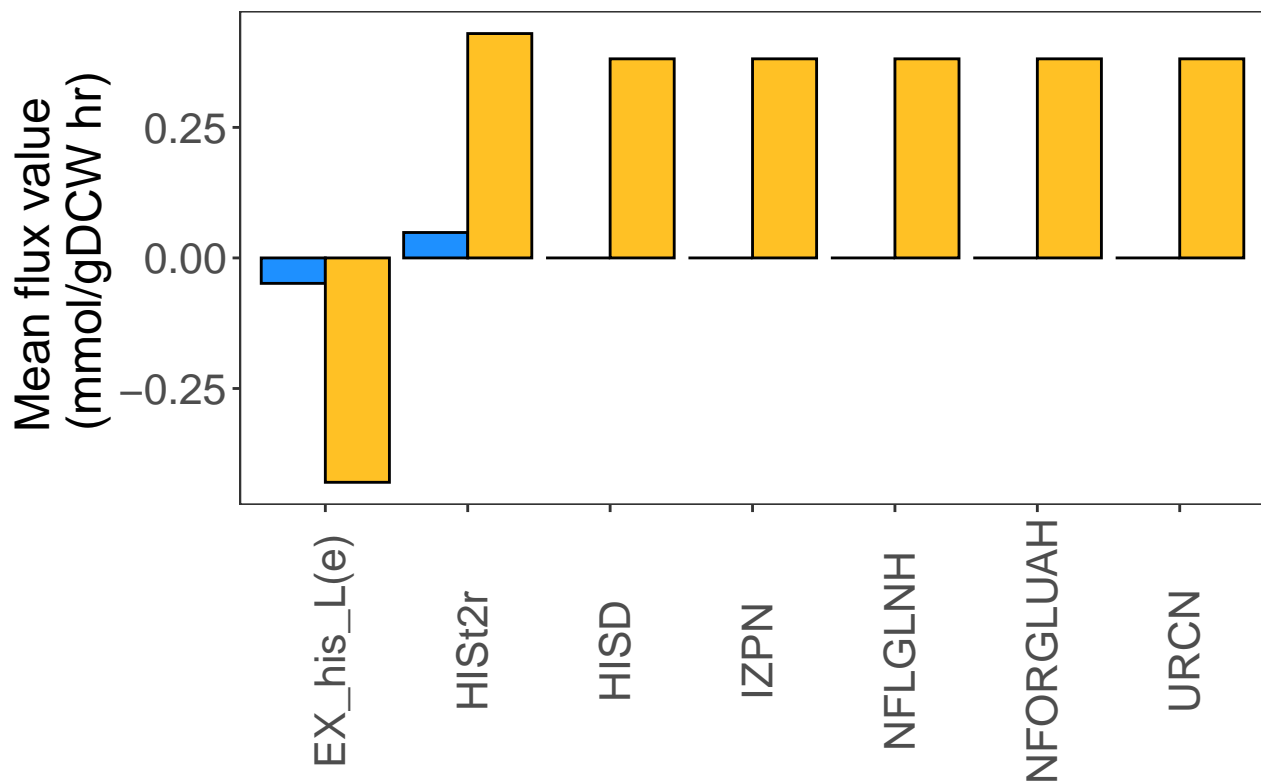
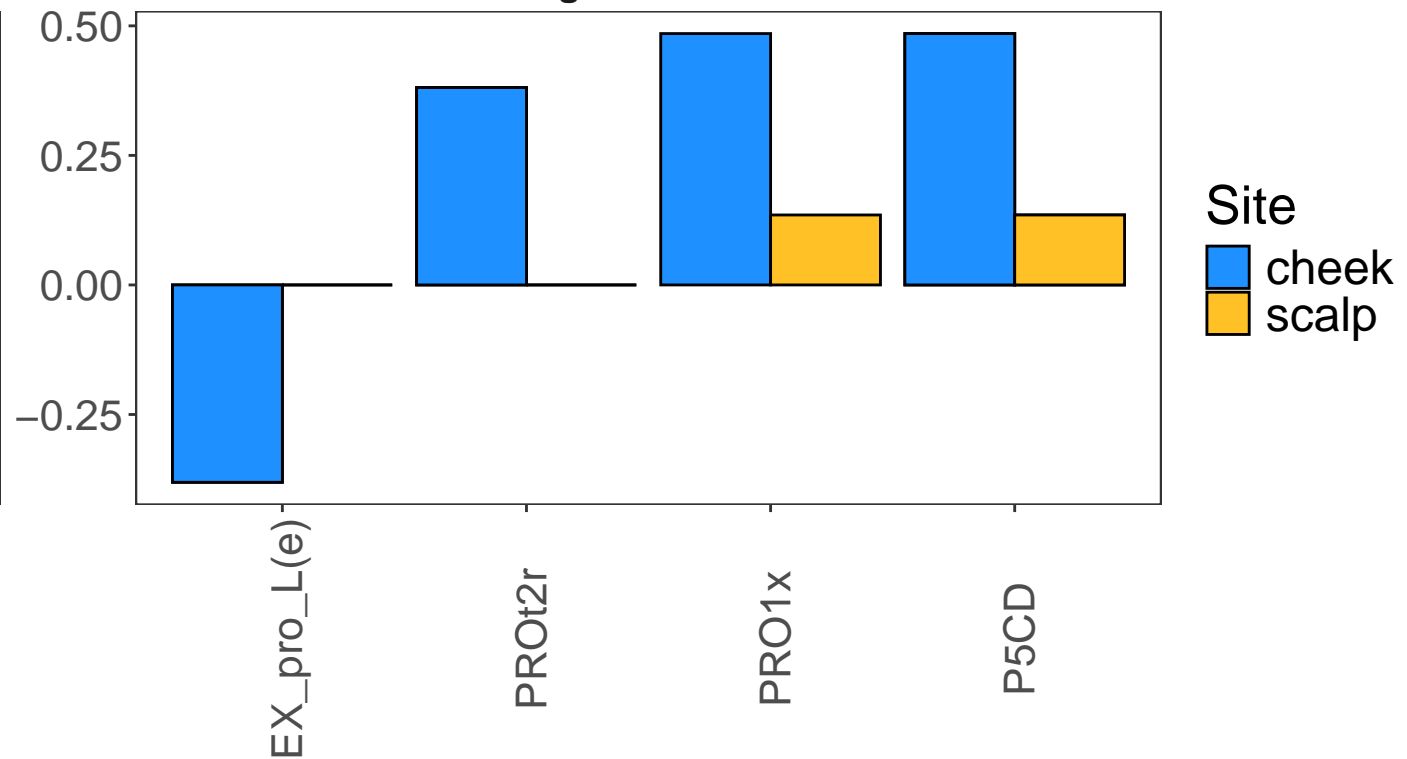


# Cutibacterium acnes

## Histidine metabolism



## Proline and glutamate metabolism



Reactions