

D8T2I5 – *Selaginella moellendorffii*

D8T3E2 – *Selaginella moellendorffii*

F4NRI2 – *Batrachochytrium dendrobatidis*

E9HAC5 – *Daphnia pulex*

D8RCY5 – *Selaginella moellendorffii*

D8S930 – *Selaginella moellendorffii*

A9TBG0 – *Physcomitrella patens subsp. patens*

E9HF45 – *Daphnia pulex*

H9K6V6 – *Apis mellifera*

F4WRD6 – *Acromyrmex echinator*

E9IRV3 – *Solenopsis invicta*

E9CDD1 – *Capsaspora owczarzakii*

Q9H222 – *Homo sapiens*

ENSNLEG00000016764

G1S4B6 – *Nomascus leucogenys*

H2P6D5 – *Pongo abelii*

G3RRC4 – *Gorilla gorilla gorilla*

G3QEB9 – *Gorilla gorilla gorilla*

E9C8W6 – *Capsaspora owczarzakii*

D3BL73 – *Polysphondylium pallidum*

F0ZHI7 – *Dictyostelium purpureum*

F0ZC87 – *Dictyostelium purpureum*

G9NXP8 – *Hypocrea atroviridis*

B2VU80 – *Pyrenophora tritici-repentis*

E5ACP2 – *Leptosphaeria maculans*

C7YT10 – *Nectria haematococca*

ENSNLEG00000016387

G1S333 – *Nomascus leucogenys*

H2QQ22 – *Pan troglodytes*

Q86YA3 – *Homo sapiens*

G3S9F9 – *Gorilla gorilla gorilla*

G7P645 – *Macaca fascicularis*

E9C8T2 – *Capsaspora owczarzaki*

A2EMN4 – *Trichomonas vaginalis*

D3BTJ6 – *Polysphondylium pallidum*

C4M7F8 – *Entamoeba histolytica*

A4RVW3 – *Ostreococcus lucimarinus*

Q01B47 – *Ostreococcus tauri*

C1MXA3 – *Micromonas pusilla*

C1EED1 – *Micromonas* sp.

A8HN67 – *Chlamydomonas reinhardtii*

C4R568 – *Komagataella pastoris*

F2QVS4 – *Komagataella pastoris*

G0SXX3 – *Rhodotorula glutinis*

Q16NZ5 – *Aedes aegypti*

C4QDY7 – *Schistosoma mansoni*

C4QDY6 – *Schistosoma mansoni*

E5QS0 – *Trichinella spiralis*

E5SRH0 – *Trichinella spiralis*

C4XY18 – *Clavispora lusitaniae*

D8J3A3 – *Halalkalicoccus jeotgali*

E4NR92 – *Halogeometricum borinquense*

E6WZP0 – *Nitratifractor salsuginis*

O27671 – *Methanothermobacter thermautotrophicus*

O67840 – *Aquifex aeolicus*

F6BEZ6 – *Methanotorris igneus*

Q57568 – *Methanocaldococcus jannaschii*

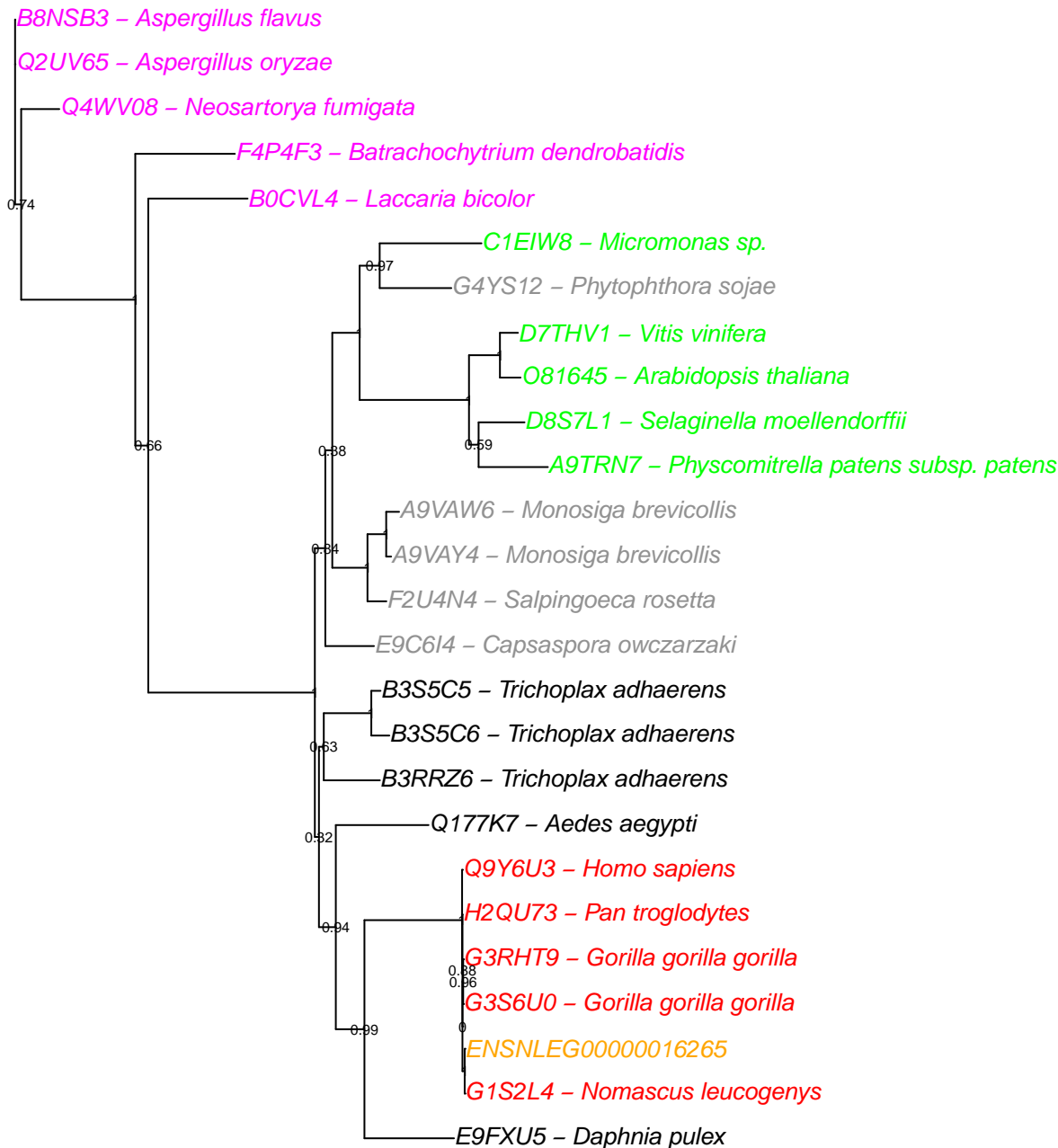
A6LLG1 – *Thermosipho melanesiensis*

Q09BZ9 – *Stigmatella aurantiaca*

C6Y493 – *Pedobacter heparinus*

I1CCW6 – *Rhizopus delemar*

F2UDG6 – *Salpingoeca rosetta*







D8SDB4 – *Selaginella moellendorffii*

D8RF61 – *Selaginella moellendorffii*

B9S2J9 – *Ricinus communis*

F6HPK8 – *Vitis vinifera*

I1J5E4 – *Glycine max*

E9CCR0 – *Capsaspora owczarzaki*

E9CJ25 – *Capsaspora owczarzaki*

E9CC15 – *Capsaspora owczarzaki*

E9CD29 – *Capsaspora owczarzaki*

E9CD01 – *Capsaspora owczarzaki*

B3S841 – *Trichoplax adhaerens*

Q9Y239 – *Homo sapiens*

H2QU1 – *Pan troglodytes*

H2PMH7 – *Pongo abelii*

ENSNLEG00000015142

G1RYR7 – *Nomascus leucogenys*

F7E835 – *Macaca mulatta*

Q6MAR4 – *Protochlamydia amoebophila*

Q6MCK5 – *Protochlamydia amoebophila*

Q6MBI4 – *Protochlamydia amoebophila*

Q6MEL1 – *Protochlamydia amoebophila*

Q6MB70 – *Protochlamydia amoebophila*

F4P4I2 – *Batrachochytrium dendrobatidis*

H2KPT5 – *Clonorchis sinensis*

G4VQ91 – *Schistosoma mansoni*

B7PI98 – *Ixodes scapularis*

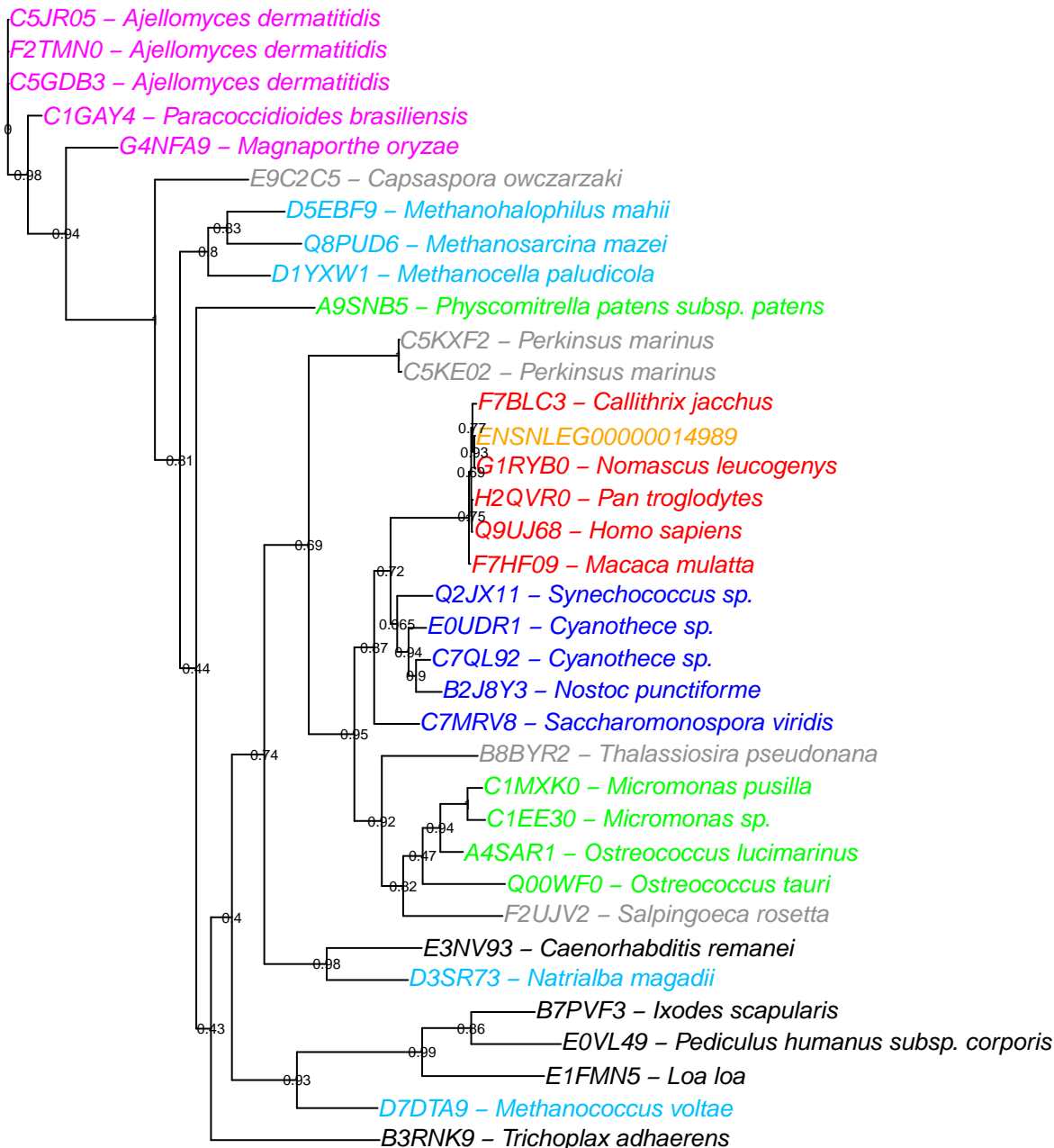
B7P224 – *Ixodes scapularis*

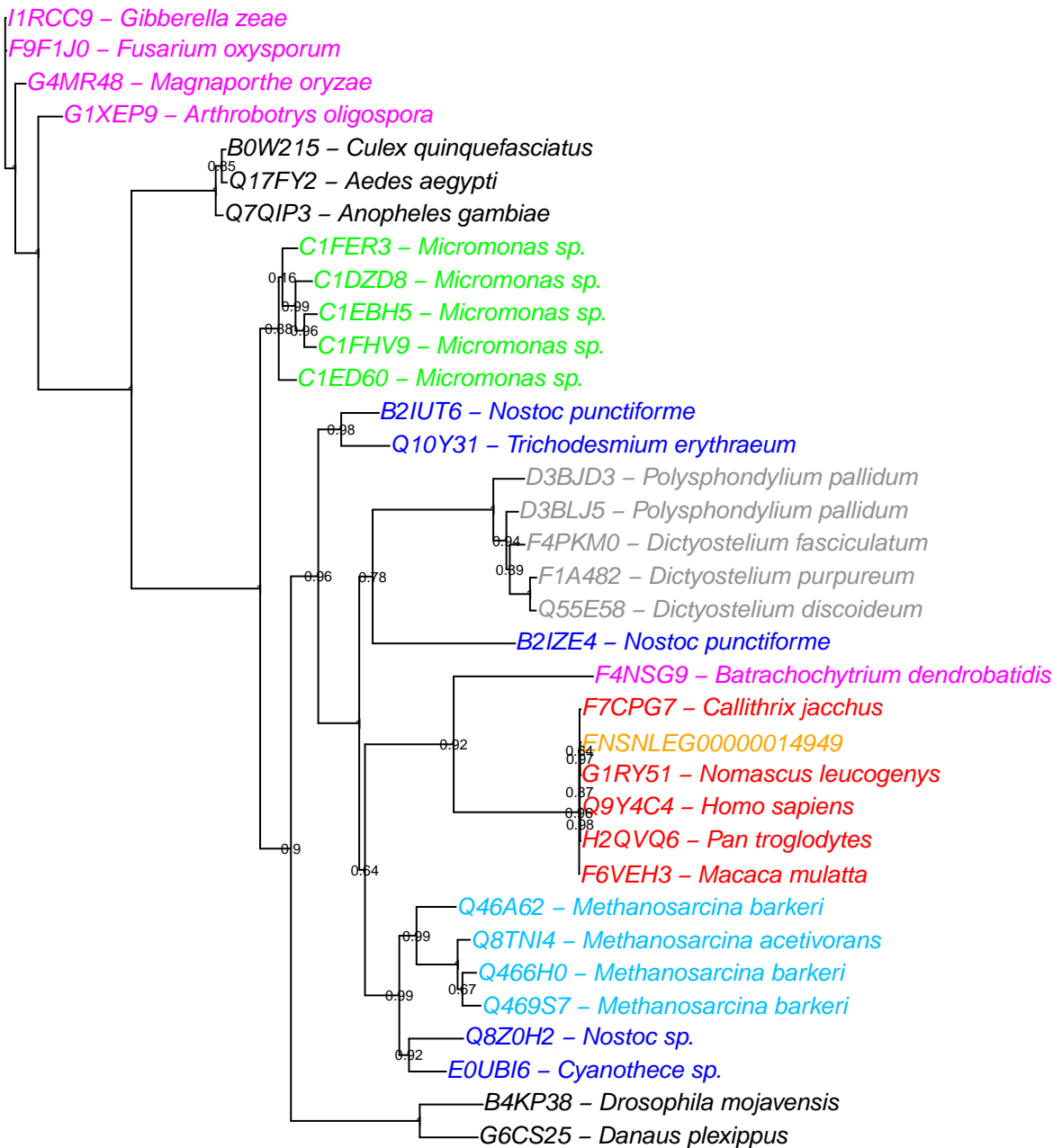
G4TJ56 – *Piriformospora indica*

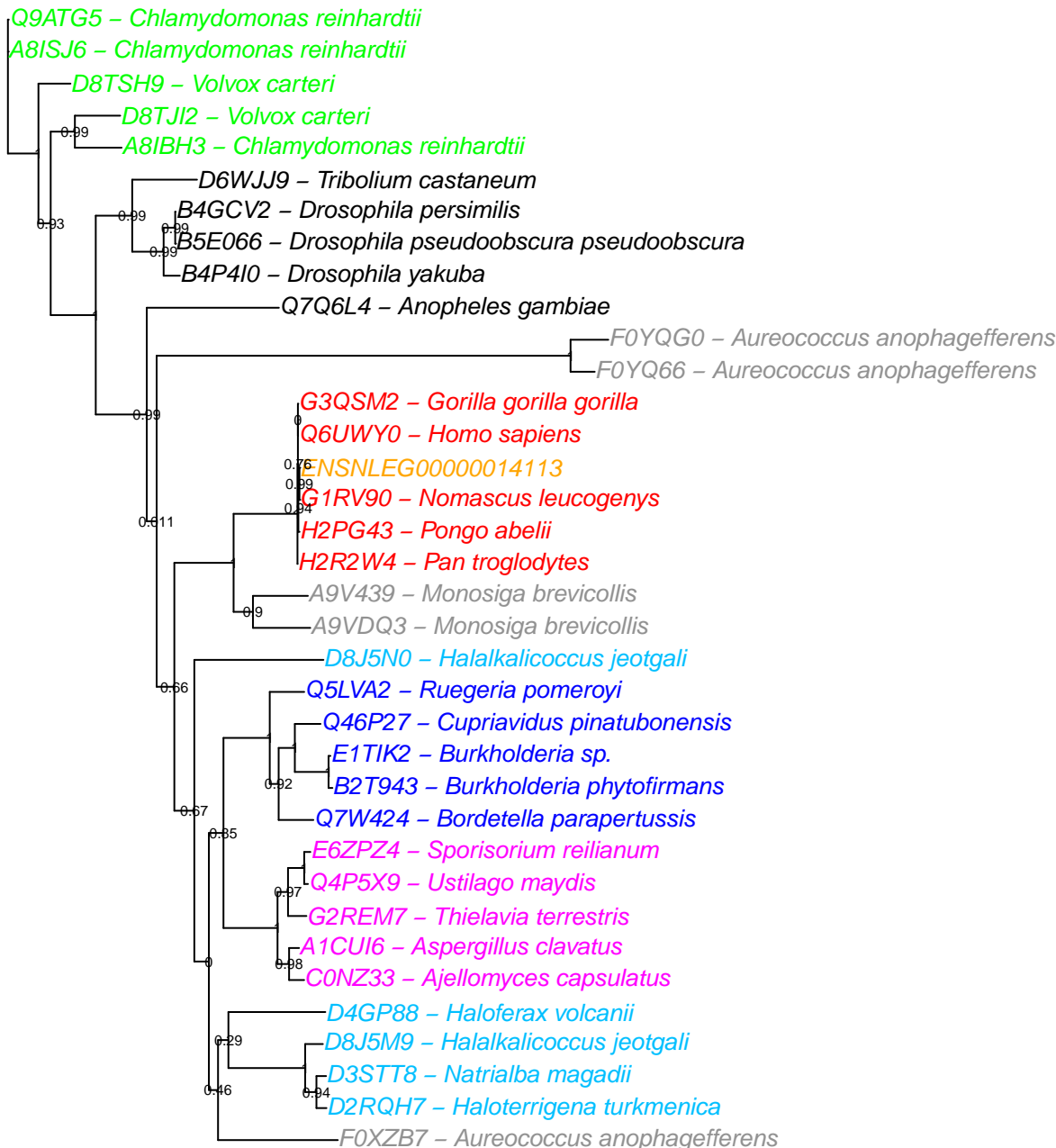
F4P0B4 – *Batrachochytrium dendrobatidis*

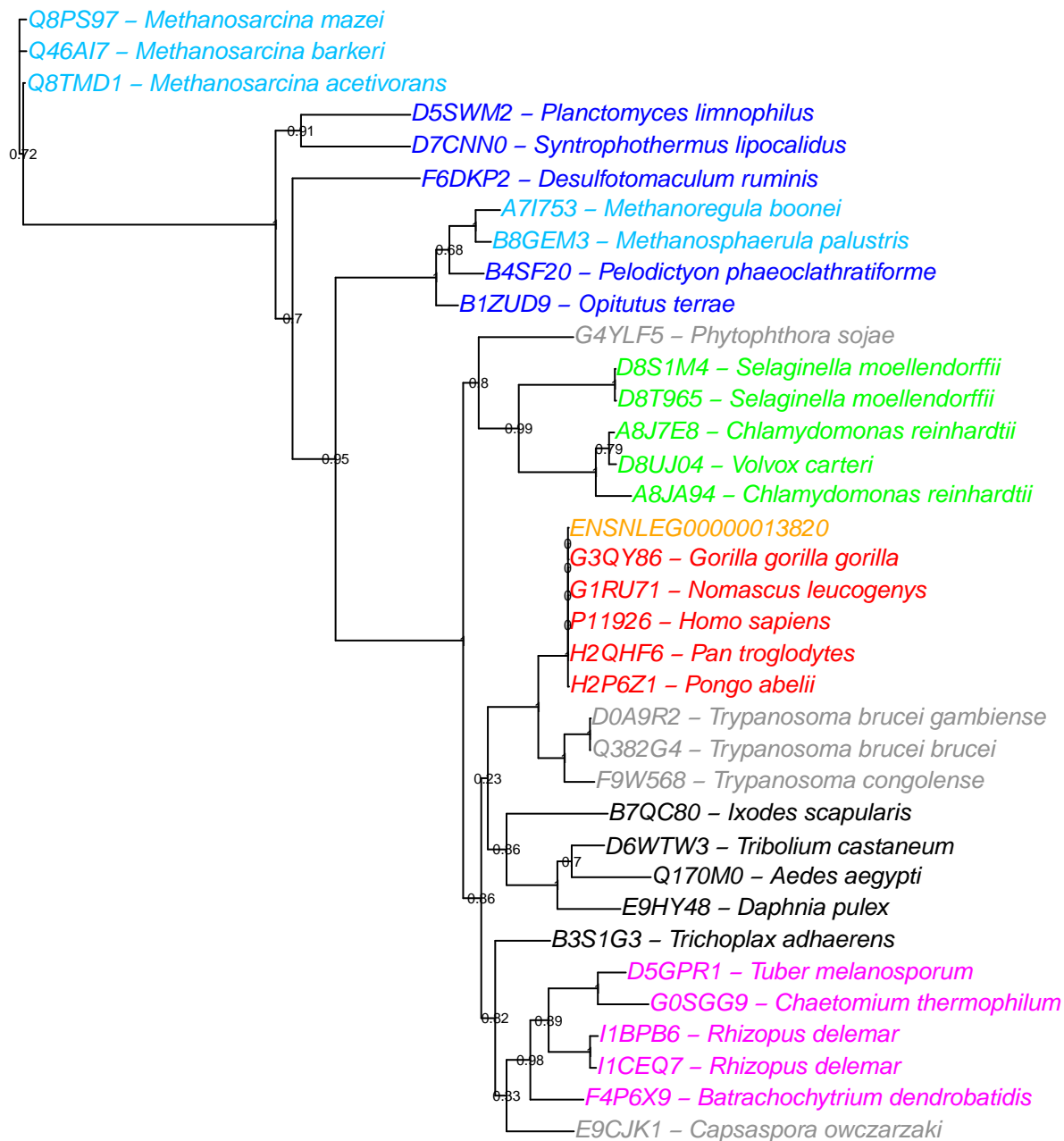
C7YPV1 – *Nectria haematococca*

G4TPJ4 – *Piriformospora indica*



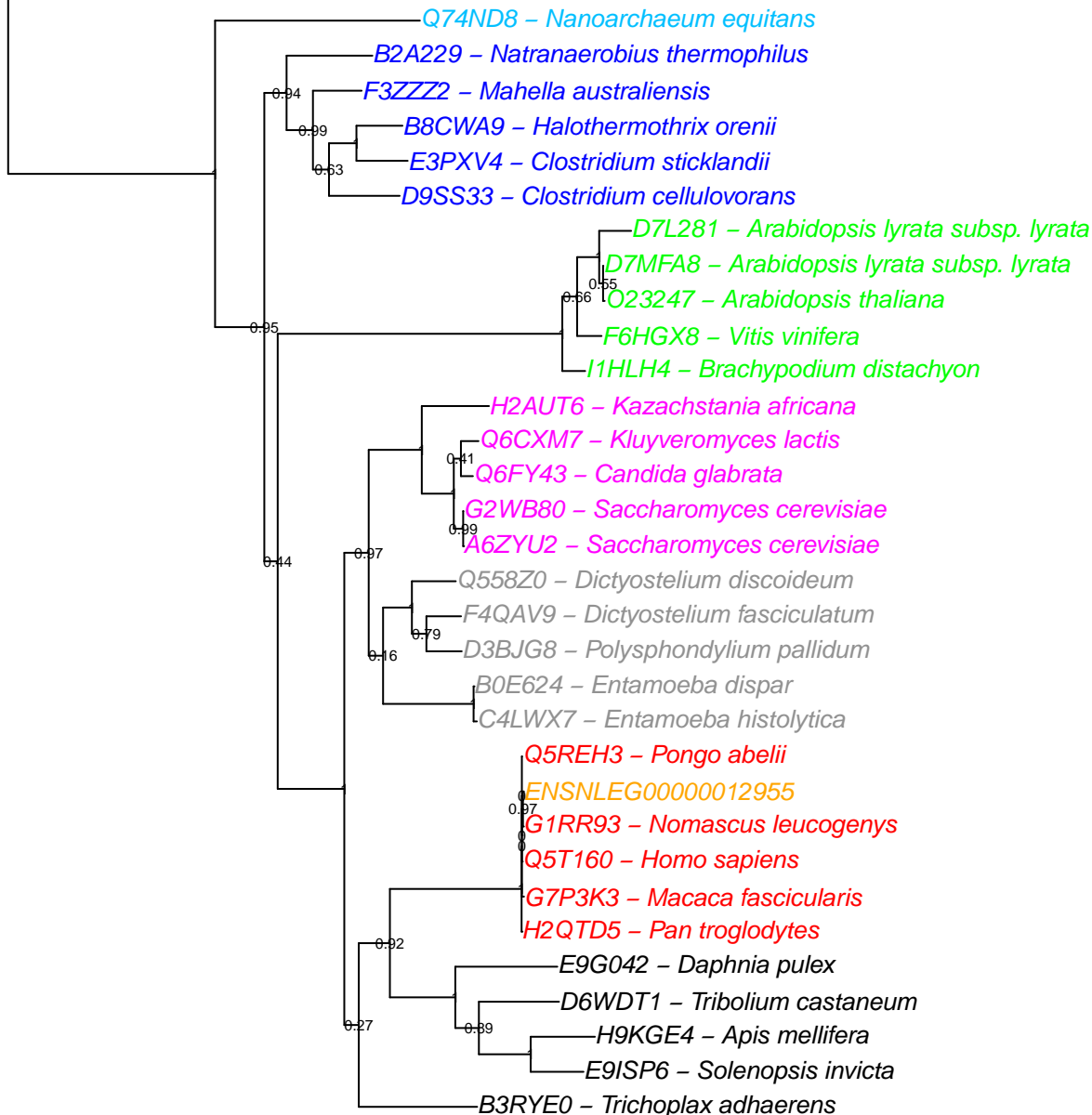


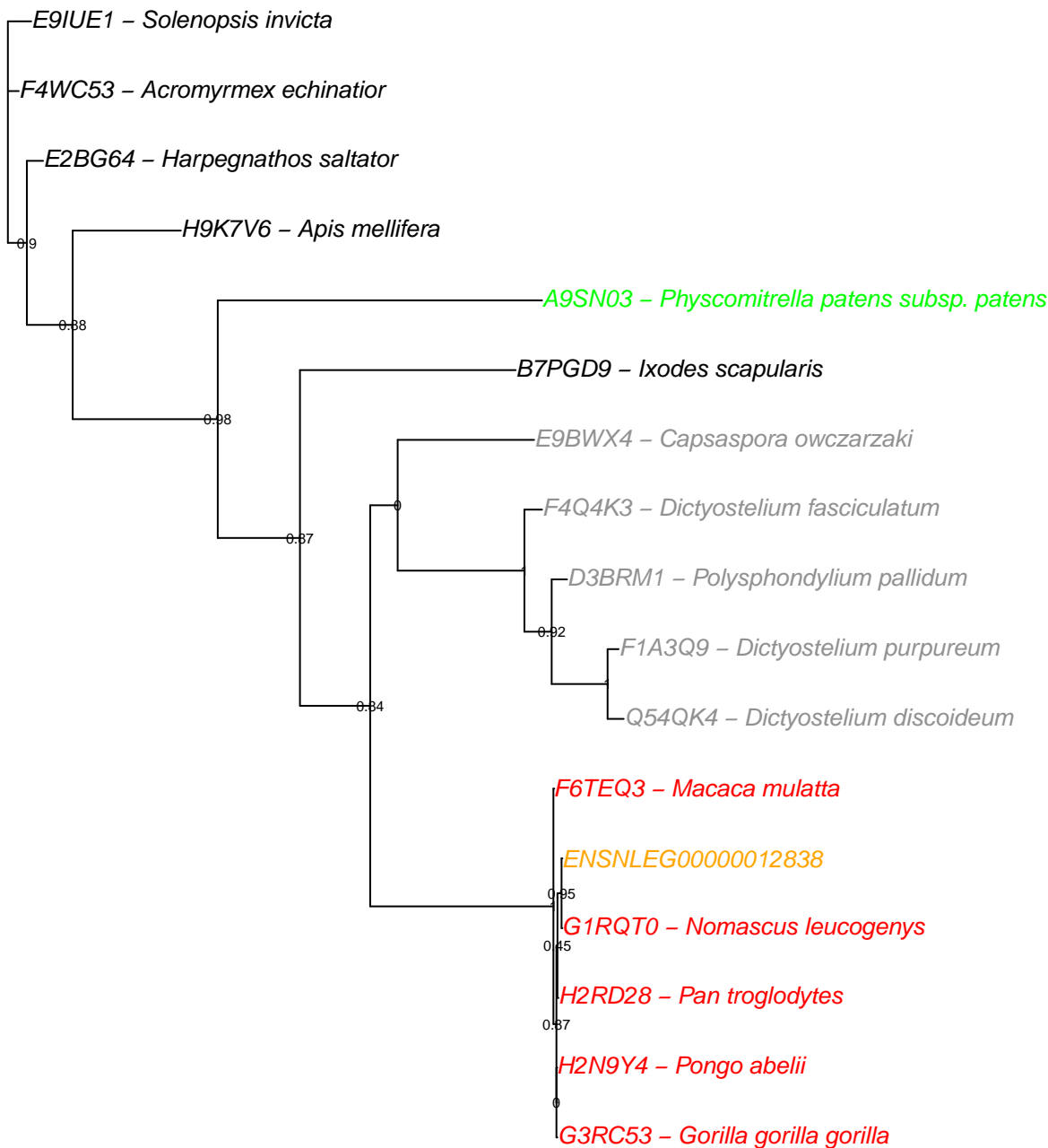




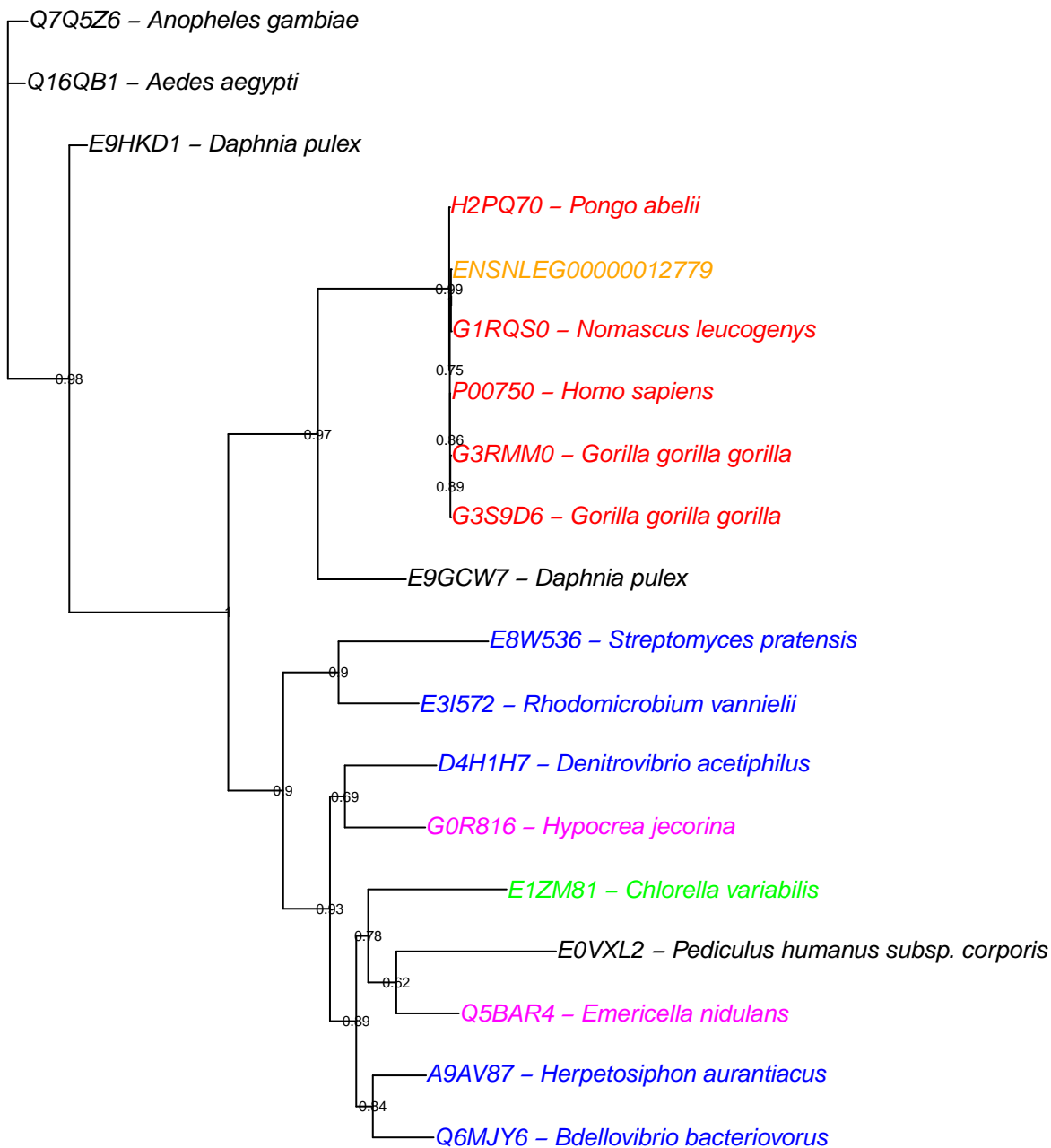
B0R9X1 – *Halobacterium salinarum*

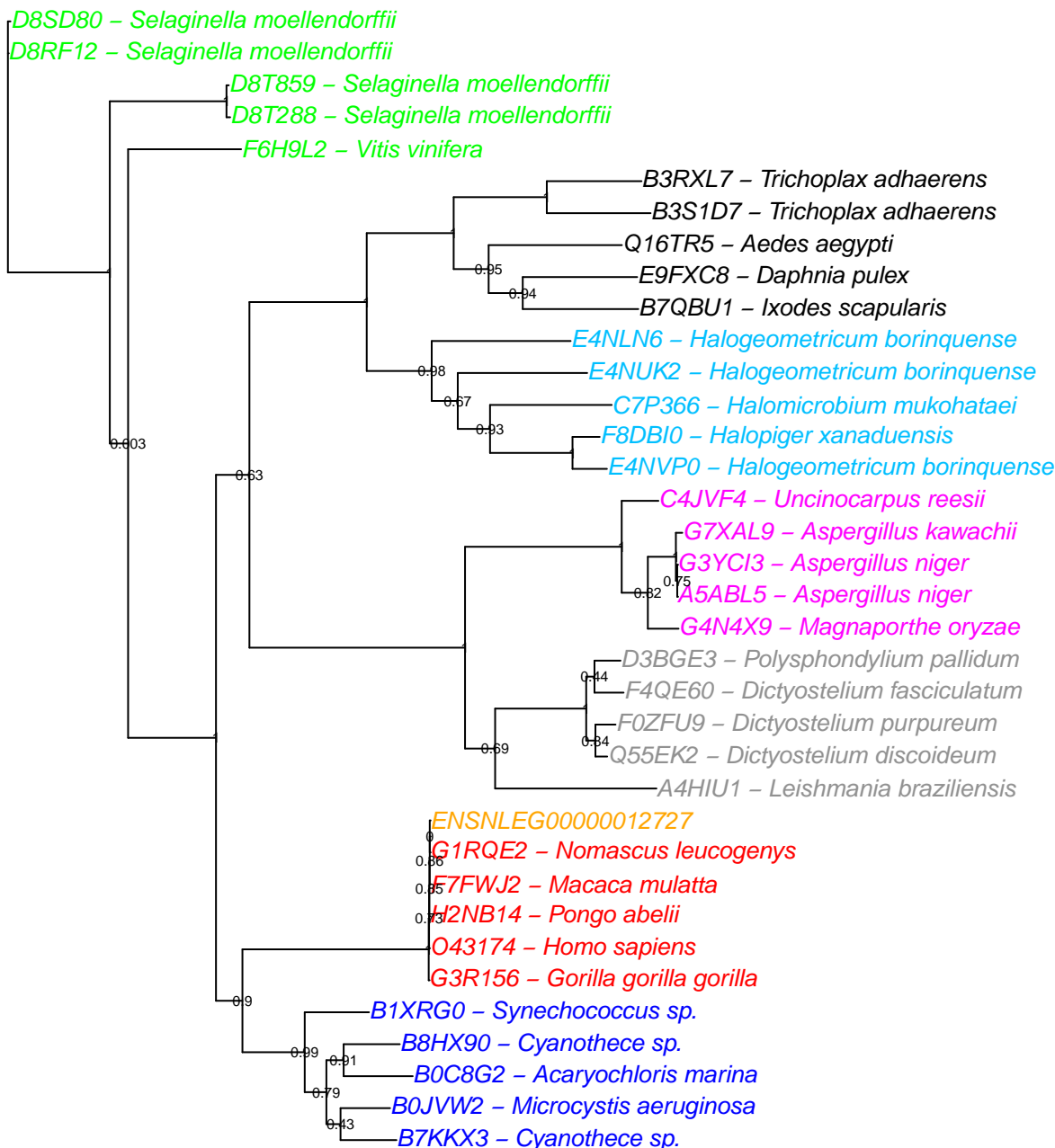
Q9HHN2 – *Halobacterium salinarum*

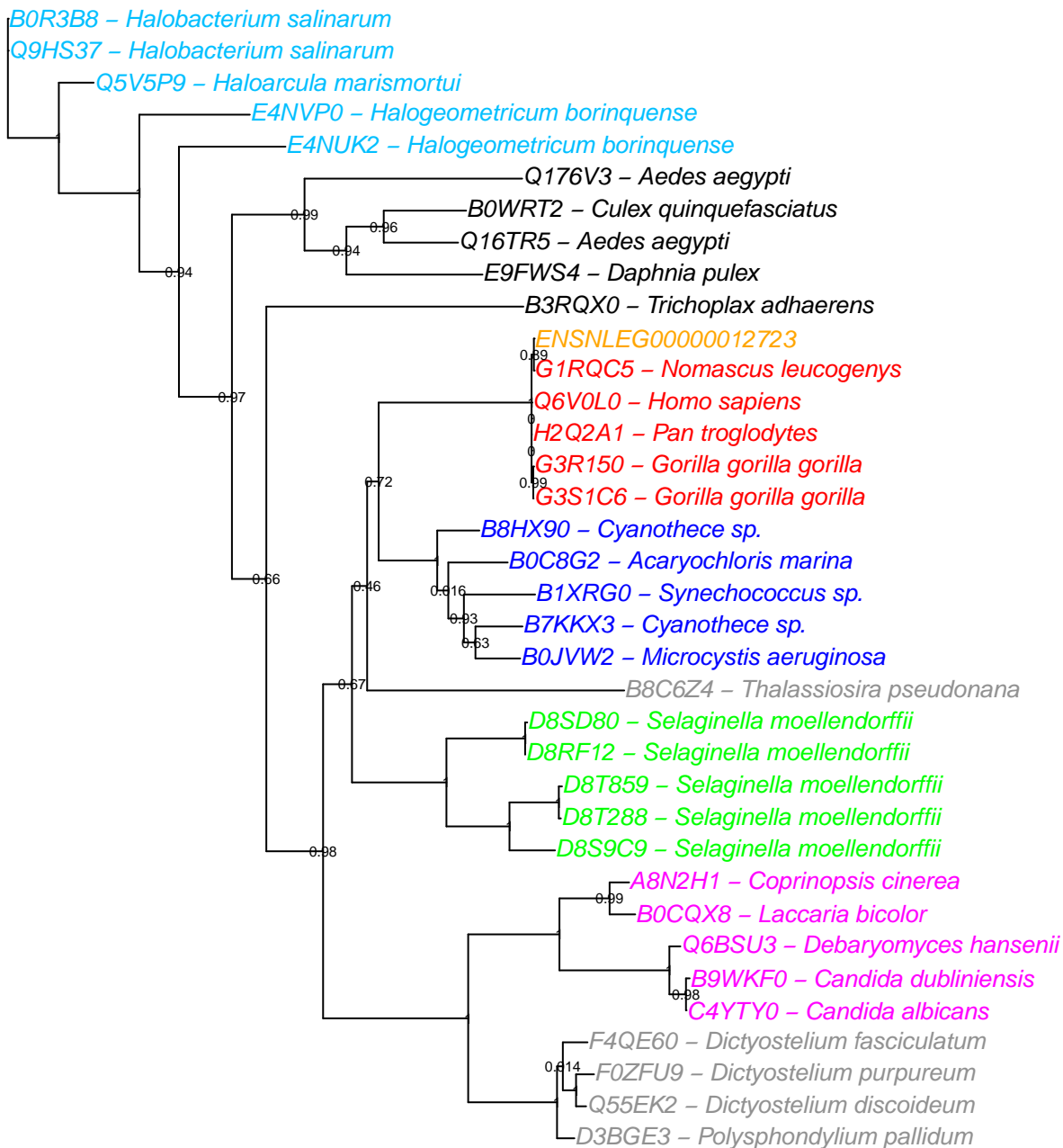






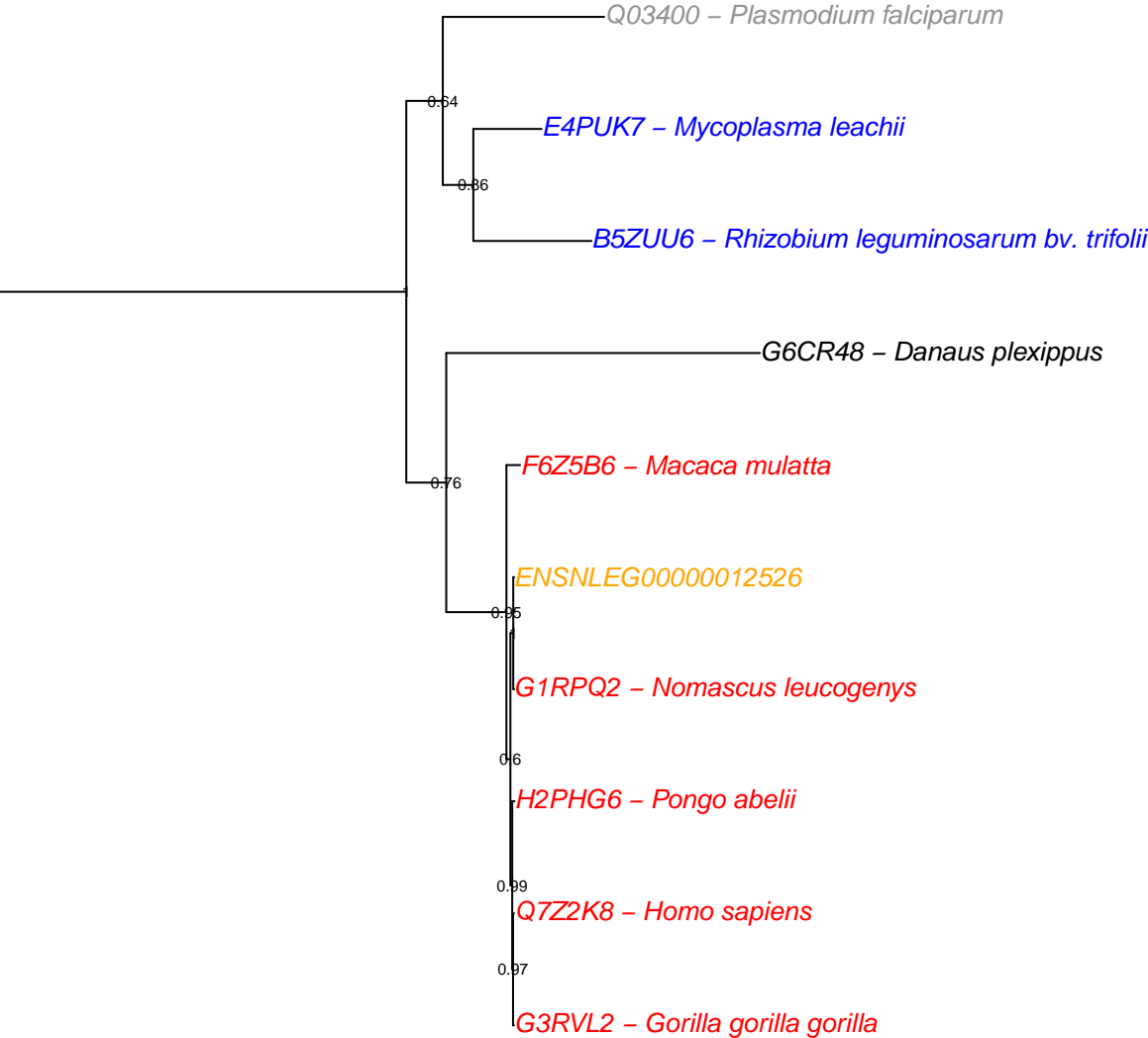


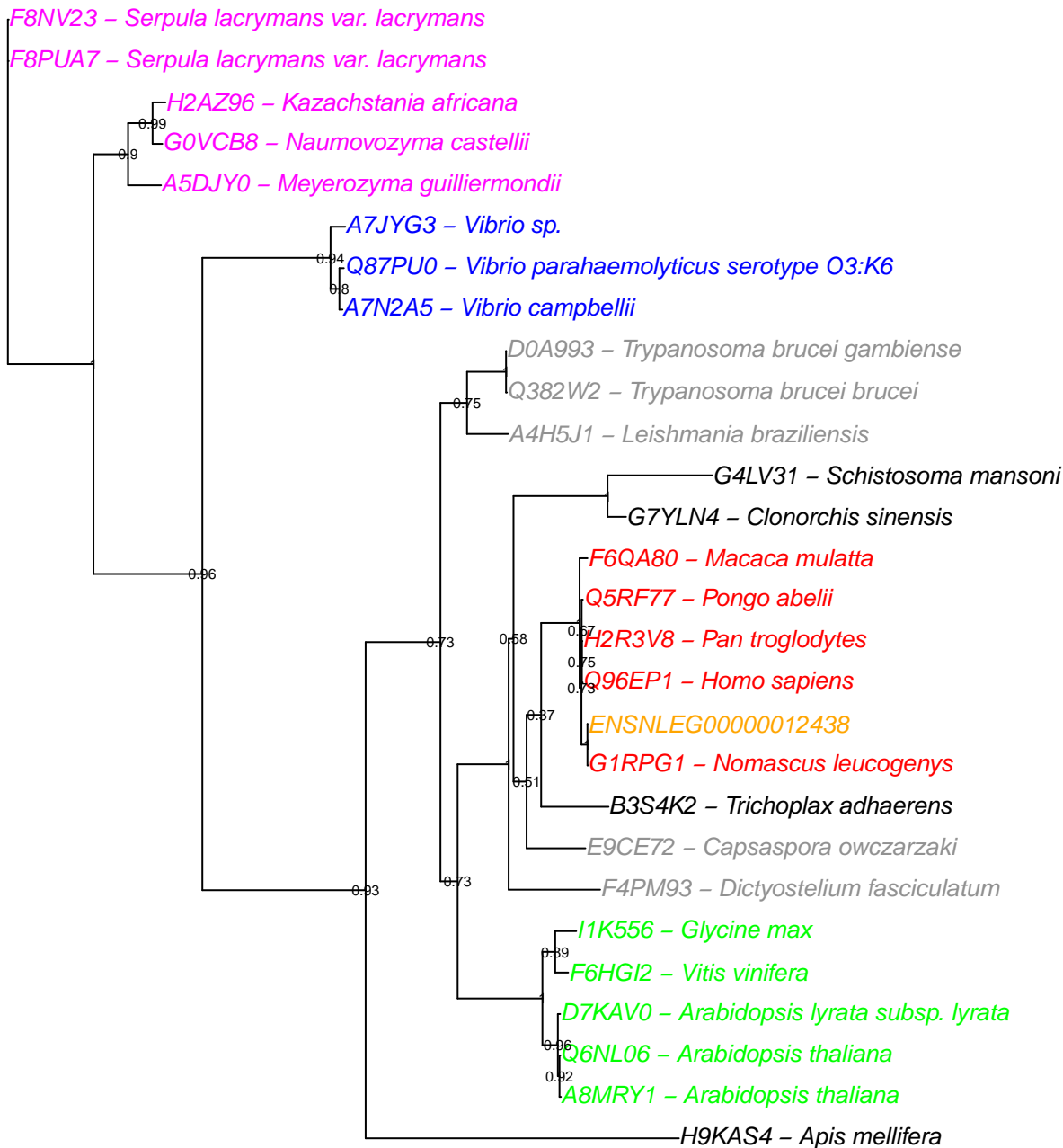


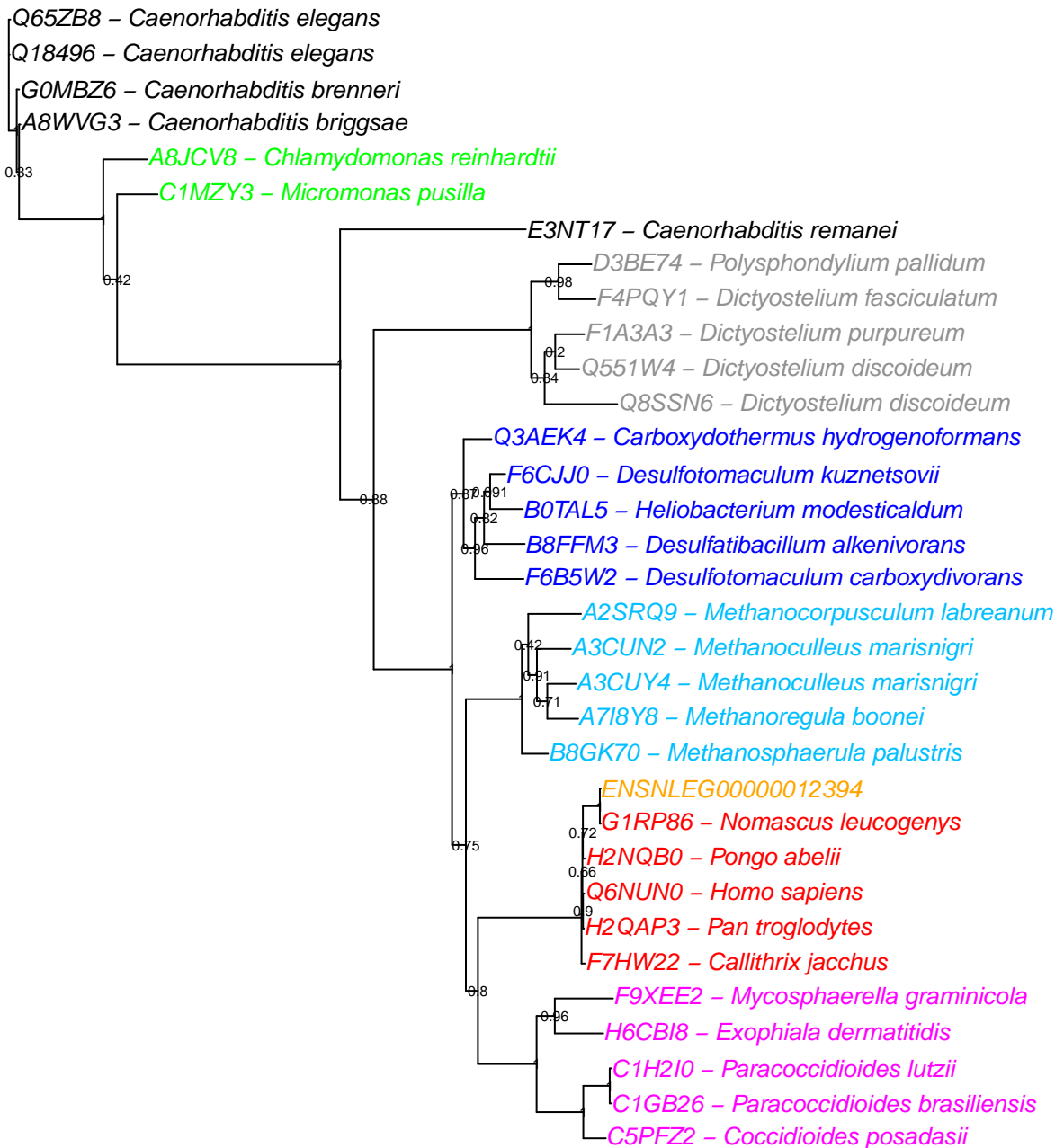


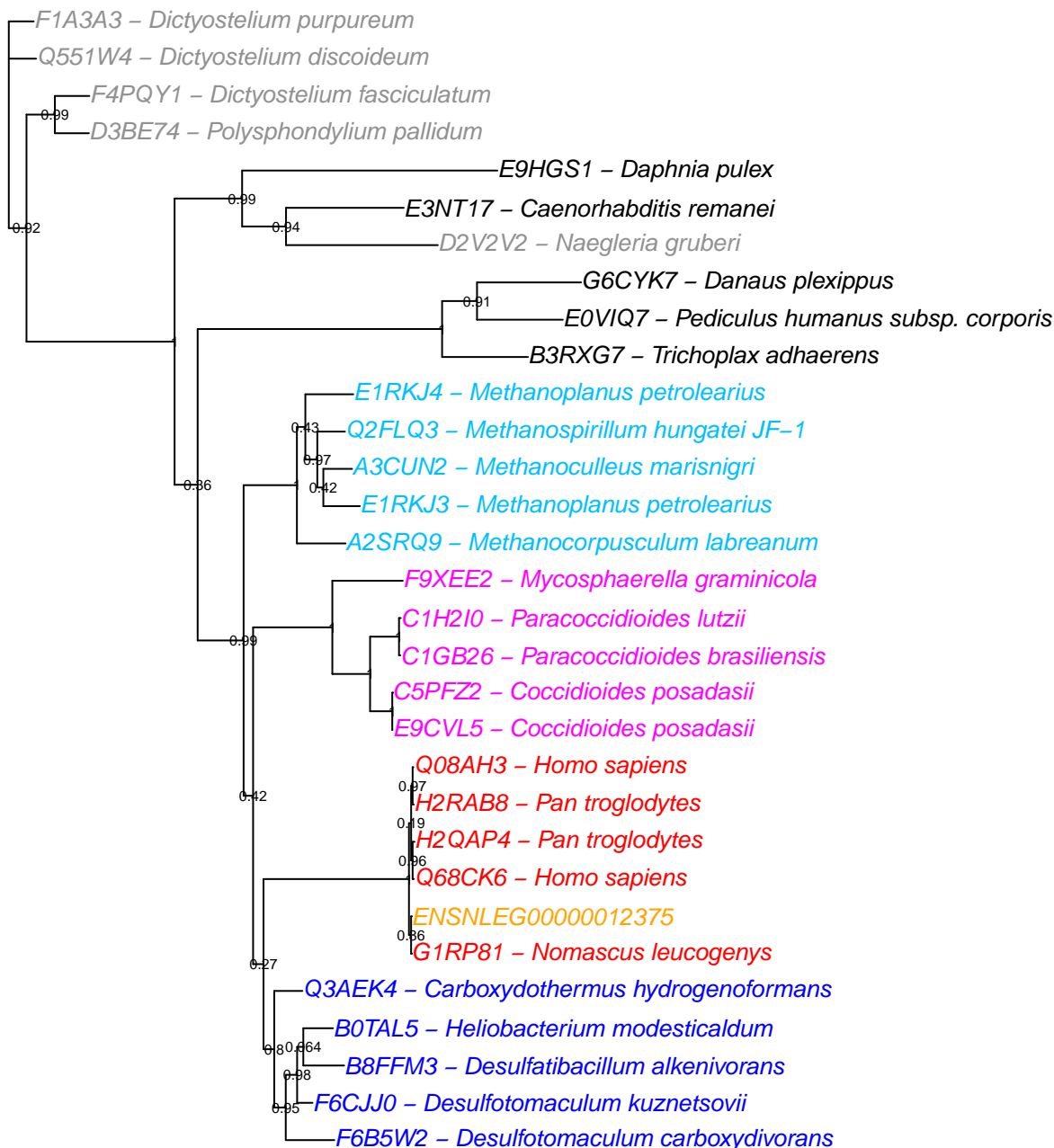
B5DX69 – *Drosophila pseudoobscura pseudoobscura*

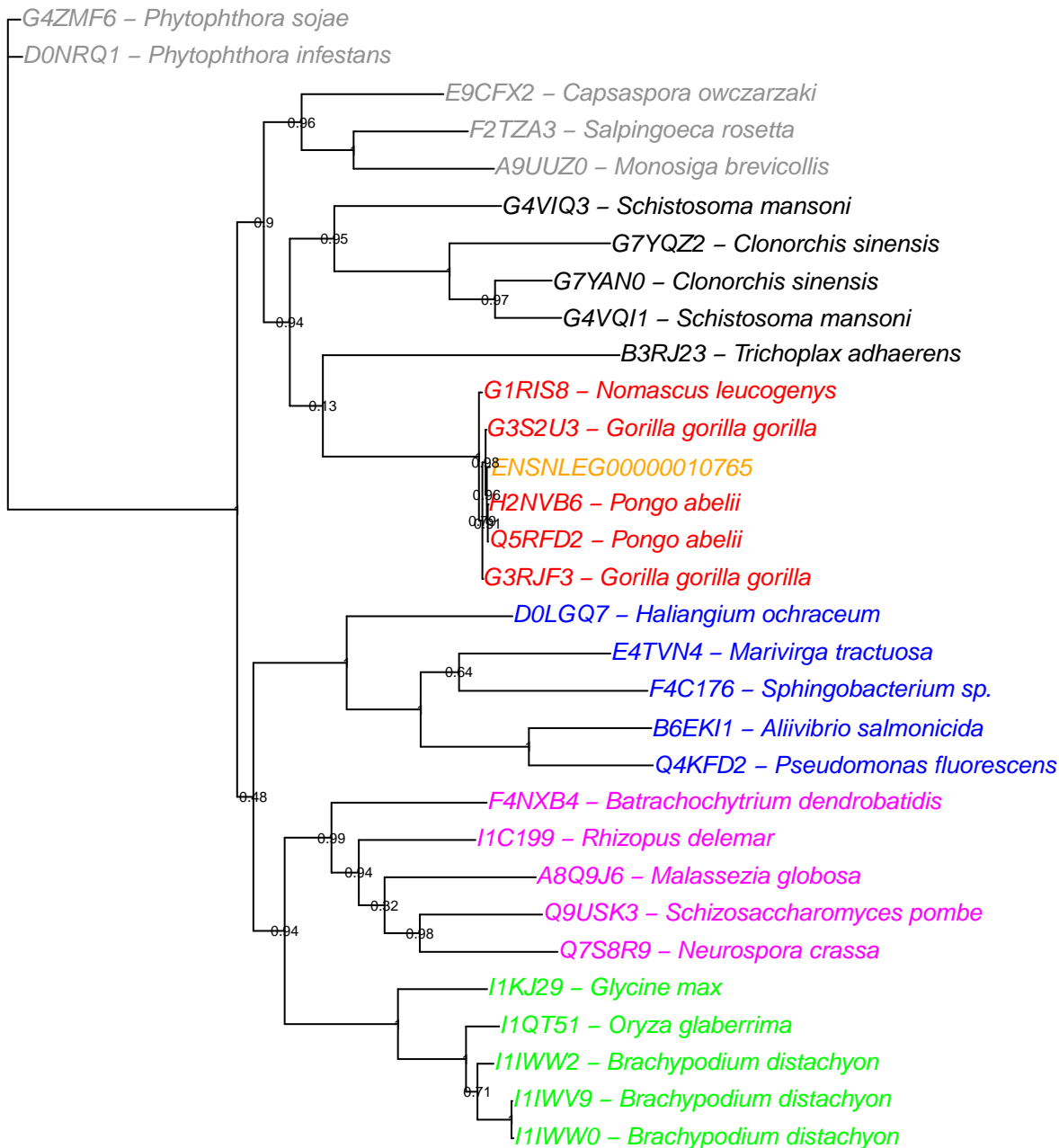
B4GEL8 – *Drosophila persimilis*



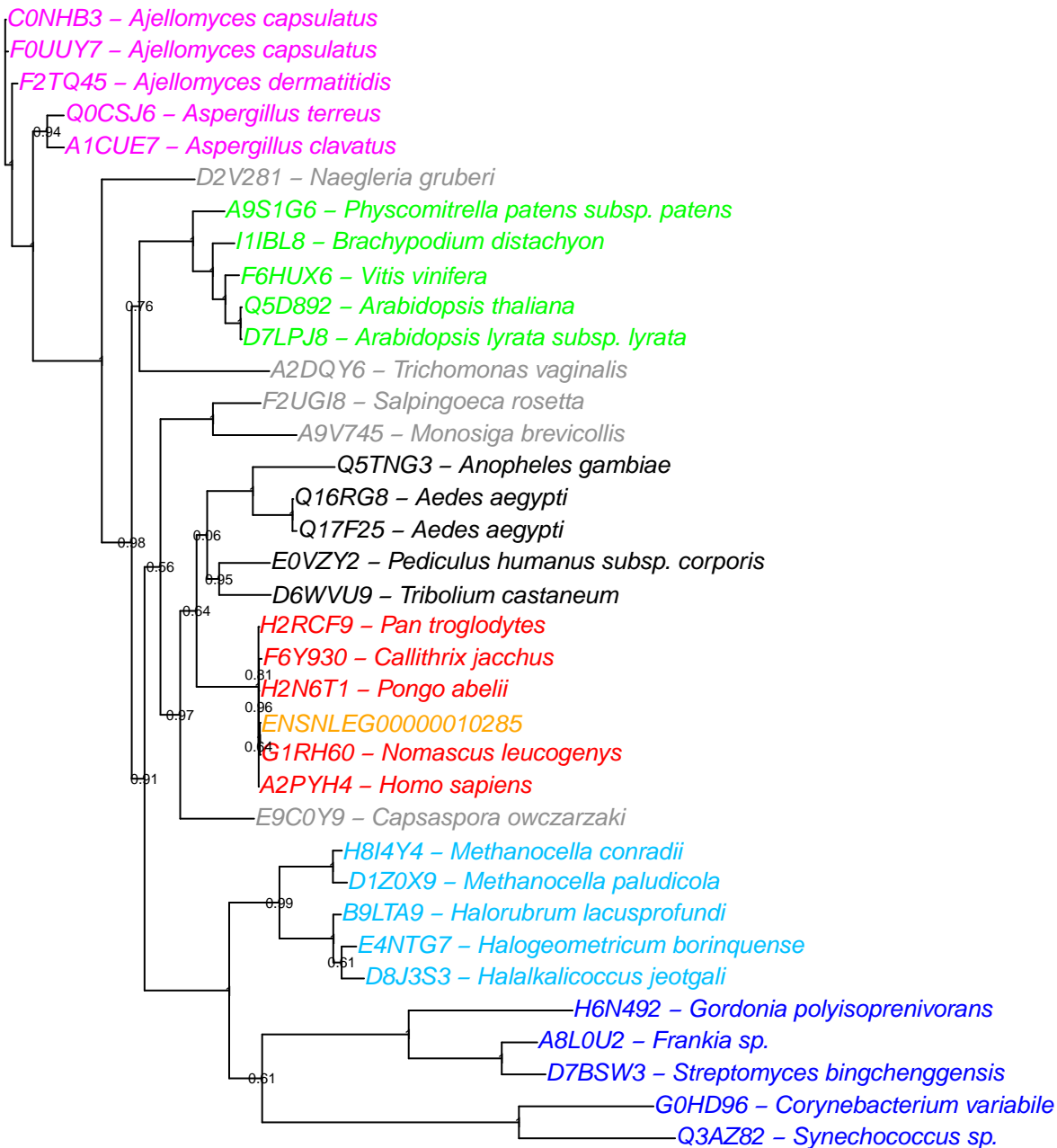


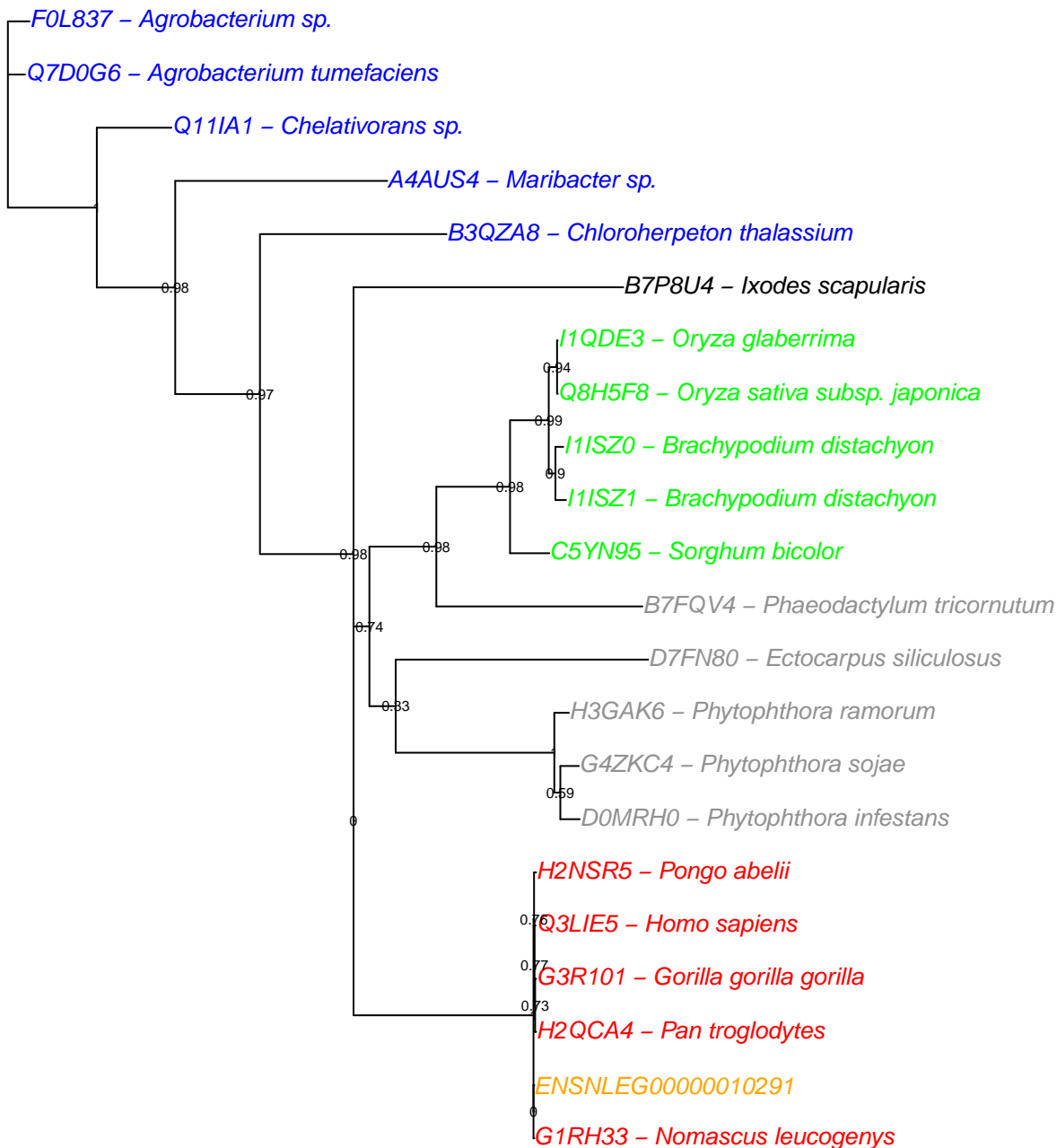


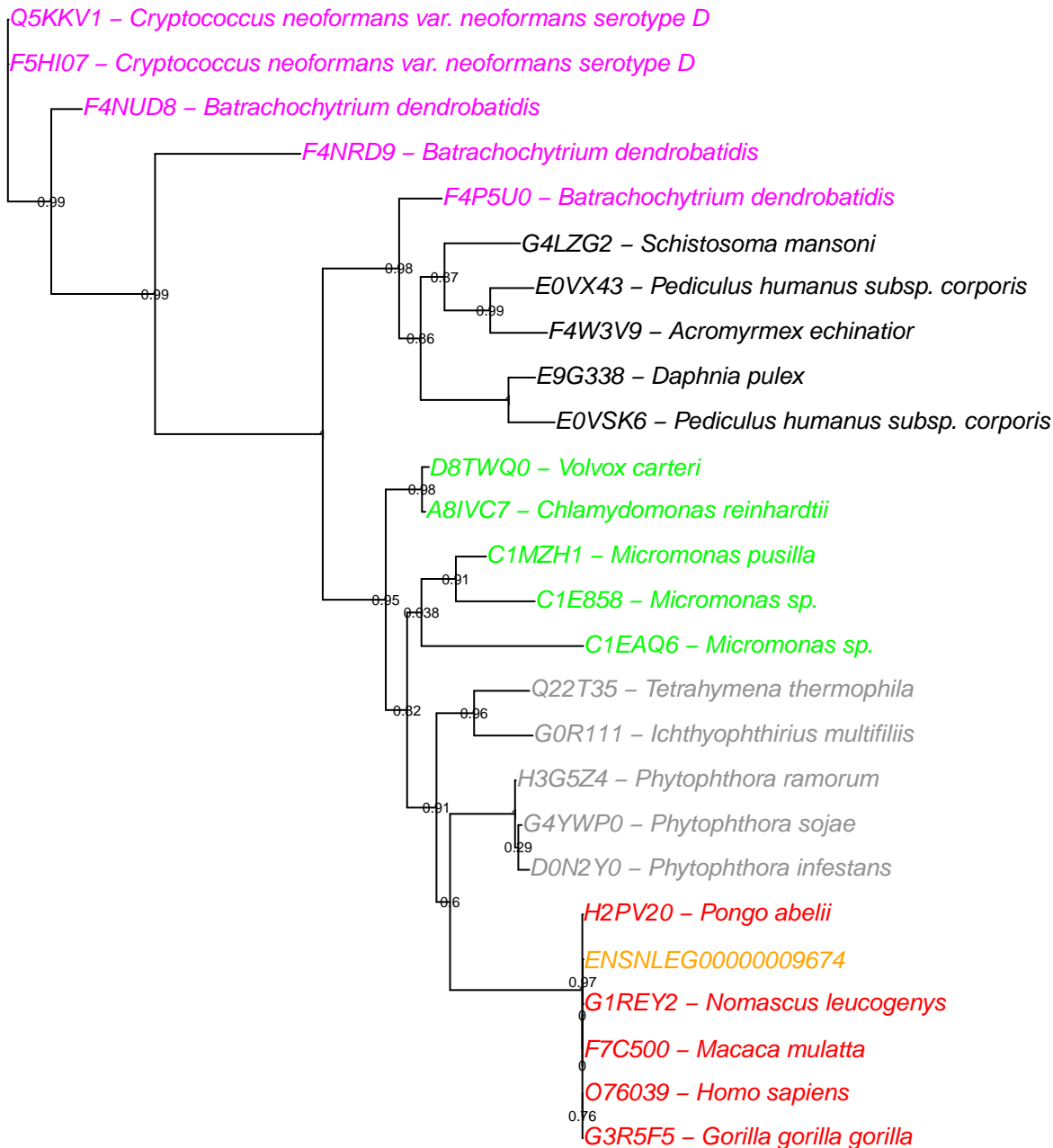


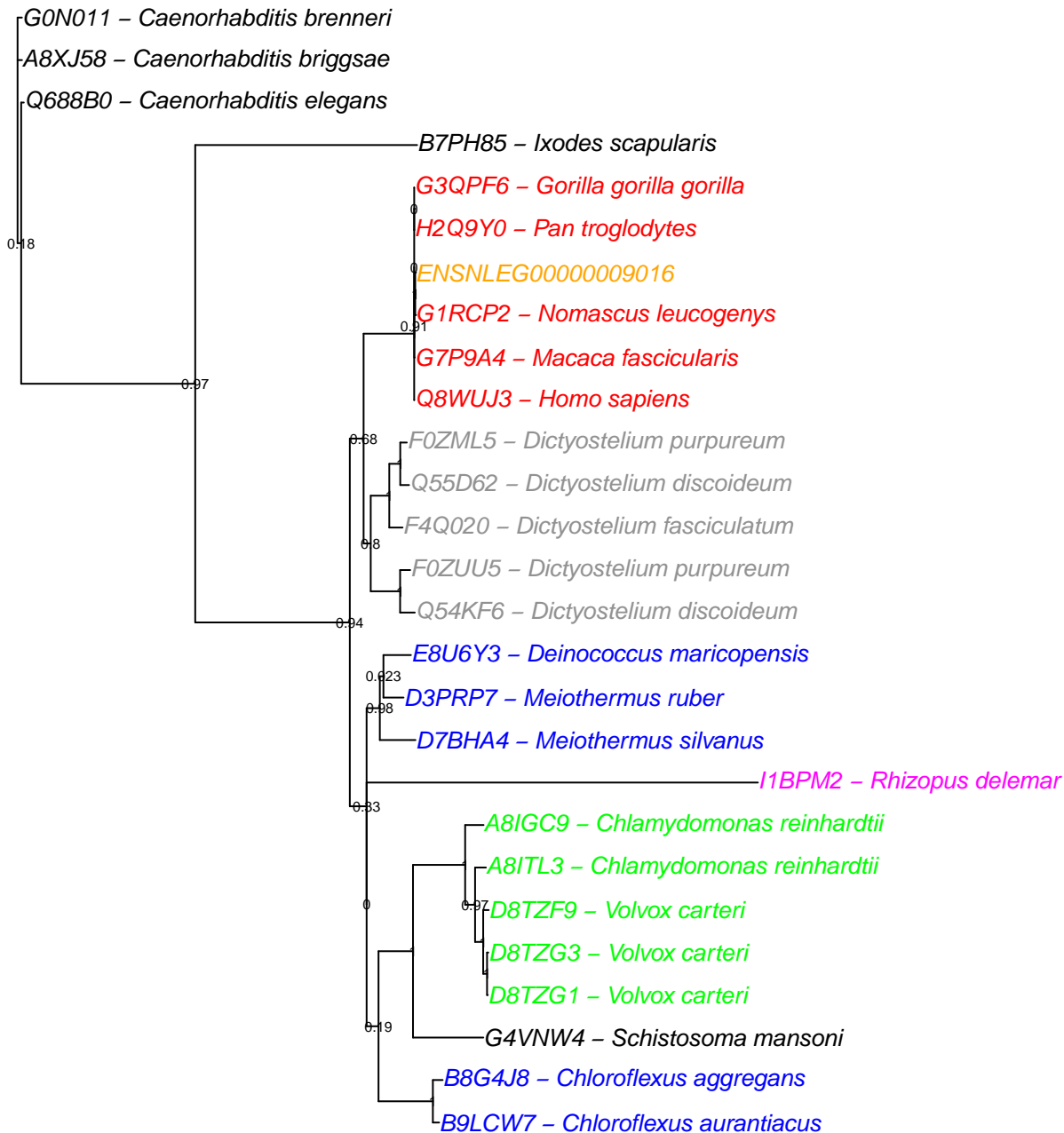


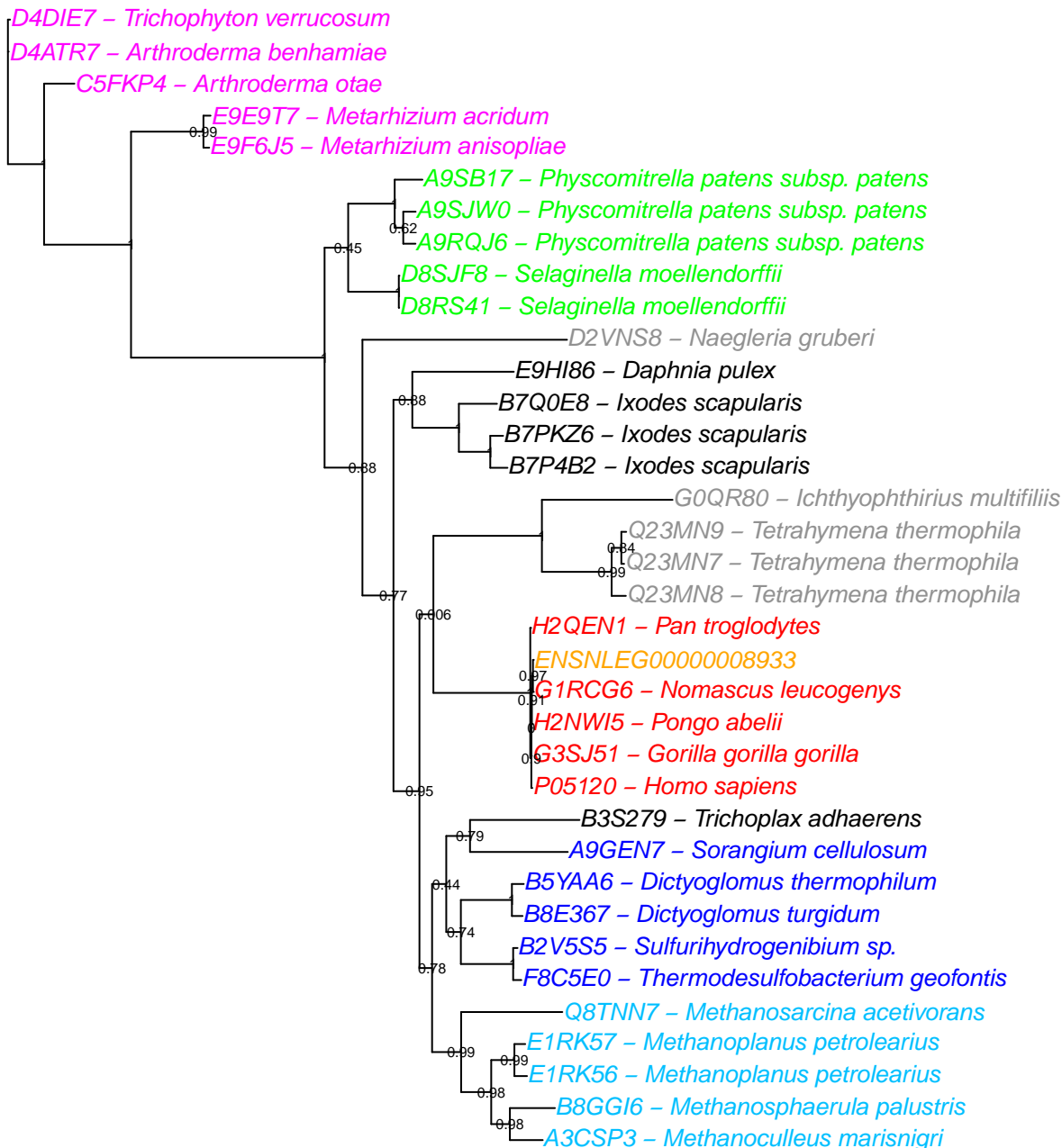


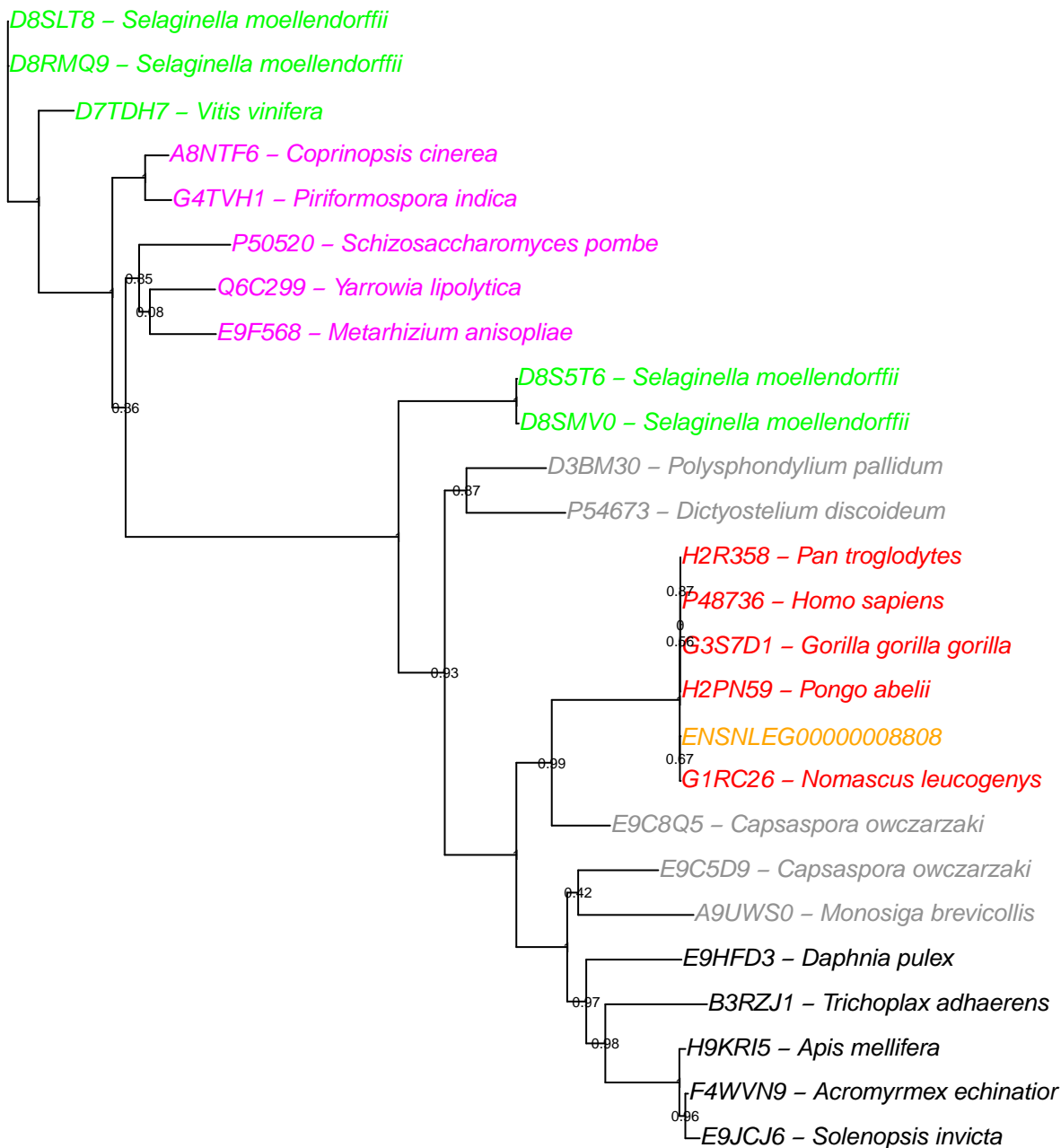


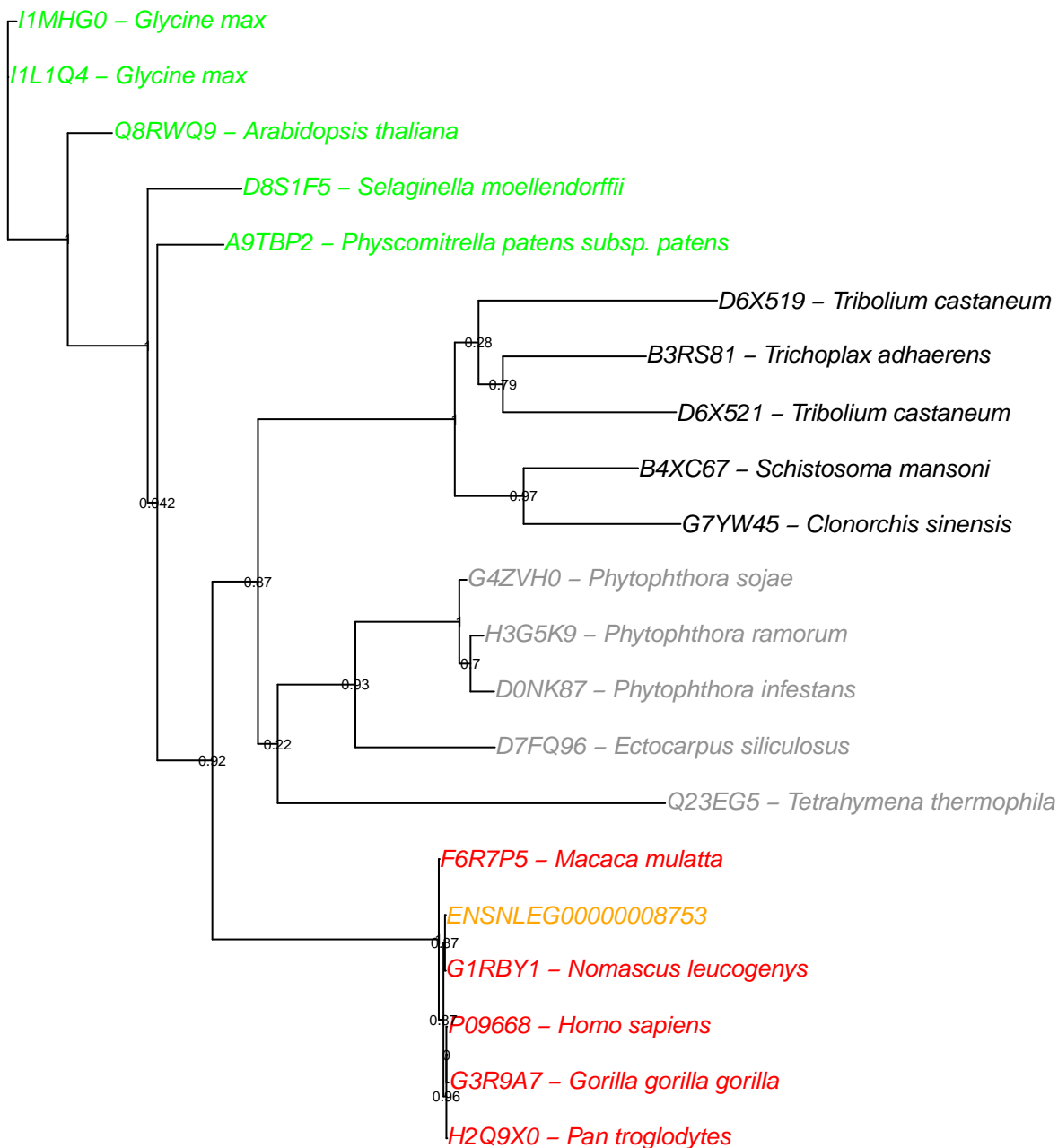


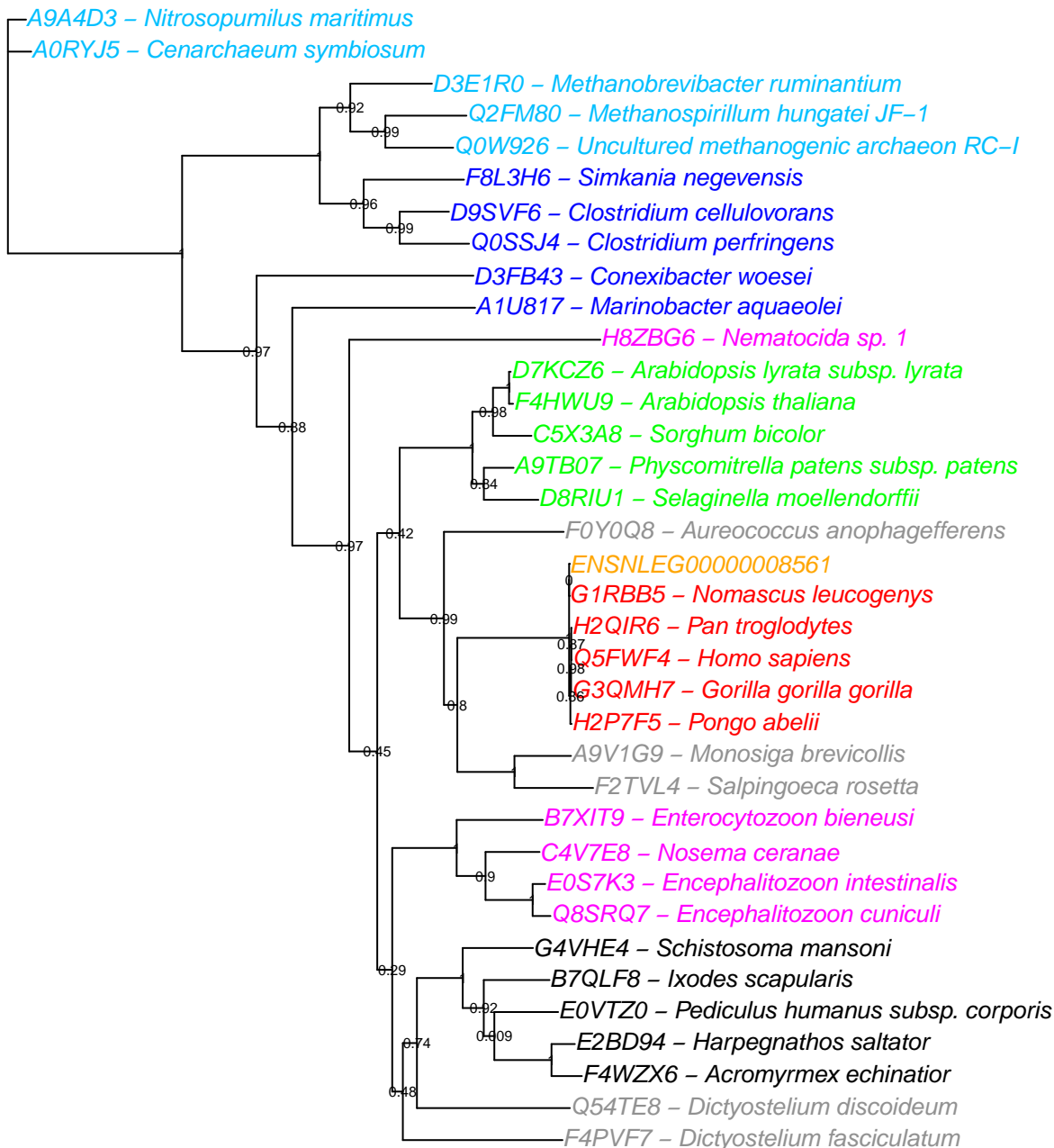




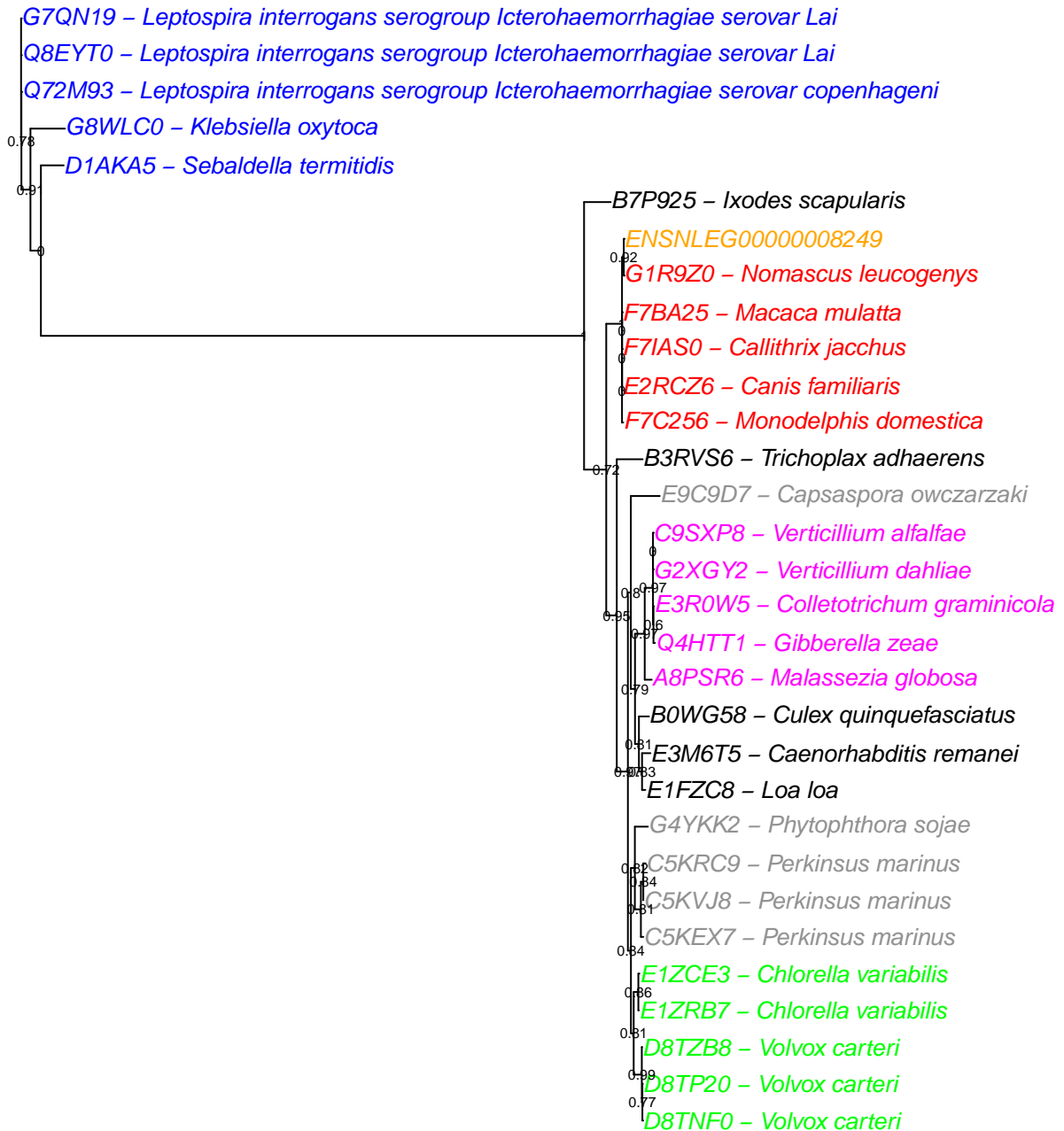


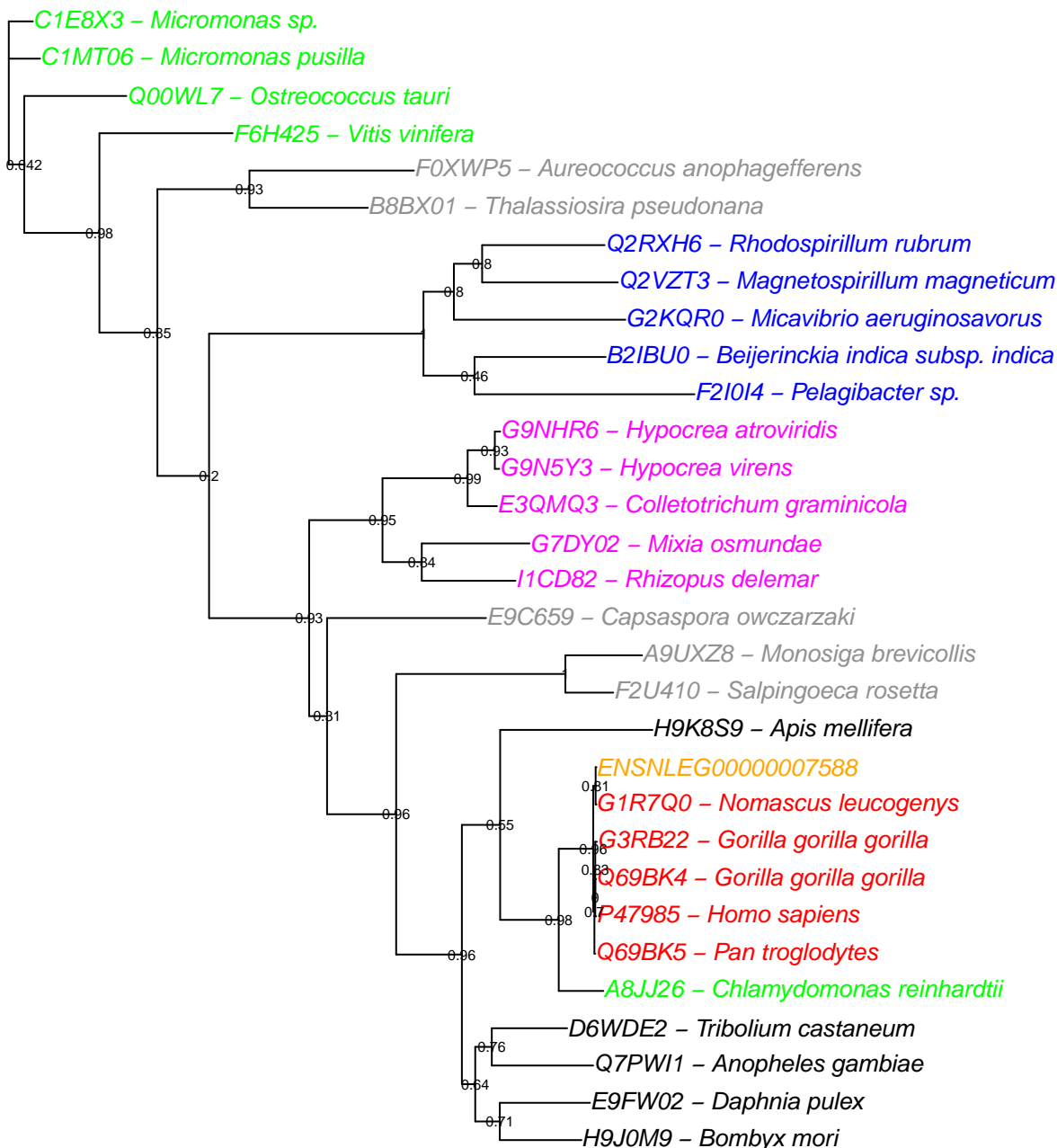


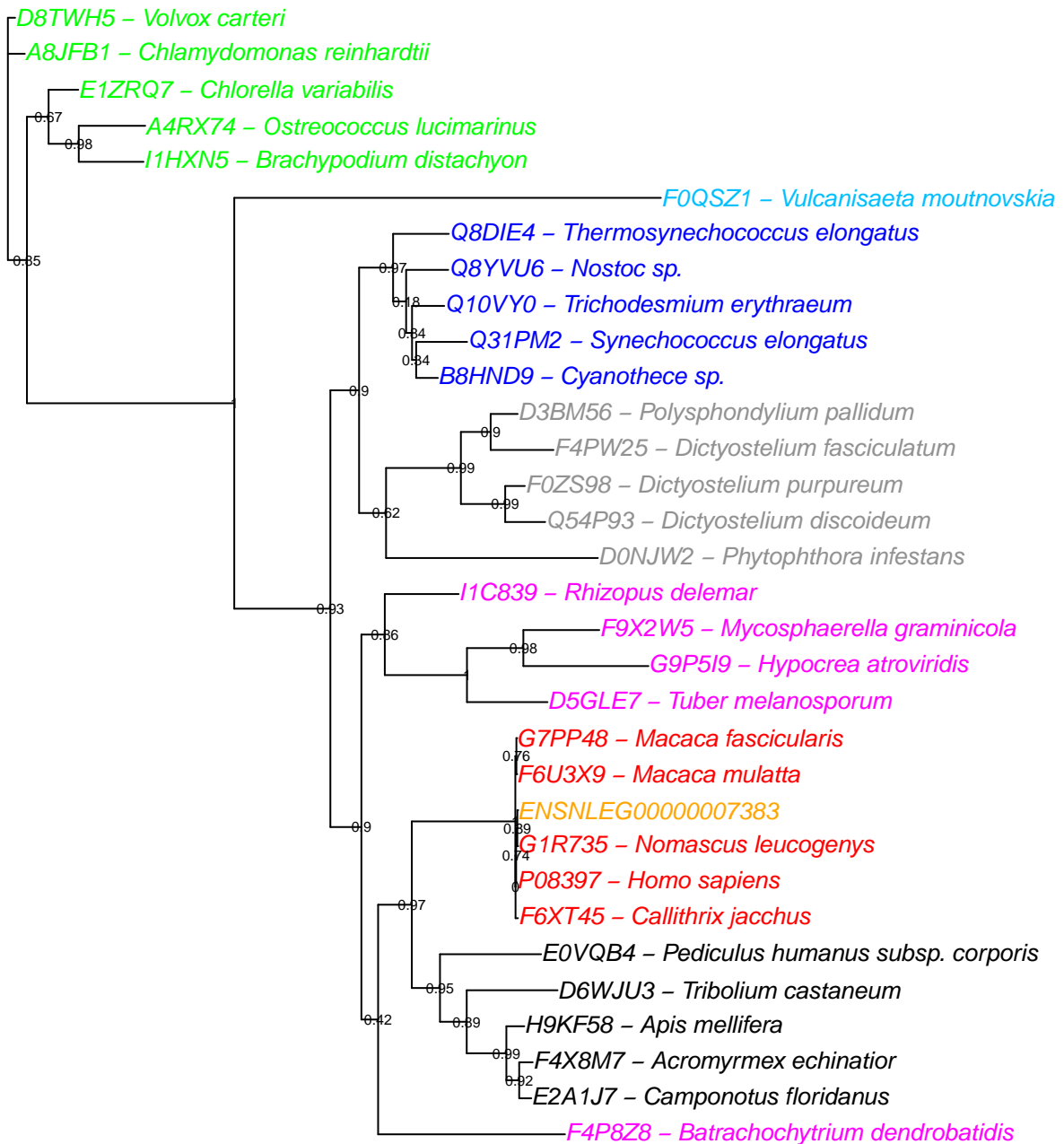






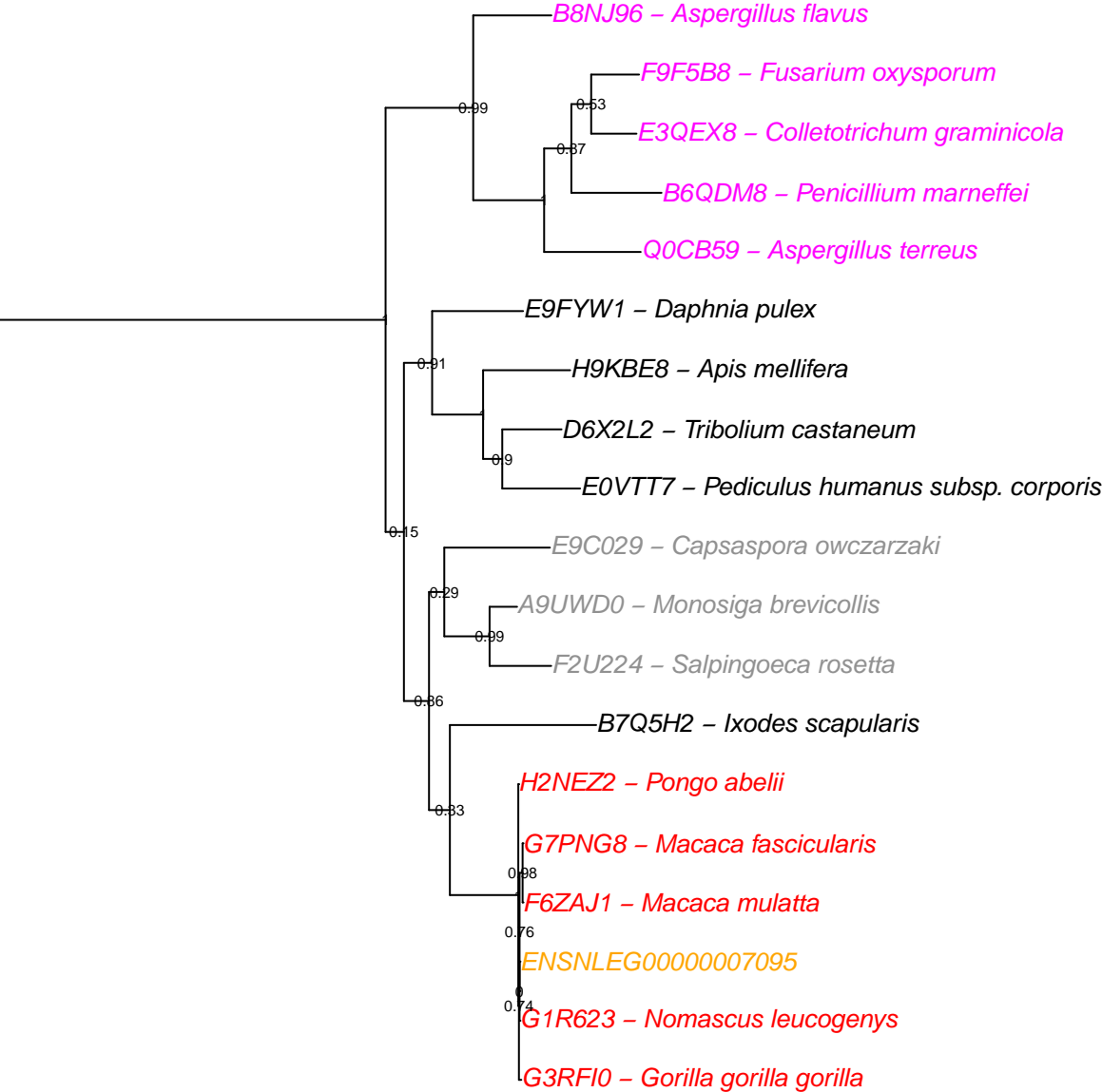


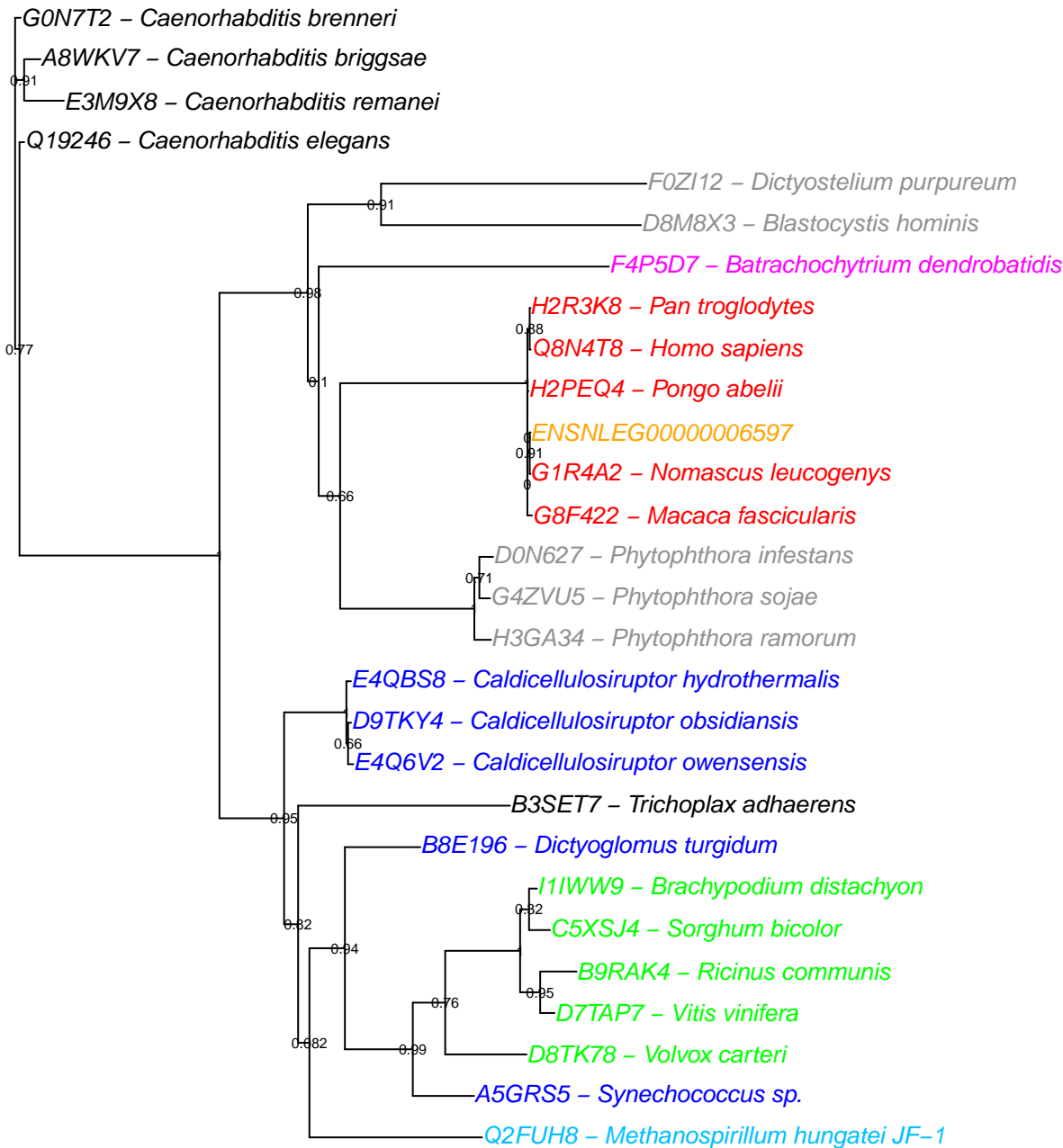


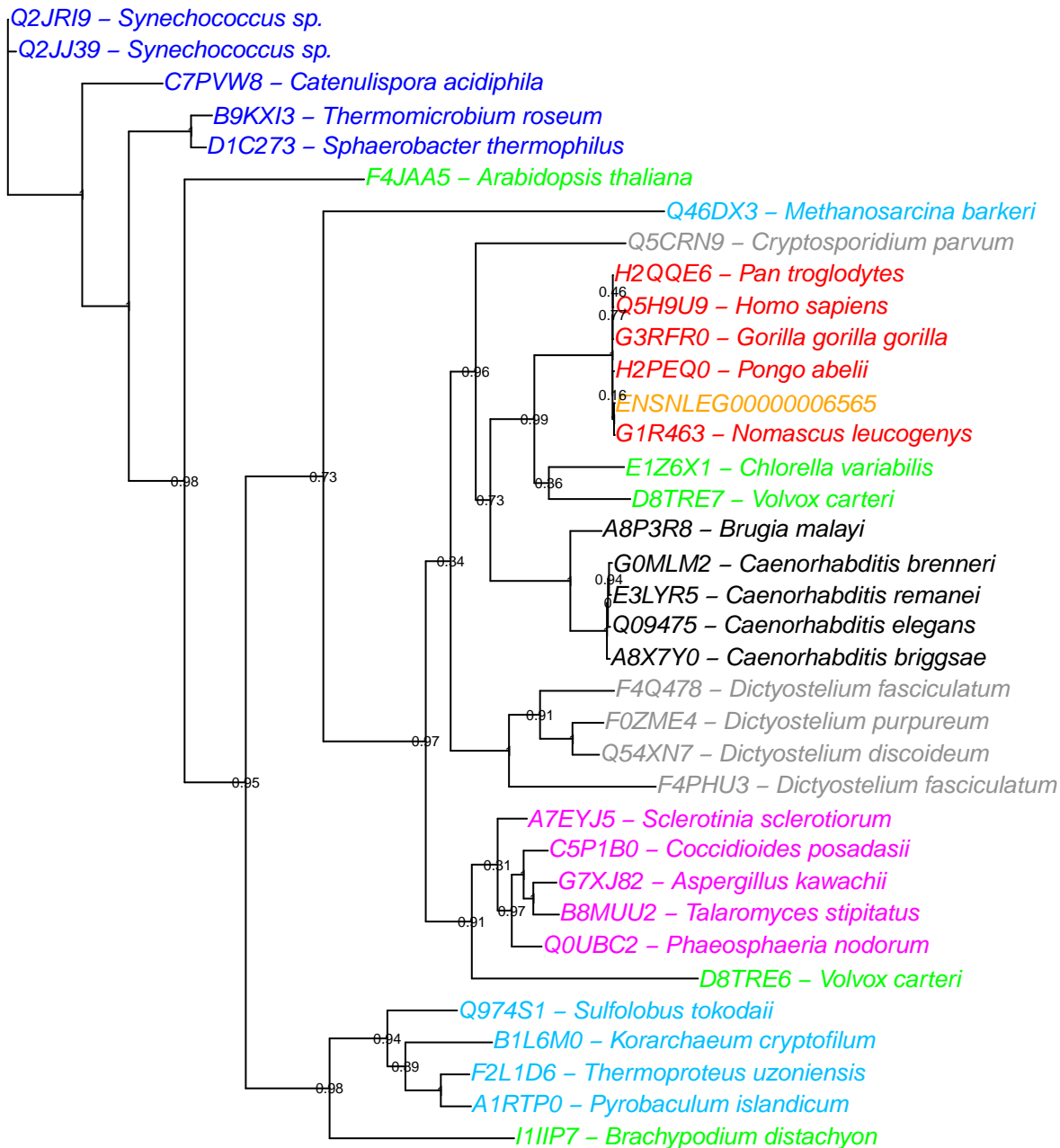


C5M1Q2 – *Perkinsus marinus*

C5LL96 – *Perkinsus marinus*







Q5CMX5 – *Cryptosporidium hominis*

Q5CRN9 – *Cryptosporidium parvum*

C5LT87 – *Perkinsus marinus*

A8P3R8 – *Brugia malayi*

E3LYR5 – *Caenorhabditis remanei*

G0MLM2 – *Caenorhabditis brenneri*

Q09475 – *Caenorhabditis elegans*

A8X7Y0 – *Caenorhabditis briggsae*

G7P6J3 – *Macaca fascicularis*

ENSNLEG000000006542

G1R461 – *Nomascus leucogenys*

H2QQE5 – *Pan troglodytes*

Q8IY21 – *Homo sapiens*

F7FXI3 – *Macaca mulatta*

D8TRE7 – *Volvox carteri*

E1Z6X1 – *Chlorella variabilis*

F4PHU3 – *Dictyostelium fasciculatum*

F4Q478 – *Dictyostelium fasciculatum*

E5A985 – *Leptosphaeria maculans*

A7EYJ5 – *Sclerotinia sclerotiorum*

F9X772 – *Mycosphaerella graminicola*

B8MUU2 – *Talaromyces stipitatus*

A2R2S0 – *Aspergillus niger*

D1C273 – *Sphaerobacter thermophilus*

B9KXI3 – *Thermomicrobium roseum*

G7WFS2 – *Desulfosporosinus orientis*

Q24W91 – *Desulfitobacterium hafniense*

B8G035 – *Desulfitobacterium hafniense*

A8AC11 – *Ignicoccus hospitalis*

E1QUS6 – *Vulcanisaeta distributa*

F2L1D6 – *Thermoproteus uzoniensis*

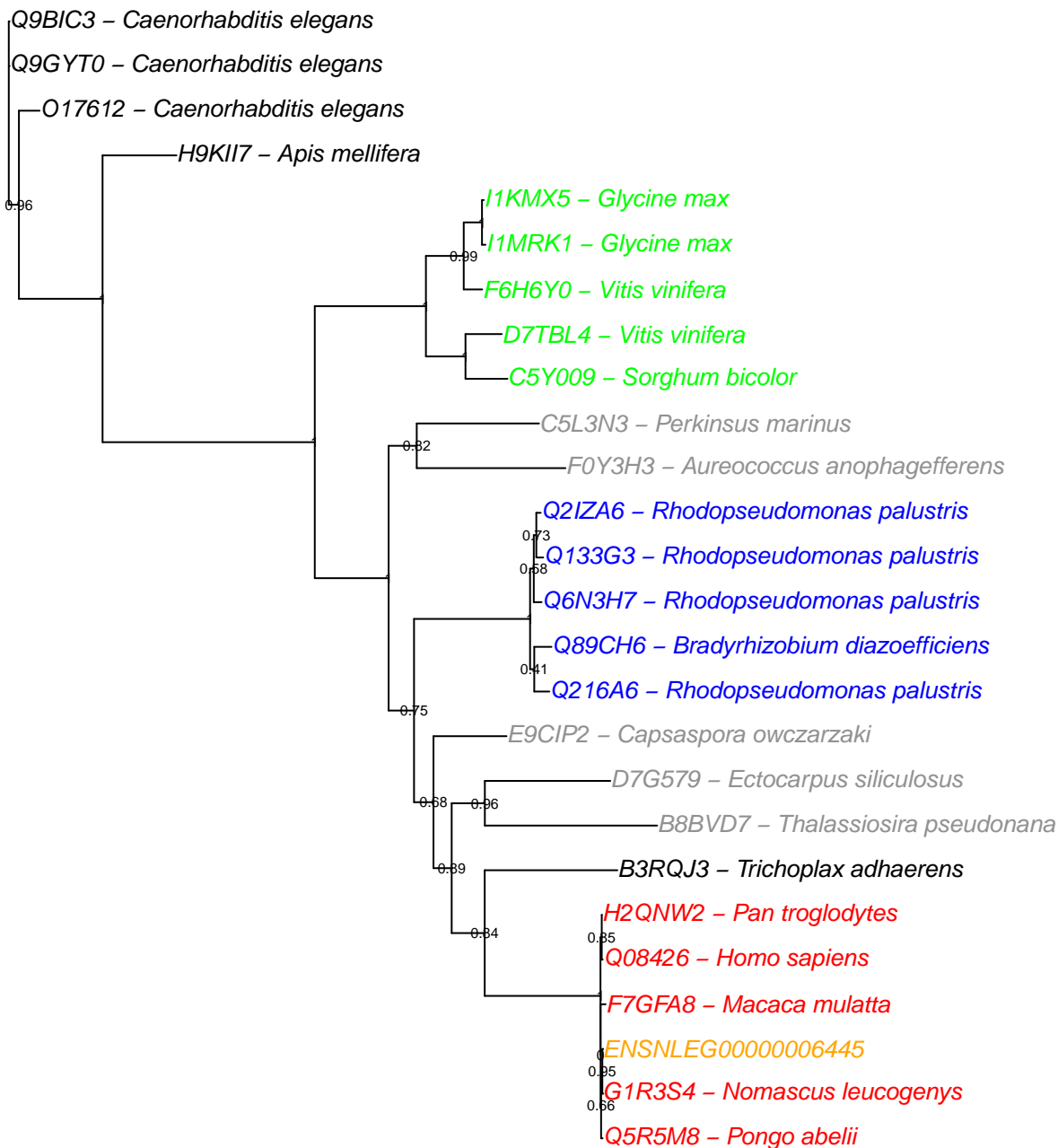
A3MSA1 – *Pyrobaculum calidifontis*

A1RTP0 – *Pyrobaculum islandicum*

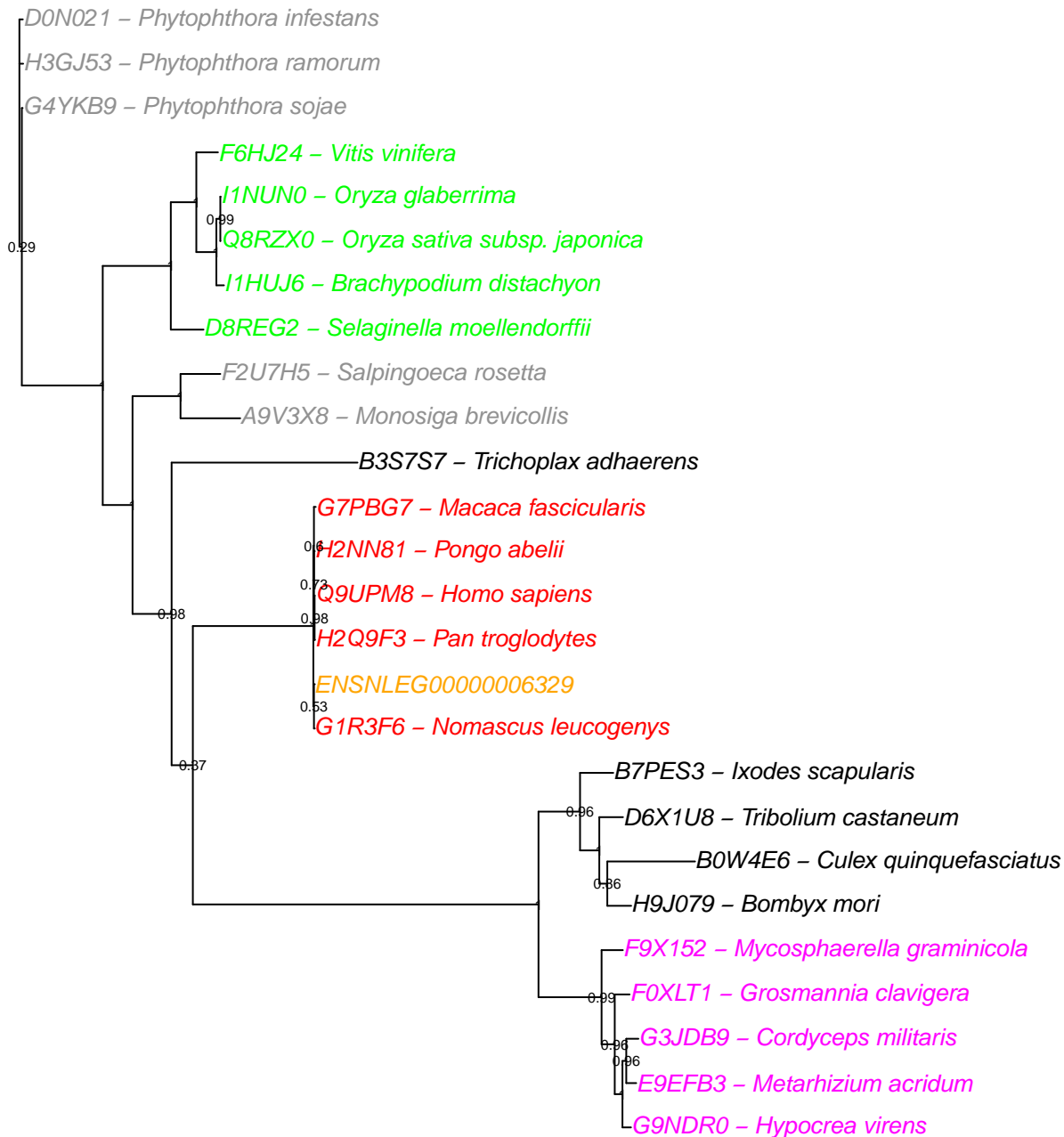
I1IIP7 – *Brachypodium distachyon*

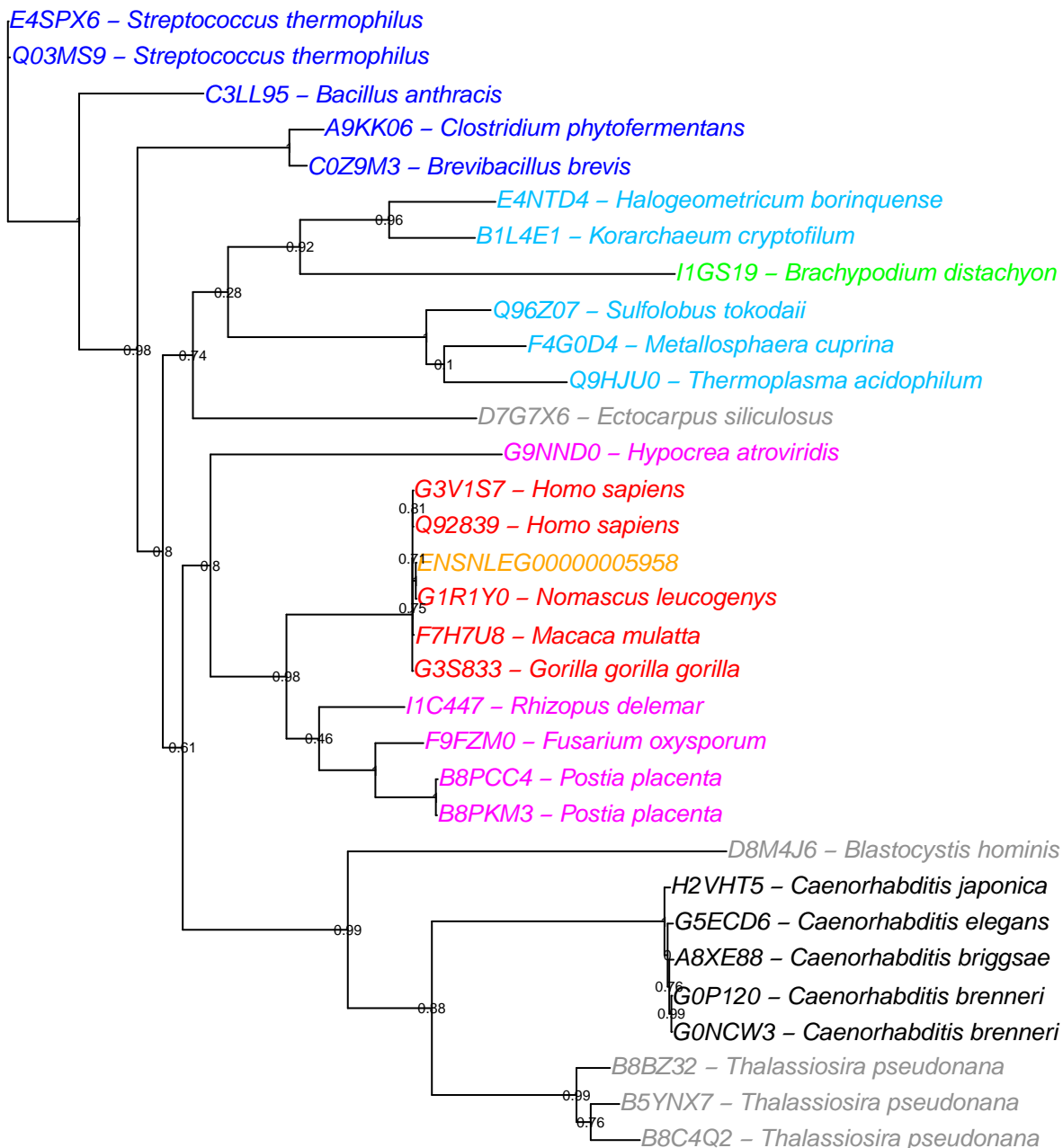
C5YNH8 – *Sorghum bicolor*

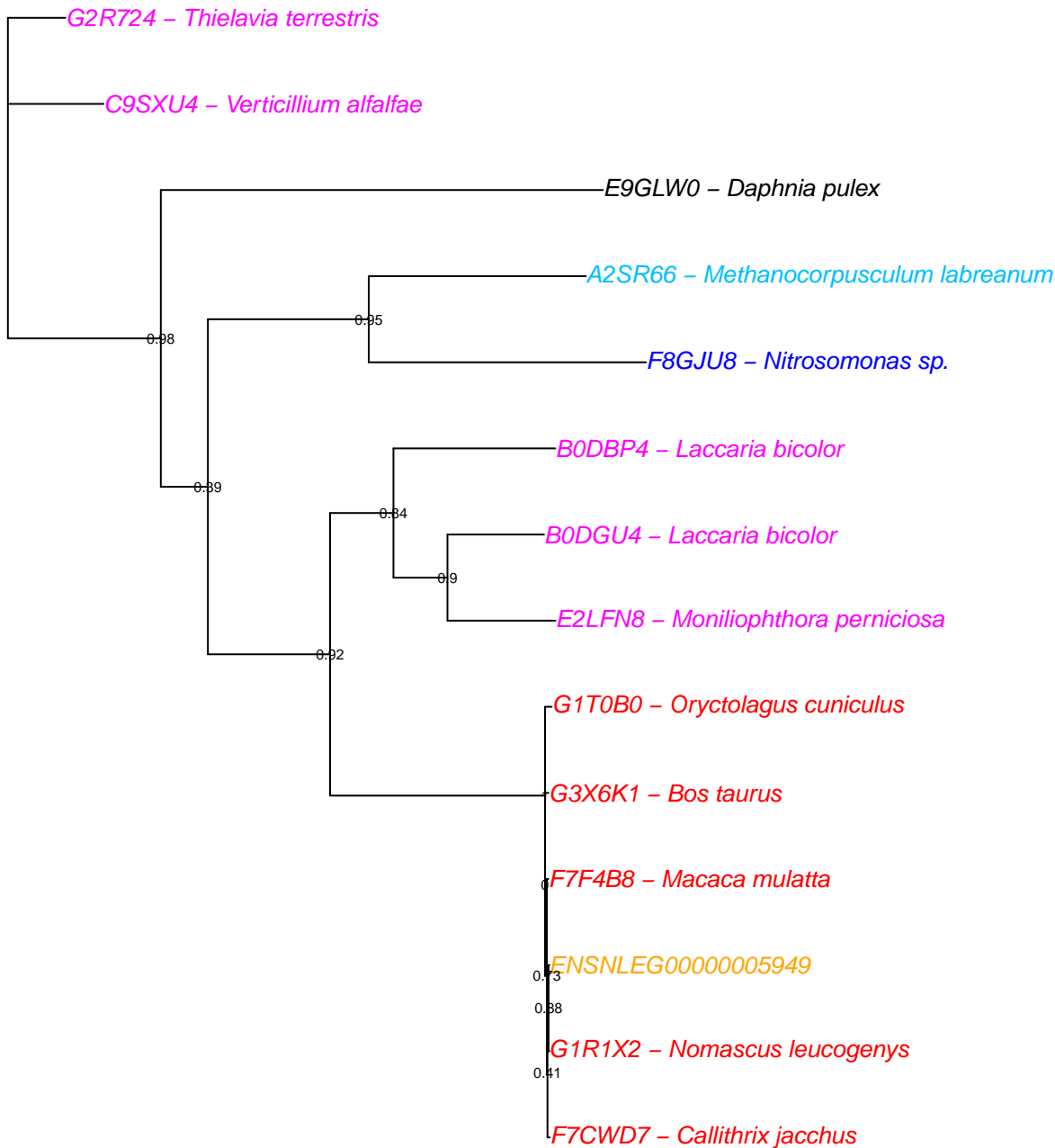
D8TRE6 – *Volvox carteri*

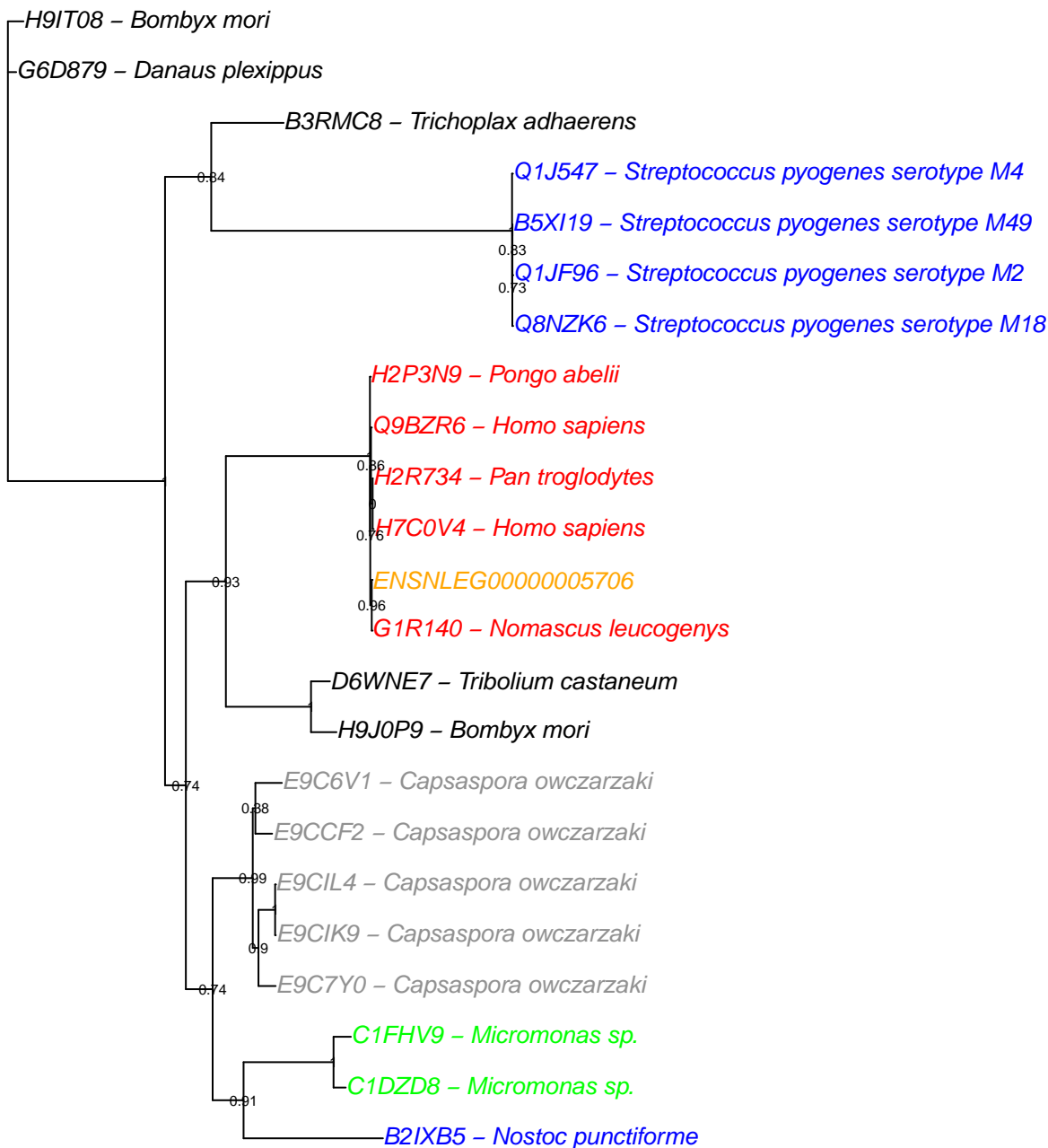


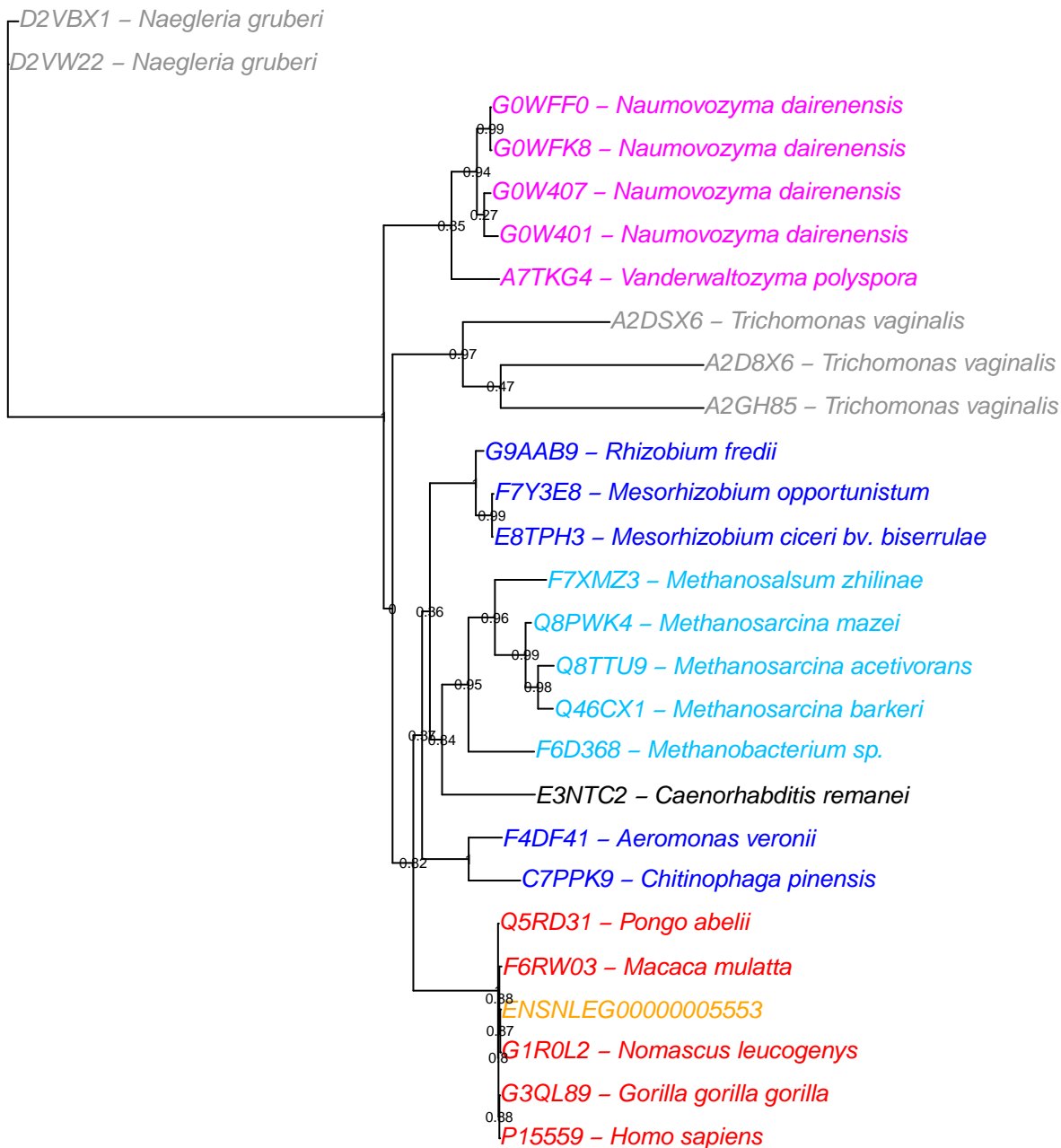


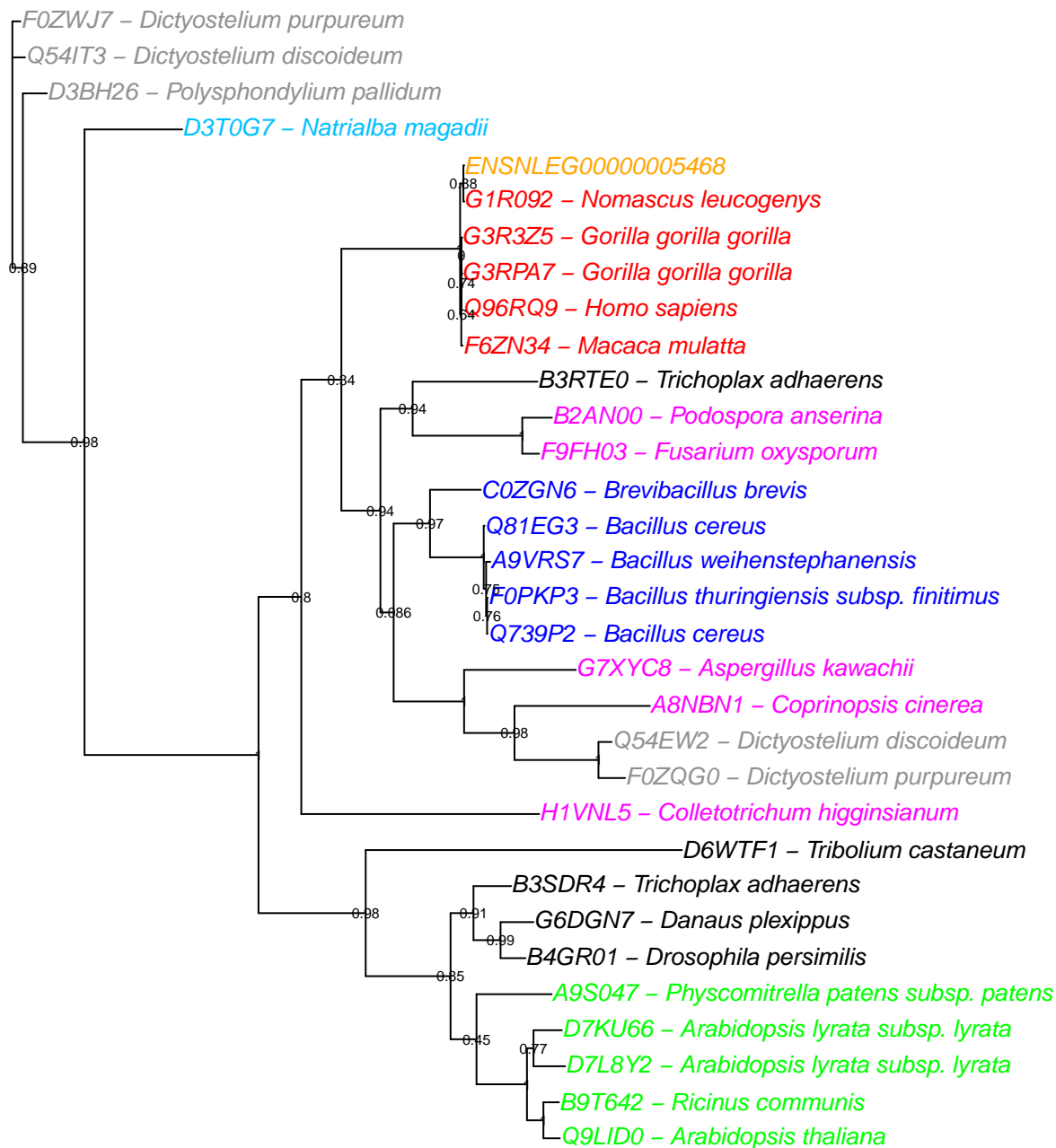


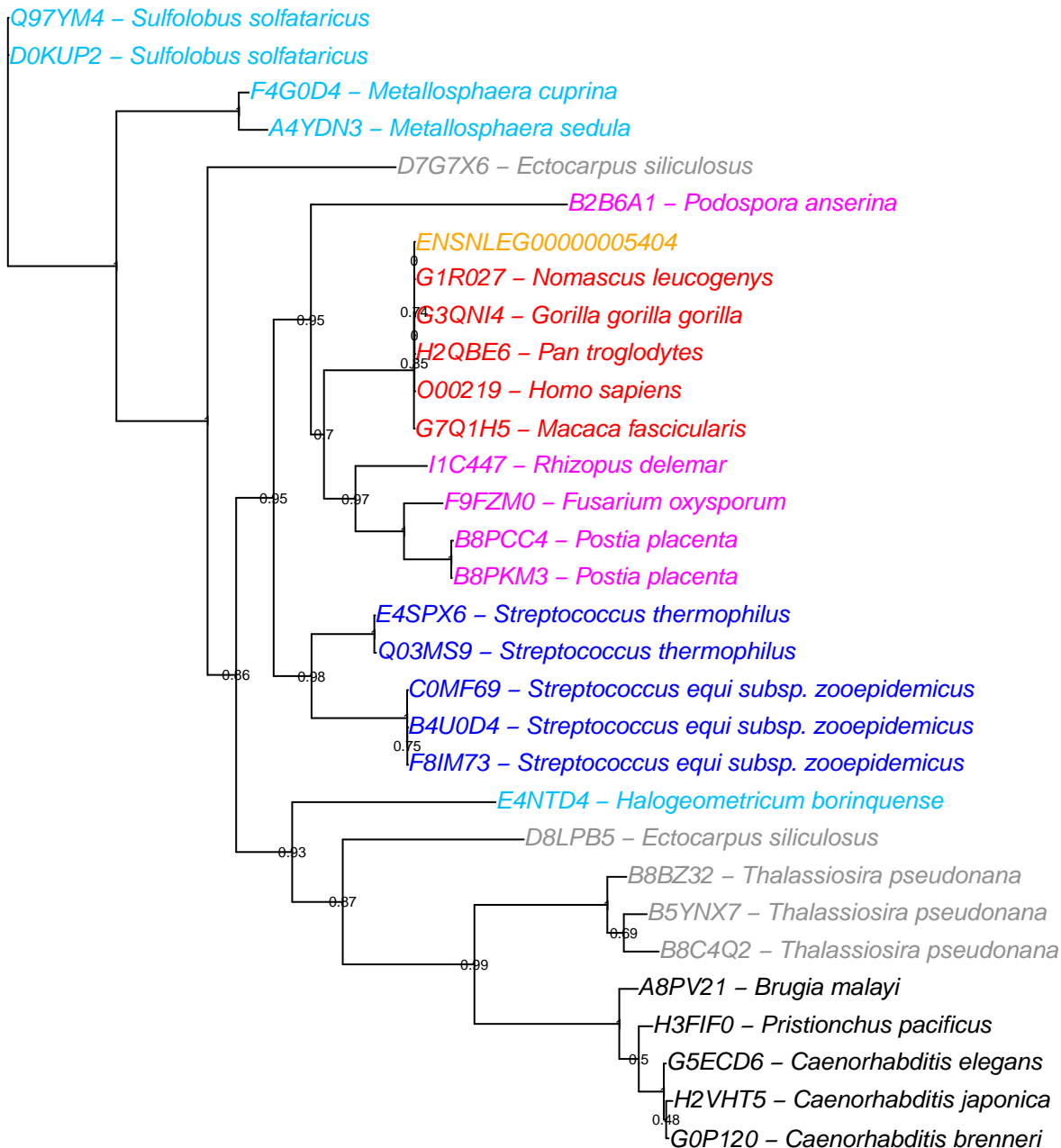


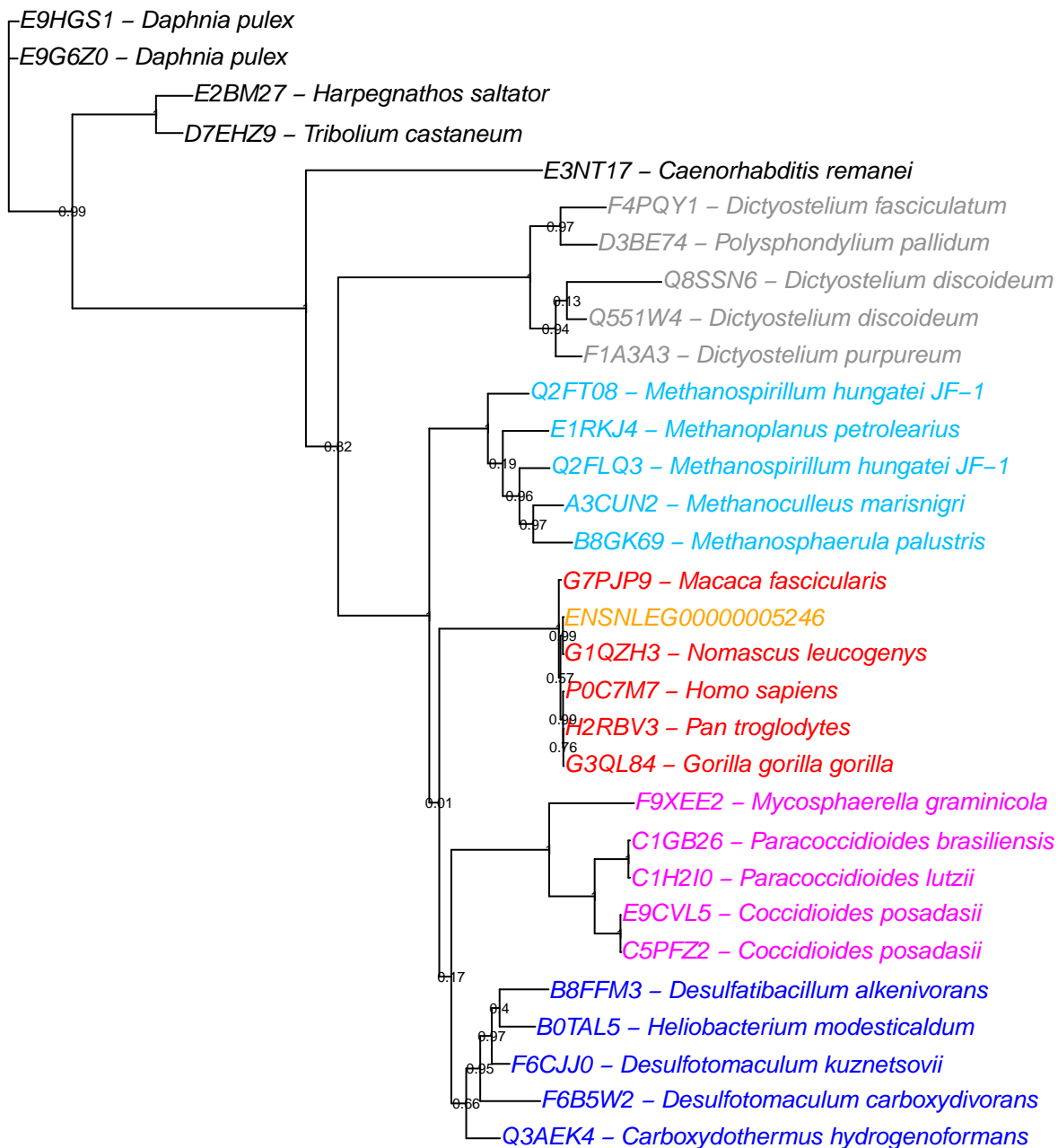




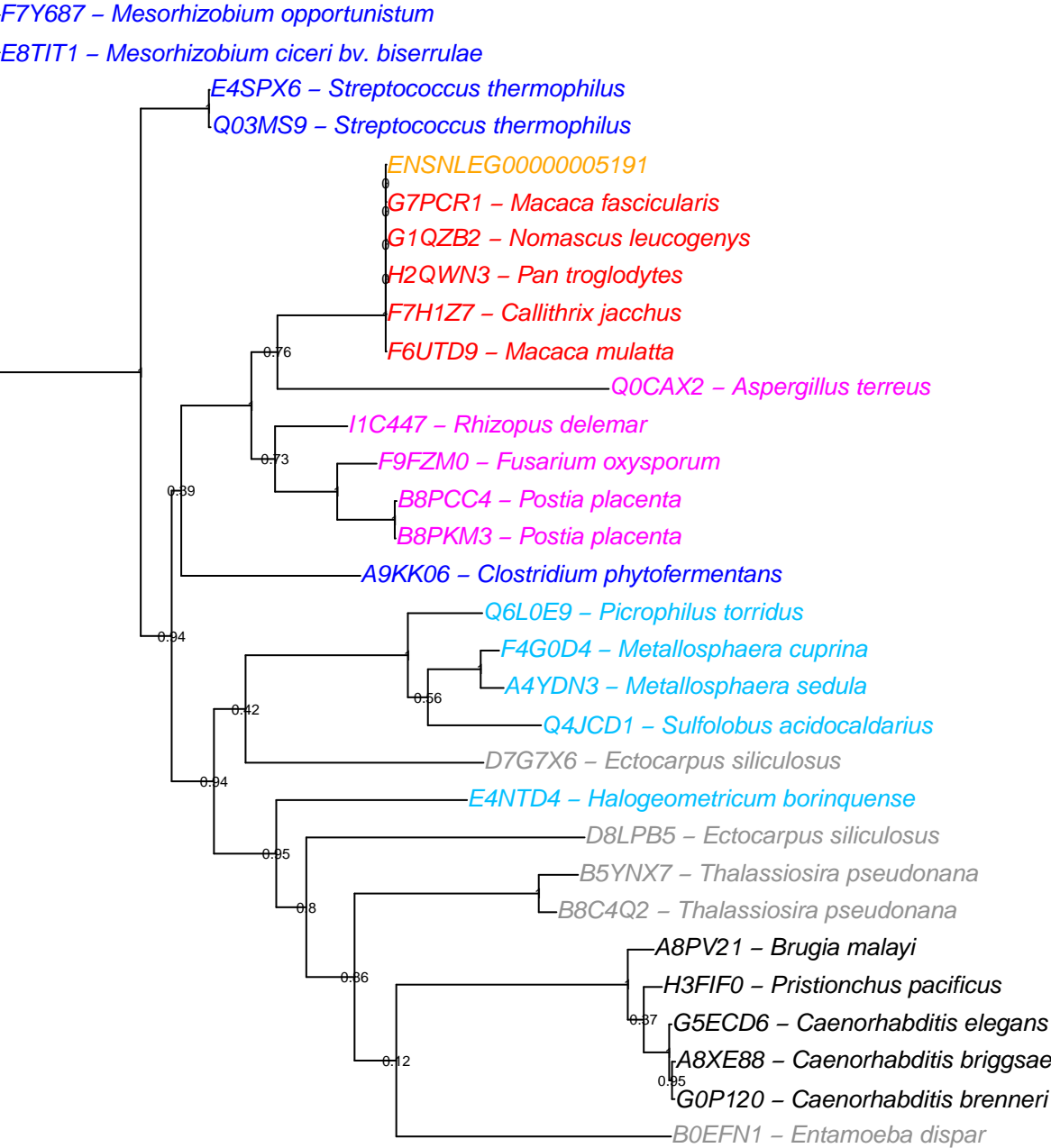


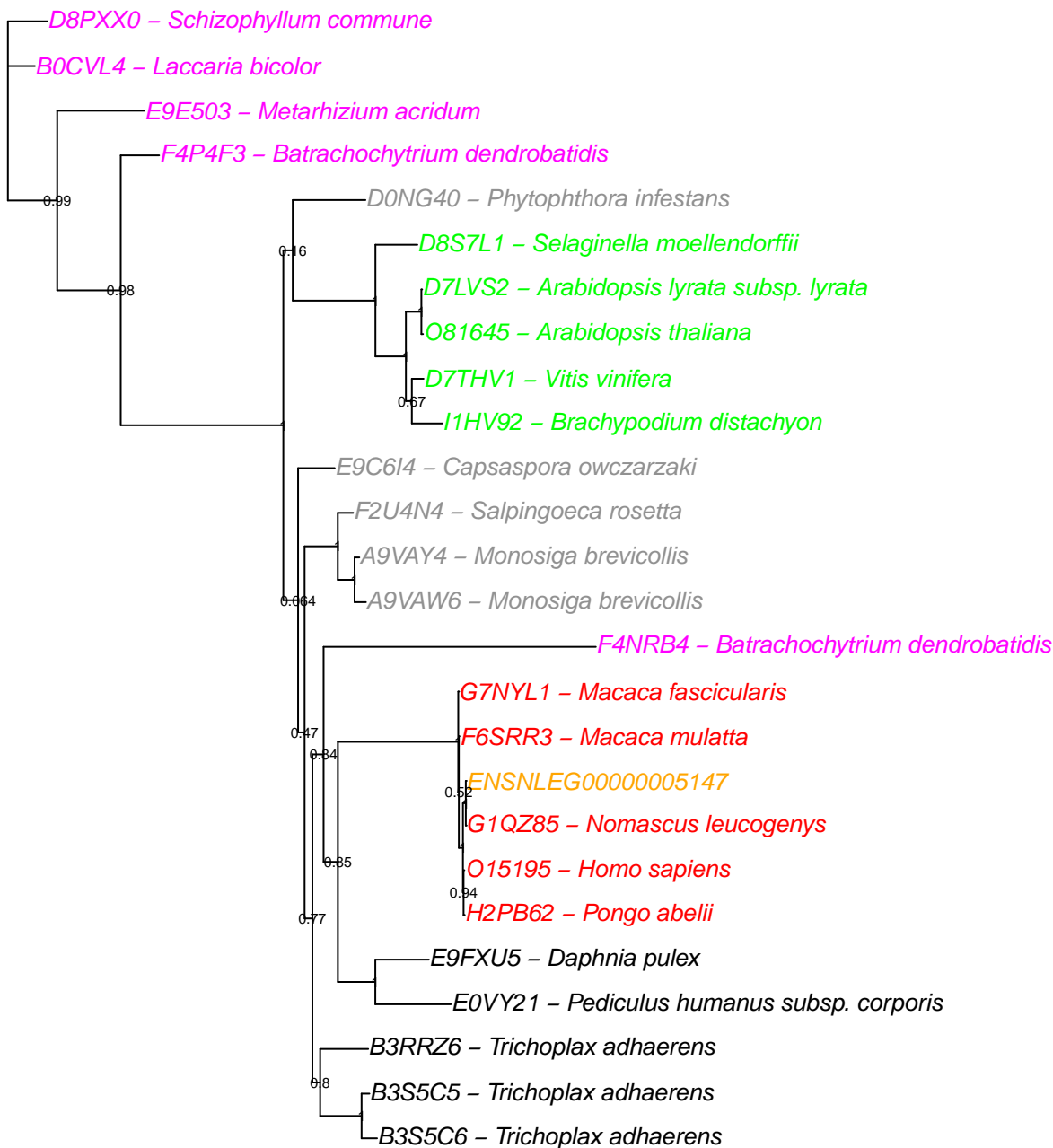


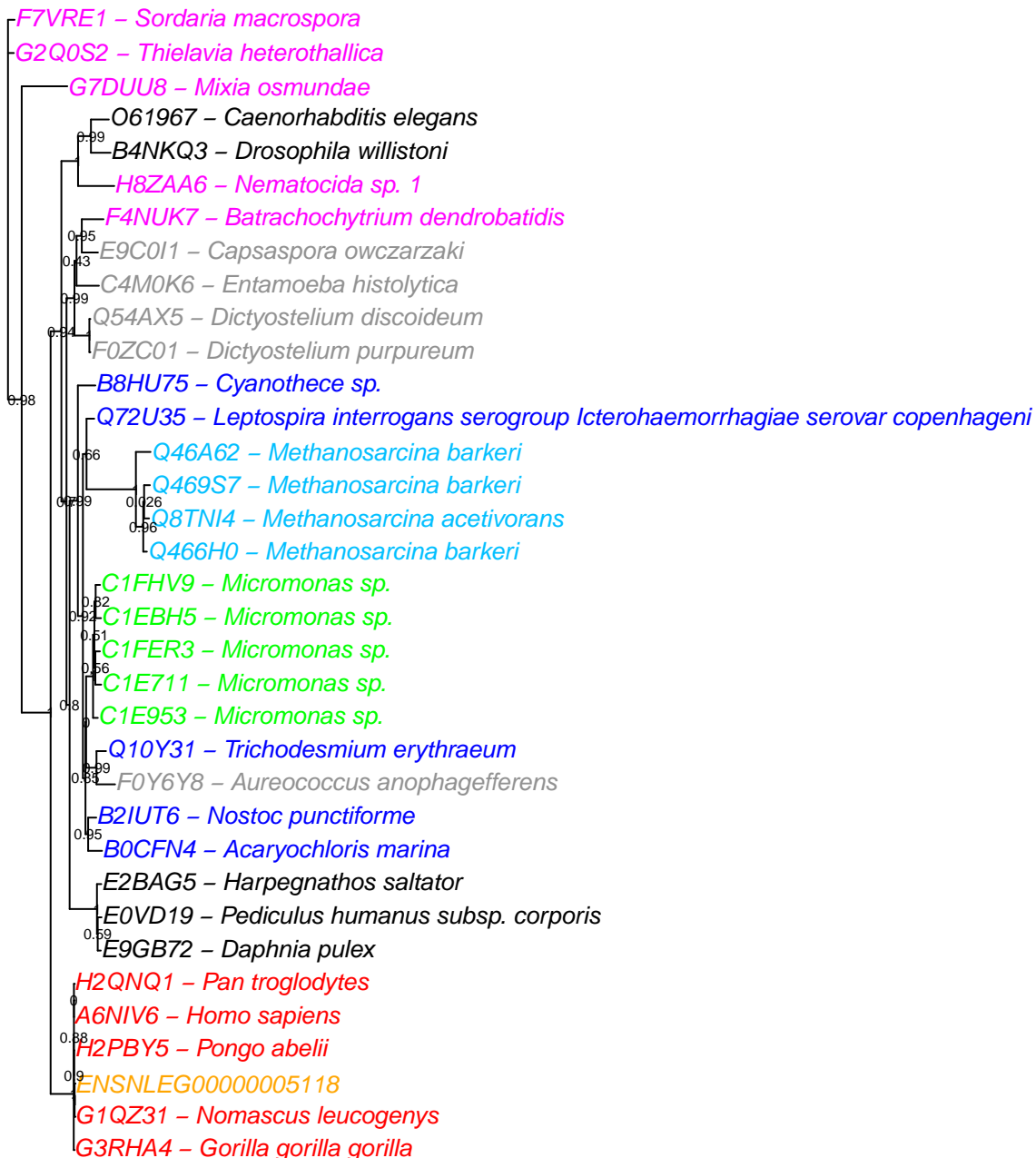


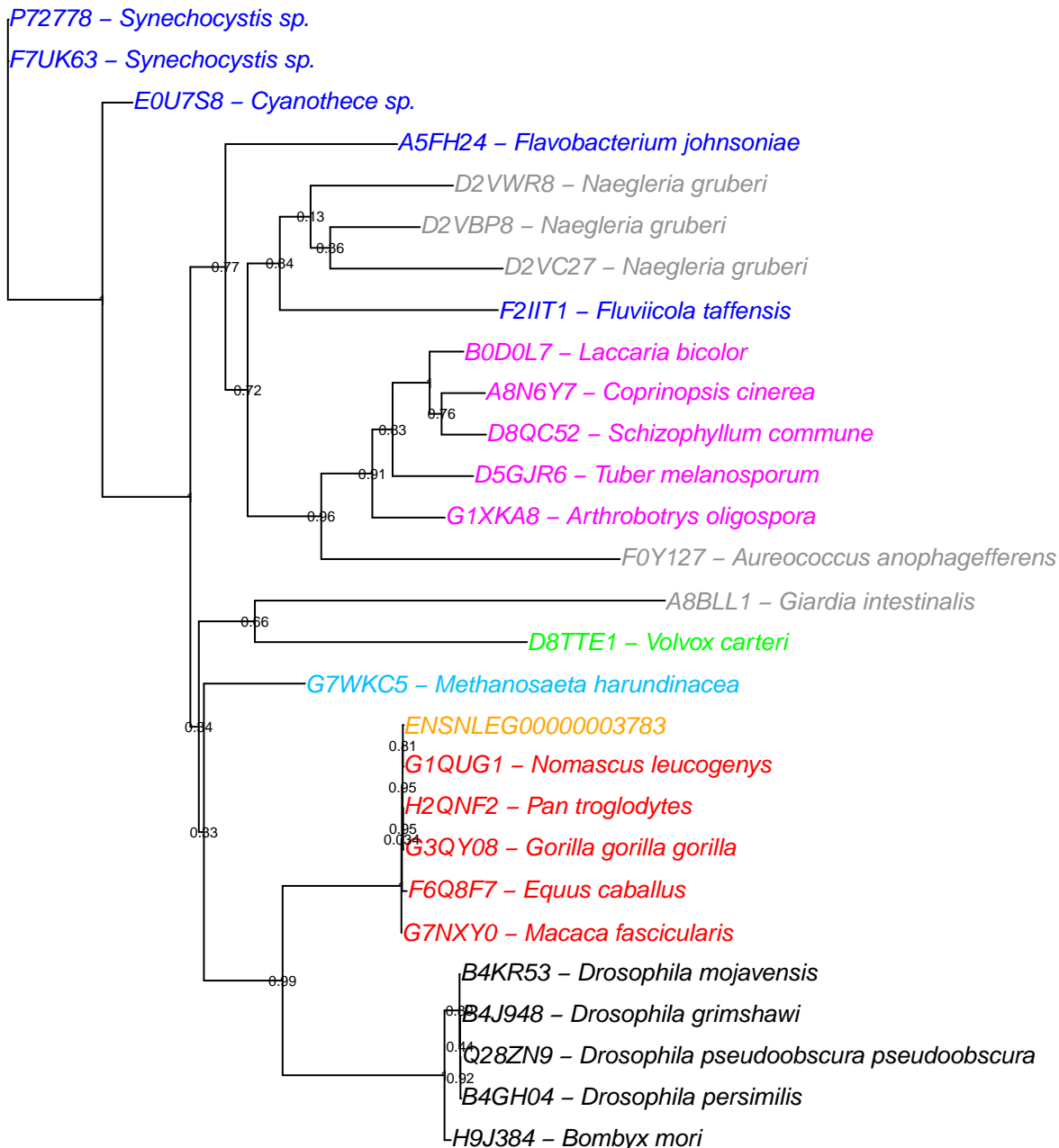


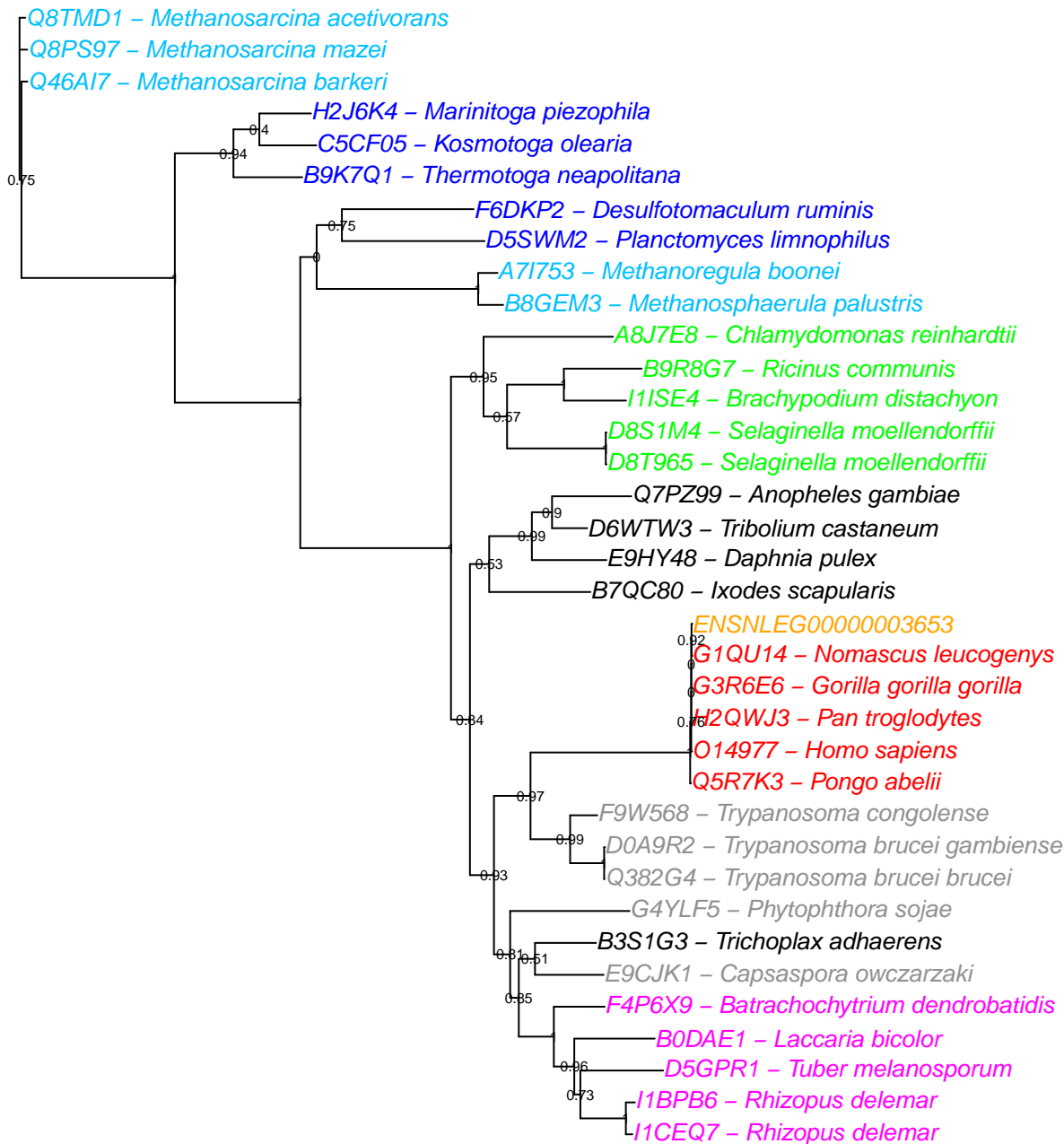












A5VKZ1 – *Lactobacillus reuteri*

B2G8C6 – *Lactobacillus reuteri*

ENSNLEG00000003517

G1QT12 – *Nomascus leucogenys*

Q09666 – *Homo sapiens*

H2QPH0 – *Pan troglodytes*

G1LJN6 – *Ailuropoda melanoleuca*

G1P6V8 – *Myotis lucifugus*

G4VI75 – *Schistosoma mansoni*

G4VI76 – *Schistosoma mansoni*

G4VI77 – *Schistosoma mansoni*

B3L1B6 – *Plasmodium knowlesi*

B3L2C1 – *Plasmodium knowlesi*

A2DNQ9 – *Trichomonas vaginalis*

Q176P4 – *Aedes aegypti*

E9HI76 – *Daphnia pulex*

A6LWL3 – *Clostridium beijerinckii*

D8LB94 – *Ectocarpus siliculosus*

D7FIW6 – *Ectocarpus siliculosus*

G1X3R9 – *Arthrotrrys oligospora*

Q0UTZ6 – *Phaeosphaeria nodorum*

E1ZU33 – *Chlorella variabilis*

E1Z7E0 – *Chlorella variabilis*

0.76

0.96

0.93

0.99

0.96

0.76

0.93

0.22

0.54

0.97

0.75

0.15

Q5V0V2 – *Haloarcula marismortui*

G0HY87 – *Haloarcula hispanica*

Q3IS62 – *Natronomonas pharaonis*

F03T041 – *Natrialba magadii*

D2S1D8 – *Haloterrigena turkmenica*

H0X182 – *Otolemur garnettii*

G7PMY1 – *Macaca fascicularis*

ENSNLEG000000002346

G1QPF3 – *Nomascus leucogenys*

G3SKM5 – *Gorilla gorilla gorilla*

Q9NUZ1 – *Homo sapiens*

B3RYV9 – *Trichoplax adhaerens*

E9C0B2 – *Capsaspora owczarzaki*

B3RJW6 – *Trichoplax adhaerens*

B4GJC0 – *Drosophila persimilis*

Q29JP9 – *Drosophila pseudoobscura pseudoobscura*

B4LQT6 – *Drosophila virilis*

I1C384 – *Rhizopus delemar*

I1BWV6 – *Rhizopus delemar*

E3JQQ0 – *Puccinia graminis f. sp. tritici*

Q5KEJ4 – *Cryptococcus neoformans* var. *neoformans* serotype D

F5HGF0 – *Cryptococcus neoformans* var. *neoformans* serotype D

F1A2F0 – *Dictyostelium purpureum*

Q54II1 – *Dictyostelium discoideum*

Q55CT6 – *Dictyostelium discoideum*

F1A1B8 – *Dictyostelium purpureum*

G0J6F1 – *Cyclobacterium marinum*

A5FEF7 – *Flavobacterium johnsoniae*

Q096A6 – *Stigmatella aurantiaca*

H8MFT9 – *Corallococcus coralloides*

Q1CYG7 – *Myxococcus xanthus*

O65201 – *Arabidopsis thaliana*

D7MT79 – *Arabidopsis lyrata* subsp. *lyrata*

I1R1I2 – *Oryza glaberrima*

A9U5G8 – *Physcomitrella patens* subsp. *patens*

A9RKQ1 – *Physcomitrella patens* subsp. *patens*

