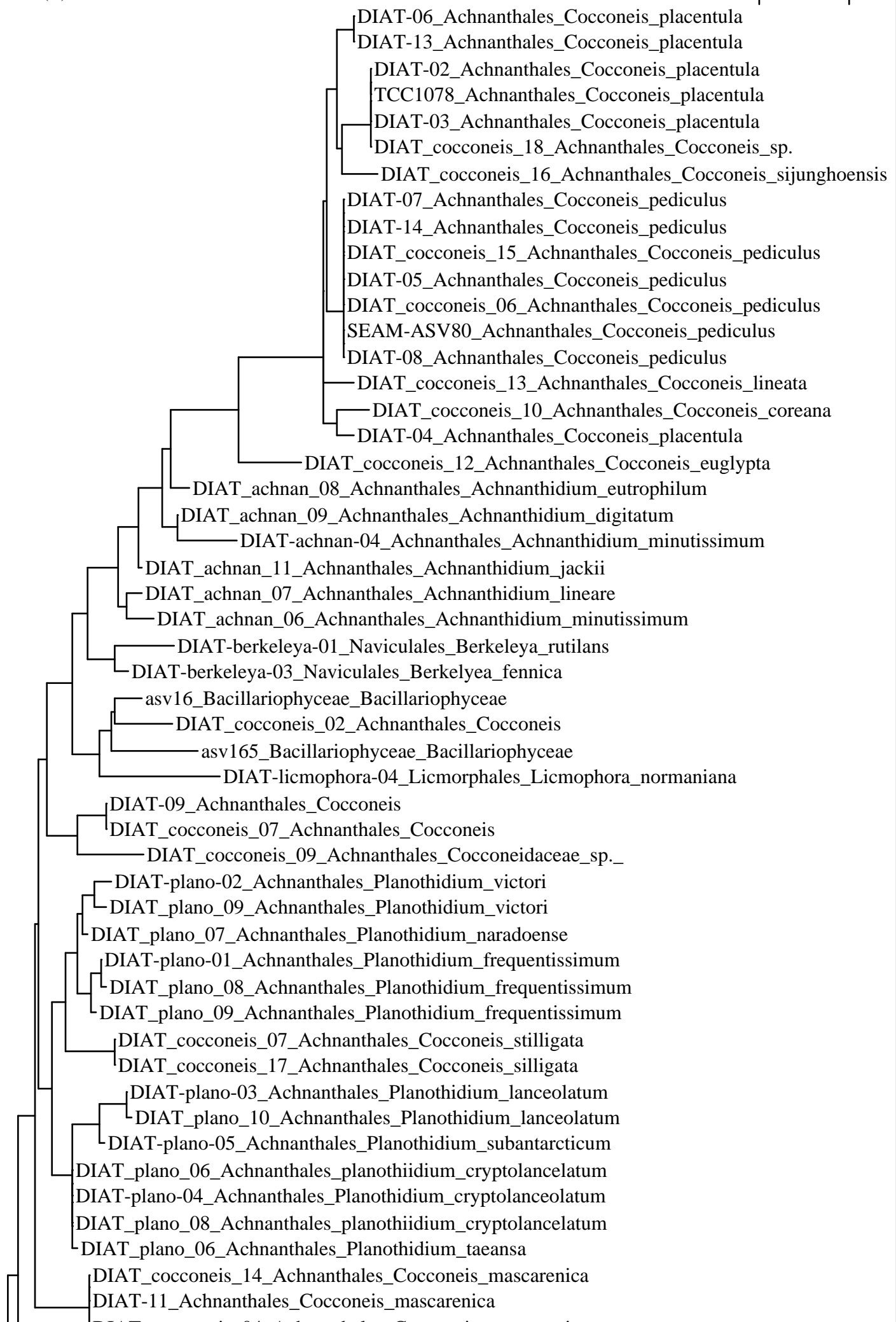
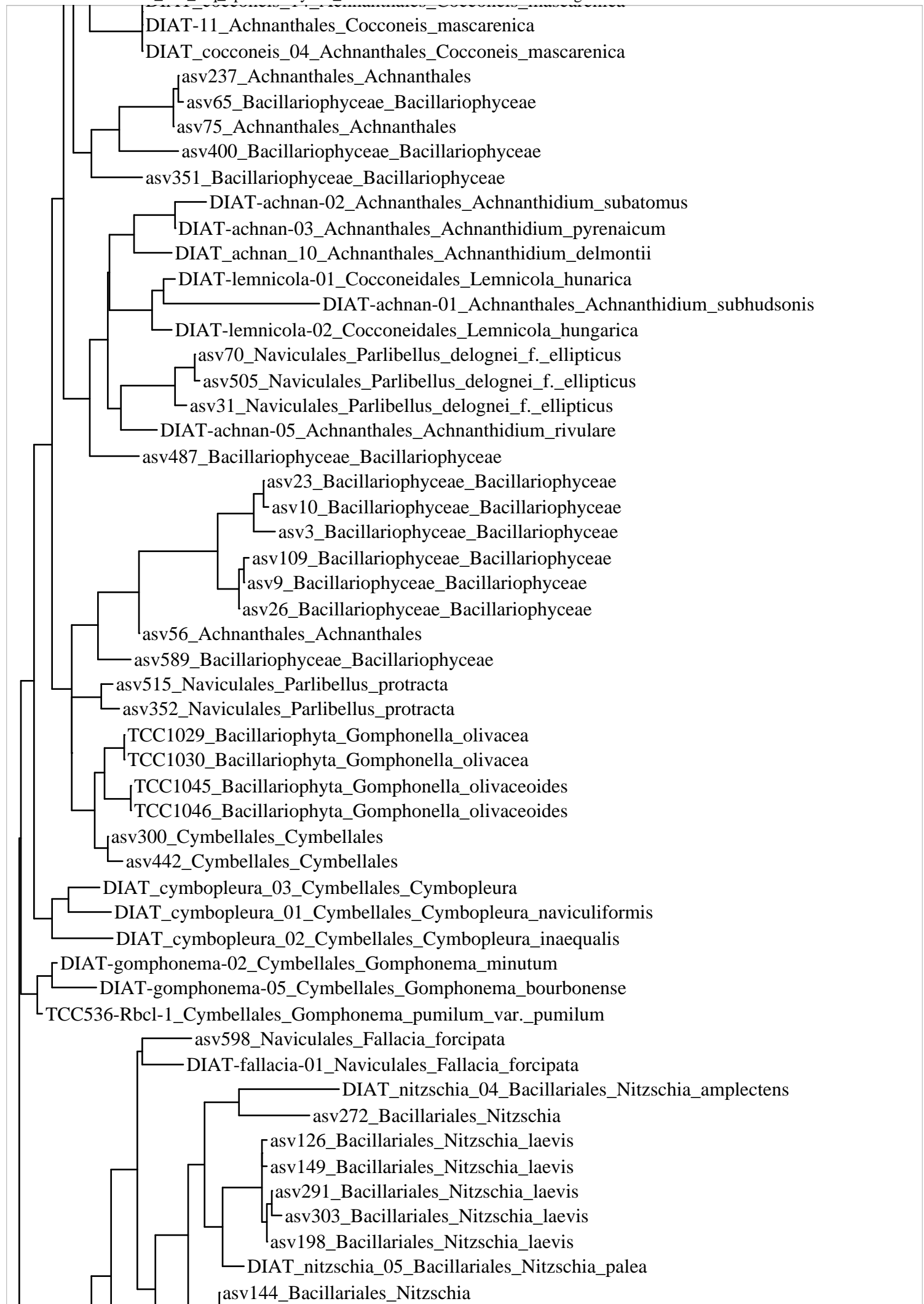
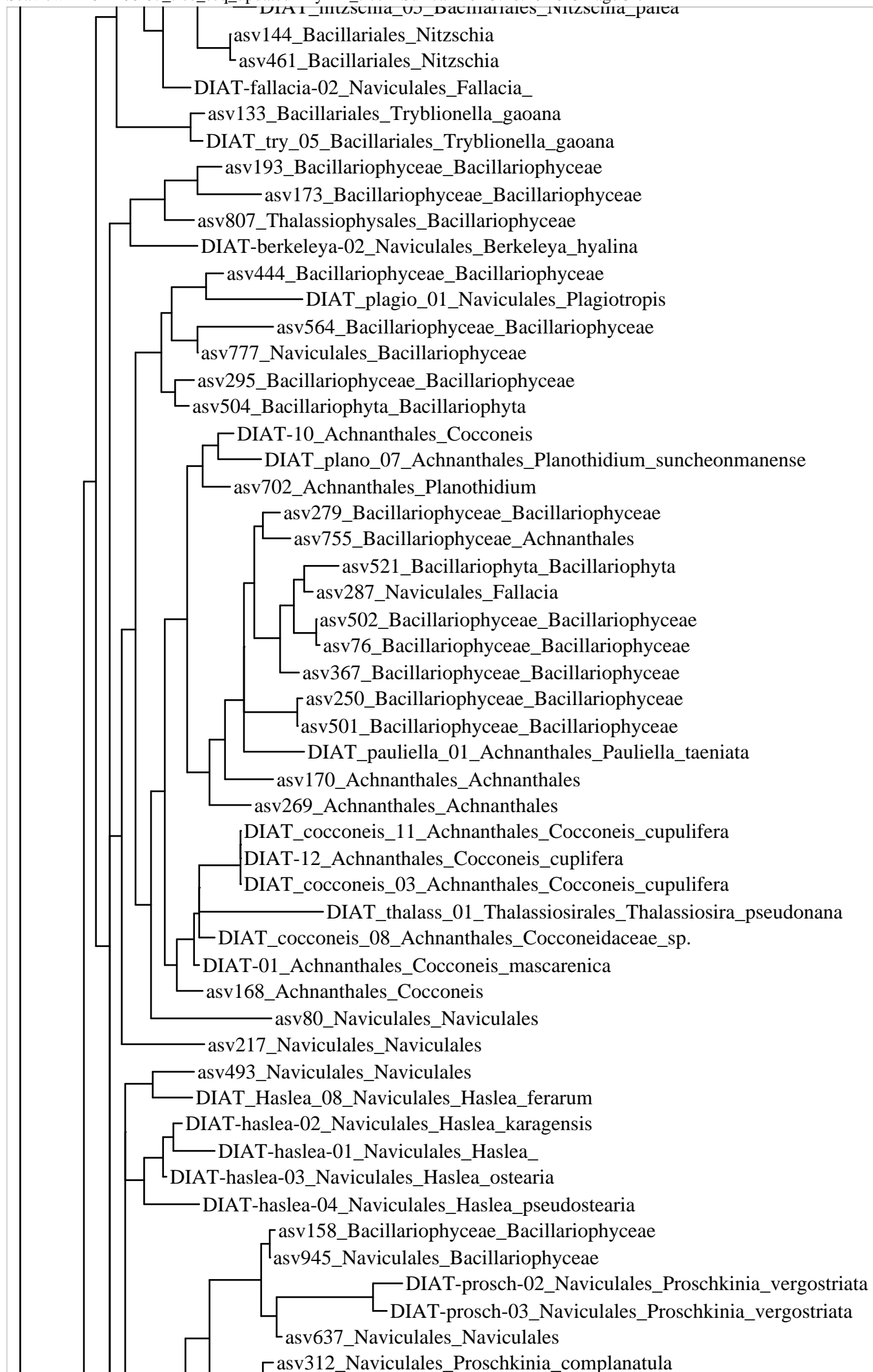


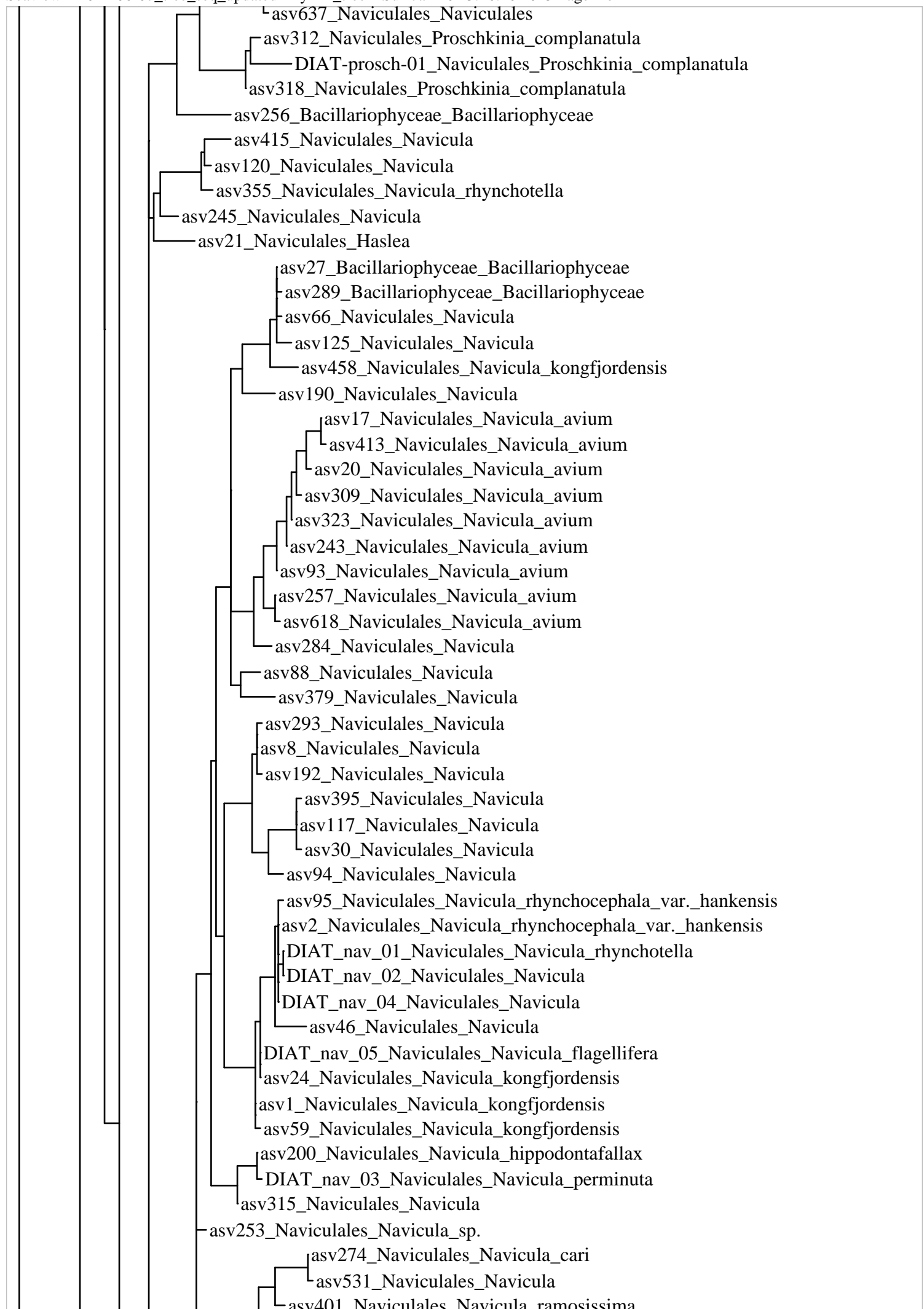
PhyML ln(L)=-21235.9 1489 sites GTR 4 rate classes

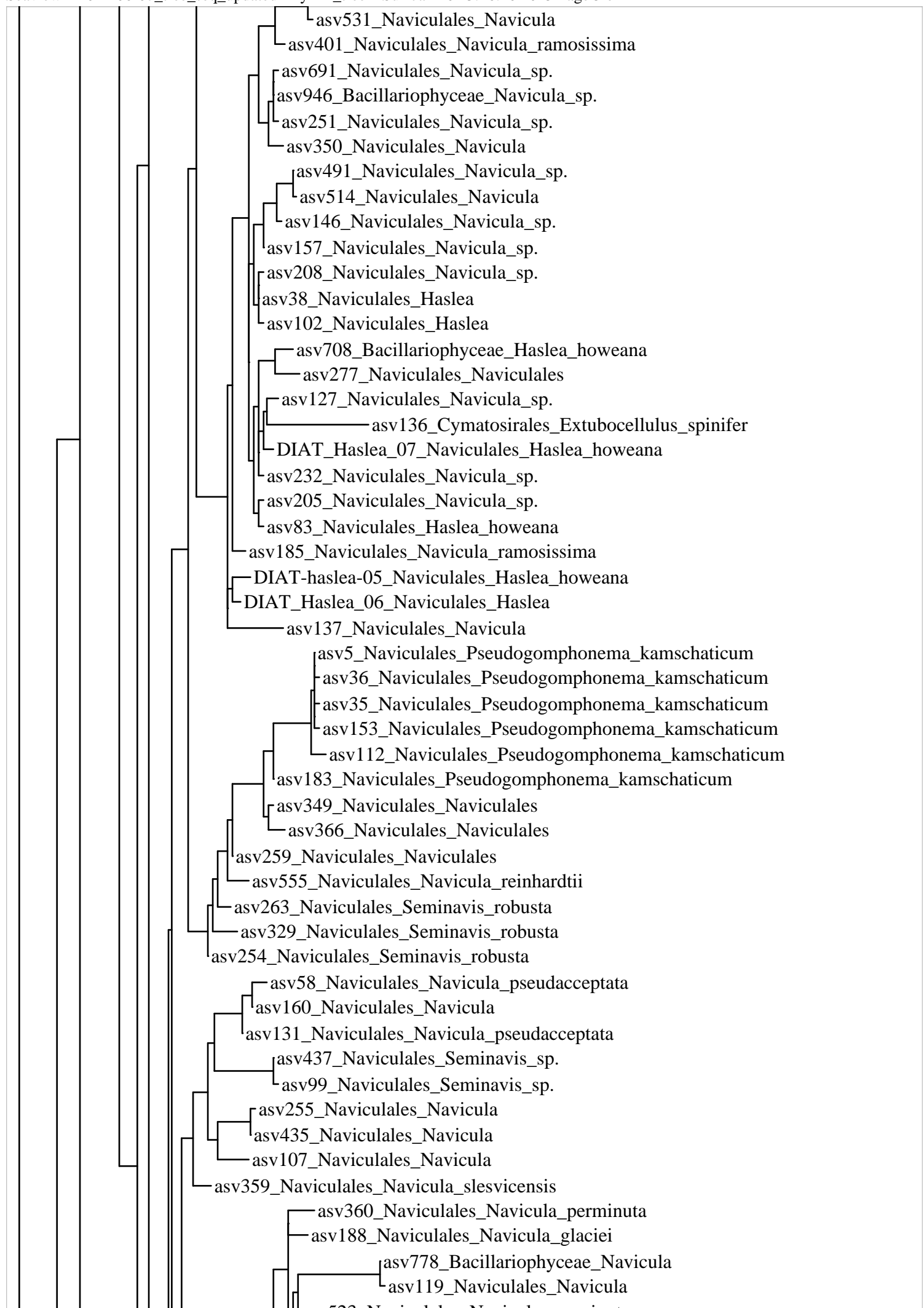
0.1

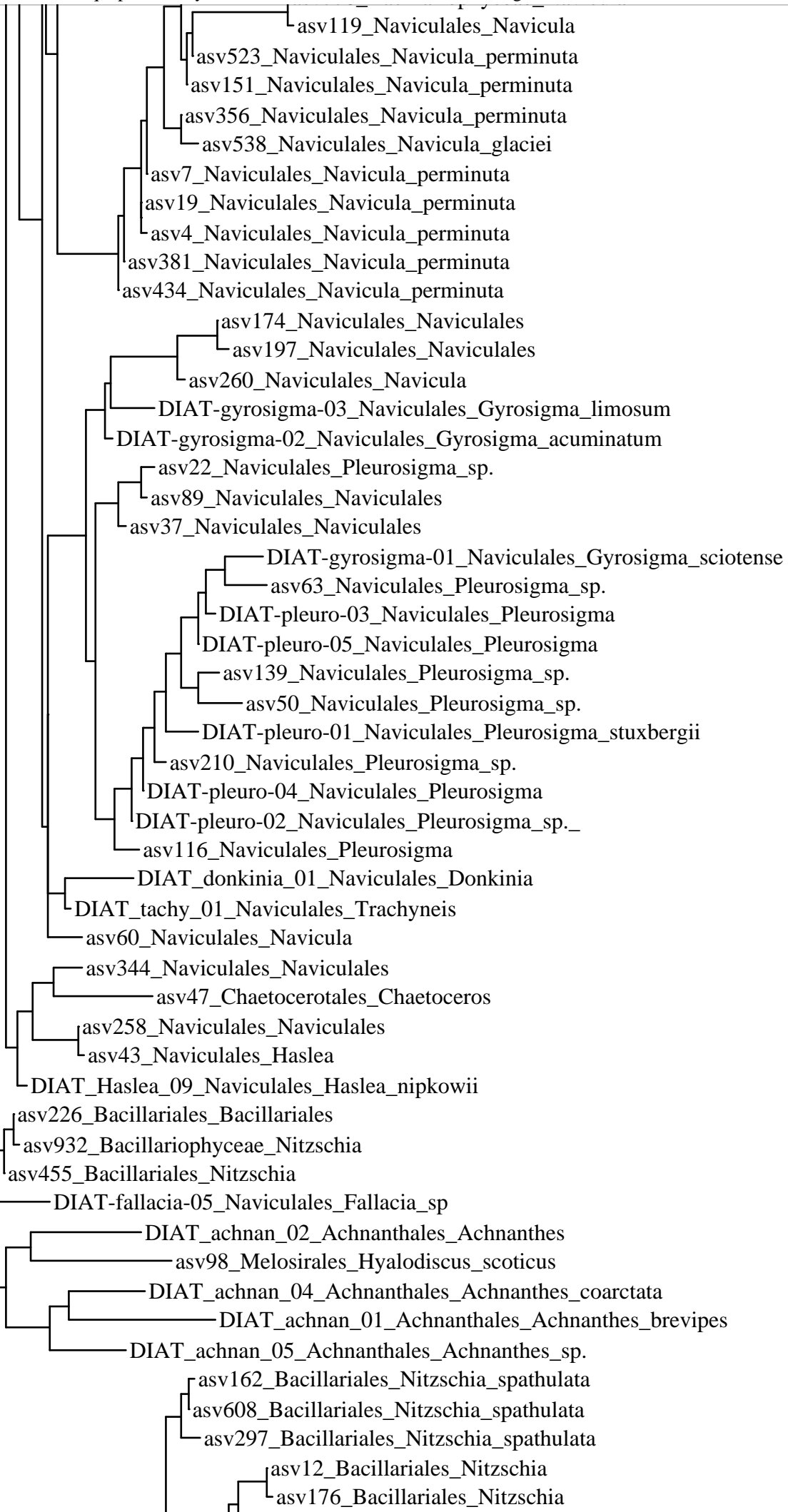


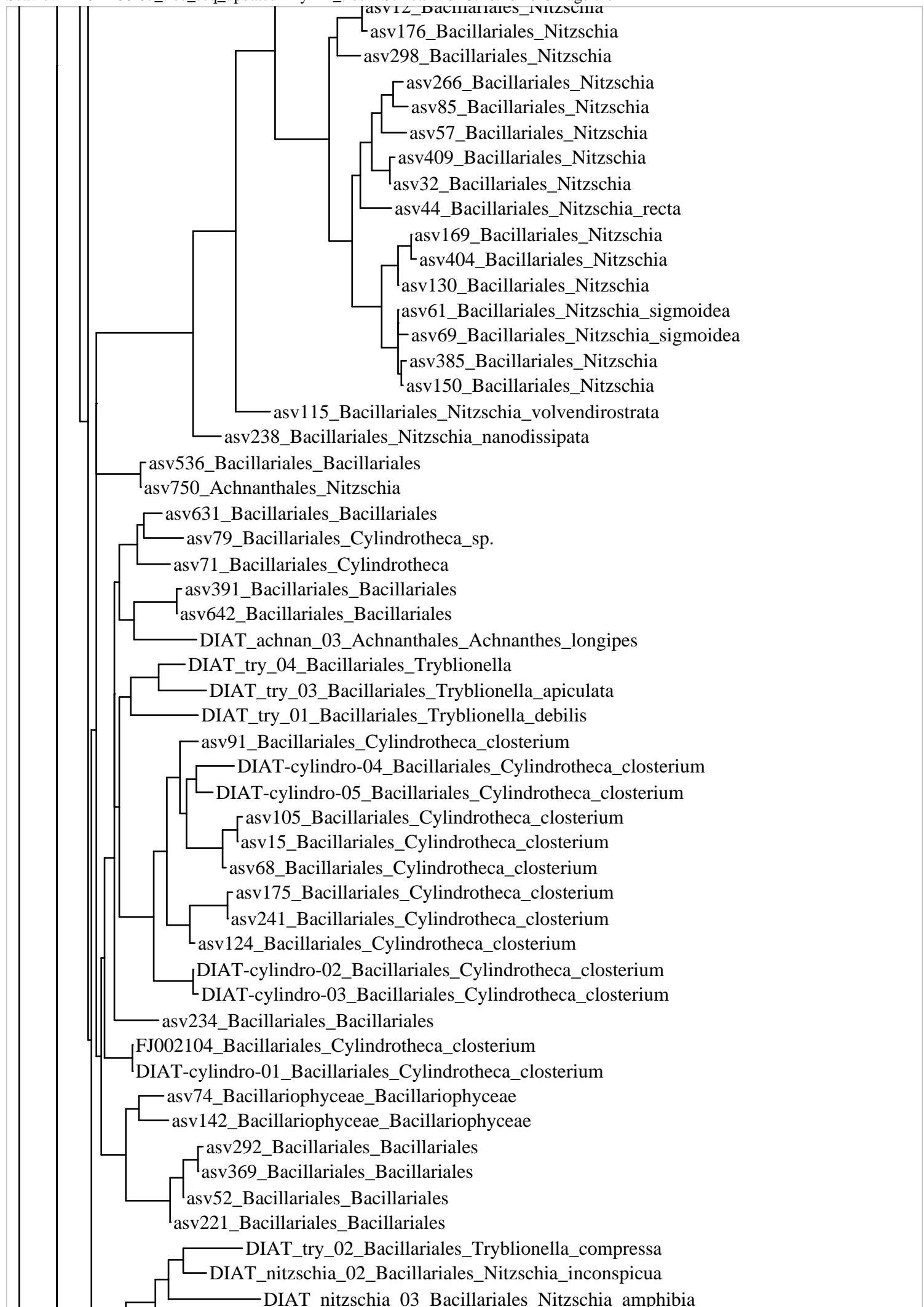


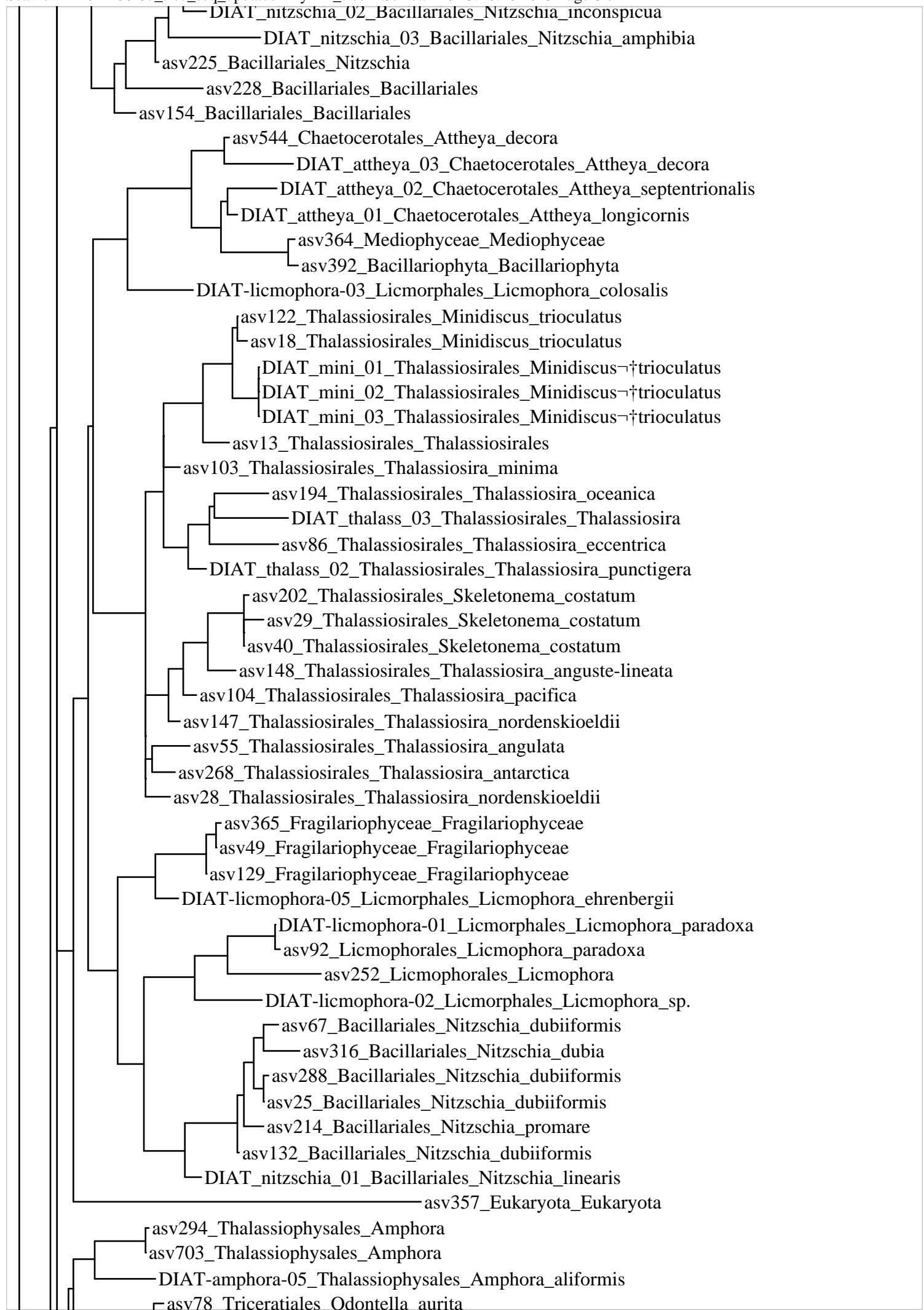


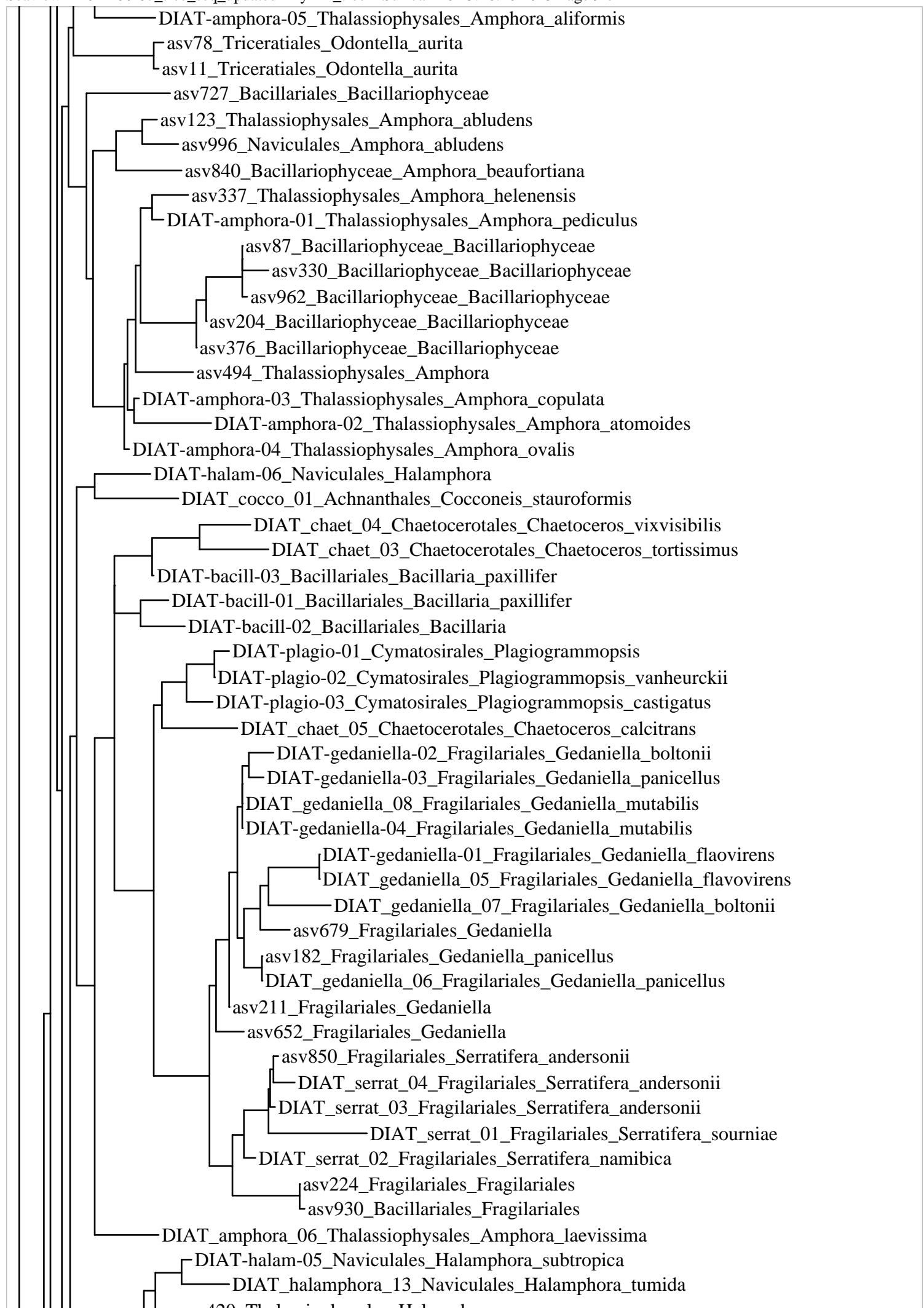


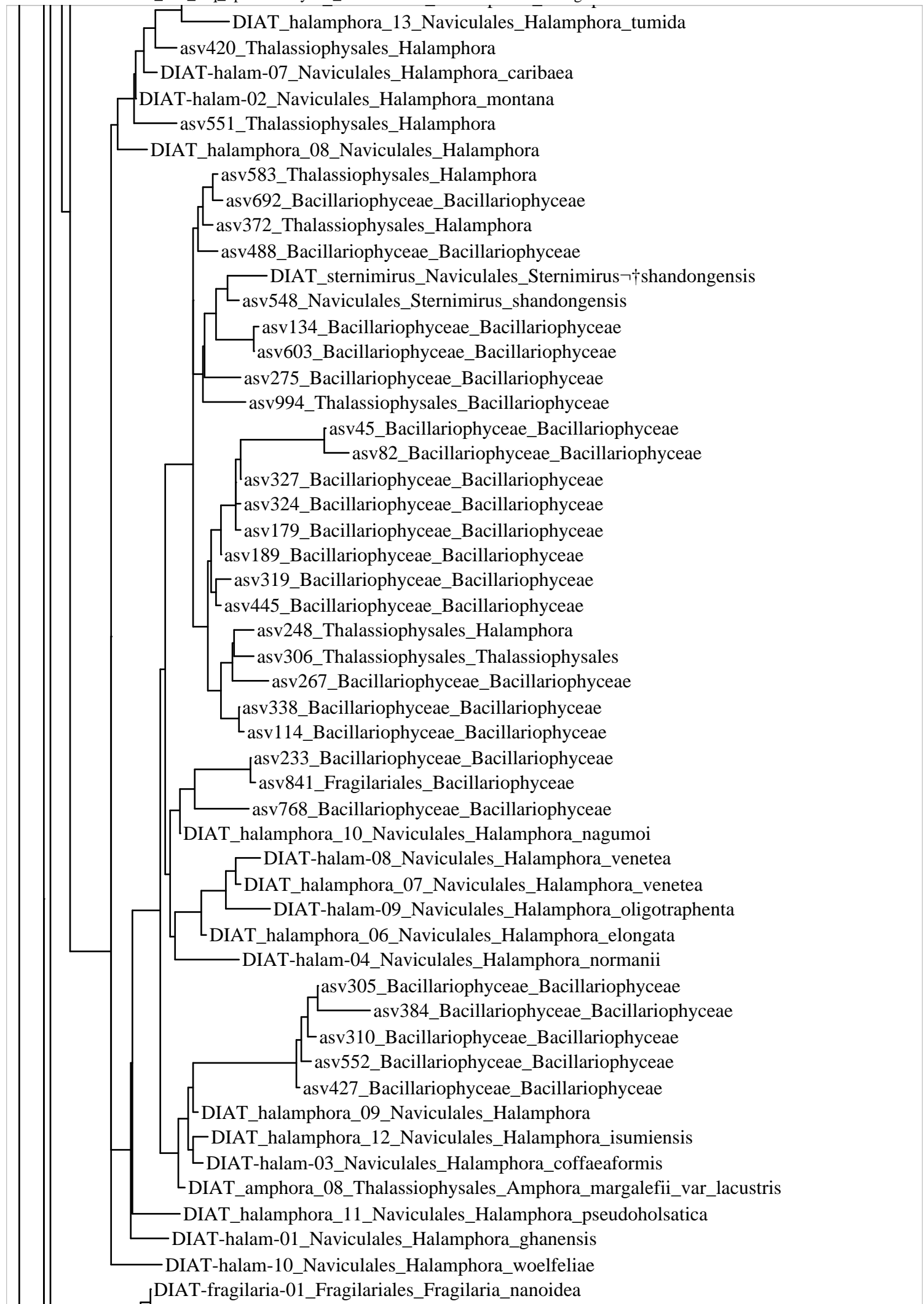












DIAT-fragilaria-10_Fragilariales_Fragilaria_woehnerae

DIAT-fragilaria-01_Fragilariales_Fragilaria_nanoidea

DIAT-fragilaria-02_Fragilariales_Fragilaria_gracilis

DIAT-fragilaria-05_Fragilariales_Fragilaria_heatherae

DIAT-fragilaria-04_Fragilariales_Fragilaria_agnesiae

DIAT-fragilaria-03_Fragilariales_Fragilaria_perminuta

DIAT-pinnularia-01_Naviculales_Pinnularia_borealis

asv219_Fragilariophyceae_Fragilariophyceae

DIAT-rhab-01_Rhabdonematales_Rhabdonema

DIAT-rhab-03_Rhabdonematales_Rhabdonema_adriaticum

DIAT-rhab-02_Rhabdonematales_Rhabdonema_adriaticum

asv101_Bacillariophyta_Bacillariophyta

asv42_Bacillariophyta_Bacillariophyta

DIAT-tabu-03_Licmorphales_Tabularia_laevis

DIAT-tabu-02_Licmorphales_Tabularia_tabulata

DIAT-tabu-01_Licmorphales_Tabularia_tabulata

FJ002156_Licmorphales_Tabularia_tabulata

asv54_Fragilariales_Tabularia_tabulata

DIAT-tabu-04_Licmorphales_Tabularia_gailonii

DIAT_diplo_02_Naviculales_Diploneis_smithii

asv231_Naviculales_Diploneis

DIAT_diplo_01_Naviculales_Diploneis_subovalis

DIAT_diplo_03_Naviculales_Diploneis_sp

DIAT_chaet_02_Chaetocerotales_Chaetoceros_convolutus

outgroup__Bolidomonas

DIAT_chaet_01_Chaetocerotales_Chaetoceros_danicus

DIAT_sellaphora_02_Naviculales_Sellaphora_saugerresii

DIAT-fallacia-03_Naviculales_Fallacia_mooculata

DIAT_sellaphora_03_Naviculales_Sellaphora_pupula

DIAT_sellaphora_01_Naviculales_Sellaphora_nigri

asv227_Bacillariophyta_Bacillariophyta

asv632_Naviculales_Naviculales

DIAT-fallacia-04_Naviculales_Fallacia_pygamaea

DIAT_amphora_07_Thalassiophysales_Amphora_commutata

asv51_Thalassiophysales_Amphora_sulcata

DIAT_amphora_09_Thalassiophysales_Amphora_sulcata

asv81_Thalassiophysales_Amphora_lineolata

DIAT_amphora_10_Thalassiophysales_Amphora_politca

DIAT-gomphonema-03_Cymbellales_Gomphonema_parvulum

DIAT-gomphonema-01_Cymbellales_Gomphonema_longissimum

DIAT-gomphonema-04_Cymbellales_Gomphonema_lagenula

TCC428-Rbcl-1_Bacillariophyta_Gomphonema_parvulum

TCC426-Rbcl-1_Bacillariophyta_Gomphonema_parvulum

DIAT_phaeo_01_Naviculales_Phaeodactylum_tricornutum

asv261_Bacillariophyceae_Bacillariophyceae

asv128_Bacillariophyceae_Bacillariophyceae

DIAT-pinnularia-05_Naviculales_Pinnularia_parvulissima

DIAT-pinnularia-03_Naviculales_Pinnularia_microstauron

DIAT-pinnularia-02_Naviculales_Pinnularia_subgibba

DIAT-pinnularia-04_Naviculales_Pinnularia_anglica

DIAT-gompho-02_Cymbellales_Gomphonemopsis_pseudoexigua

DIAT-gompho-01_Cymbellales_Gomphonemopsis