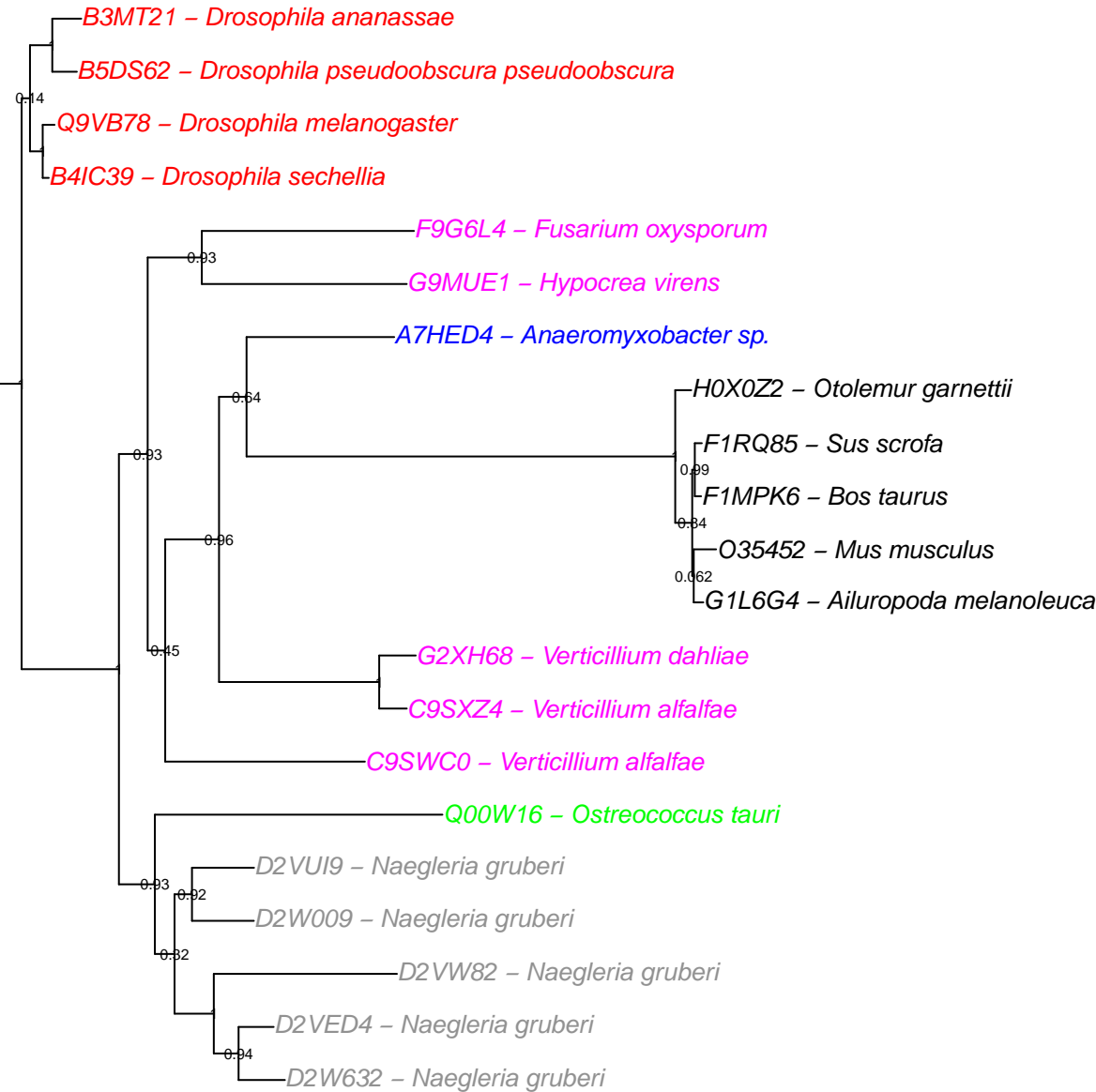
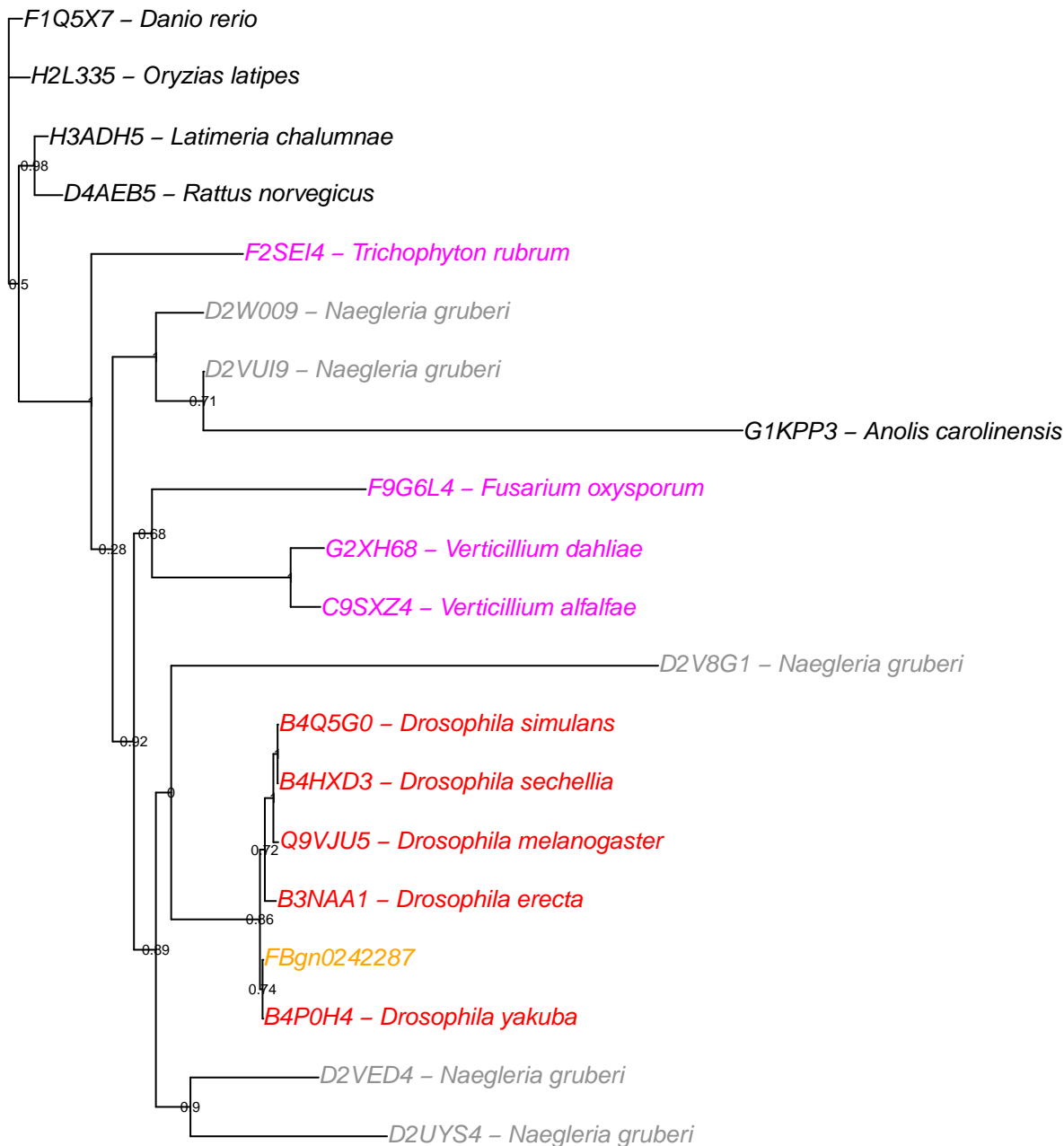
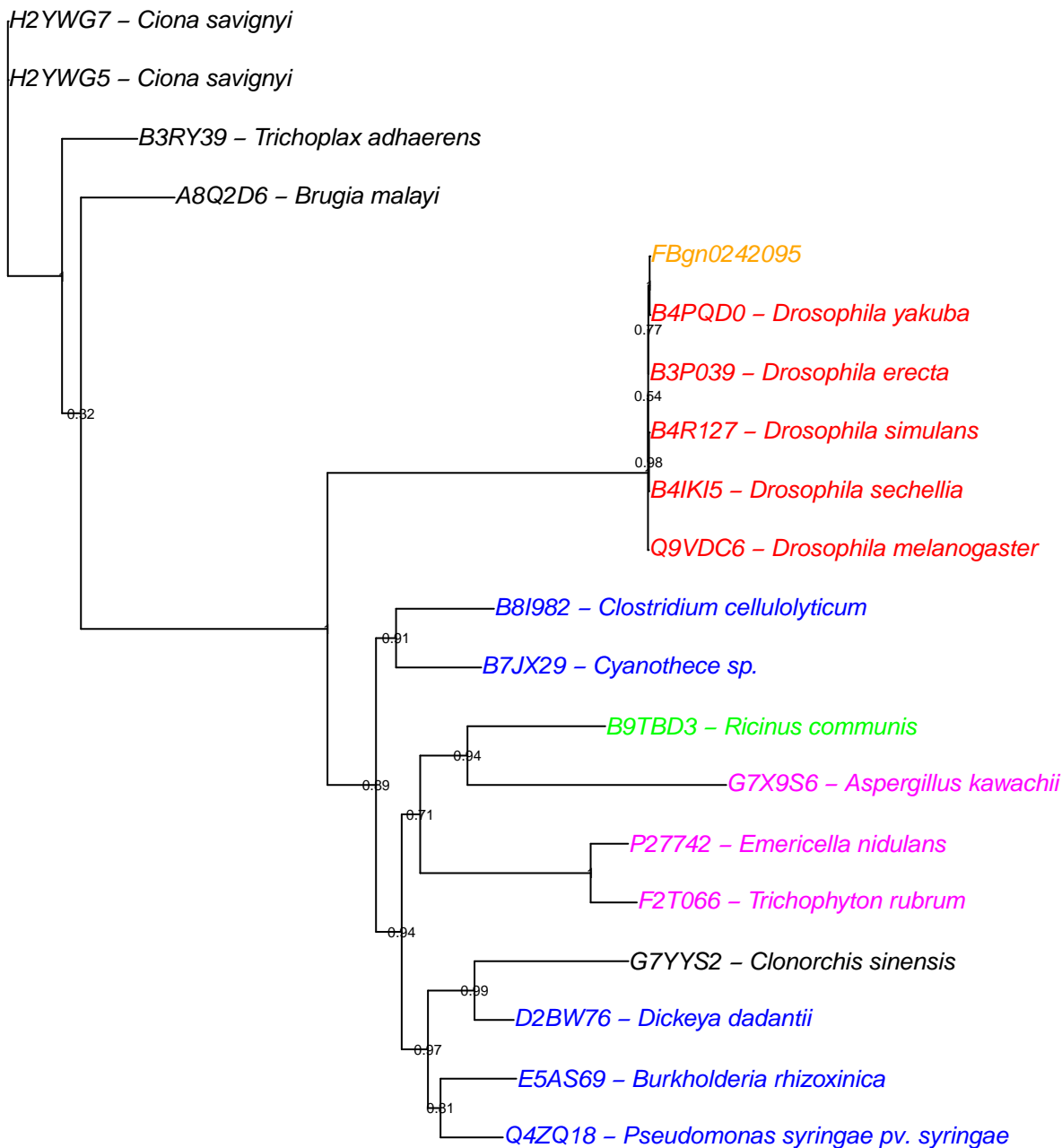


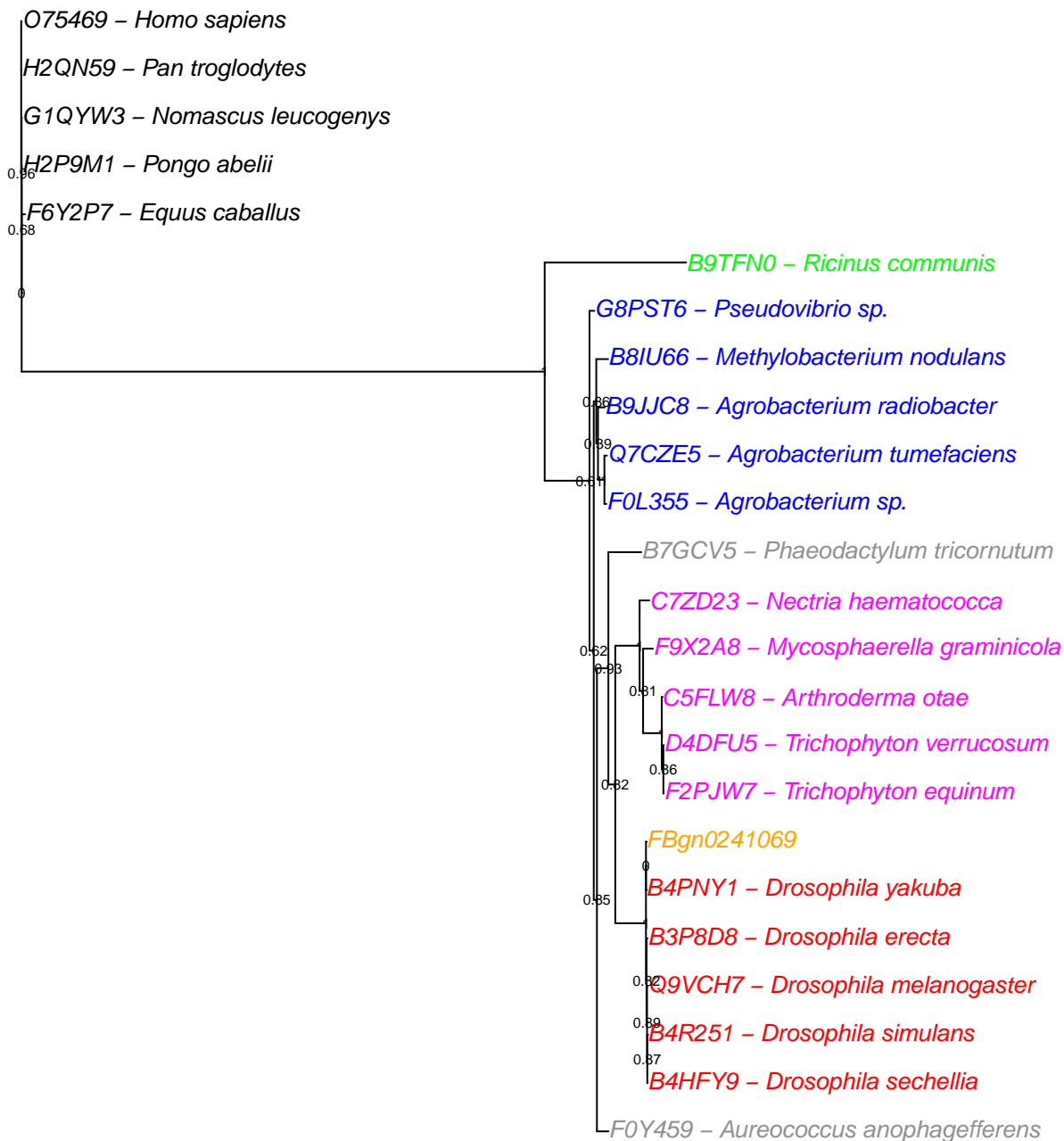
FBgn0228444

B4PRV5 – *Drosophila yakuba*









Q06852 – *Clostridium thermocellum*

E6UU83 – *Clostridium thermocellum*

E8UK11 – *Streptococcus suis*

D5AFN2 – *Streptococcus suis*

A0LDP7 – *Magnetococcus* sp.

D3SYC9 – *Natrialba magadii*

G1X3Y3 – *Arthrobotrys oligospora*

G0SDS5 – *Chaetomium thermophilum*

D0A0Q7 – *Trypanosoma brucei gambiense*

A2E5Y7 – *Trichomonas vaginalis*

B6Q6N2 – *Penicillium marneffei*

C7YRX8 – *Nectria haematococca*

A7TJN8 – *Vanderwaltozyma polyspora*

G4ZZ67 – *Phytophthora sojae*

H3GVS3 – *Phytophthora ramorum*

C5KMK0 – *Perkinsus marinus*

Q2FKR0 – *Methanospirillum hungatei* JF–1

A9U407 – *Physcomitrella patens* subsp. *patens*

D8S0I6 – *Selaginella moellendorffii*

G5C321 – *Heterocephalus glaber*

A9A609 – *Nitrosopumilus maritimus*

D8TGA4 – *Selaginella moellendorffii*

D8S8M4 – *Selaginella moellendorffii*

D8TFS3 – *Selaginella moellendorffii*

A0RY40 – *Cenarchaeum symbiosum*

B3LWZ3 – *Drosophila ananassae*

FBgn0240716

B4PV00 – *Drosophila yakuba*

B3P6U5 – *Drosophila erecta*

Q9VC00 – *Drosophila melanogaster*

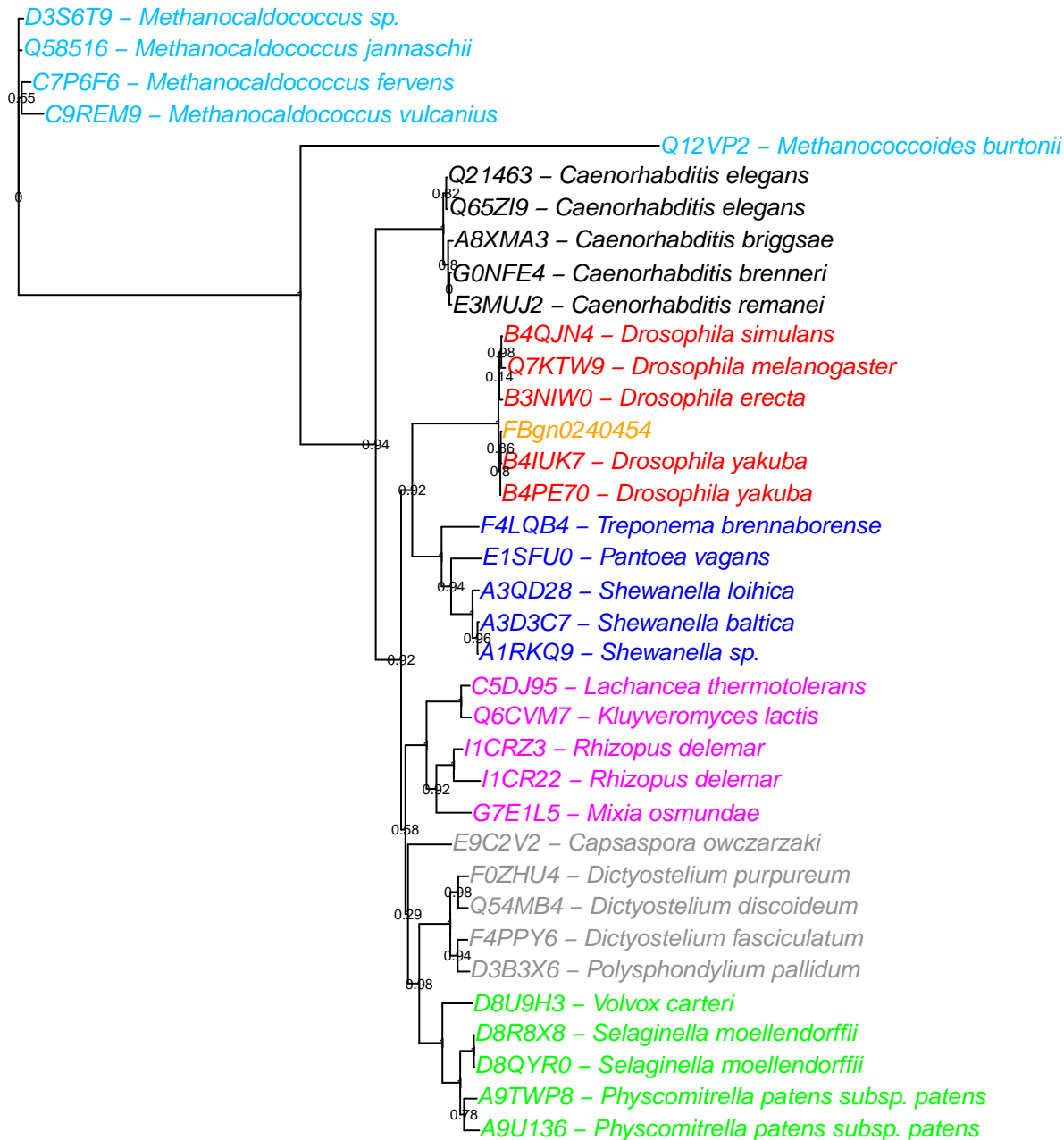
B4IJD2 – *Drosophila sechellia*

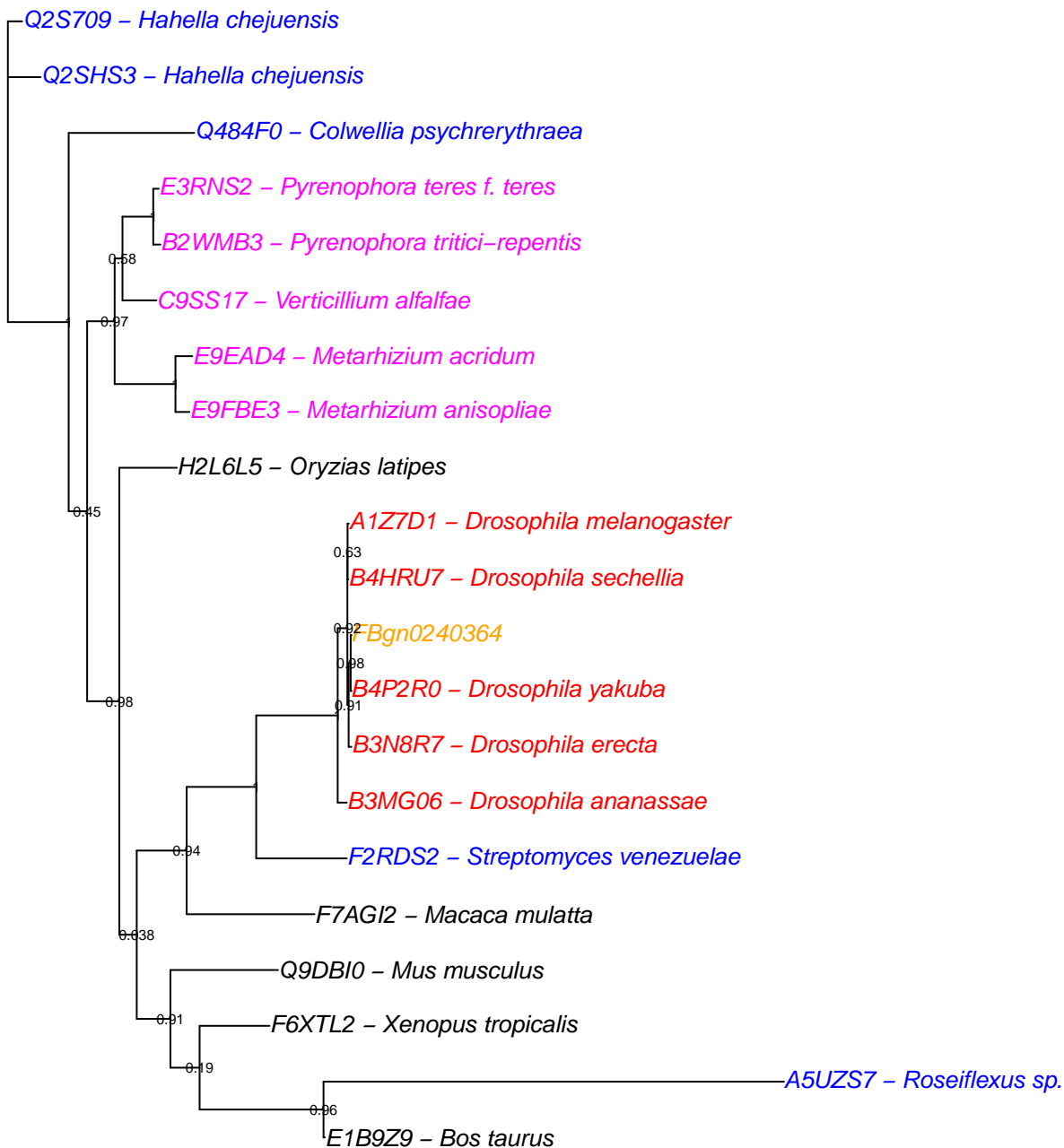
H3DPF7 – *Tetraodon nigroviridis*

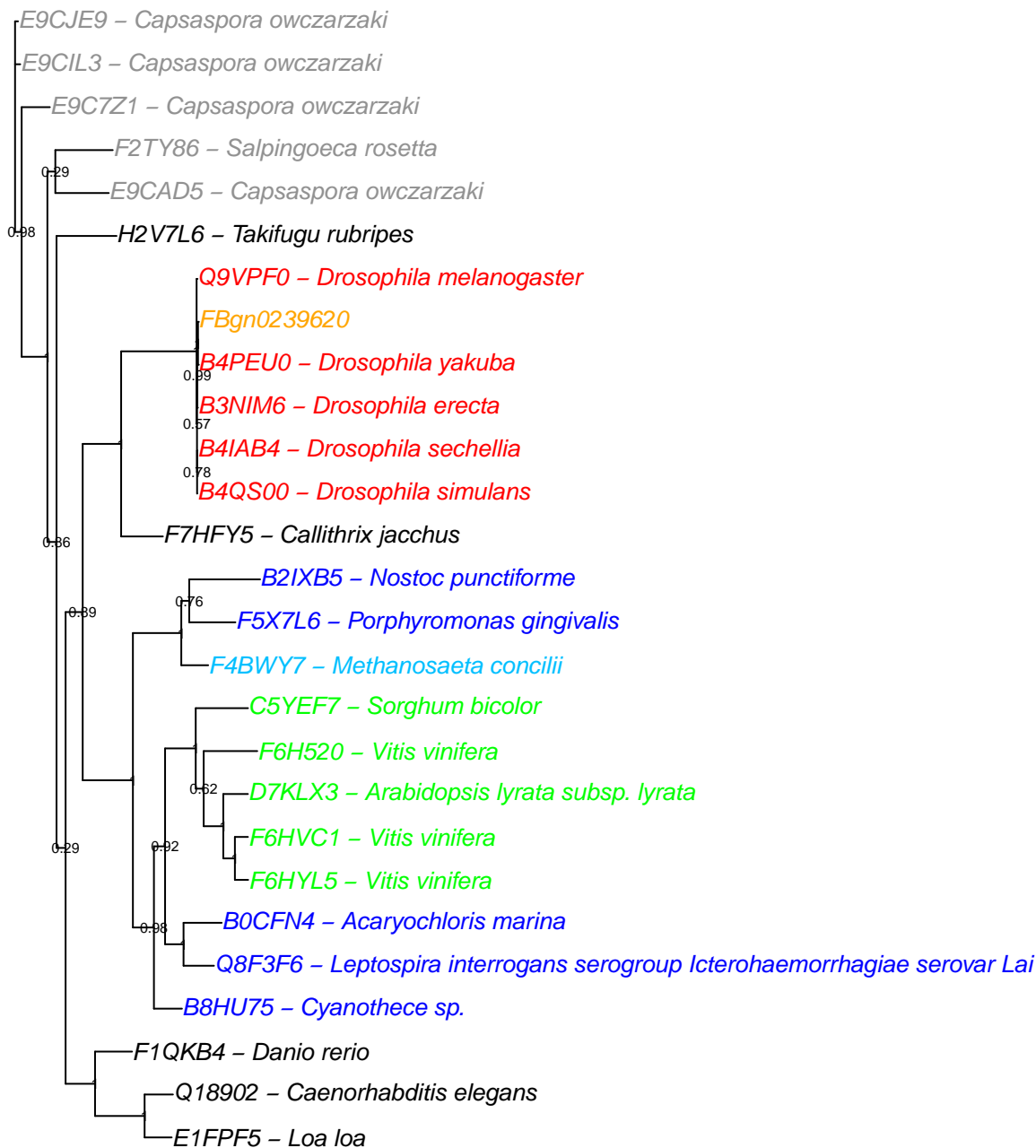
F7DDK6 – *Xenopus tropicalis*

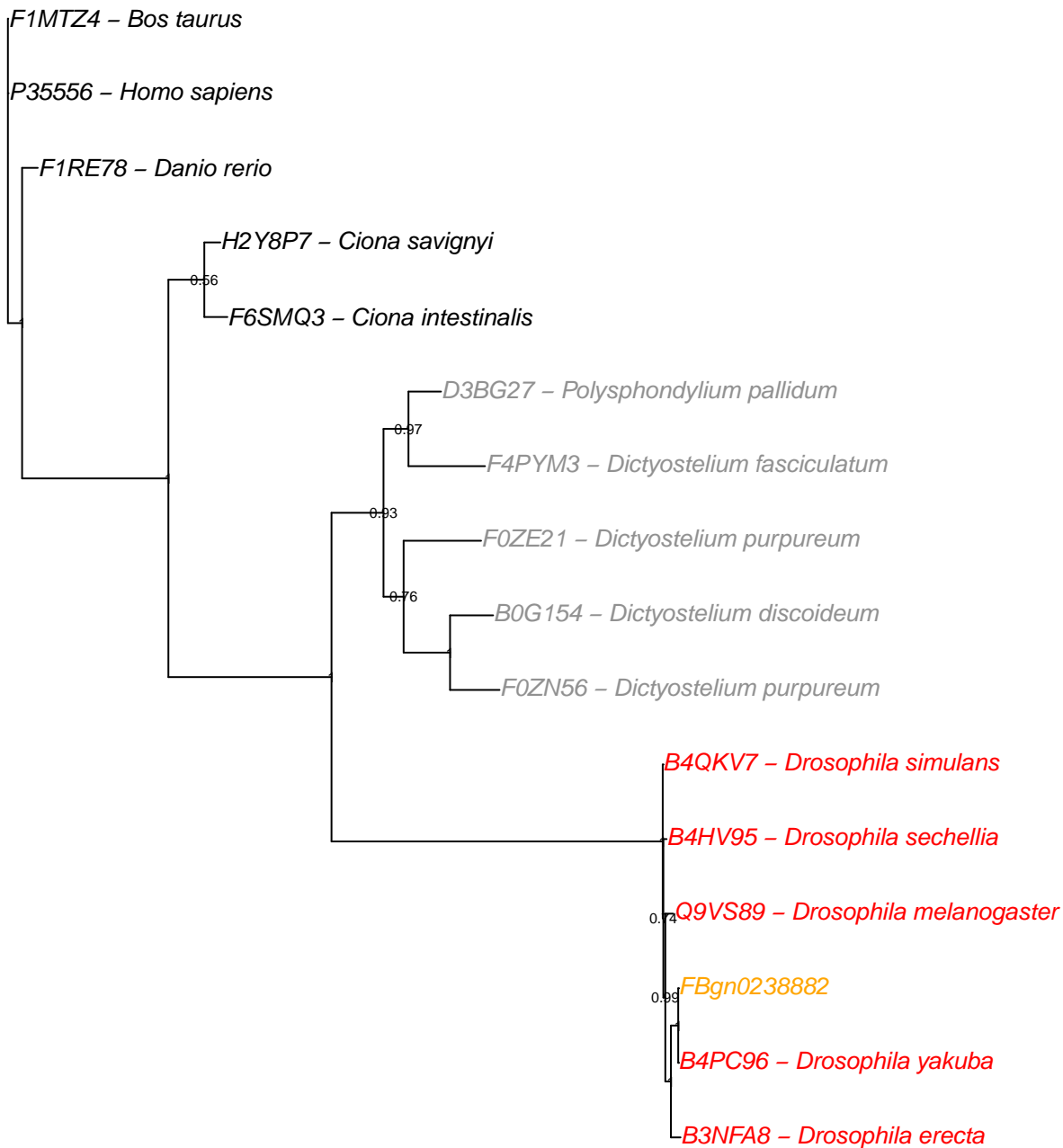
F7D608 – *Xenopus tropicalis*

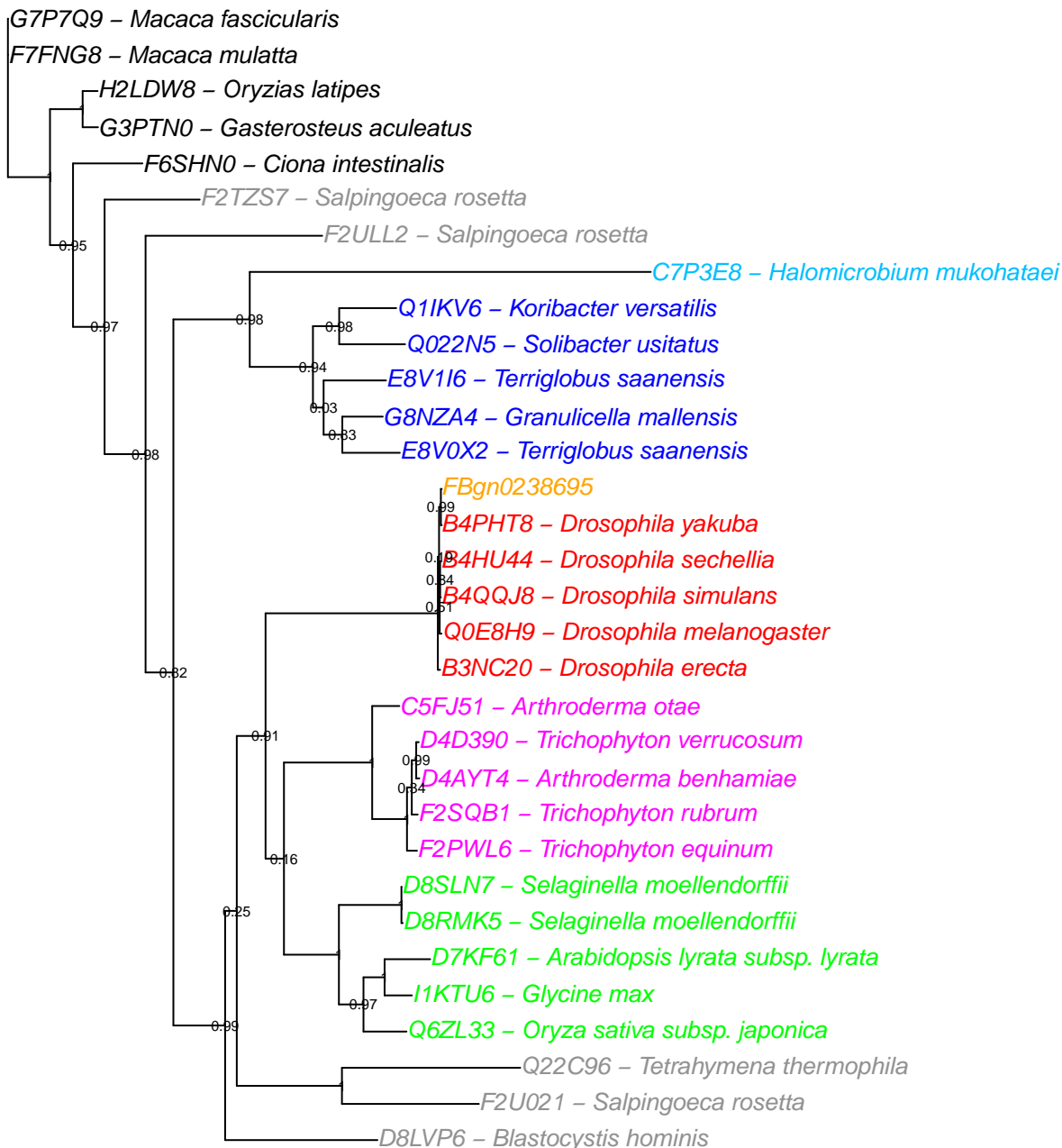
G1Q6F1 – *Myotis lucifugus*

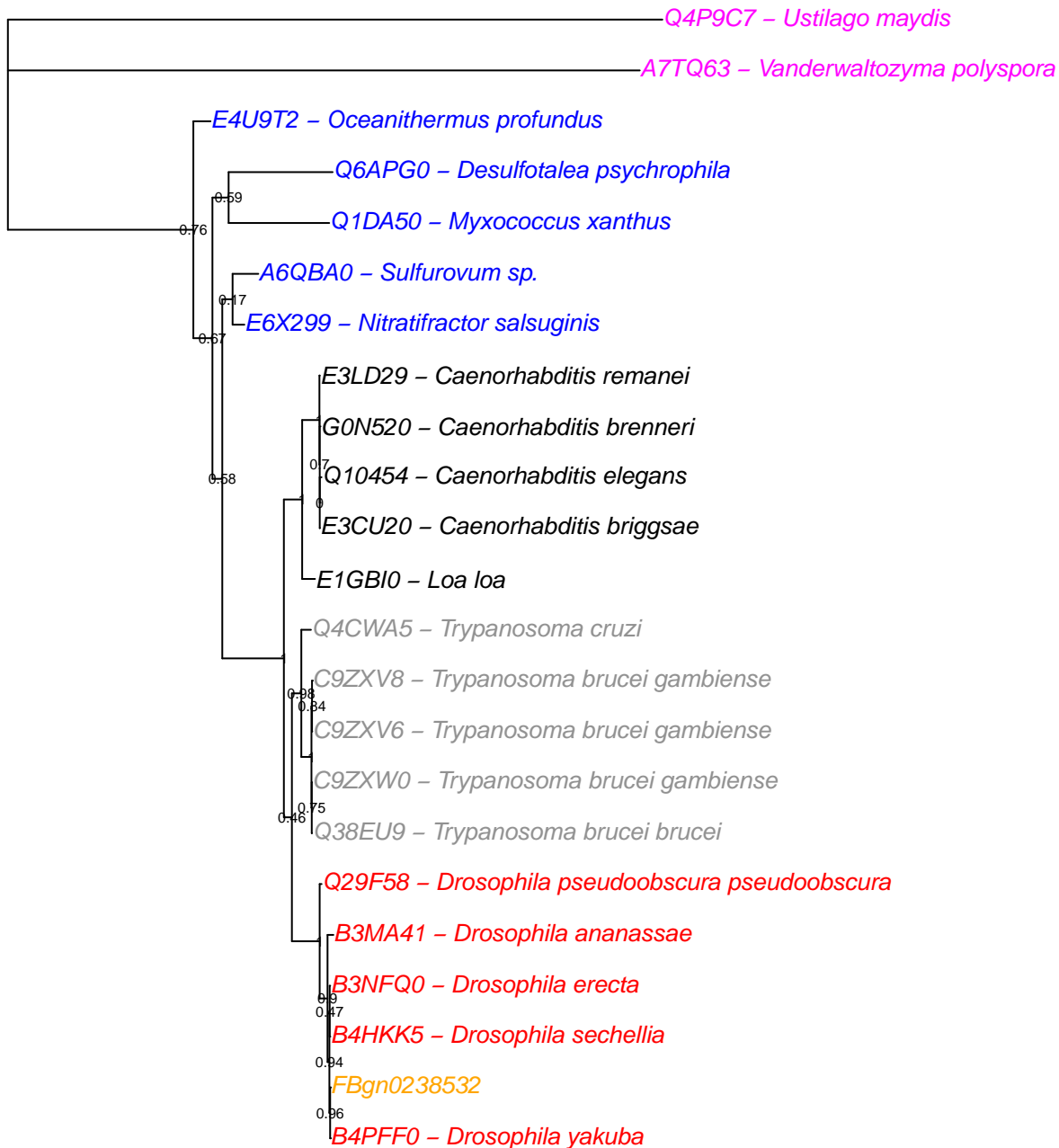










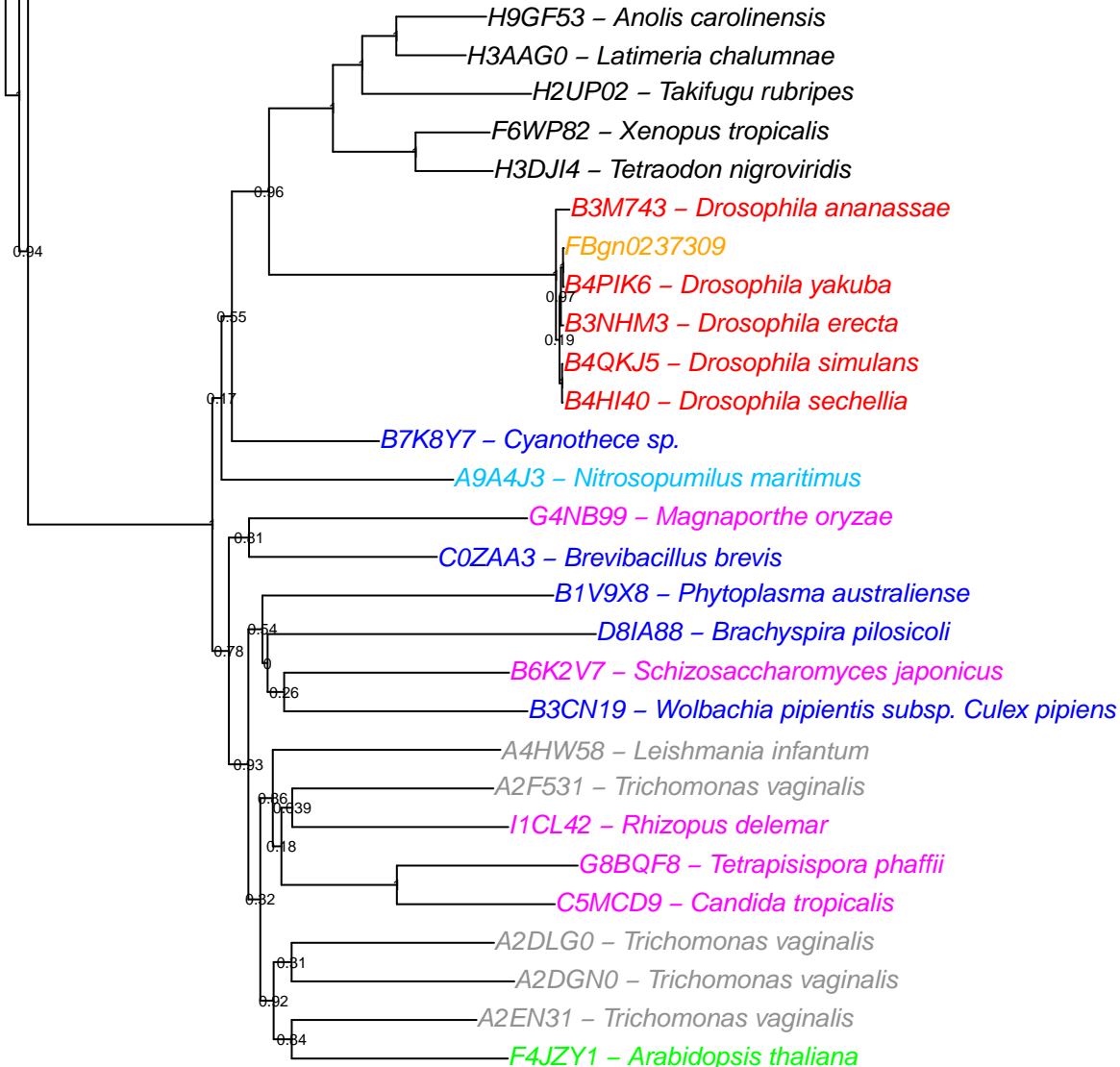


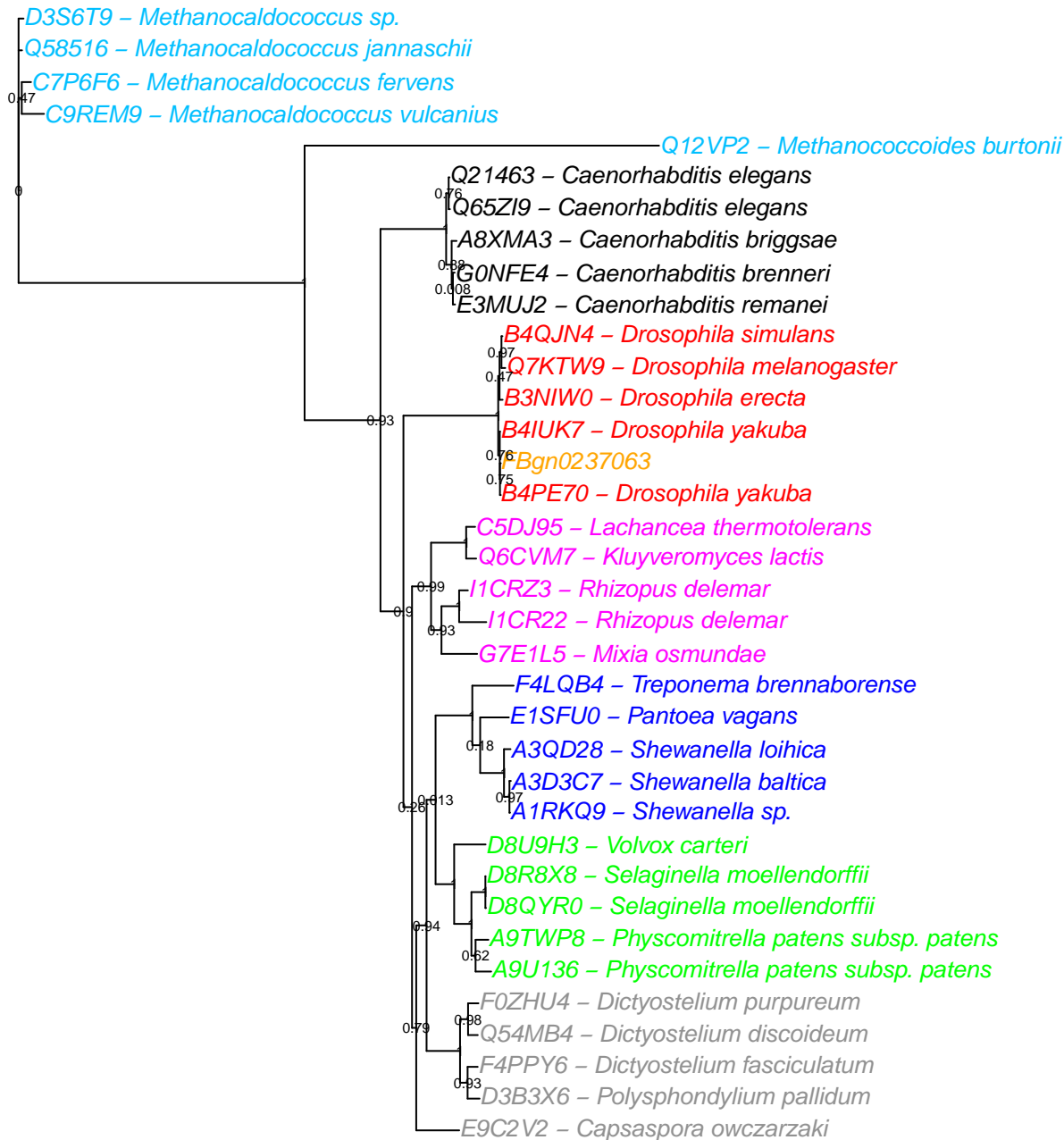
Q7XN10 – *Oryza sativa* subsp. *japonica*

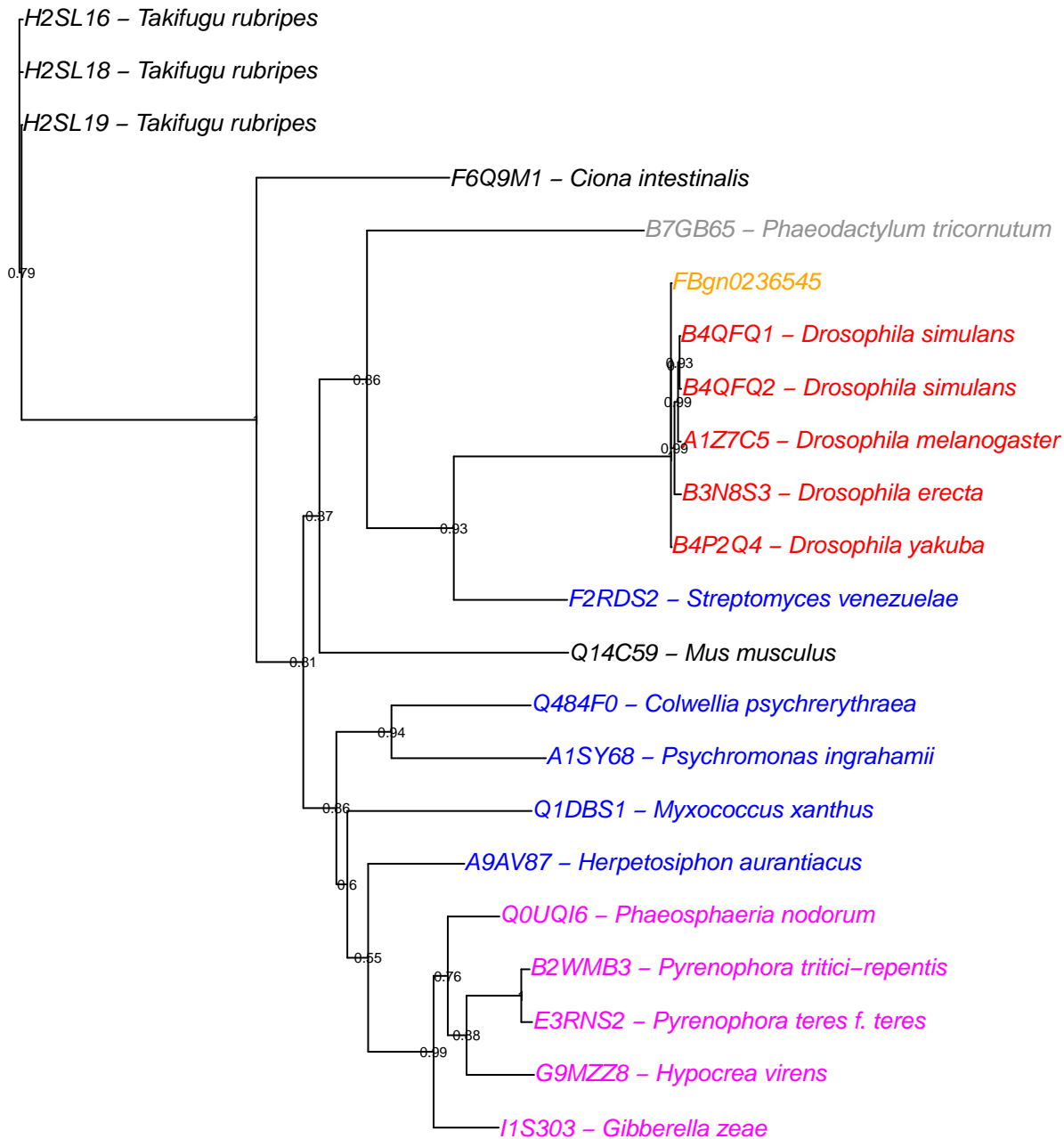
I1PPV9 – *Oryza glaberrima*

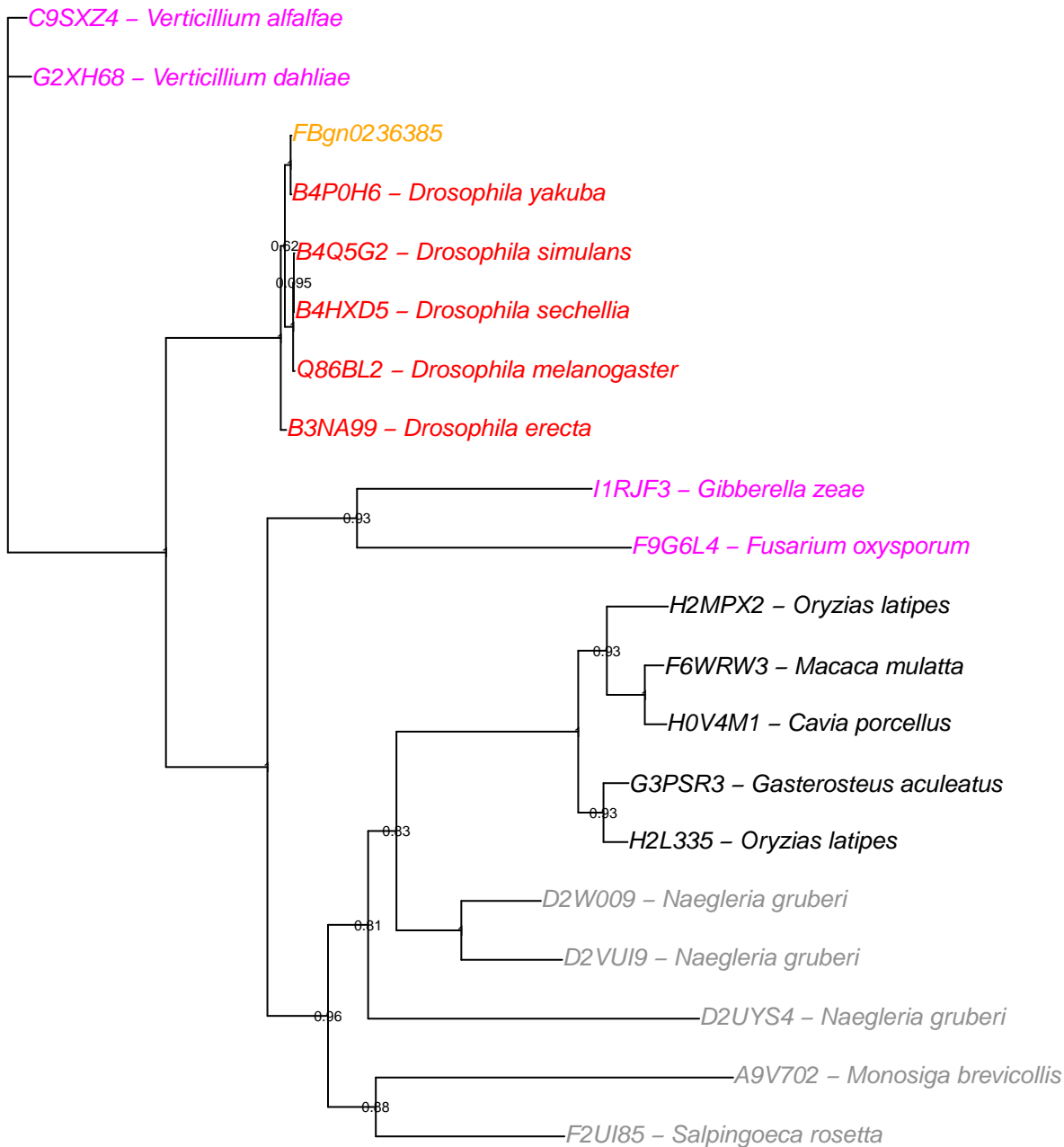
I1J1T4 – *Brachypodium distachyon*

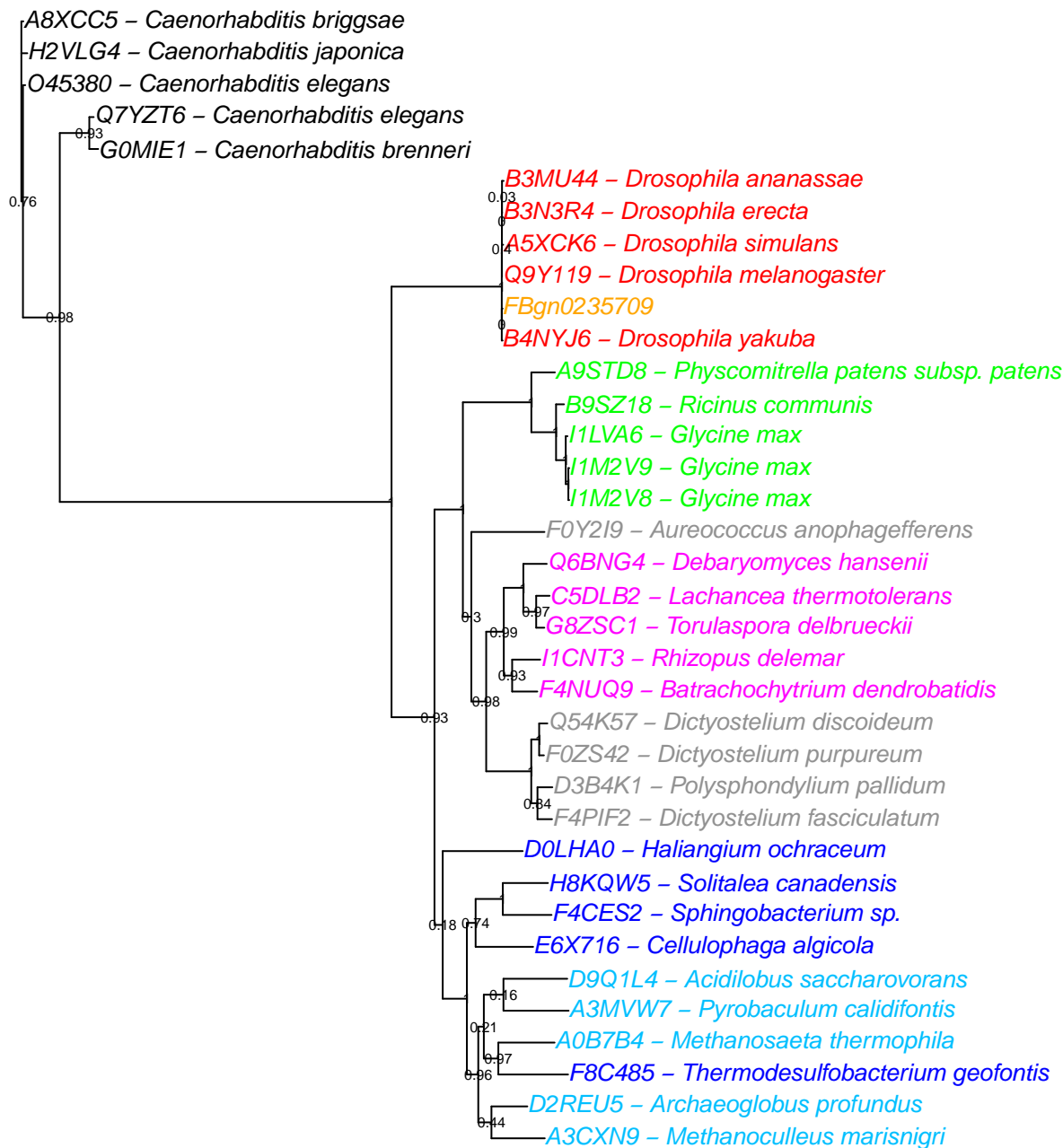
C5YG07 – *Sorghum bicolor*











P49606 – *Ustilago maydis*

E6ZYX6 – *Sporisorium reilianum*

G3BBH8 – *Candida tenuis*

F6HVC2 – *Vitis vinifera*

D7MG34 – *Arabidopsis lyrata* subsp. *lyrata*

B2IUT6 – *Nostoc punctiforme*

Q8F3F6 – *Leptospira interrogans* serogroup *Icterohaemorrhagiae* serovar *Lai*

G7QMW0 – *Leptospira interrogans* serogroup *Icterohaemorrhagiae* serovar *Lai*

Q72U35 – *Leptospira interrogans* serogroup *Icterohaemorrhagiae* serovar *copenhageni*

C1ED60 – *Micromonas* sp.

C1FER3 – *Micromonas* sp.

C1FHV9 – *Micromonas* sp.

F5X7L6 – *Porphyromonas gingivalis*

F7EWY6 – *Ornithorhynchus anatinus*

G1SUF5 – *Oryctolagus cuniculus*

FBgn0235385

B4PZM2 – *Drosophila yakuba*

B3NY86 – *Drosophila erecta*

Q0KHN6 – *Drosophila melanogaster*

B4R452 – *Drosophila simulans*

B3MYK0 – *Drosophila ananassae*

E1FPF5 – *Loa loa*

G1NRD1 – *Meleagris gallopavo*

F1NI07 – *Gallus gallus*

E9CAD5 – *Capsaspora owczarzaki*

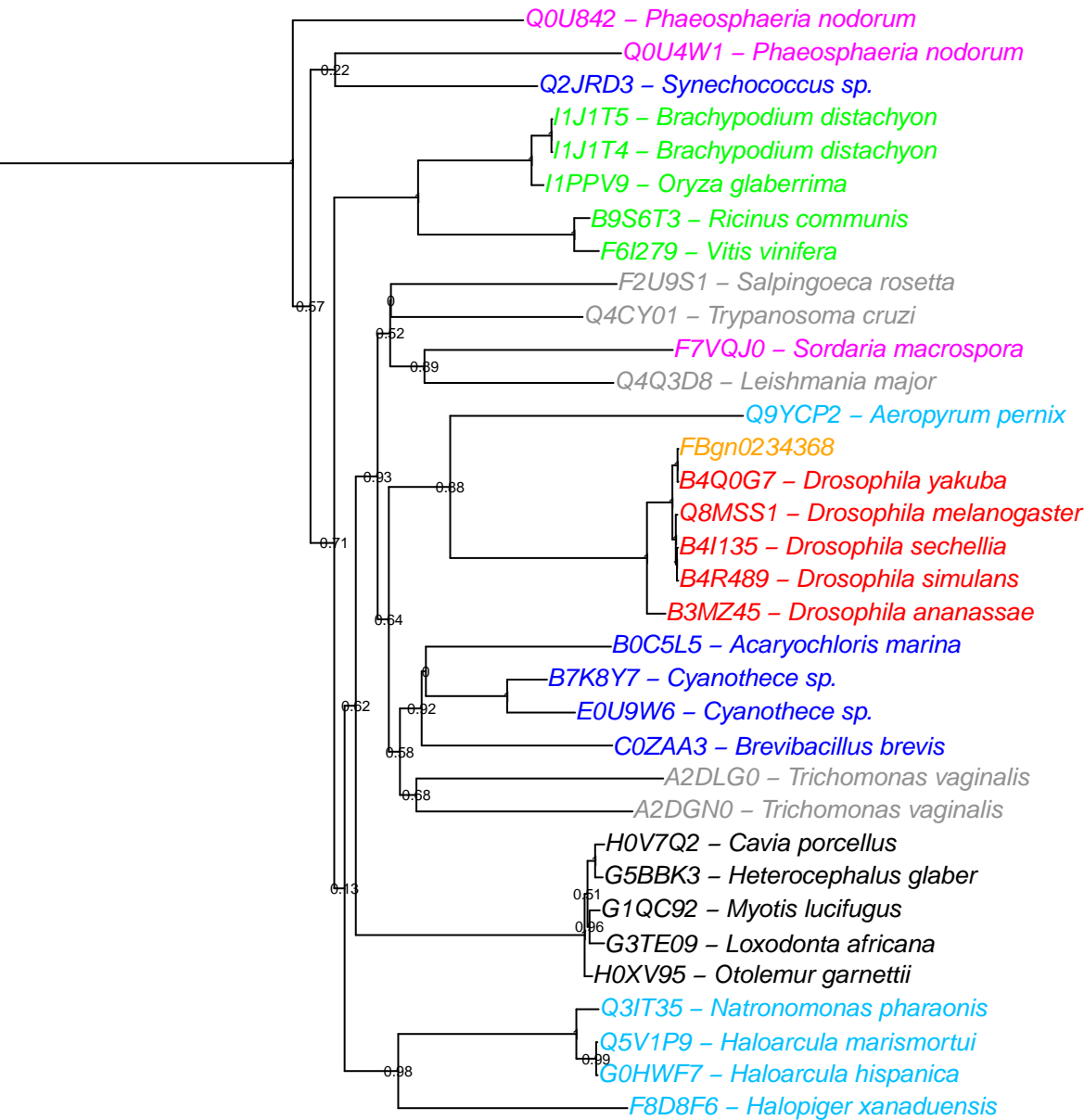
E9CJE9 – *Capsaspora owczarzaki*

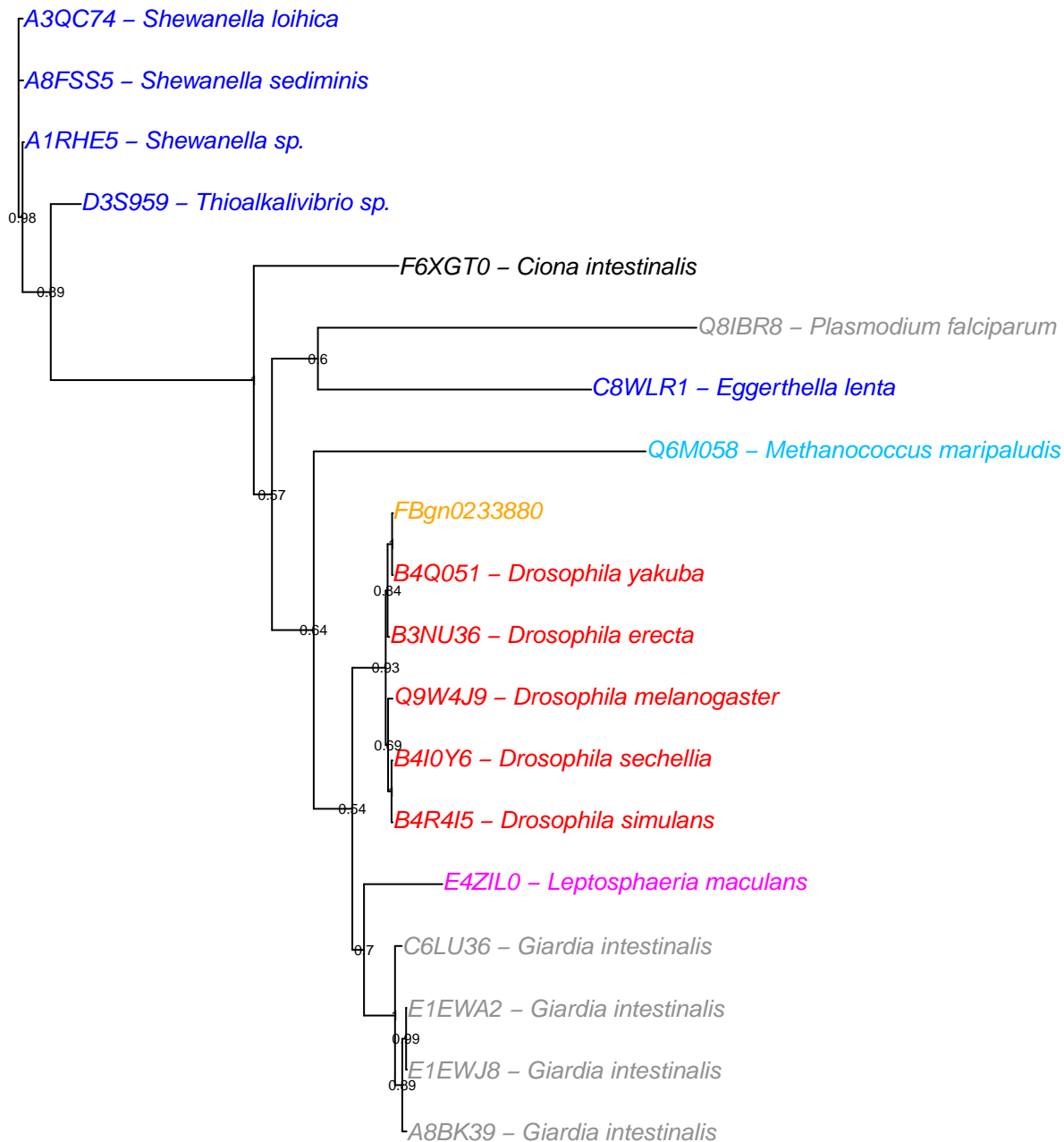
E9CIL3 – *Capsaspora owczarzaki*

E9CF02 – *Capsaspora owczarzaki*

E9C7Z1 – *Capsaspora owczarzaki*

E9CTT0 – *Coccidioides posadasii*
C5P2T3 – *Coccidioides posadasii*





Q018Y6 – *Ostreococcus tauri*

FBgn0232850

B4PZL6 – *Drosophila yakuba*

0.98 **B4IKN7** – *Drosophila sechellia*

Q9VR70 – *Drosophila melanogaster*

B3NY82 – *Drosophila erecta*

B3MYK5 – *Drosophila ananassae*

└G4VTB8 – *Schistosoma mansoni*

—G7YV01 – *Clonorchis sinensis*

-A9UVT5 – *Monosiga brevicollis*

-E9BYT4 – *Capsaspora owczarzaki*

—D7G144 – *Ectocarpus siliculosus*

└B8CFK9 – *Thalassiosira pseudonana*

B7G7P2 – *Phaeodactylum tricornutum*

-Q3IR16 – *Natronomonas pharaonis*

-D2RQF1 – *Haloterrigena turkmenica*

0.32 D2RT99 – *Haloterrigena turkmenica*

0.49
└─ *D3SVW7 – Natrialba magadii*

-F4BWT0 – *Methanosaeta concilii*

5-D3RPX9 – *Allochromatium vinosum*

¹⁶—C6XNK6 – *Hirschia baltica*

Q0C3S0 – *Hyphomonas neptunium*

– Q6CX10 – *Kluyveromyces lactis*

-B8D0Z7 – *Halothermothrix orenii*

-E7EY32 – *Danio rerio*

-013817 – *Schizosaccharomyces pombe*

-F0XFZ4 – *Grosmannia clavigera*

–F2NJU2 – *Desulfobacca acetoxidans*

FBgn0232488

B4IVB1 – *Drosophila yakuba*

B4IW87 – *Drosophila yakuba*

B4IN16 – *Drosophila sechellia*

B4LA45 – *Drosophila mojavensis*

B5DU05 – *Drosophila pseudoobscura pseudoobscura*

H3A251 – *Latimeria chalumnae*

Q6MWH2 – *Oryza sativa subsp. japonica*

Q7XRT3 – *Oryza sativa subsp. japonica*

Q7G784 – *Oryza sativa subsp. japonica*

Q7XM70 – *Oryza sativa subsp. japonica*

Q7Y006 – *Oryza sativa subsp. japonica*

F2UTM4 – *Salpingoeca rosetta*

I1C7Q8 – *Rhizopus delemar*

I1BWQ5 – *Rhizopus delemar*

I1BSB5 – *Rhizopus delemar*

I1C8J8 – *Rhizopus delemar*

I1BUV0 – *Rhizopus delemar*

E3NA66 – *Caenorhabditis remanei*

H2WMB9 – *Caenorhabditis japonica*

H3GP15 – *Phytophthora ramorum*

H2WAX5 – *Caenorhabditis japonica*

E5SWU5 – *Trichinella spiralis*

C5KTT3 – *Perkinsus marinus*

H3H4Y4 – *Phytophthora ramorum*

H3GAN2 – *Phytophthora ramorum*

0.78

0.32

0.93

0

0.9

0.94

0.85

0.33

0.34

0.24

0.9

0.43

0.72

0.32

0.8

0.23

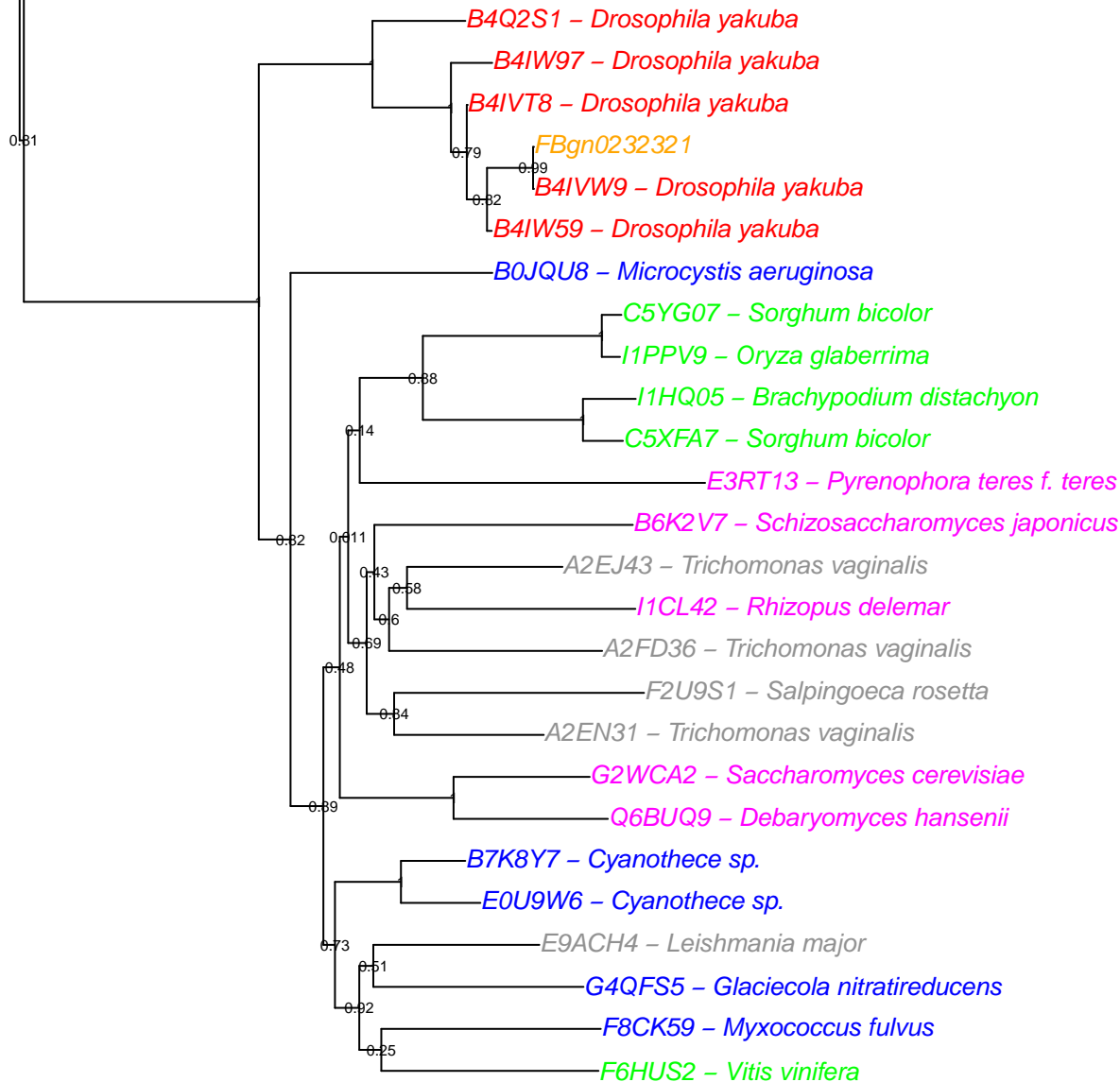
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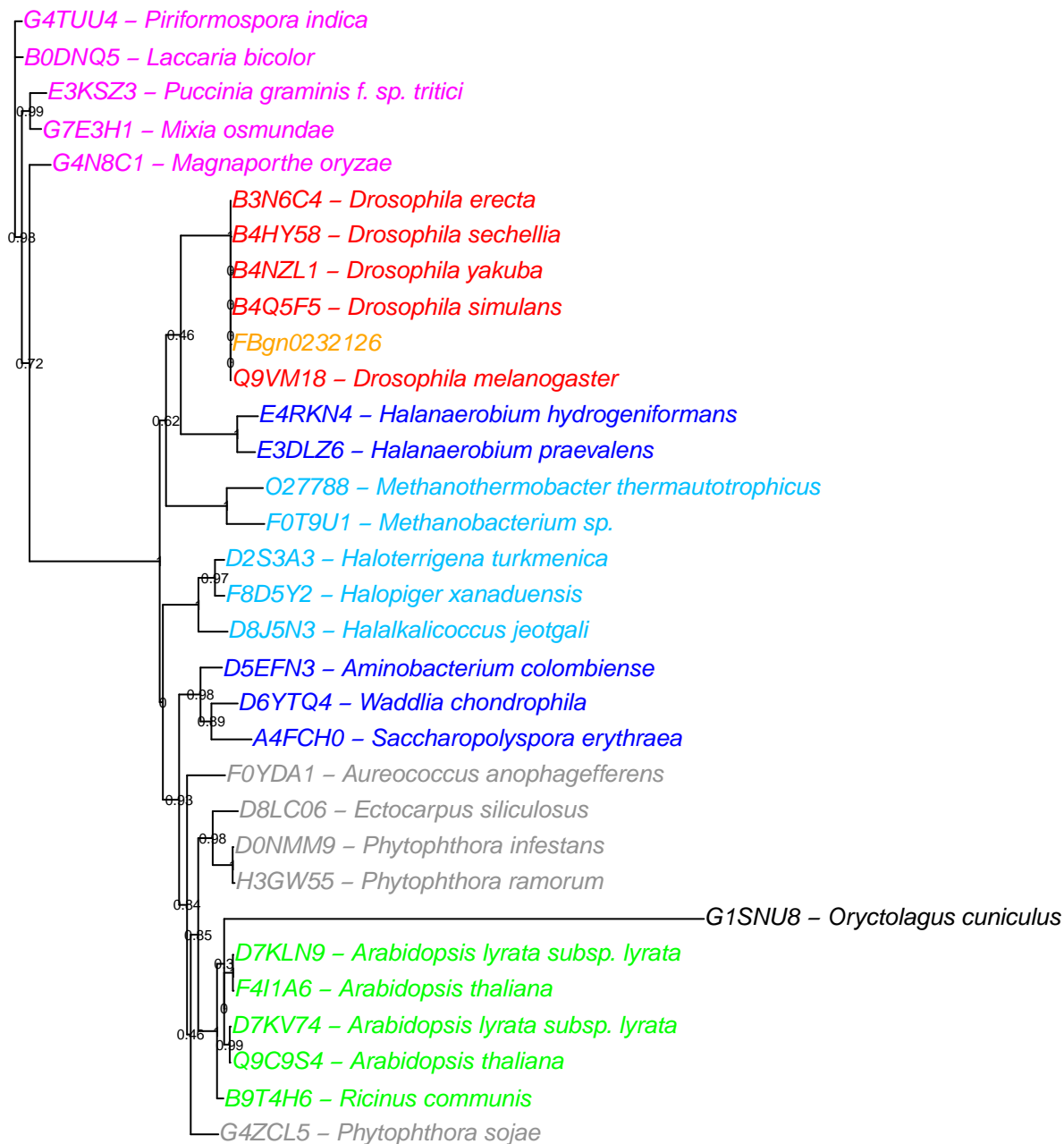
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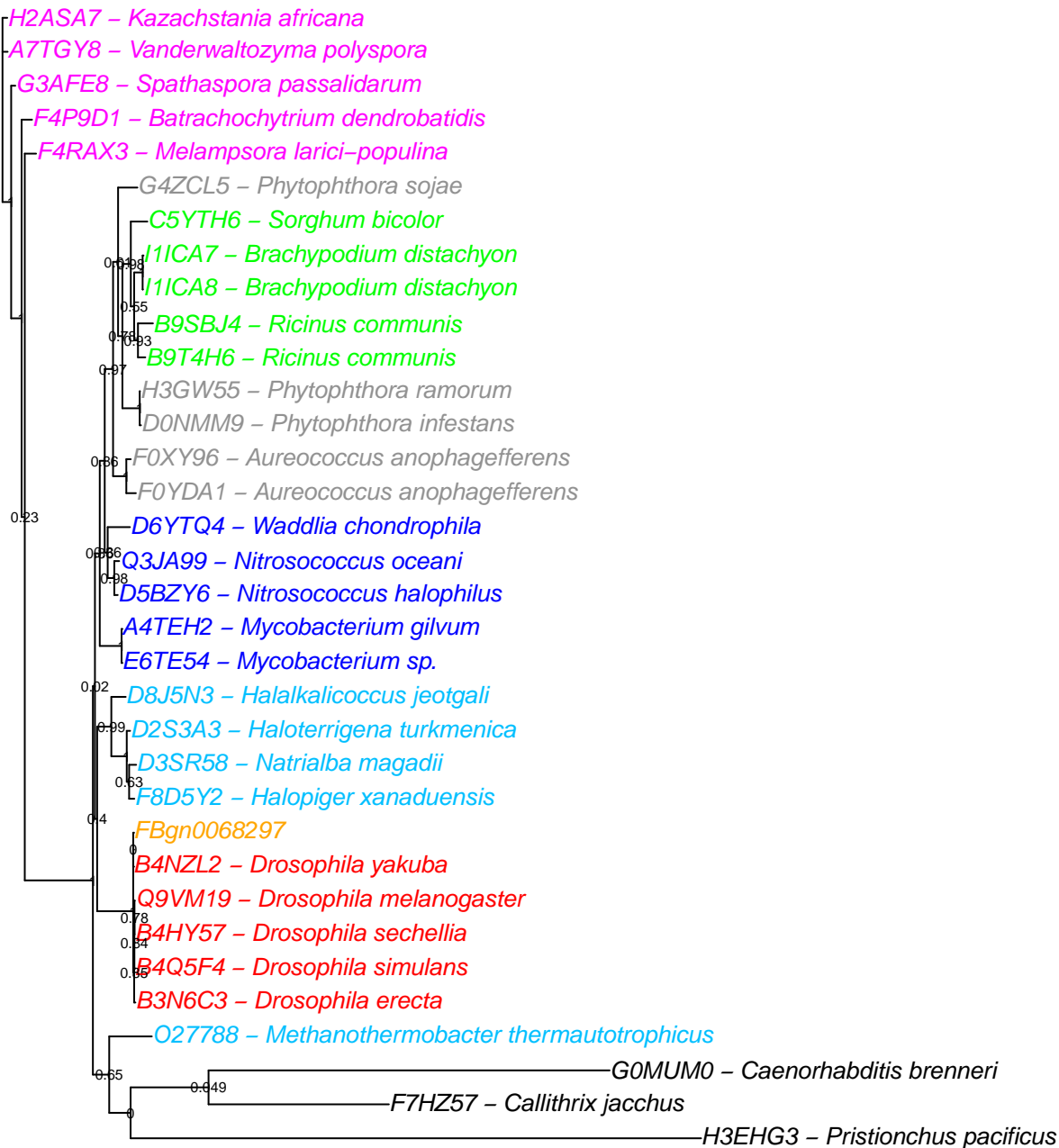
F7CIF4 – *Monodelphis domestica*

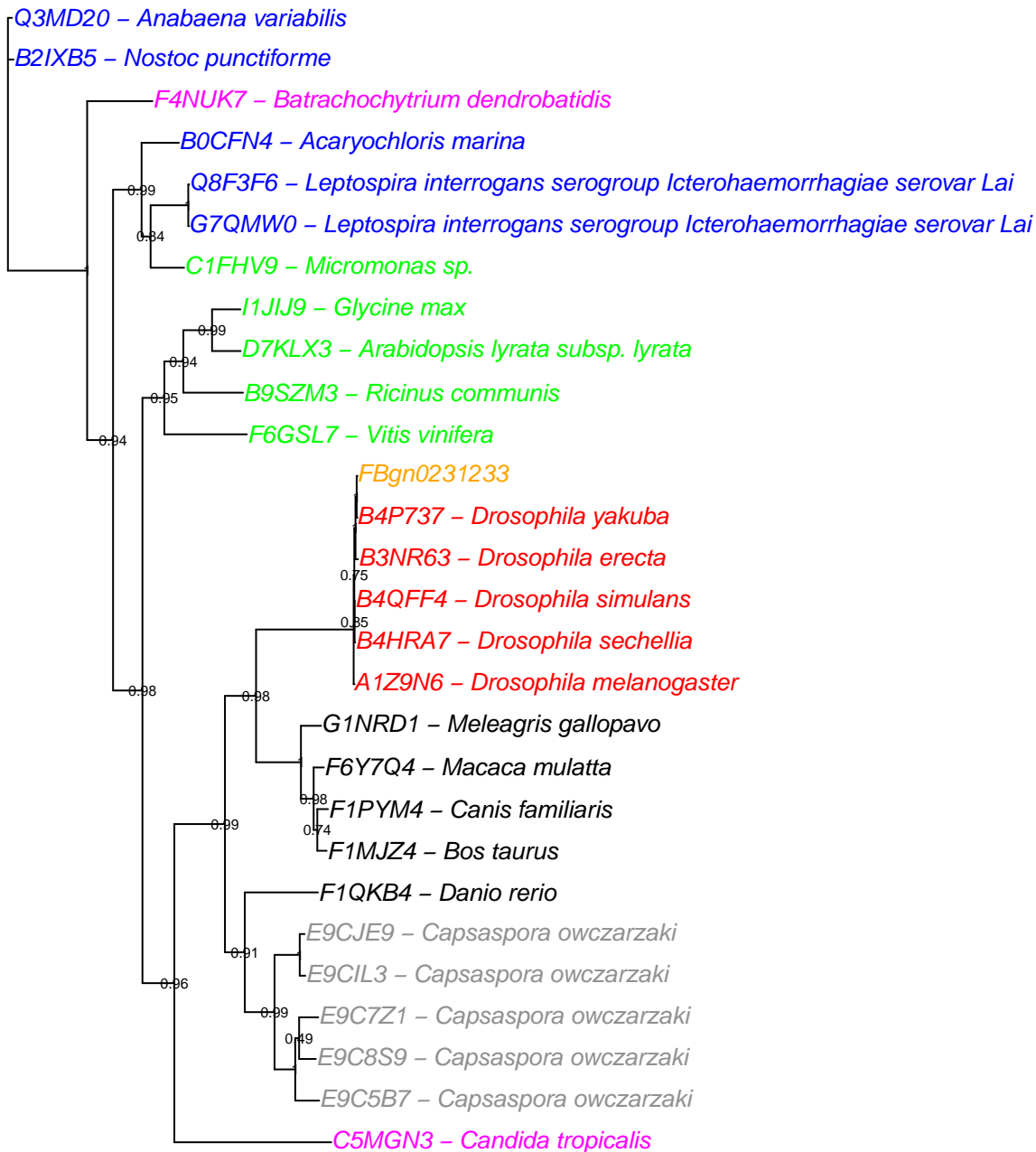
G3W844 – *Sarcophilus harrisii*

F6QTD4 – *Ornithorhynchus anatinus*









A0RKC0 – *Bacillus thuringiensis*

F0PNR8 – *Bacillus thuringiensis* subsp. *finitimus*

B3PMY0 – *Mycoplasma arthritidis*

A8X4B7 – *Caenorhabditis briggsae*

H3EN95 – *Pristionchus pacificus*

B4LLE5 – *Drosophila virilis*

B4J7M0 – *Drosophila grimshawi*

B3MCY8 – *Drosophila ananassae*

FBgn0231225

B4P6N3 – *Drosophila yakuba*

A1Z9M5 – *Drosophila melanogaster*

H9GUQ1 – *Anolis carolinensis*

C7YRX8 – *Nectria haematococca*

G0SDS5 – *Chaetomium thermophilum*

A0BFH1 – *Paramecium tetraurelia*

B6HRS8 – *Penicillium chrysogenum*

Q84PC5 – *Oryza sativa* subsp. *japonica*

A2F983 – *Trichomonas vaginalis*

H2Y6N5 – *Ciona savignyi*

Q2SC34 – *Hahella chejuensis*

G3N0N6 – *Bos taurus*

A0RYC6 – *Cenarchaeum symbiosum*

G2QIE2 – *Thielavia heterothallica*

F9WCV1 – *Trypanosoma congolense*

D8UER7 – *Volvox carteri*

Q9ZUC3 – *Arabidopsis thaliana*

Q9M1H0 – *Arabidopsis thaliana*

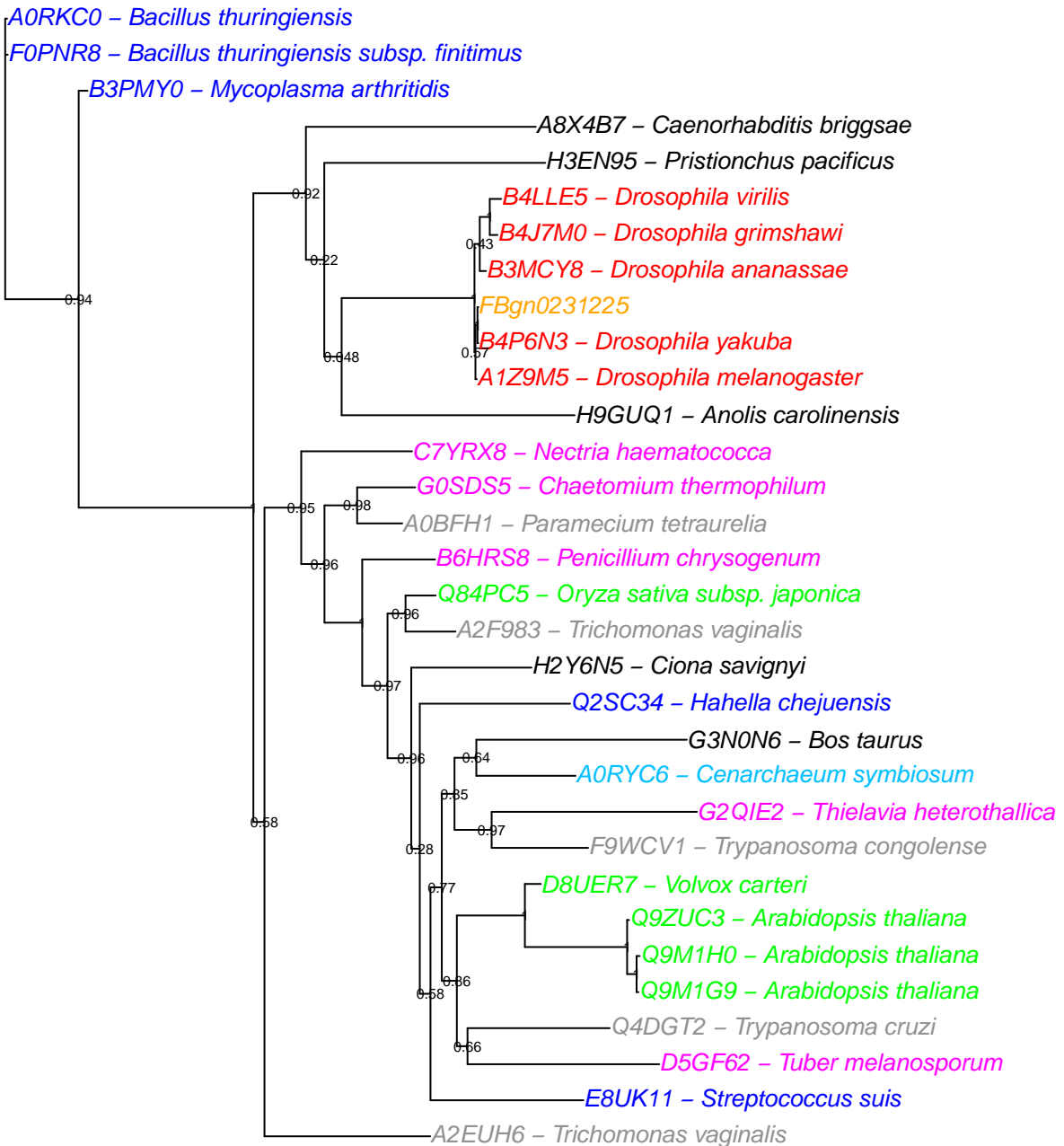
Q9M1G9 – *Arabidopsis thaliana*

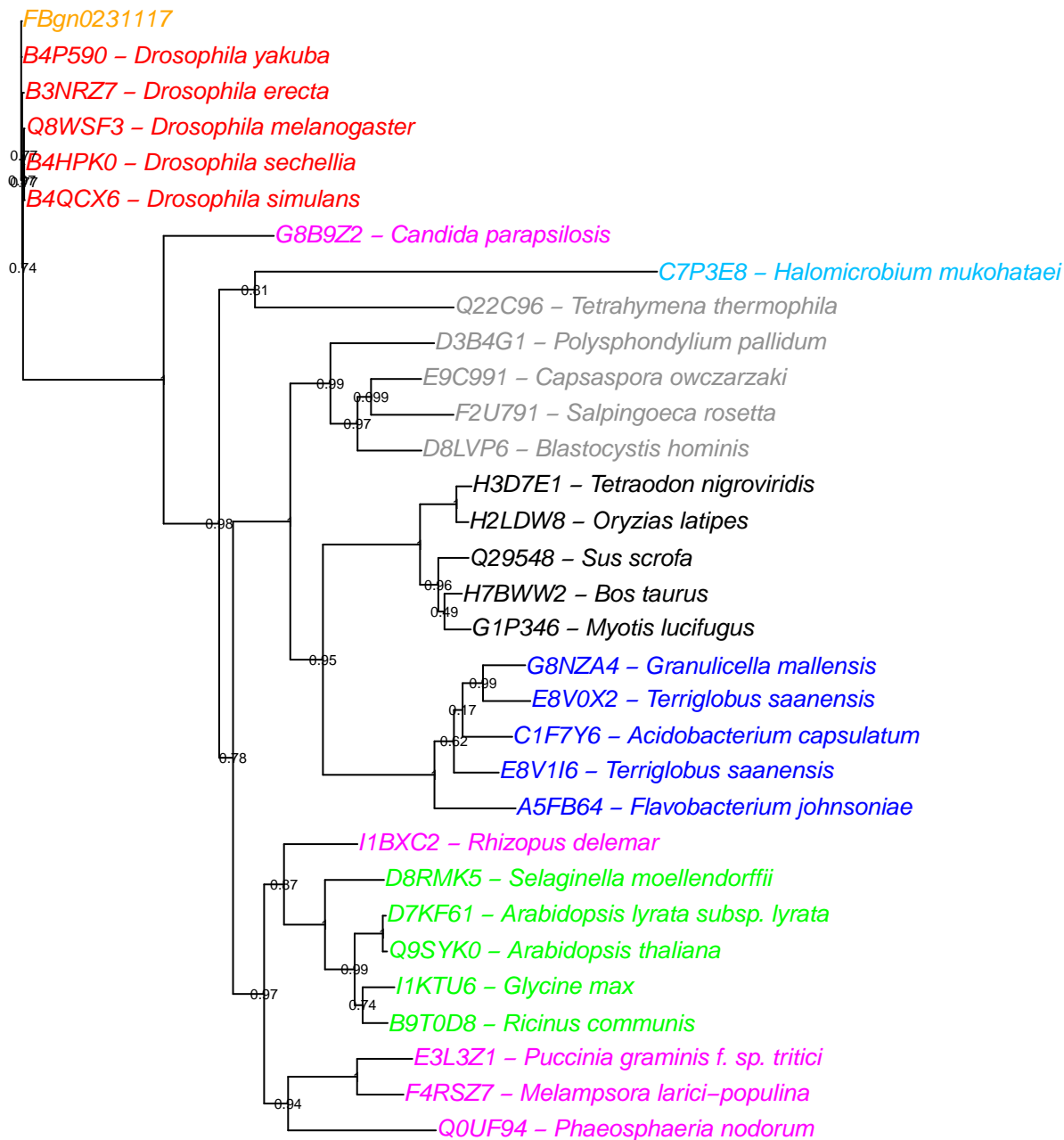
Q4DGT2 – *Trypanosoma cruzi*

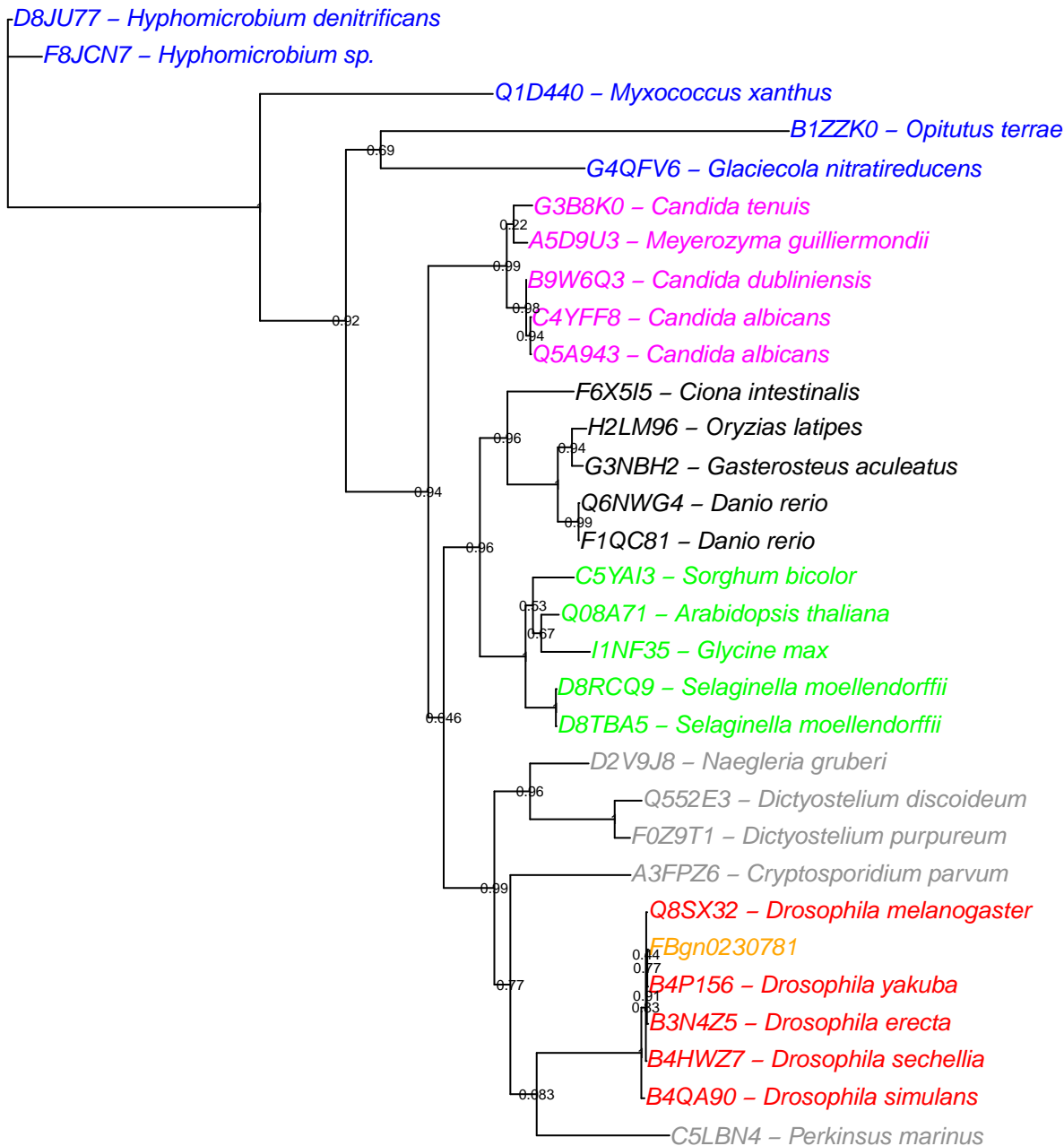
D5GF62 – *Tuber melanosporum*

E8UK11 – *Streptococcus suis*

A2EUH6 – *Trichomonas vaginalis*







A6ZPT6 – *Saccharomyces cerevisiae*

P14907 – *Saccharomyces cerevisiae*

