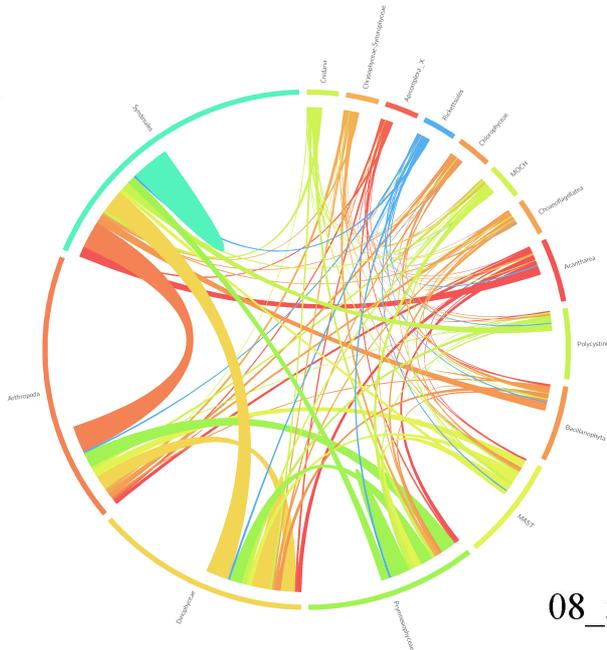
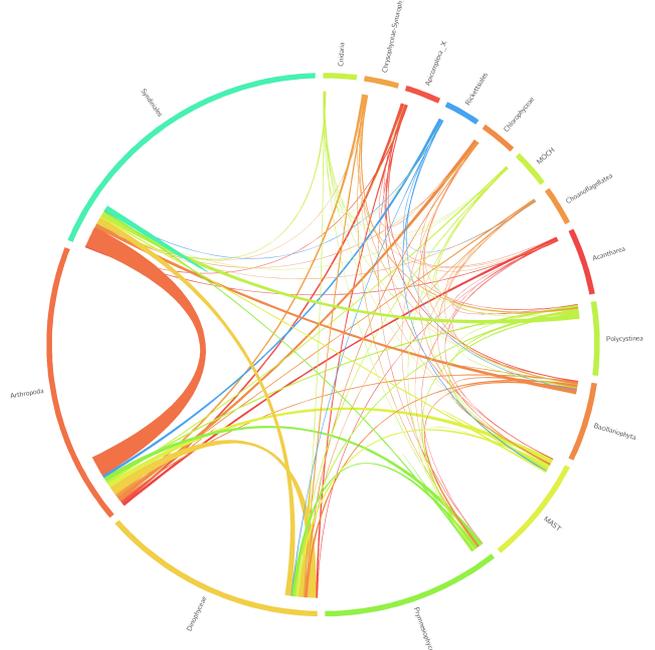


**4. Fraction- and layer-wise circos plots.** Circos plot (M. Krzywinski et al., Genome Res 19:1639-1645, 2009) showing order-level copresences (left panels) and mutual exclusions (right panels) in individual fractions (08\_5, 20\_180, 180\_2000 etc.) and layers (SUR: surface; DCM: deep chlorophyll maximum). For each plot, the band size for each taxon (labeled next to the bands) is proportional to the number of taxon edges; and the width of the ribbons is proportional to the numbers of copresence/mutual exclusions within (ribbons within one band) and between taxa (ribbons connecting two different bands).

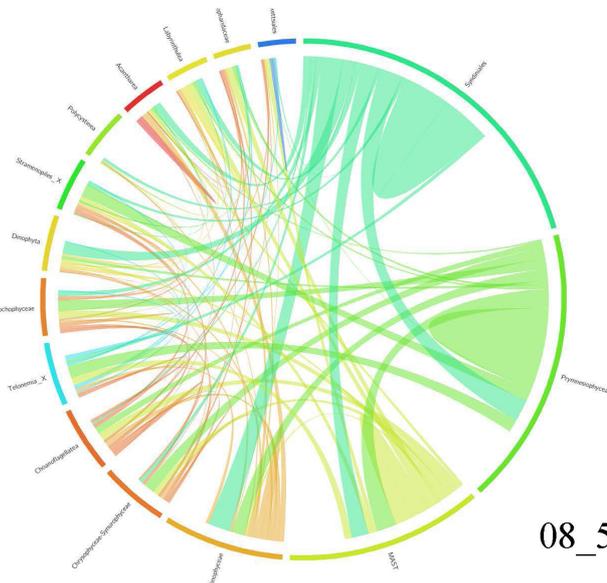
A



08\_5\_SUR

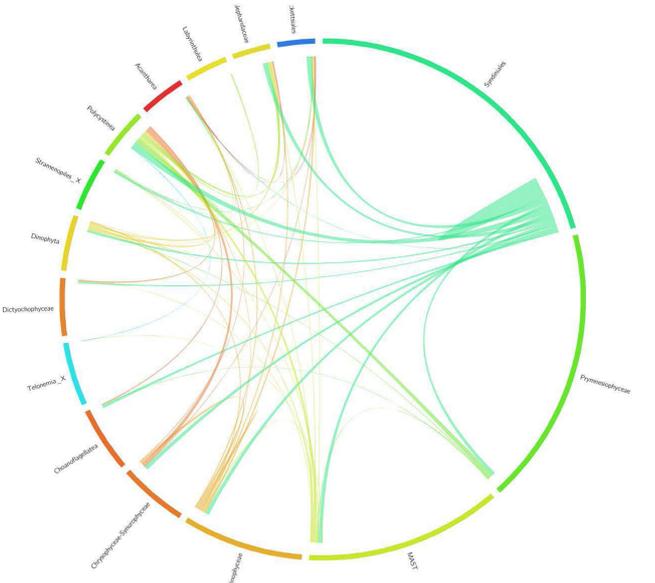


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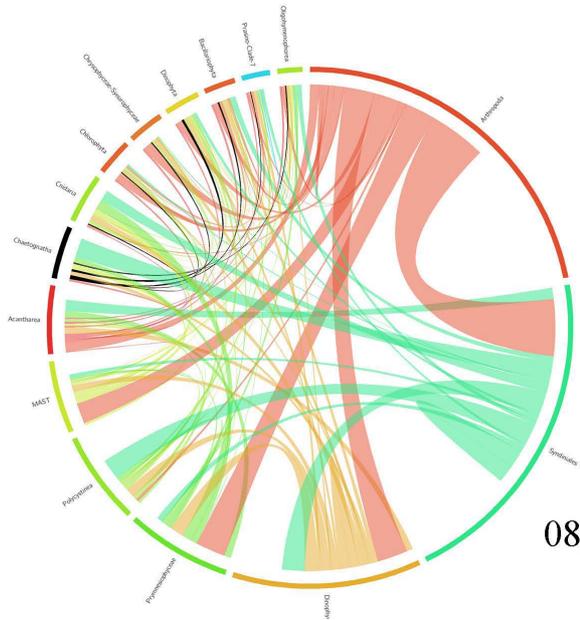


08\_5\_DCM

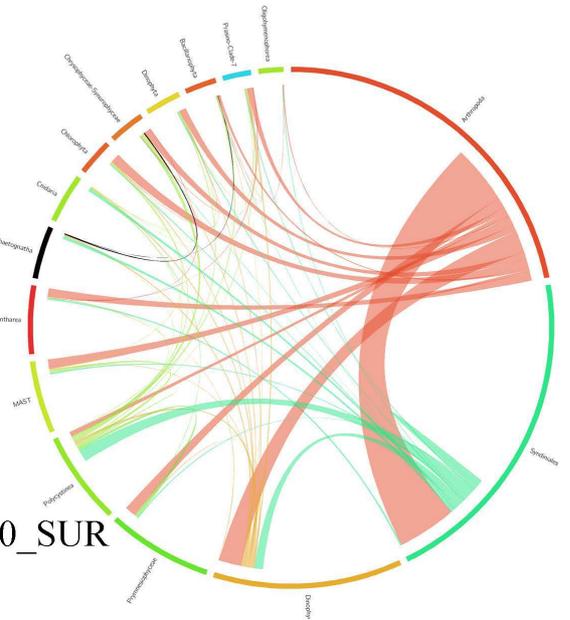
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A

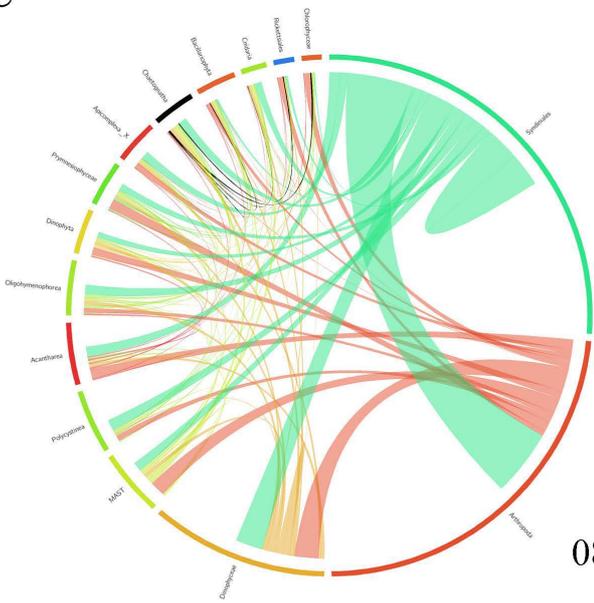


B

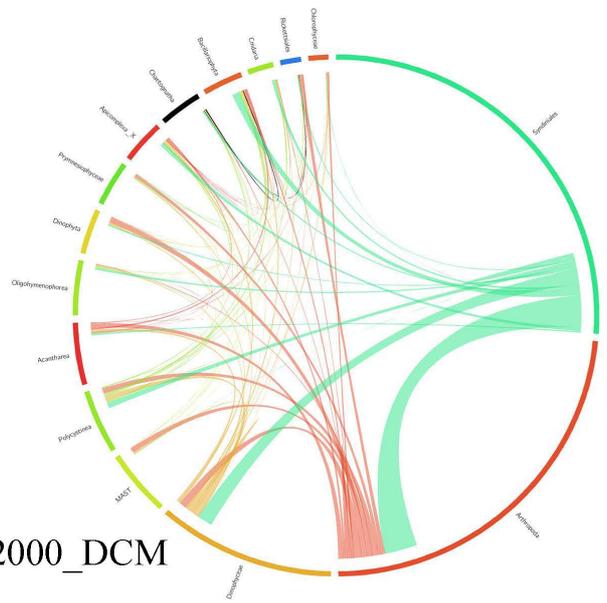


08\_5\_180\_2000\_SUR

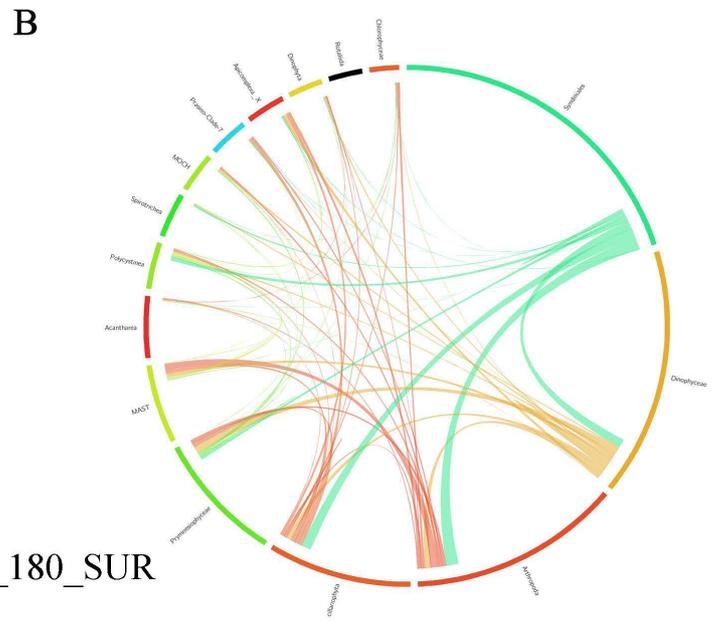
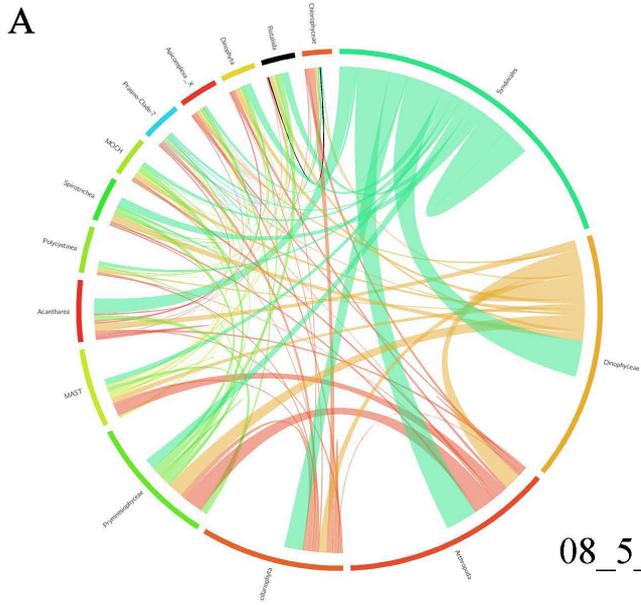
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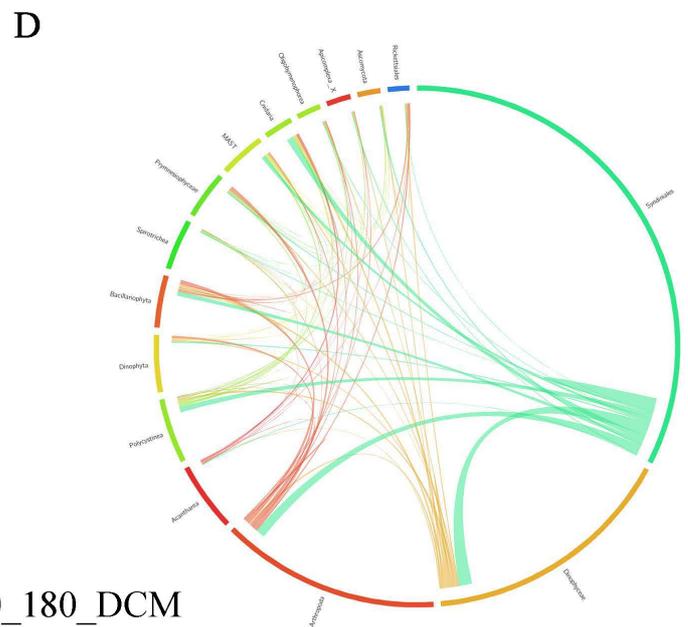
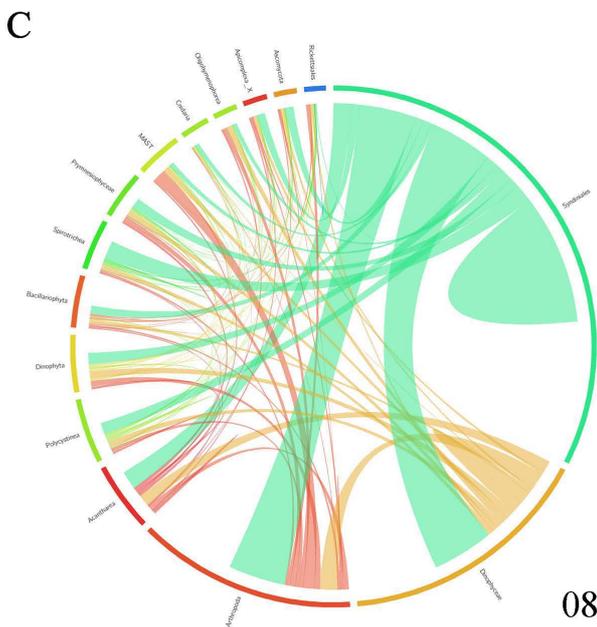
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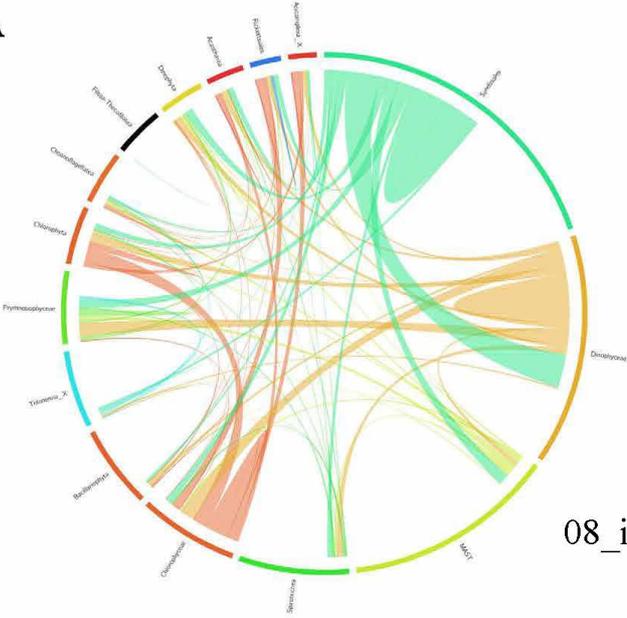


08\_5\_20\_180\_SUR

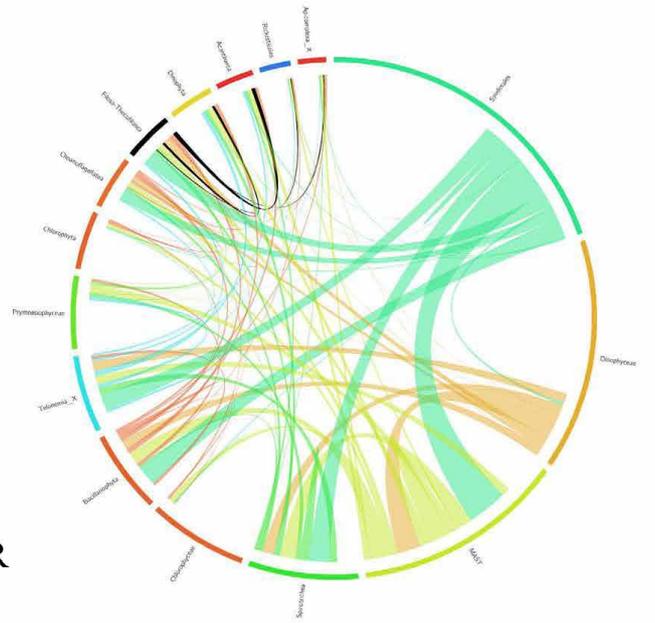


08\_5\_20\_180\_DCM

A



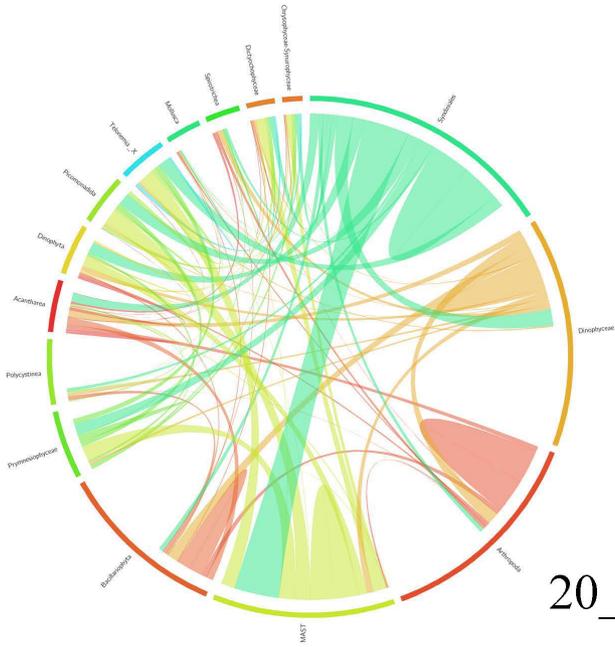
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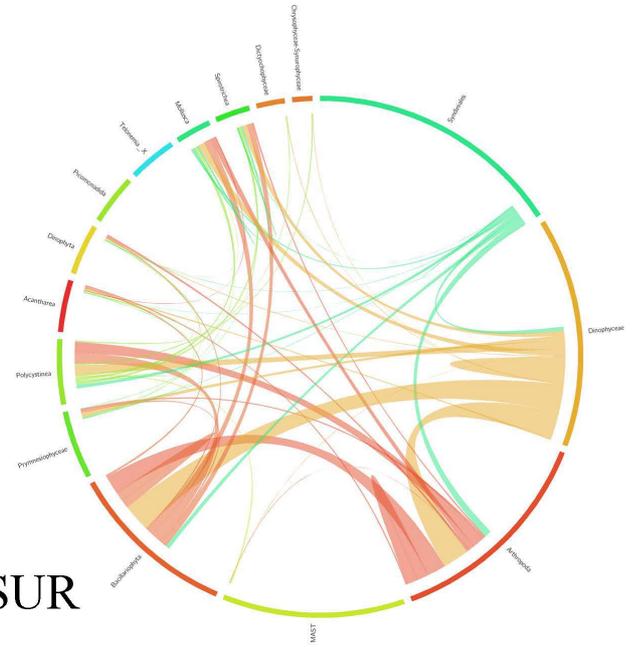
08\_inf\_SUR



A

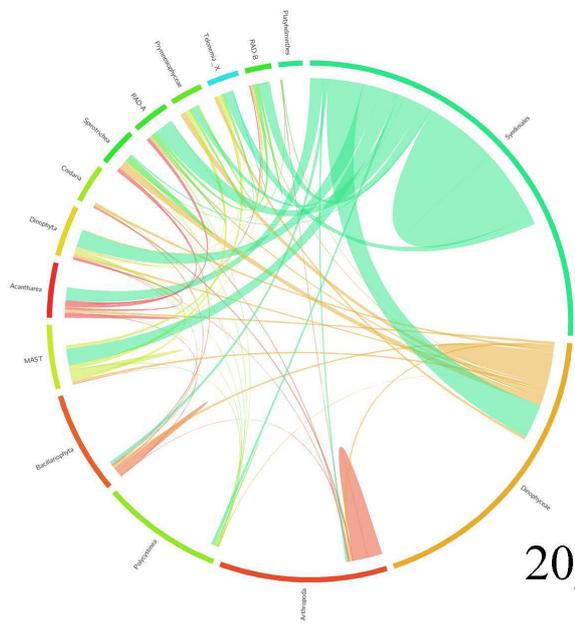


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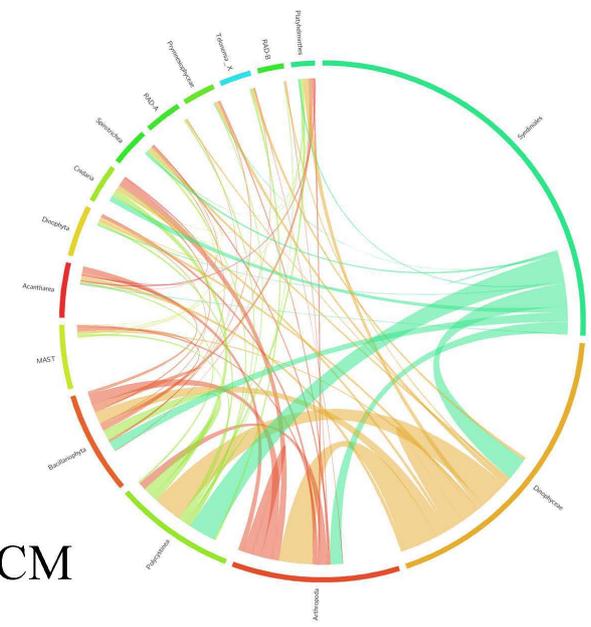


20\_180\_SUR

C



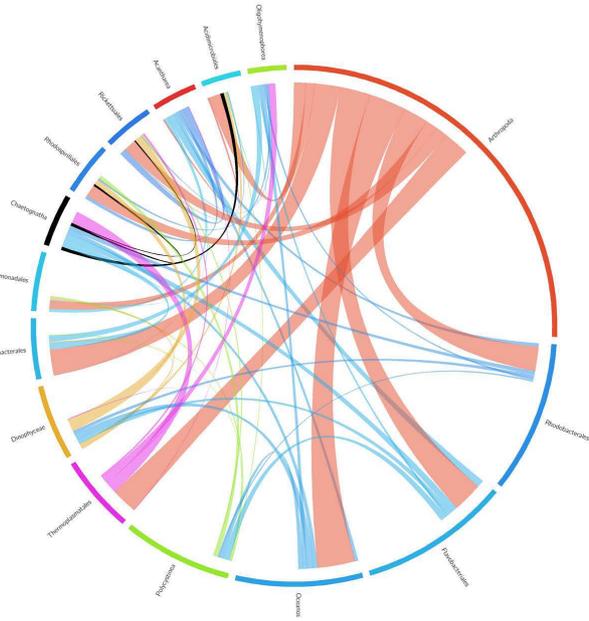
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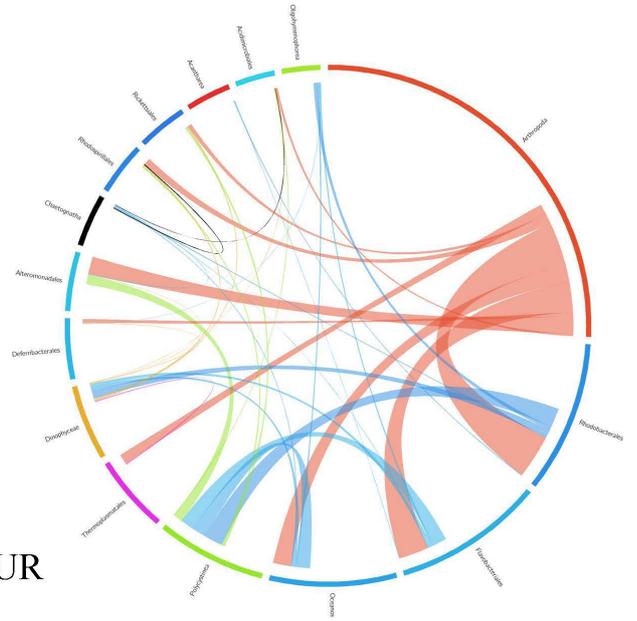
20\_180\_DCM



A

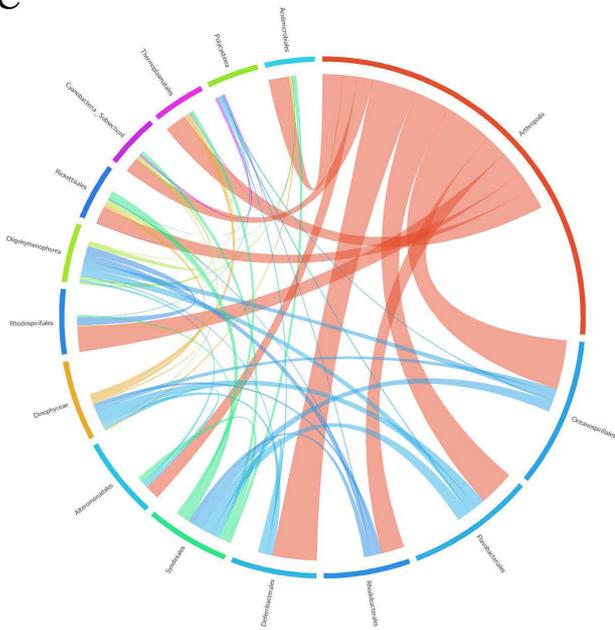


B

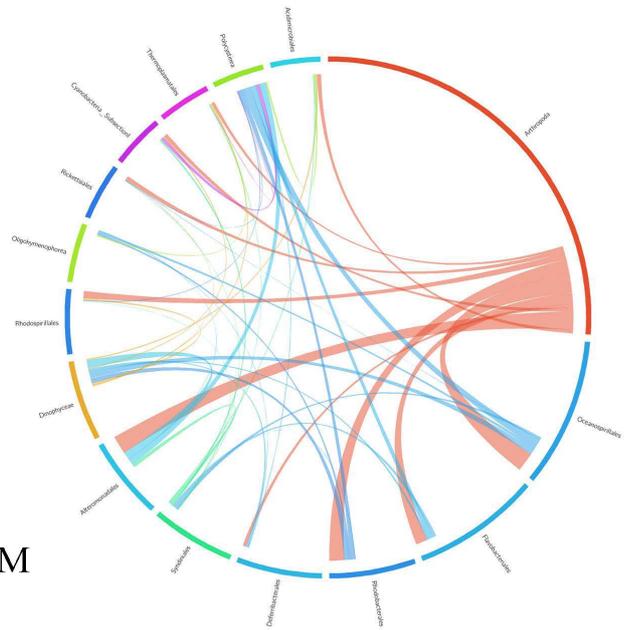


Prok\_SUR

C

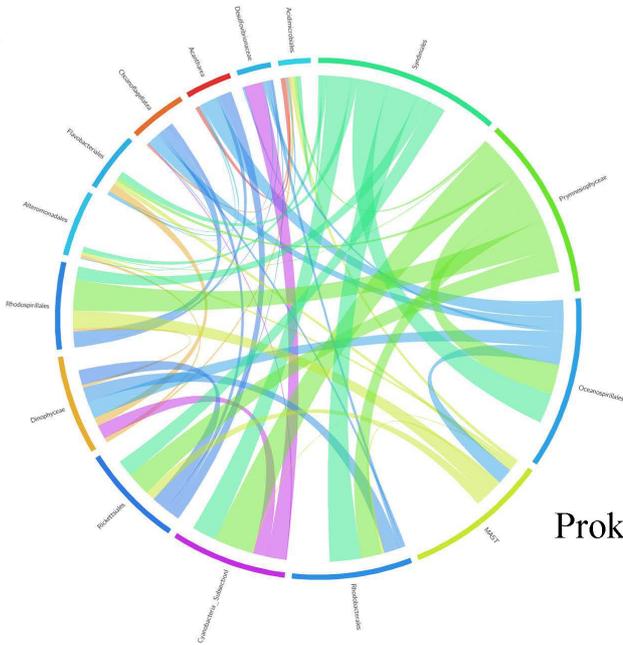


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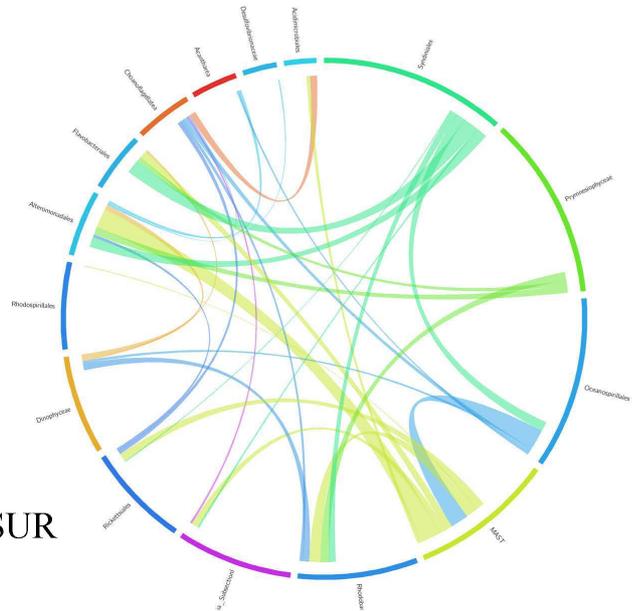


Prok\_DCM

A

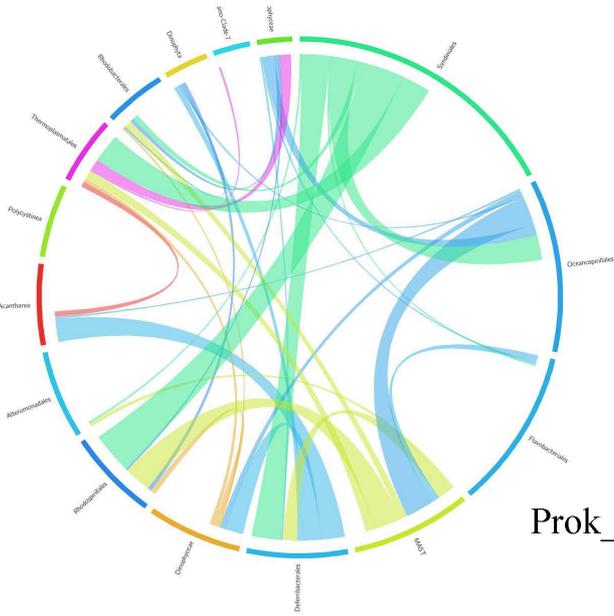


B



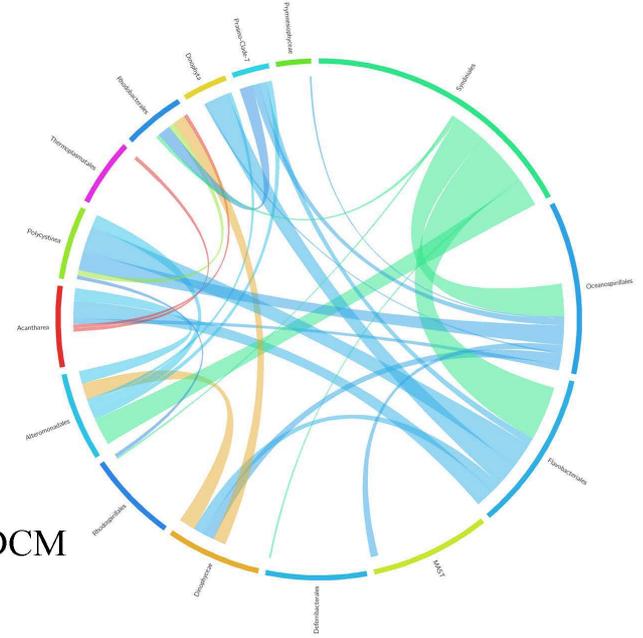
Prok\_08\_5\_SUR

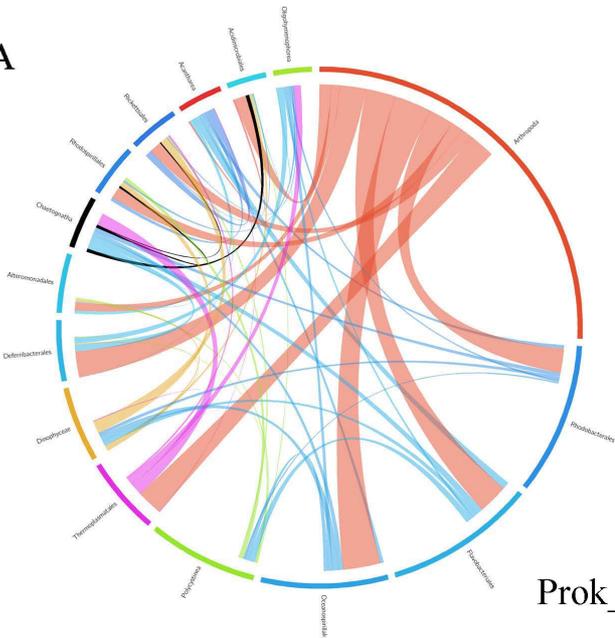
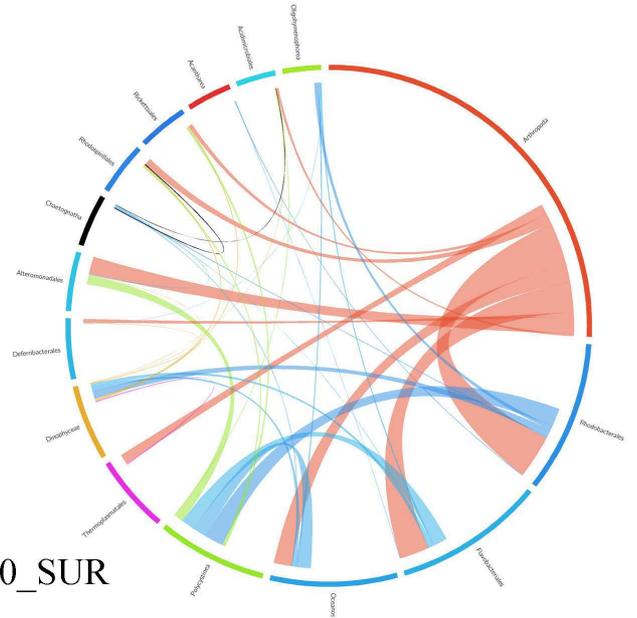
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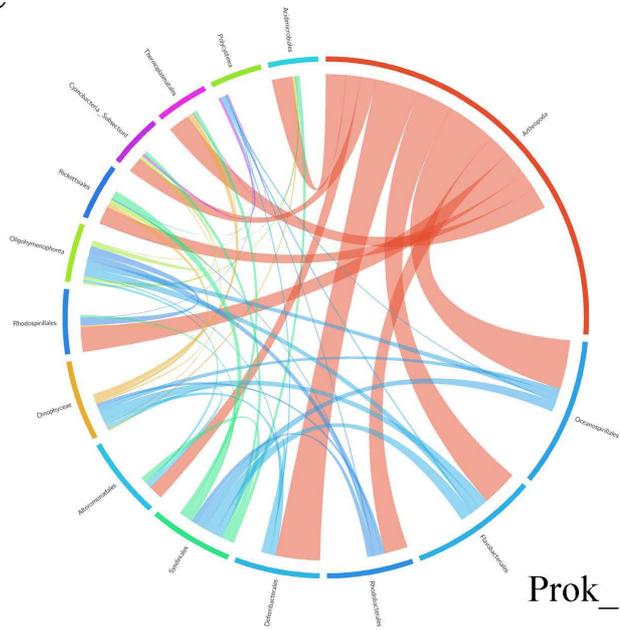
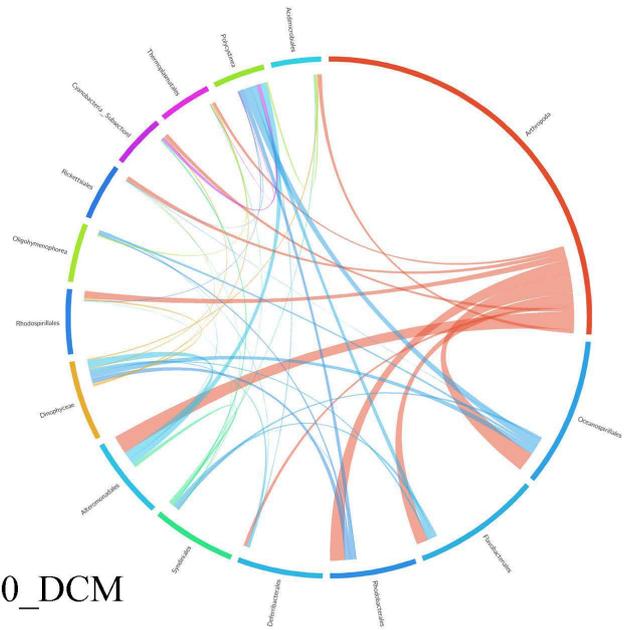
Prok\_08\_5\_DCM

D



**A****B**

Prok\_180\_2000\_SUR

**C****D**

Prok\_180\_2000\_DCM

