

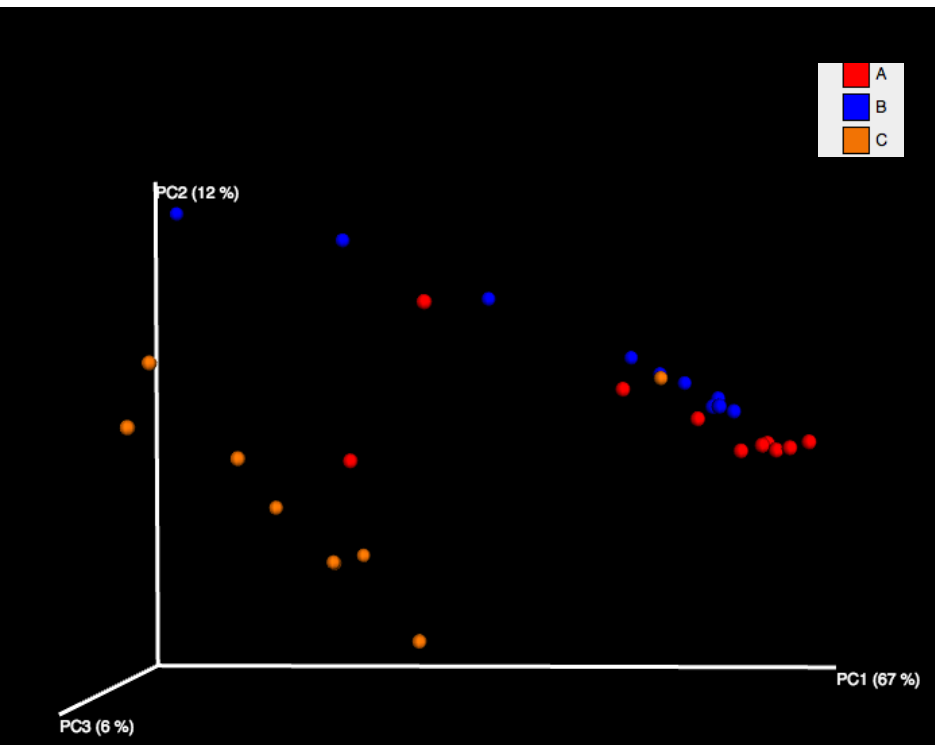
Fecal sample preservation experiment

Experimental details:

- 3 different fecal samples (A-C)
- Treatments: fresh stool, Admera (3-14 days), Omnigene, PBS, no treatment

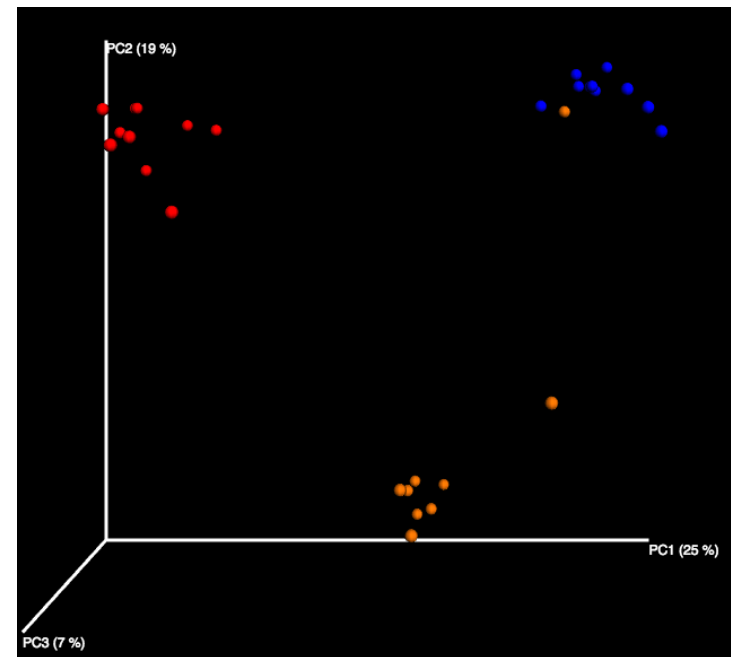
Done and provided by a third party

There is clear clustering according to the 3 samples (stronger than preservation methods)



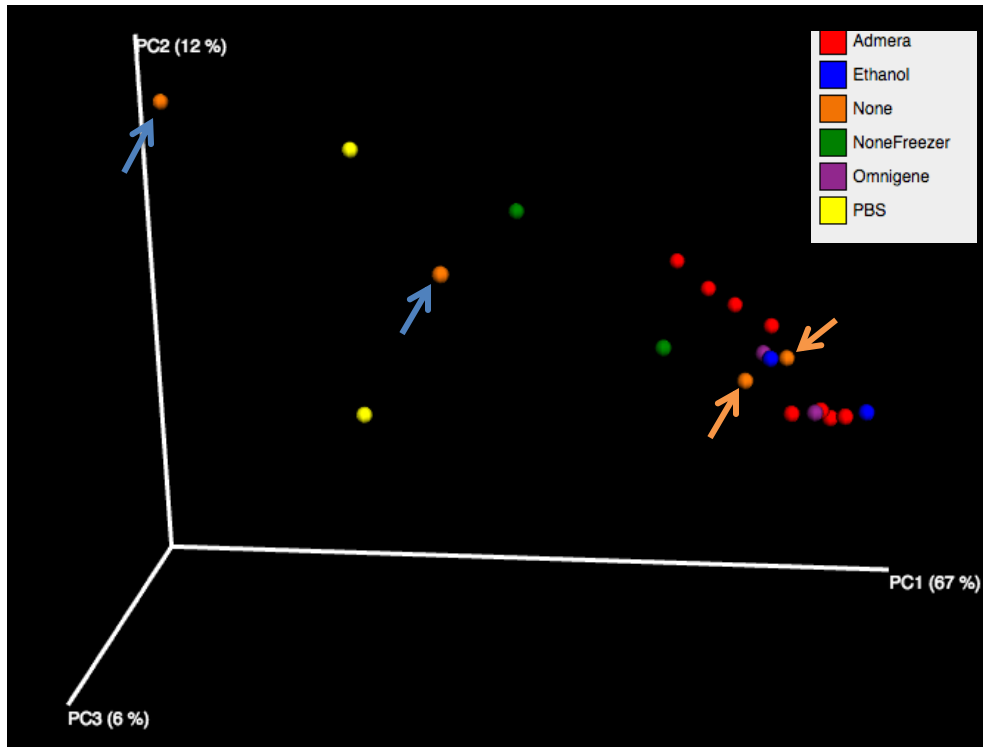
Weighted unifrac

A= 3 year old (control 5)
B= 30year old (control 23)
C= Superdonor Mybiotics (Shirly).



Unweighted unifrac

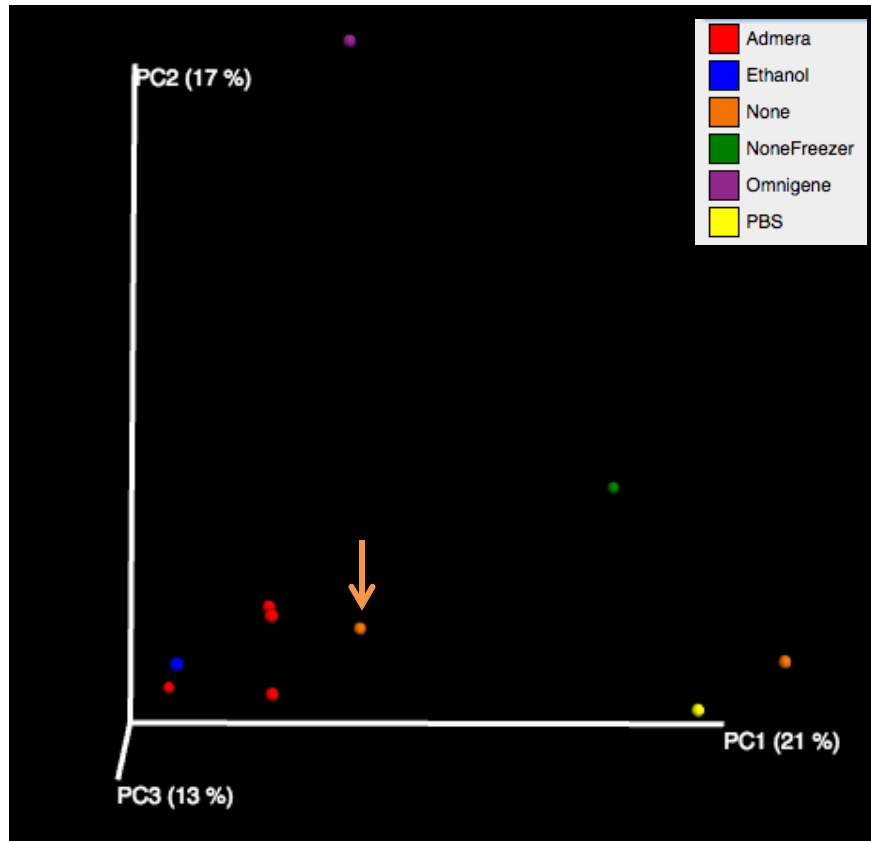
Admera preservation seems closer to original compared to PBS or no preservation



Weighted Unifrac

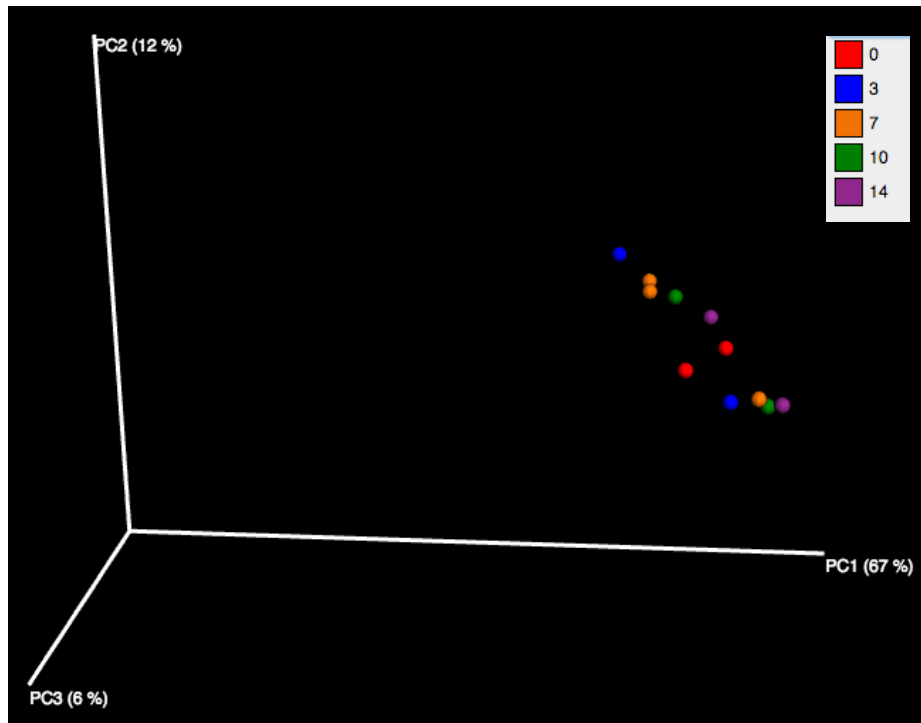
When looking at the samples which cluster closest to the Fresh samples (orange arrows), it appears that most of them were preserved with Admera (red), Ethanol (blue), or Omnigene (purple), while the samples furthest away are the 14 days unpreserved (RT= blue arrows, -20C= green), and the PBS (yellow).

When looking at Sample B only- Admera preservation closest to original stool



Unweighted Unifrac

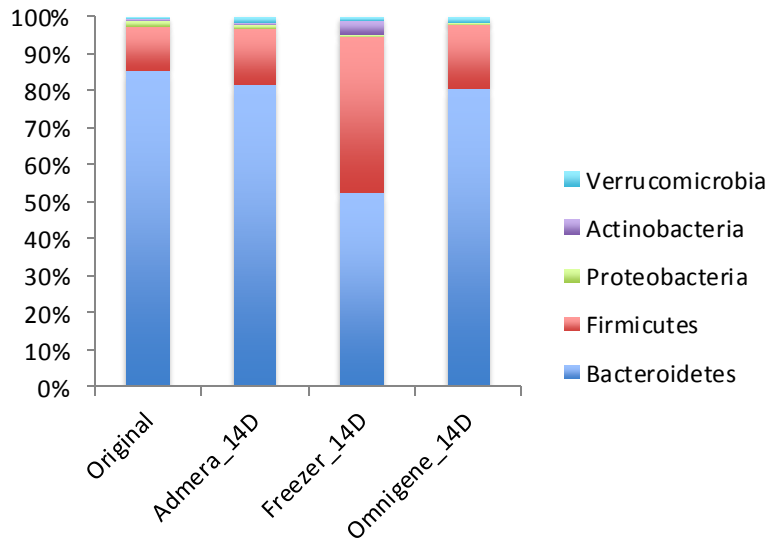
The # of days kept in Admera don't seem to have an effect



Weighted Unifrac

At all taxonomy levels, Admera preservation appears closer to original stool vs. freezing

Phyla level



Genera level

