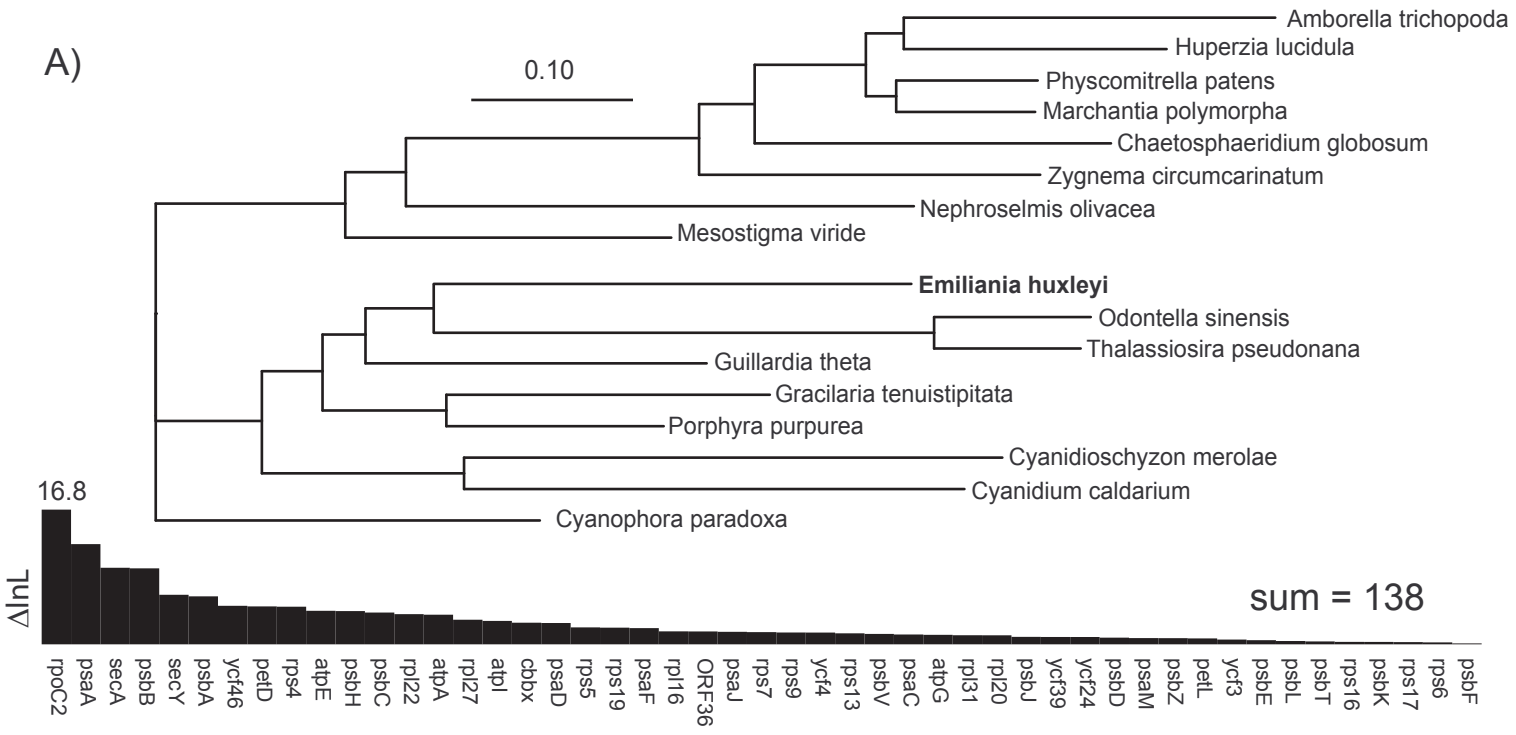
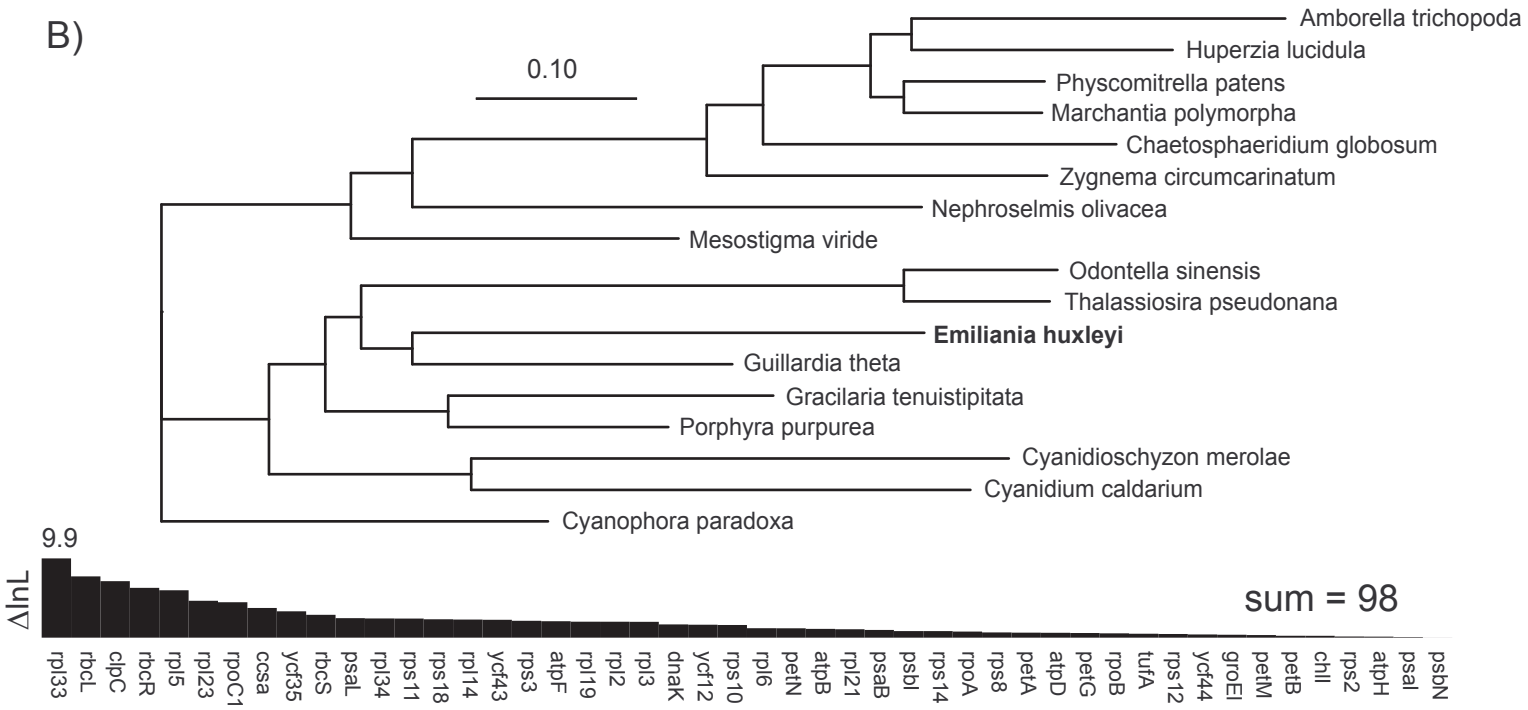

A)
0.10
Amborella trichopoda
Huperzia lucidula
Physcomitrella patens
Marchantia polymorpha
Chaetosphaeridium globosum
Zygnema circumcarinatum
Nephroselmis olivacea
Mesostigma viride
Emiliania huxleyi
Odontella sinensis
Thalassiosira pseudonana
Guillardia theta
Gracilaria tenuistipitata
Porphyra purpurea
Cyanidioschyzon merolae
Cyanidium caldarium
Cyanophora paradoxa
16.8
ΔlnL
sum = 138
rpoC2 psaA secA psbB secY psbA ycf46 petD rps4 atpE psbH psbC rpl22 atpA rpl27 atpI cbbx psaD rps5 rps19 psaF rpl16 ORF36 psaJ rps7 rps9 ycf4 rps13 psbV psaC atpG rpl31 rpl20 psbJ ycf39 ycf24 psbD psaM psbZ petL ycf3 psbE psbL psbT rps16 psbK rps17 rps6 psbF


B)
0.10
Amborella trichopoda
Huperzia lucidula
Physcomitrella patens
Marchantia polymorpha
Chaetosphaeridium globosum
Zygnema circumcarinatum
Nephroselmis olivacea
Mesostigma viride
Odontella sinensis
Thalassiosira pseudonana
Emiliania huxleyi
Guillardia theta
Gracilaria tenuistipitata
Porphyra purpurea
Cyanidioschyzon merolae
Cyanidium caldarium
Cyanophora paradoxa
9.9
ΔlnL
sum = 98
rpl33 rbcL clpC rbcR rpl5 rpl23 rpoC1 ccsa ycf35 rbcS psaL rpl34 rps11 rps18 rpl14 ycf43 rps3 atpF rpl19 rpl2 rpl3 dnaK ycf12 rps10 rpl6 petN atpB rpl21 psaB psbI rps14 rpoA rps8 petA atpD petG rpoB tufA rps12 ycf44 groEl petM petB chlI rps2 atpH psaI psbN