

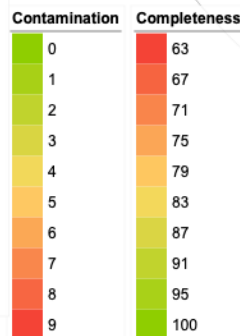
Tree scale: 1

Kingdom

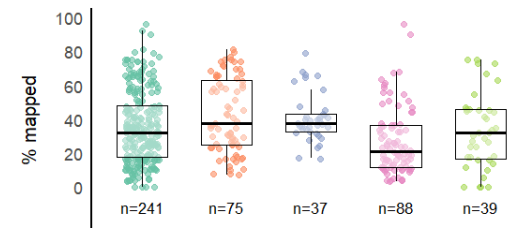
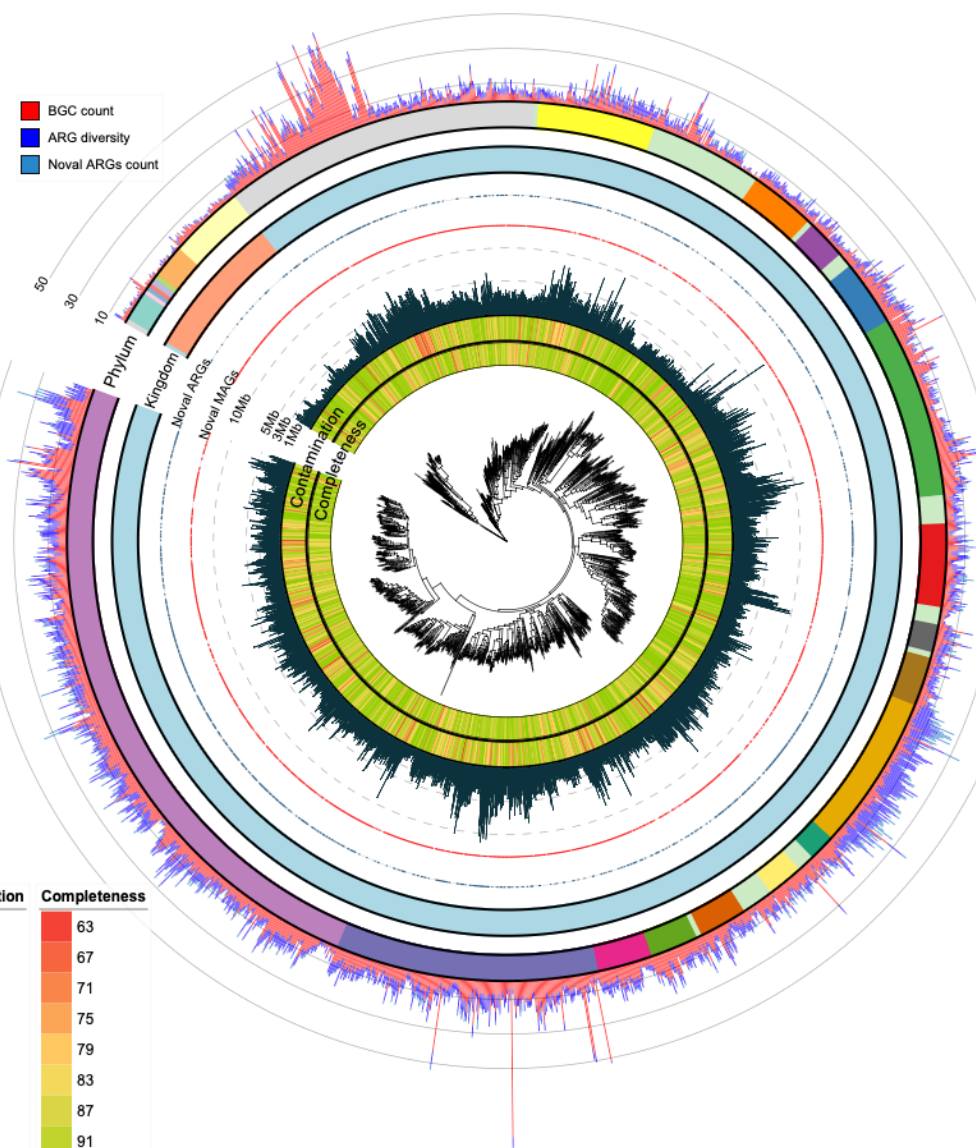
- Bacteria (1858)
- Archaea (121)

Phylum

- Actinomycetota (239)
- Pseudomonadota (494)
- Thermoplasmatota (23)
- Other (Bacteria) (186)
- Bacteroidota (118)
- Verrucomicrobiota (49)
- Planctomycetota (135)
- Acidobacteriota (196)
- Nitrospirota (40)
- Myxococcota_A (26)
- Thermoproteota (55)
- Desulfobacterota_B (20)
- Gemmatimonadota (61)
- Methylomirabilota (38)
- Chloroflexota (88)
- Bacteroidota_A (35)
- Halobacteriota (4)
- Desulfobacterota (37)
- Campylobacterota (48)
- Zhuqueibacterota (19)
- Micrarchaeota (5)
- Nanobdeliota (25)
- Omnitrophota (29)
- Iainarchaeota (2)
- Altiarchaeota (2)
- Aenigmatarchaeota (5)

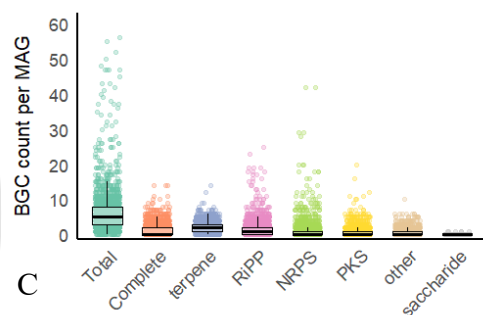


- BGC count
- ARG diversity
- Noval ARGs count

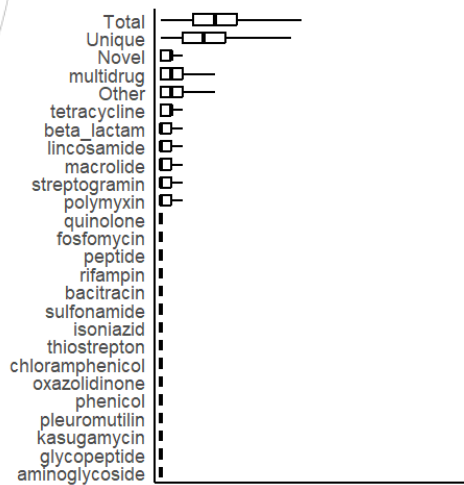


B

All metagenomes Biofilm Mineral Sediment Water



C



D

ARG count per MAG