

Figure 1. Heatmap of shell and cloud partitions for *Ca. Bathyarchaeia* Cluster 1 across MAGs.

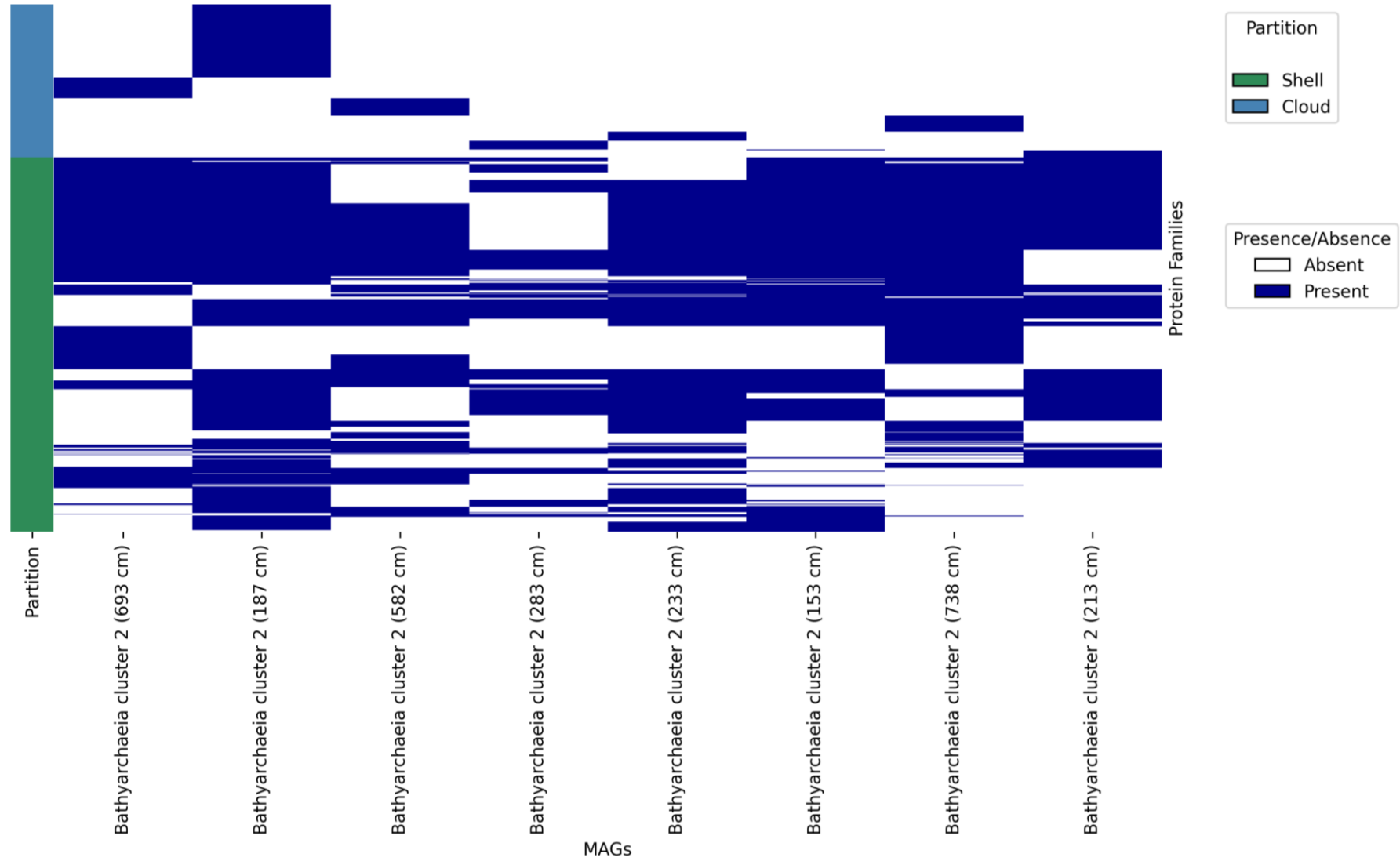


Figure 2. Heatmap of shell and cloud partitions for *Ca. Bathyarchaeia* Cluster 2 across MAGs.

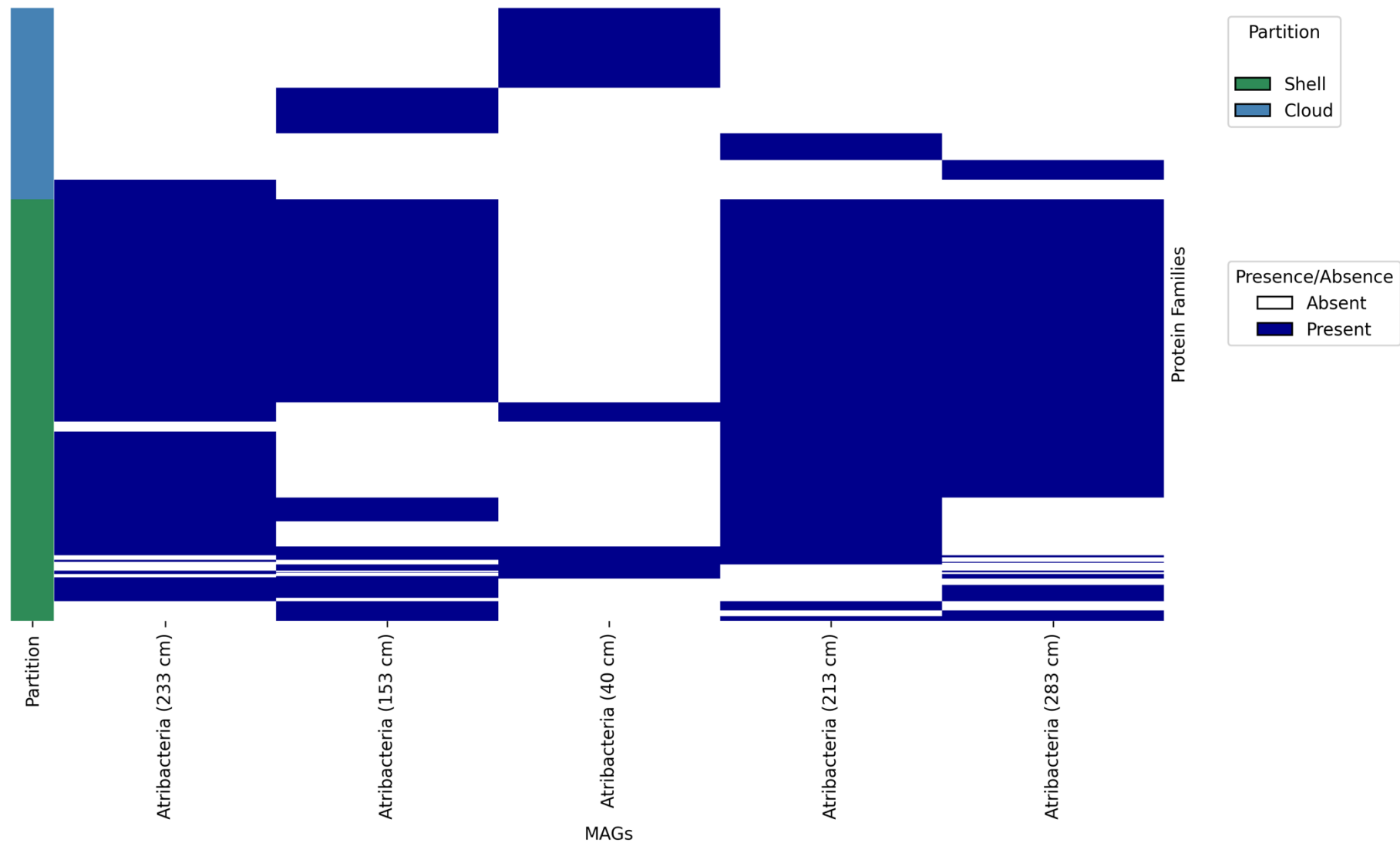


Figure 3. Heatmap of shell and cloud partitions for *Atribacteria* across MAGs.

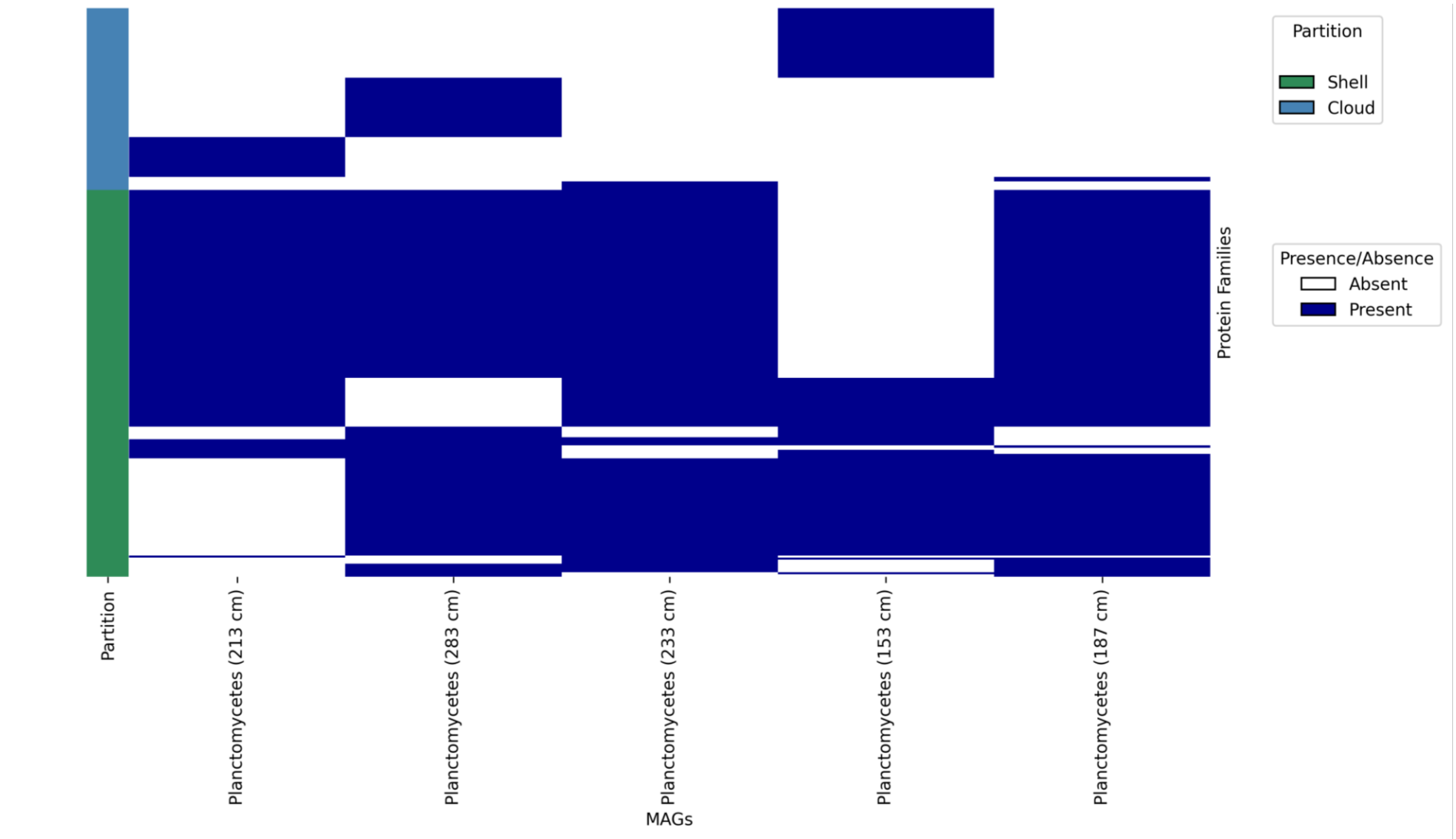


Figure 4. Heatmap of shell and cloud partitions for *Planctomycetes* across MAGs.

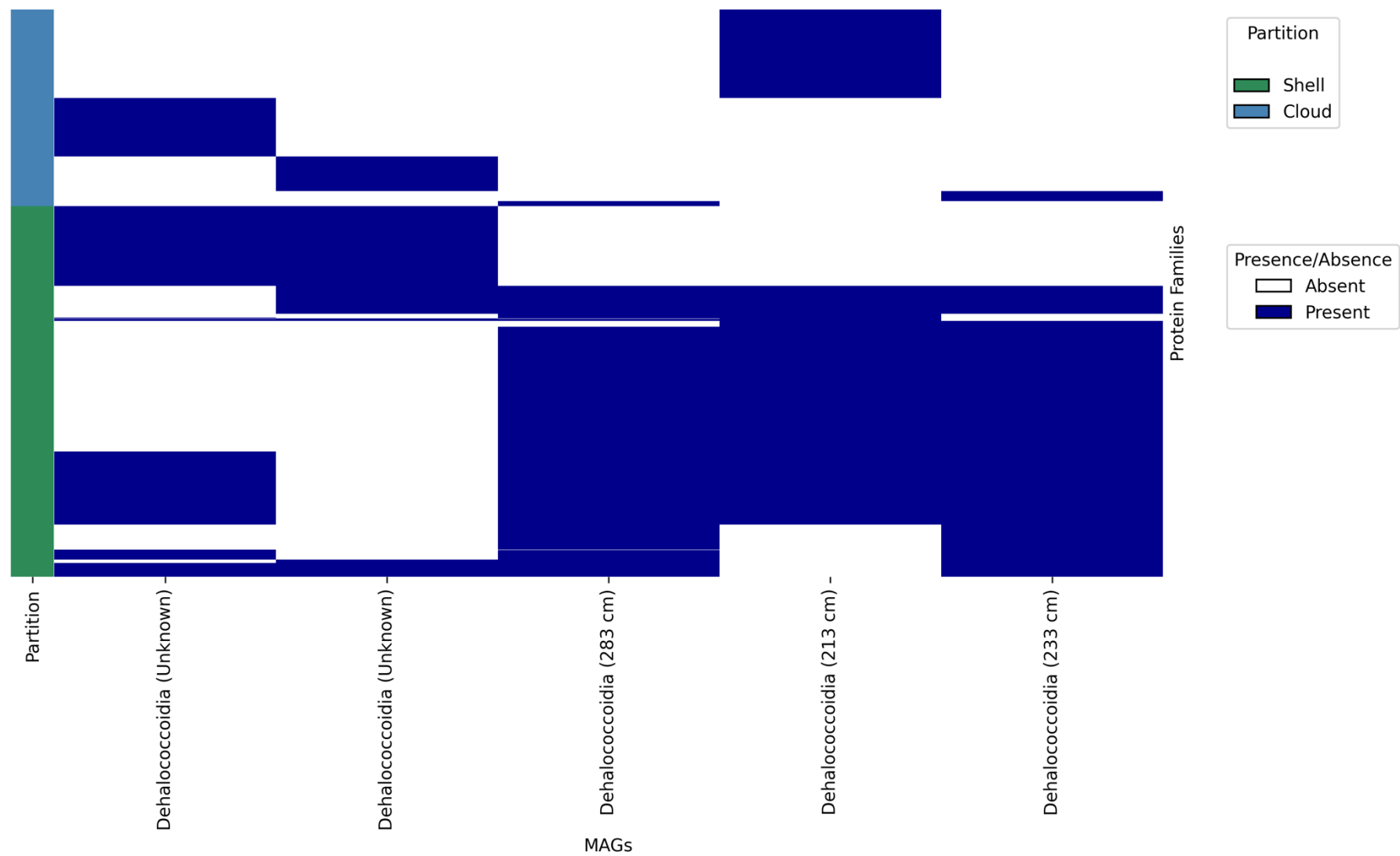


Figure 5. Heatmap of shell and cloud partitions for *Dehalococcoidia* across MAGs.