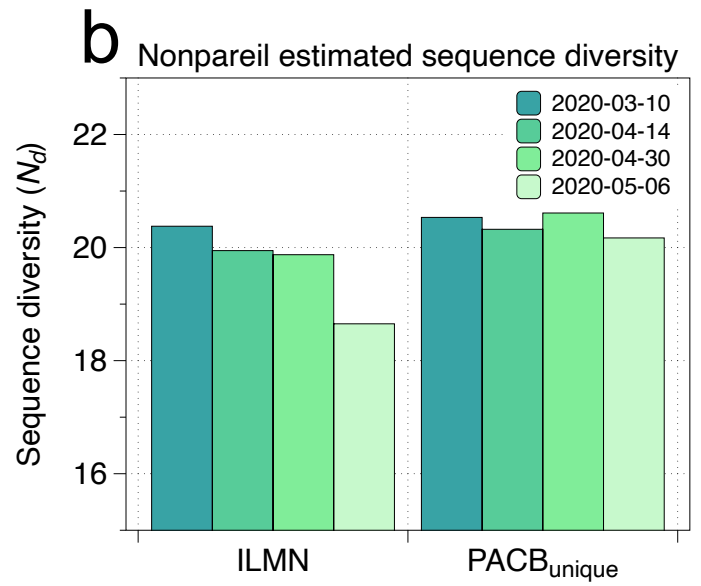
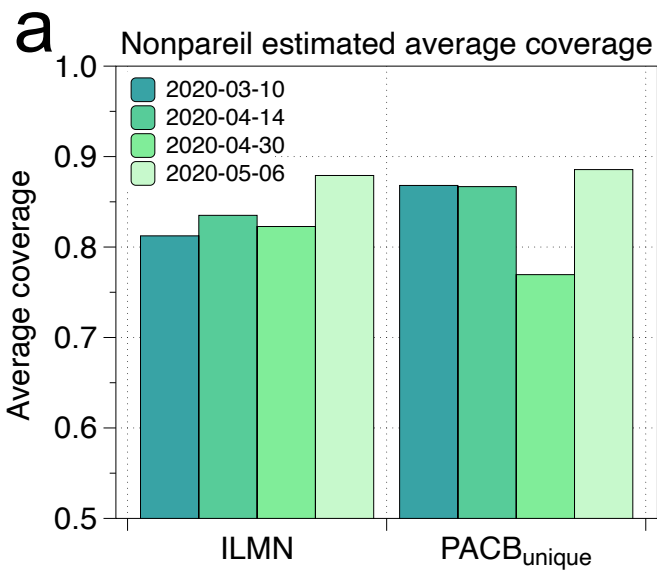
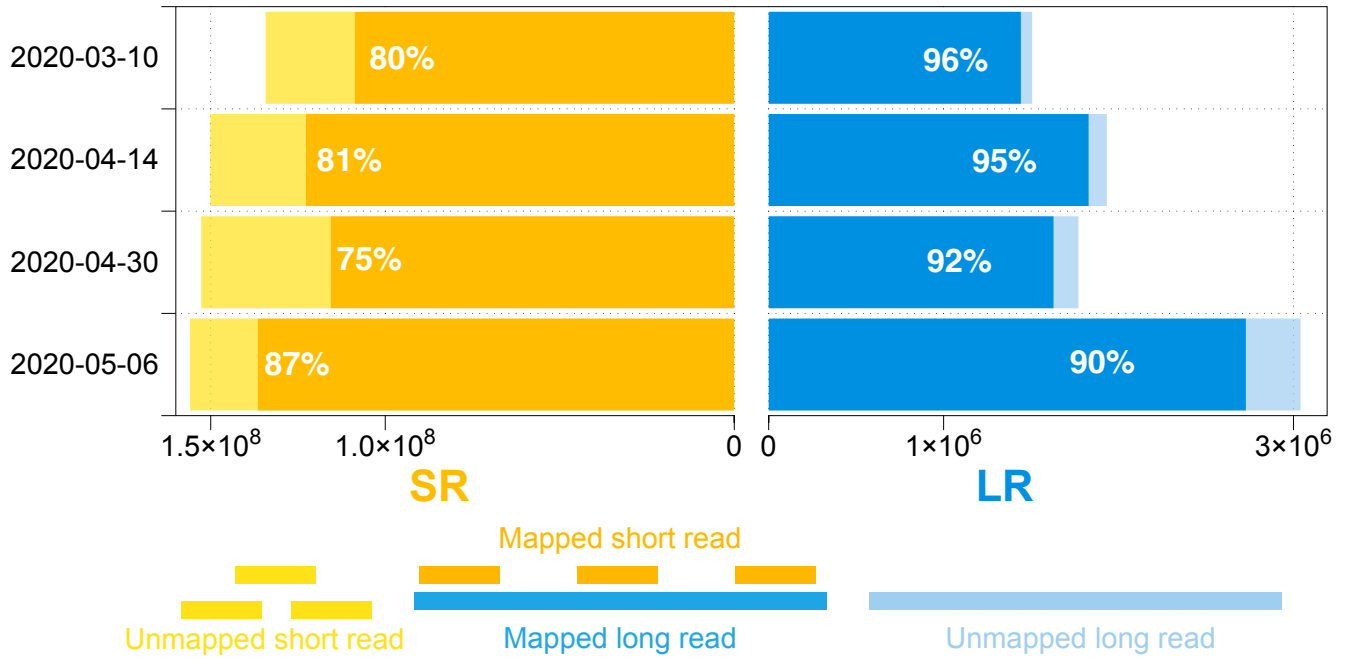


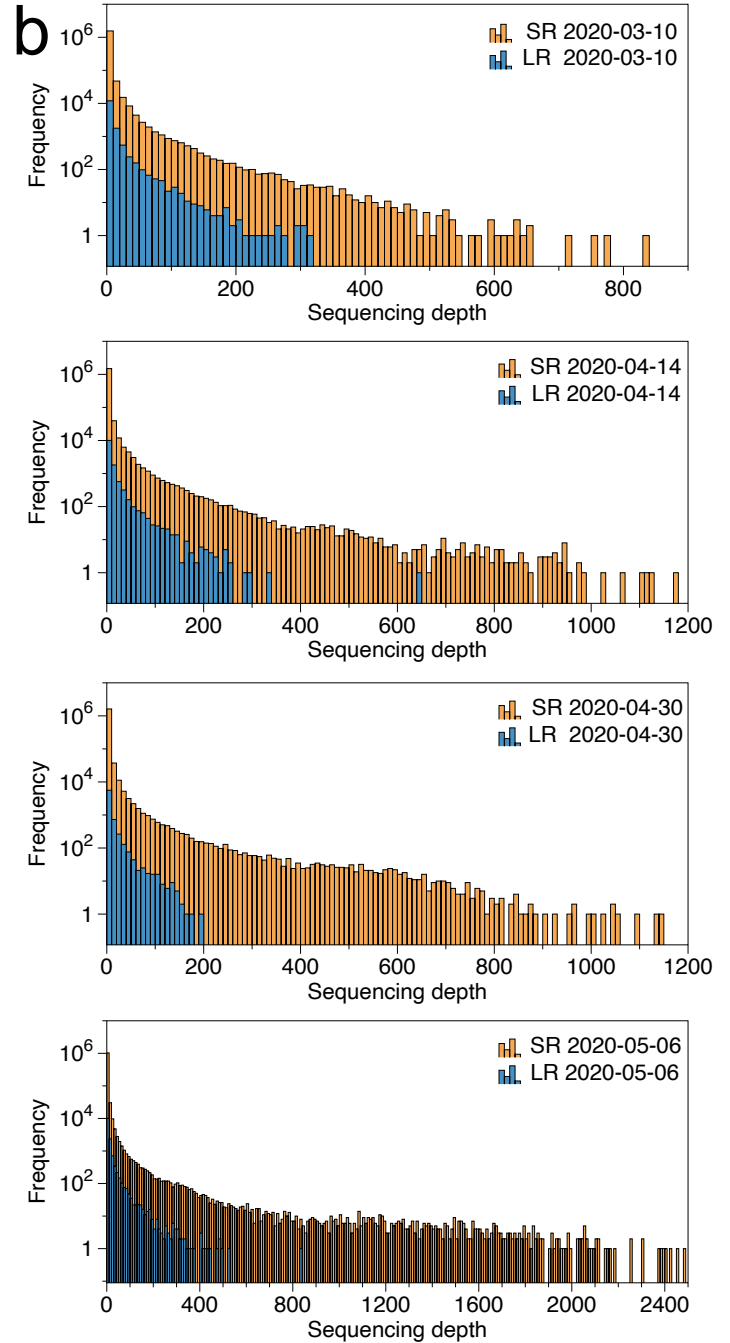
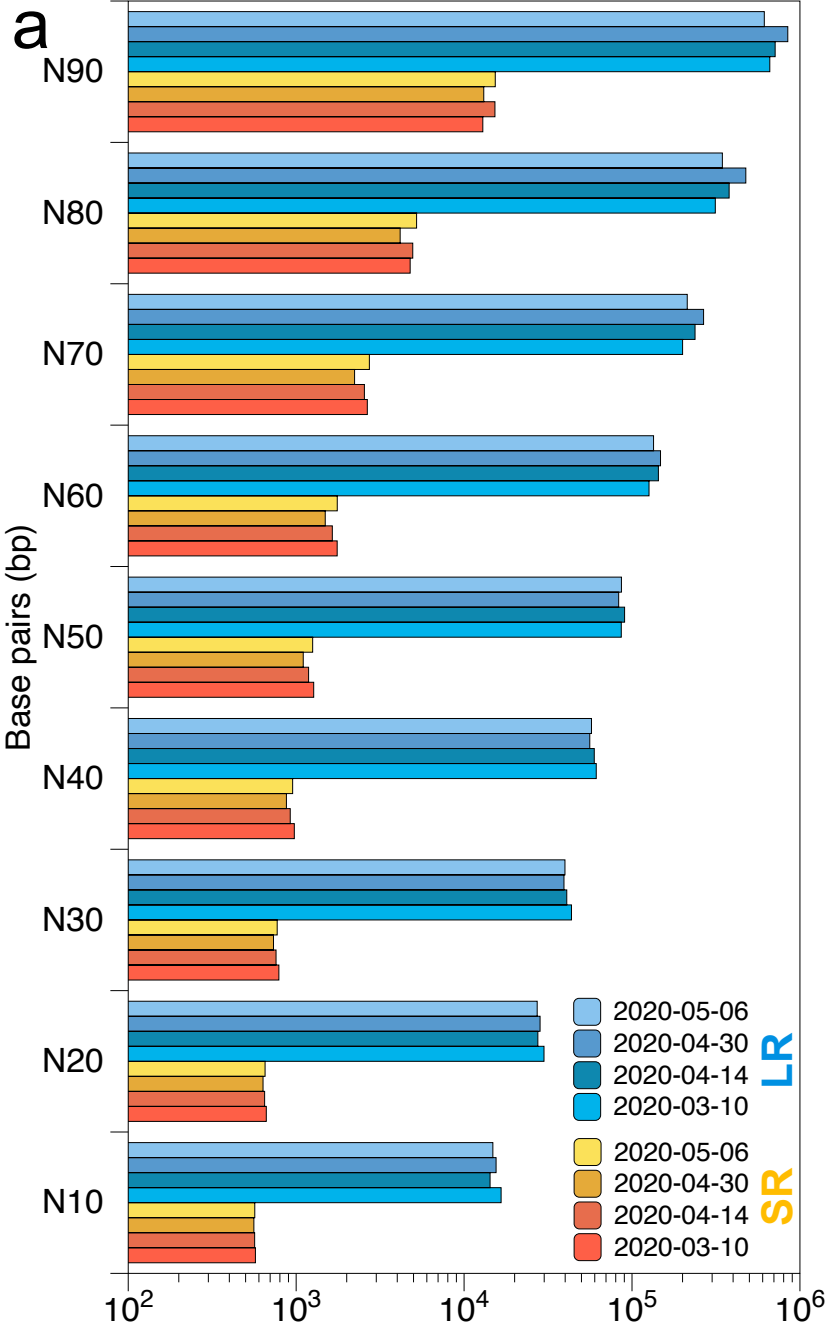
# Supplementary Figure 1



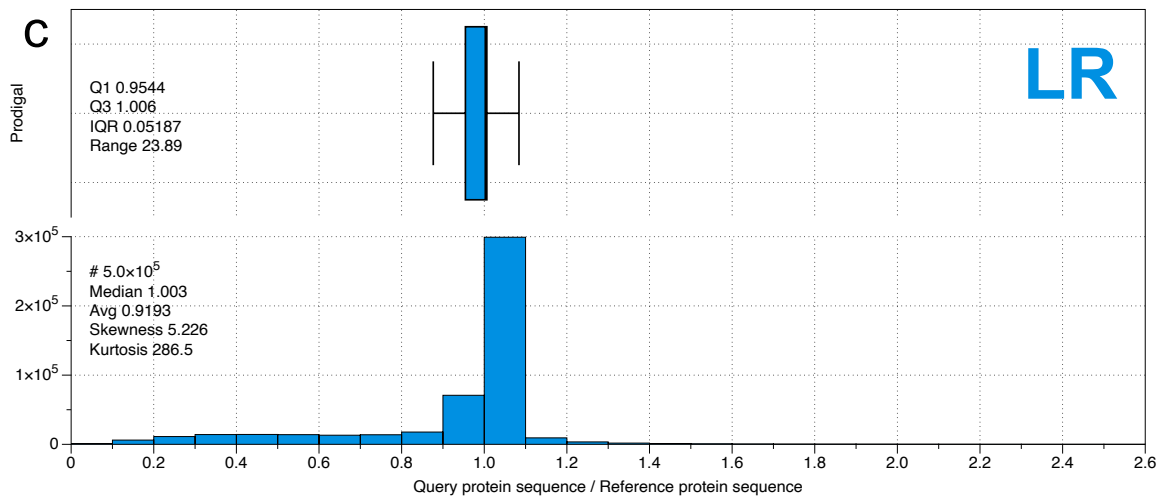
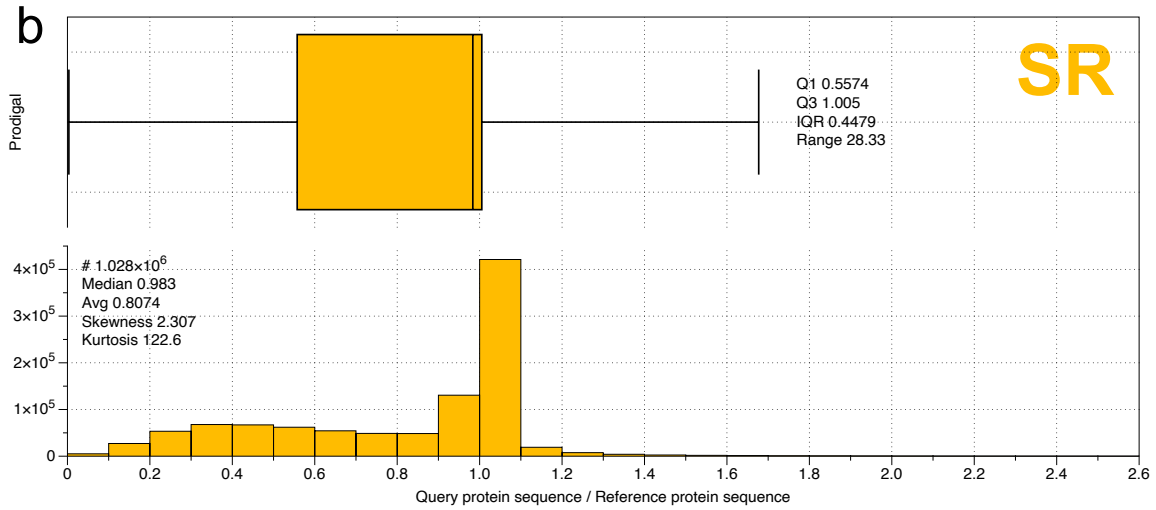
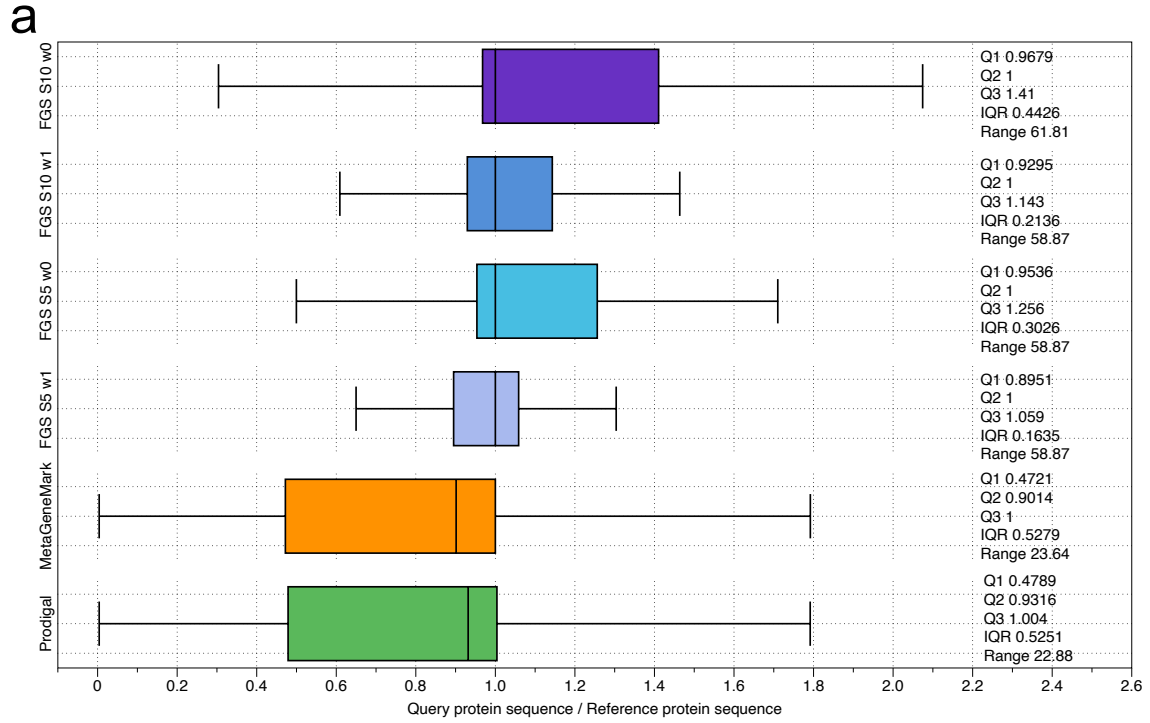
## Supplementary Figure 2



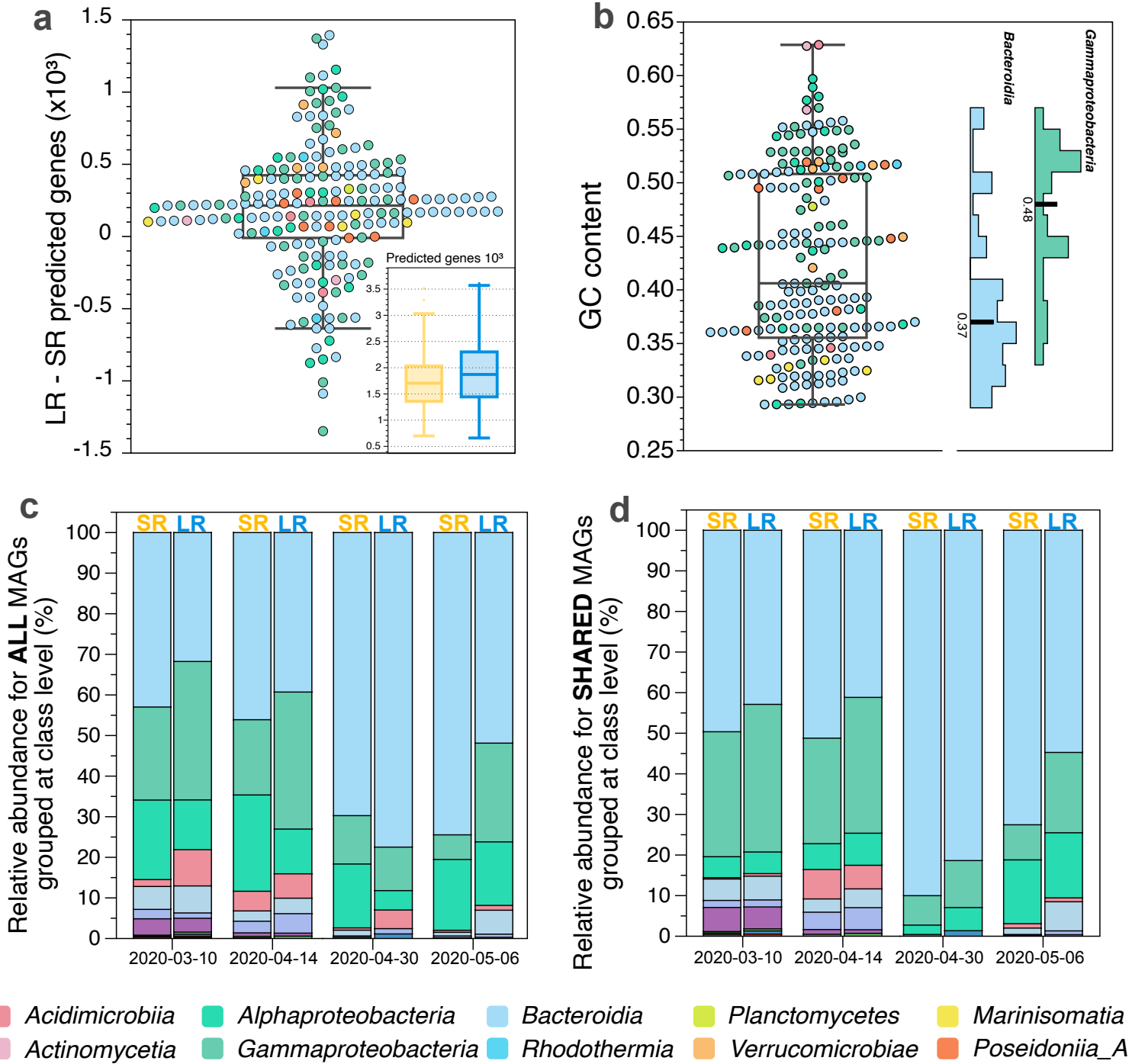
# Supplementary Figure 3



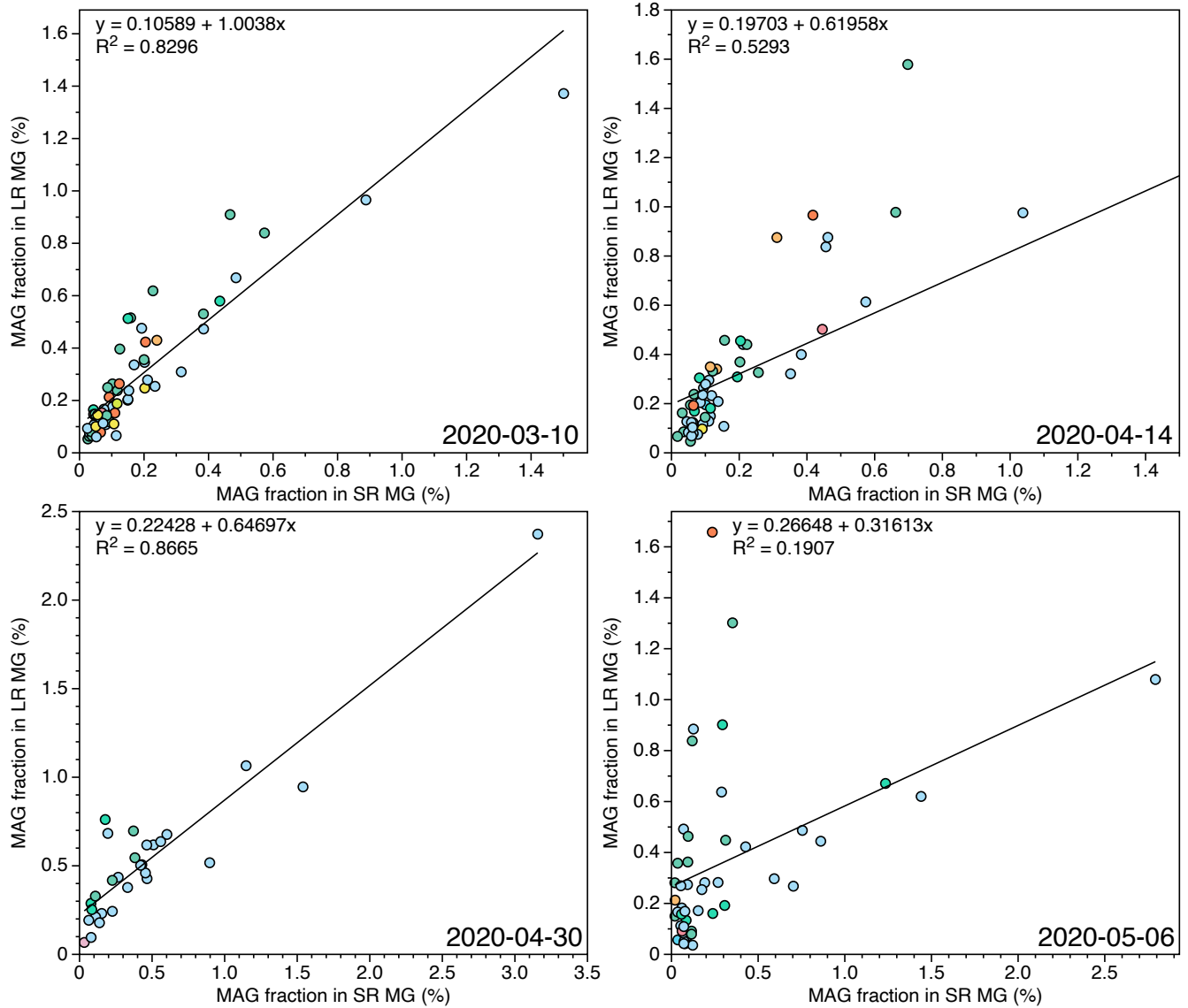
# Supplementary Figure 4



# Supplementary Figure 5



## Supplementary Figure 6



- |  |  |  |   |  |
|--|--|--|---|--|
| <span style="color: red;">●</span> <i>Acidimicrobiia</i> | <span style="color: cyan;">●</span> <i>Alphaproteobacteria</i> | <span style="color: lightblue;">●</span> <i>Bacteroidia</i>  | <span style="color: yellow;">●</span> <i>Planctomycetes</i>   | <span style="color: orange;">●</span> <i>Marinisomatia</i> |
| <span style="color: pink;">●</span> <i>Actinomycetia</i> | <span style="color: teal;">●</span> <i>Gammaproteobacteria</i> | <span style="color: lightcyan;">●</span> <i>Rhodothermia</i> | <span style="color: orange;">●</span> <i>Verrucomicrobiae</i> | <span style="color: red;">●</span> <i>Poseidonii_A</i>     |

# Supplementary Figure 7

