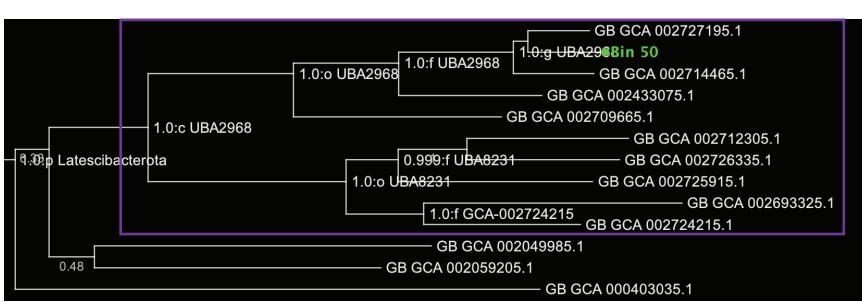
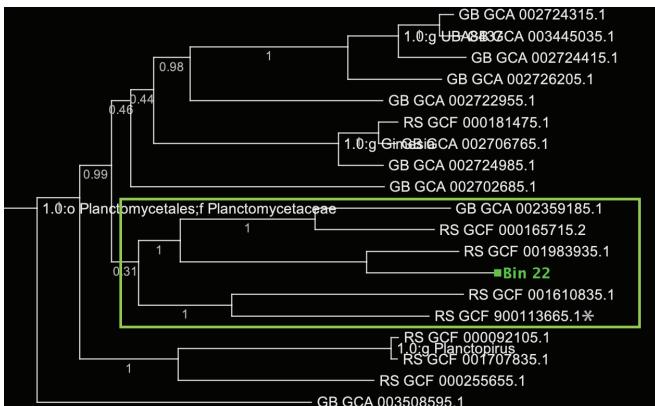


Latescibacterota

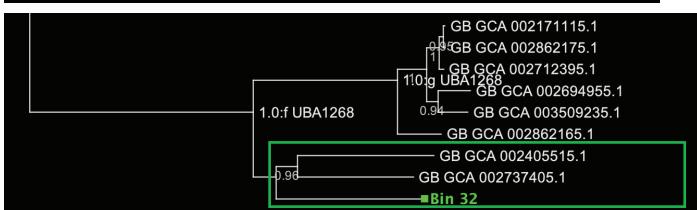


nGOM_Bacteria_50

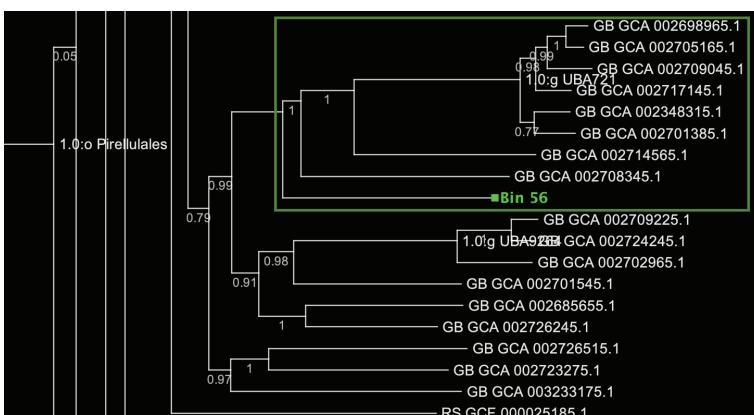
Planctomycetota



nGOM_Plancto_22

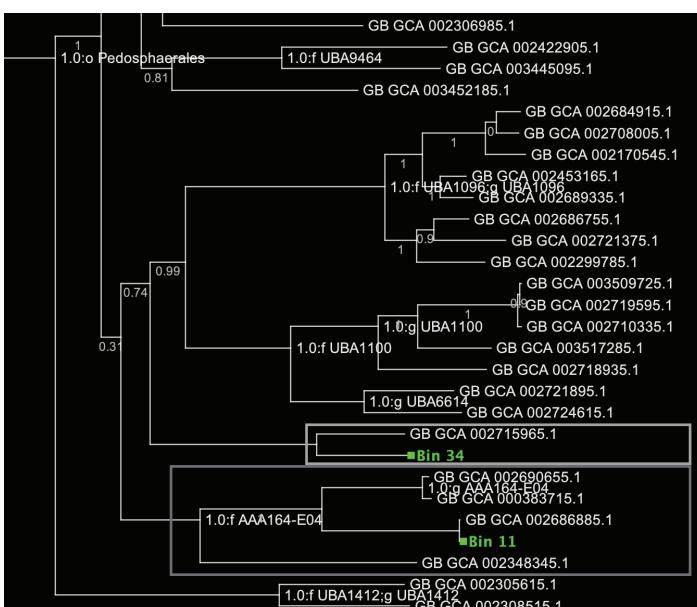


nGOM_Plancto_32



nGOM_Plancto_56

Verrucomicrobiota



nGOM_Verruco_34

nGOM_Verruco_11

Supplemental Figure 2.

Ribosomal protein phylogenetic tree from GTDB showing only relevant microbes, not all 46,926 nodes in the original tree, with boxes denoting close relatives of the nGOM MAGs. The asterisk indicates a microbe that was a close relative to nGOM MAGs, but its genomic data was restricted, so it was not included in any analyses. The four canonical methanotrophs included in our analyses were not closely related to the nGOM MAGs, so are not shown in this figure.

Supplemental Figure 2. Ribosomal protein phylogenetic tree with boxes denoting close relatives of the nGOM MAGs used in downstream analysis. The asterisk indicates a microbe that was a close relative to nGOM MAGs, but its genomic data was restricted, so it was not included in any analyses. The four canonical methanotrophs included in our analyses were not closely related to the nGOM MAGs, so are not shown in this figure.