

# Prokaryotes Phylogenetics Explorer [nuc]

LBBE UMR5558 Université Lyon1-CNRS

## Global Parameters

Bank Selection

TRECS\_16SrRNA.fst

X

▼

Nb seqs

17

30

35

40

45

50

55

60

65

70

75

## Query

sequence fasta ?

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>GCF\_004329815.1 Flavobacterium\_silvisoli~RTEU~GCF\_004329815.1=Bacteria-Bacteroidota-Flavobacteriia-Flavobacteriales-Flavobacteriaceae-Flavobacterium-Flavobacterium\_silvisoli  
ACGATGAAGAGTTTGATCCTGGCTCAGGATGAACGCTAGCGGCAGGCCTAACACATGCAAGTCGAGGG  
GTAGAAGTTACTTGTAACCTTGAGACCGGCGCACGGGTGCGTAACGCGTATGCAACCTACCTTTTACAG  
GGGAATAGCCCAGAGAAATTTGGATTAATGCCCCATGGTATATTCGAATGGCATCATTTGATTATTAAAGTT  
CCAACGGTAAAAGATGGGCATGCGTCCTATTAGCTAGATGGTAAGGTAACGGCTTACCATGGCTACGAT

SUBMIT

CLEAR

Process info: Tree available

## Blast against DB: TRECS\_16SrRNA.fst

| BLAST  |        |        |
|--|--------|--------|
| Species ▲  | Scores | Evalue |
| Flavobacterium_silvisoli~RTEU~GCF_004329815.1    | 1439   | 0.0    |
| Flavobacterium_cheonhonense~RTU~GCF_035671315.1  | 1267   | 0.0    |
| Flavobacterium_cheonhonense~TS~GCF_039539085.1   | 1267   | 0.0    |
| Flavobacterium_dankookense~RTES~GCF_004362665.1  | 1258   | 0.0    |
| Flavobacterium_phycosphaerae~RTU~GCF_010119235.1 | 1242   | 0.0    |
| Records per page: 5 ▼ 1-5 of 29  < < > >         |        |        |

## Collected sequences

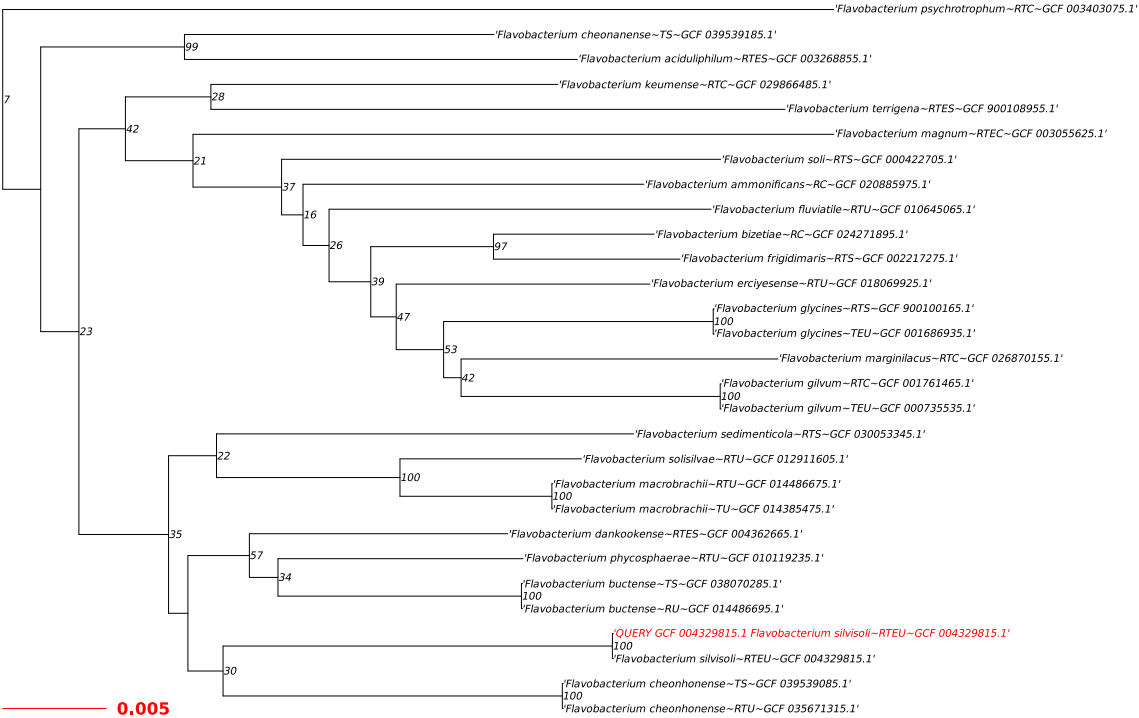
Aligned sequences

Trimmed Alignment

Selected Slice of Trimmed Alignment

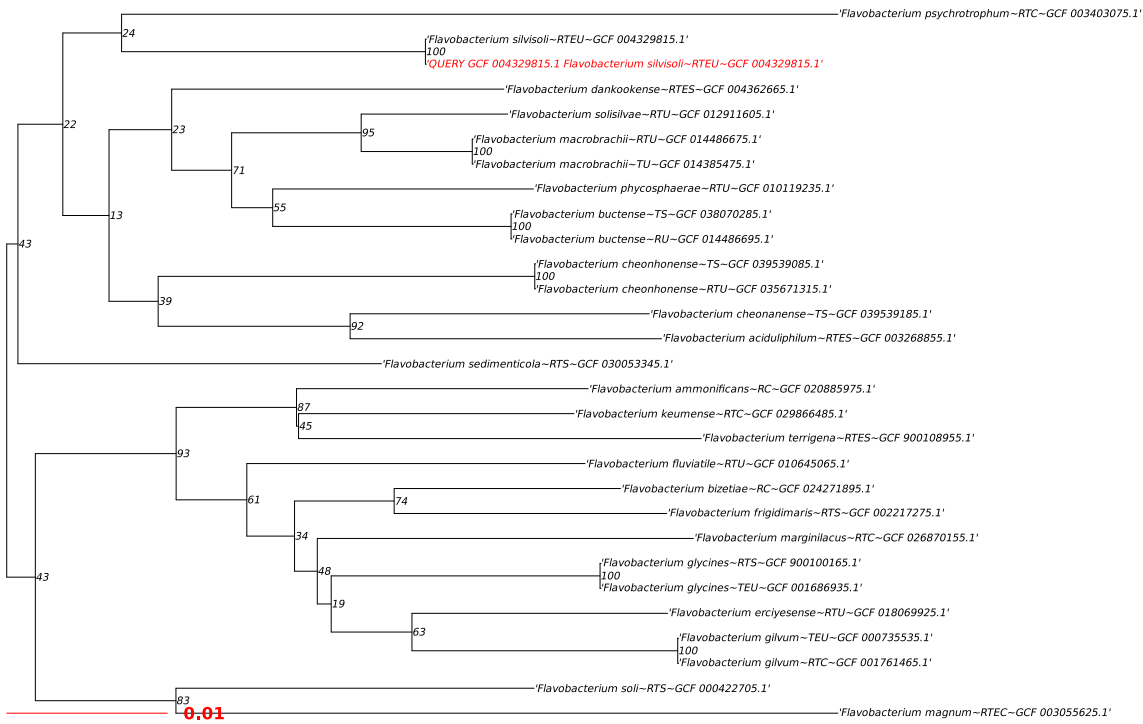
Slice 1% - 51%

Whole Trimmed Alignment : Phylogenetic reconstruction



Selected Slice of Trimmed Alignment : Phylogenetic reconstruction

Slice 1% - 51%



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