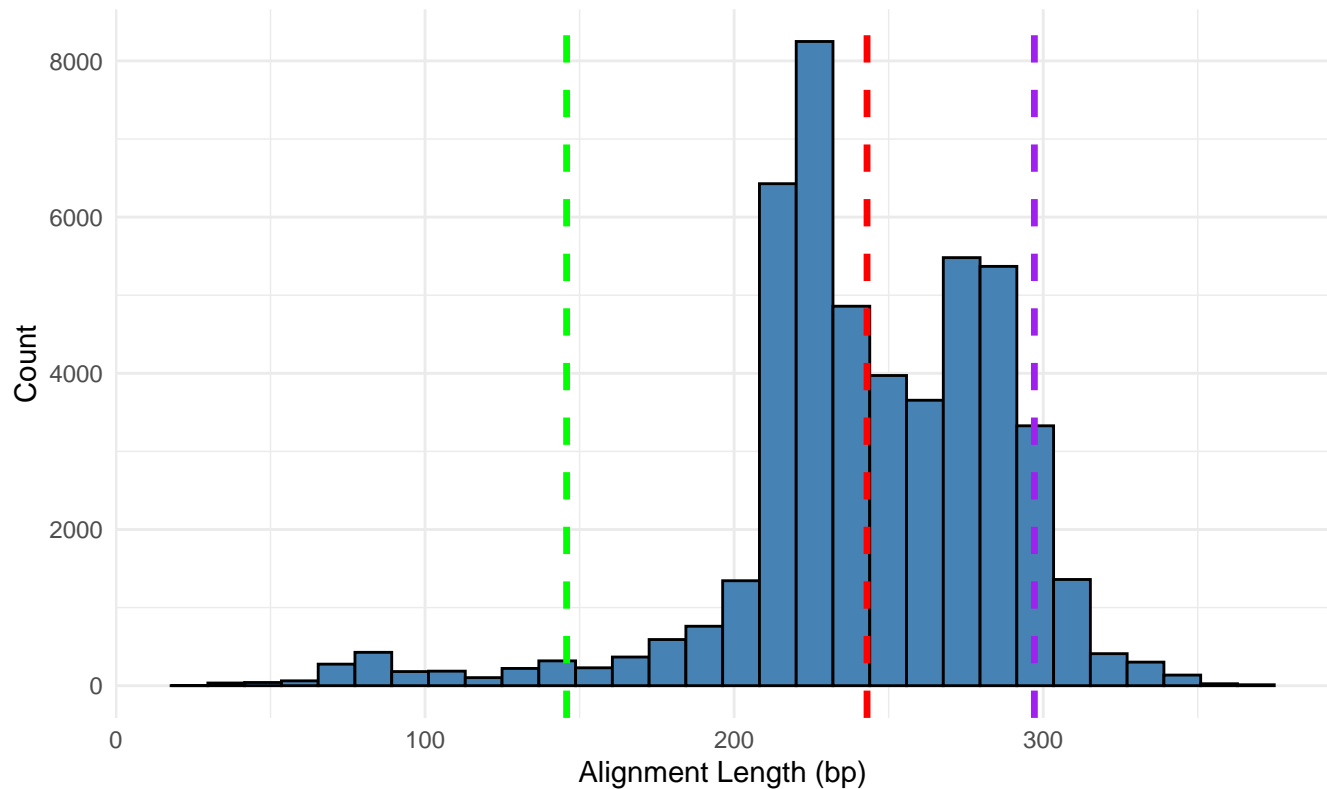


# Distribution of Alignment Lengths in User Provided BLAST Results

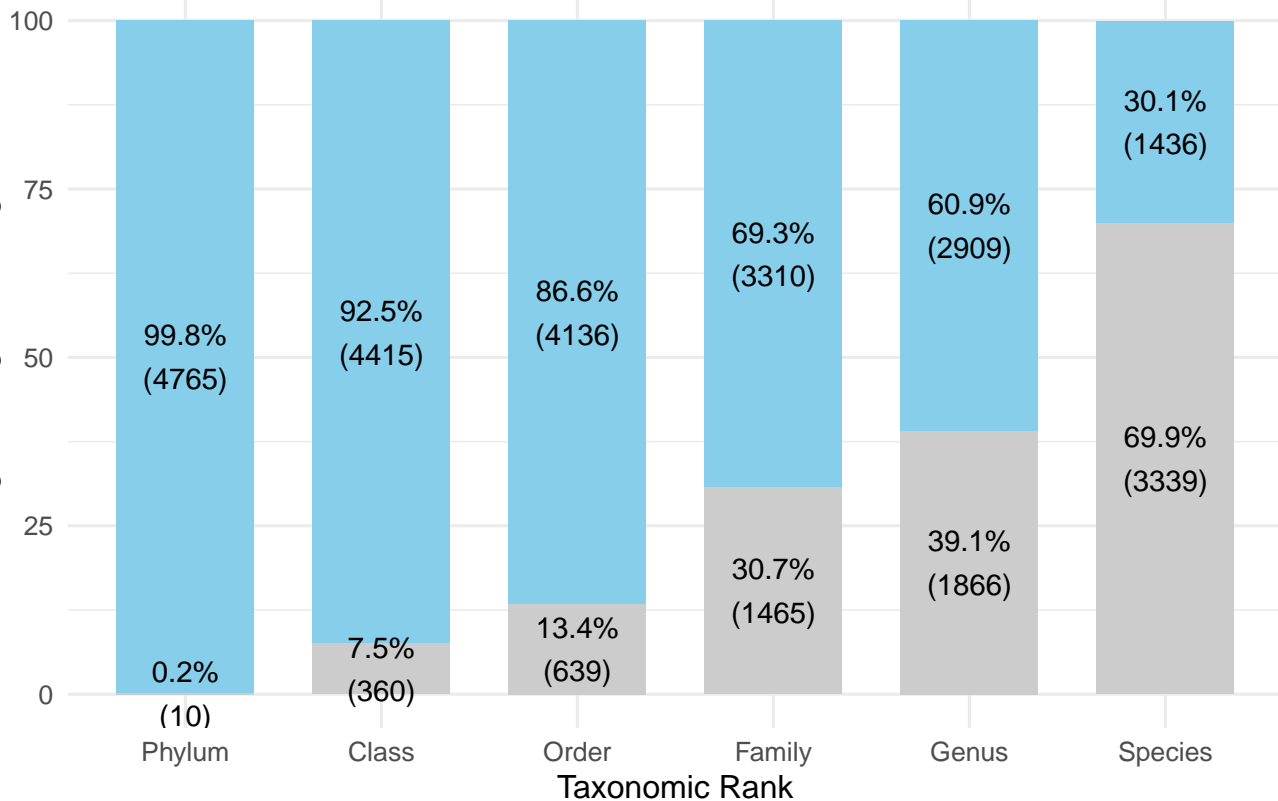
Reference Line    Alignment Cutoff Applied    Mean FASTA length    Median BLAST Alignment length



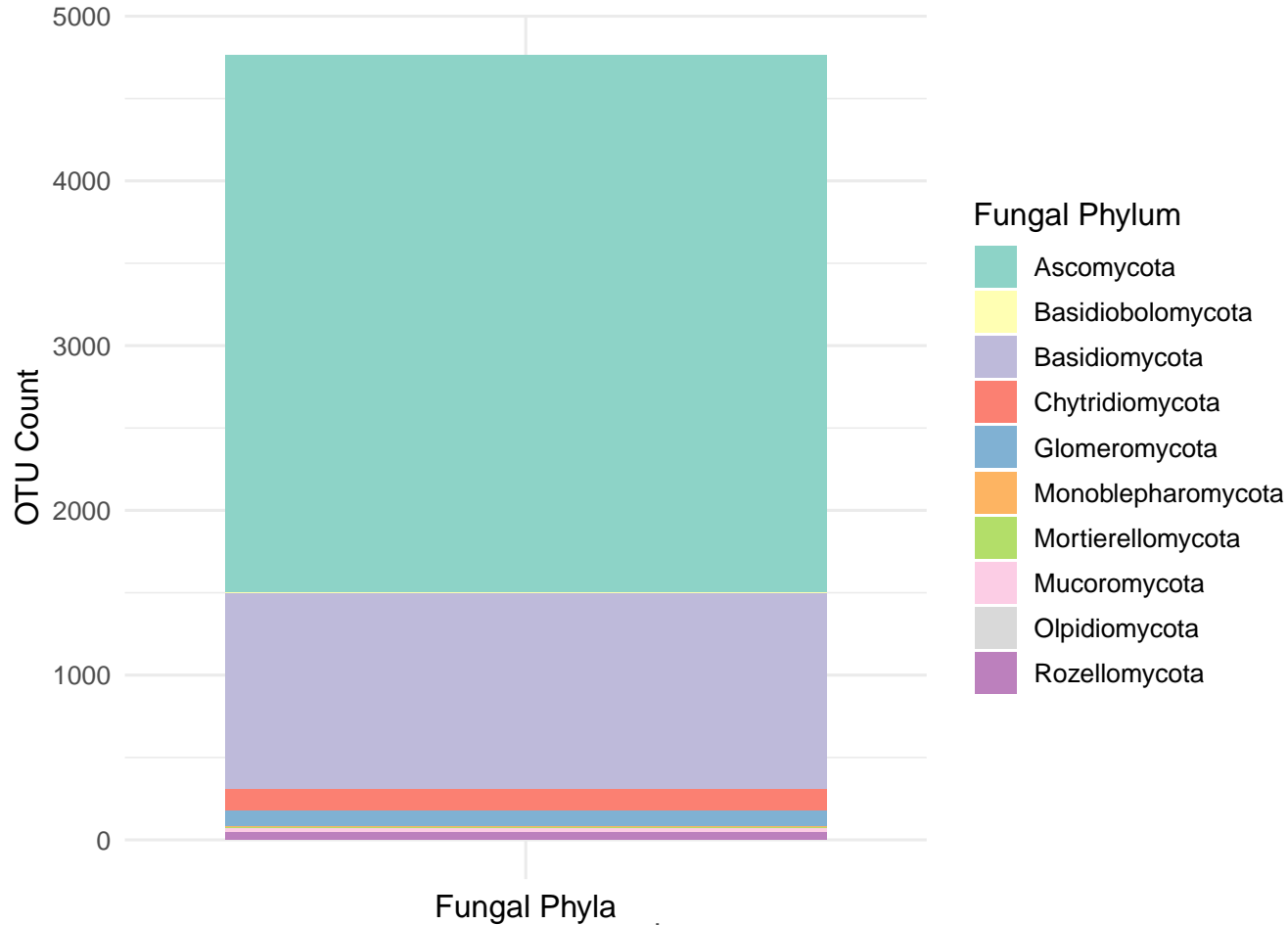
| Step                                 | Count        |
|--------------------------------------|--------------|
| # of OTUs in Representative Sequence | 5175 (100%)  |
| # of OTUs pass quality check         | 5030 (97.2%) |
| OTUs assigned to fungal kingdom      | 4775 (92.3%) |
| OTUs assigned to fungal phylum       | 4765 (92.1%) |
| OTUs assigned to fungal class        | 4415 (85.3%) |
| OTUs assigned to fungal order        | 4136 (79.9%) |
| OTUs assigned to fungal family       | 3310 (64%)   |
| OTUs assigned to fungal genus        | 2909 (56.2%) |
| OTUs assigned to fungal species      | 1436 (27.7%) |

Summary of each major assingment step

Percentage of kingdom=Fungi OTUs



Assigned Unassigned



| Rank    | Unique Count |
|---------|--------------|
| Phylum  | 10           |
| Class   | 43           |
| Order   | 152          |
| Family  | 388          |
| Genus   | 967          |
| Species | 1275         |

Table of unique fungal taxa per rank