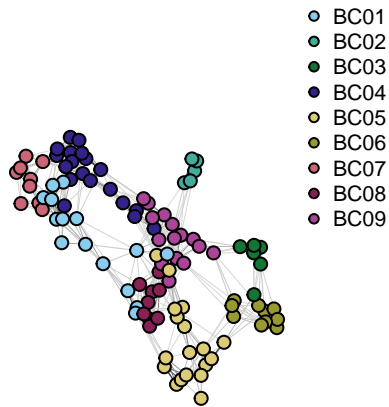
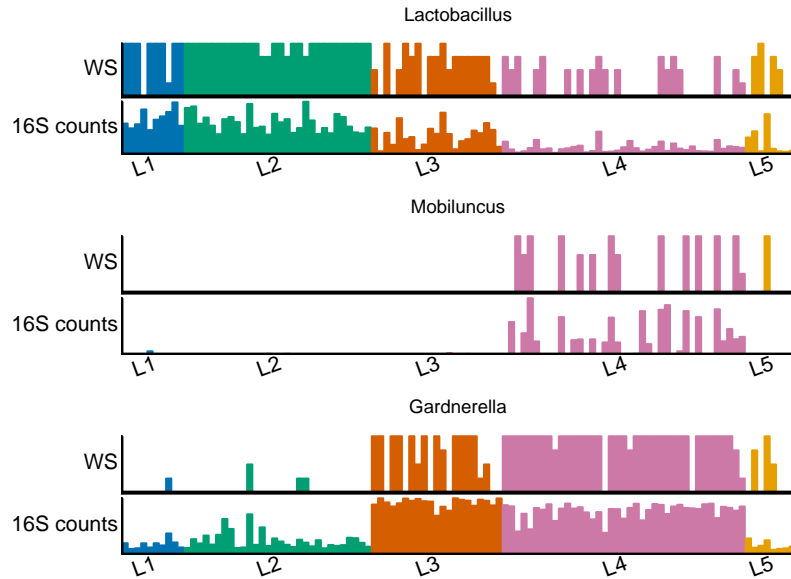
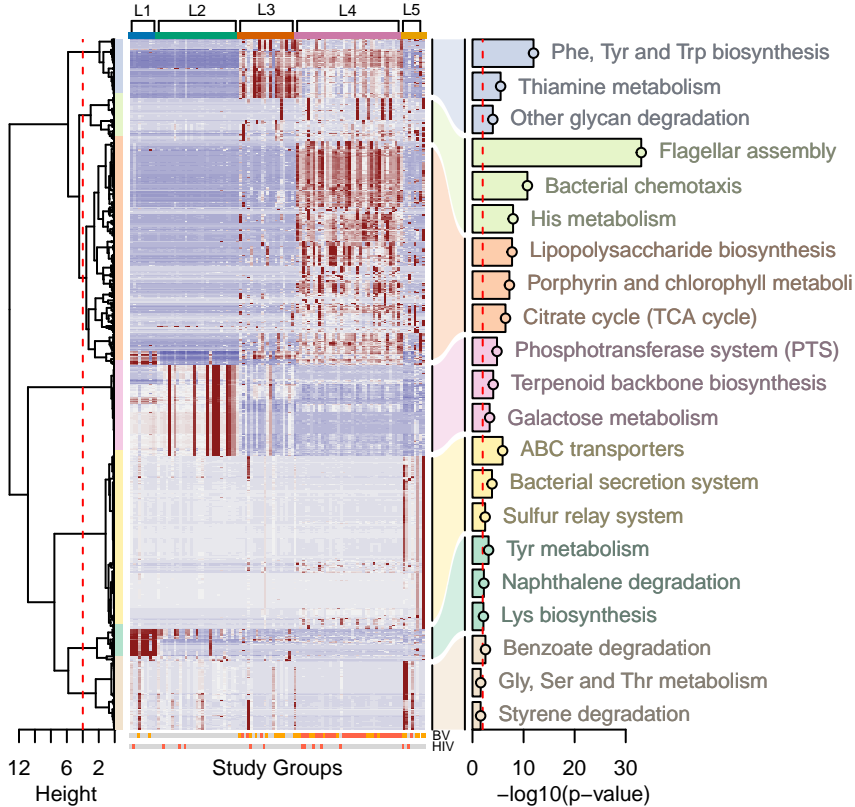


## Figure 2. Bacterial Communities and Function

```
## [[1]]
## NULL
##
## $'#0072B2'
## NULL
##
## $'#009E73'
## NULL
##
## $'#D55E00'
## NULL
##
## $'#CC79A7'
## NULL

## [[1]]
## NULL
##
## $'#0072B2'
## NULL
##
## $'#009E73'
## NULL
##
## $'#D55E00'
## NULL
##
## $'#CC79A7'
## NULL

## [1] ""
```

**a****Bacterial Communities– Louvain****b****Wett Smear Bacteria Validation****c****Differentially Expressed KEGG Ontology Terms****d****Top Functional Profile– UMAP**