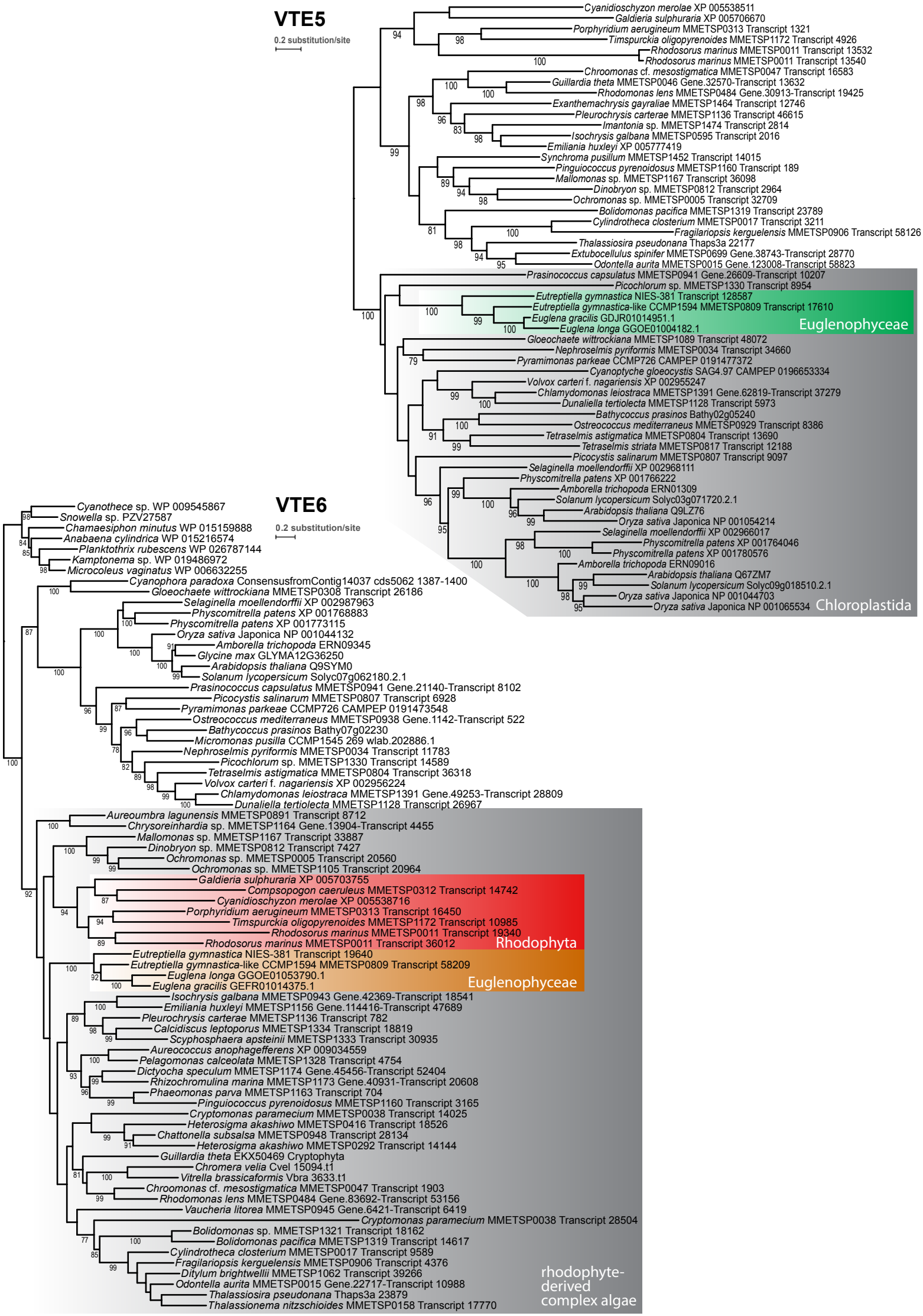
VTE5
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Cyanidioschyzon merolae XP 005538511
Galdieria sulphuraria XP 005706670
Porphyridium aerugineum MMETSP0313 Transcript 1321
Timspurckia oligopyrenoides MMETSP1172 Transcript 4926
Rhodosorus marinus MMETSP0011 Transcript 13532
Rhodosorus marinus MMETSP0011 Transcript 13540
Chroomonas cf. mesostigmatica MMETSP0047 Transcript 16583
Guillardia theta MMETSP0046 Gene.32570-Transcript 13632
Rhodomonas lens MMETSP0484 Gene.30913-Transcript 19425
Exanthemachrysis gayraliae MMETSP1464 Transcript 12746
Pleurochrysis carterae MMETSP1136 Transcript 46615
Imantonia sp. MMETSP1474 Transcript 2814
Isochrysis galbana MMETSP0595 Transcript 2016
Emiliania huxleyi XP 005777419
Synchroma pusillum MMETSP1452 Transcript 14015
Pinguiococcus pyrenoidosus MMETSP1160 Transcript 189
Mallomonas sp. MMETSP1167 Transcript 36098
Dinobryon sp. MMETSP0812 Transcript 2964
Ochromonas sp. MMETSP0005 Transcript 32709
Bolidomonas pacifica MMETSP1319 Transcript 23789
Cylindrotheca closterium MMETSP0017 Transcript 3211
Fragilariopsis kerguelensis MMETSP0906 Transcript 58126
Thalassiosira pseudonana Thaps3a 22177
Extubocellulus spinifer MMETSP0699 Gene.38743-Transcript 28770
Odontella aurita MMETSP0015 Gene.123008-Transcript 58823
Prasinococcus capsulatus MMETSP0941 Gene.26609-Transcript 10207
Picochlorum sp. MMETSP1330 Transcript 8954
Eutreptiella gymnastica NIES-381 Transcript 128587
Eutreptiella gymnastica-like CCMP1594 MMETSP0809 Transcript 17610
Euglena gracilis GDJR01014951.1
Euglena longa GGOE01004182.1
Euglenophyceae
Gloeochaete wittrockiana MMETSP1089 Transcript 48072
Nephroselmis pyriformis MMETSP0034 Transcript 34660
Pyramimonas parkeae CCMP726 CAMPEP 0191477372
Cyanoptyche gloeocystis SAG4.97 CAMPEP 0196653334
Volvox carteri f. nagariensis XP 002955247
Chlamydomonas leiostraca MMETSP1391 Gene.62819-Transcript 37279
Dunaliella tertiolecta MMETSP1128 Transcript 5973
Bathycoccus prasinos Bathy02g05240
Ostreococcus mediterraneus MMETSP0929 Transcript 8386
Tetraselmis astigmatica MMETSP0804 Transcript 13690
Tetraselmis striata MMETSP0817 Transcript 12188
Picocystis salinarum MMETSP0807 Transcript 9097
Selaginella moellendorffii XP 002968111
Physcomitrella patens XP 001766222
Amborella trichopoda ERN01309
Solanum lycopersicum Solyc03g071720.2.1
Arabidopsis thaliana Q9LZ76
Oryza sativa Japonica NP 001054214
Selaginella moellendorffii XP 002966017
Physcomitrella patens XP 001764046
Physcomitrella patens XP 001780576
Amborella trichopoda ERN09016
Arabidopsis thaliana Q67ZM7
Solanum lycopersicum Solyc09g018510.2.1
Oryza sativa Japonica NP 001044703
Oryza sativa Japonica NP 001065534
Chloroplastida
VTE6
0.2 substitution/site
Cyanothece sp. WP 009545867
Snowella sp. PZV27587
Chamaesiphon minutus WP 015159888
Anabaena cylindrica WP 015216574
Planktothrix rubescens WP 026787144
Kamptonema sp. WP 019486972
Microcoleus vaginatus WP 006632255
Cyanophora paradoxa ConsensusfromContig14037 cds5062 1387-1400
Gloeochaete wittrockiana MMETSP0308 Transcript 26186
Selaginella moellendorffii XP 002987963
Physcomitrella patens XP 001768883
Physcomitrella patens XP 001773115
Oryza sativa Japonica NP 001044132
Amborella trichopoda ERN09345
Glycine max GLYMA12G36250
Arabidopsis thaliana Q9SYM0
Solanum lycopersicum Solyc07g062180.2.1
Prasinococcus capsulatus MMETSP0941 Gene.21140-Transcript 8102
Picocystis salinarum MMETSP0807 Transcript 6928
Pyramimonas parkeae CCMP726 CAMPEP 0191473548
Ostreococcus mediterraneus MMETSP0938 Gene.1142-Transcript 522
Bathycoccus prasinos Bathy07g02230
Micromonas pusilla CCMP1545 269 wlab.202886.1
Nephroselmis pyriformis MMETSP0034 Transcript 11783
Picochlorum sp. MMETSP1330 Transcript 14589
Tetraselmis astigmatica MMETSP0804 Transcript 36318
Volvox carteri f. nagariensis XP 002956224
Chlamydomonas leiostraca MMETSP1391 Gene.49253-Transcript 28809
Dunaliella tertiolecta MMETSP1128 Transcript 26967
Aureoumbra lagunensis MMETSP0891 Transcript 8712
Chrysoreinhardia sp. MMETSP1164 Gene.13904-Transcript 4455
Mallomonas sp. MMETSP1167 Transcript 33887
Dinobryon sp. MMETSP0812 Transcript 7427
Ochromonas sp. MMETSP0005 Transcript 20560
Ochromonas sp. MMETSP1105 Transcript 20964
Galdieria sulphuraria XP 005703755
Compsopogon caeruleus MMETSP0312 Transcript 14742
Cyanidioschyzon merolae XP 005538716
Porphyridium aerugineum MMETSP0313 Transcript 16450
Timspurckia oligopyrenoides MMETSP1172 Transcript 10985
Rhodosorus marinus MMETSP0011 Transcript 19340
Rhodosorus marinus MMETSP0011 Transcript 36012
Rhodophyta
Eutreptiella gymnastica NIES-381 Transcript 19640
Eutreptiella gymnastica-like CCMP1594 MMETSP0809 Transcript 58209
Euglena longa GGOE01053790.1
Euglena gracilis GEFR01014375.1
Euglenophyceae
Isochrysis galbana MMETSP0943 Gene.42369-Transcript 18541
Emiliania huxleyi MMETSP1156 Gene.114416-Transcript 47689
Pleurochrysis carterae MMETSP1136 Transcript 782
Calcidiscus leptoporus MMETSP1334 Transcript 18819
Scyphosphaera apsteinii MMETSP1333 Transcript 30935
Aureococcus anophagefferens XP 009034559
Pelagomonas calceolata MMETSP1328 Transcript 4754
Dictyocha speculum MMETSP1174 Gene.45456-Transcript 52404
Rhizochromulina marina MMETSP1173 Gene.40931-Transcript 20608
Phaeomonas parva MMETSP1163 Transcript 704
Pinguiococcus pyrenoidosus MMETSP1160 Transcript 3165
Cryptomonas paramecium MMETSP0038 Transcript 14025
Heterosigma akashiwo MMETSP0416 Transcript 18526
Chattonella subsalsa MMETSP0948 Transcript 28134
Heterosigma akashiwo MMETSP0292 Transcript 14144
Guillardia theta EKX50469 Cryptophyta
Chromera velia Cvel 15094.t1
Vitrella brassicaformis Vbra 3633.t1
Chroomonas cf. mesostigmatica MMETSP0047 Transcript 1903
Rhodomonas lens MMETSP0484 Gene.83692-Transcript 53156
Vaucheria litorea MMETSP0945 Gene.6421-Transcript 6419
Cryptomonas paramecium MMETSP0038 Transcript 28504
Bolidomonas sp. MMETSP1321 Transcript 18162
Bolidomonas pacifica MMETSP1319 Transcript 14617
Cylindrotheca closterium MMETSP0017 Transcript 9589
Fragilariopsis kerguelensis MMETSP0906 Transcript 4376
Ditylum brightwellii MMETSP1062 Transcript 39266
Odontella aurita MMETSP0015 Gene.22717-Transcript 10988
Thalassiosira pseudonana Thaps3a 23879
Thalassionema nitzschioides MMETSP0158 Transcript 17770
rhodophyte-derived complex algae