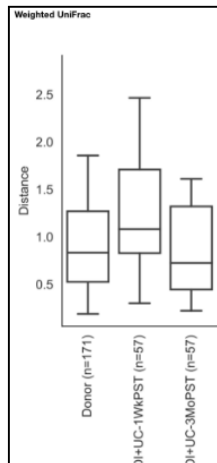
## Relative abundance of bacterial taxa



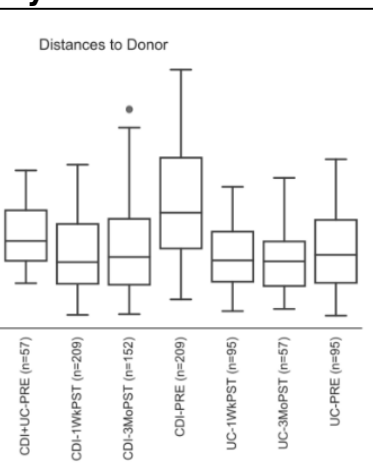
## Alpha diversity / Kruskal-Wallis



## Beta diversity



## ity / PERMANOVA



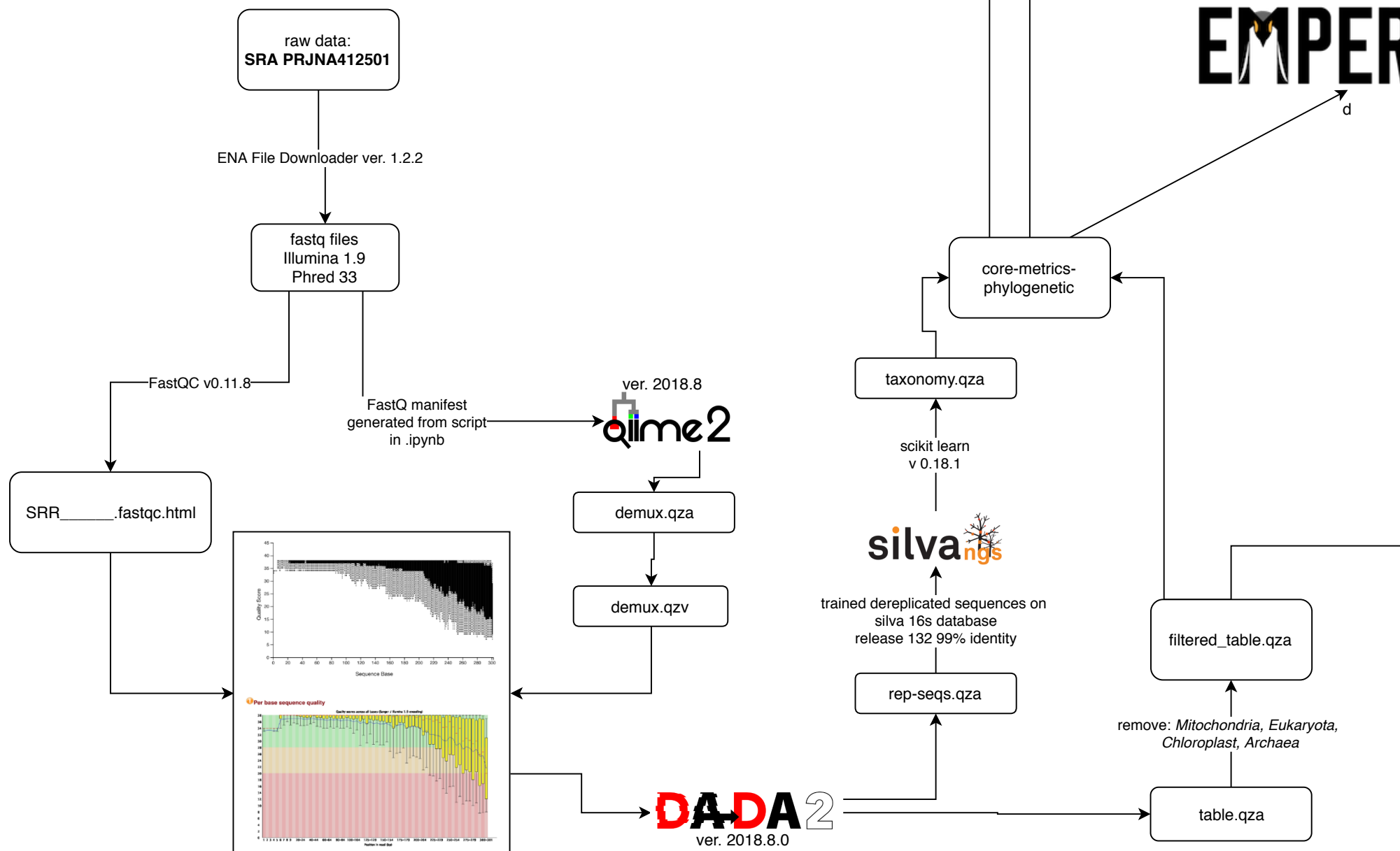
## Key Takeaways

- Fecal matter transplant in patients with CDI and CDI+UC increased alpha diversity
  - Enriched for donor-type bacteria (Bacteroidetes, Actinobacteria)
  - Out-competed Proteobacteria that dominated CDI-positive patient stools pre-FMT
- Microbiome of UC patients indistinguishable from donor feces
  - No response to FMT
- Of 11 CDI+ patients treated with FMT, there were 0 instances of CDI recurrence after 1 year.

## Principle Coordinates Analysis

Axis 2 (9.147 %)

# Working With 16S Sequence Data for Microbiome Analysis



ROR

