

Amplicon result supplementary instruction

(03)

2023 / 8 / 28

03.TaxonVisual **【visual display of annotation】**

1. barplot **【barplot of relative abundance】**

1.1 sample/group1/... **【barplot of relative abundance in sample or group】**

1.2 top10.*.*.barplot.{xls,png,svg} **【barplot of abundance top10 taxa】**

1.3 top30.*.g.barplot.{xls,png,svg} **【barplot of abundance top30 taxa】**

2. heatmap **【cluster heatmap of taxa】**

2.1 sample/group1/... **【cluster heatmap of taxa】**

2.2 heatmap.*.*.{pdf,png,txt} **【cluster heatmap of taxa at each taxonomy level】**

3. tree100 **【phylogenetic tree of abundance top100 taxa at genus taxonomy level】**

3.1 sample/group1/... **【sample/group】**

3.2 genus_100.tree **【tree file of abundance top100 taxa at genus taxonomy level】**

3.3genus_100.tree.{png,svg} **【phylogenetic tree of abundance top100 taxa at genus taxonomy level】**

4. venn **【venn diagram】**

4.1 sample/group1/... **【sample/group1/】**

4.2 * **【venn diagram of sample or group】**

4.3 *_*.txt **【exclusive OTU/ASV of sample in venn diagram,eg. A-B_A.txt(exclusive OTU/ASV in A)】**

4.4 *_*.*.txt **【common OTU/ASV of sample in venn diagram,
eg. A-B_A:B.txt (common OTU/ASV in A and B)】**

4.5 *. {png,svg} **【venn diagram】**

5. flower **【flower diagram】**

5.1 sample/group1/... **【sample/group1/】**

5.2 * **【flower diagram of sample or group】**

5.3 *_all-core.xls 【common OTU/ASV of sample or group in flower diagram, eg A-B-C-D-E-F_all-core.xls】

5.4 *_*.xls 【exclusive OTU/ASV of flower diagram, eg. A-B-C-D-E-F_A.xls (exclusive OTU/ASV in A)】

5.5 *. {xls,png,svg} 【flower diagram】

6. ternary 【ternary diagram】

6.1 sample/group1/... 【sample/group1/】

6.2 */*.ternary.{jpeg,pdf} 【ternary diagram at each taxonomy level】