

# Taxonomic Profiling and Visualization of Metagenomic Data PRACTICAL

## DESI ARTI

### Data Set

Galaxy

Workflow Visualize Shared Data Help User

Using 1%

Tools

corona pie chart

Upload Data

Hide Sections

Metagenomic Analysis

corona pie chart from taxonomic profile

Graph/Display Data

corona pie chart from taxonomic profile

ORKFLOWS

1 workflows

This dataset is large and only the first megabyte is shown below.

Show all | Save

@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:13417:1998 1:N:0:TCGNAG  
CTACGGCGCATCGGCGNCCCAGGAGGAGCGGATGCGCCCTCGGCGGCTCGCTTCTGAACCCCTGGCTGCTGGCGGCGI  
+  
BABBBABD?DDBBGGGG#AAFGGGGGGHGGHHGGGGEGGGHFEHGHGGGGGGEDGGGGGGHHHHHHGGGGGGHGGHHGGCGGI  
+  
@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:15782:2187 1:N:0:TCGAAG  
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+  
BBBBBBBBBB?EEGGGGGGCEEEEGGG?EFGGGEFBA/EEEEEEFGGGCGADBG?DCCDCD.<<C/C.:C.E/CGC.: -9999A  
+  
@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:11745:2196 1:N:0:MCGAAG  
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+  
BBBAA@D@>AEFE?EGGGZAGEGECEEHCGHGGGGGGDGECEEGHHGGGGGGEEHGGGGGGFHHD@DGGGG@<DFHHBHFHD@DHD/  
+  
@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:18358:2213 1:N:0:TCGAAG  
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+  
BCDDCCDCBCCGGGGGGGGGGHGGGGGGGGHHHHHHHHHHHHHHHHGGGGGGGGHGGGGGGHHHHHHGGGGGGGGHGGHHGGGGGI  
+  
@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:14892:2226 1:N:0:TCGAAG  
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+  
AAAABBFBBBBGEGFGGGGGCGEGCEGFEAF1A1FAEFH0E//E/>?B3EEB?/4?EE/ECCGC  
+  
@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:18764:2247 1:N:0:TCGAAG  
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+  
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+  
@MISEQ-LAB244-W7:91:00000000-A5C7L:1:1101:12147:2252 1:N:0:TCGAAG

History

search datasets

Taxonomic Profiling

999 MB 20 9 5

22: Report: Kraken2 on data 14

17: JP4D\_R2.fastqsanger.gz

16: JP4D\_R1.fastqsanger.gz

15: JC1A\_R2.fastqsanger.gz

14: JC1A\_R1.fastqsanger.gz

10: Krakentools: Convert kraken r

report file on collection 6

a list with 1 tabular dataset

8: Krakentools: Convert kraken re

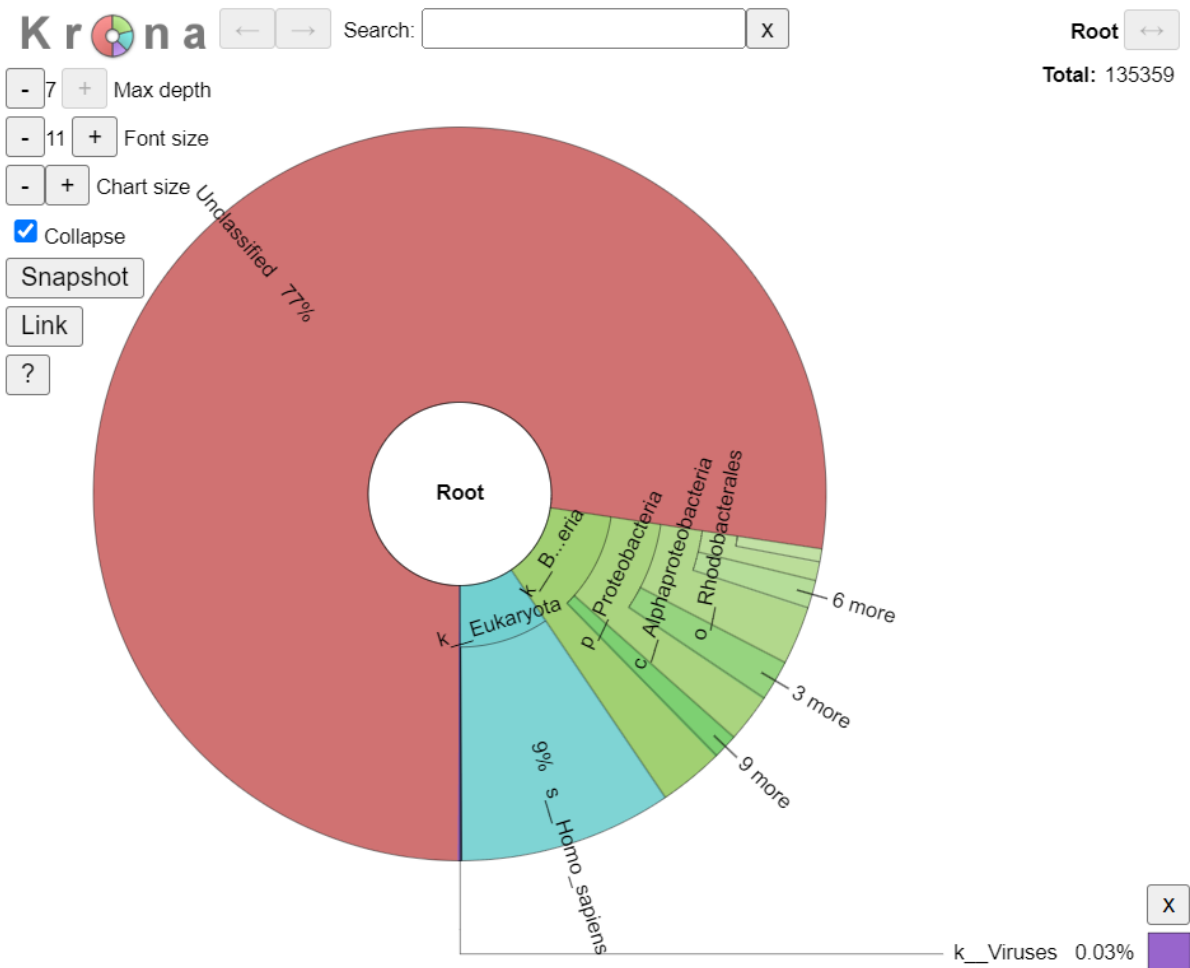
### Taxonomic Profiling

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
89.82	1002392	1002392	U	0	unclassified
10.18	113657	1824	R	1	root
9.98	111428	1274	R1	131567	cellular organisms
9.25	103187	11517	D	2	Bacteria
8.08	90150	12784	P	1224	Proteobacteria
6.72	75010	21007	C	28211	Alphaproteobacteria
2.99	33367	18057	O	204455	Rhodobacterales
0.93	10332	7285	F	31989	Rhodobacteraceae
0.15	1681	966	G	265	Paracoccus
0.02	266	17	G1	2688777	unclassified Paracoccus (in: Bacteria)
0.02	190	190	S	2895796	Paracoccus sp. MA
0.00	21	21	S	2500532	Paracoccus sp. Arc7-R13
0.00	19	19	S	2760307	Paracoccus sp. MC1862
0.00	11	11	S	2812658	Paracoccus sp. H4-D09
0.00	5	5	S	2903900	Paracoccus sp. S8-55

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### Visualization



1514ac12c2/preview