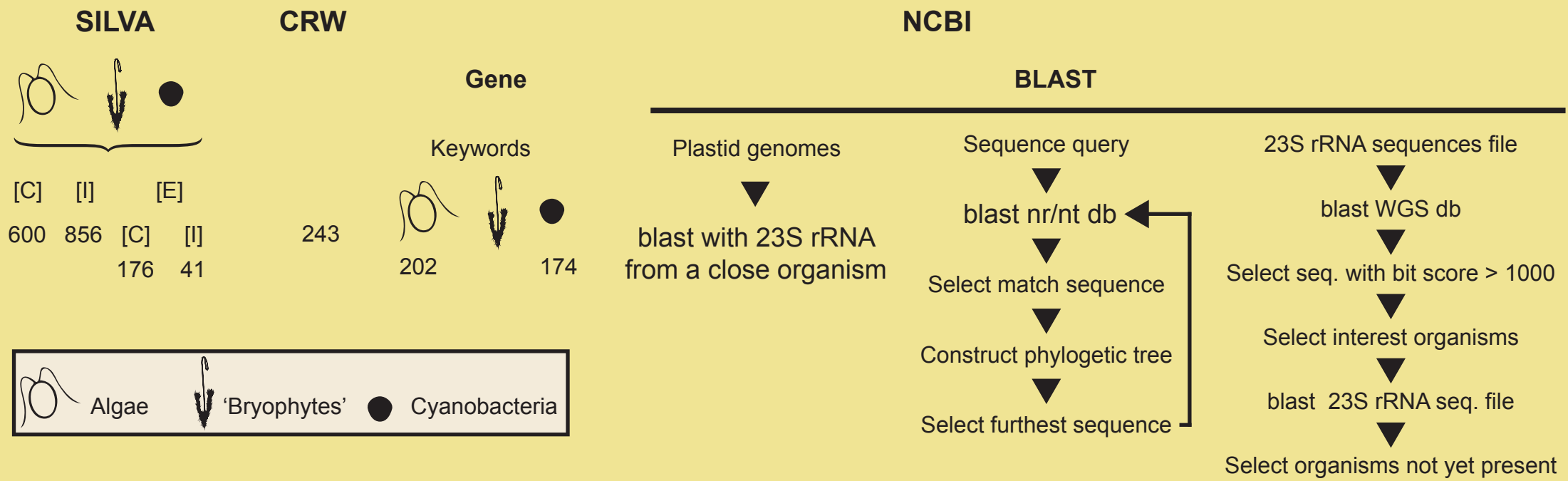
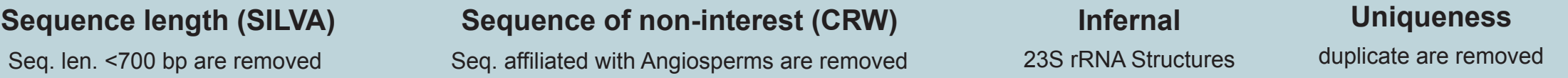


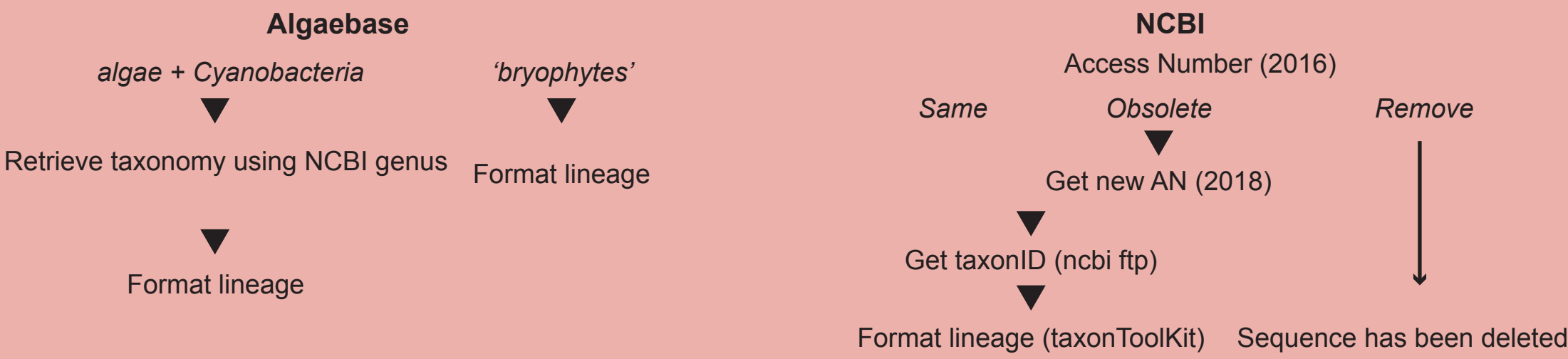
RETRIEVE SEQUENCES



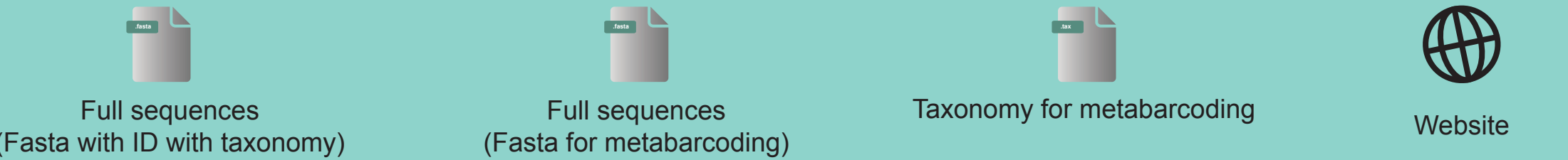
SEQUENCE VERIFICATION

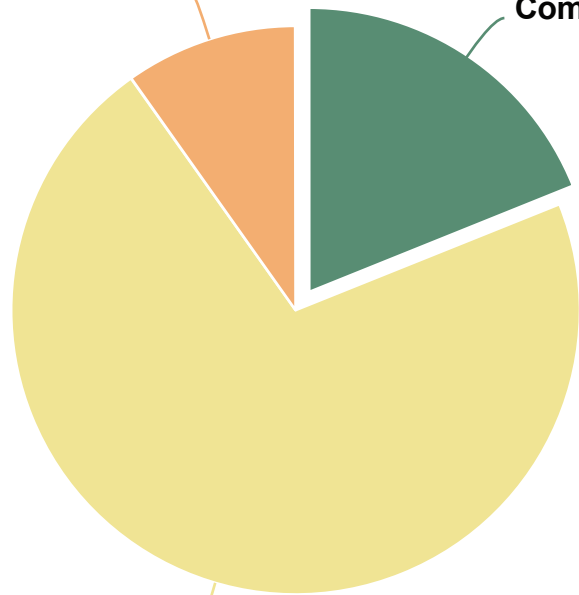


TAXONOMIC VERIFICATION

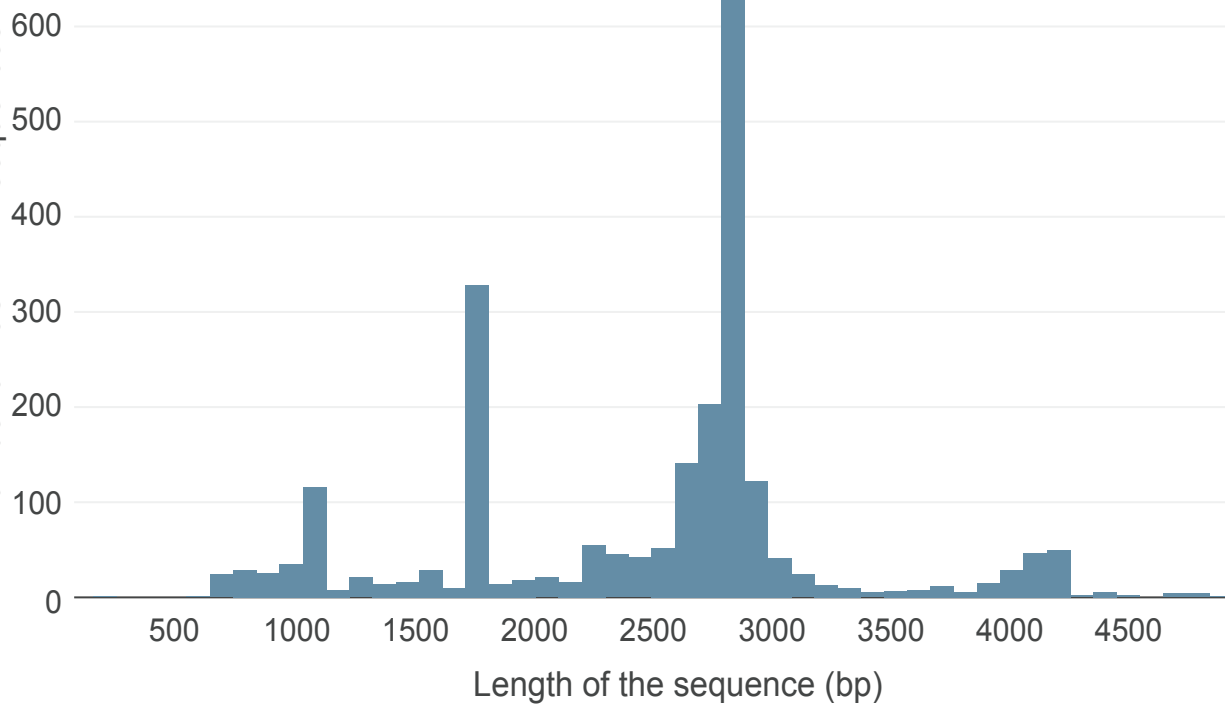


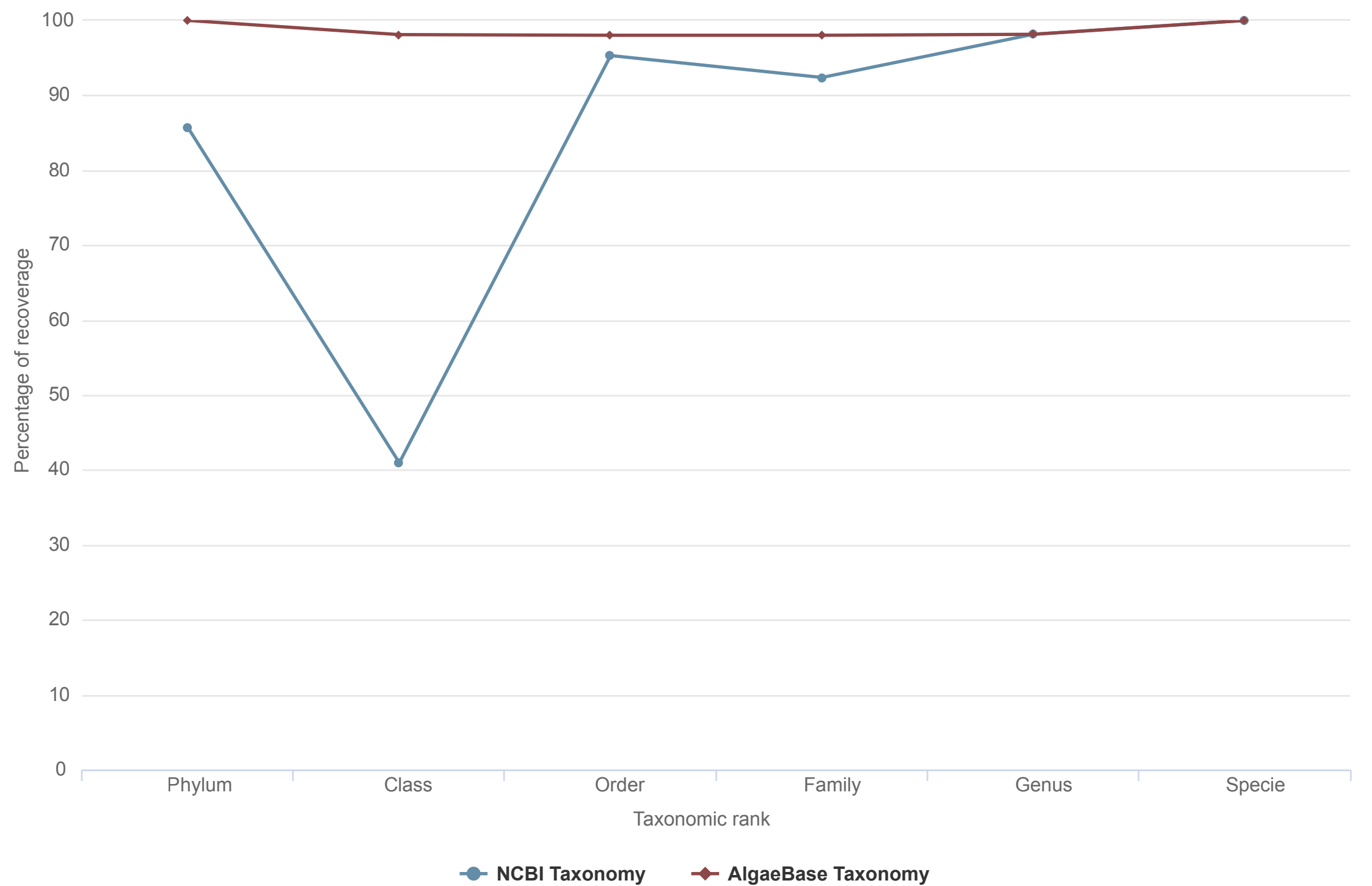
DATABASE FINALISATION



A**Environmental: 9.8 %****Complete: 18.9 %****Incomplete: 71.3 %****B**

Number of 23S rDNA sequences

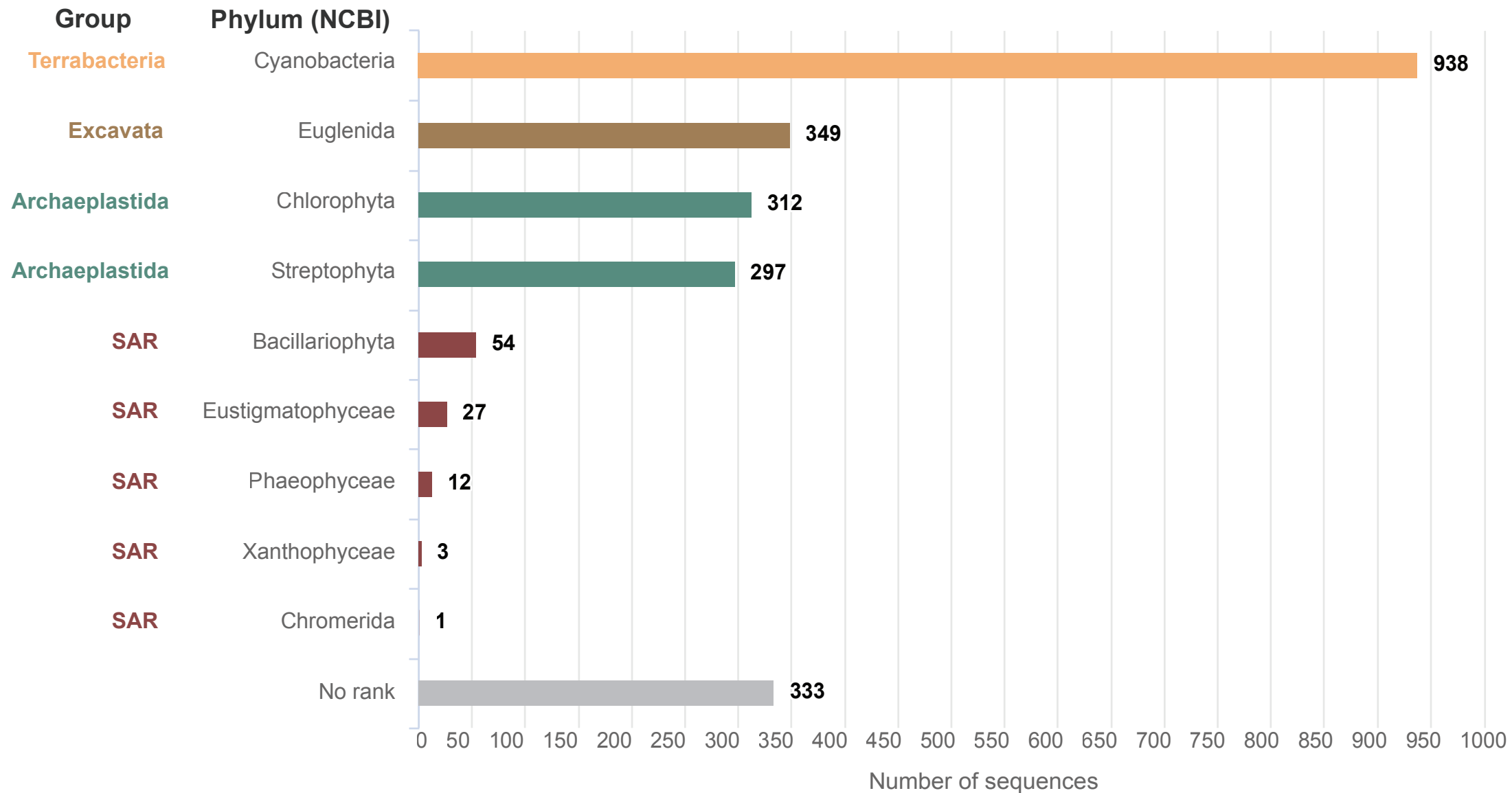
**FIGURE 2**



Figures 3

A

Taxonomic composition at phylum level - NCBI

**Figure 4**

B

Taxonomic composition at phylum level - Algaebase

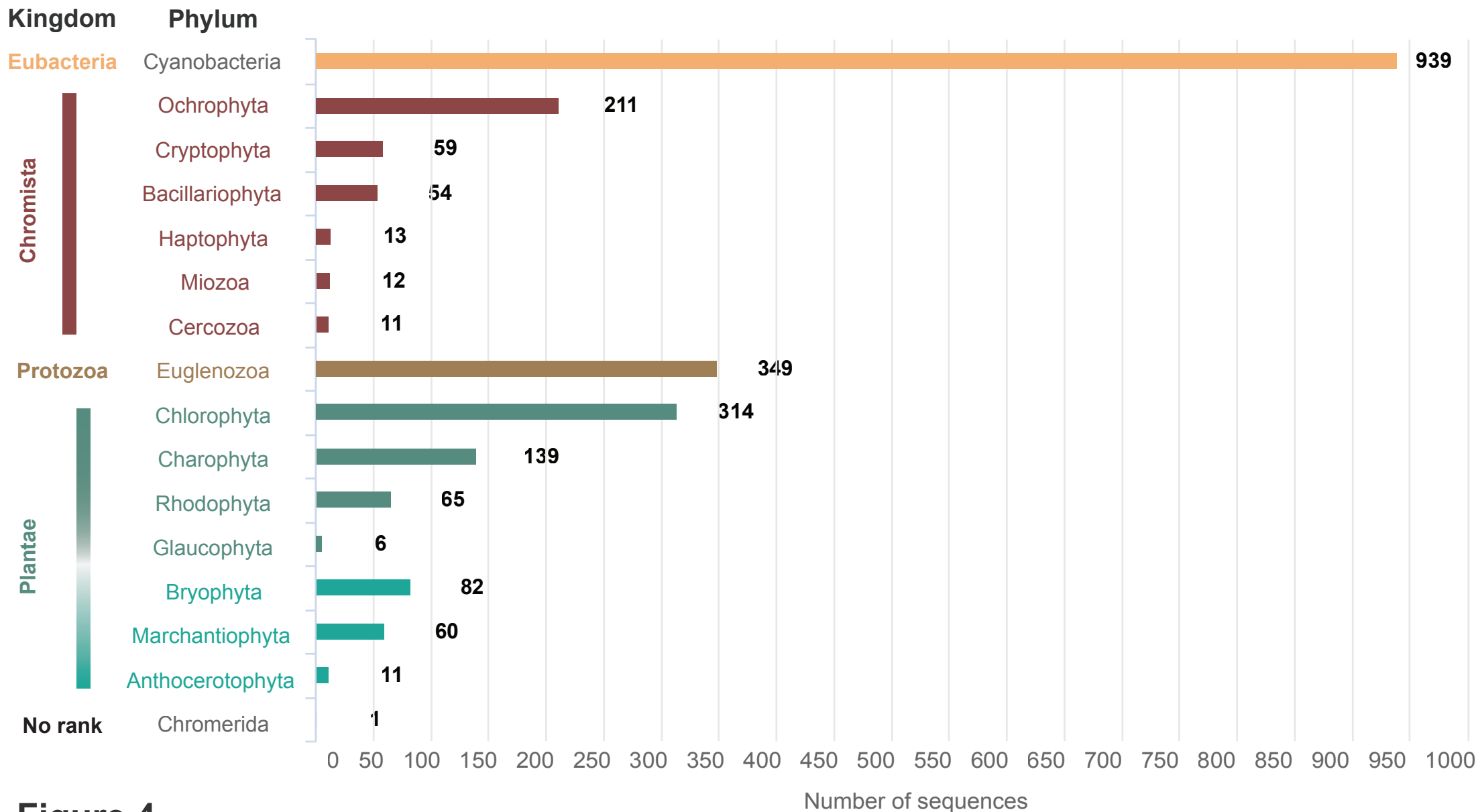
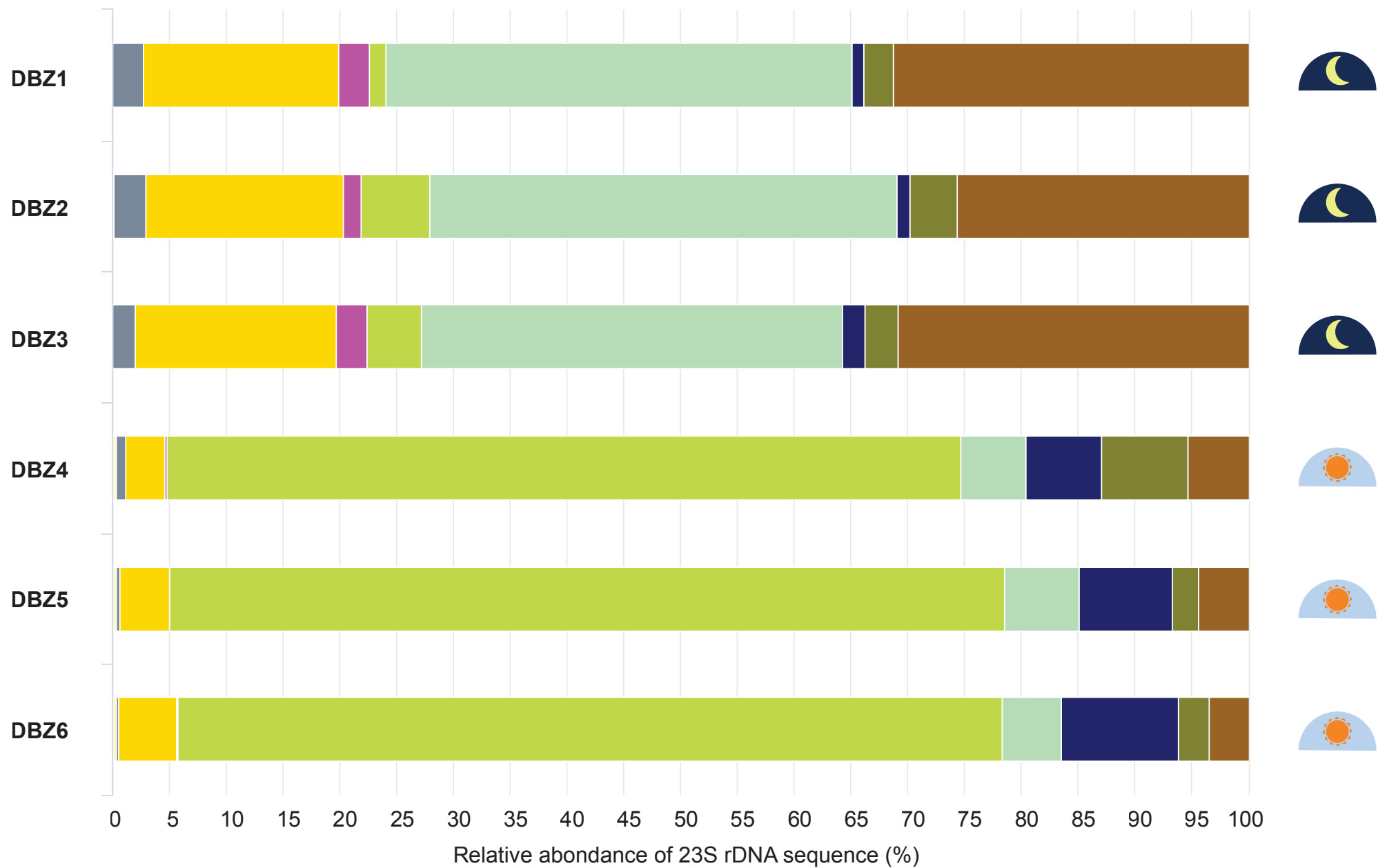


Figure 4



Kingdom

Eubacteria

Chromista

Plantae

Others

Phyla

Cyanobacteria

Ochrophyta

Charophyta

Unclassified

Bacillariophyta

Chlorophyta

Low groups (<1%)

Miozoa

Bryophyta

Experimental conditions



Darkness



Lightness

FIGURE 5A

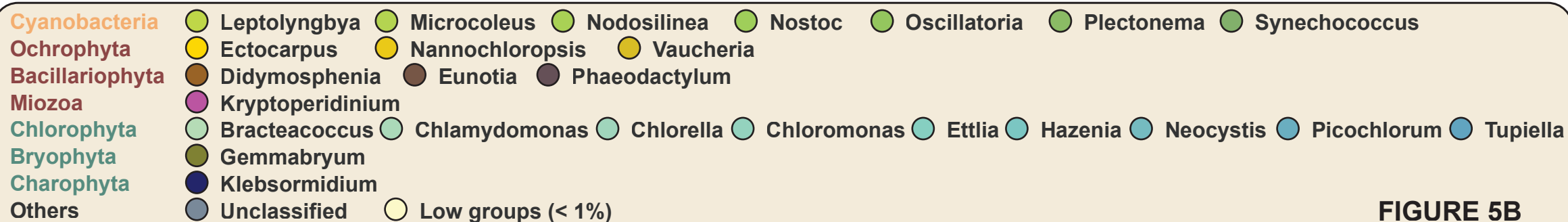
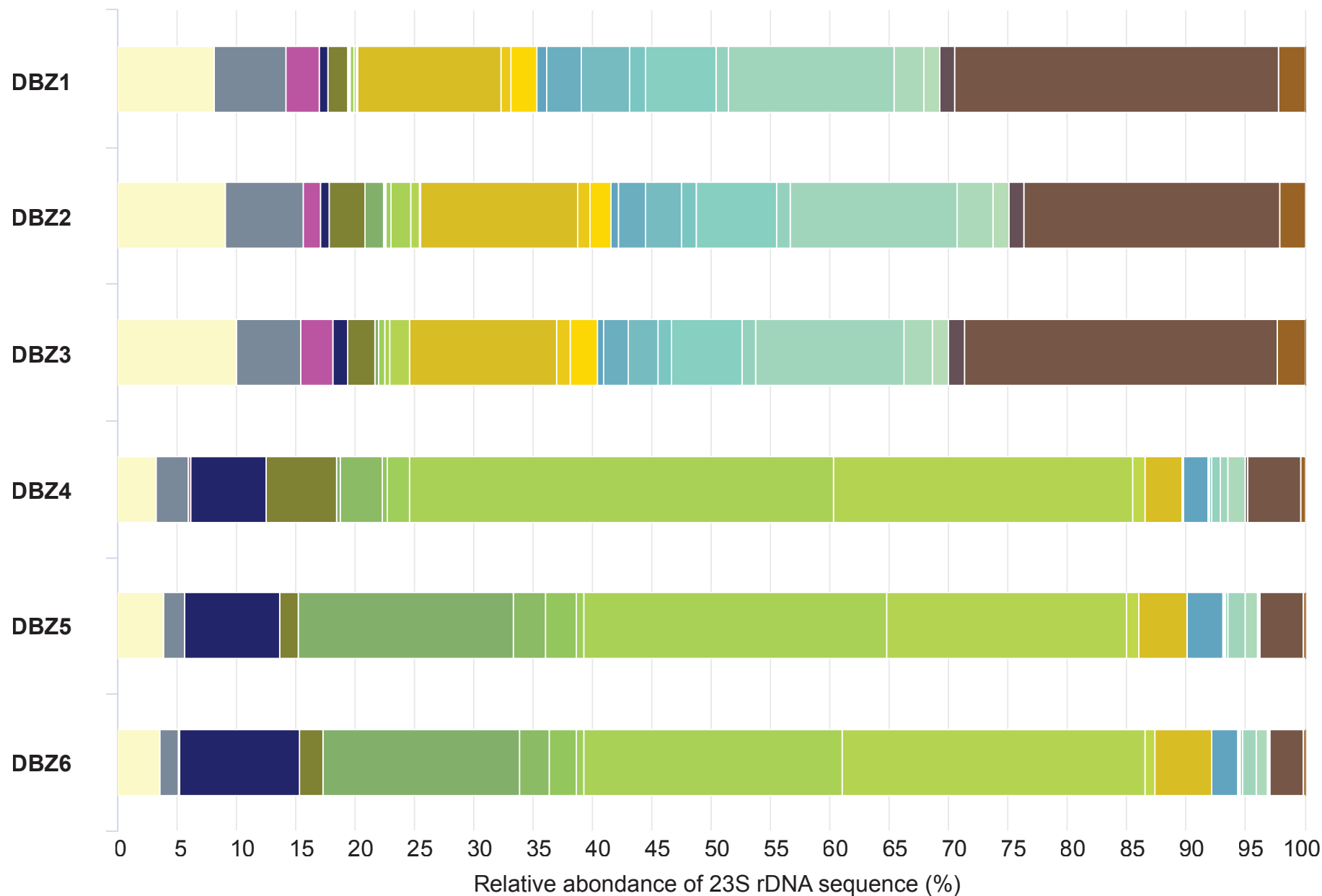


FIGURE 5B

Comparison of pair primers from litterature into μ green-db to amplify UPA

