

## Figure 2. Bacterial Communities and Function

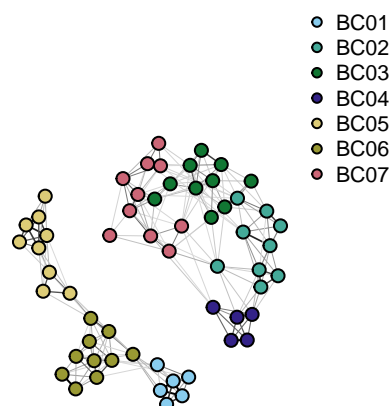
```
## [[1]]
## NULL
##
## $'#0072B2'
## NULL
##
## $'#009E73'
## NULL
##
## $'#D55E00'
## NULL
##
## $'#CC79A7'
## NULL
```

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

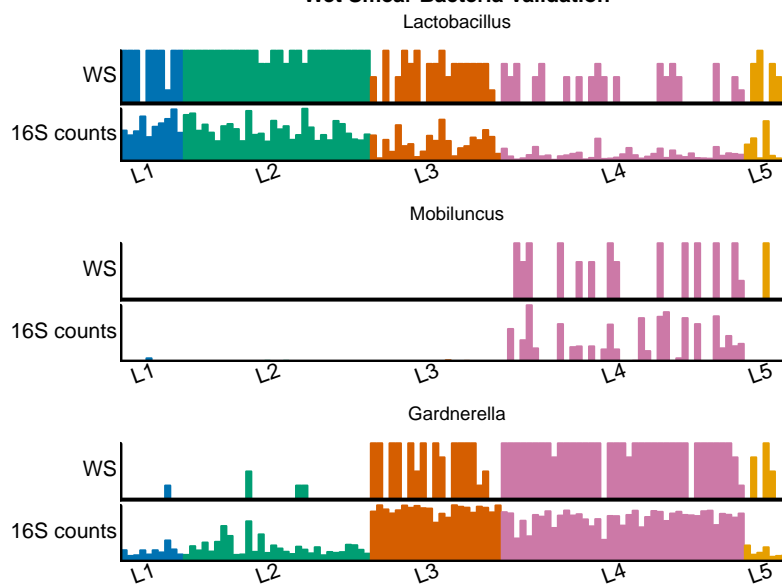
```
## [[1]]
## NULL
##
## [[2]]
## NULL
```

```
## [1] ""
```

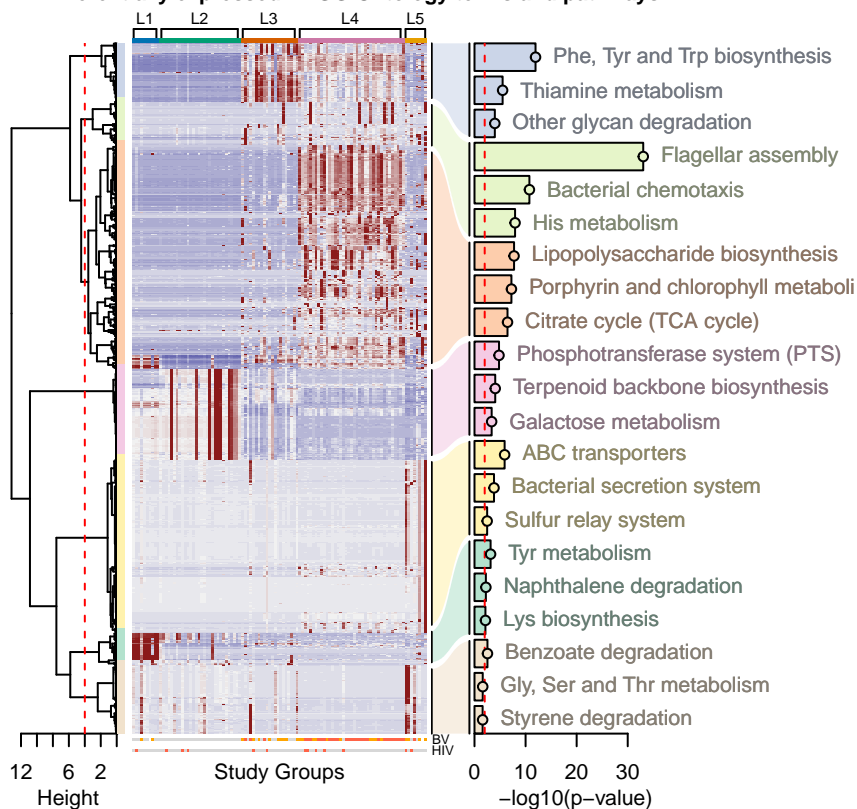
**a**  
Bacterial Communities– Louvain



**b**  
Wet Smear Bacteria Validation



**c**  
Differentially expressed KEGG Ontology terms and pathways



**d**  
Top Functional Profile– UMAP

