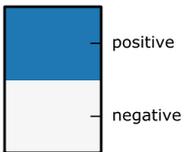
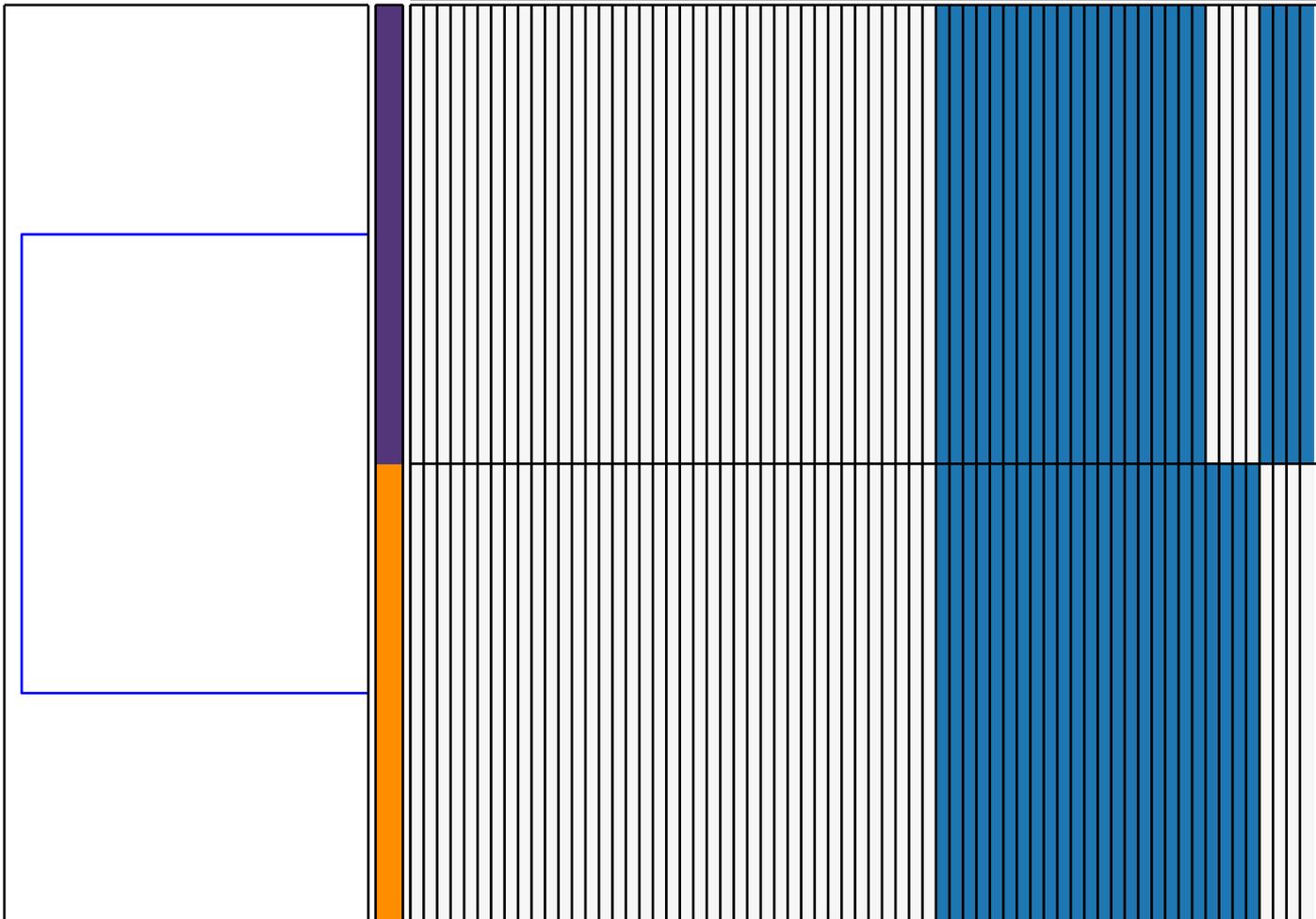
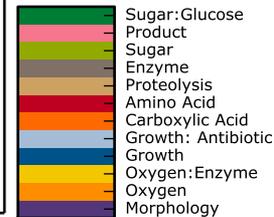


### Heatmap colorkey



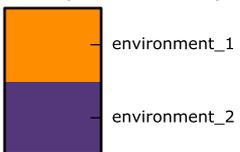
### Phenotype colorkey



Listeria\_grayi\_DSM\_20601

Listeria\_ivanovii\_WSLC3009

### Sample colorkey



D-Mannose  
D-Mannitol  
Citrate  
Dihase  
D-Sorbitol  
Methyl red  
Arginine dihydrolase  
Bacillus or coccobacillus  
Coagulase production  
Esculin hydrolysis  
Growth in KCN  
Alkaline phosphatase  
Glucose fermenter  
Growth at 42°C  
Growth in 6.5% NaCl  
Malonate  
Acetate utilization  
Nitrate reductase  
Naphthol  
Sparch hydrolysis  
Lactose  
Gram positive  
Growth on ordinary blood agar  
Maltose  
Motile  
Catalase  
Sulfur  
Sulfur  
Hydrogen sulfide  
Beta hemolysis  
Oxidase  
Capnophilic  
Coccus - clusters or groups predominate  
Aerobe  
ONPG (beta galactosidase)  
Nitroreductase  
Hydrolysis to gas  
Lipase  
Pyrrroldonyl-beta-naphthylamide  
Glycerol  
Urea hydrolysis  
Growth on MacConkey agar  
D-Xylose  
Indole  
Nitrate utilization  
I-pap  
Ferrous sulfide  
Cellulose  
Raffinose  
Tarttrate utilization  
Gas from glucose  
Casein hydrolysis  
L-Arabinose  
Ornithine decarboxylase  
Gram negative  
Glucose  
Bile-susceptible  
Anaerobe  
Nitrate to nitrite  
Yellow pigment  
Spore formation  
Melibiose  
Colistin-Polymyxin susceptible  
Coccus - pairs or chains predominate  
Coccus - decarboxylase  
Gelatin hydrolysis