

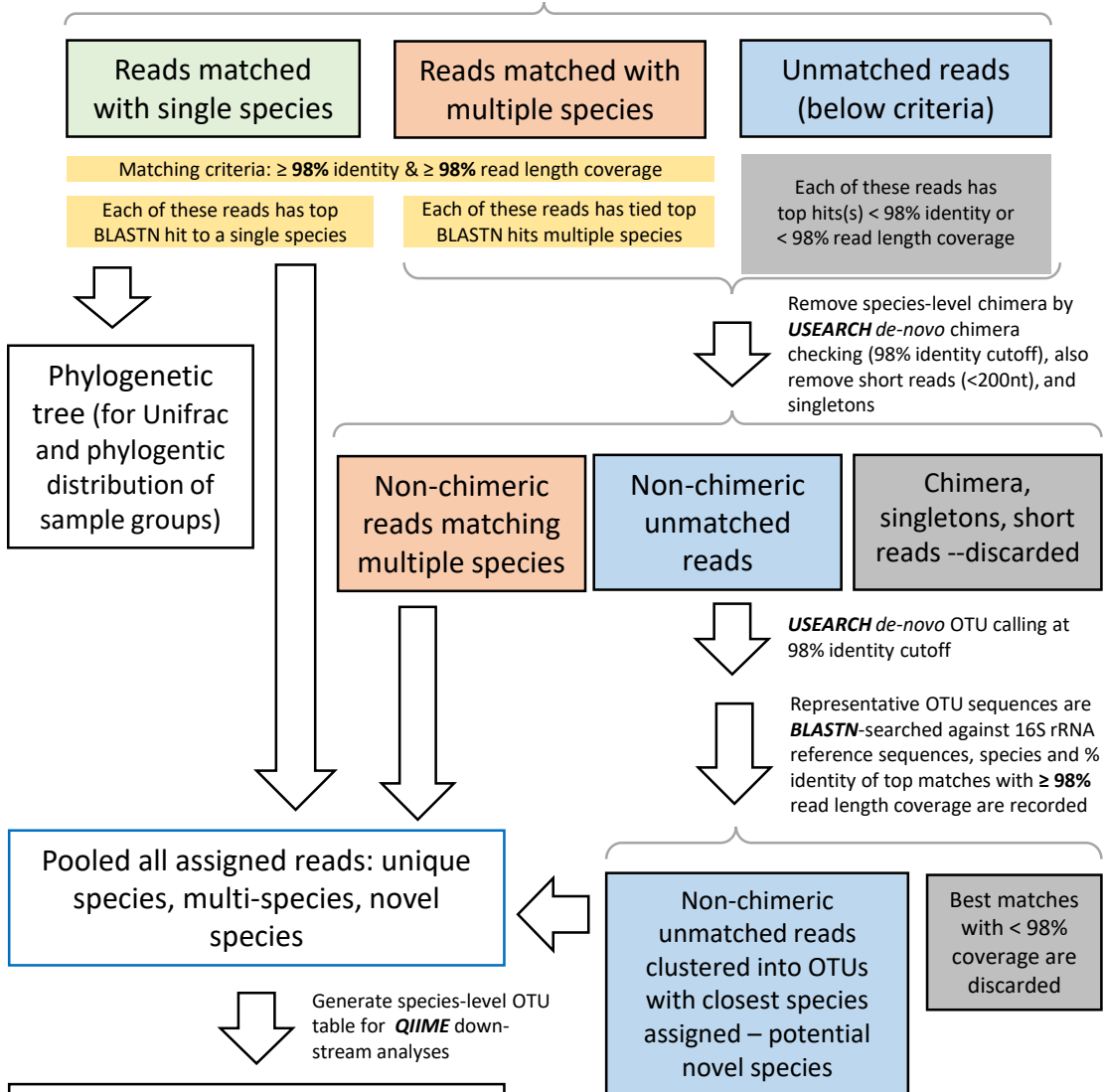
Species –Level Open Reference Taxonomy Assignment for NGS 16S rRNA Reads

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† DADA2 includes quality filtering, trimming, merging (overlapped paired reads) or concatenation (non-overlap reads), and chimera removal at variant level.

BLASTN search against
16S rRNA reference sequences*



QIIME analyses are done with different species abundance levels, from 1 (All), 10 (MC10), and 100 (MC100) minimal read count (MC) per species

The 16S rRNA reference sequences include:

- HMT RefSeq V15.1: 998 sequences
- HOMD RefSeq Extended V1.11: 151 sequences
- GreenGeneGold V1: 2,623 sequences;
- NCBI 16S rRNA Reference: 18,044 sequences

Total unique sequences: 21,816
Total species: 14,651
Note: In this version sequences < 1000nt have been removed.