

Microbiome Bioinformatics
2017 Spring Lecture Series for High School Students
Bioinformatics and Research Computing, Whitehead Institute

**How do bacterial groups differ
between the microbiomes of different body sites?**

Human Microbiome Project / SitePainter tool

1. Go to this site:
http://www.hmpdacc.org/sp/taxa_rdp_l3/
(Do not use Google Chrome)
2. On the right click on the “Meta” Tab. By selecting different bacteria in the drop down menu and clicking “Color elements” you can visualize where in the body those bacteria are found.
3. Can you identify in which site/s are these bacteria are found?

Bacterial group	Site(s) where found in/on body
Bacteroidetes	
Cloroflexi	
Cyanobacteria	
Fusobacteria	
Nitrospira	
Proteobacteria	
SR1	

In bold we have marked bacteria that you will study on the next exercise. Make sure you know where in the body should be found.