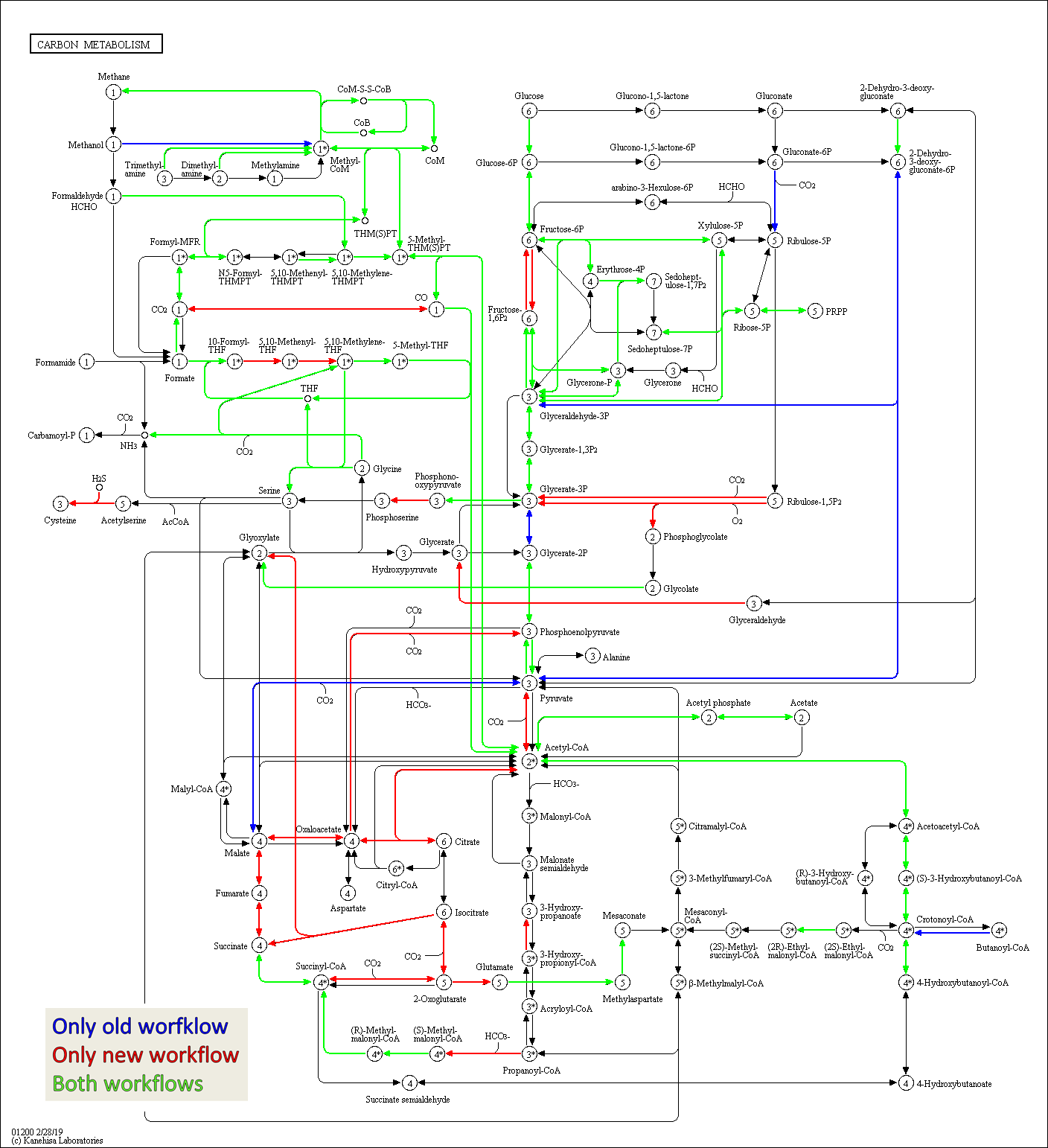


**KEGG map carbon metabolism Hgut\_1 Old Workflow vs. New Workflow**

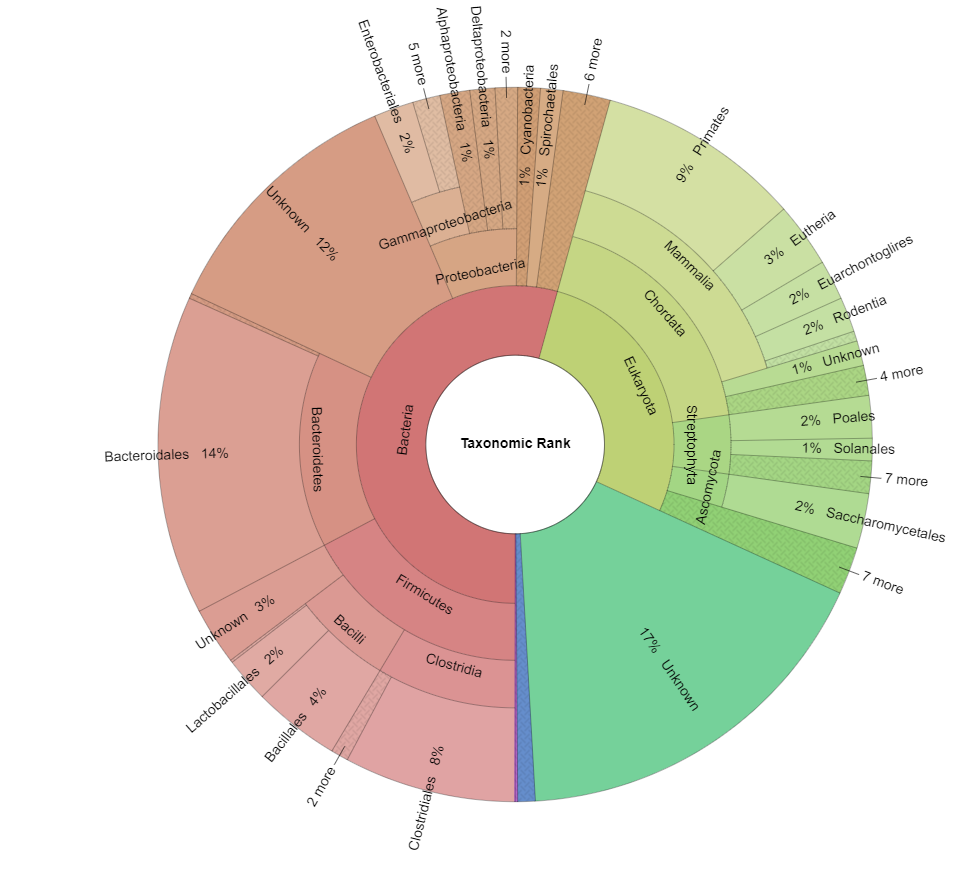
This is the KEGG map for the carbon metabolism showing enzymes in the sample Hgut\_1 (3 technical replicates combined). The map is colored to highlight differences between functional annotation, where blue are KO numbers exclusively found in the analysis with the old laboratory workflow, red are KO numbers exclusively found in the analysis with the new laboratory workflow and green are KO numbers found with both. The maps are also hosted on: <http://www.mpa.ovgu.de/review/kegg_carbonmetabolism_Hgut_1.png>



**KEGG map carbon metabolism BGP\_1, Old Workflow vs. New Workflow**

This is the KEGG map for the carbon metabolism showing enzymes in the sample BGP\_1 (3 technical replicates combined). The map is colored to highlight differences between functional annotation, where blue are KO numbers exclusively found in the analysis with the old laboratory workflow, red are KO numbers exclusively found in the analysis with new laboratory workflow and green are KO numbers found with both. The maps are also hosted on: <http://www.mpa.ovgu.de/review/kegg_carbonmetabolism_BGP_1.png>

**Krona Hgut\_1 New Workflow**

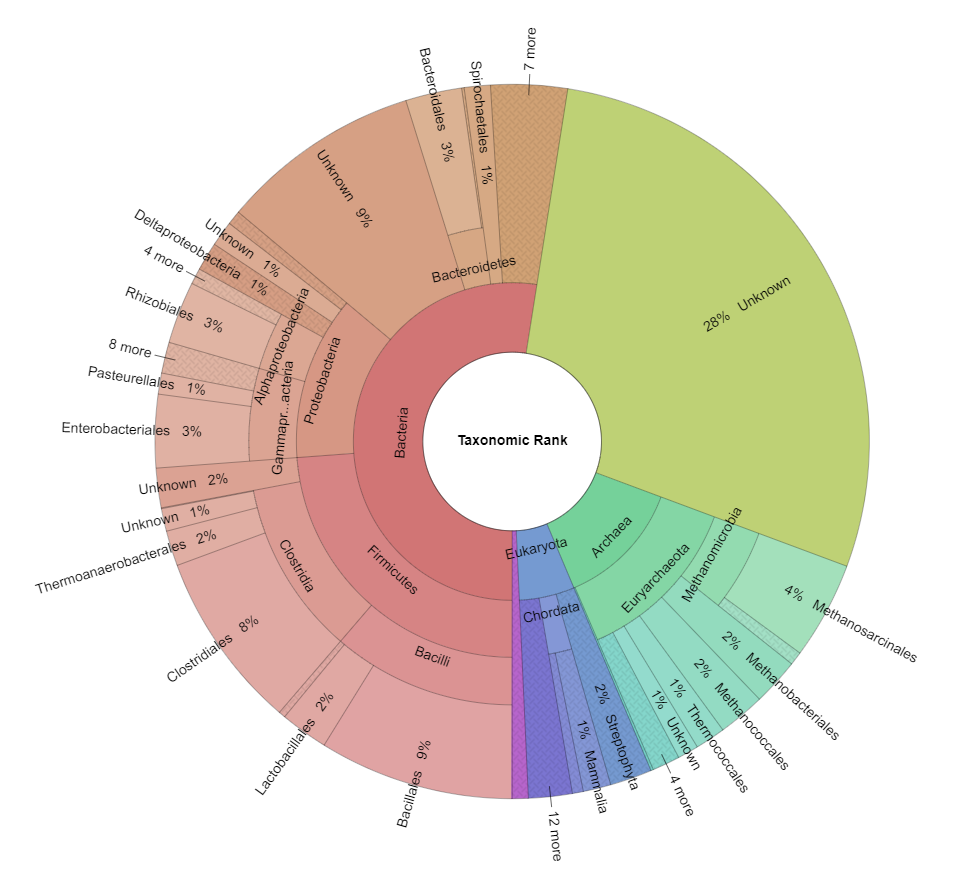


**Krona Hgut\_1 Old Workflow**

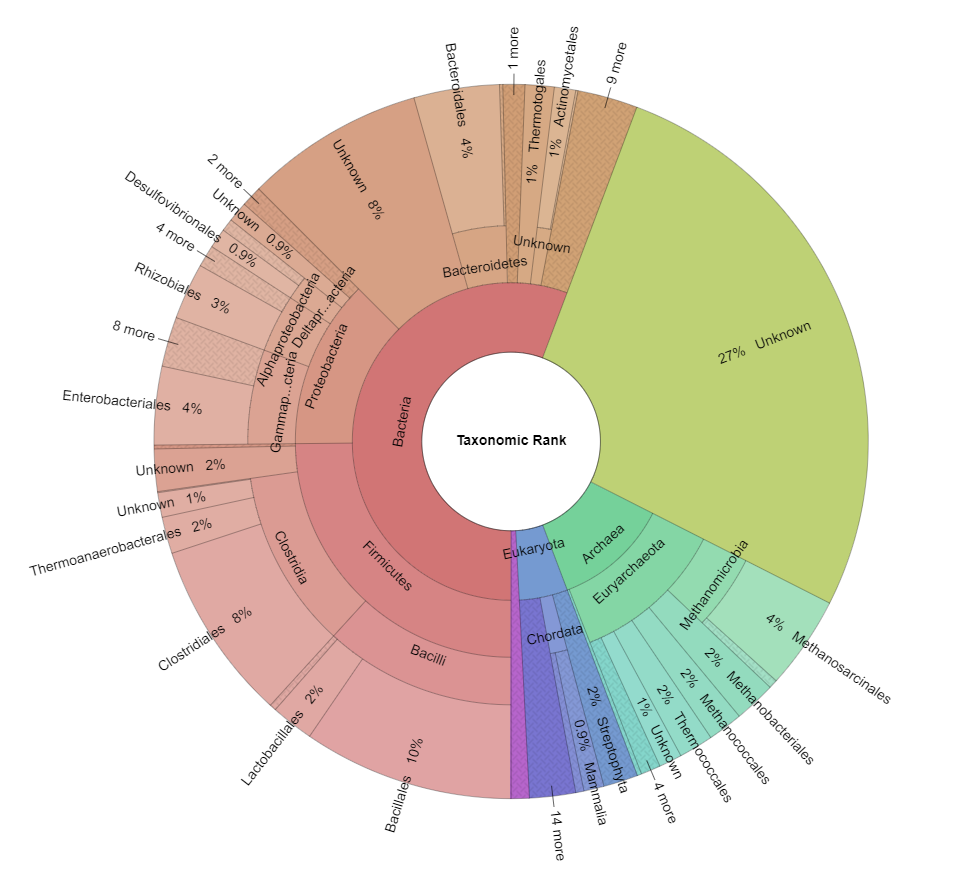


Seen are two snapshots of a comparative Krona Plot for sample Hgut\_1 (old vs. new workflow). The Krona plots highlight that taxonomies only change slightly between different old and new workflow, although the number of spectra used is drastically different. The interactive graph is hosted on: <http://www.mpa.ovgu.de/review/comparative_KronaPlot_Hgut_1.html>

**Krona BGP\_1 New Workflow**



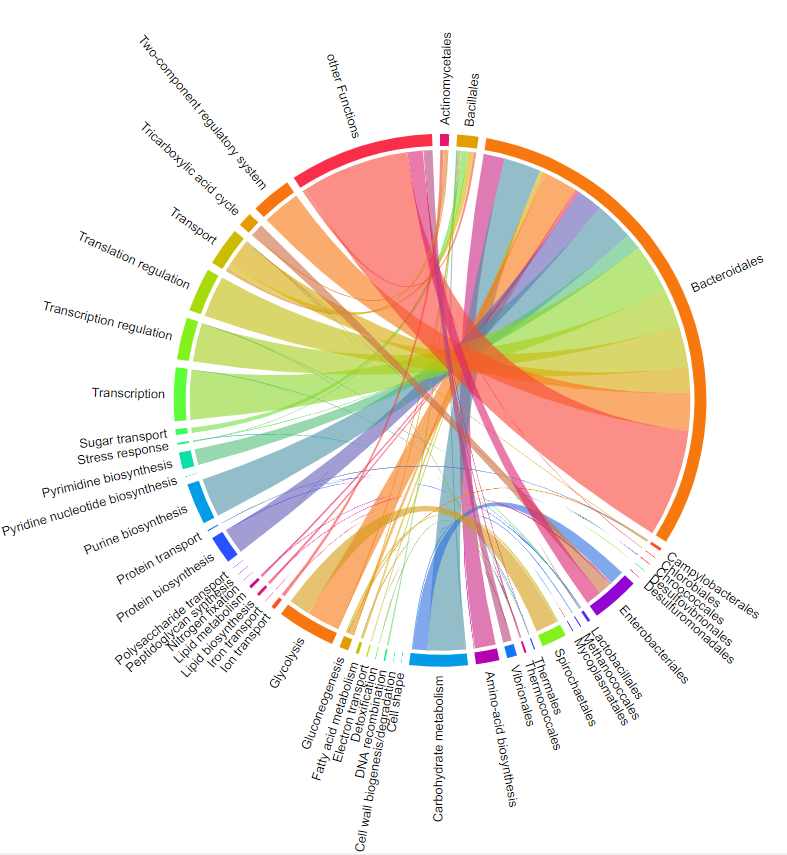
**Krona BGP\_1 Old Workflow**



Seen are two snapshots of a comparative Krona Plot for sample BGP\_1 (old vs. new workflow). The Krona plots highlight that taxonomies only change slightly between different old and new workflow, although the number of spectra used is drastically different. The interactive graph is hosted on: <http://www.mpa.ovgu.de/review/comparative_KronaPlot_BGP_1.html>

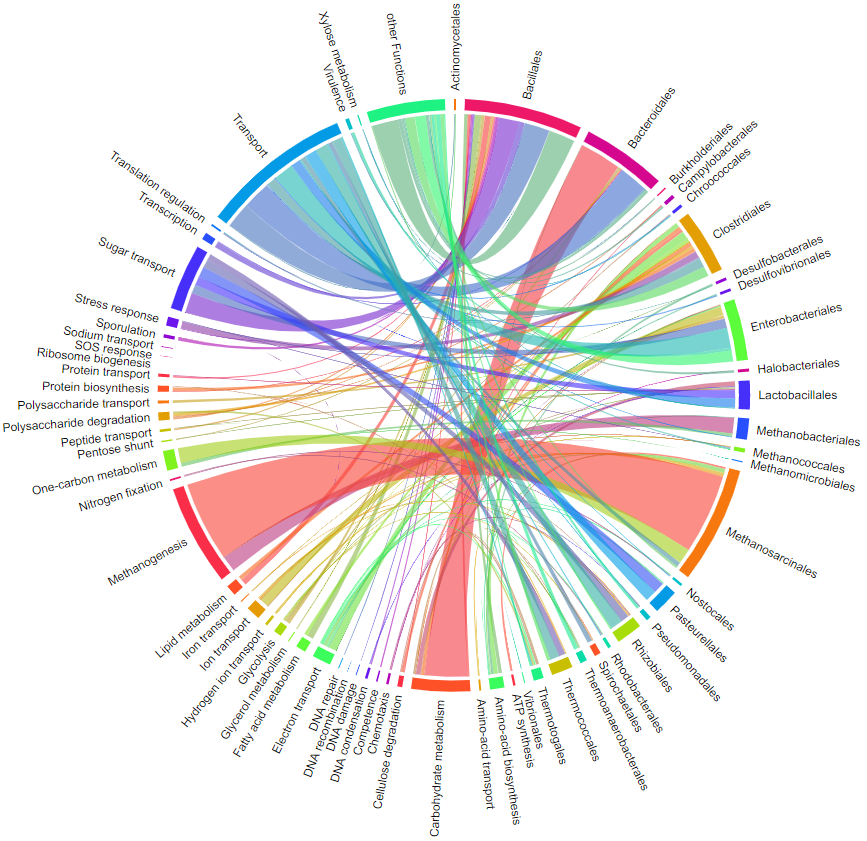
We also created two interactive chord diagrams for the samples Hgut\_1 and BGP\_1, available at the addresses below. The elements that are shown can be changed using the tables below the chart. Hovering over certain elements highlights relevant parts of the chart. Using the remote server, these interactive charts can be created directly in the MPA (which opens the browser with the created chart).

**Chord Hgut\_1** (interactive diagram: <http://www.mpa.ovgu.de/human_gut.html>)



This is a snapshot chord diagram for Hgut\_1, where an appropriate selection of taxonomies and functions was taken.

**Chord BGP\_1** (interactive diagram: <http://www.mpa.ovgu.de/biogas_plant.html>)



This is a snapshot chord diagram for BGP\_1, where an appropriate selection of taxonomies and functions was taken.