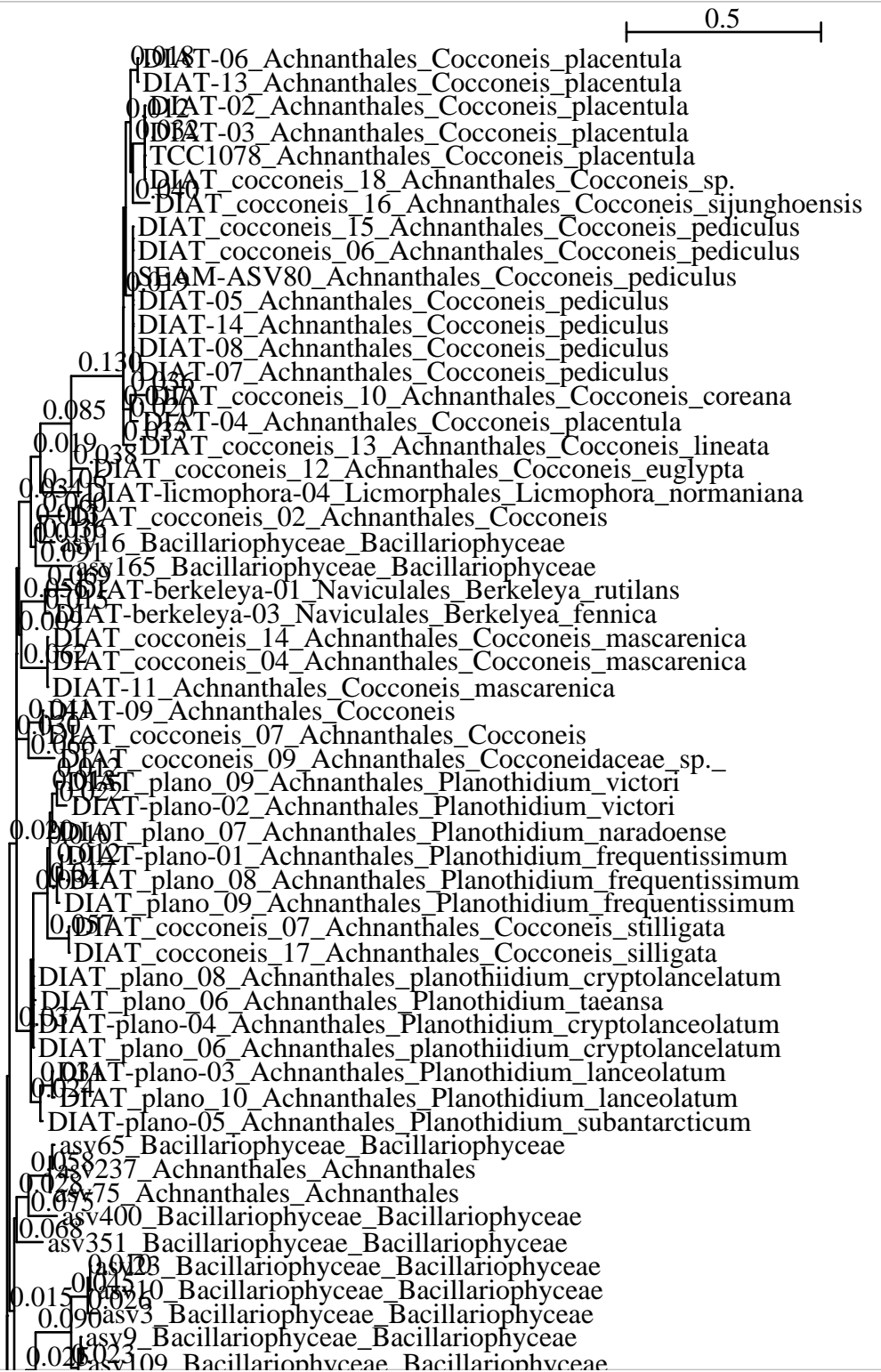
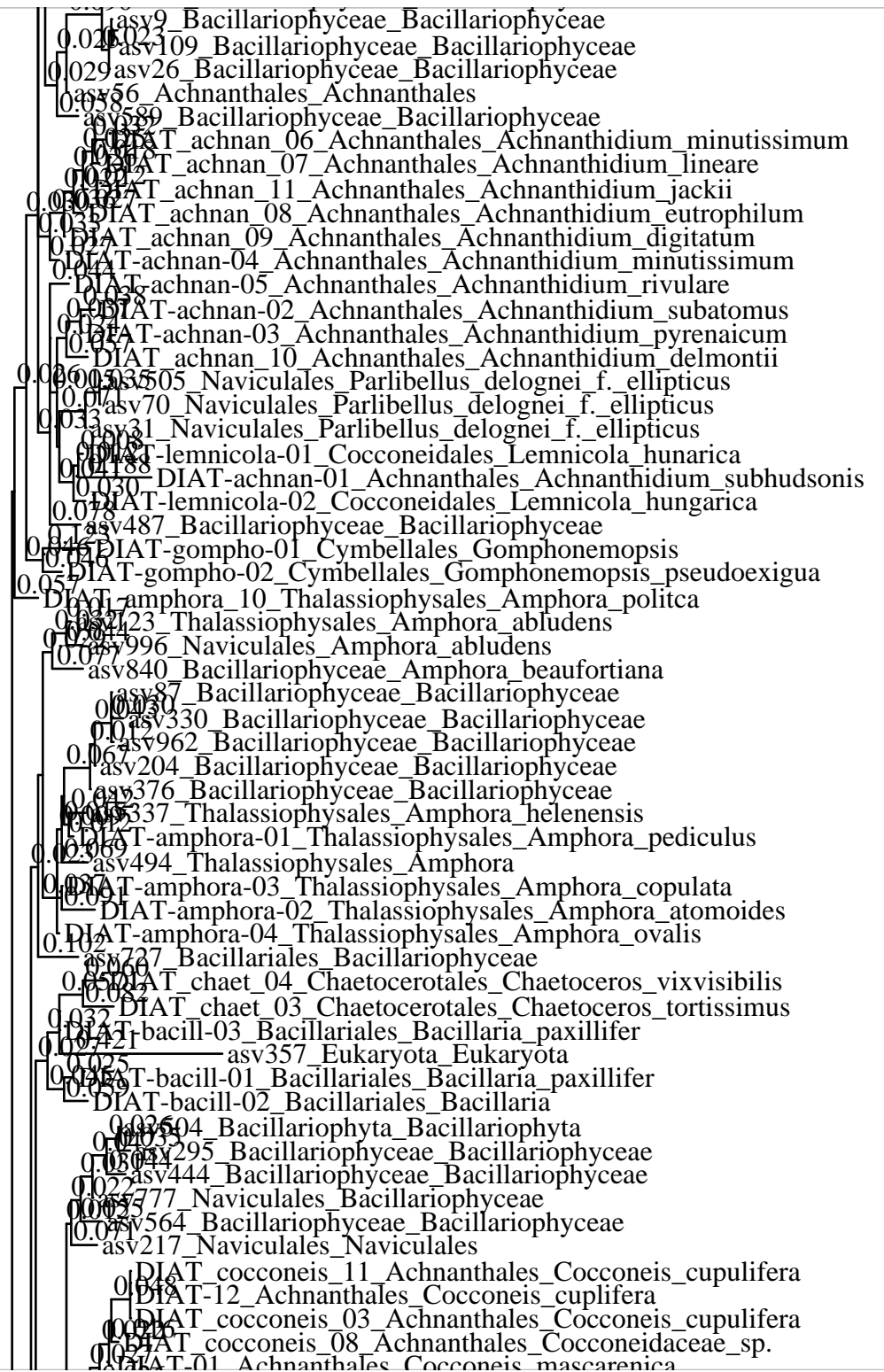
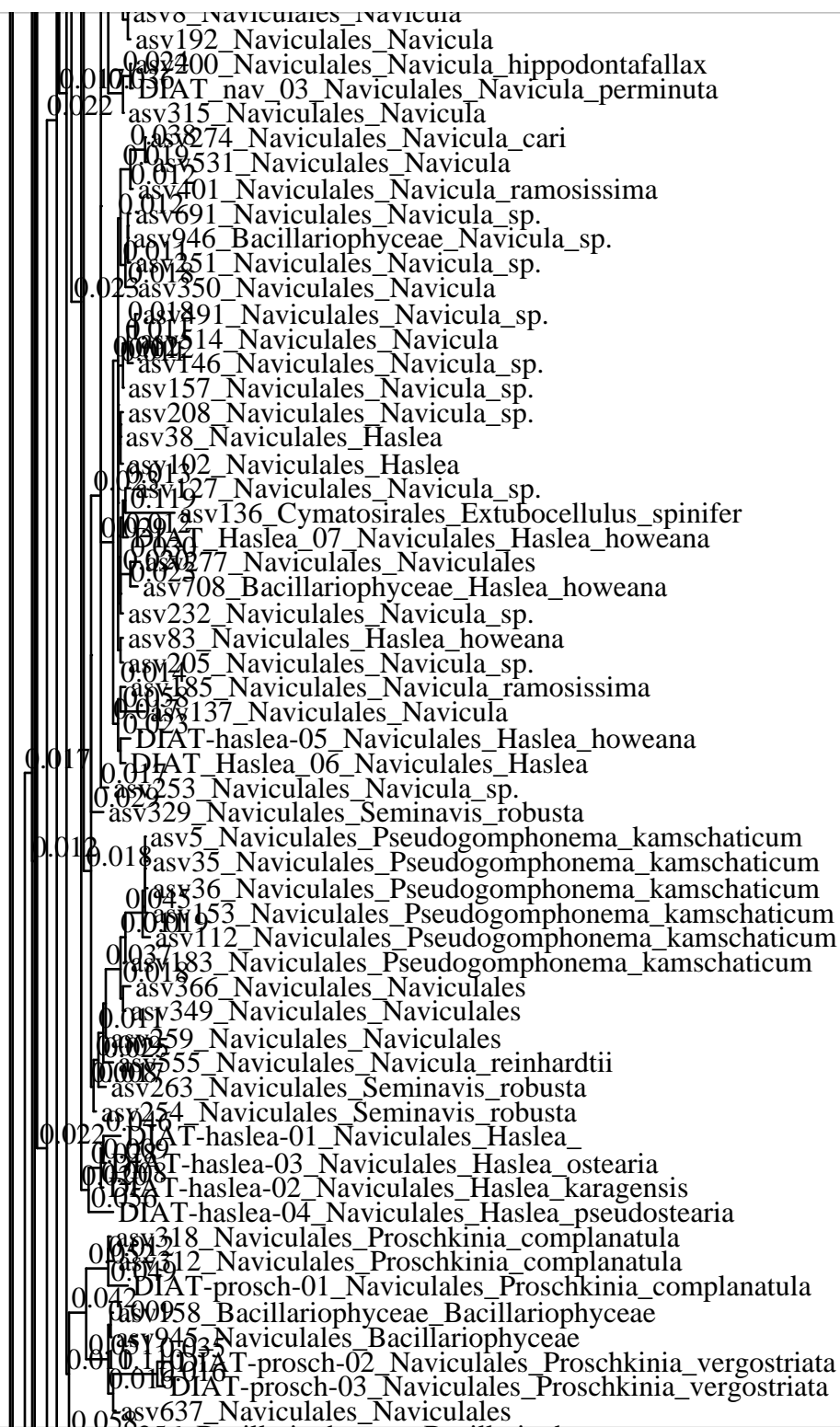


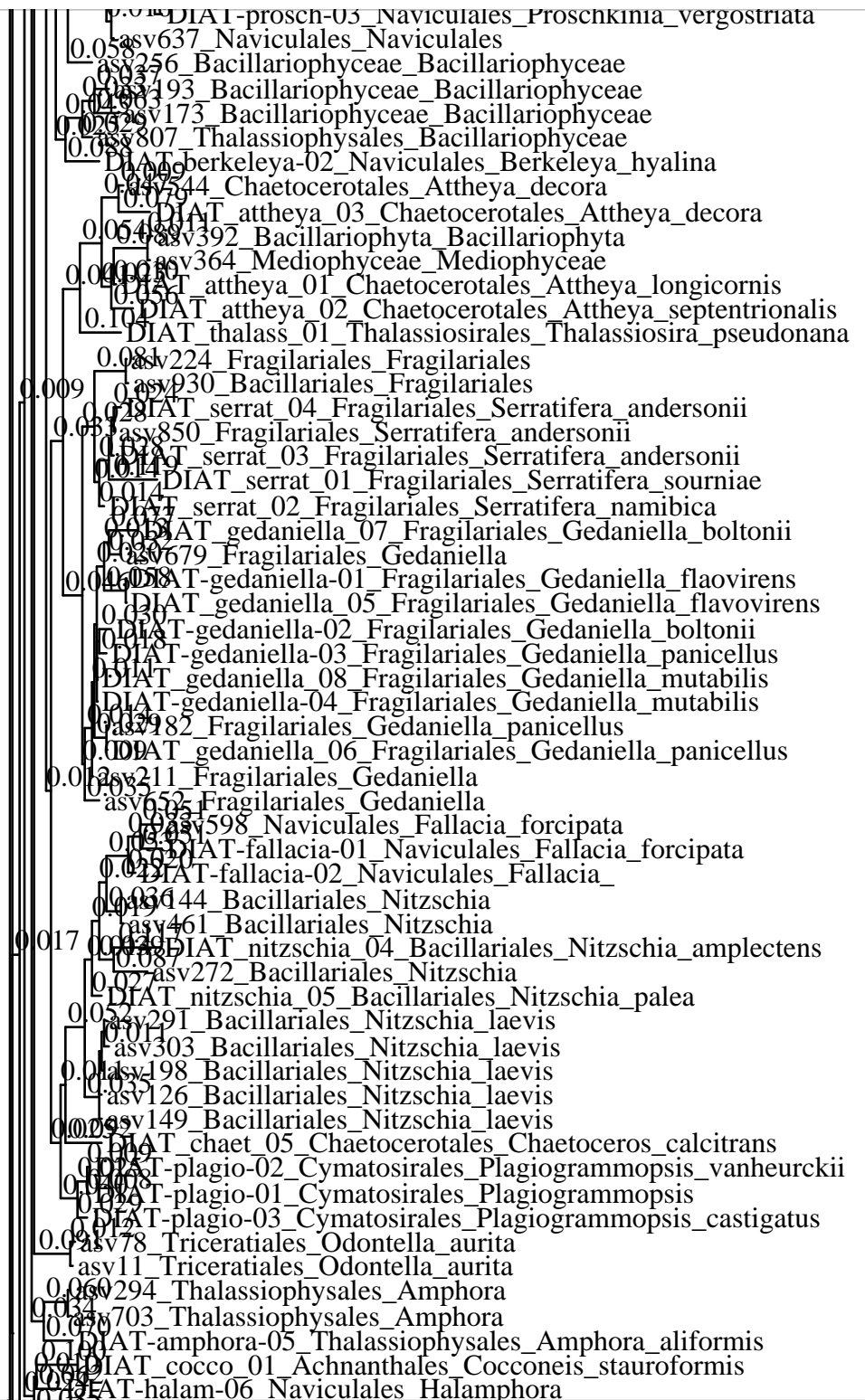
PhyML ln(L)=-21491.6 1489 sites GTR 4 rate classes

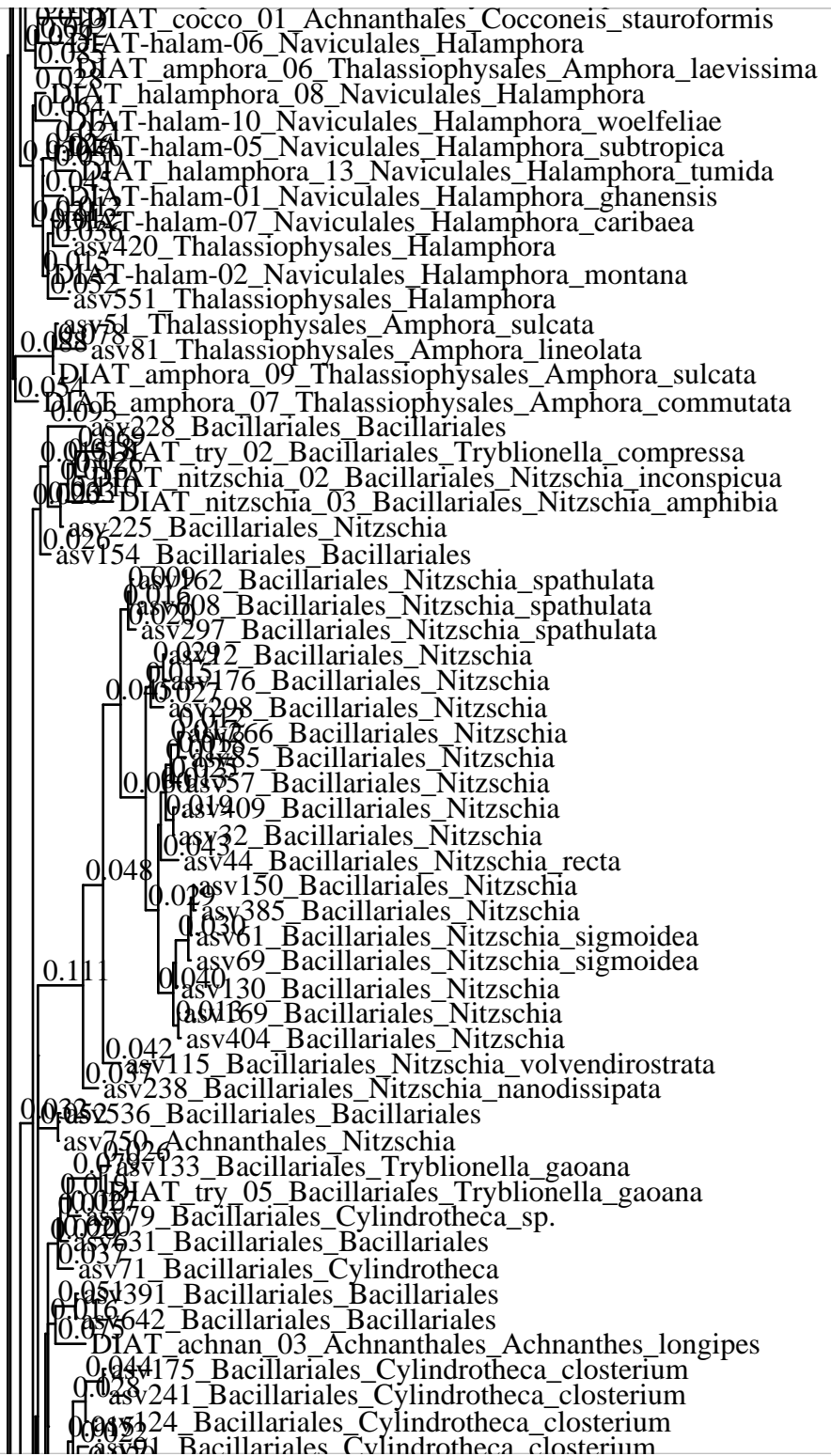




0.0001 Naviculales_Navicula_pseudacceptata
asv359 Naviculales_Navicula_slesvicensis
0.045255 Naviculales_Navicula
asv435 Naviculales_Navicula
0.01734 Naviculales_Navicula_perminuta
asv381 Naviculales_Navicula_perminuta
0.0161 asv19 Naviculales_Navicula_perminuta
asv7 Naviculales_Navicula_perminuta
asv41 Naviculales_Navicula_perminuta
0.000360 Naviculales_Navicula_perminuta
0.000188 Naviculales_Navicula_glaciei
0.000077 asv778 Bacillariophyceae_Navicula
asv119 Naviculales_Navicula
0.000195 asv523 Naviculales_Navicula_perminuta
asv151 Naviculales_Navicula_perminuta
0.0001856 Naviculales_Navicula_perminuta
asv538 Naviculales_Navicula_glaciei
0.036437 Naviculales_Seminavis_sp.
asv99 Naviculales_Seminavis_sp.
0.000151 T_tachy_01_Naviculales_Trachyneis
0.000151 DIAT_donkinia_01_Naviculales_Donkinia
0.000151 asv69 Naviculales_Navicula
asv378 Naviculales_Navicula
asv379 Naviculales_Navicula
0.000151 asv289 Bacillariophyceae_Bacillariophyceae
asv458 Naviculales_Navicula_kongfjordensis
0.032666 Bacillariophyceae_Bacillariophyceae
asv96 Naviculales_Navicula
0.000151 asv125 Naviculales_Navicula
asv190 Naviculales_Navicula
asv187 Naviculales_Navicula_avium
0.000151 asv413 Naviculales_Navicula_avium
asv20 Naviculales_Navicula_avium
asv309 Naviculales_Navicula_avium
0.000151 asv223 Naviculales_Navicula_avium
asv243 Naviculales_Navicula_avium
asv153 Naviculales_Navicula_avium
0.000151 asv257 Naviculales_Navicula_avium
asv618 Naviculales_Navicula_avium
asv284 Naviculales_Navicula
asv59 Naviculales_Navicula_kongfjordensis
asv1 Naviculales_Navicula_kongfjordensis
DIAT_nav_02_Naviculales_Navicula
0.036437 DIAT_nav_01_Naviculales_Navicula_rhynchotella
asv2 Naviculales_Navicula_rhynchocephala_var._hankensis
0.000151 DIAT_nav_04_Naviculales_Navicula
asv95 Naviculales_Navicula_rhynchocephala_var._hankensis
0.000151 asv46 Naviculales_Navicula
DIAT_nav_05_Naviculales_Navicula_flagellifera
0.000151 asv24 Naviculales_Navicula_kongfjordensis
asv117 Naviculales_Navicula
0.000151 asv395 Naviculales_Navicula
asv30 Naviculales_Navicula
0.000151 asv94 Naviculales_Navicula
asv293 Naviculales_Navicula
asv8 Naviculales_Navicula
asv192 Naviculales_Navicula







0.00147 Thalassiosirales Thalassiosira nordenskiöldii
 0.1268 Thalassiosirales Thalassiosira antarctica
 0.02906137316 Bacillariales Nitzschia dubiiformis
 0.0288 Bacillariales Nitzschia dubiiformis
 0.025 Bacillariales Nitzschia dubiiformis
 0.0214 Bacillariales Nitzschia promare
 0.0132 Bacillariales Nitzschia dubiiformis
 0.021 nitzschia 01 Bacillariales Nitzschia linearis
 0.021 AT-licmophora-01 Licmorphales Licmophora paradoxa
 0.02192 Licmophorales Licmophora paradoxa
 0.02105 asv252 Licmophorales Licmophora
 0.021 AT-licmophora-02 Licmorphales Licmophora sp.
 0.02165 Fragilariophyceae Fragilariophyceae
 0.02149 Fragilariophyceae Fragilariophyceae
 0.02129 Fragilariophyceae Fragilariophyceae
 0.021 AT-licmophora-05 Licmorphales Licmophora ehrenbergii
 0.021 AT-tabu-03 Licmorphales Tabularia laevis
 0.02142 Bacillariophyta Bacillariophyta
 0.02102156 Licmorphales Tabularia tabulata
 0.021 AT-tabu-01 Licmorphales Tabularia tabulata
 0.021 AT-tabu-02 Licmorphales Tabularia tabulata
 0.0214 Fragilariales Tabularia tabulata
 0.021 AT-tabu-04 Licmorphales Tabularia gailonii
 0.021632 Naviculales Naviculales
 0.021 AT-fallacia-04 Naviculales Fallacia pygamaea
 0.021 AT_sellaphora 01 Naviculales Sellaphora nigri
 0.021 asv227 Bacillariophyta Bacillariophyta
 0.021 AT_sellaphora 03 Naviculales Sellaphora pupula
 0.02127 Bacillariophyceae Bacillariophyceae
 0.02152 Bacillariophyceae Bacillariophyceae
 0.021310 Bacillariophyceae Bacillariophyceae
 0.021305 Bacillariophyceae Bacillariophyceae
 0.021 asv384 Bacillariophyceae Bacillariophyceae
 0.021 AT_sellaphora 02 Naviculales Sellaphora saugerresii
 0.021 AT-fallacia-03 Naviculales Fallacia mooculata
 0.021 AT-fragilaria-01 Fragilariales Fragilaria nanoidea
 0.021 AT-fragilaria-02 Fragilariales Fragilaria gracilis
 0.021 AT-fragilaria-04 Fragilariales Fragilaria agnesiae
 0.021 AT-fragilaria-05 Fragilariales Fragilaria heatherae
 0.021 AT-fragilaria-03 Fragilariales Fragilaria perminuta
 0.021 AT-pinnularia-01 Naviculales Pinnularia borealis
 0.021 AT diplo 02 Naviculales Diploneis smithii
 0.021 asv231 Naviculales Diploneis
 0.021 AT diplo 01 Naviculales Diploneis subovalis
 0.021 AT diplo 03 Naviculales Diploneis sp
 0.021 AT-gomphonema-05 Cymbellales Gomphonema bourbonense
 0.021 AT-gomphonema-02 Cymbellales Gomphonema minutum
 0.021 TCC536-Rbcl-1 Cymbellales Gomphonema pumilum var. pumilum
 0.021 AT-gomphonema-04 Cymbellales Gomphonema lagenula
 0.021 AT-gomphonema-01 Cymbellales Gomphonema longissimum
 0.021 TCC426-Rbcl-1 Bacillariophyta Gomphonema parvulum
 0.021 AT-gomphonema-03 Cymbellales Gomphonema parvulum
 0.021 TCC428-Rbcl-1 Bacillariophyta Gomphonema parvulum
 0.021 AT cymboppleura 03 Cymbellales Cymboppleura
 0.021 AT cymboppleura 01 Cymbellales Cymboppleura

