

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	stool
Cloroflexi	subgingival plaque
Cyanobacteria	antecubital fossa
Fusobacteria	throat, tonsils, subgingival plaque
Nitrospira	antecubital fossa
Proteobacteria	throat, mouth, teeth, saliva
SR1	saliva, tonsils

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.