

Part 4: Species Annotation

Species annotation results have been compiled and saved as CSV files.

The species annotation data includes:

- Sample names
- Annotated species names
- TaxIDs and clade information
- Additional metadata columns (if available)

Data source: Parsed from annotated_species object

Output location: Check outputs/ directory for:

- annotated_species.csv (annotated species list)

Key findings:

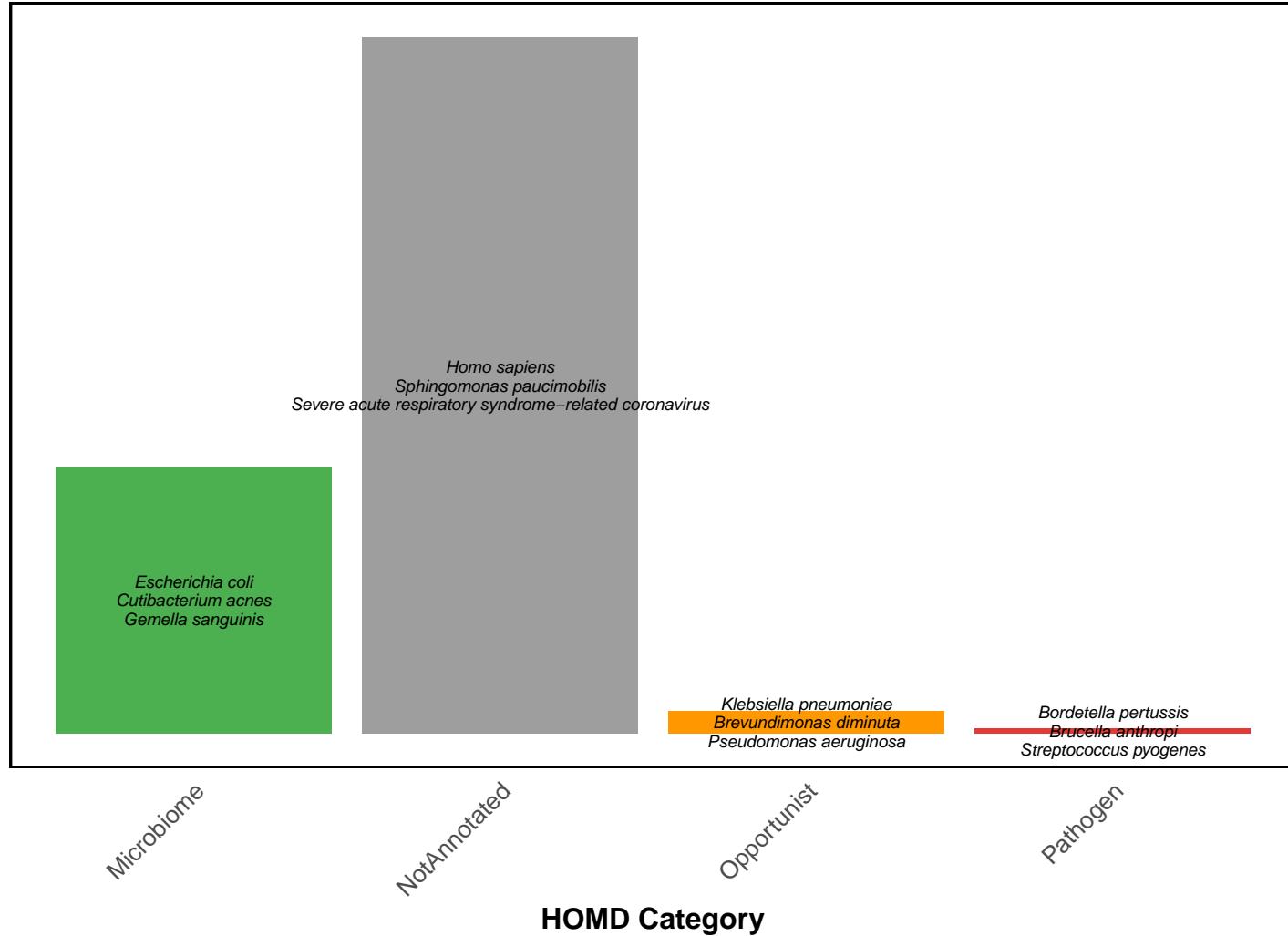
- Total annotated species: 579

Species per HOMD Category – All Samples

Total species: 579

Number of Species

400
300
200
100
0



Species per Risk Group – All Samples

Total species: 579

Number of Species

300

200

100

0

Homo sapiens
Sphingomonas pannii
Sphingobium cloacae

Herbaspirillum huttiense
Sphingobium xenophagum
Cupriavidus metallidurans

Sphingomonas paucimobilis
Escherichia coli
Cutibacterium acnes

Severe acute respiratory syndrome-related coronavirus
Burkholderia pseudomallei

NotAnnotated

RG1

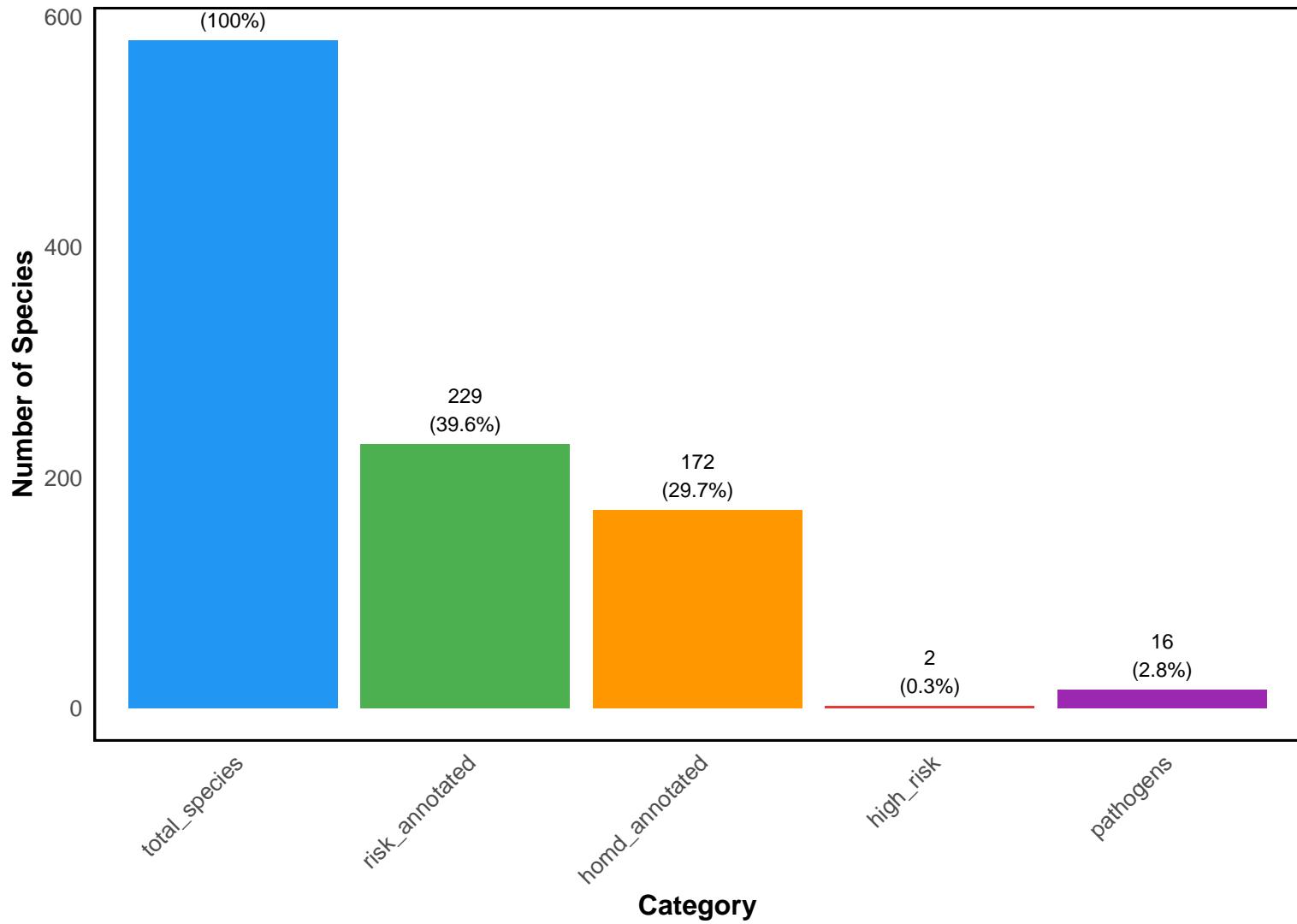
RG2

RG3

RG4

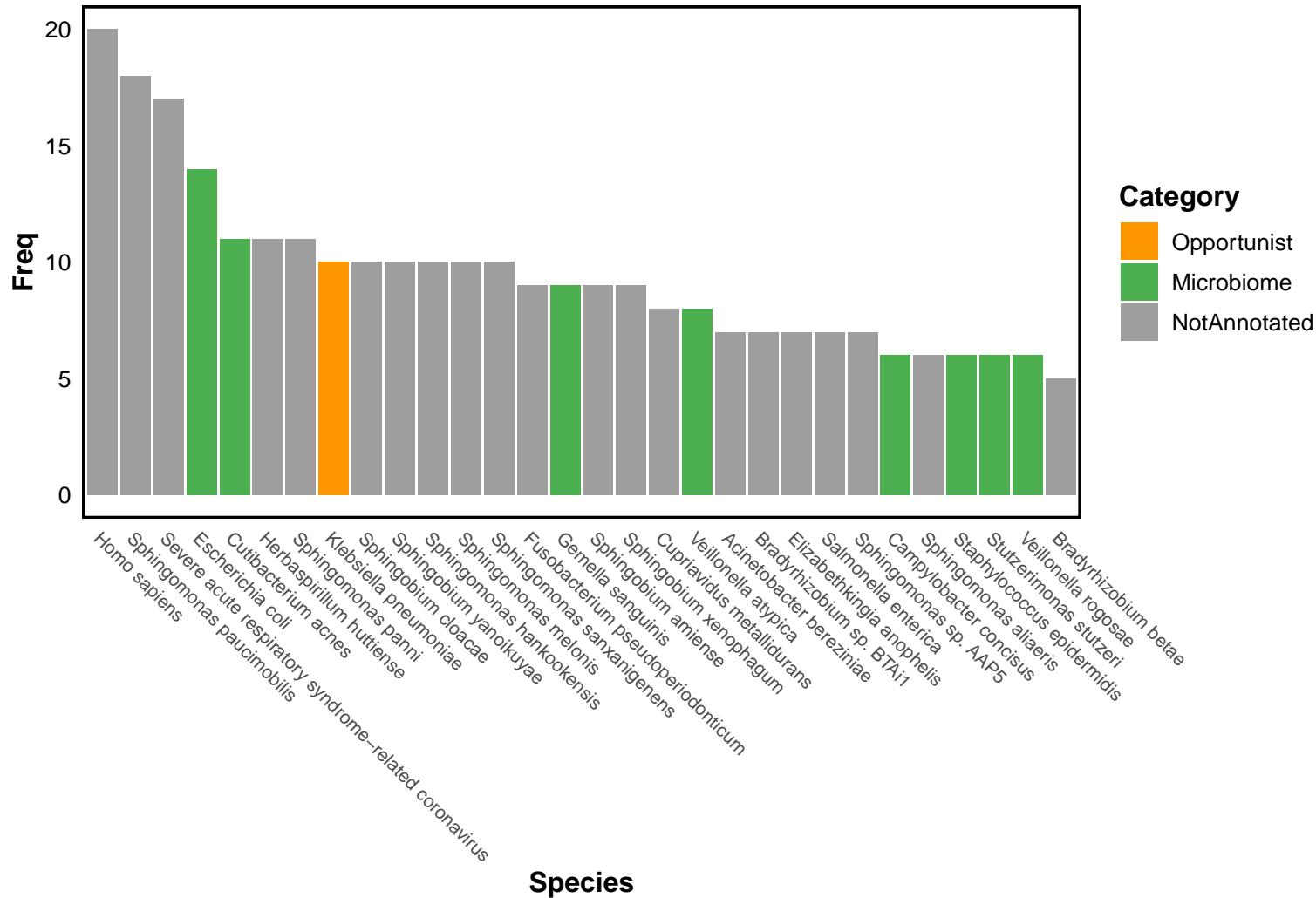
Risk Group

Species Annotation Summary – All Samples



Species by HOMD Category – All Samples

Top 30 species by Freq



Species by Risk Group – All Samples

Top 30 species by Freq

