

Q8PRK7 – *Xanthomonas axonopodis* pv. *citri*

Q8PRM3 – *Xanthomonas axonopodis* pv. *citri*

G3RK75 – *Gorilla gorilla gorilla*

ENSG00000185958

F5GYN0 – *Homo sapiens*

A6NE01 – *Homo sapiens*

H2REE1 – *Pan troglodytes*

E1BCC0 – *Bos taurus*

F4P2I4 – *Batrachochytrium dendrobatidis*

D2Q4J2 – *Kribbella flavida*

E7A1G3 – *Sporisorium reilianum*

H9KN41 – *Apis mellifera*

H9IT09 – *Bombyx mori*

F2SMI7 – *Trichophyton rubrum*

Q4CVS5 – *Trypanosoma cruzi*

E3M1N1 – *Caenorhabditis remanei*

H6QZY2 – *Nocardia cyriacigeorgica*

Q2FKR0 – *Methanospirillum hungatei* JF–1

B4I3V2 – *Drosophila sechellia*

G6CNW9 – *Danaus plexippus*

D8UER7 – *Volvox carteri*

F4JLV7 – *Arabidopsis thaliana*

D8TTI8 – *Volvox carteri*

D8TTI9 – *Volvox carteri*

D8TTJ1 – *Volvox carteri*

D9R8J8 – *Clostridium saccharolyticum*

F7W128 – *Sordaria macrospora*

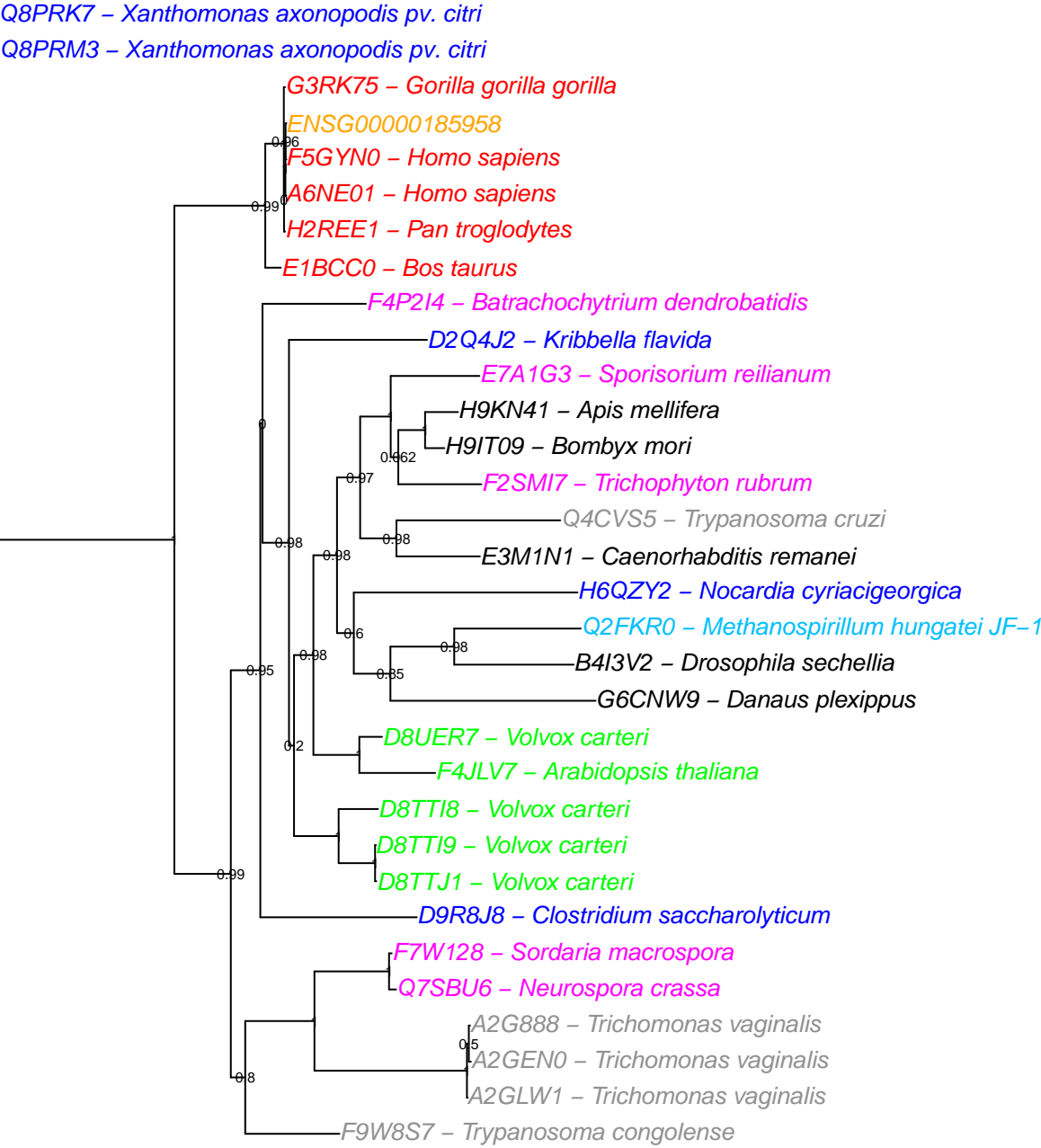
Q7SBU6 – *Neurospora crassa*

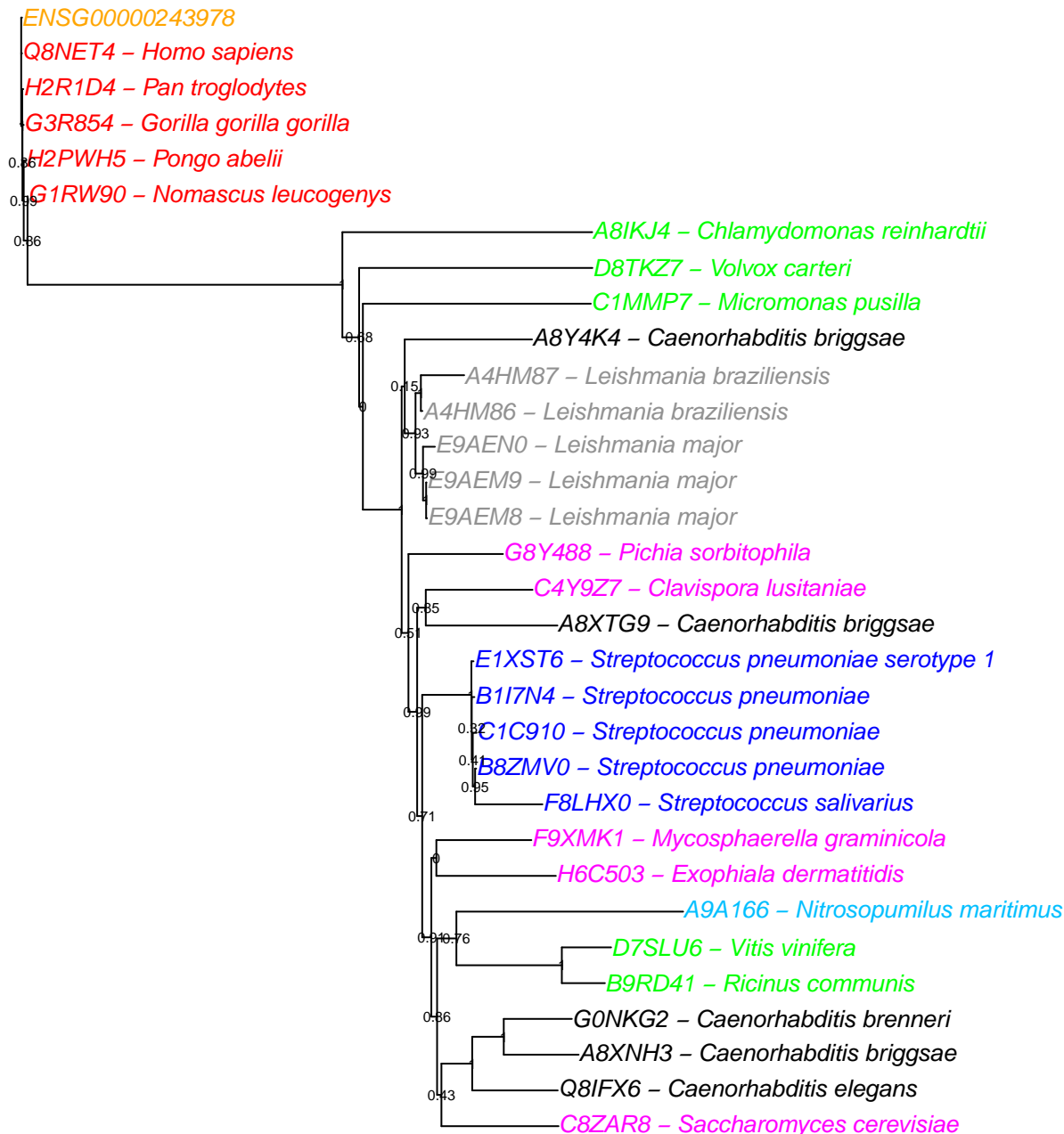
A2G888 – *Trichomonas vaginalis*

A2GEN0 – *Trichomonas vaginalis*

A2GLW1 – *Trichomonas vaginalis*

F9W8S7 – *Trypanosoma congolense*





C7J1V0 – *Oryza sativa subsp. japonica*

I1PNJ4 – *Oryza glaberrima*

E9DZ94 – *Metarhizium acridum*

I1LFN7 – *Glycine max*

Q0D114 – *Aspergillus terreus*

H2NXC5 – *Pongo abelii*

H2QF74 – *Pan troglodytes*

ENSG00000183248

F5H1R7 – *Homo sapiens*

G3QHV4 – *Gorilla gorilla gorilla*

G1QKK3 – *Nomascus leucogenys*

H8WGX9 – *Caenorhabditis briggsae*

I1HB90 – *Brachypodium distachyon*

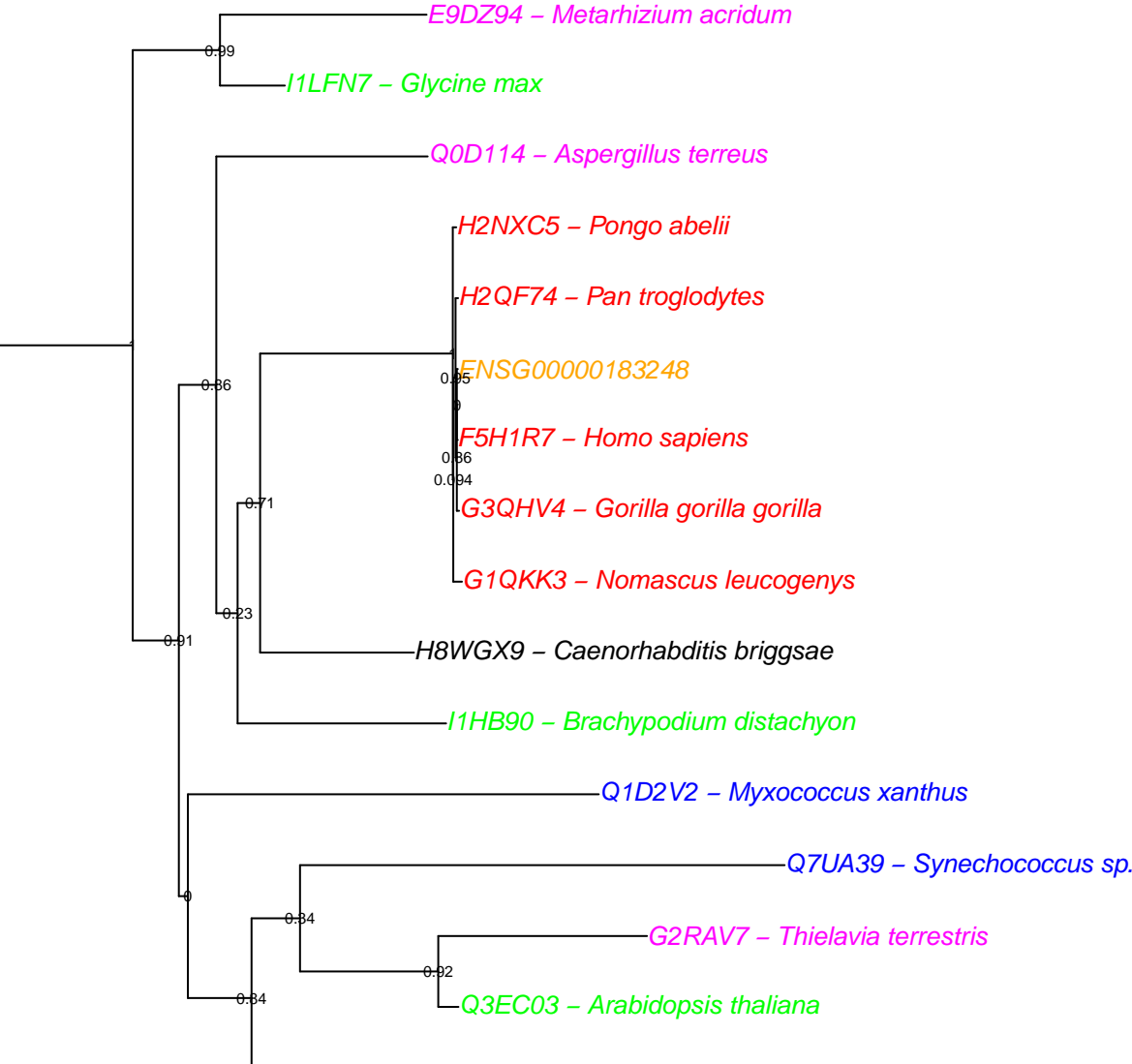
Q1D2V2 – *Myxococcus xanthus*

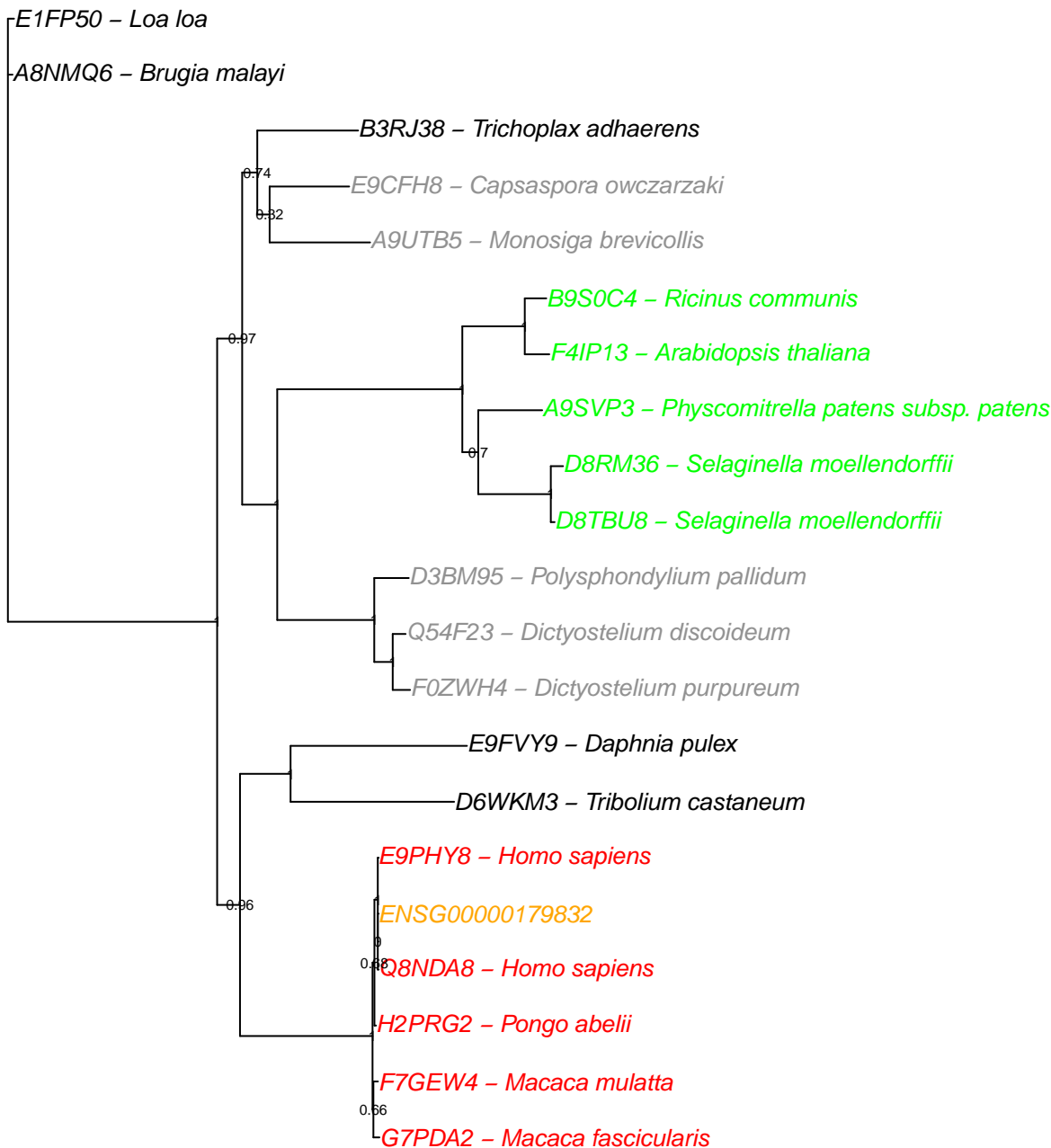
Q7UA39 – *Synechococcus sp.*

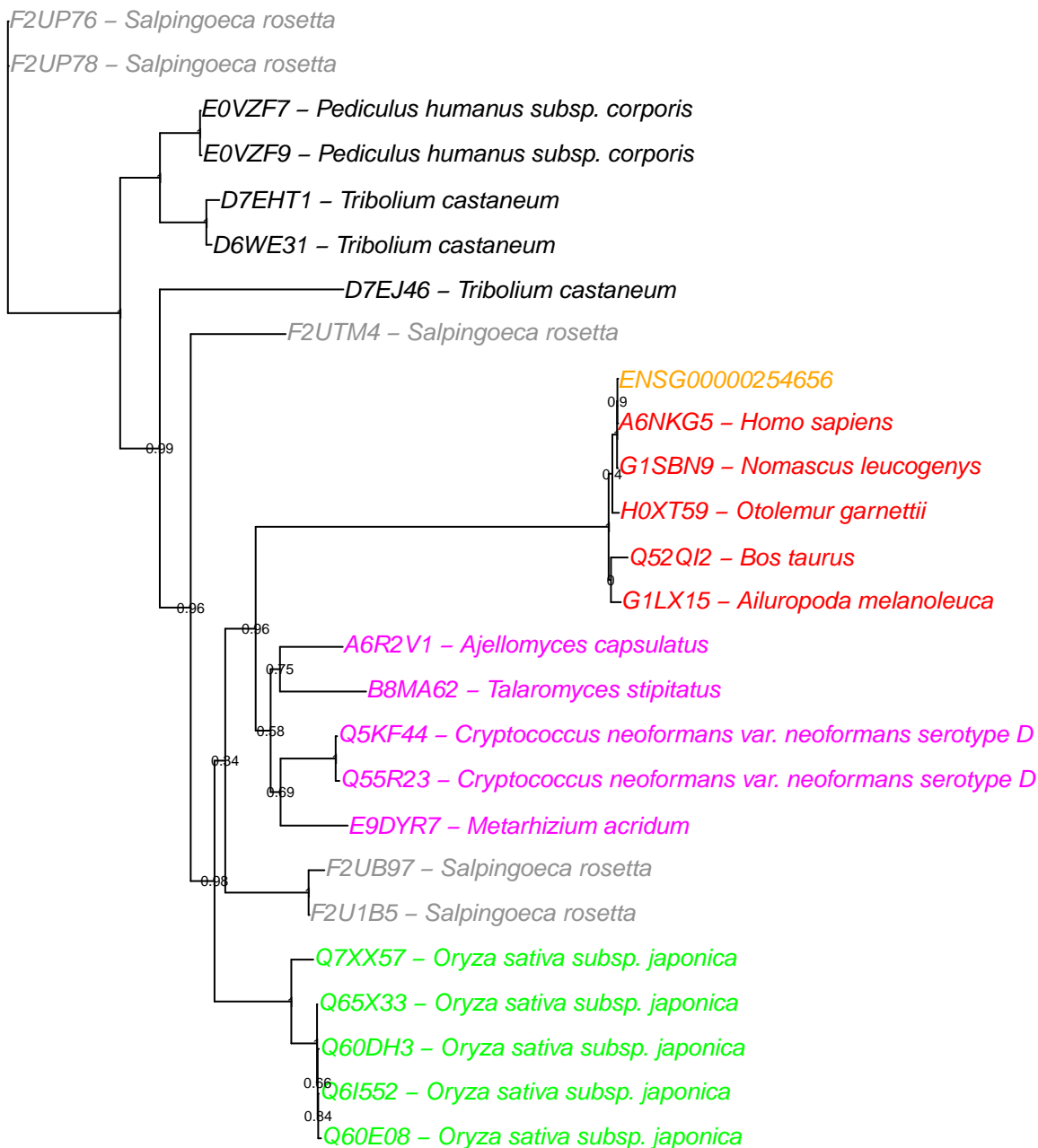
G2RAV7 – *Thielavia terrestris*

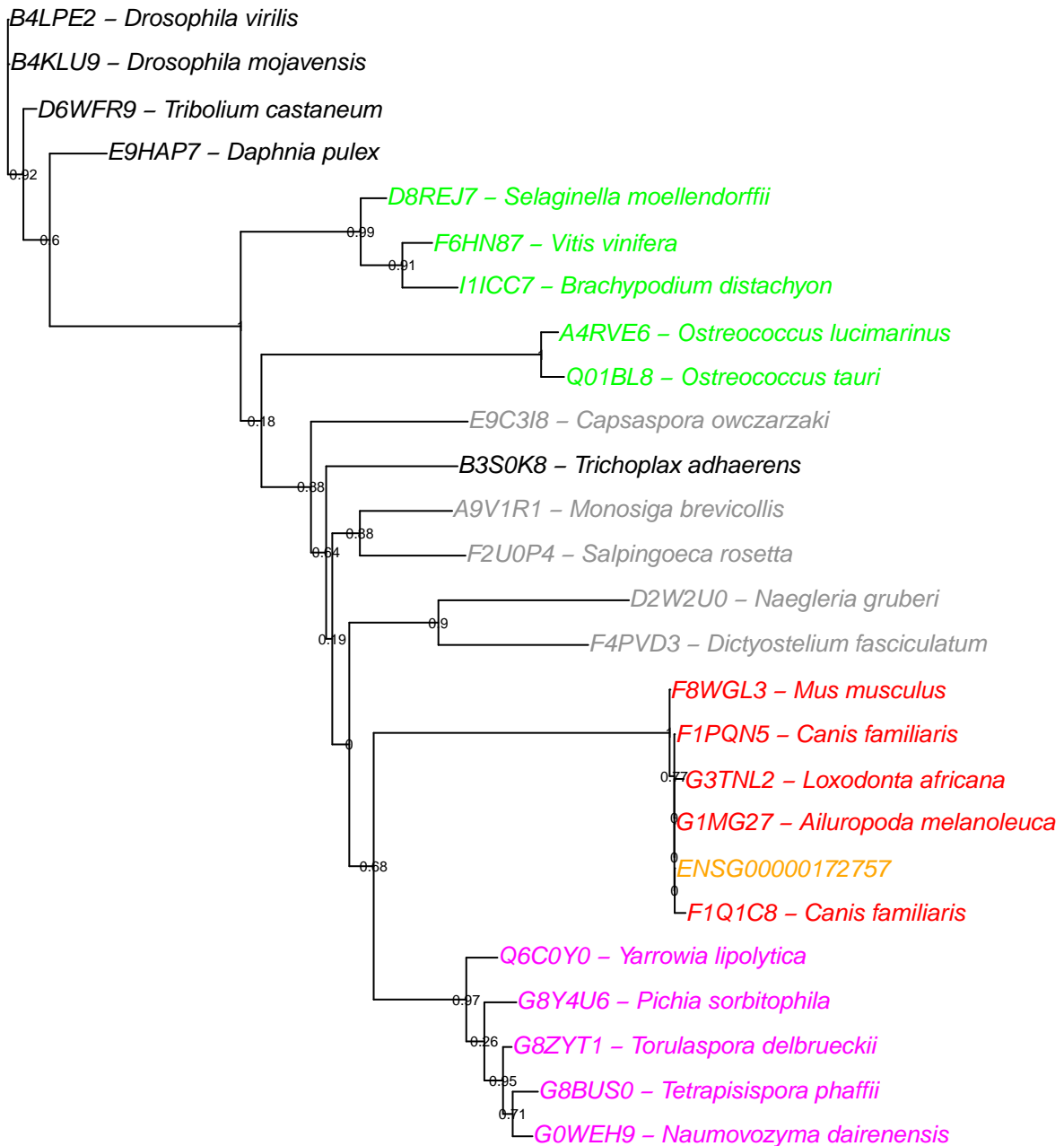
Q3EC03 – *Arabidopsis thaliana*

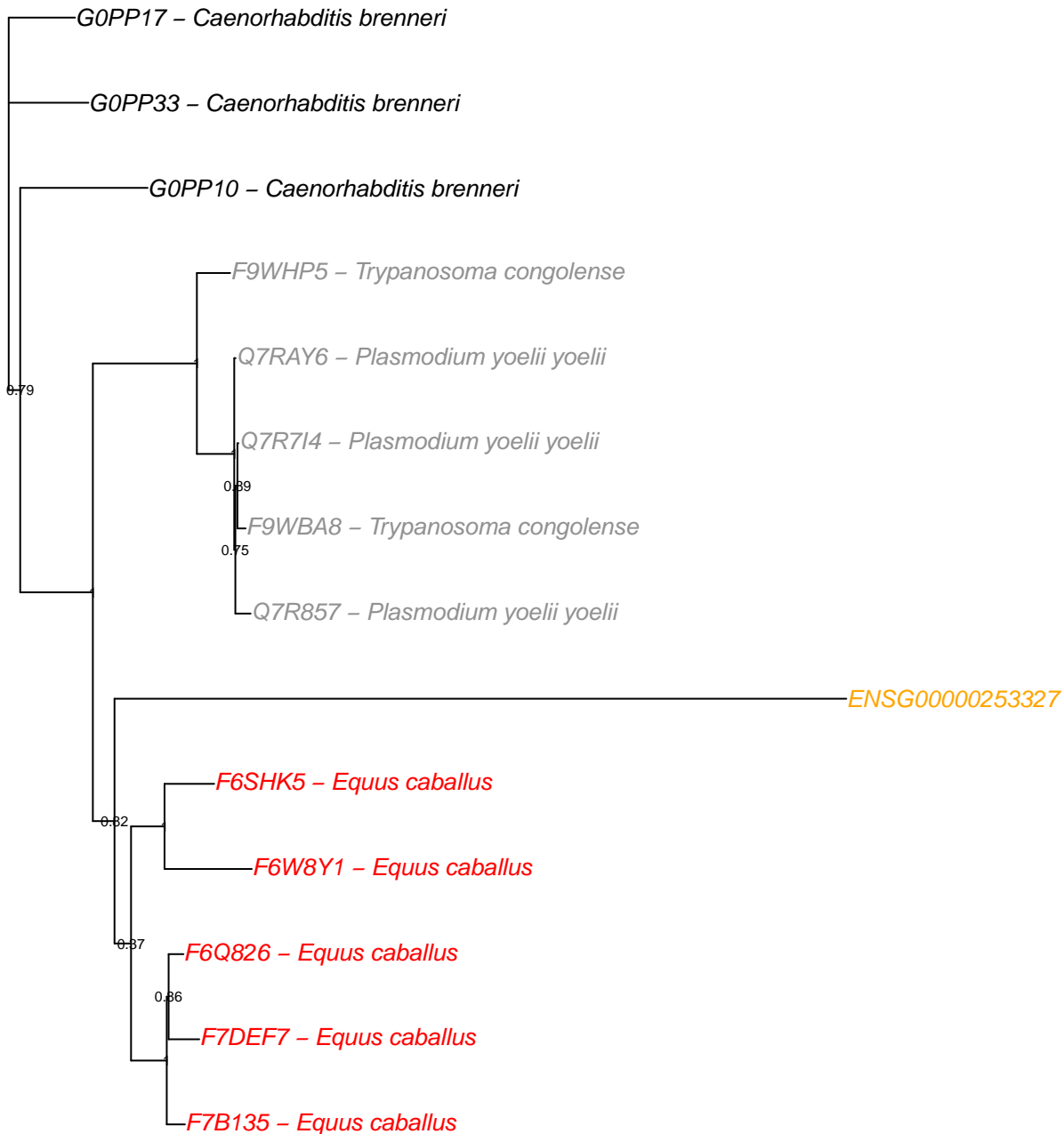
D2SB48 – *Geodermatophilus obscurus*

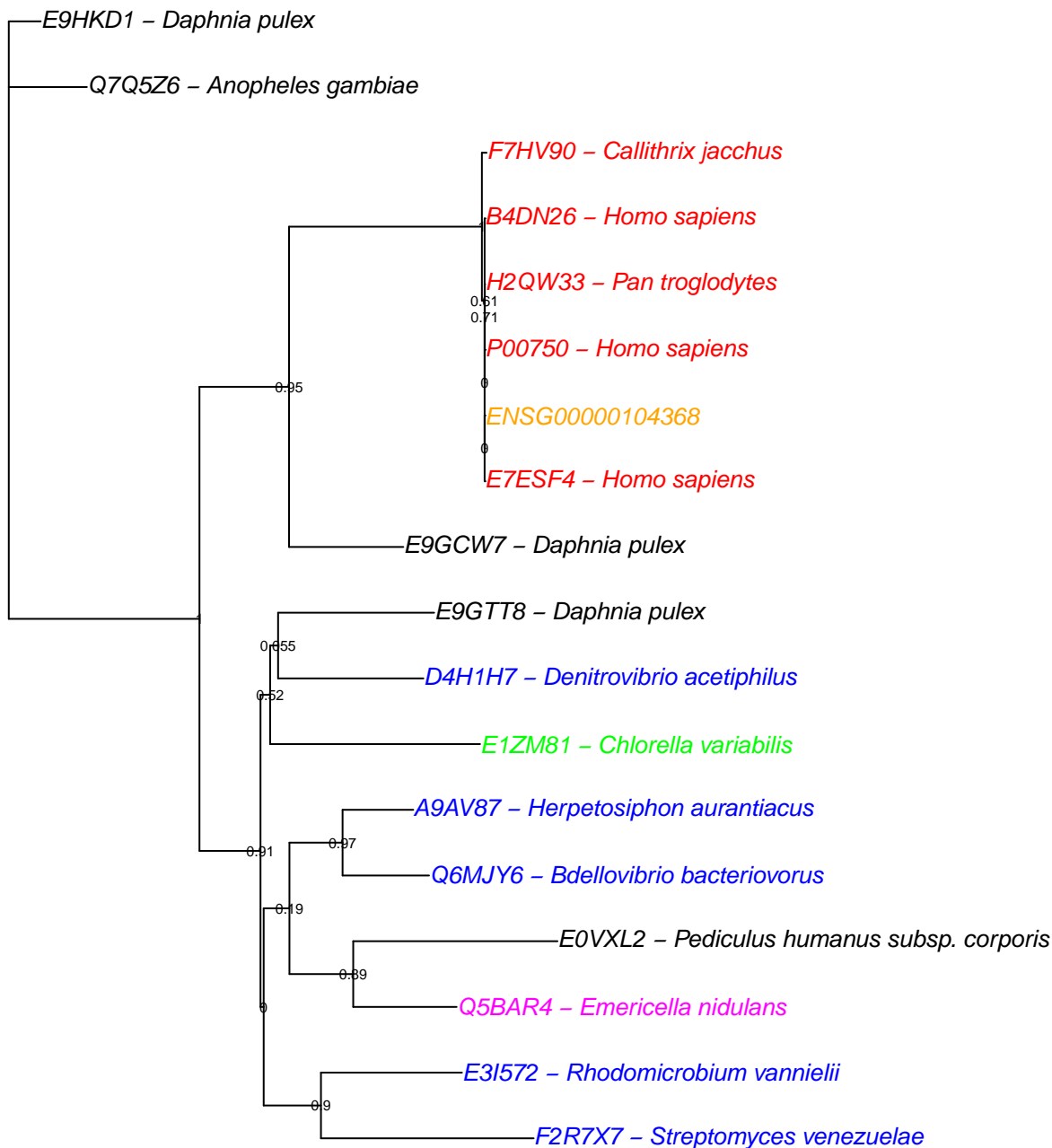


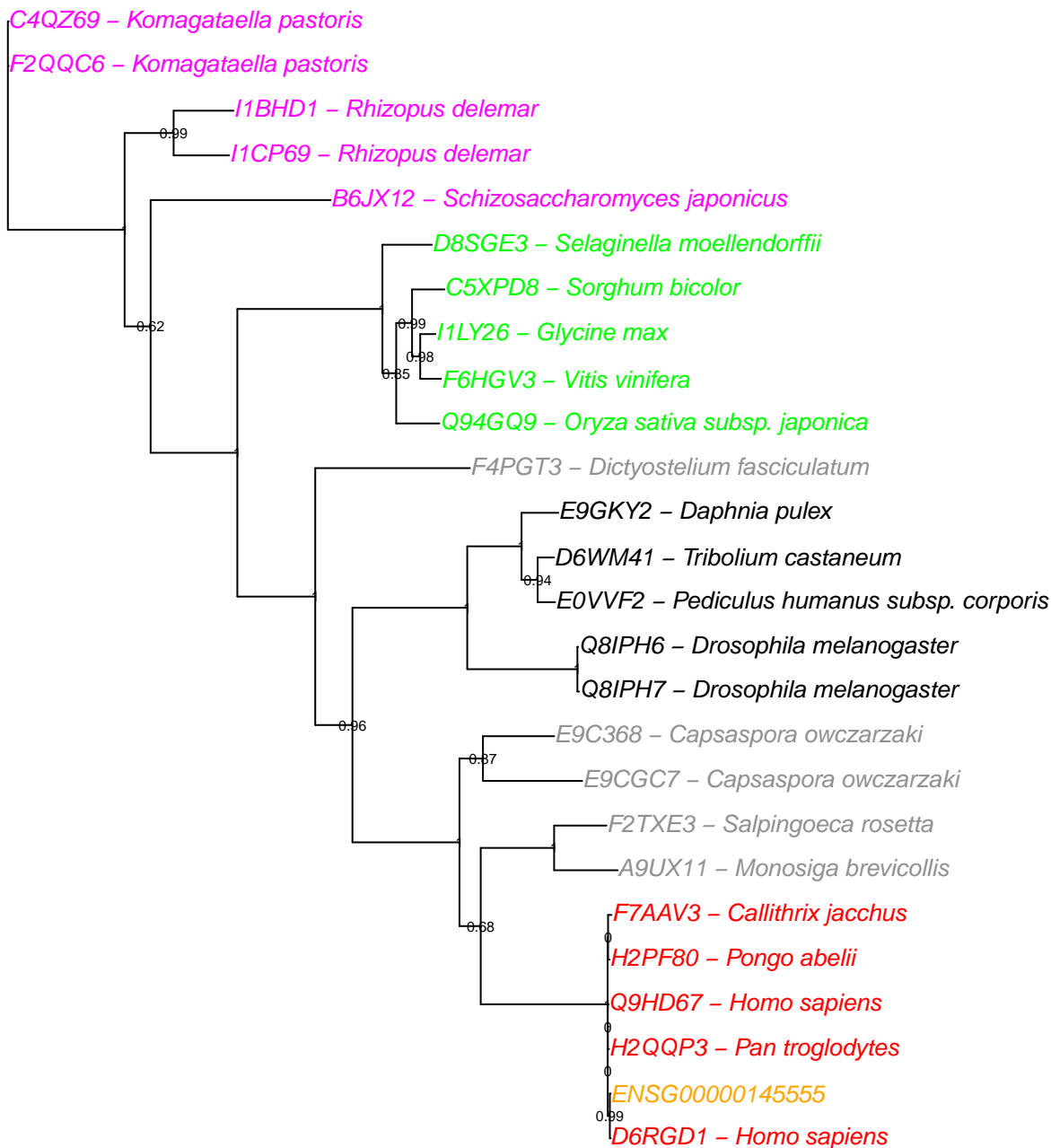






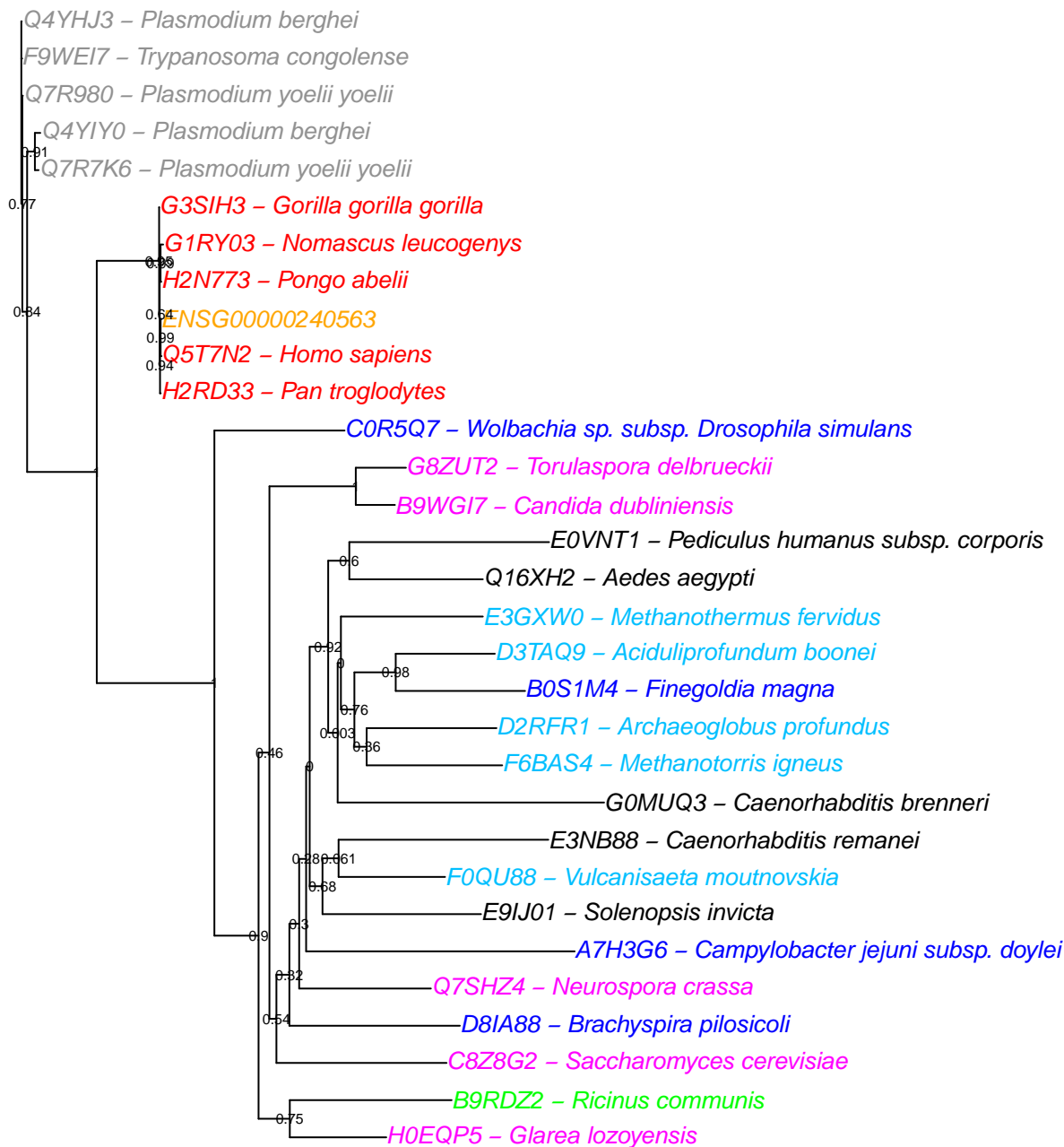




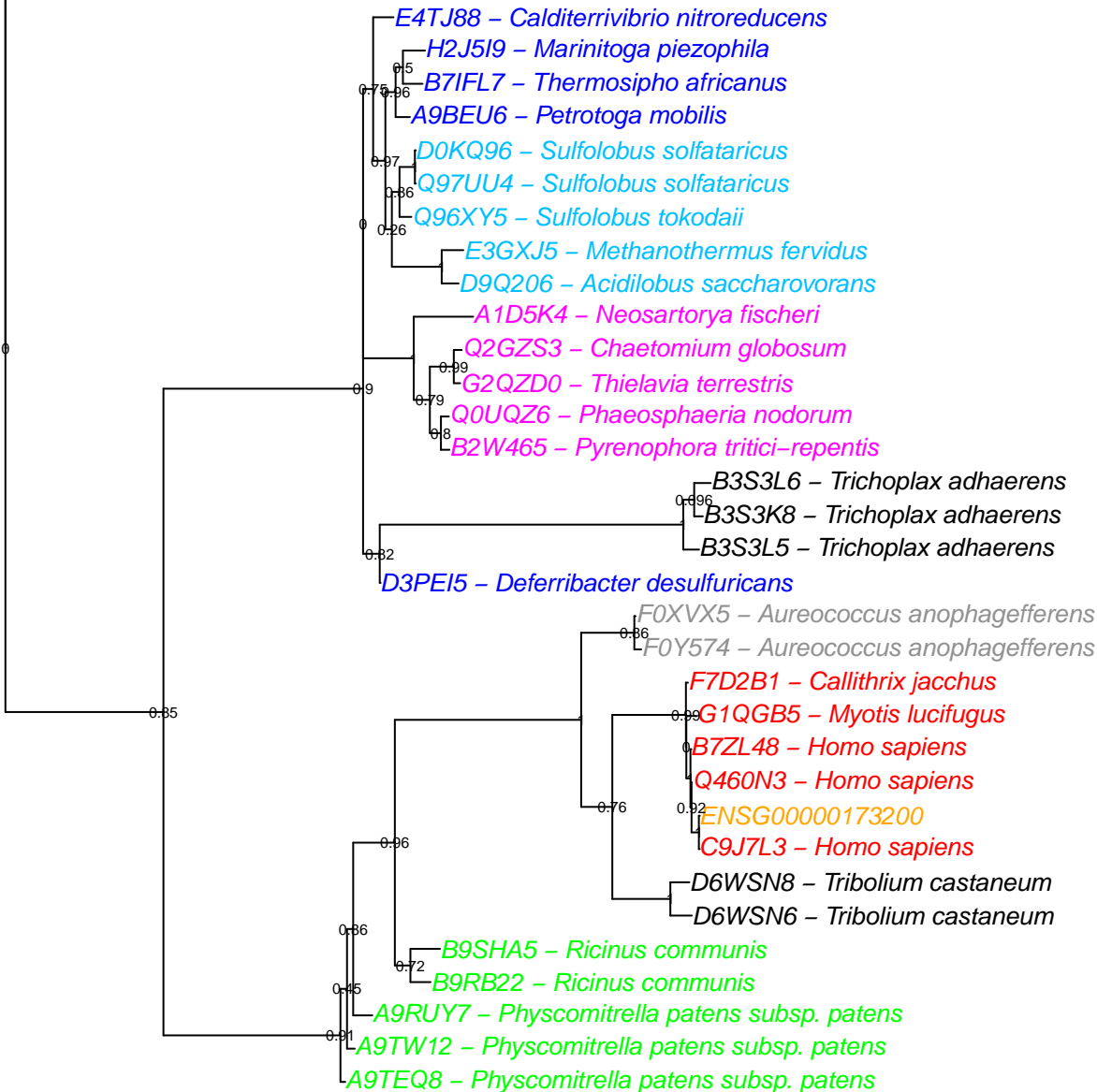


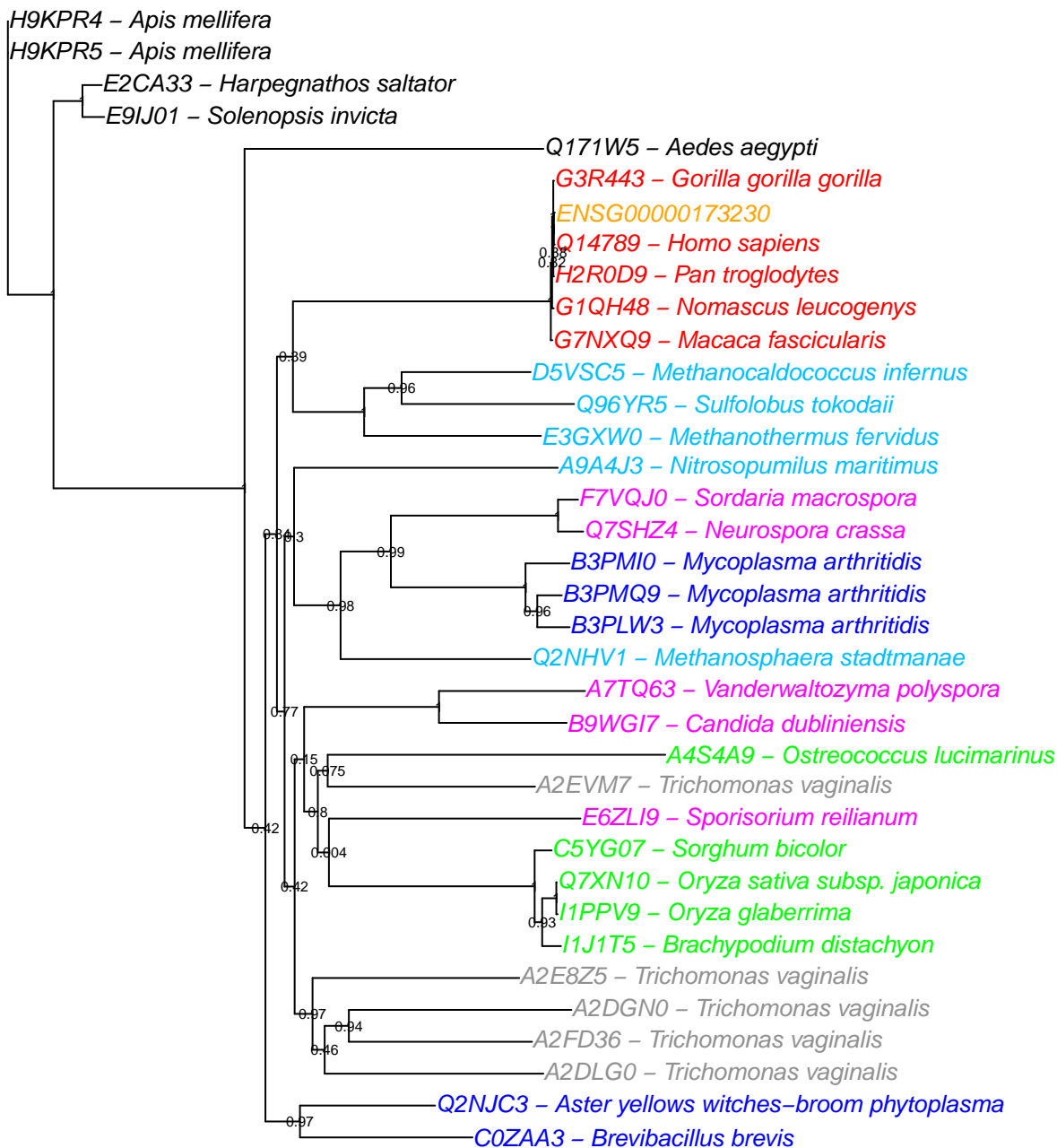
G3S9F9 – *Gorilla gorilla gorilla*
H2QQ22 – *Pan troglodytes*
Q86YA3 – *Homo sapiens*
ENSG00000138658
G1S333 – *Nomascus leucogenys*

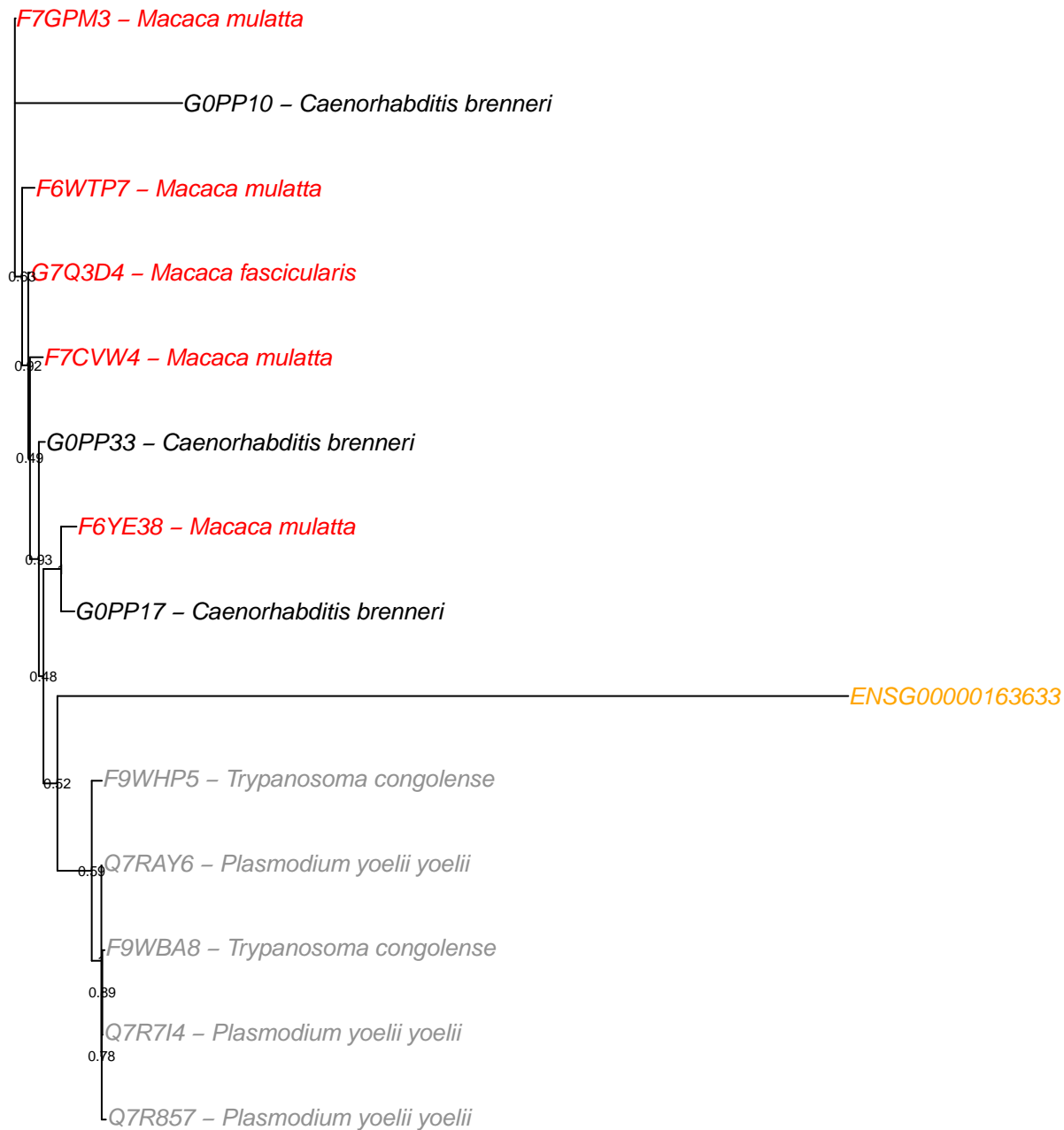


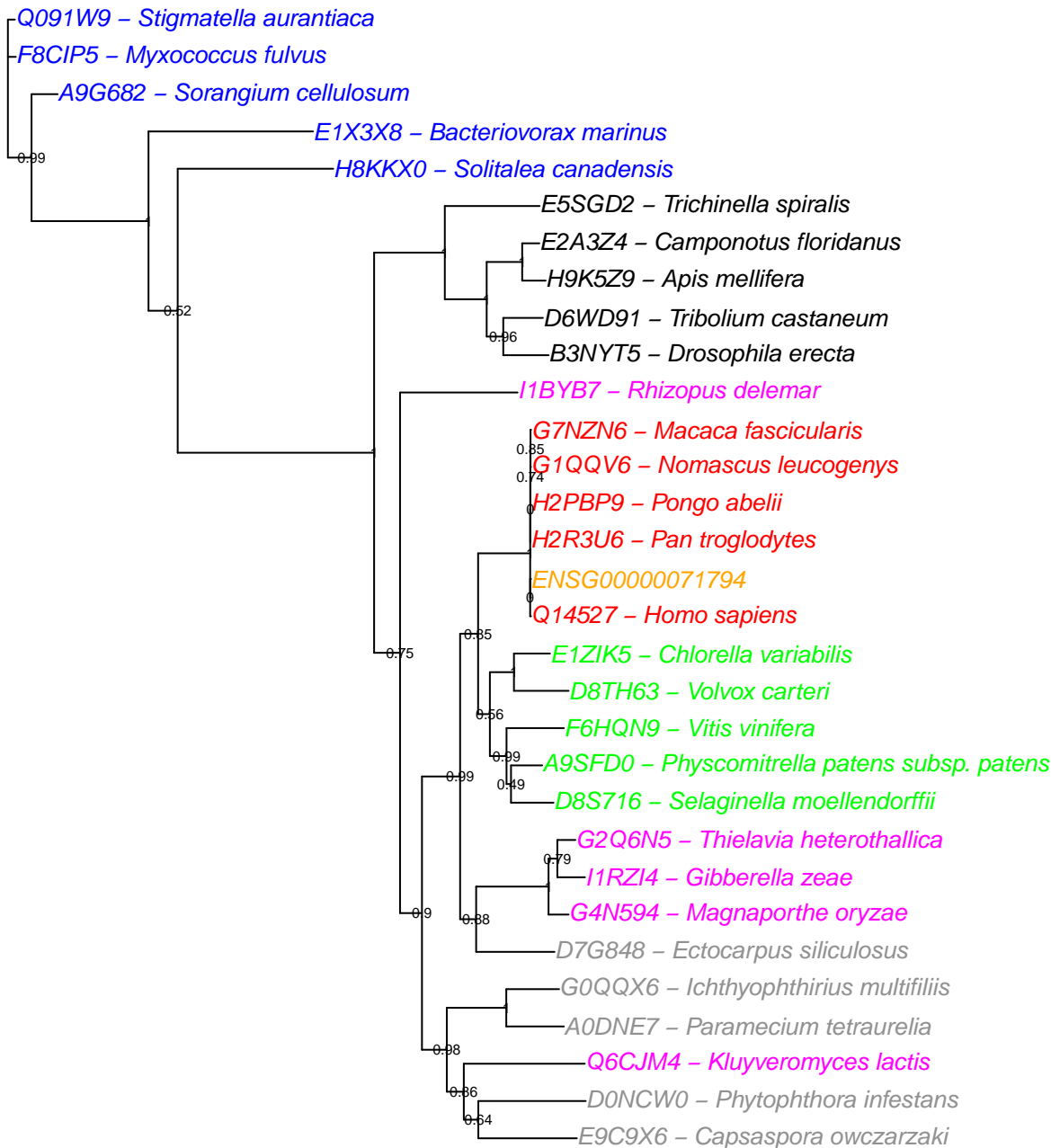


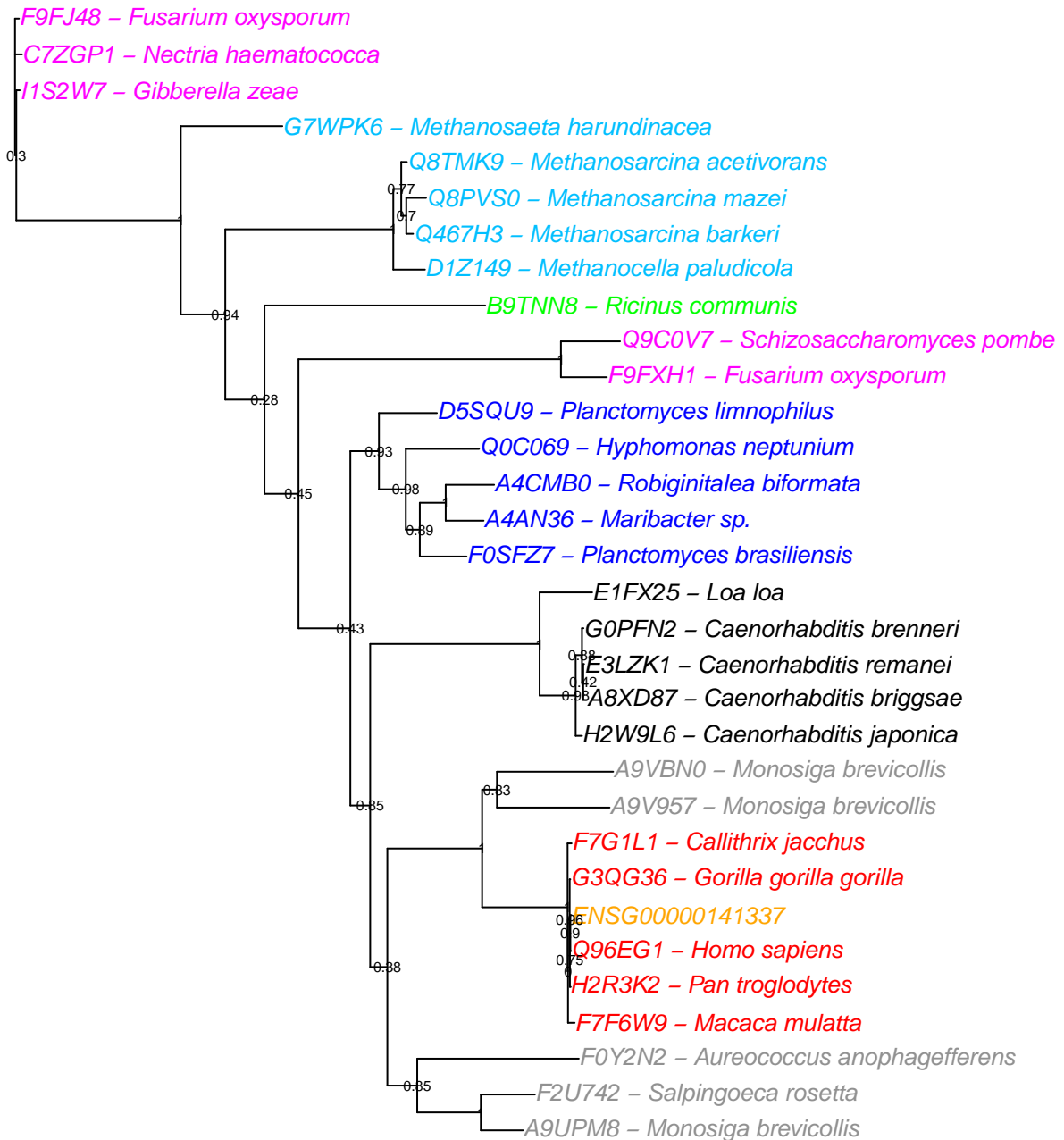
Q4YHI5 – *Plasmodium berghei*
Q4YHB6 – *Plasmodium berghei*
Q4YDG2 – *Plasmodium berghei*

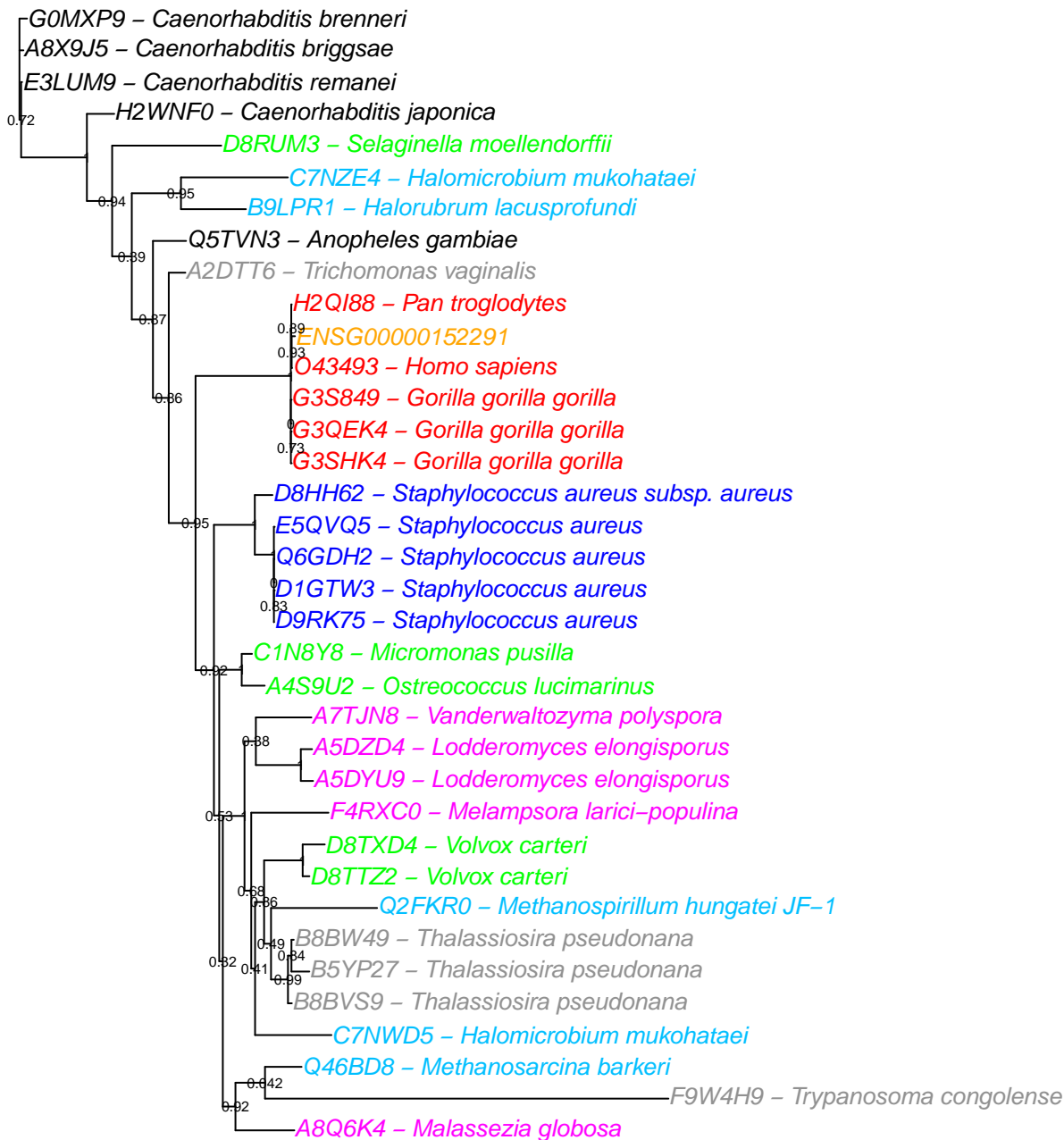






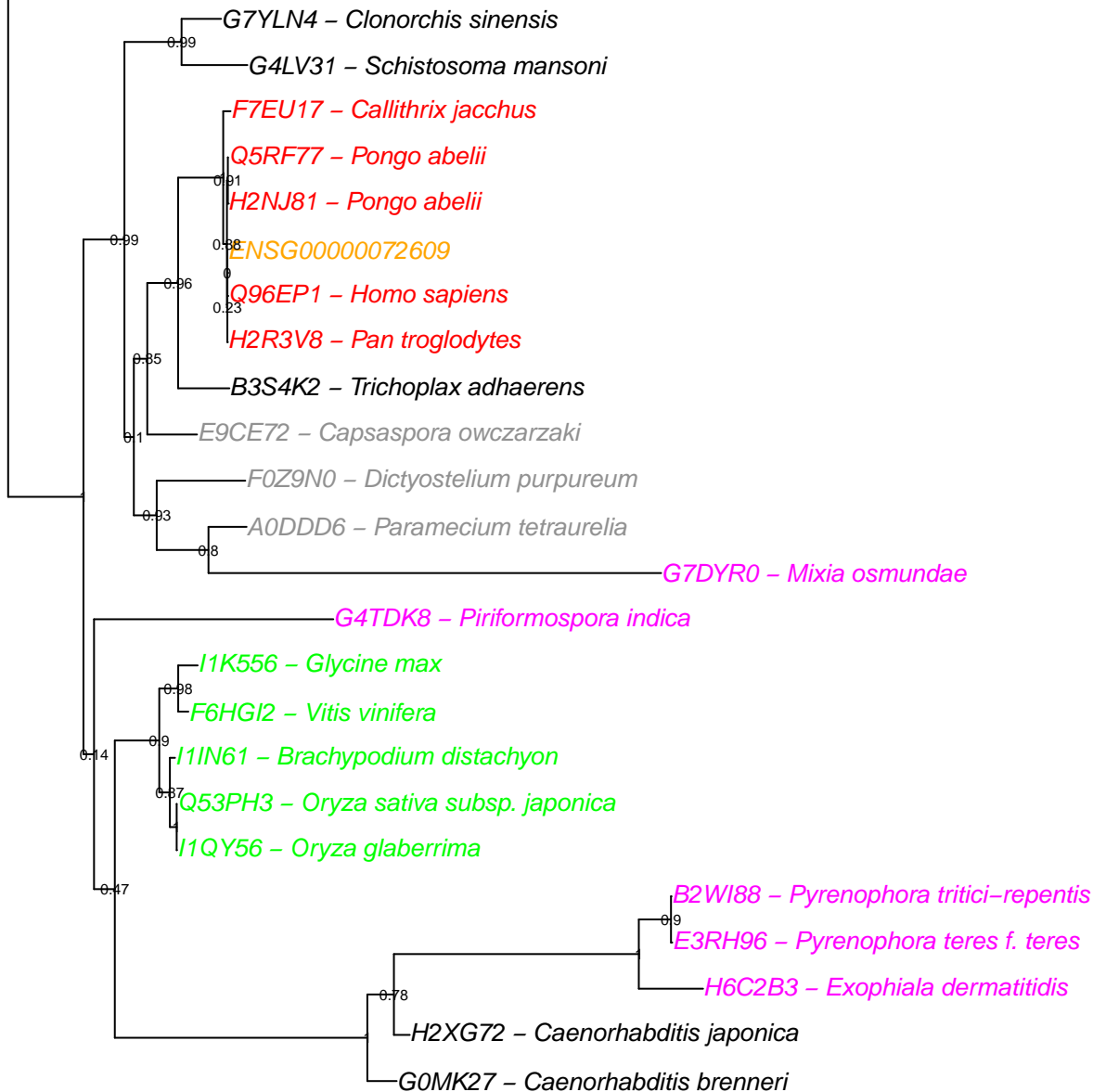


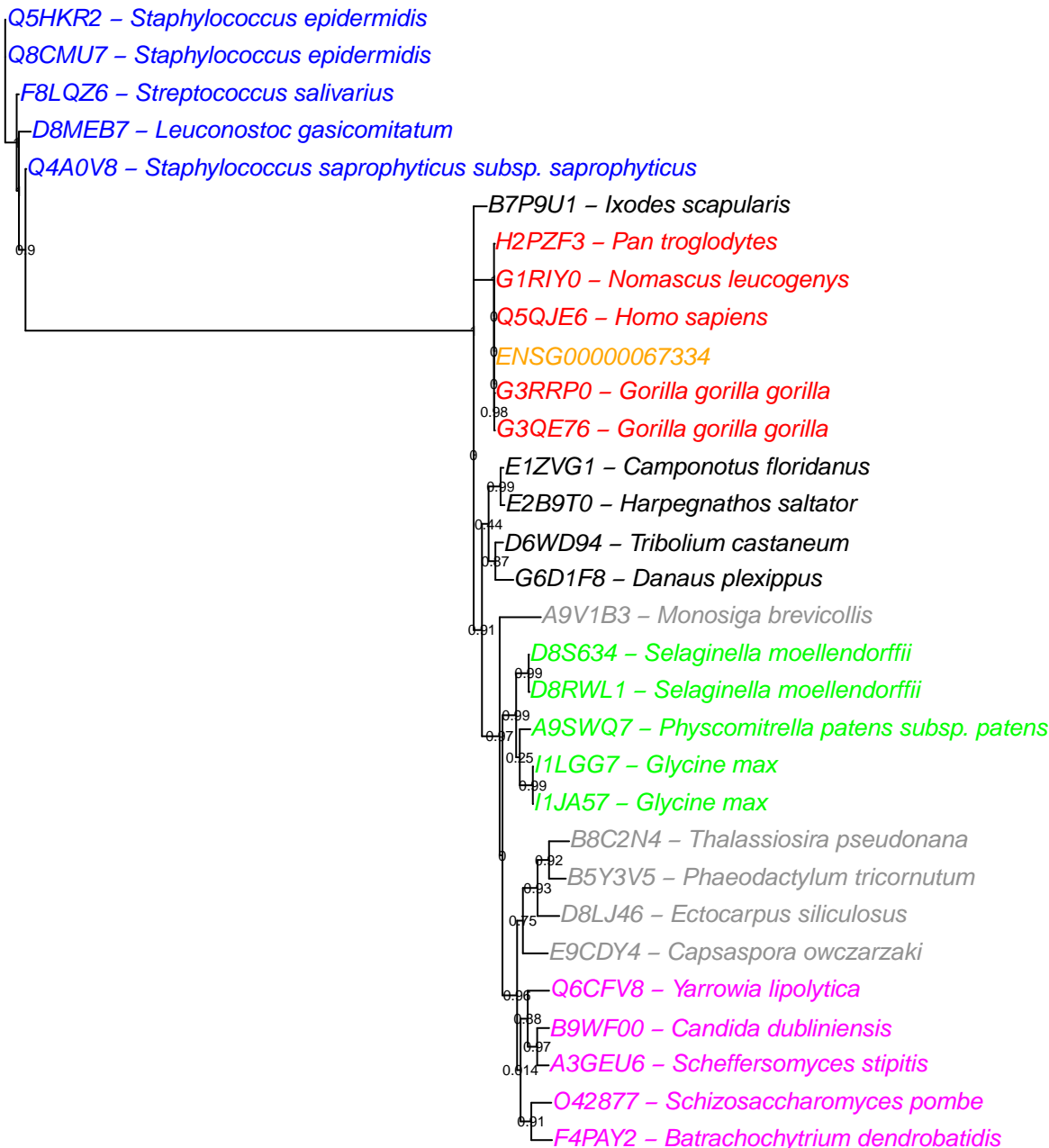


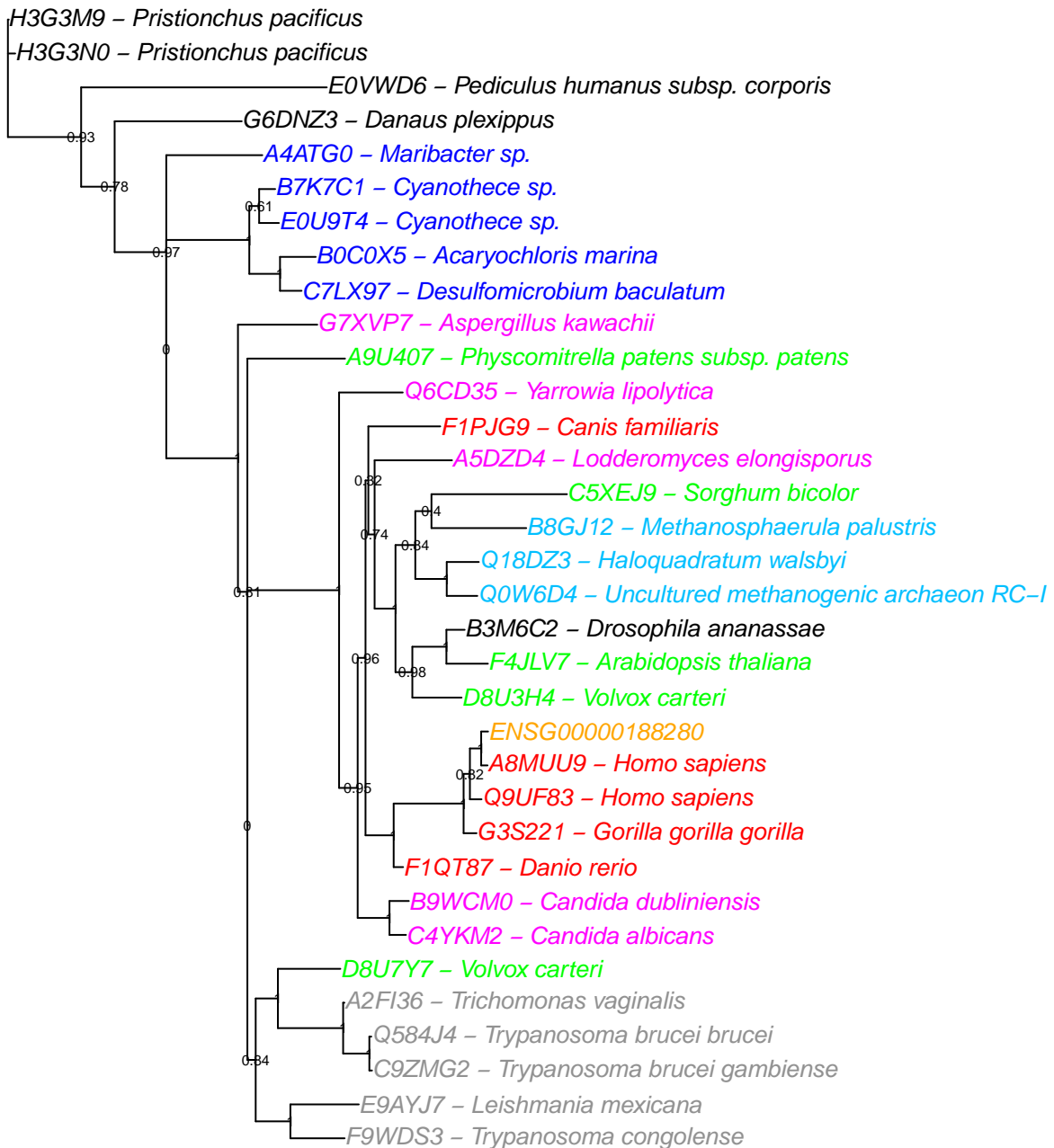


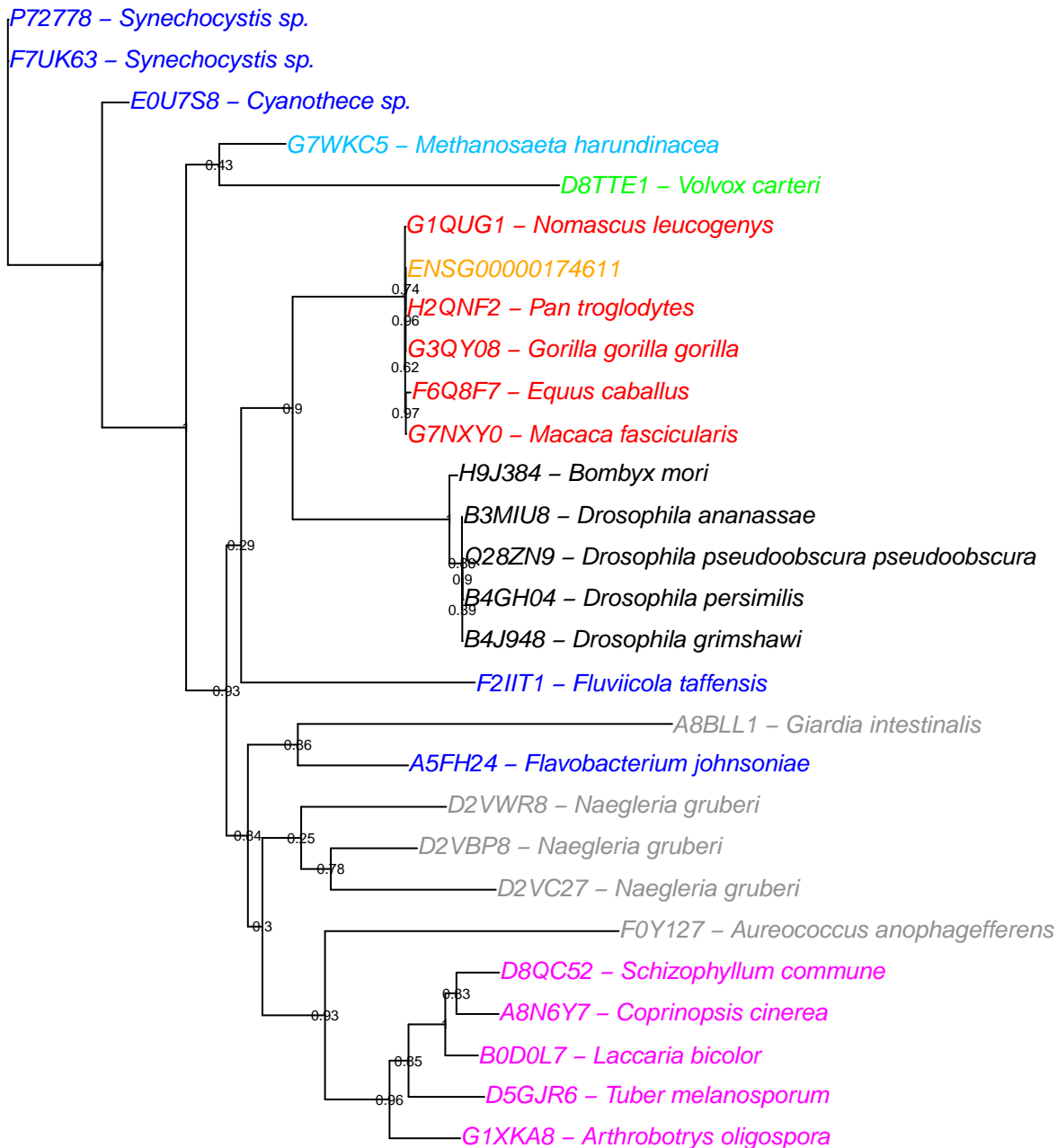
D0A993 – *Trypanosoma brucei gambiense*

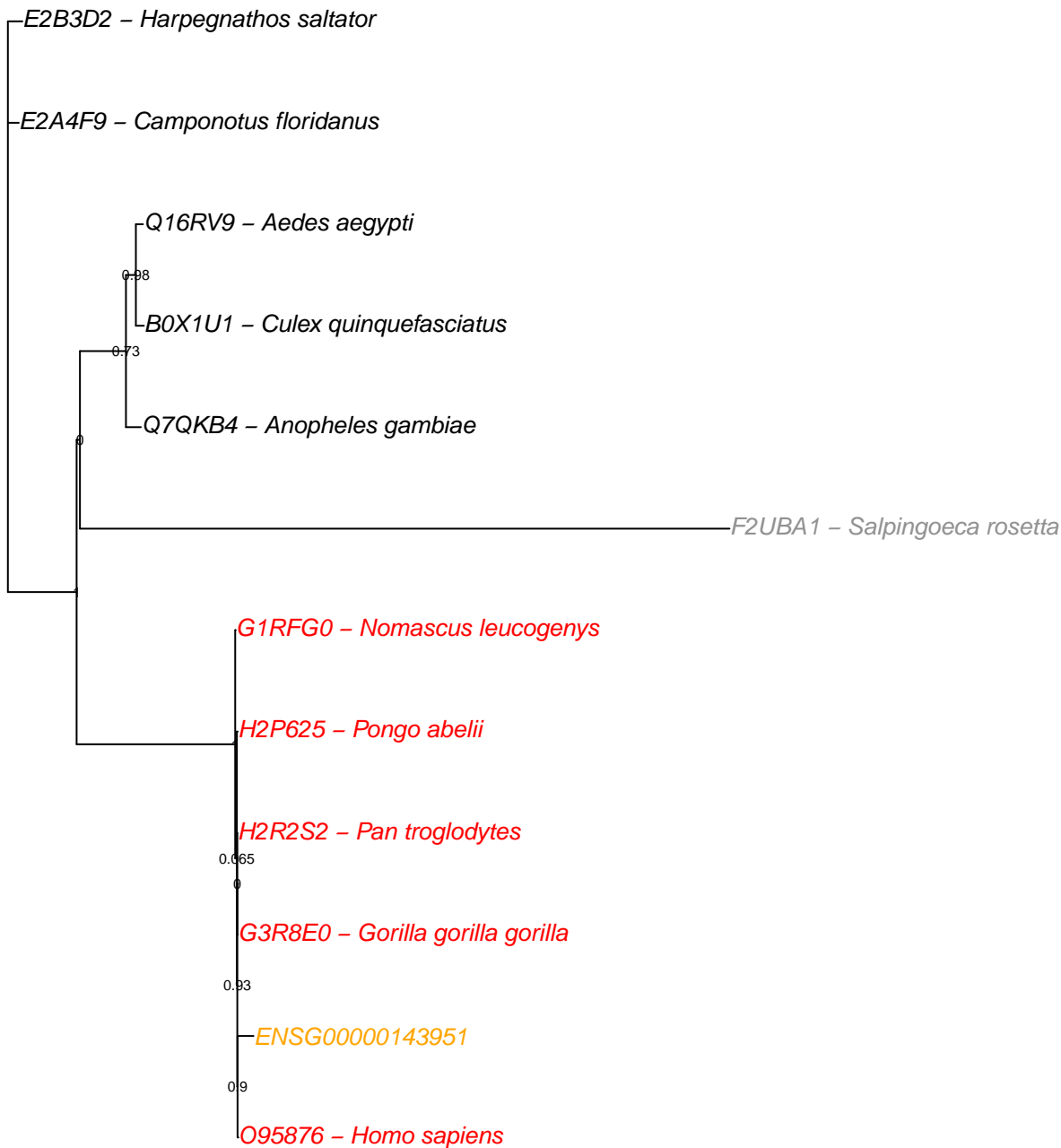
Q382W2 – *Trypanosoma brucei brucei*

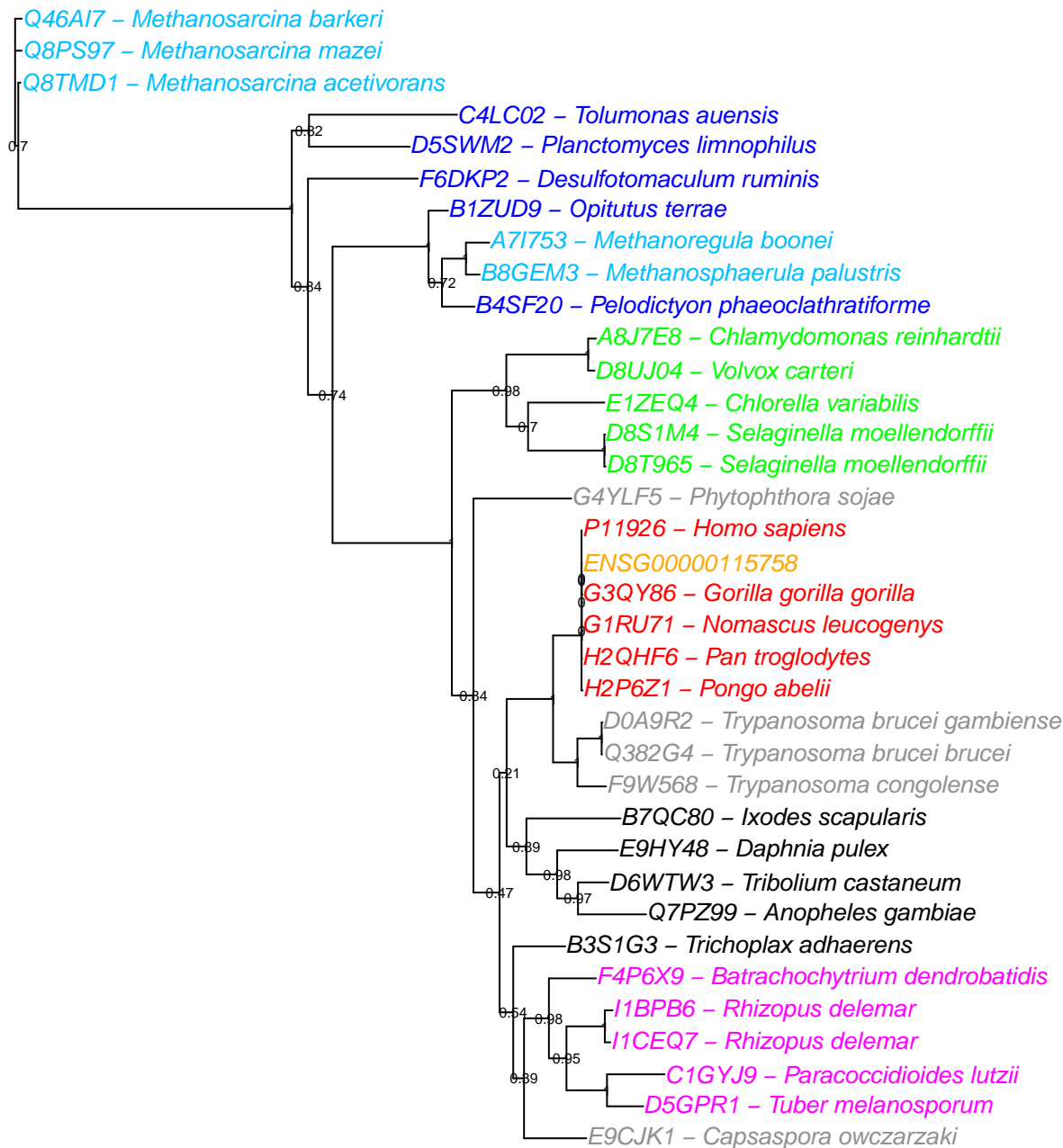


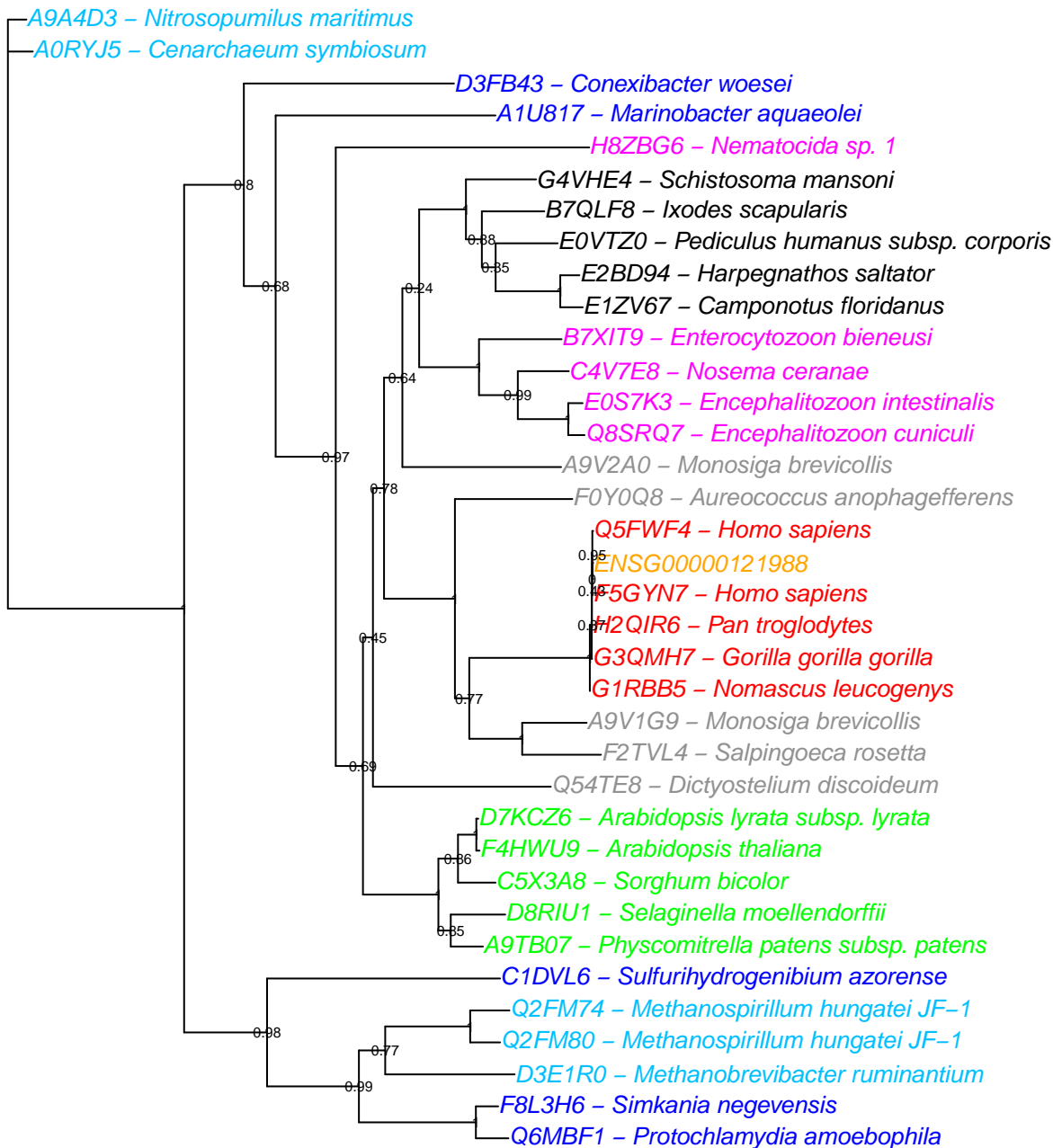


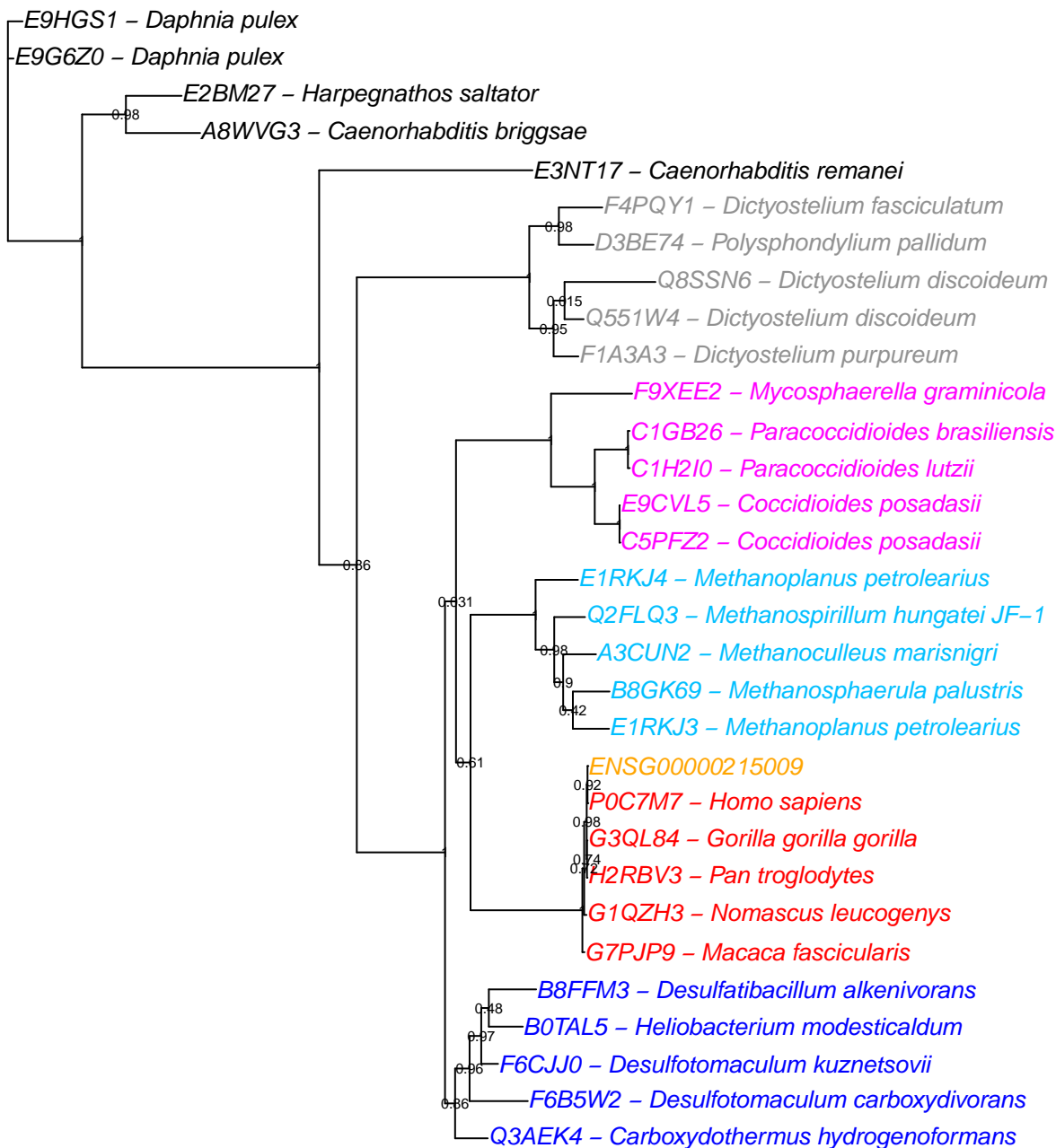


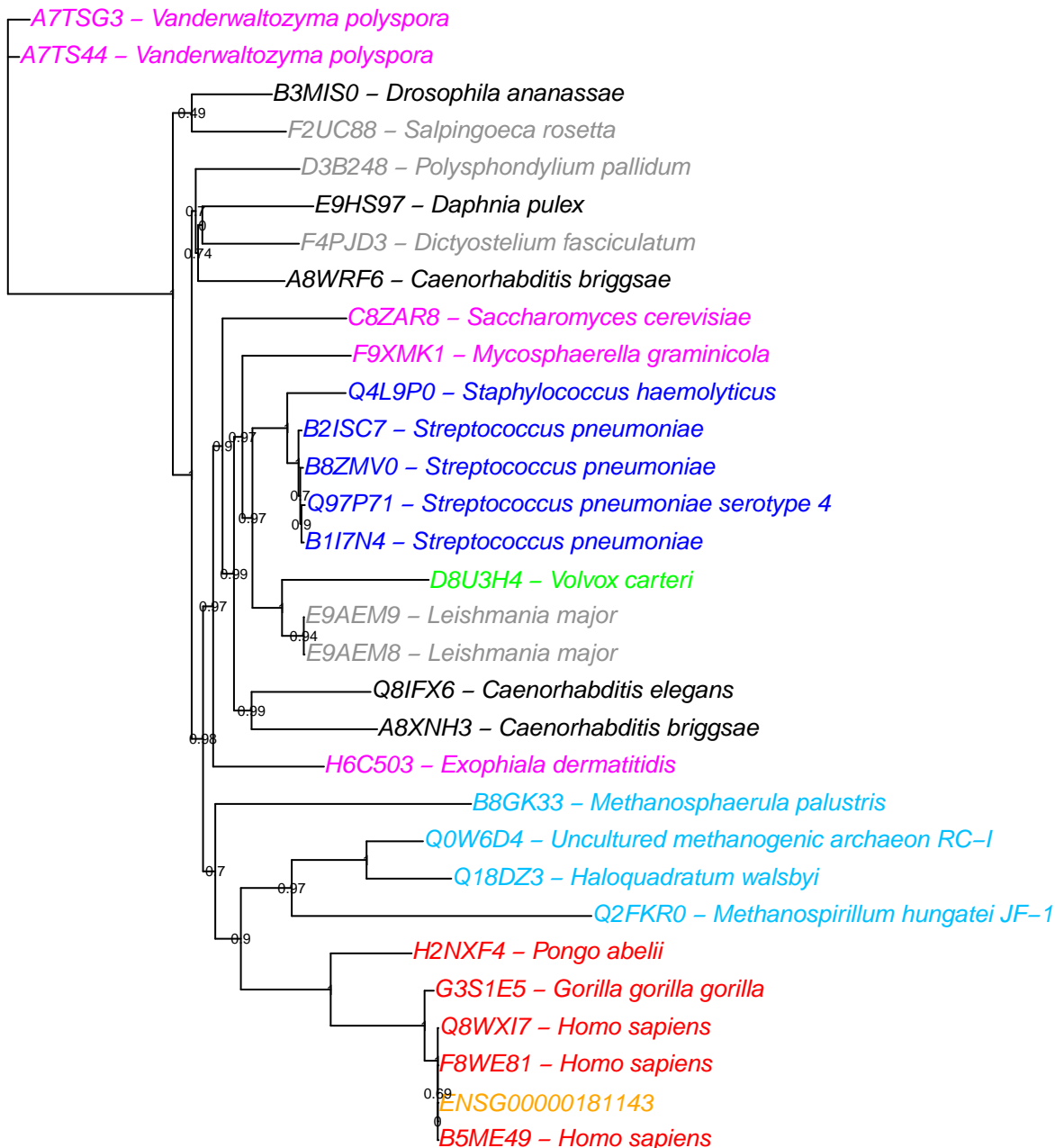


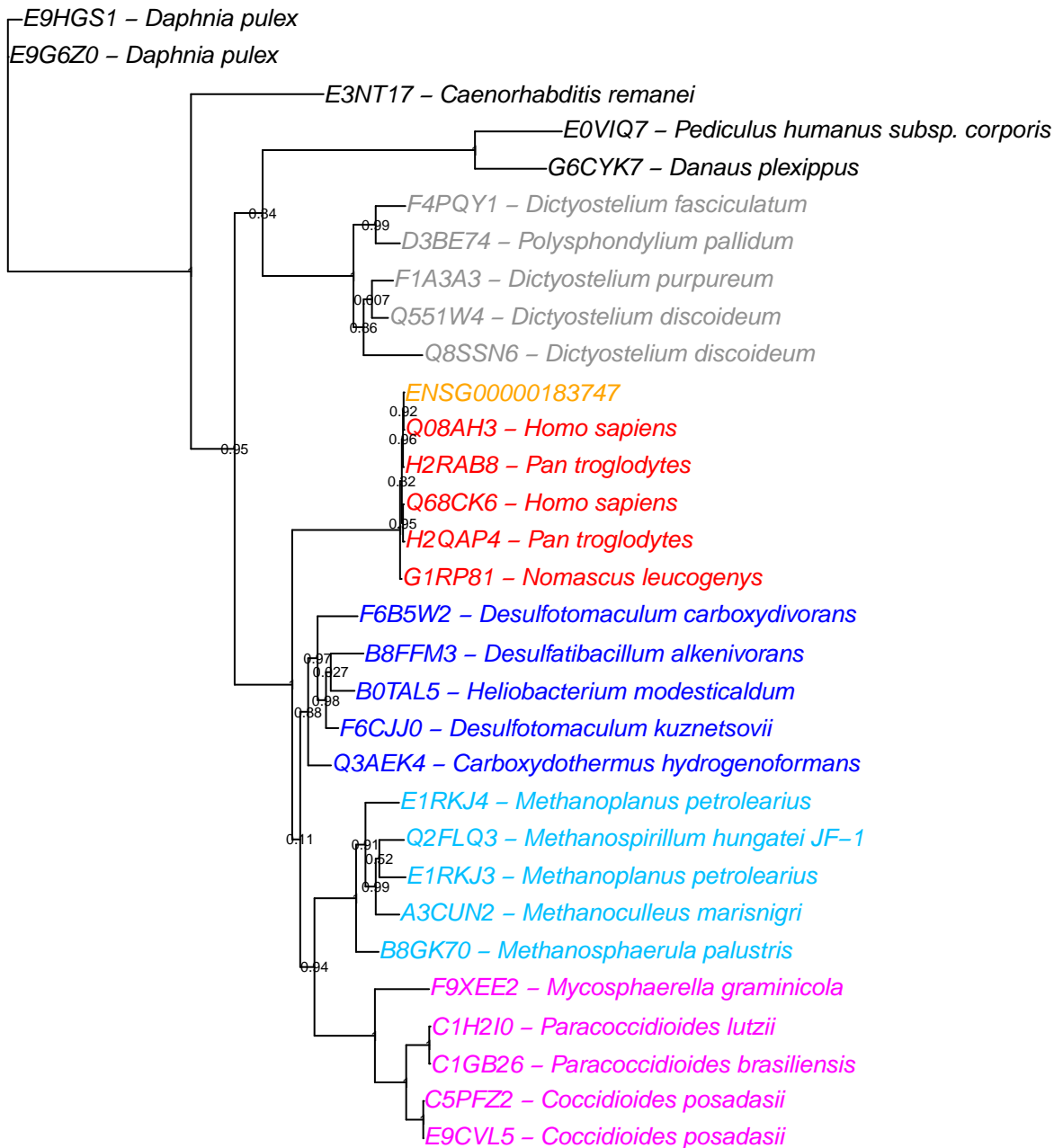


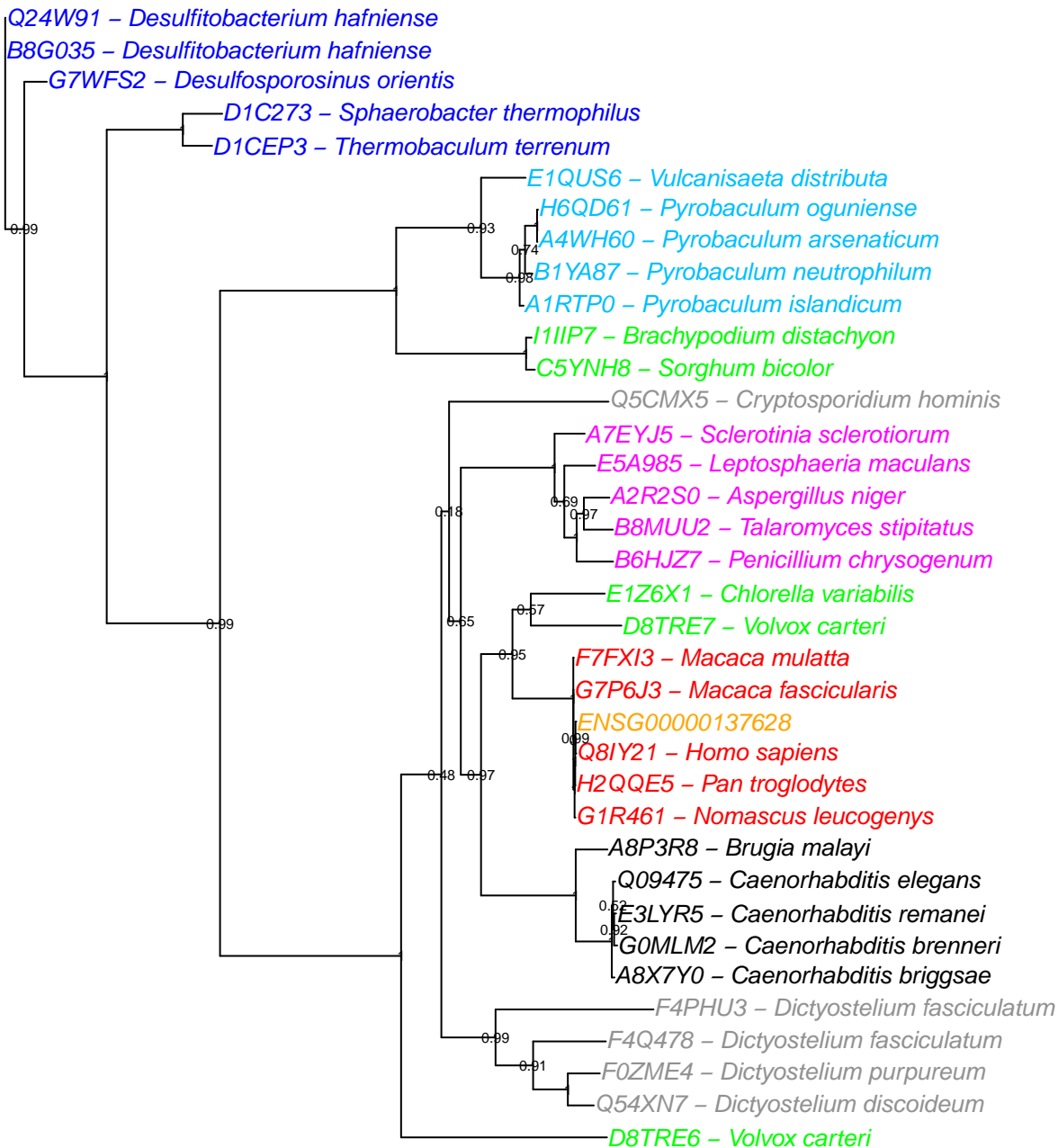






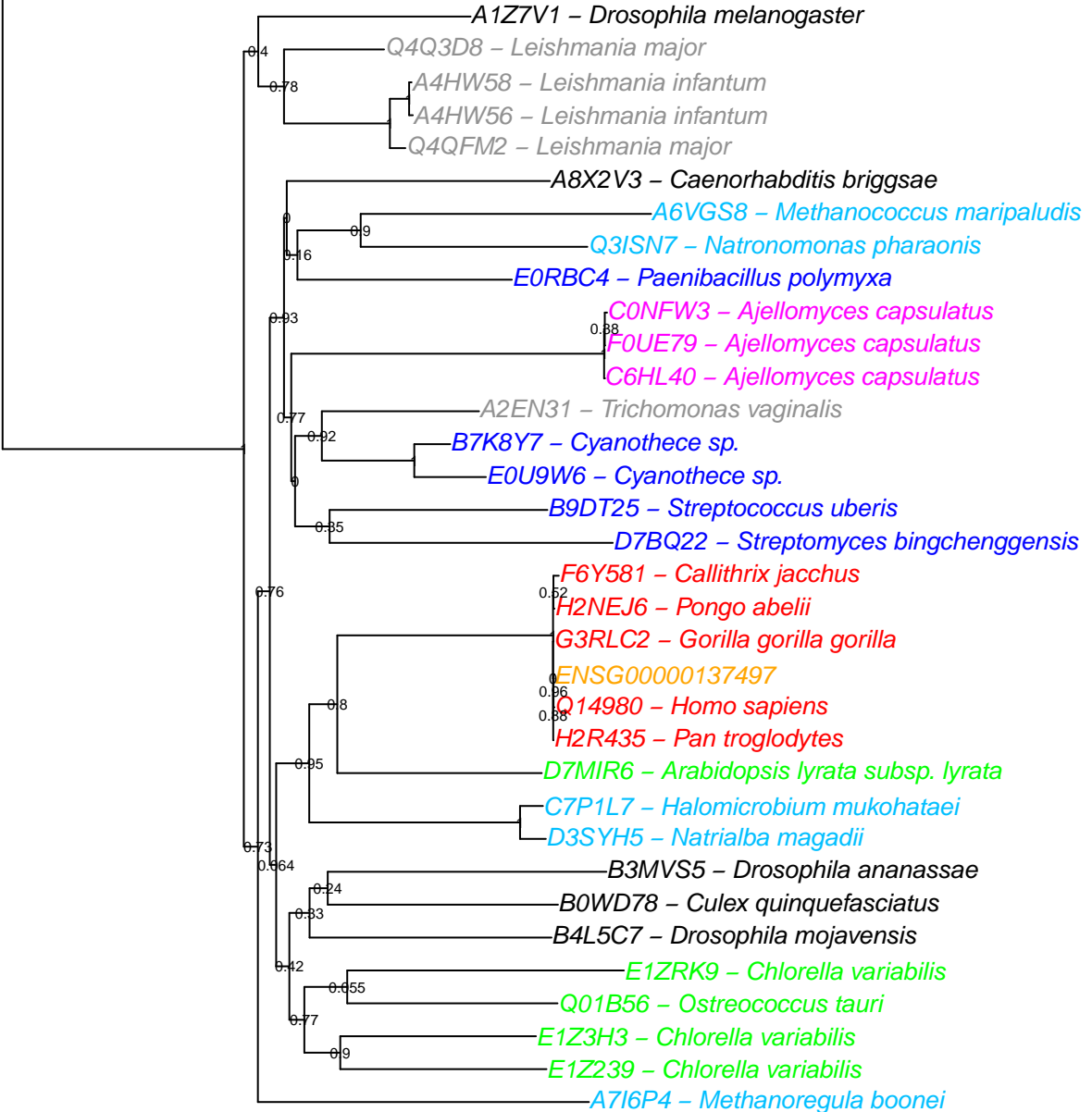


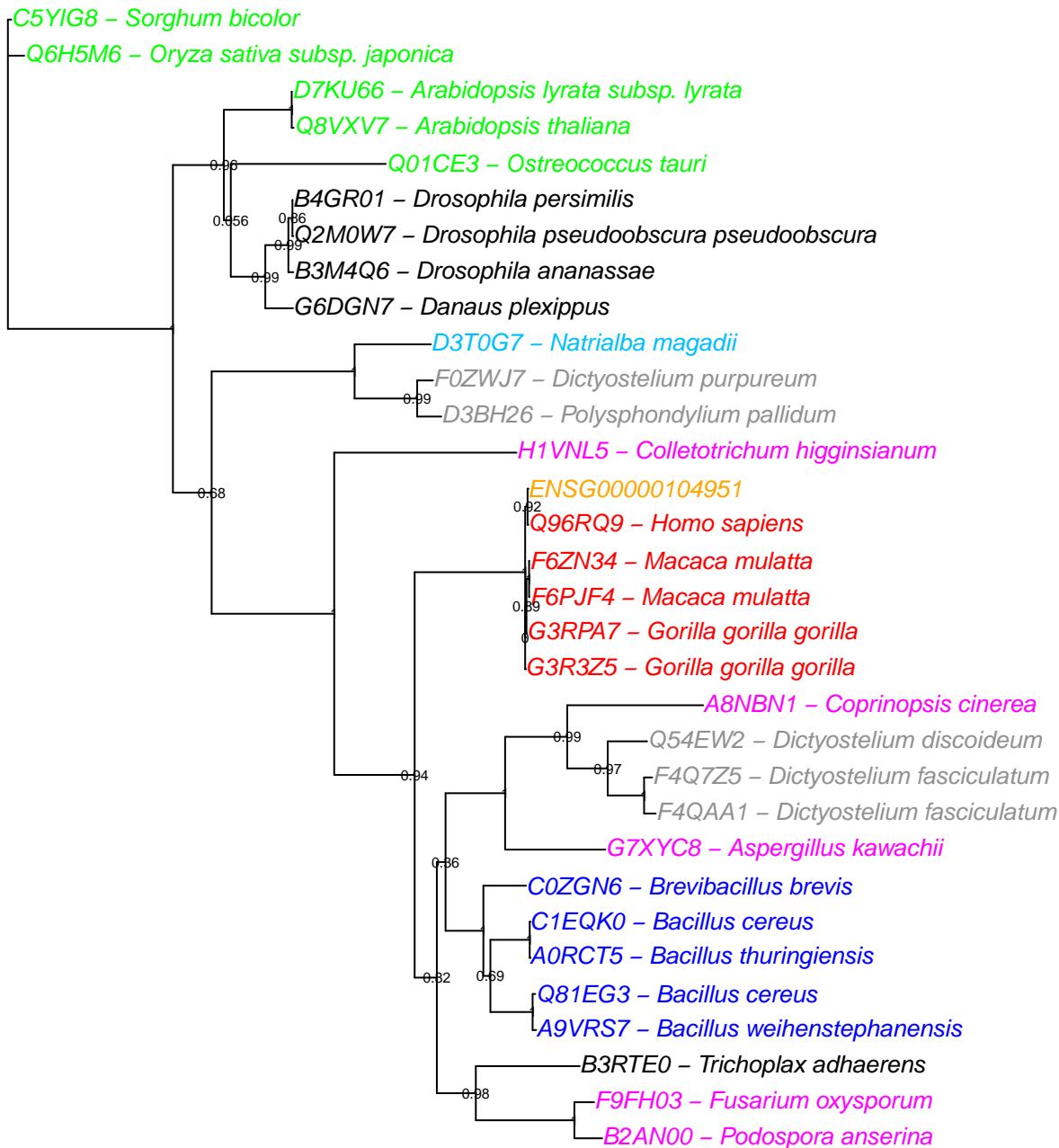




E9E4A9 – *Metarhizium acridum*

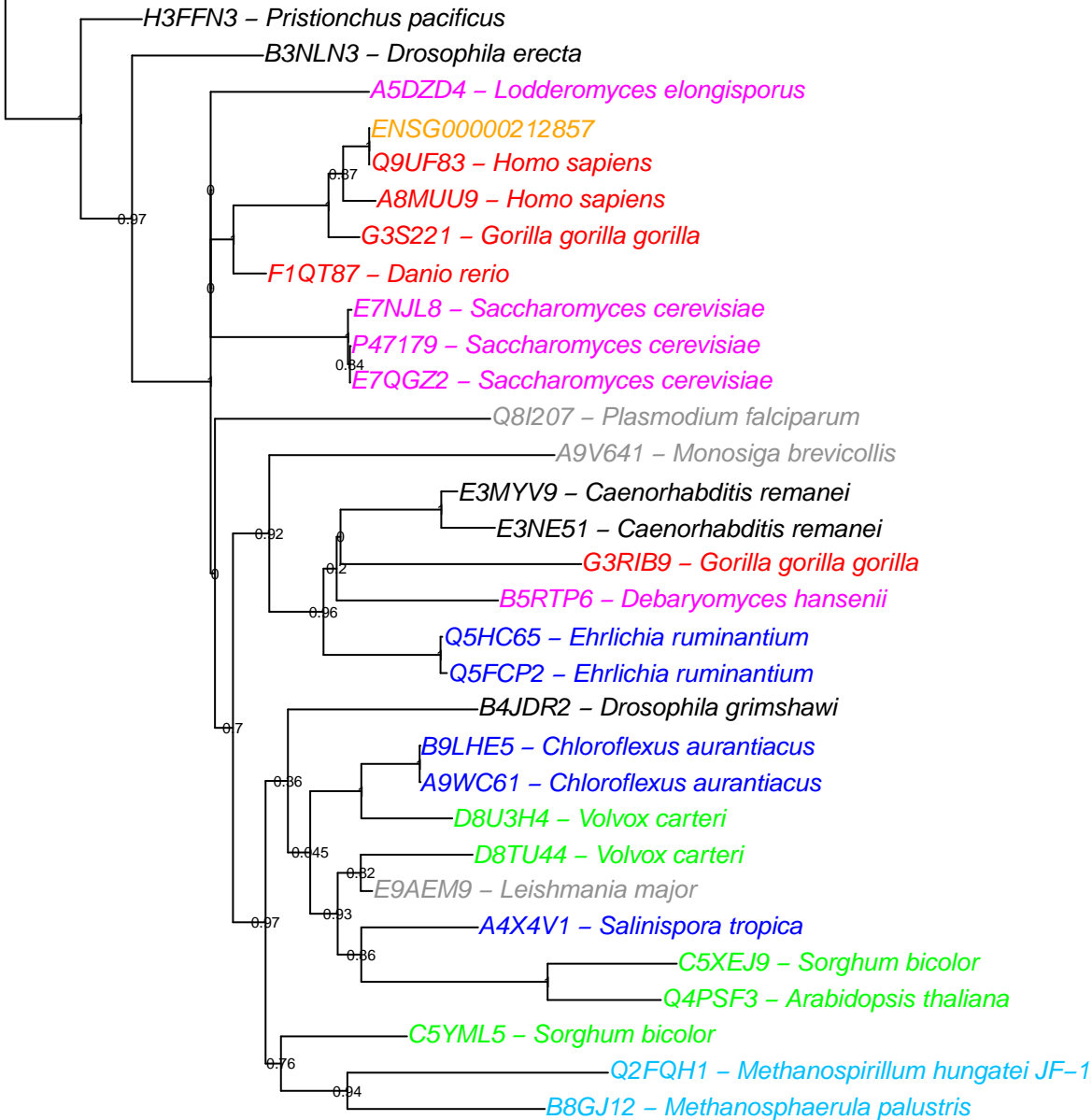
E9EWX1 – *Metarhizium anisopliae*

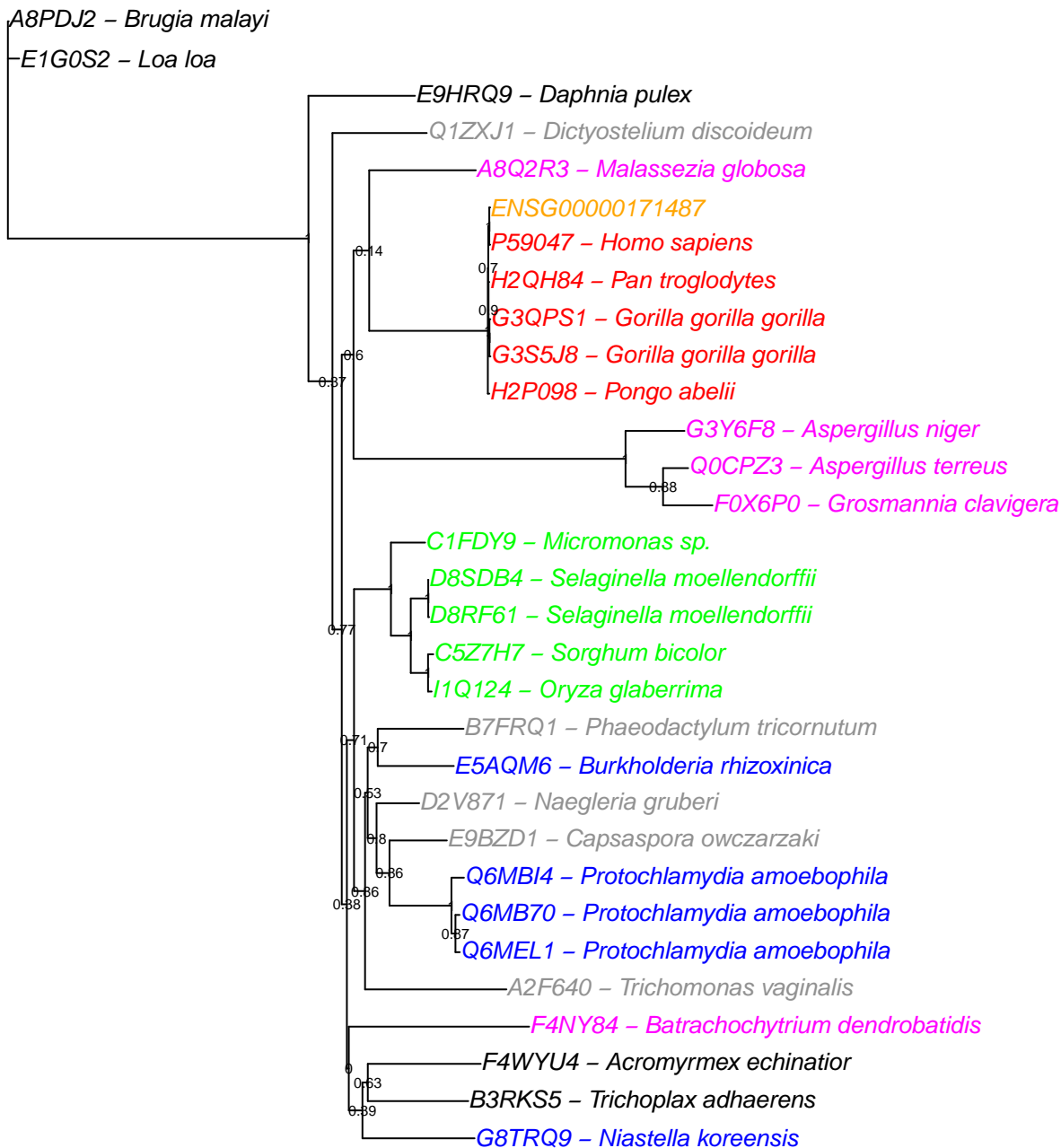




E9AP04 – *Leishmania mexicana*

E9ANZ9 – *Leishmania mexicana*





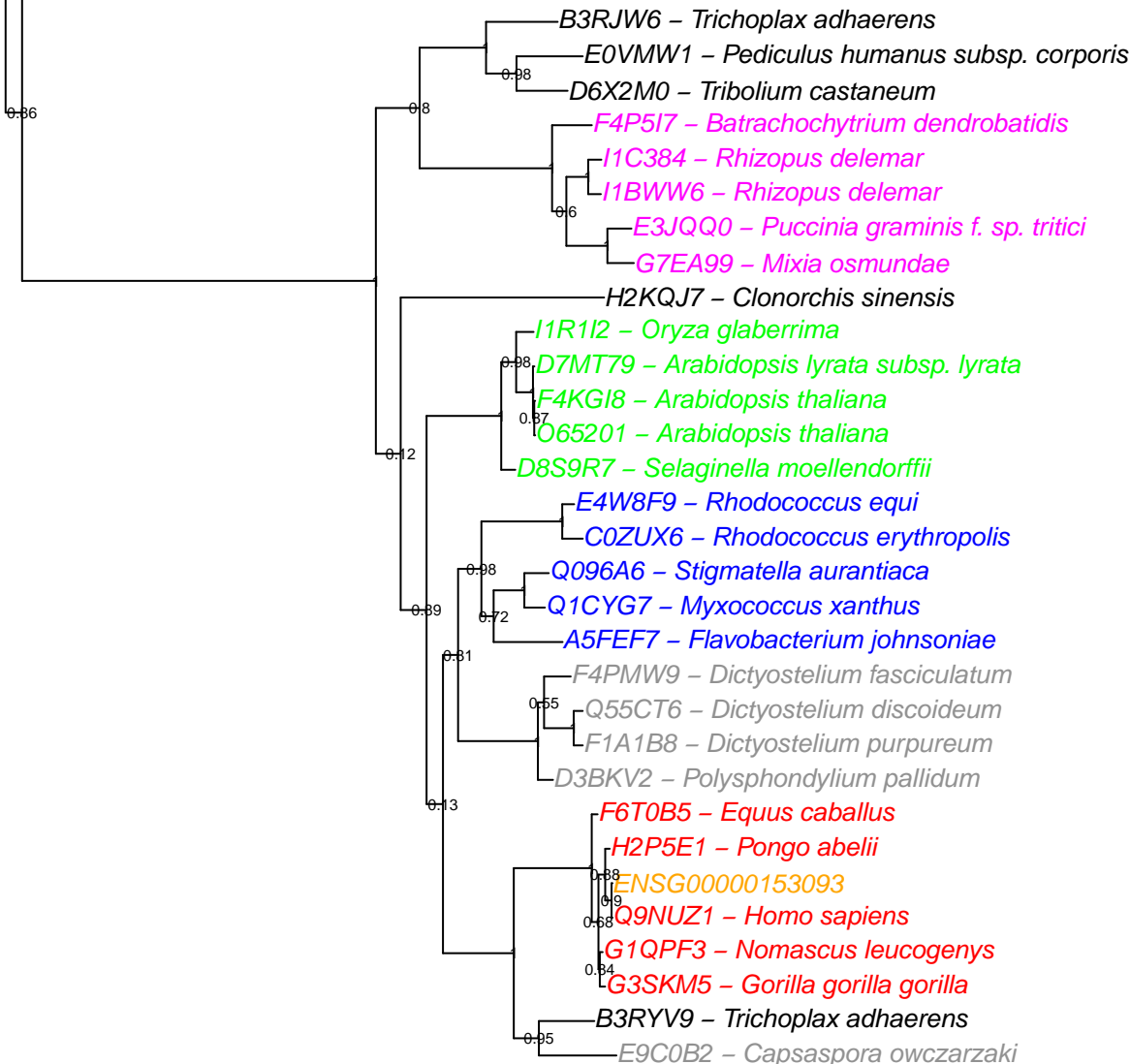
Q9HPT2 – *Halobacterium salinarum*

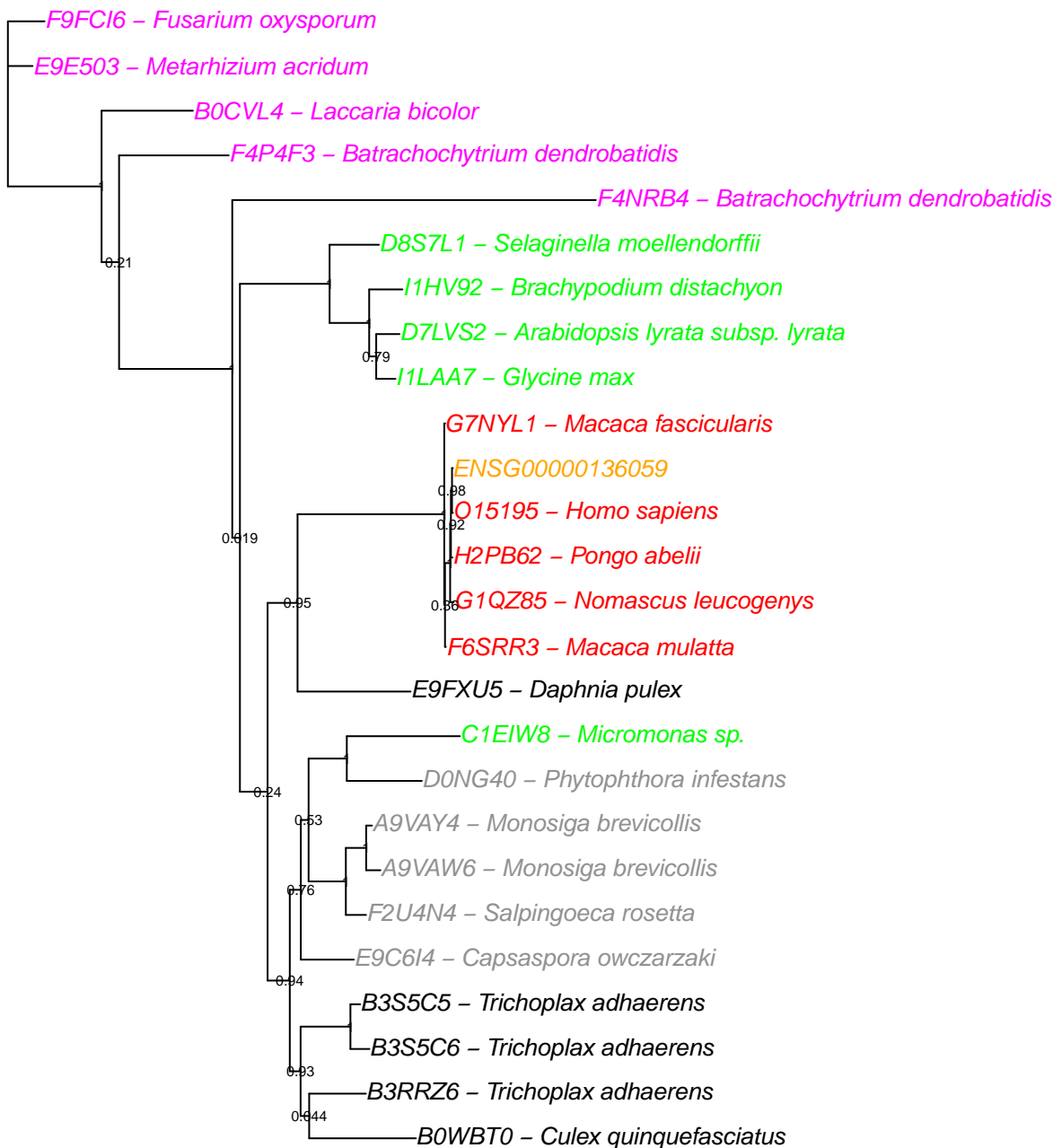
B0R5Q2 – *Halobacterium salinarum*

Q3IS62 – *Natronomonas pharaonis*

D3T041 – *Natrialba magadii*

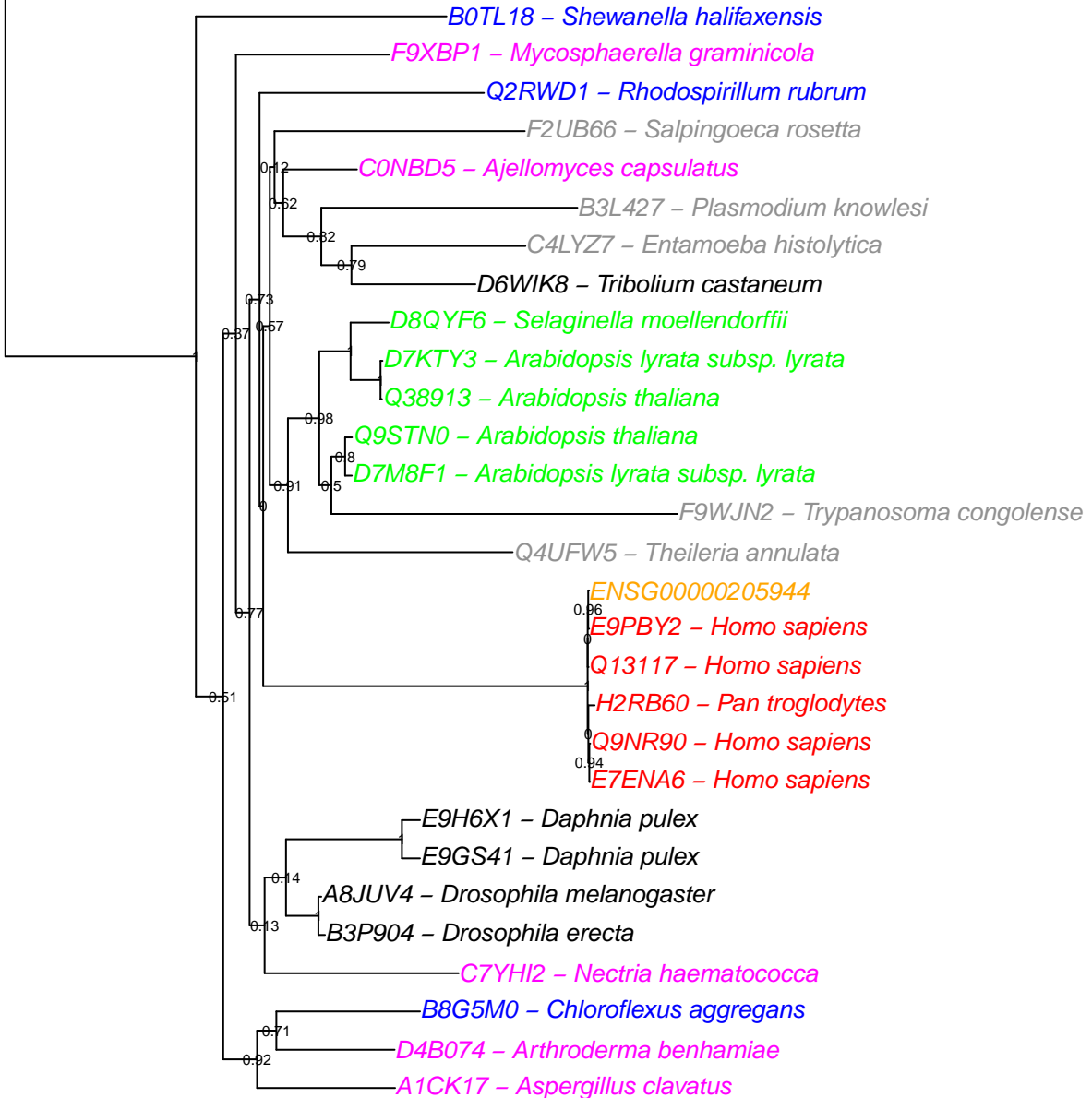
D2S1D8 – *Haloterrigena turkmenica*

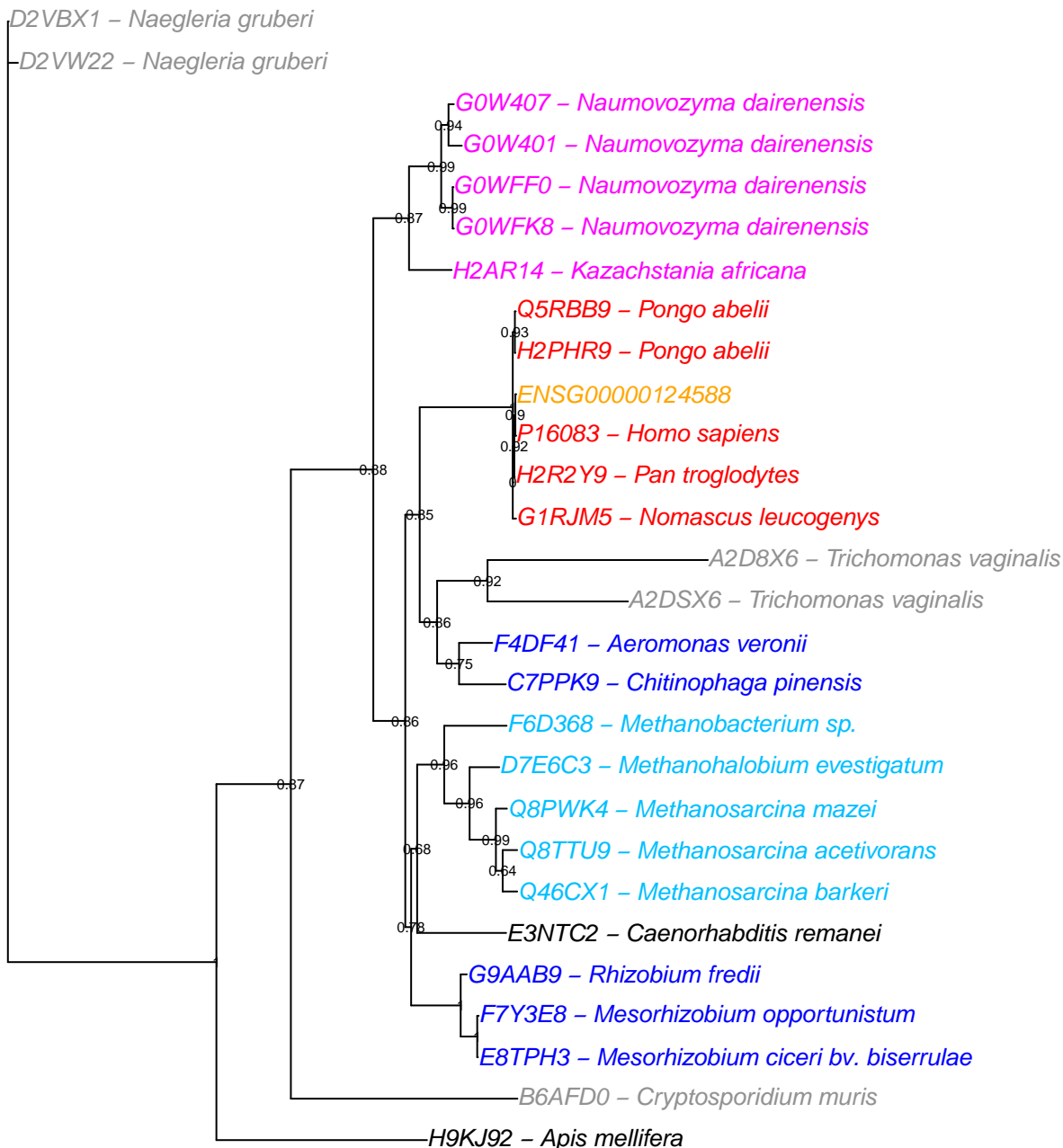


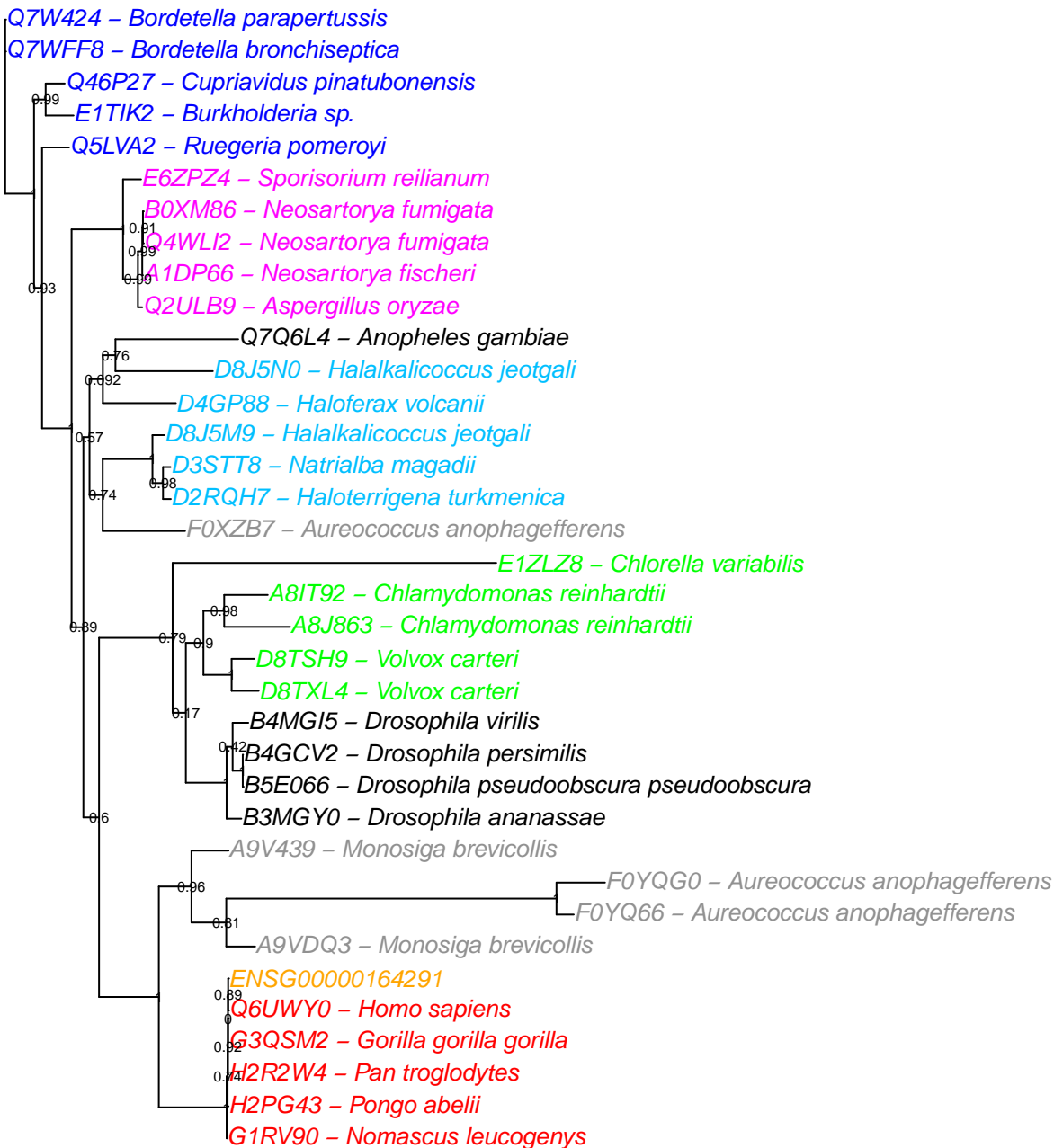


B5XYA2 – *Klebsiella pneumoniae*

D3RLA1 – *Klebsiella variicola*







Q5KKV1 – *Cryptococcus neoformans* var. *neoformans* serotype D

F5HI07 – *Cryptococcus neoformans* var. *neoformans* serotype D

F4NUD8 – *Batrachochytrium dendrobatidis*

F4NRD9 – *Batrachochytrium dendrobatidis*

F4P5U0 – *Batrachochytrium dendrobatidis*

G4LZG2 – *Schistosoma mansoni*

E0VX43 – *Pediculus humanus* subsp. *corporis*

F4W3V9 – *Acromyrmex echinator*

E9G338 – *Daphnia pulex*

B3RKX9 – *Trichoplax adhaerens*

D8TWQ0 – *Volvox carteri*

A8IVC7 – *Chlamydomonas reinhardtii*

C1EAQ6 – *Micromonas* sp.

H3G5Z4 – *Phytophthora ramorum*

G4YWP0 – *Phytophthora sojae*

D0N2Y0 – *Phytophthora infestans*

H2PV20 – *Pongo abelii*

G1REY2 – *Nomascus leucogenys*

F7C500 – *Macaca mulatta*

ENSG00000008086

O76039 – *Homo sapiens*

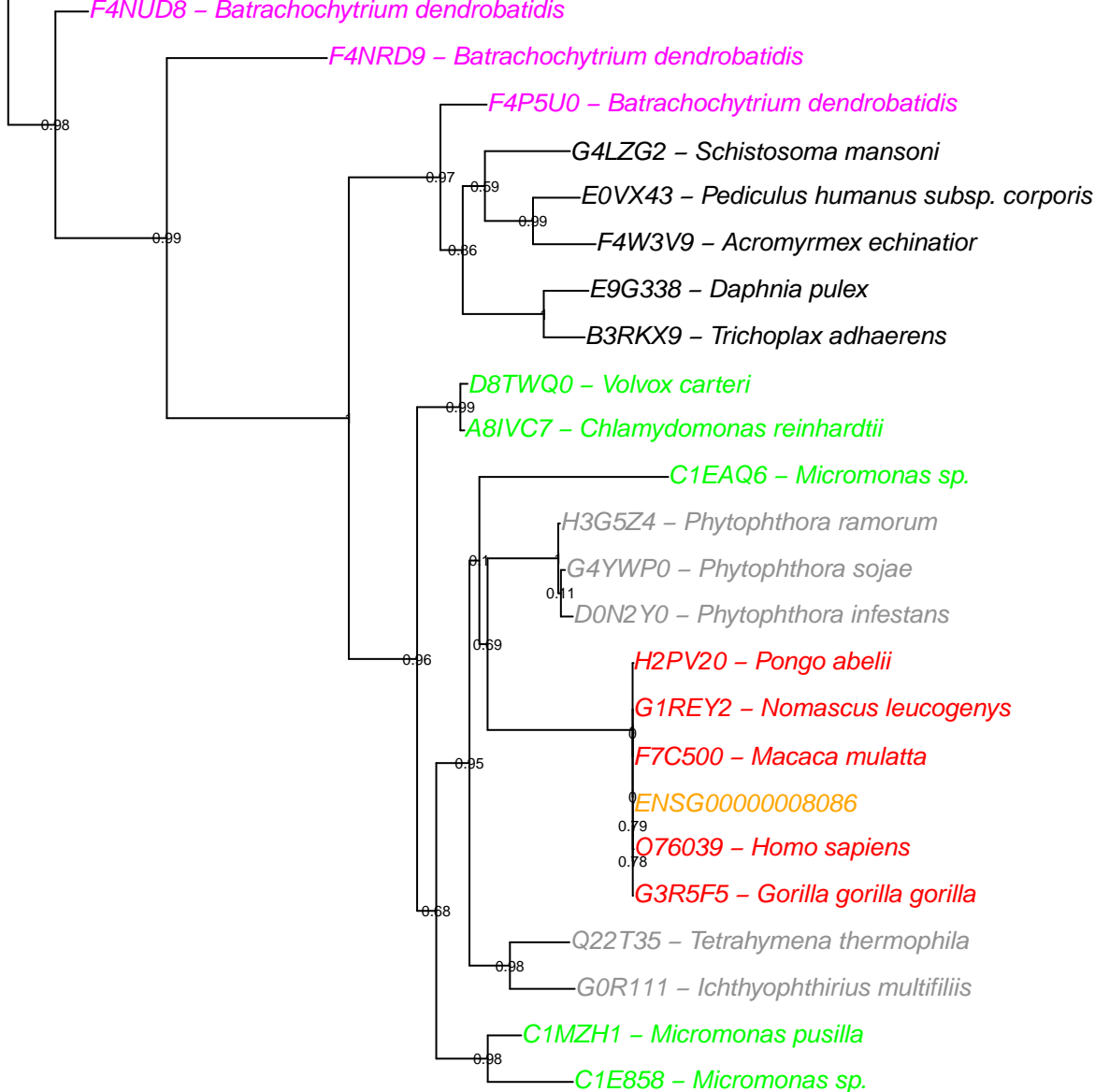
G3R5F5 – *Gorilla gorilla gorilla*

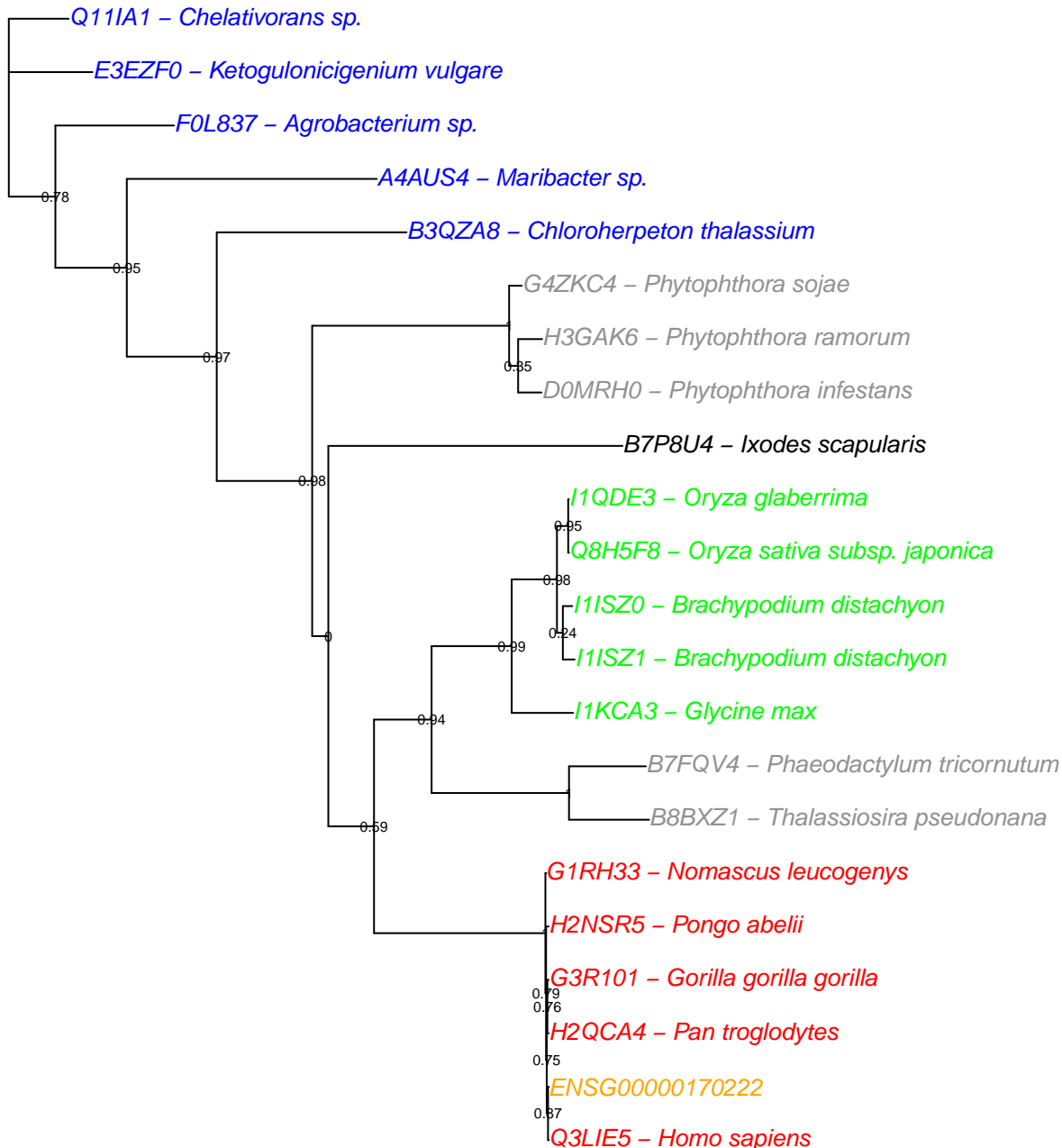
Q22T35 – *Tetrahymena thermophila*

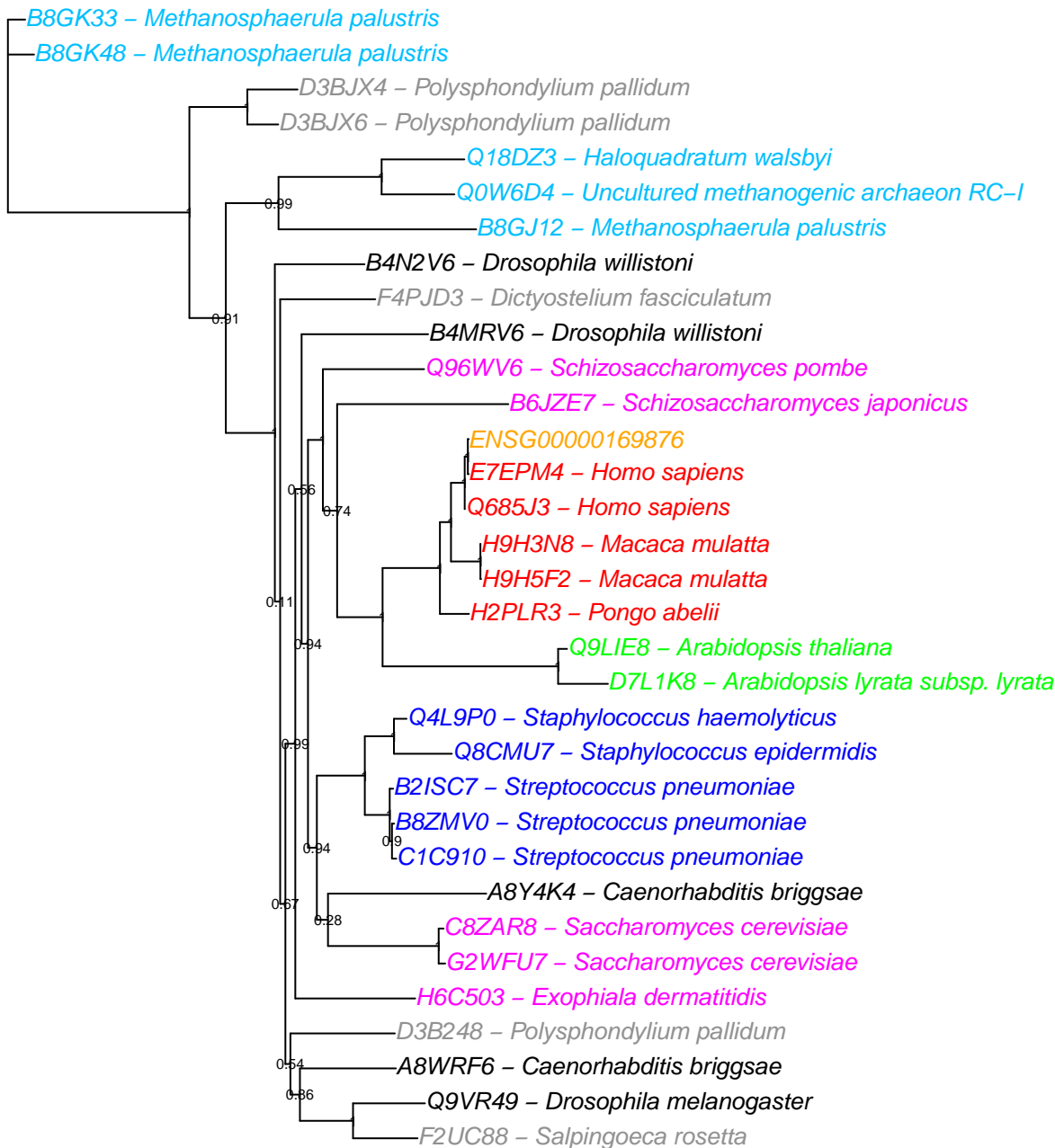
G0R111 – *Ichthyophthirius multifiliis*

C1MZH1 – *Micromonas pusilla*

C1E858 – *Micromonas* sp.

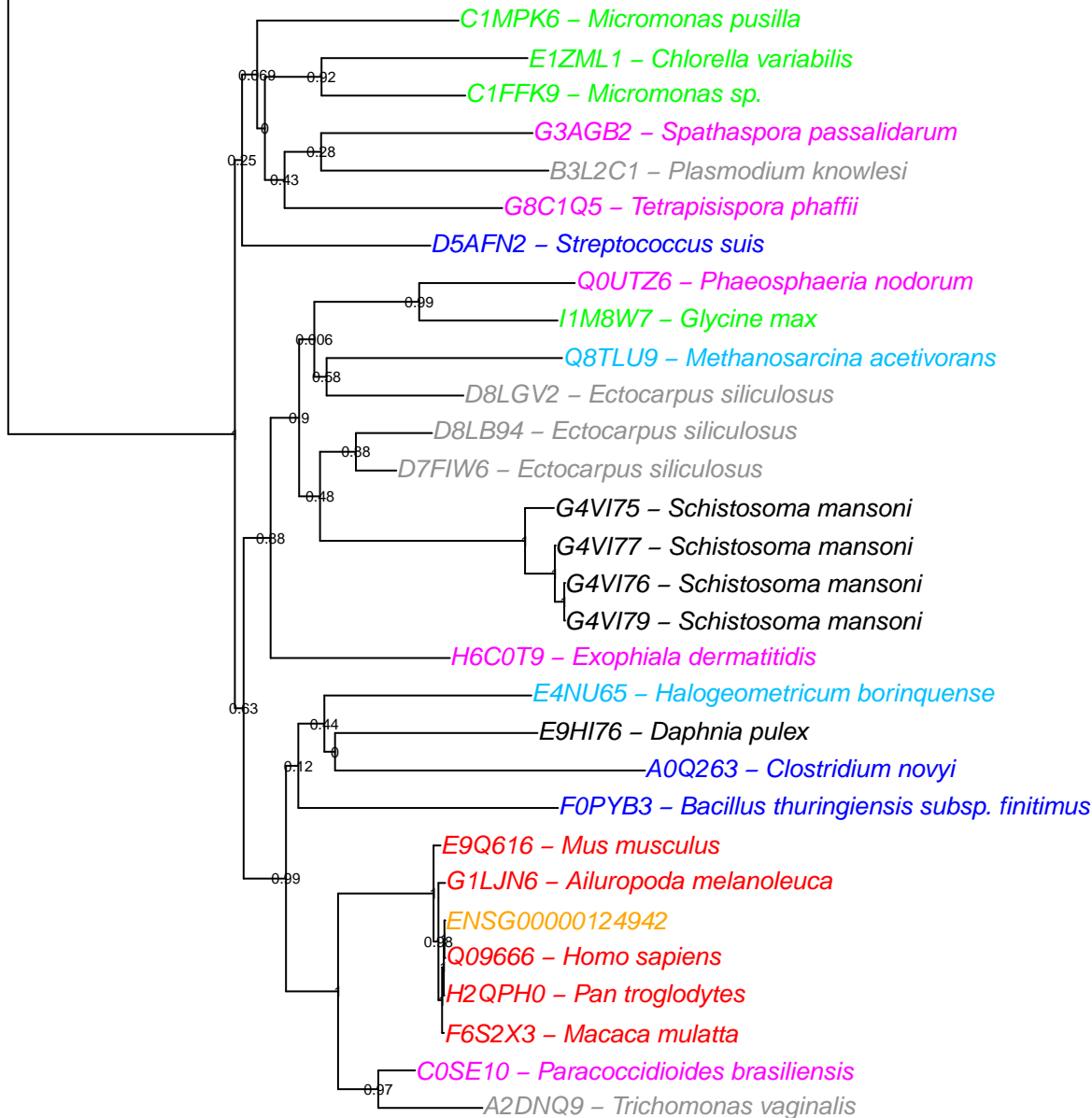


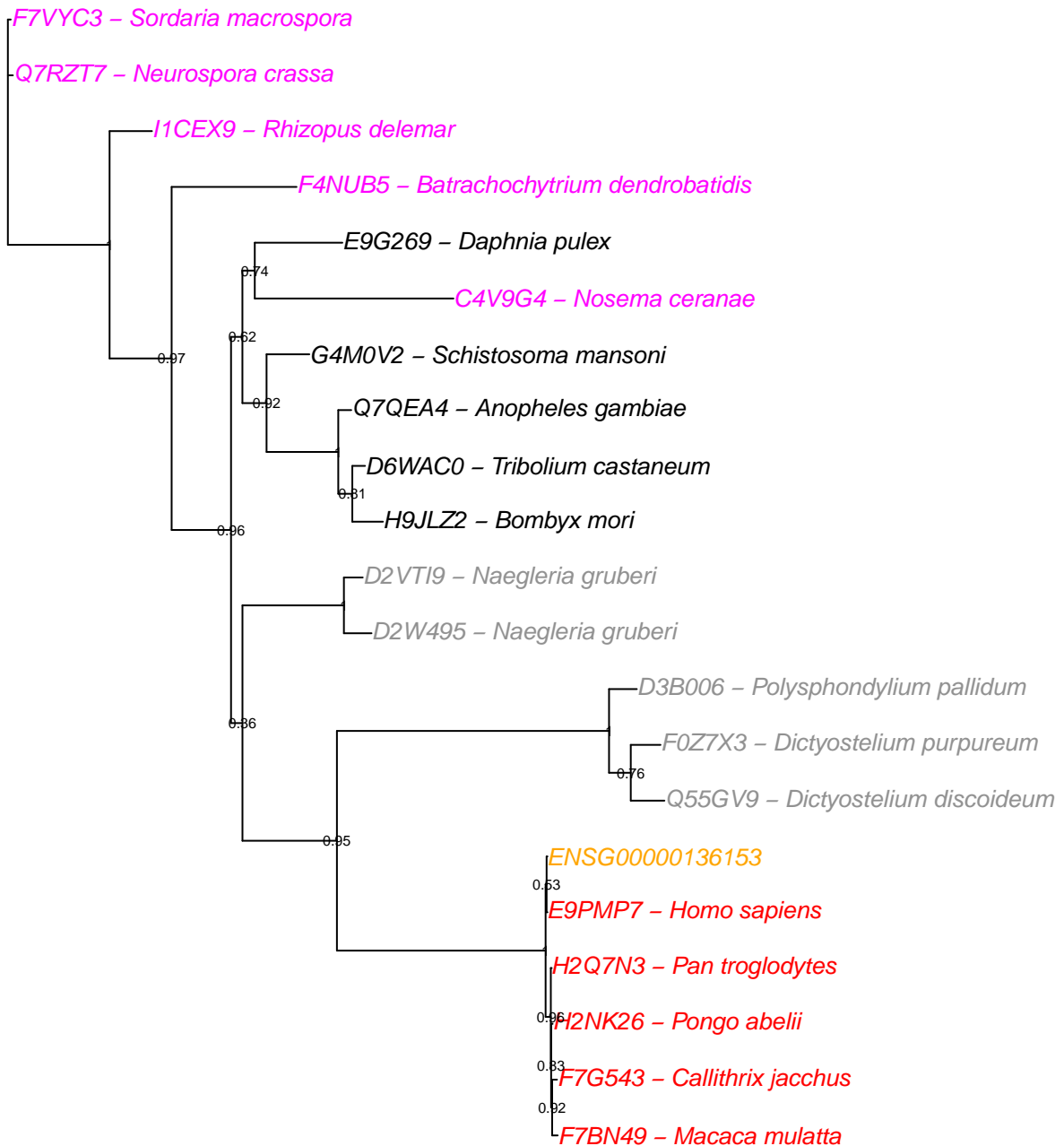


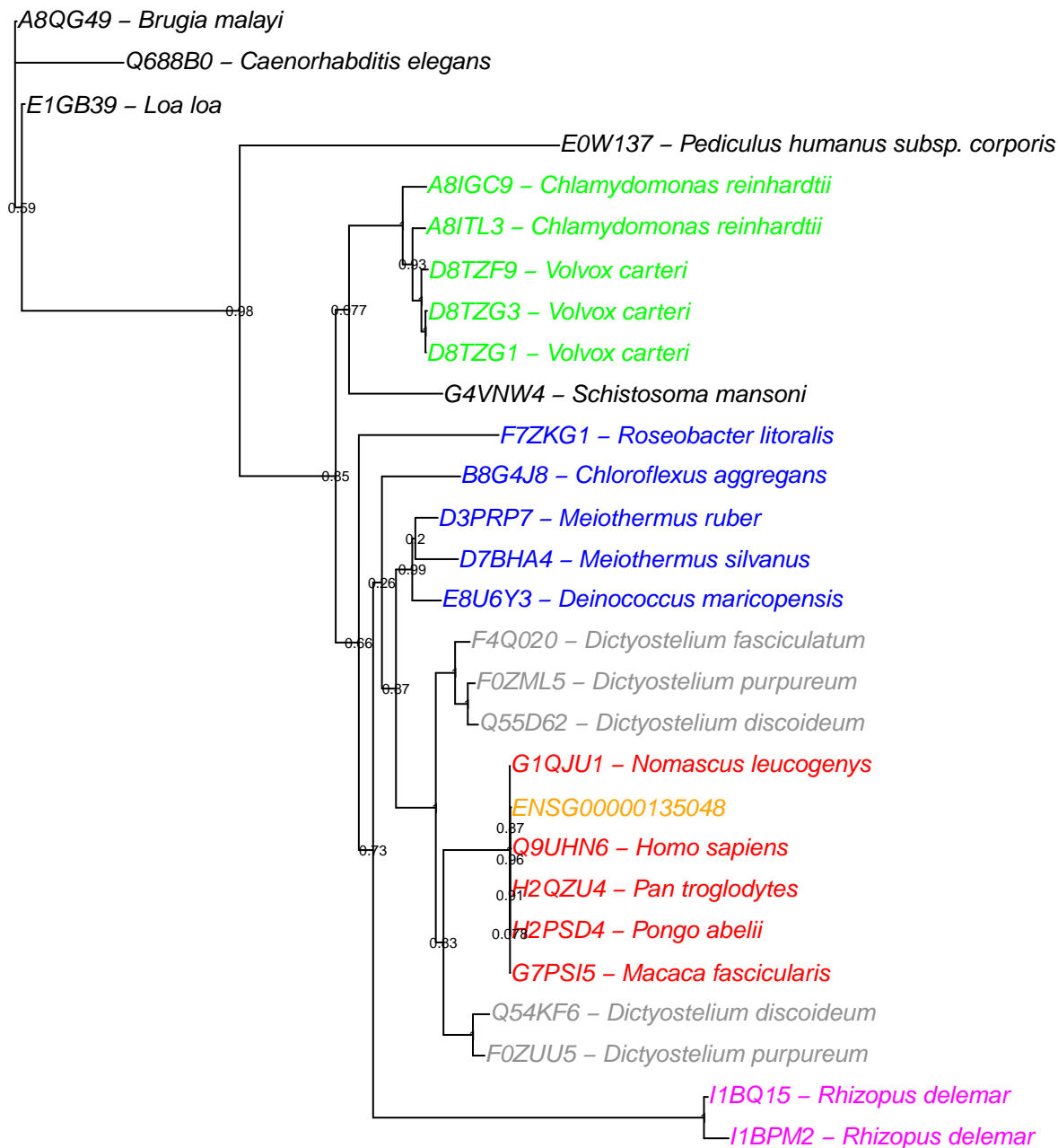


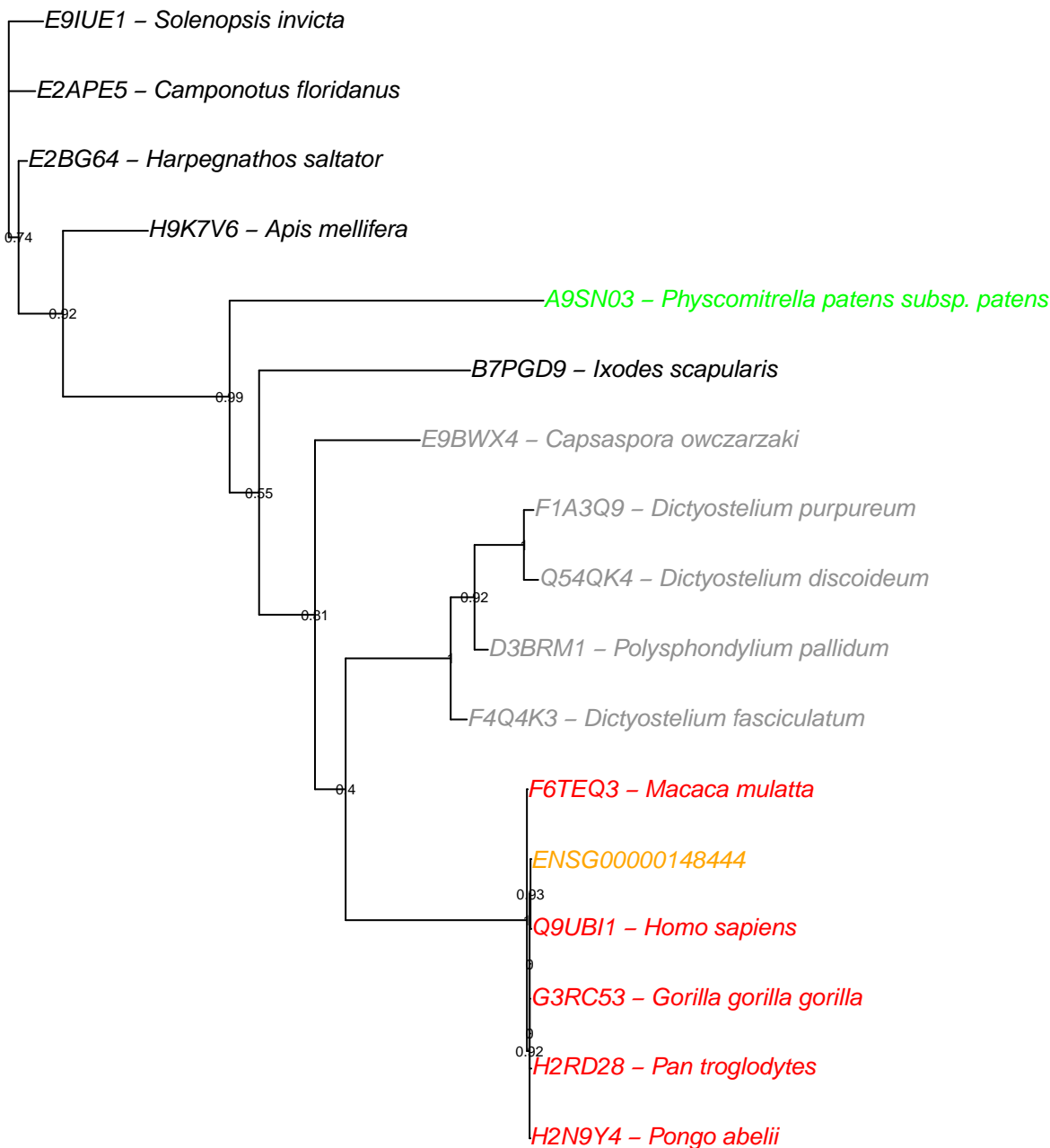
A5VKZ1 – *Lactobacillus reuteri*

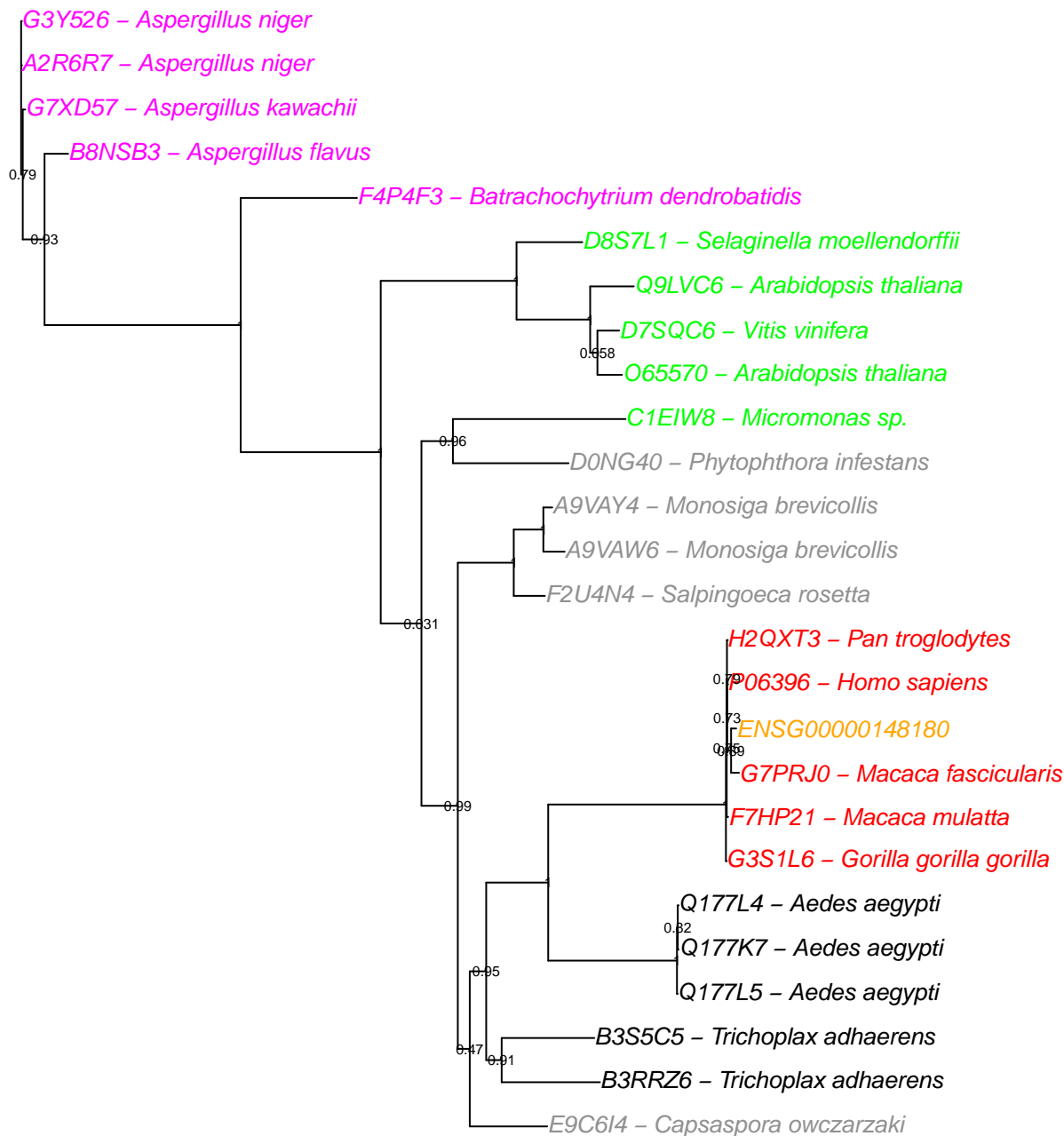
B2G8C6 – *Lactobacillus reuteri*

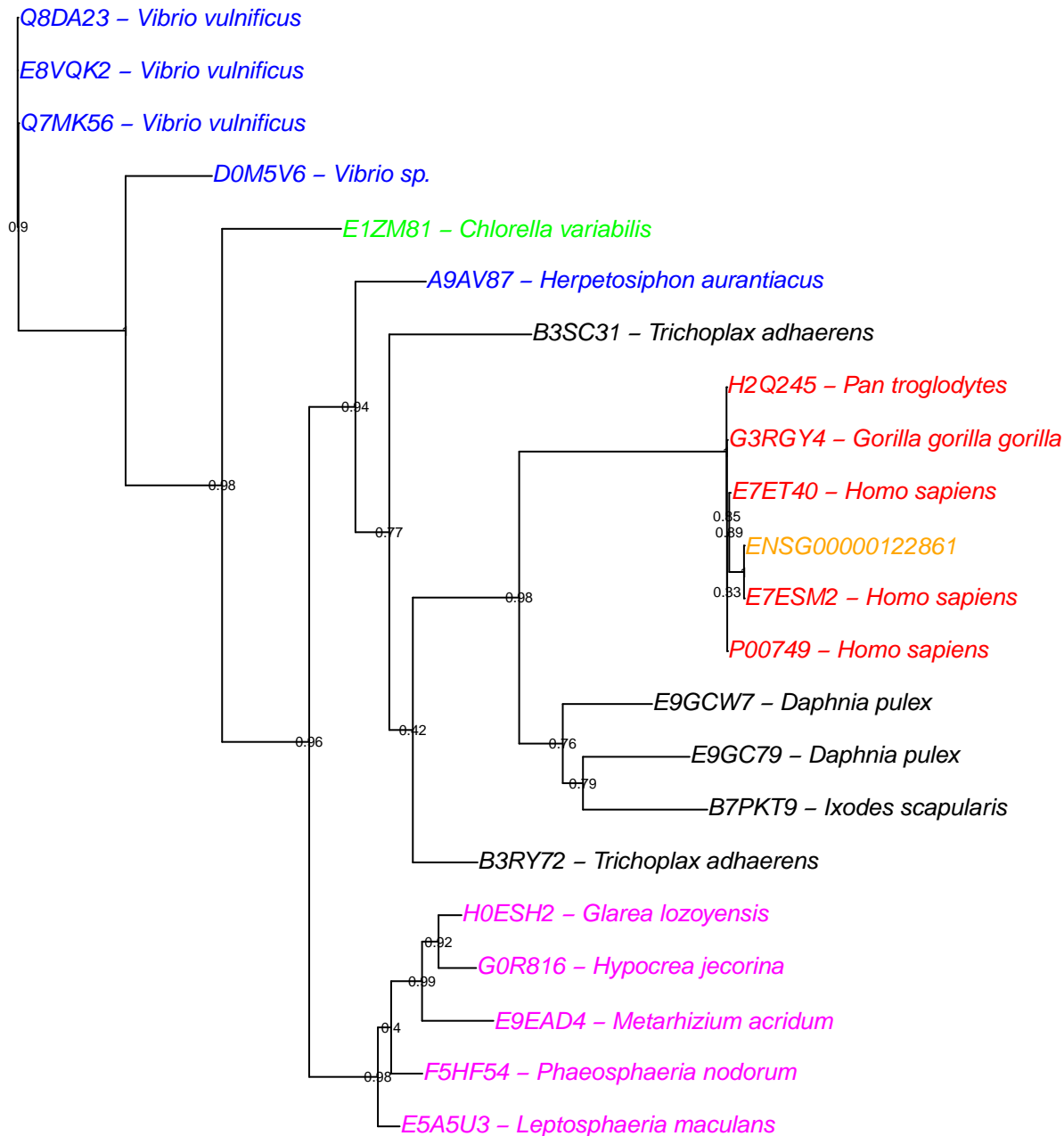


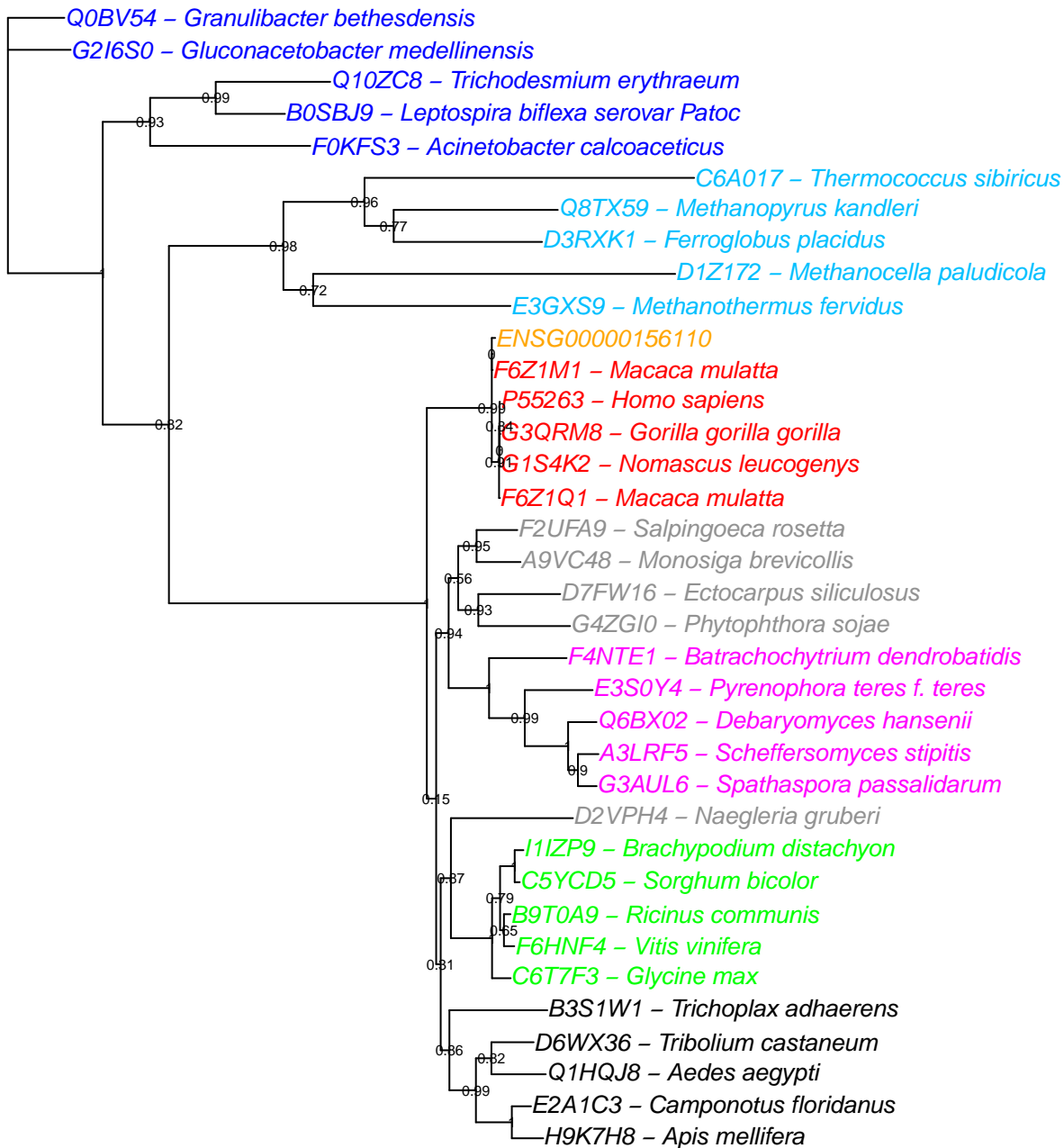


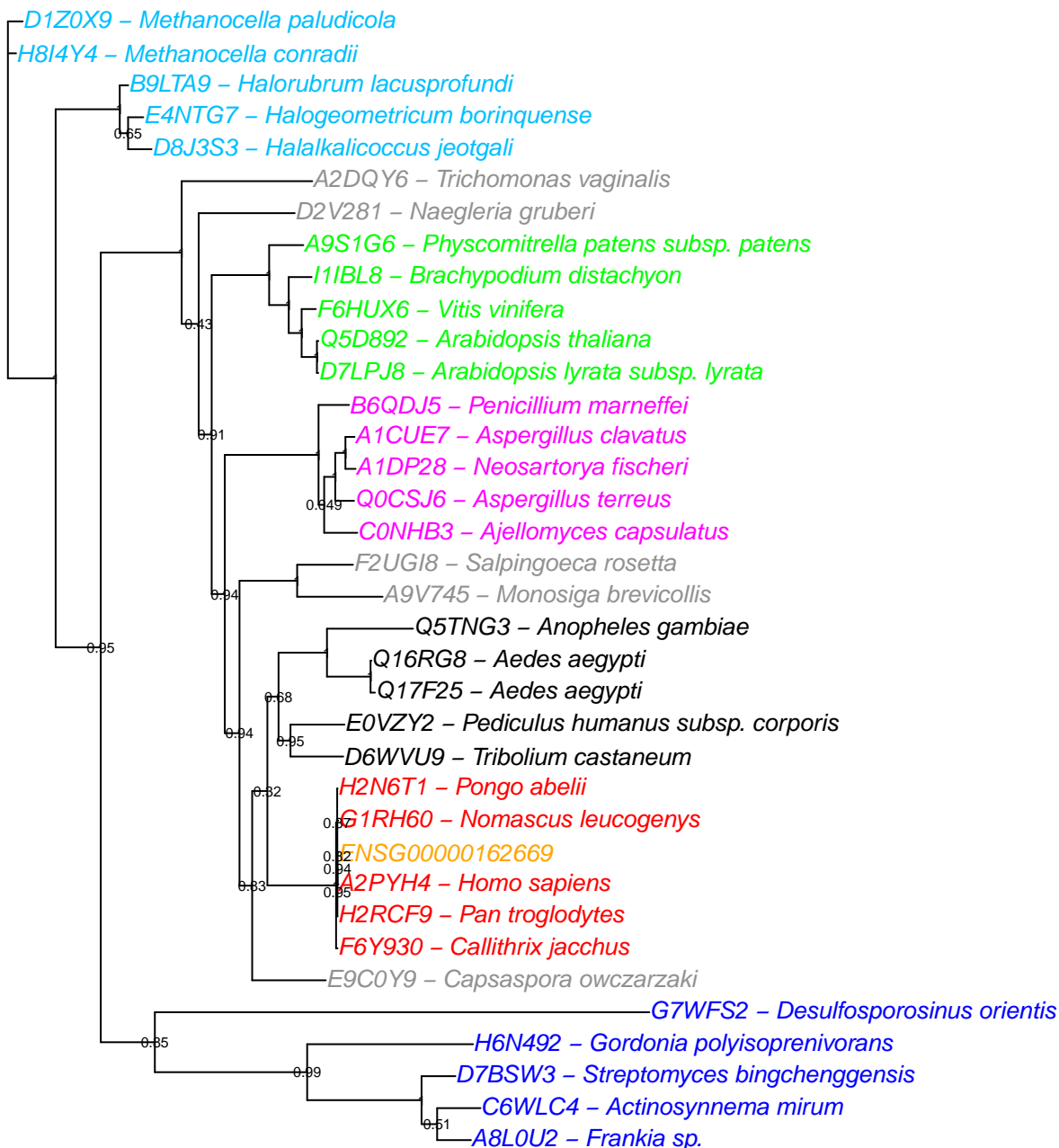


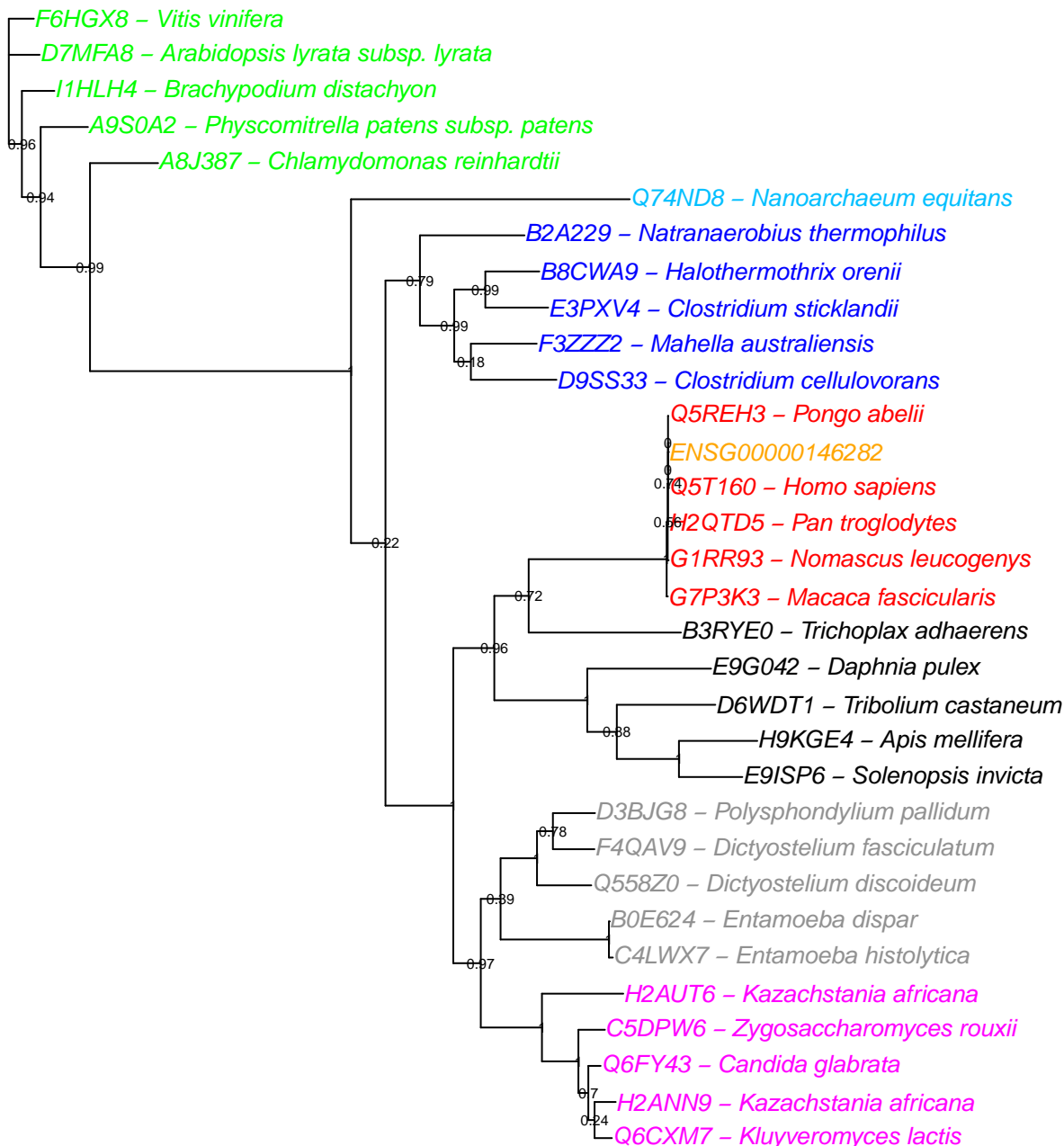


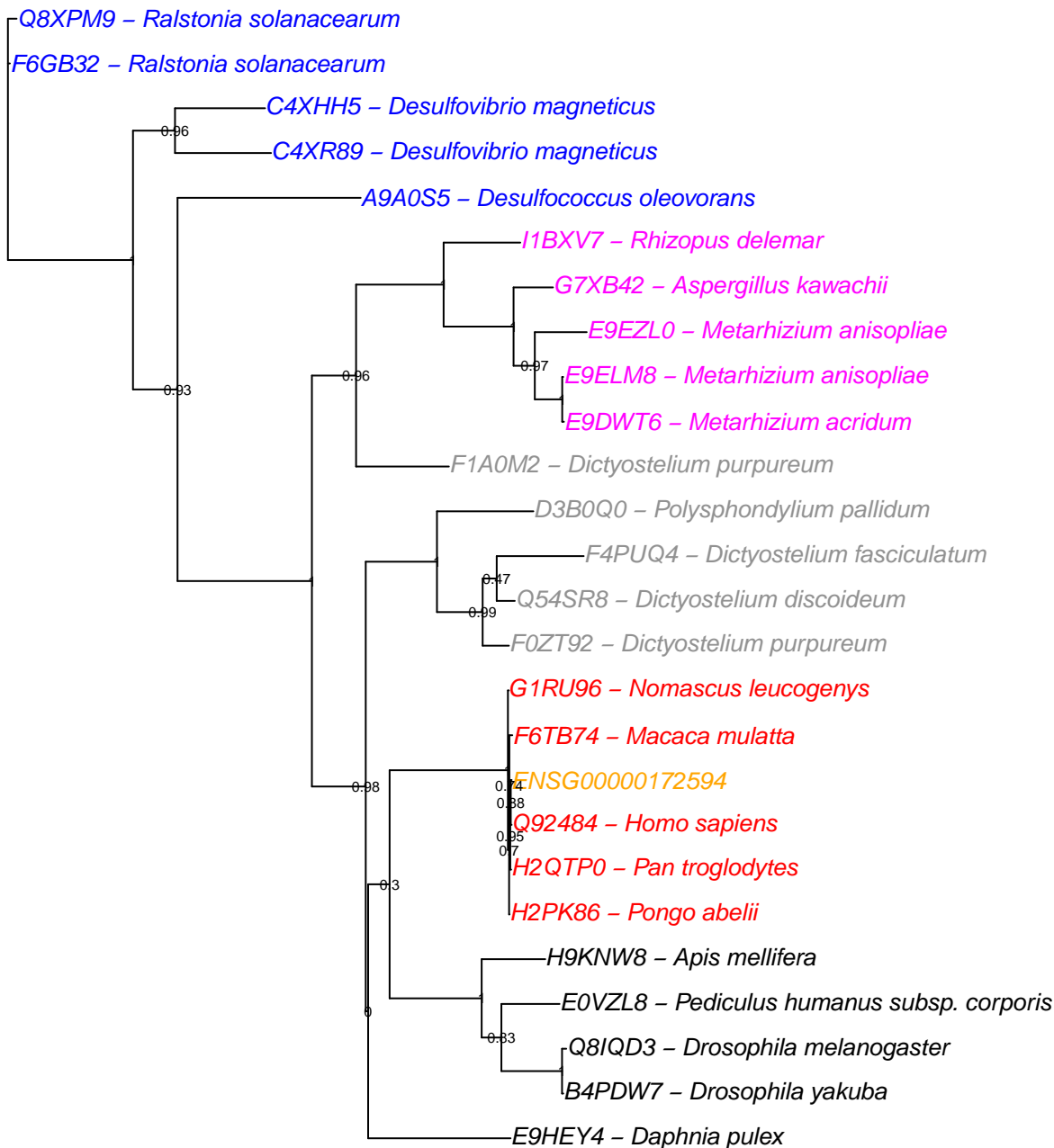


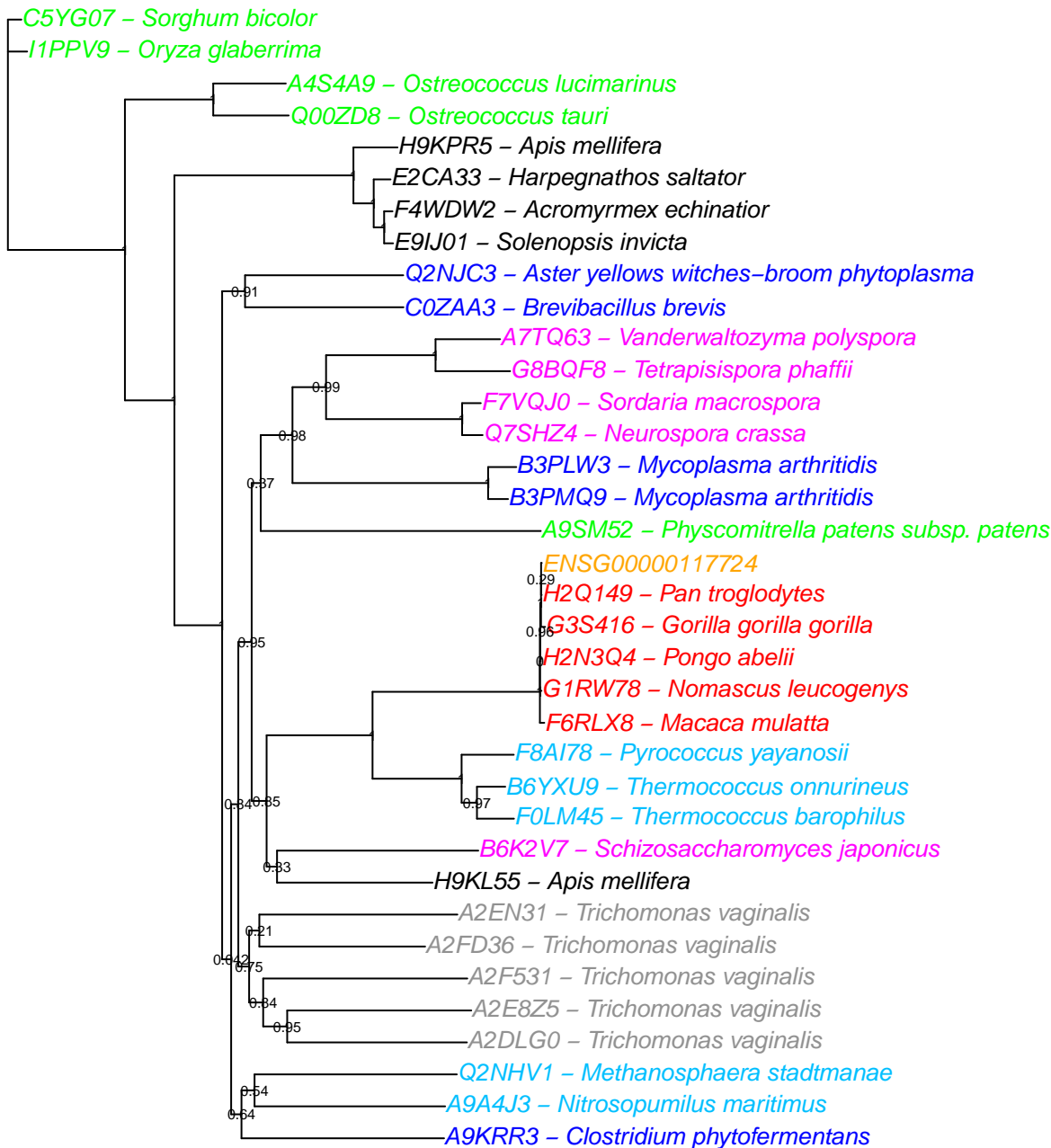


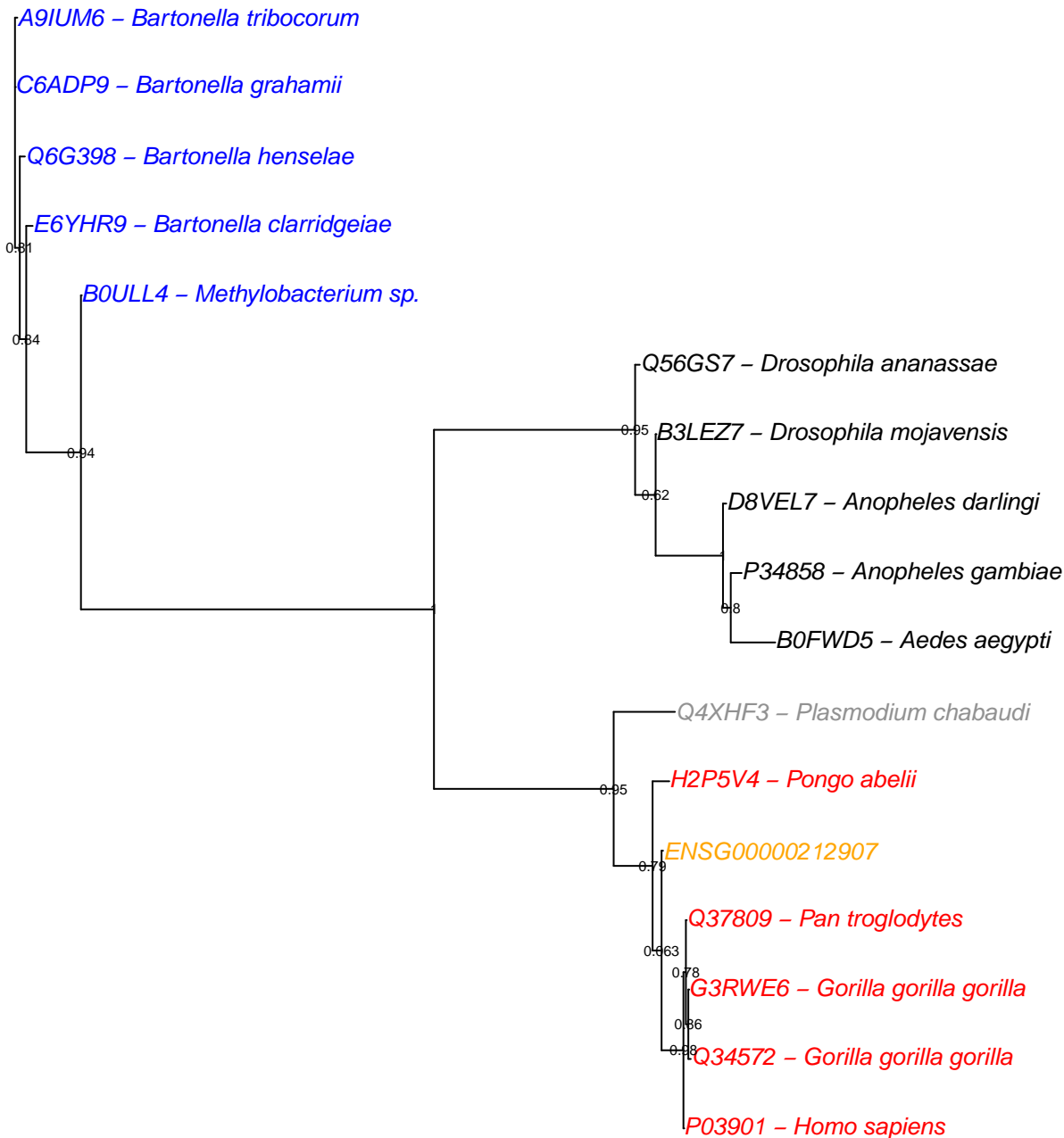


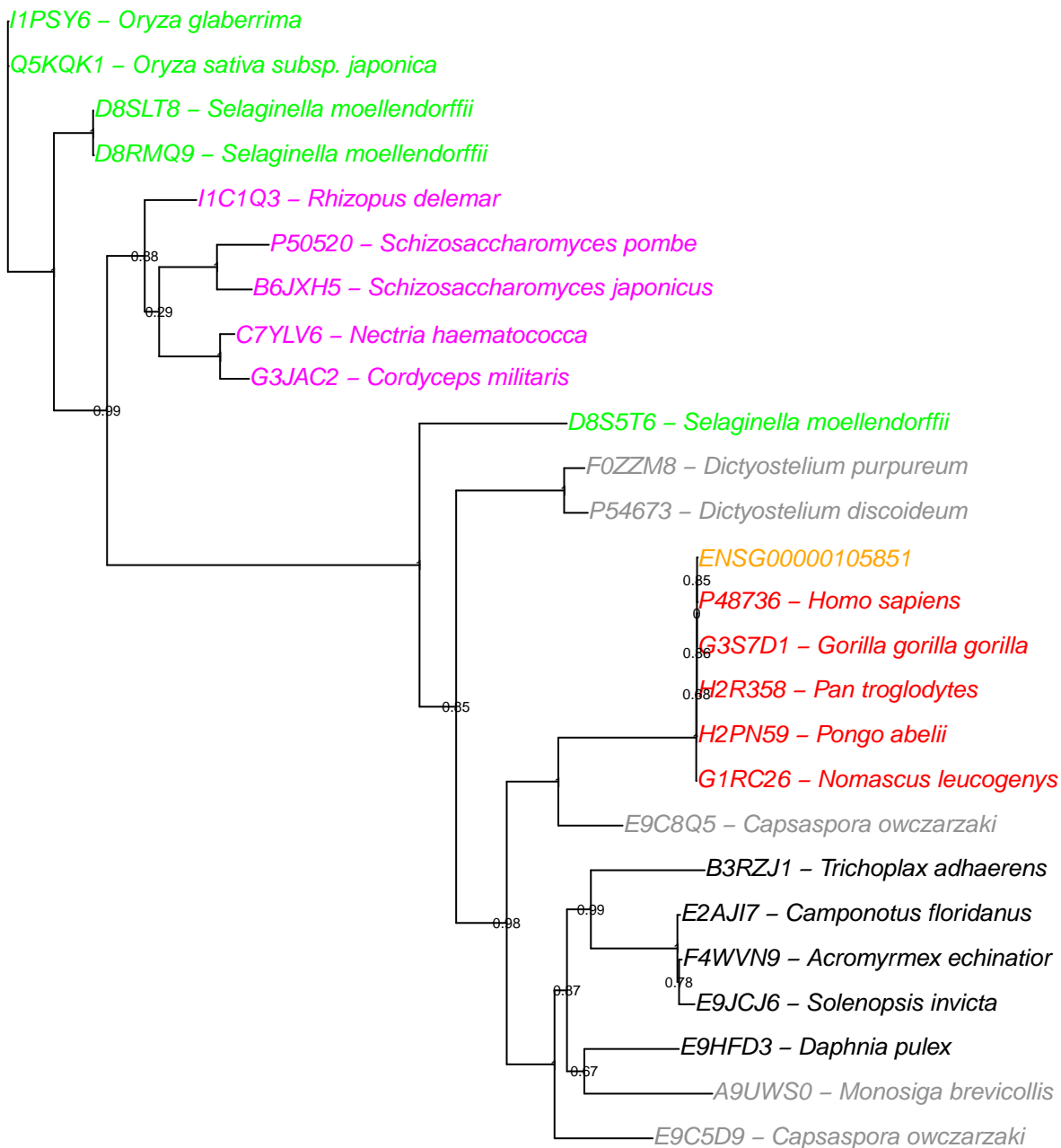


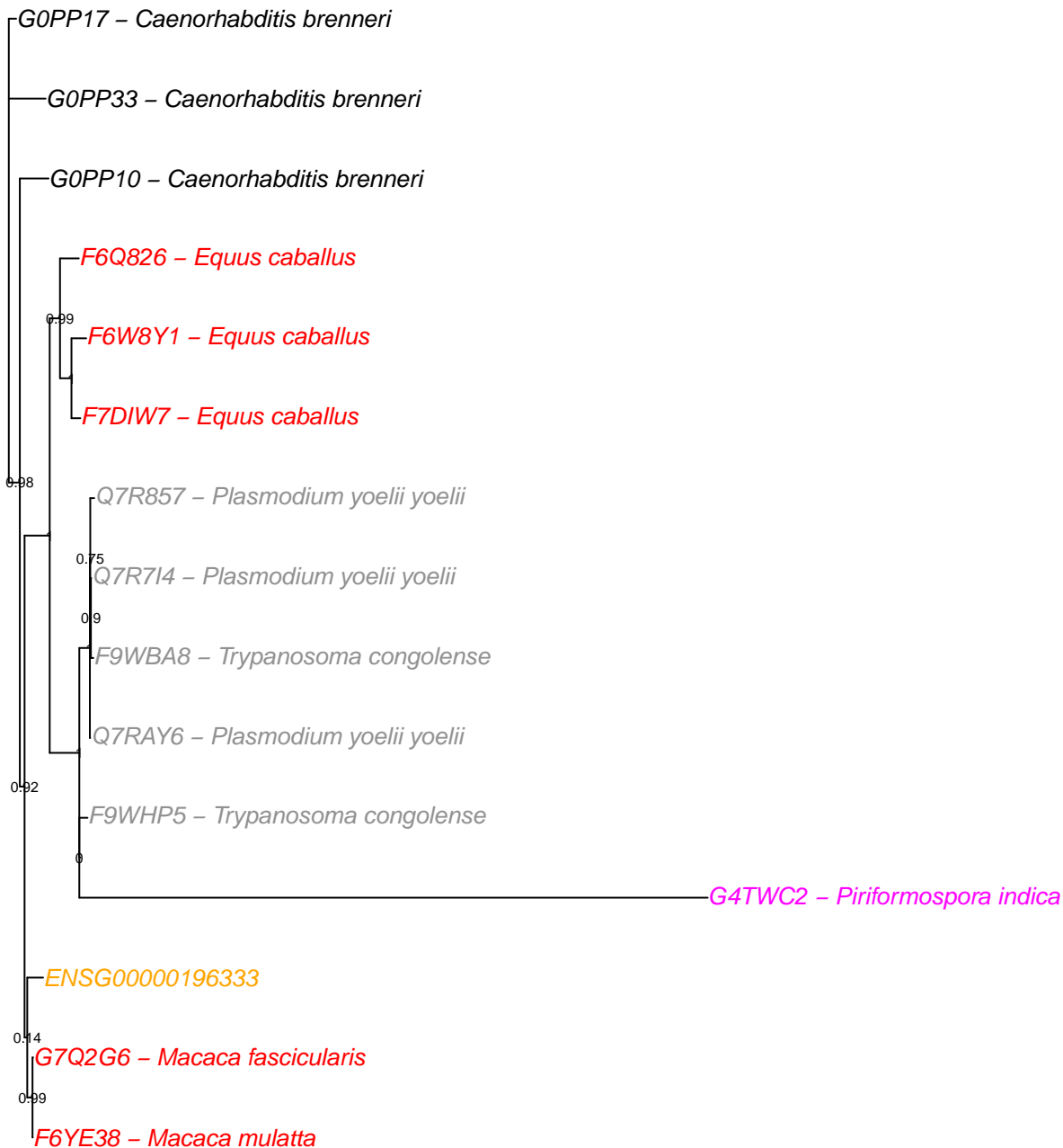


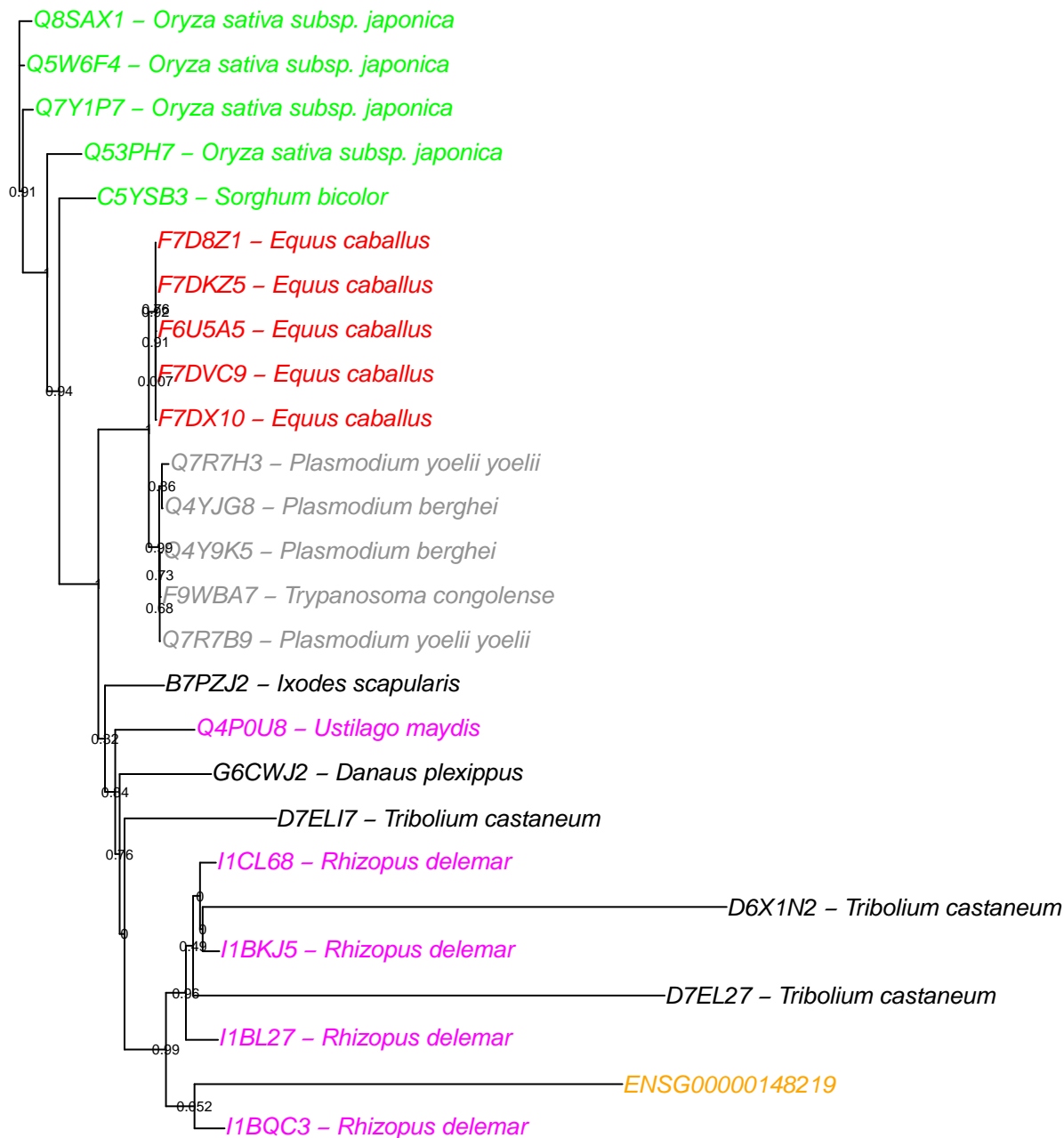






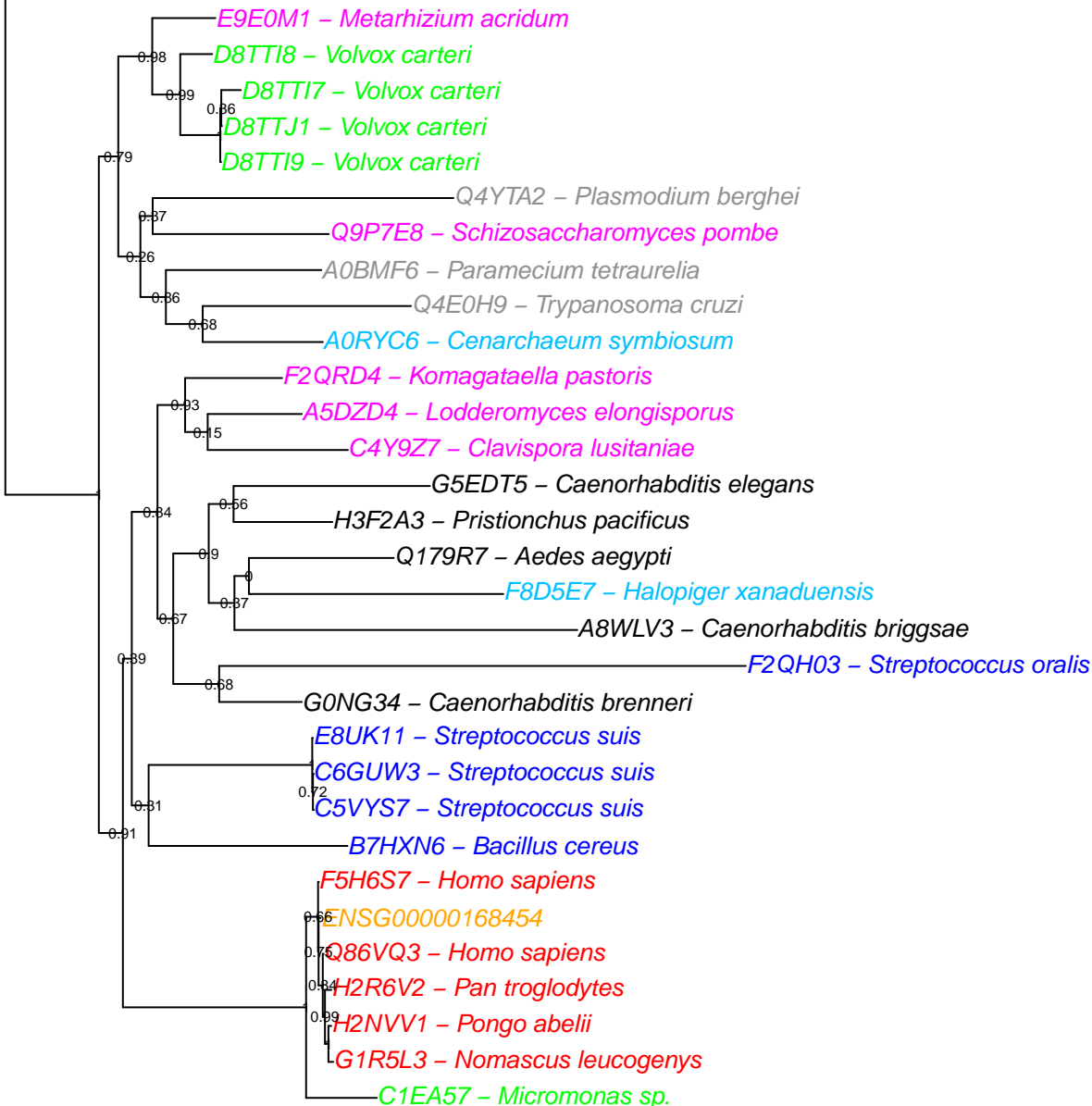






F9WCV1 – *Trypanosoma congolense*

F9W909 – *Trypanosoma congolense*



F7GPM3 – *Macaca mulatta*

G0PP10 – *Caenorhabditis brenneri*

G7Q3D4 – *Macaca fascicularis*

0.47
F6WTP7 – *Macaca mulatta*

0.89
F7CVW4 – *Macaca mulatta*

F6YE38 – *Macaca mulatta*

0.26
G0PP17 – *Caenorhabditis brenneri*

0.38
G0PP33 – *Caenorhabditis brenneri*

ENSG00000101448

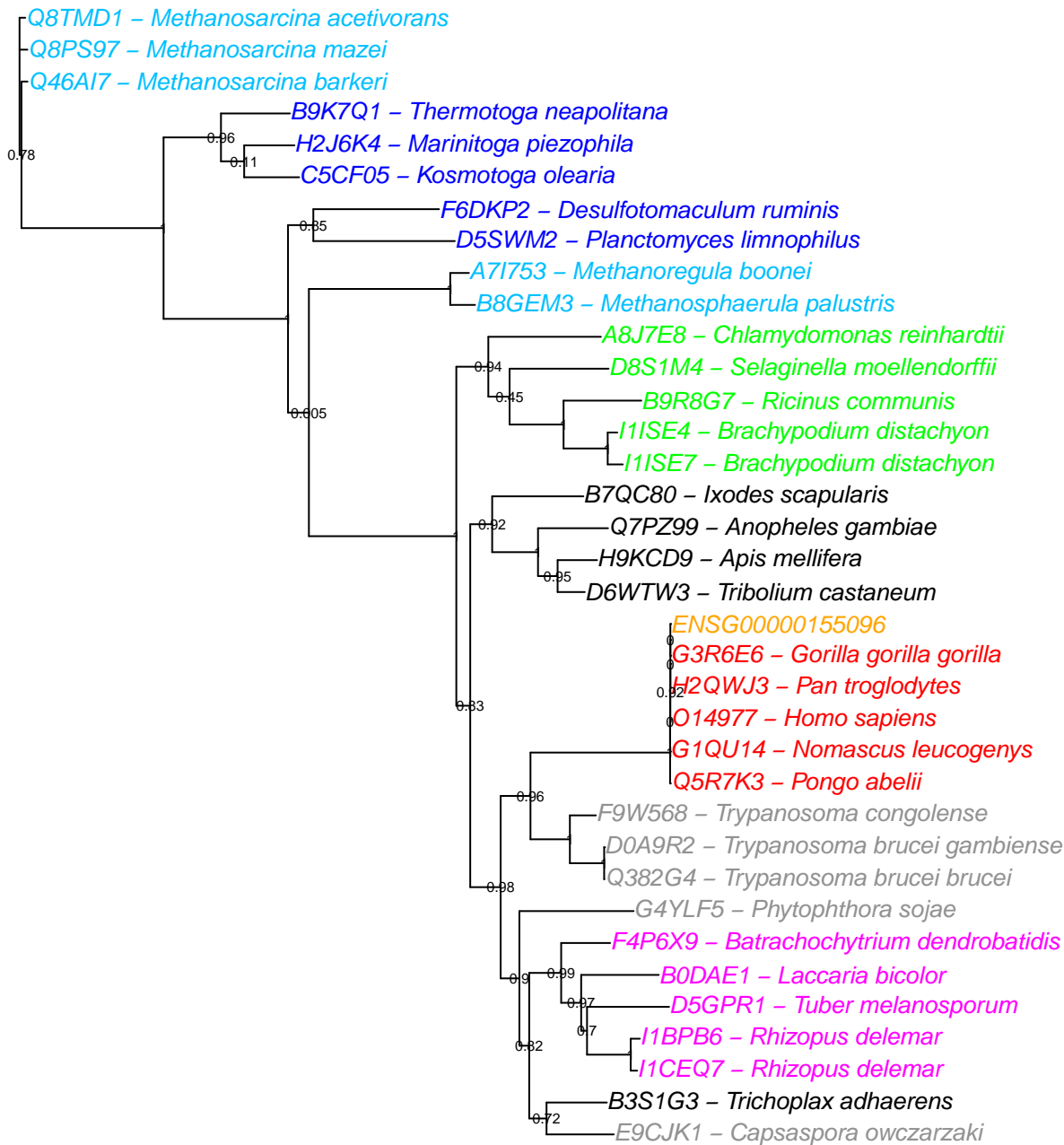
0.6
F9WHP5 – *Trypanosoma congolense*

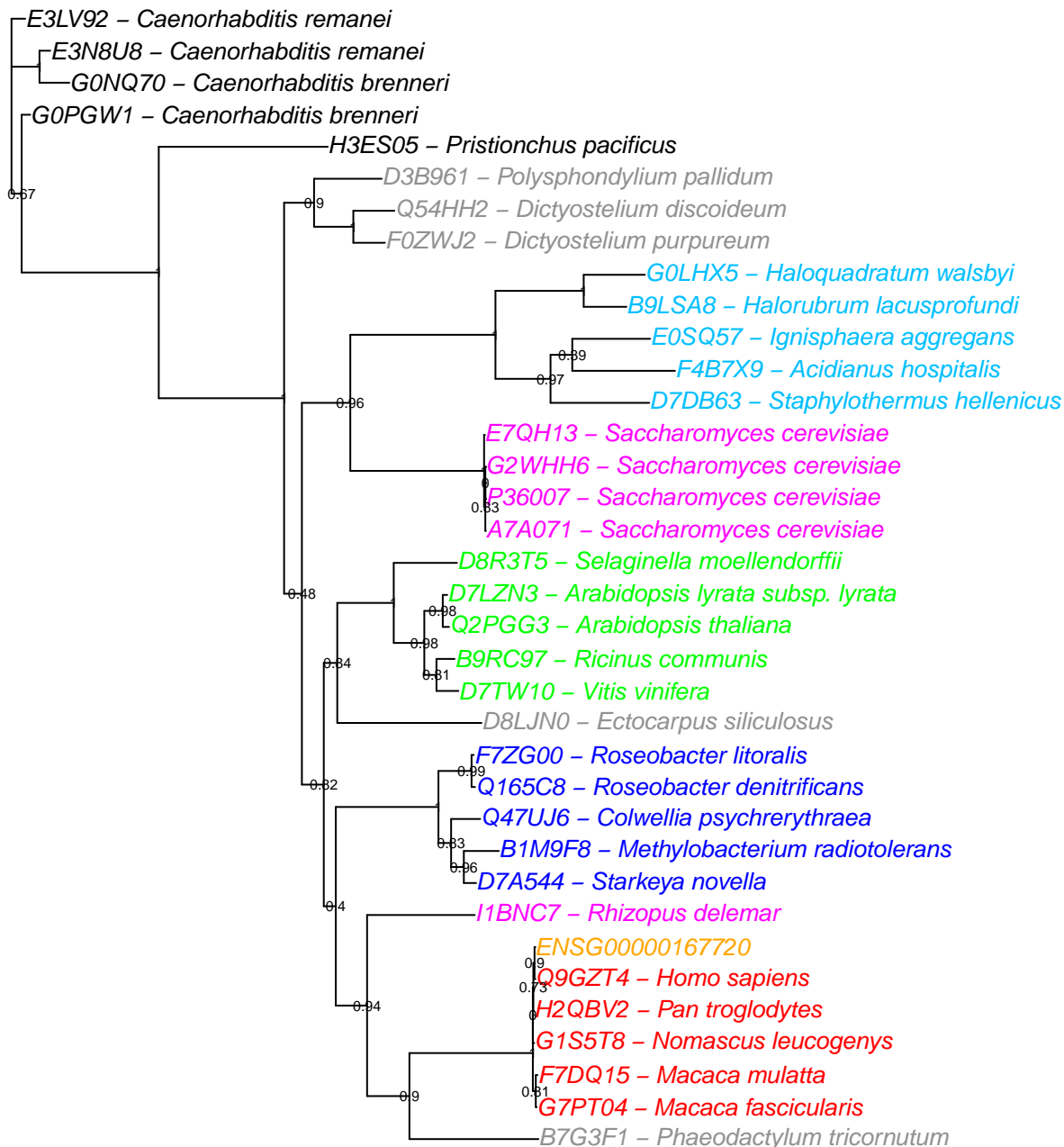
0.63
Q7RAY6 – *Plasmodium yoelii yoelii*

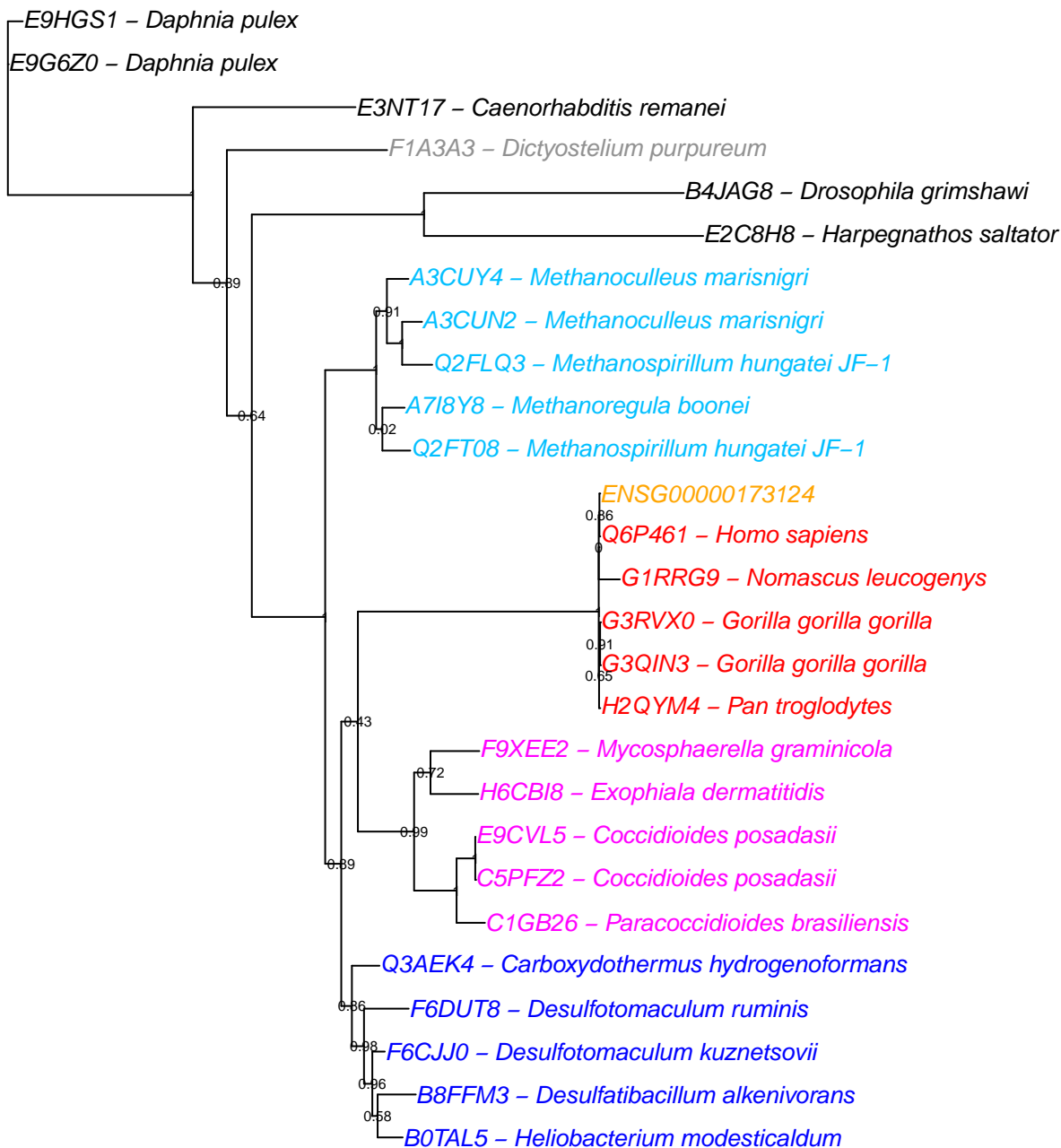
Q7R7I4 – *Plasmodium yoelii yoelii*

0.39
F9WBA8 – *Trypanosoma congolense*

0.77
Q7R857 – *Plasmodium yoelii yoelii*

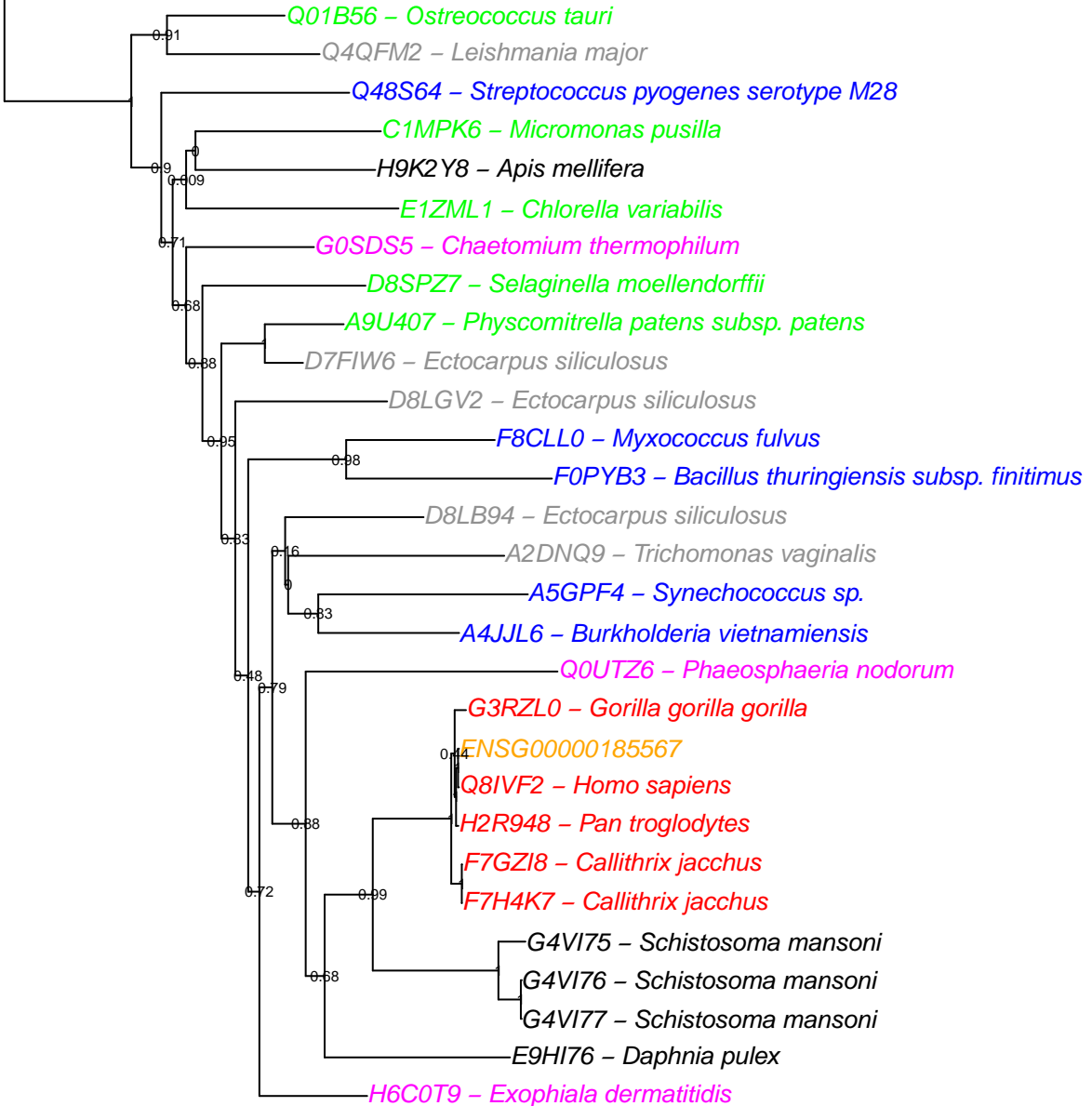


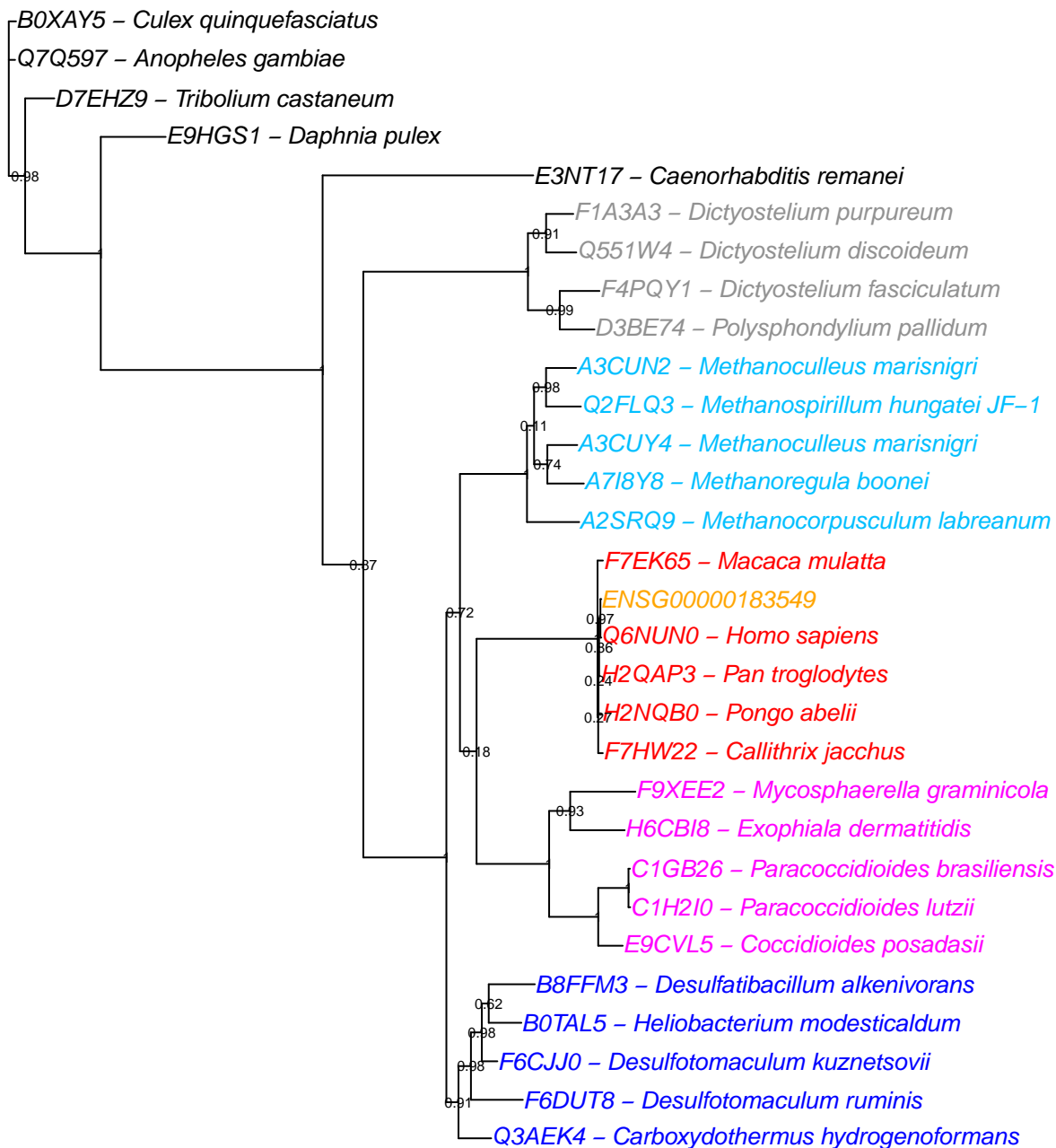




B2W3G7 – *Pyrenophora tritici-repentis*

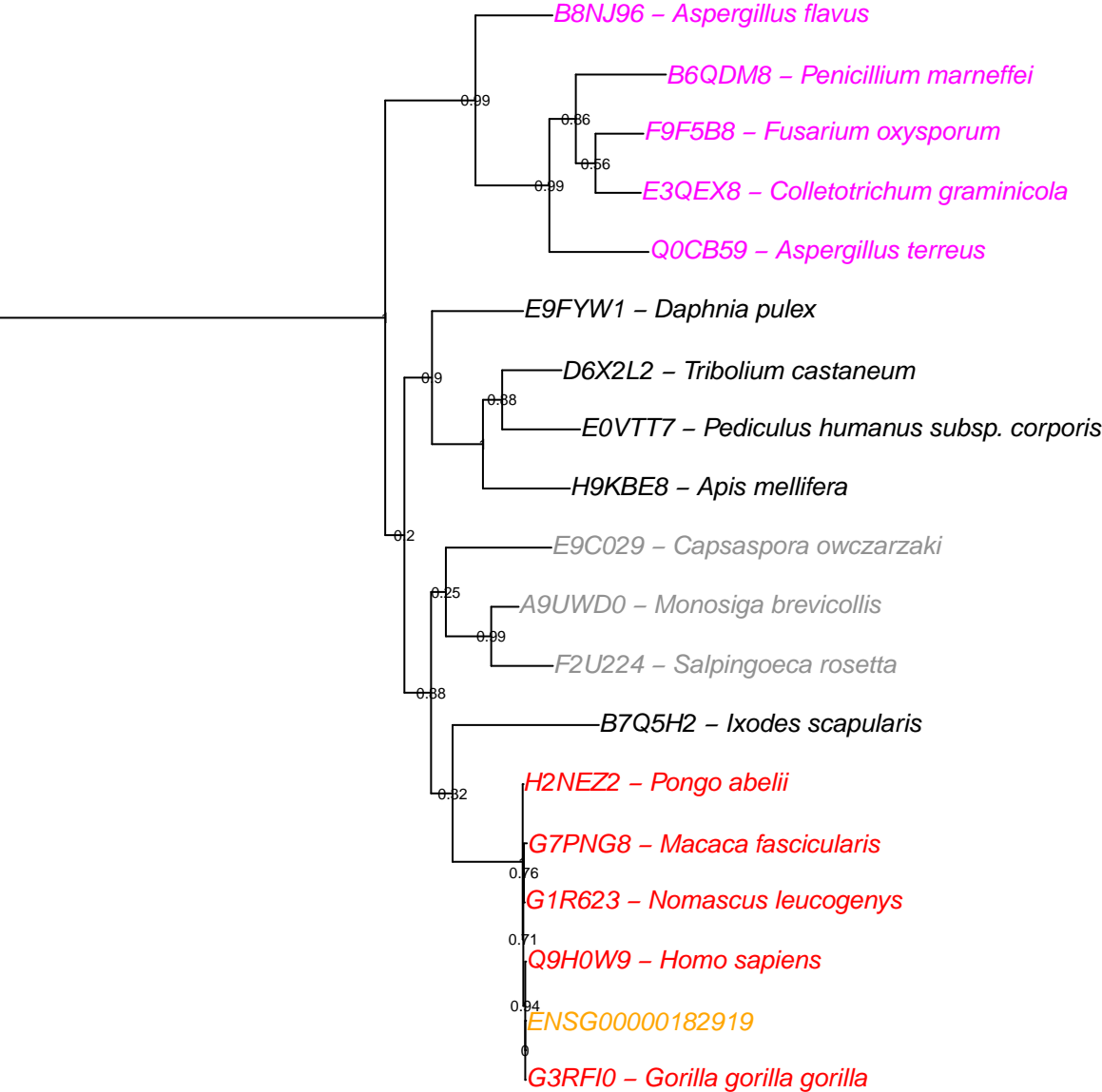
E3S7U2 – *Pyrenophora teres f. teres*

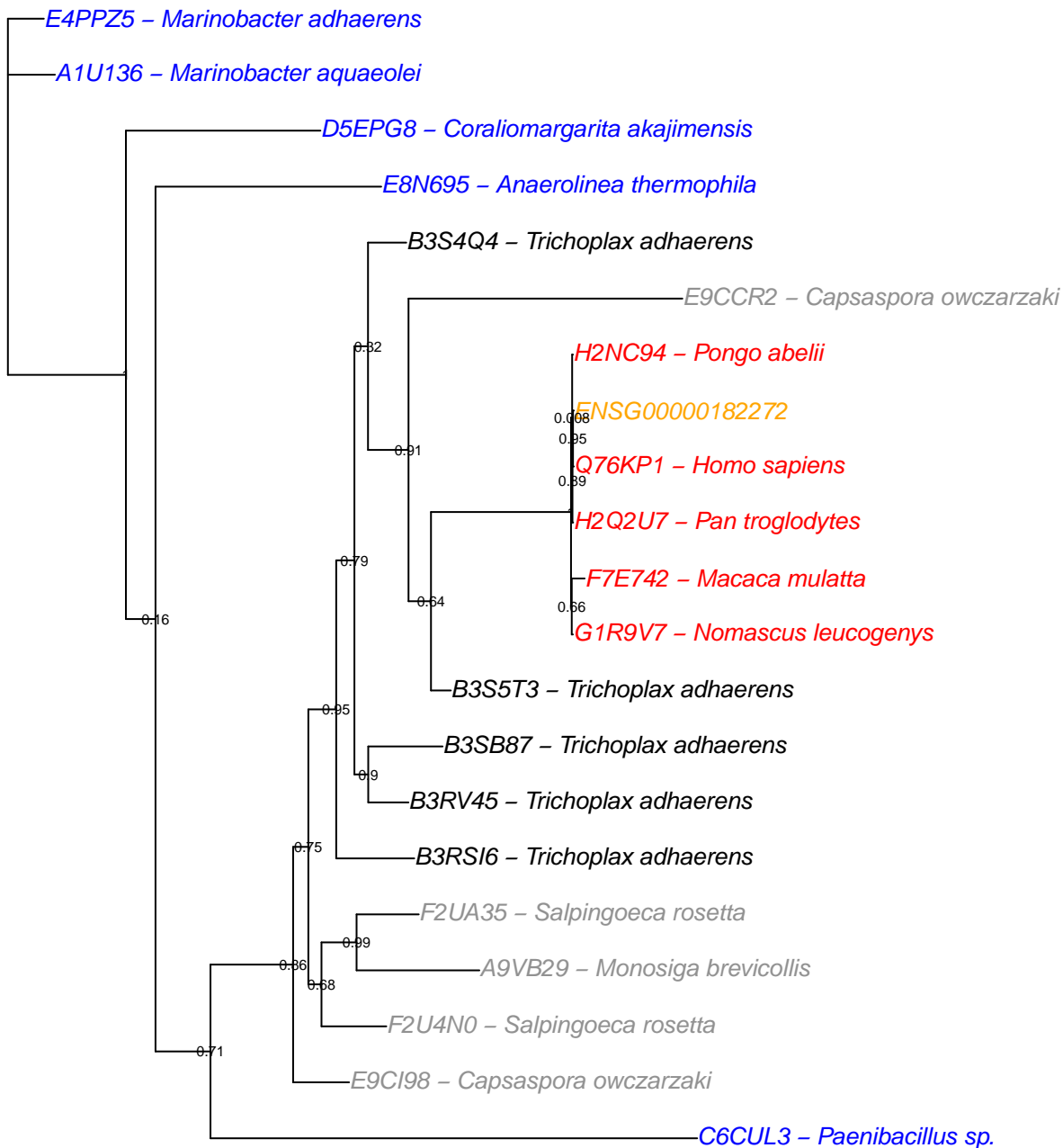




C5M1Q2 – *Perkinsus marinus*

C5LL96 – *Perkinsus marinus*





E8UK14 – *Streptococcus suis*

A4VZ88 – *Streptococcus suis*

A4VT03 – *Streptococcus suis*

D5AFV0 – *Streptococcus suis*

E3MAM6 – *Caenorhabditis remanei*

E3MML6 – *Caenorhabditis remanei*

G7WN49 – *Methanosaeta harundinacea*

D7FIW6 – *Ectocarpus siliculosus*

Q8I6U6 – *Plasmodium falciparum*

Q57X74 – *Trypanosoma brucei brucei*

D1YXB7 – *Methanocella paludicola*

A0RYC6 – *Cenarchaeum symbiosum*

A0RUC5 – *Cenarchaeum symbiosum*

A0RY40 – *Cenarchaeum symbiosum*

D7EIN6 – *Tribolium castaneum*

D6WXA3 – *Tribolium castaneum*

D8M0B1 – *Blastocystis hominis*

Q0UTZ6 – *Phaeosphaeria nodorum*

G1X3R9 – *Arthrobotrys oligospora*

F9XBP1 – *Mycosphaerella graminicola*

Q0U4I6 – *Phaeosphaeria nodorum*

I1GSP3 – *Brachypodium distachyon*

I1GSP1 – *Brachypodium distachyon*

I1M8W7 – *Glycine max*

Q9LXB8 – *Arabidopsis thaliana*

D7M248 – *Arabidopsis lyrata subsp. lyrata*

A2F6R8 – *Trichomonas vaginalis*

B3D586 – *Burkholderia multivorans*

F4NVU0 – *Batrachochytrium dendrobatidis*

G7PXL7 – *Macaca fascicularis*

B0WVV6 – *Culex quinquefasciatus*

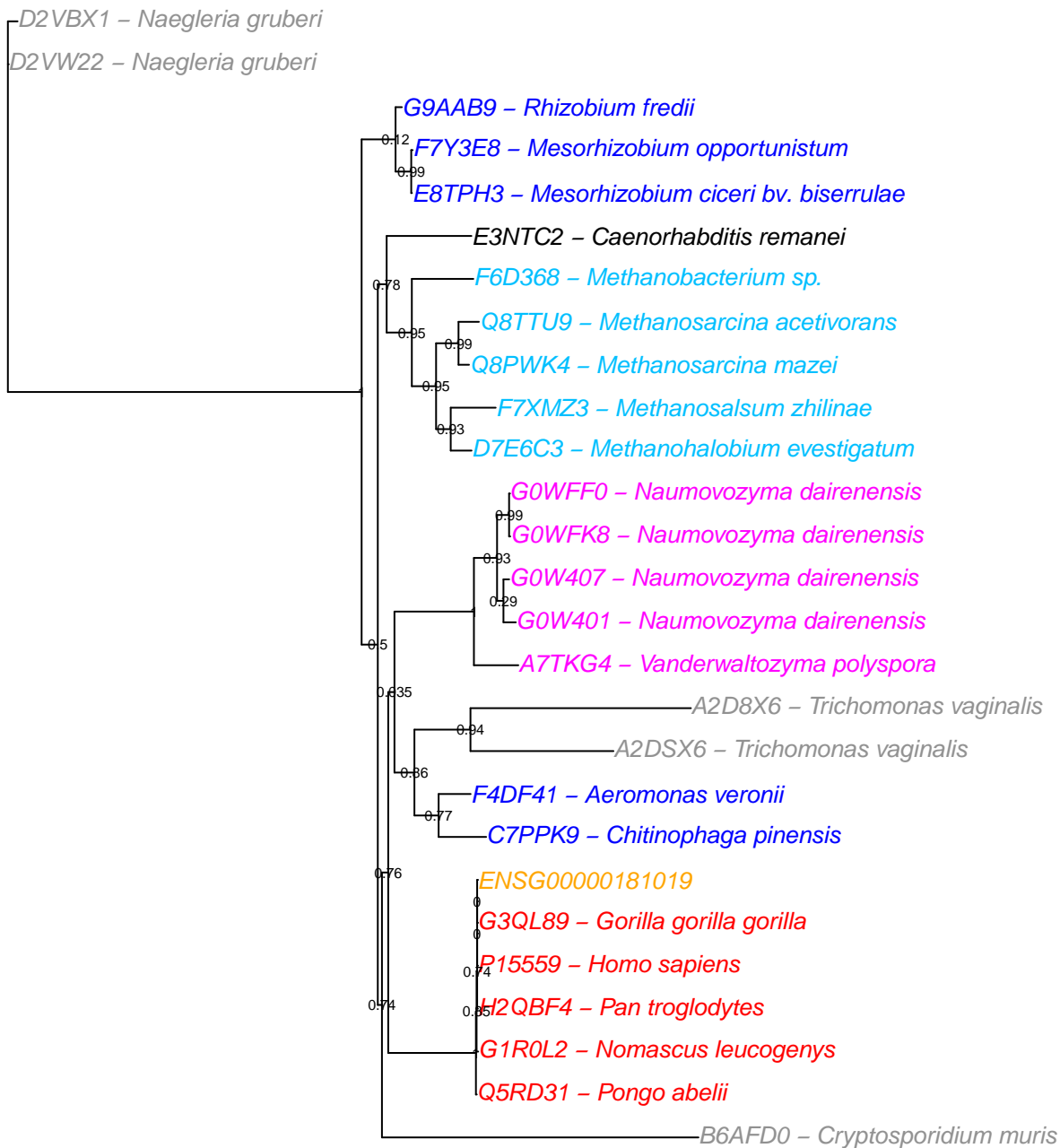
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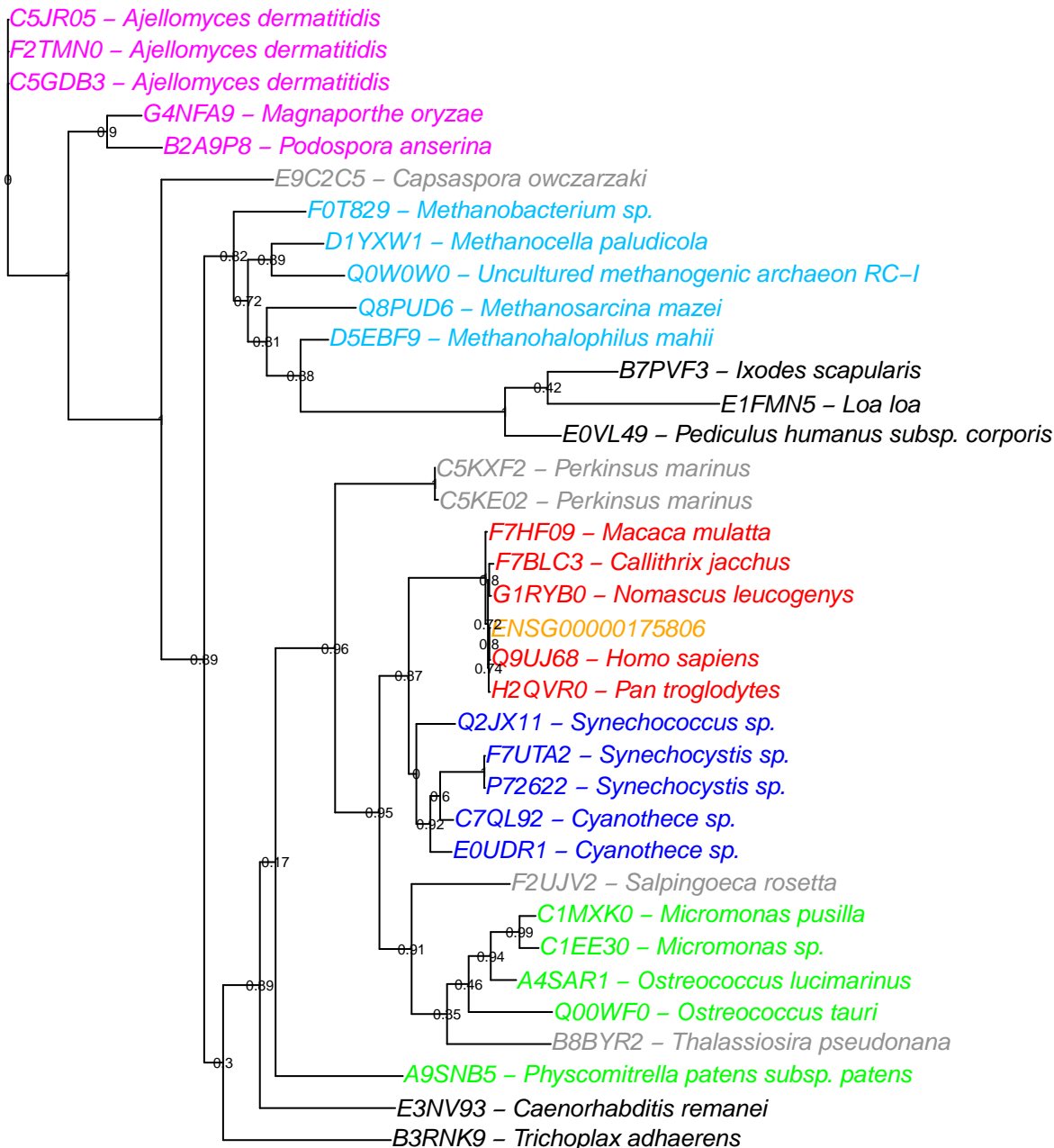
Q9BXM0 – *Homo sapiens*

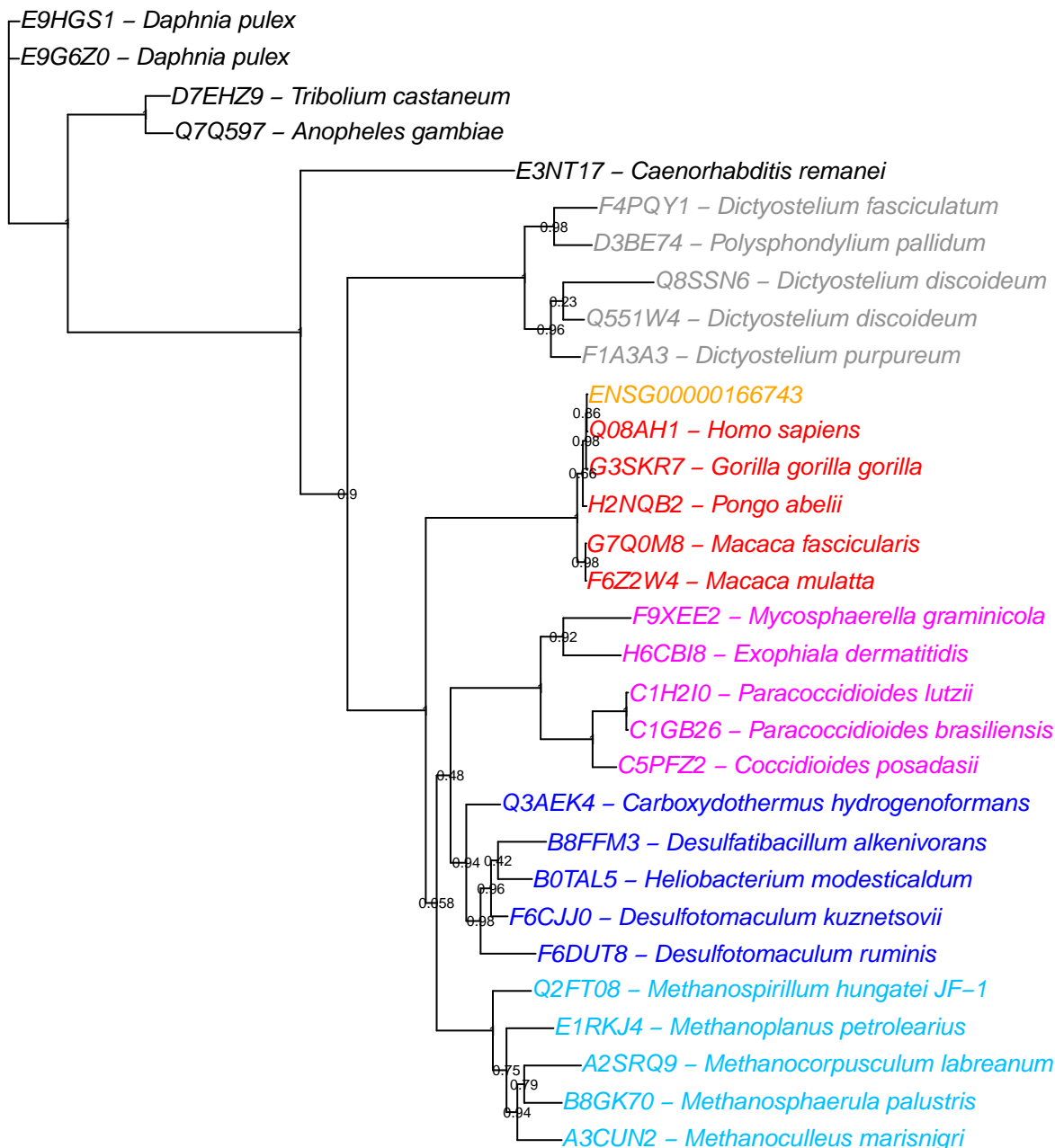
G3R616 – *Gorilla gorilla gorilla*

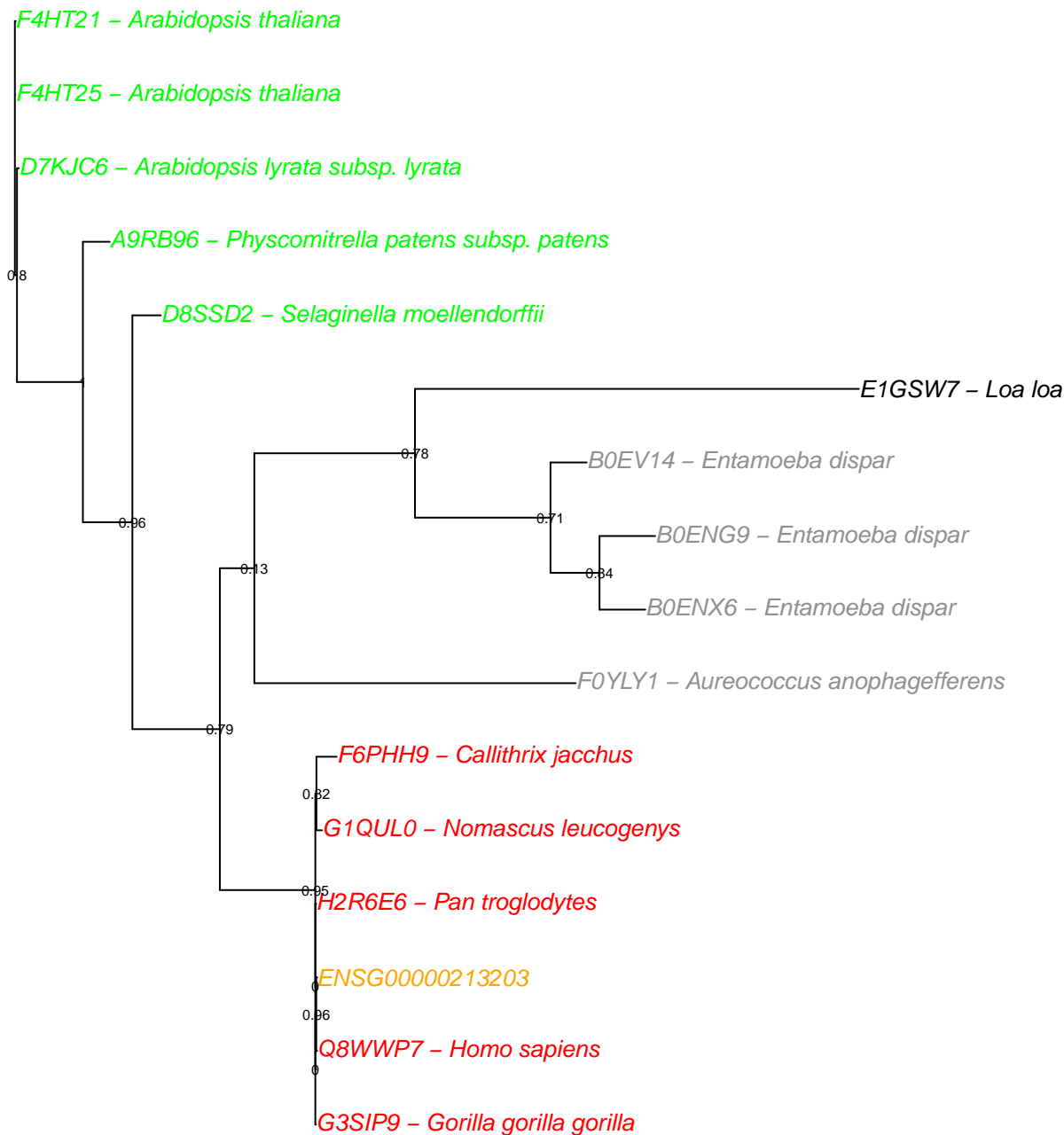
U2NYV0 – *Pongo abelii*

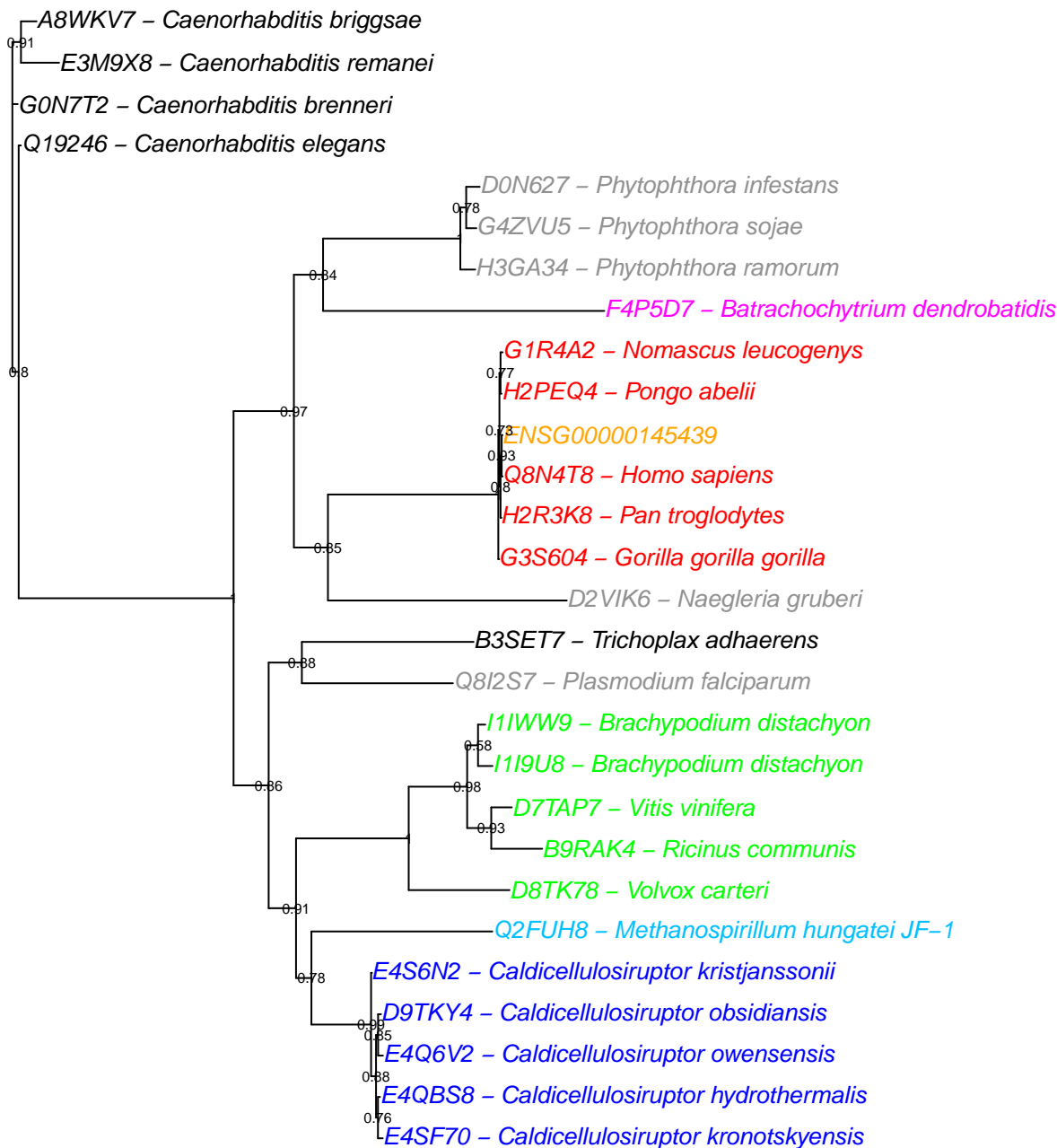
F7IN47 – *Callithrix jacchus*

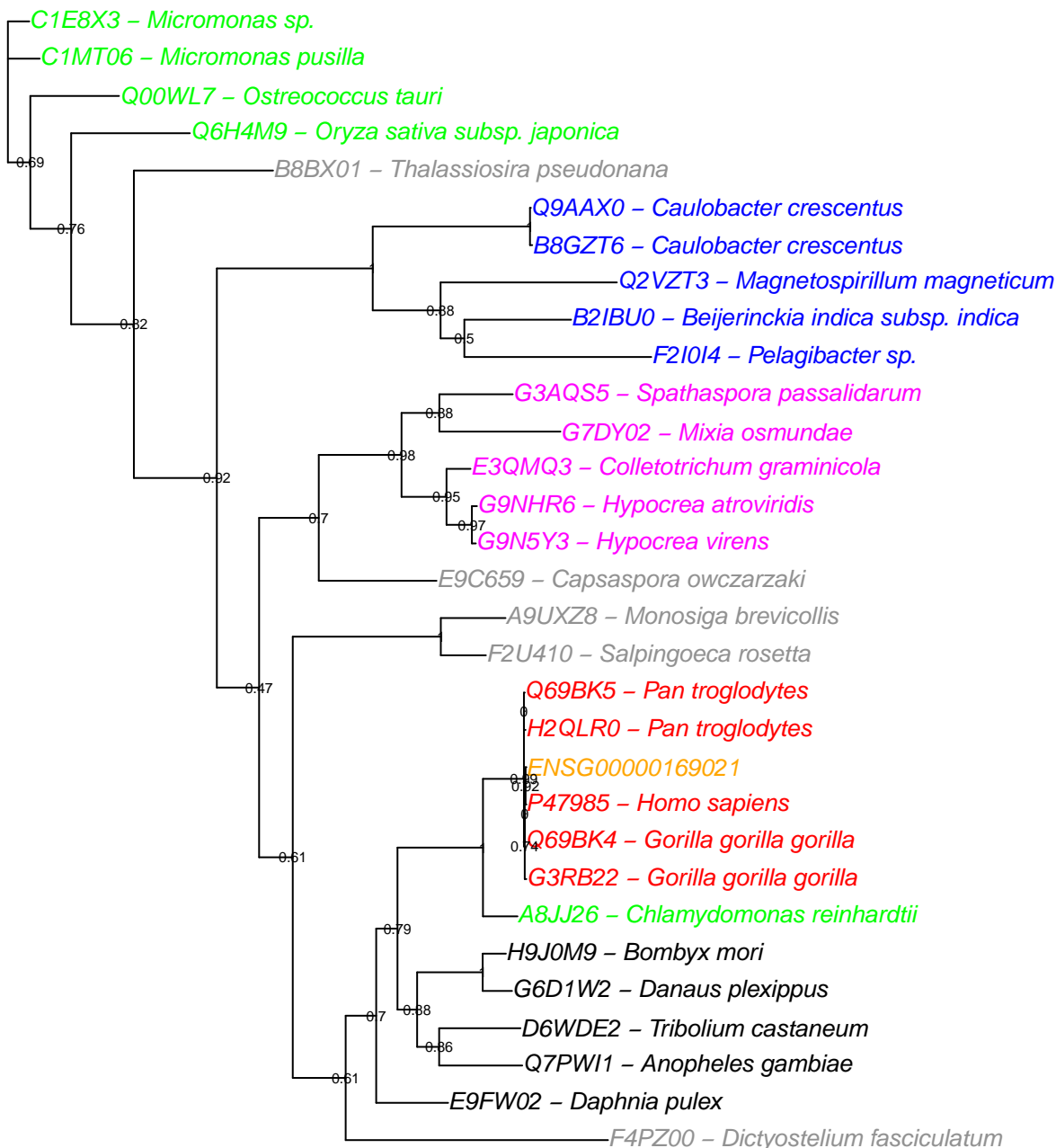


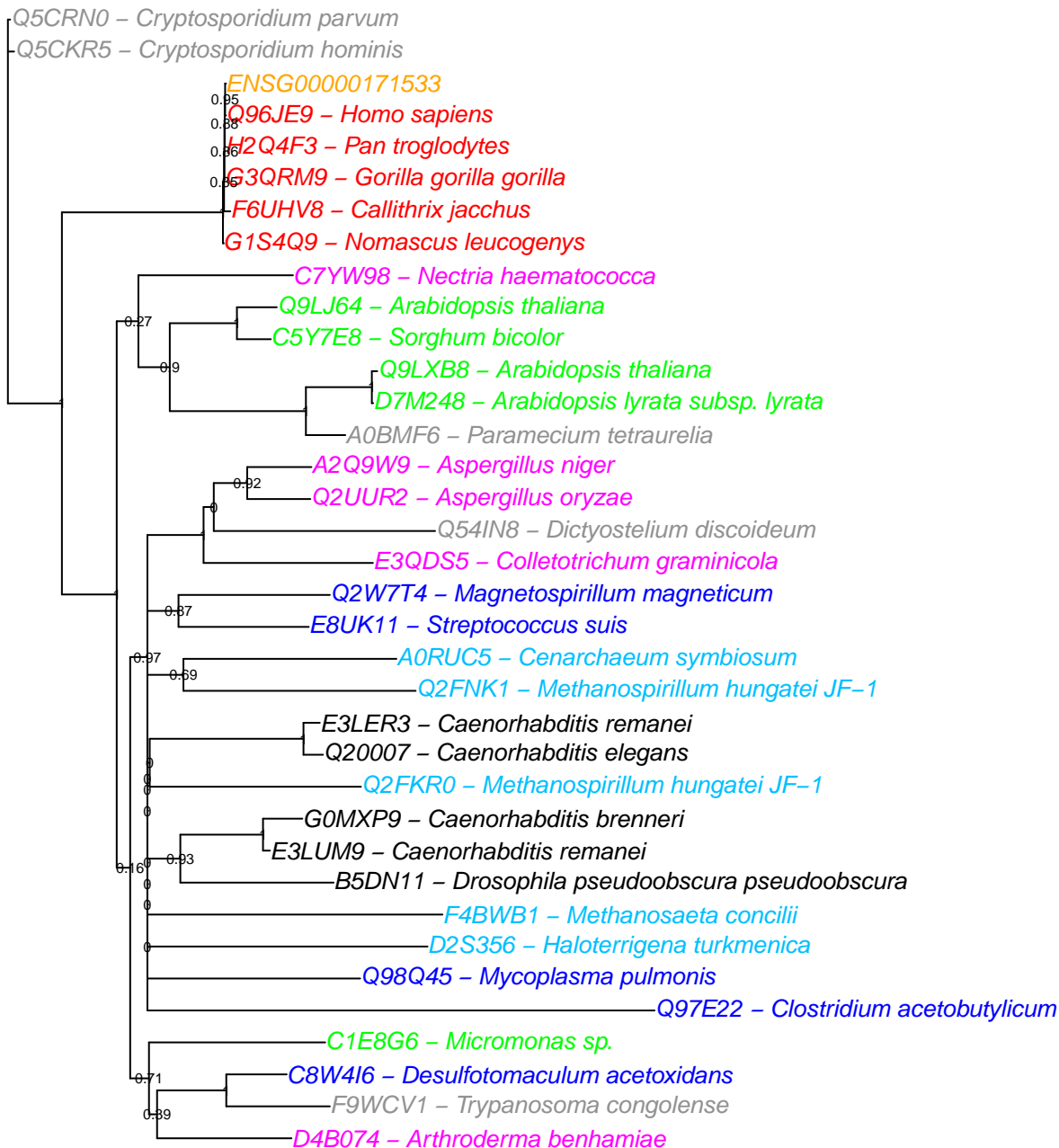












B0EFN1 – *Entamoeba dispar*

C4M7L0 – *Entamoeba histolytica*

B8C4Q2 – *Thalassiosira pseudonana*

0.95
B5YNX7 – *Thalassiosira pseudonana*

0.91
B8BZ32 – *Thalassiosira pseudonana*

E4SPX6 – *Streptococcus thermophilus*

Q03MS9 – *Streptococcus thermophilus*

0.91
C0MF69 – *Streptococcus equi* subsp. *zooepidemicus*

0.28
B4U0D4 – *Streptococcus equi* subsp. *zooepidemicus*

A9KK06 – *Clostridium phytofermentans*

ENSG00000170961

G7PCR1 – *Macaca fascicularis*

G1QZB2 – *Nomascus leucogenys*

H2QWN3 – *Pan troglodytes*

0.84
F7H1Z7 – *Callithrix jacchus*

F6UTD9 – *Macaca mulatta*

0.64
I1C447 – *Rhizopus delemar*

0.96
B8PCC4 – *Postia placenta*

0.95
B8PKM3 – *Postia placenta*

F9FZM0 – *Fusarium oxysporum*

G9N7W4 – *Hypocrea virens*

Q4JCD1 – *Sulfolobus acidocaldarius*

F4G0D4 – *Metallosphaera cuprina*

A4YDN3 – *Metallosphaera sedula*

0.95
E4NTD4 – *Halogeometricum borinquense*

D3SVK8 – *Natrialba magadii*

G6DSI3 – *Danaus plexippus*

E5SJ01 – *Trichinella spiralis*

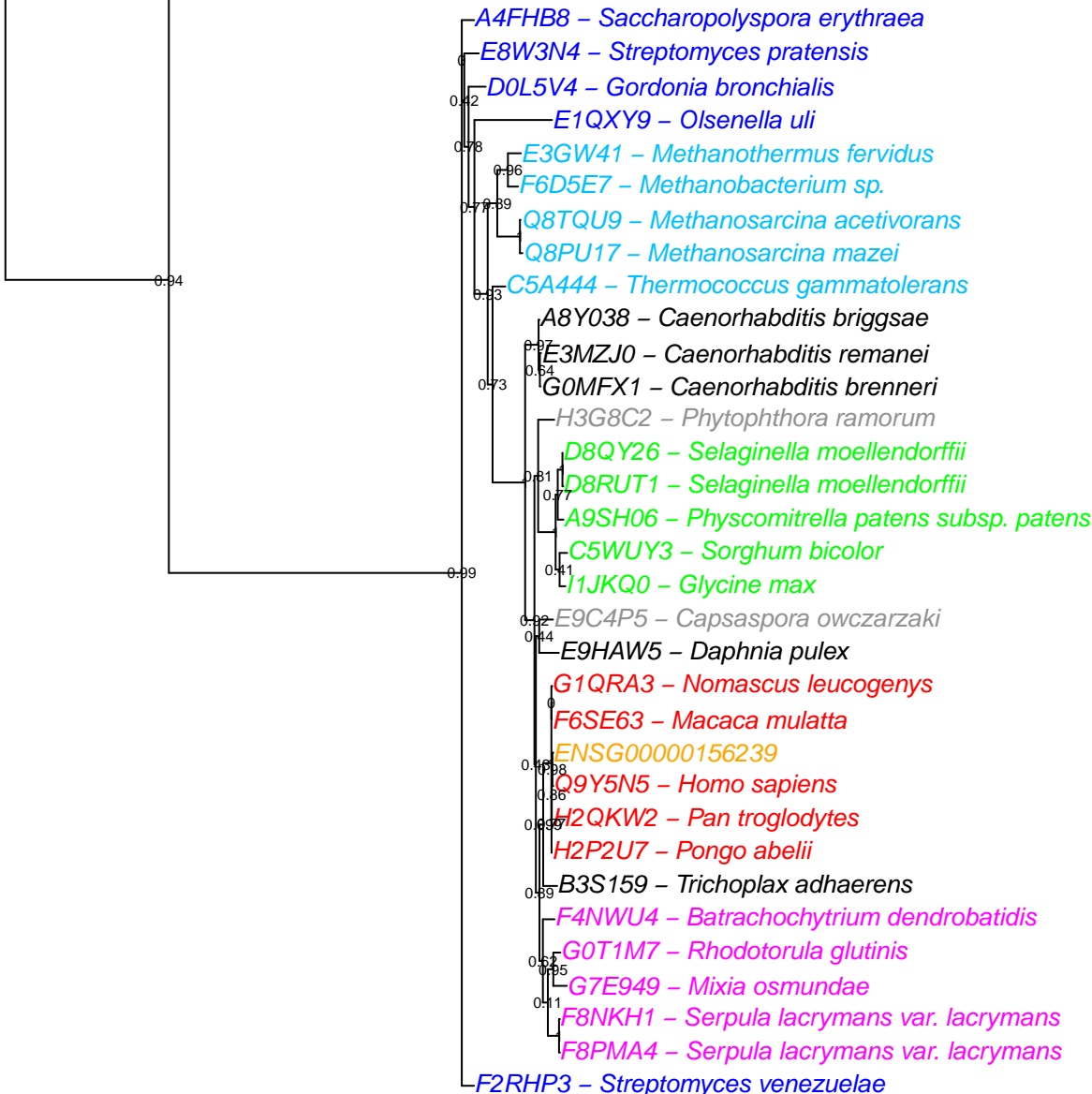
0.89
E3NLQ7 – *Caenorhabditis remanei*

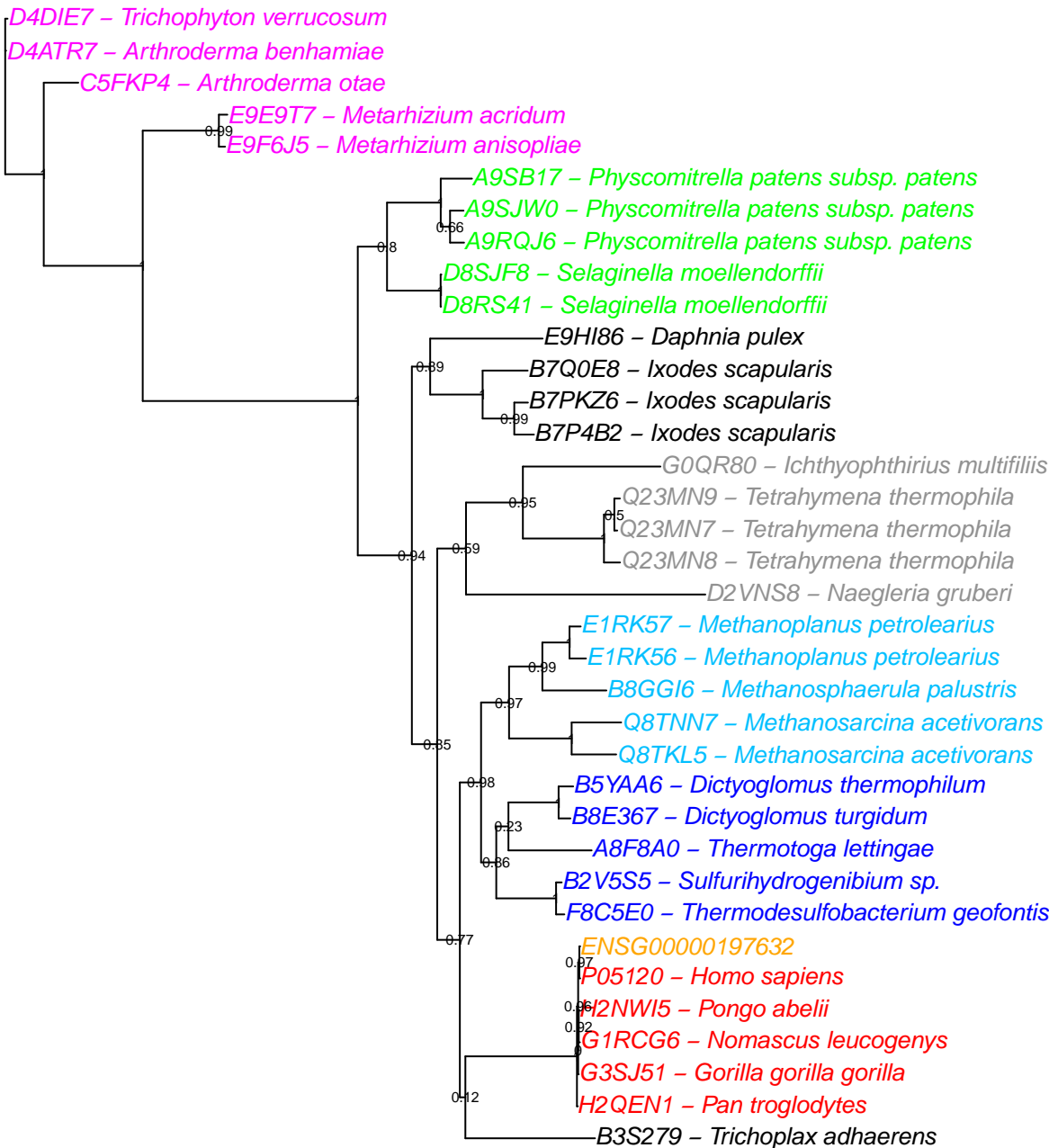
0.7
H3FIF0 – *Pristionchus pacificus*

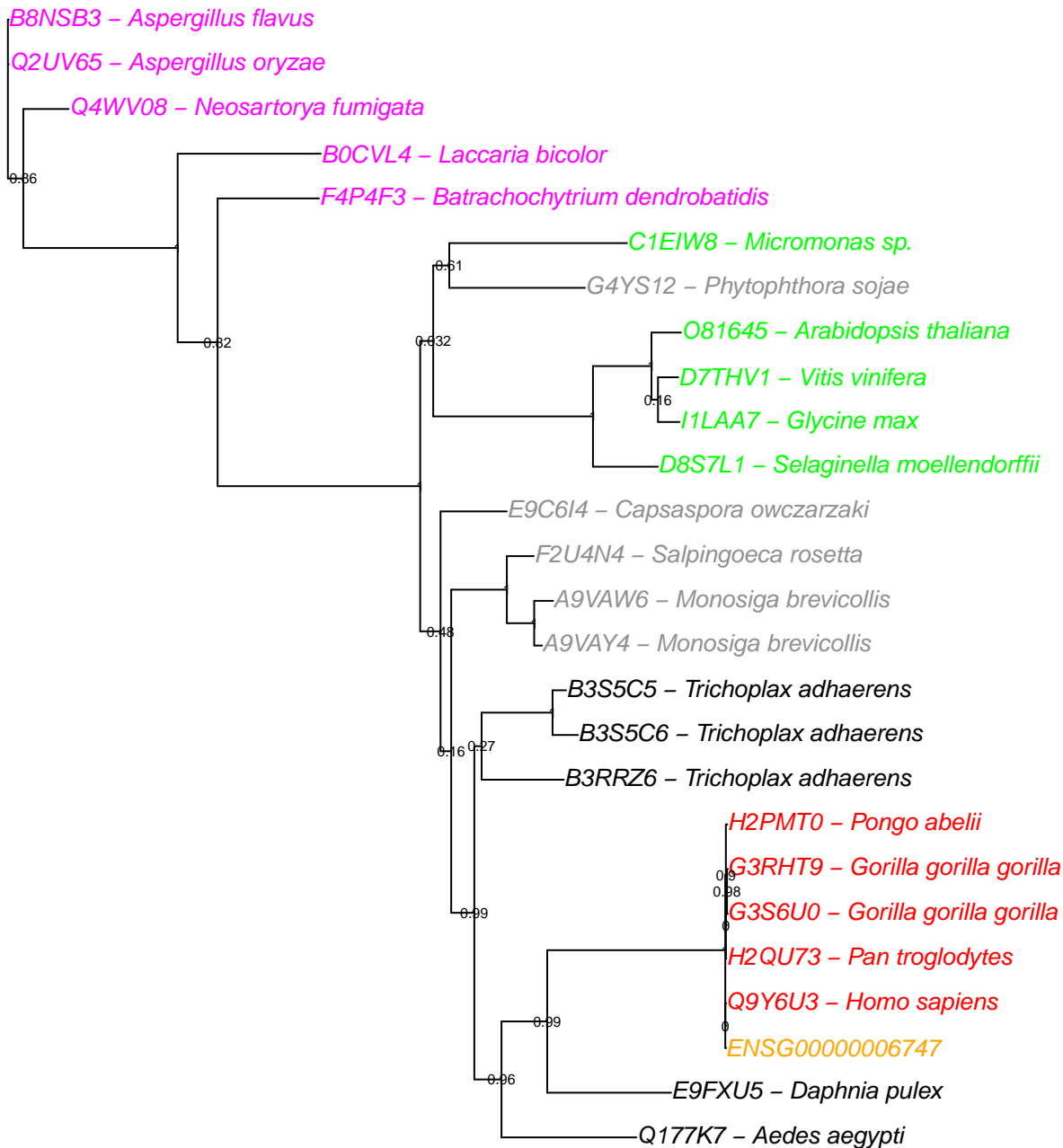
A8PV21 – *Brugia malayi*

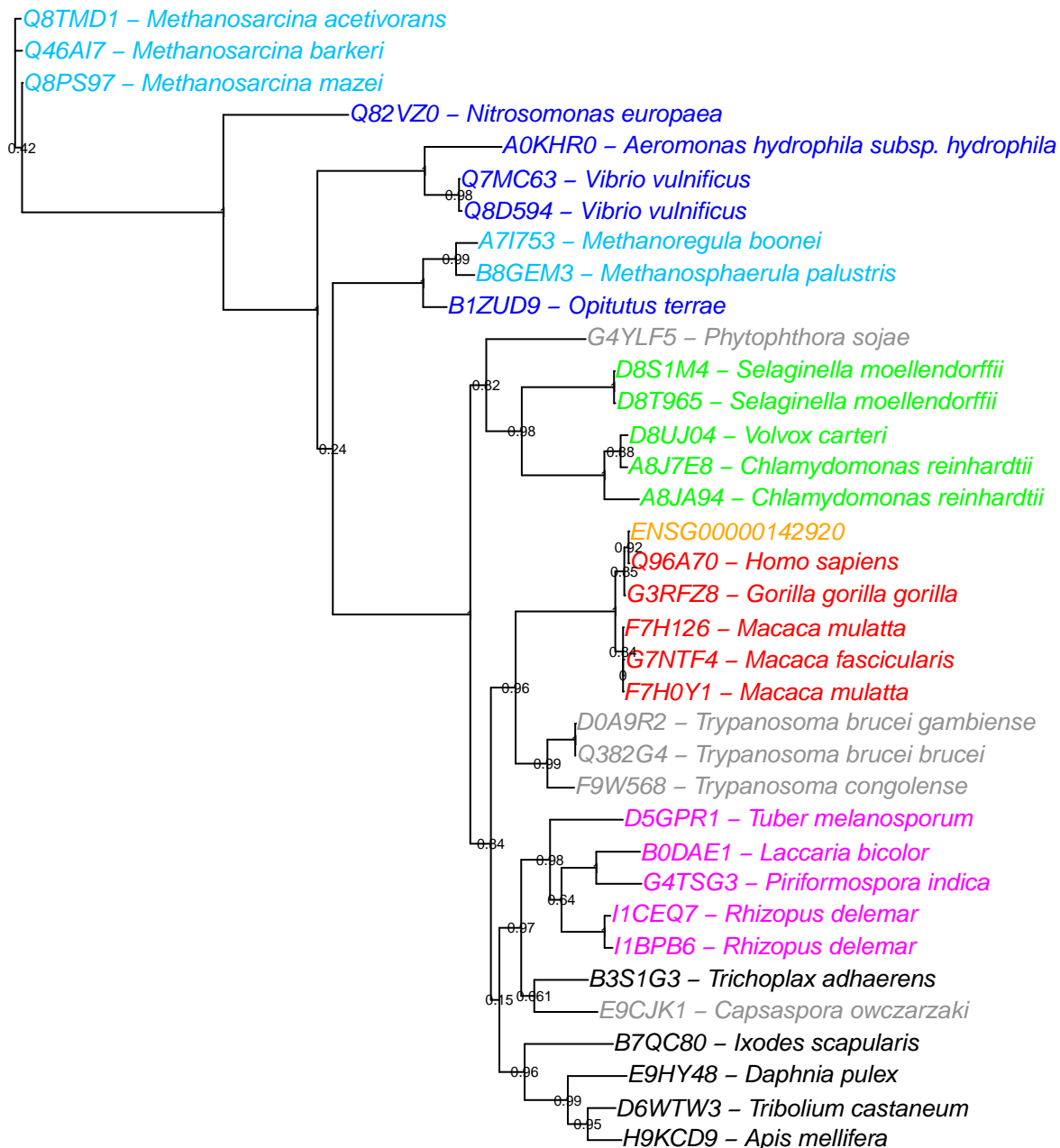
Q7R8D5 – *Plasmodium yoelii yoelii*
F9W7P5 – *Trypanosoma congolense*

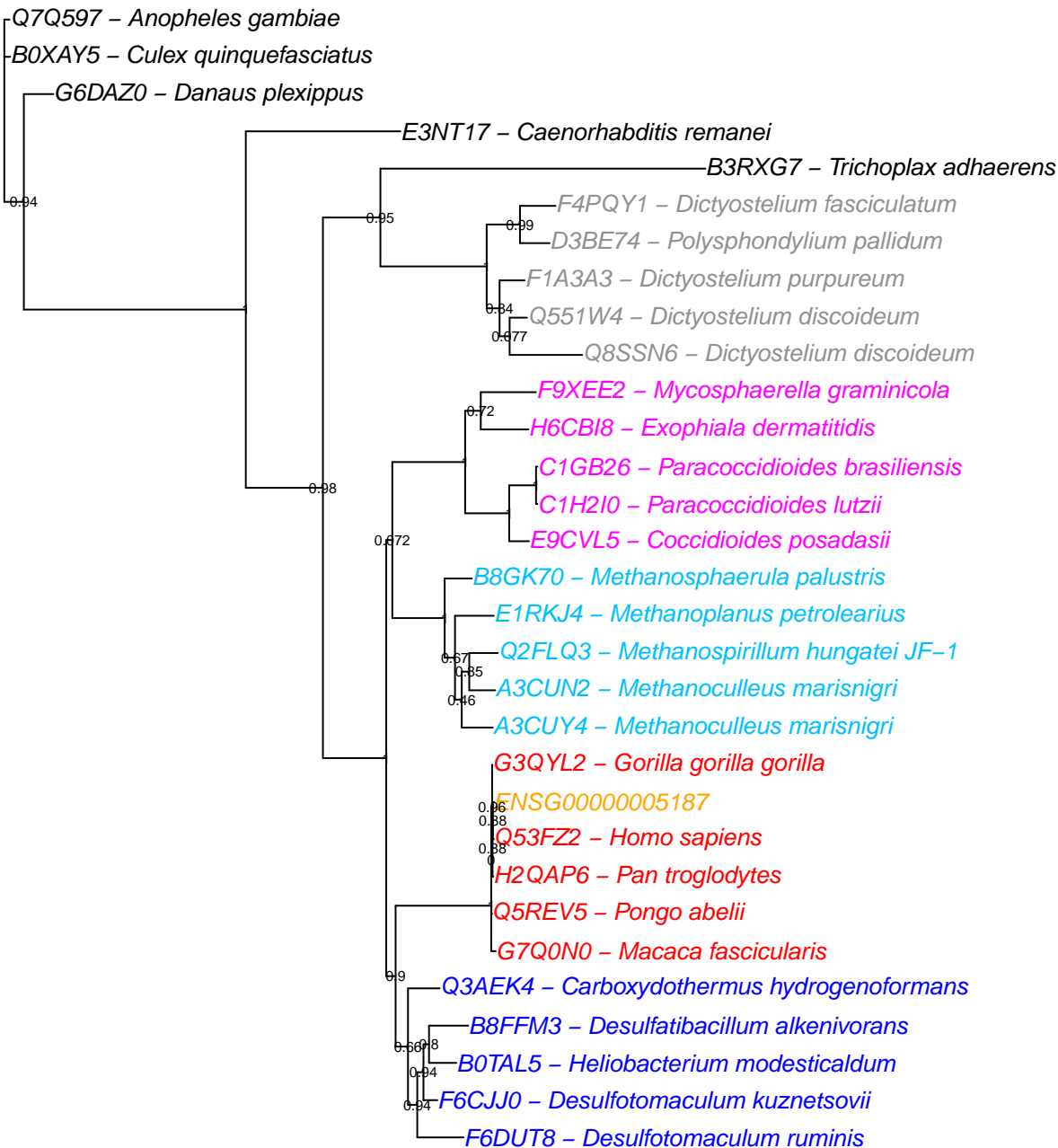
F9W7P6 – *Trypanosoma congolense*

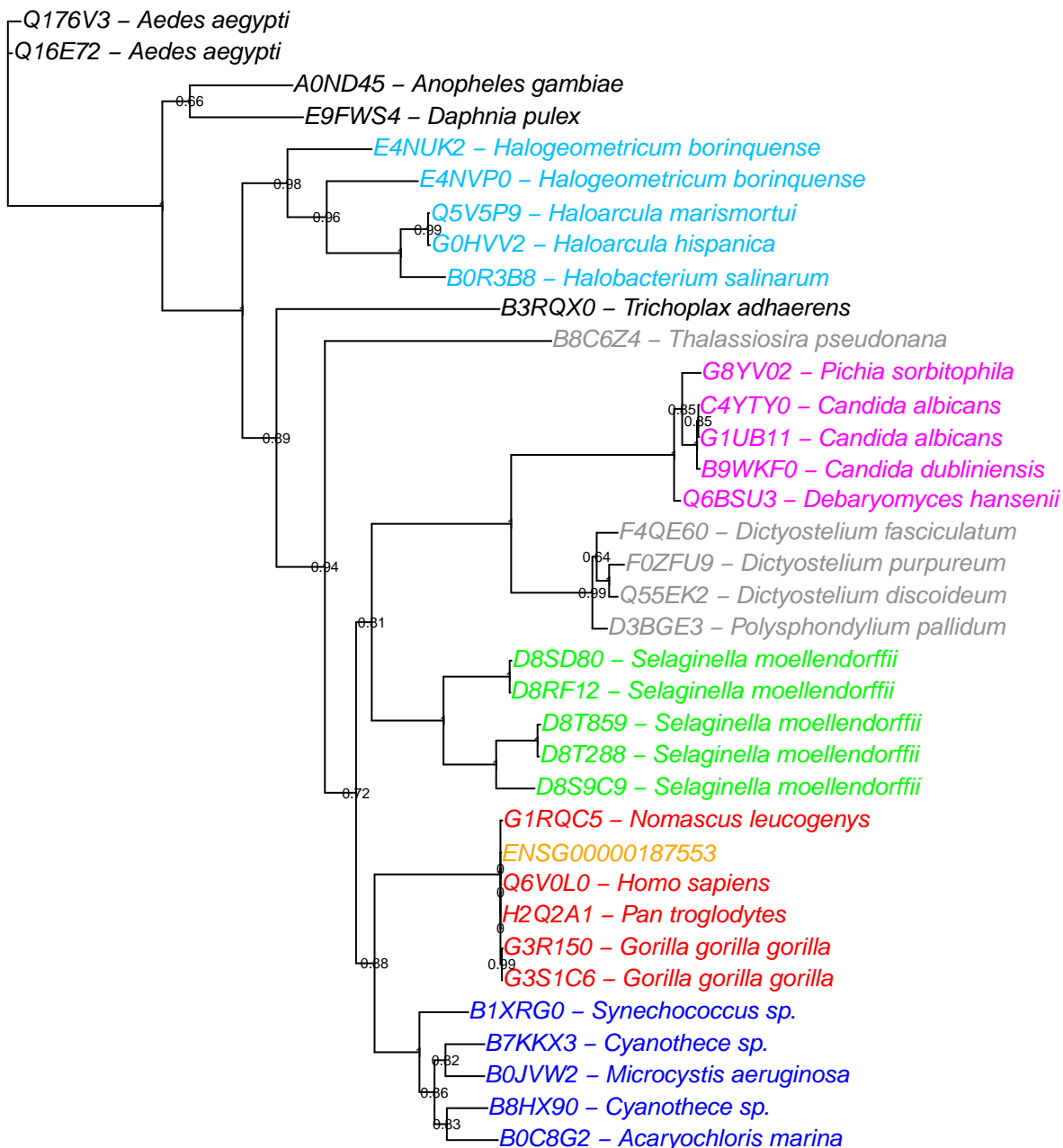


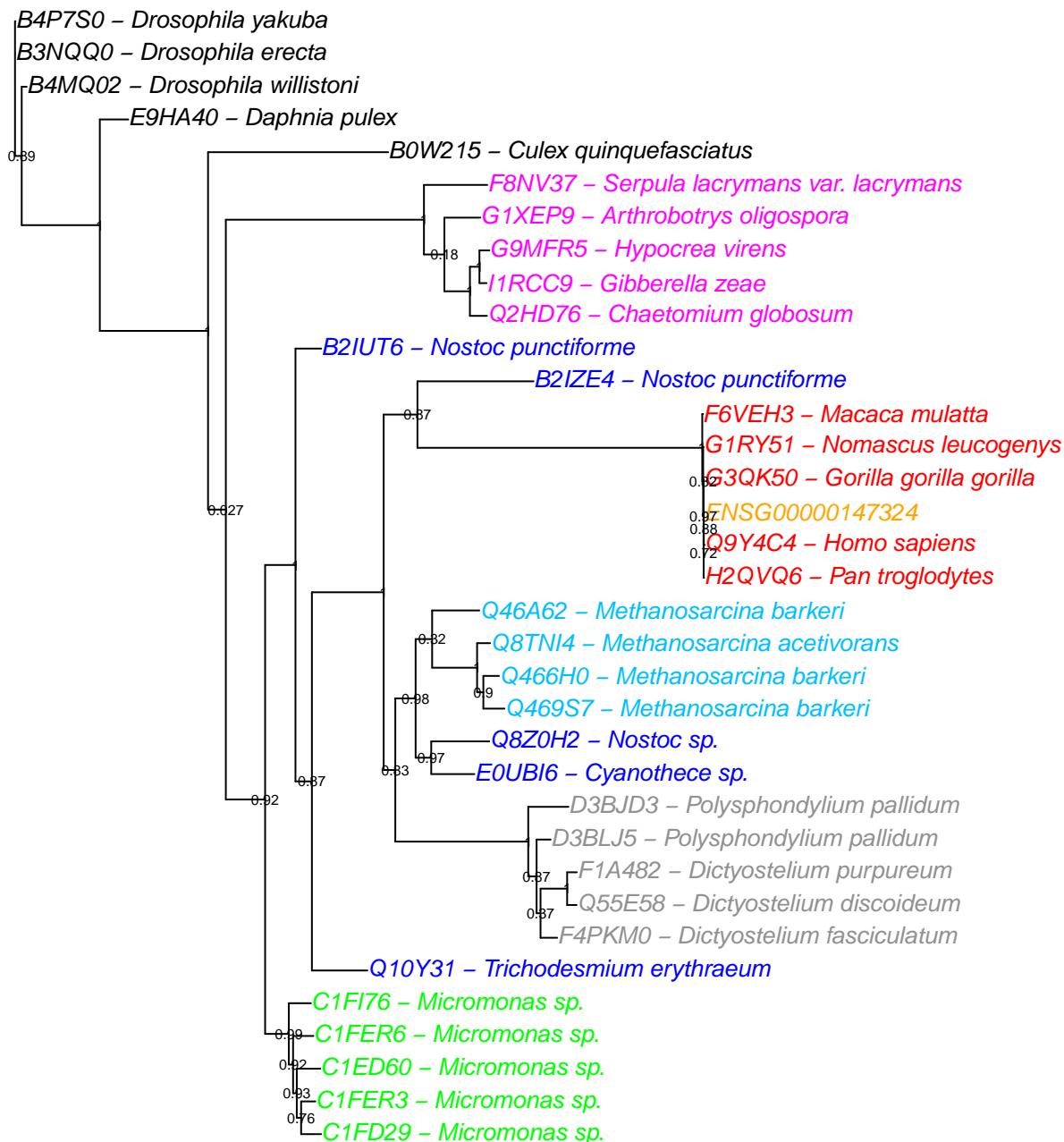


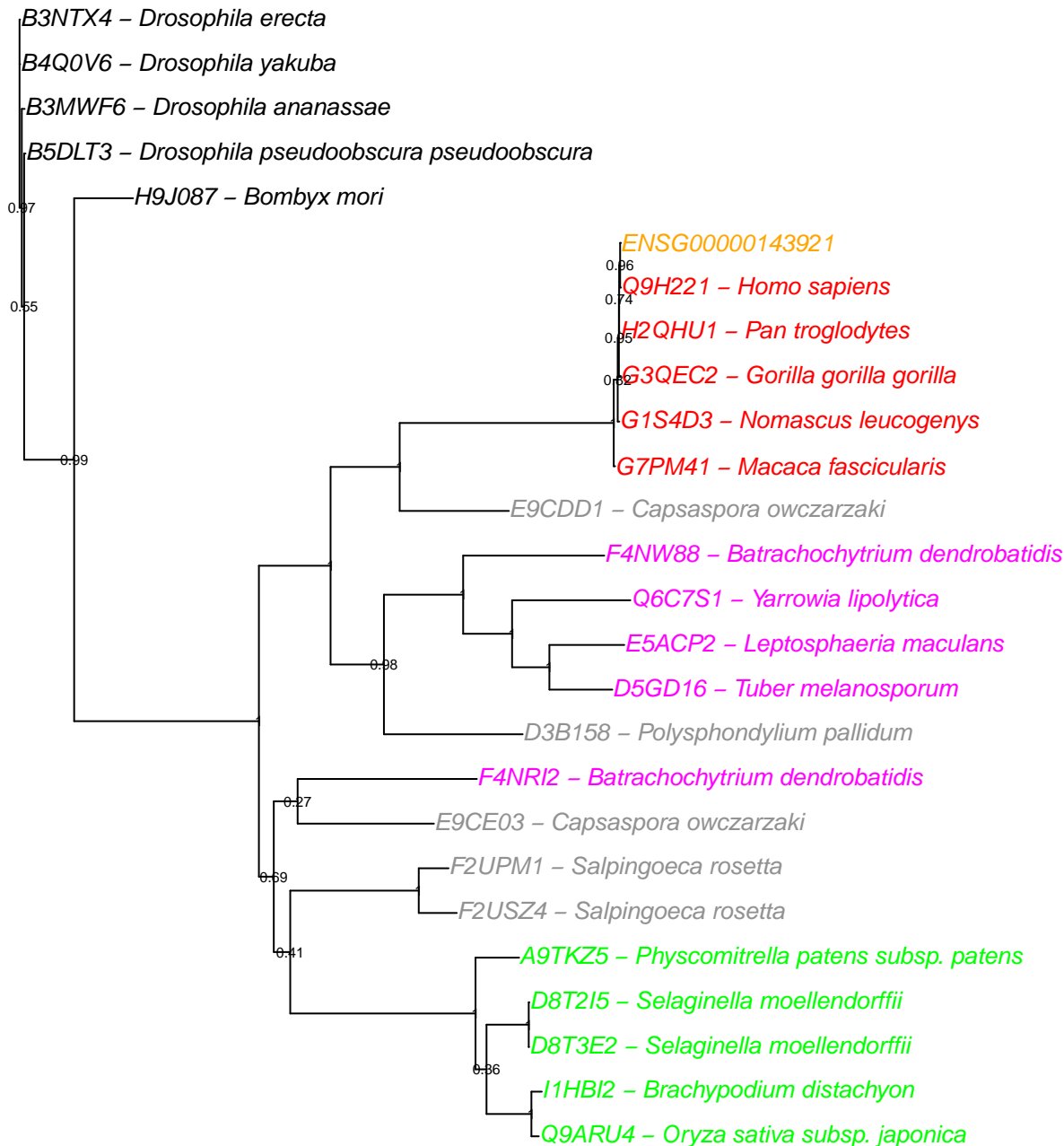


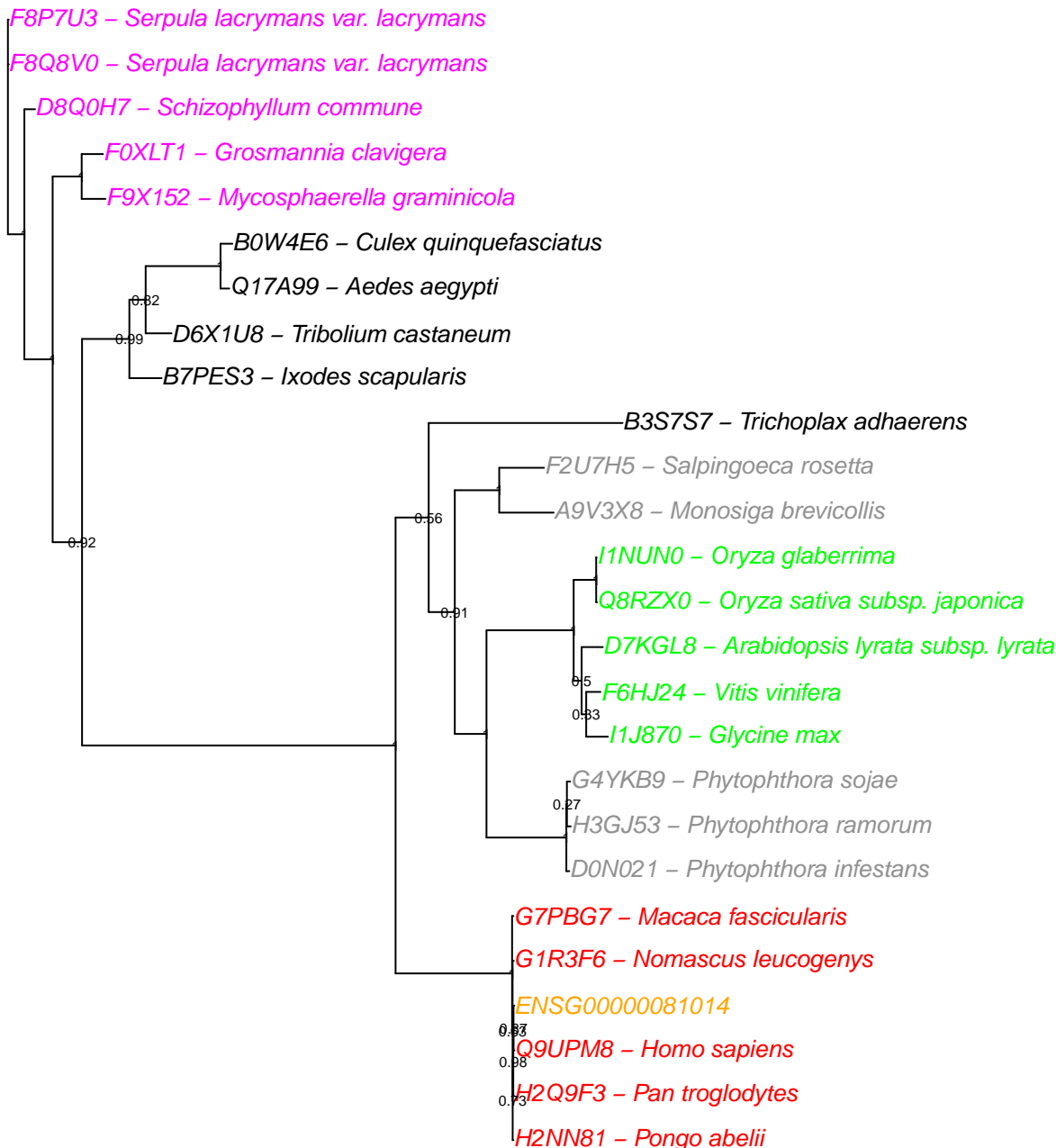


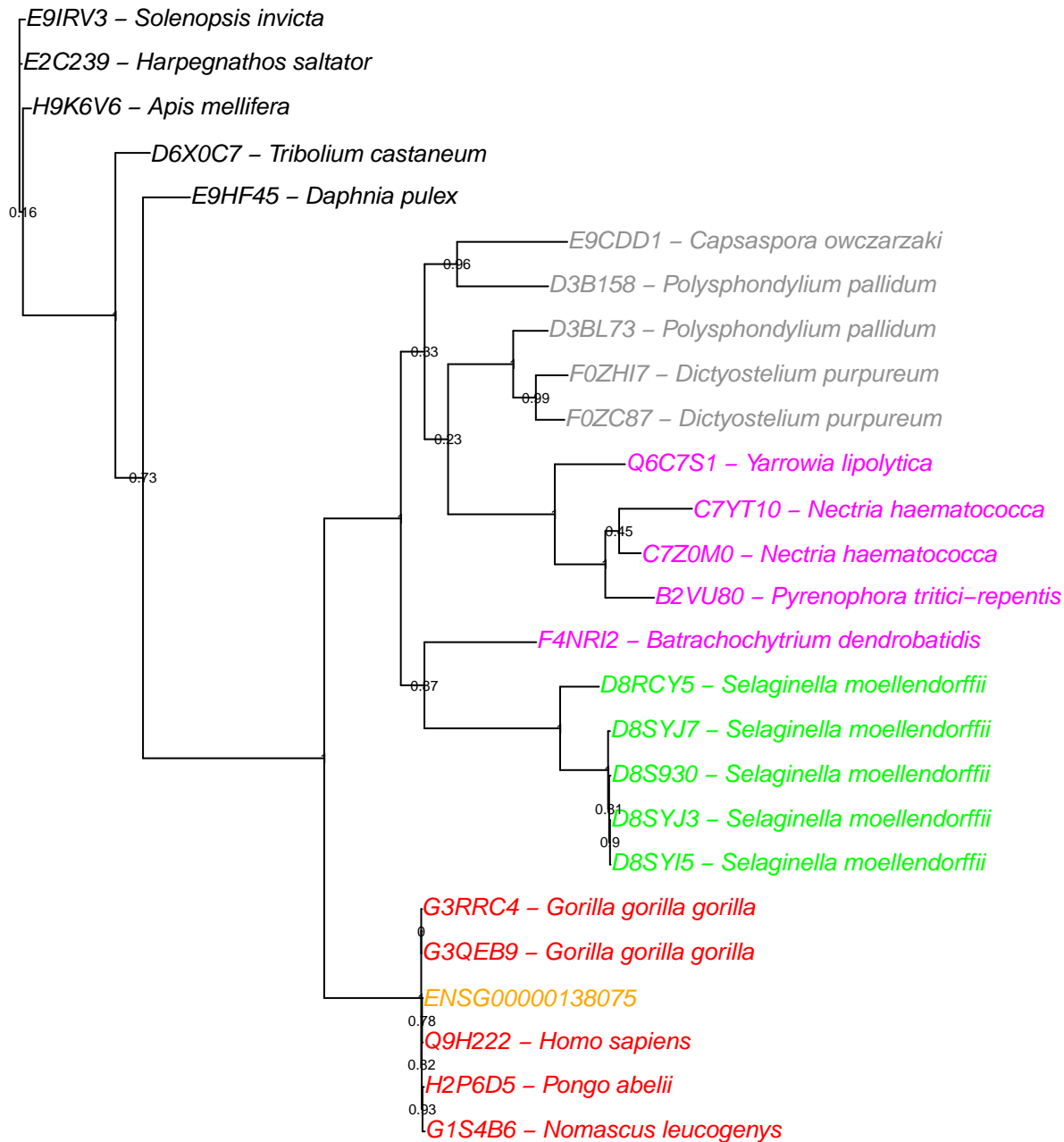












F9W909 – *Trypanosoma congolense*

-B3D586 – *Burkholderia multivorans*

– *F4NVU0 – Batrachochytrium dendrobatidis*

D8TTI9 – *Volvox carteri*

-D8TTI8 – *Volvox carteri*

-E9ETJ4 – *Metarhizium anisopliae*

-E8QZ99 – *Isosphaera pallida*

-A0BMF6 – *Paramecium tetraurelia*

-H6QZY2 – *Nocardia cyriacigeorgica*

– A0RY40 – *Cenarchaeum symbiosum*

-Q2FKR0 – *Methanospirillum hungatei* JF-1

G3S193 – *Gorilla gorilla gorilla*

H2NXE5 – *Pongo abelii*

ENSG00000133246

H2QF87 – *Pan troglodytes*

G3QLT2 – *Gorilla gorilla gorilla*

Q96QH2 – *Homo sapiens*

– F2QH03 – *Streptococcus oralis*

0.84 — 0.86 **G4N3W4 – Magnaporthe oryzae**

-A8W XF2 – *Caenorhabditis briggsae*

-A9A239 – *Nitrosopumilus maritimus*

– A0RYC6 – *Cenarchaeum symbiosum*

-I1H2G4 – *Brachypodium distachyon*

—B4J7U9 – *Drosophila grimshawi*

E2C005 – *Harpegnathos saltator*

Q84PC5 – *Oryza sativa* subsp. *japonica*

–E3KIW3 – *Puccinia graminis* f. sp. tritici

A2F983 – *Trichomonas vaginalis*

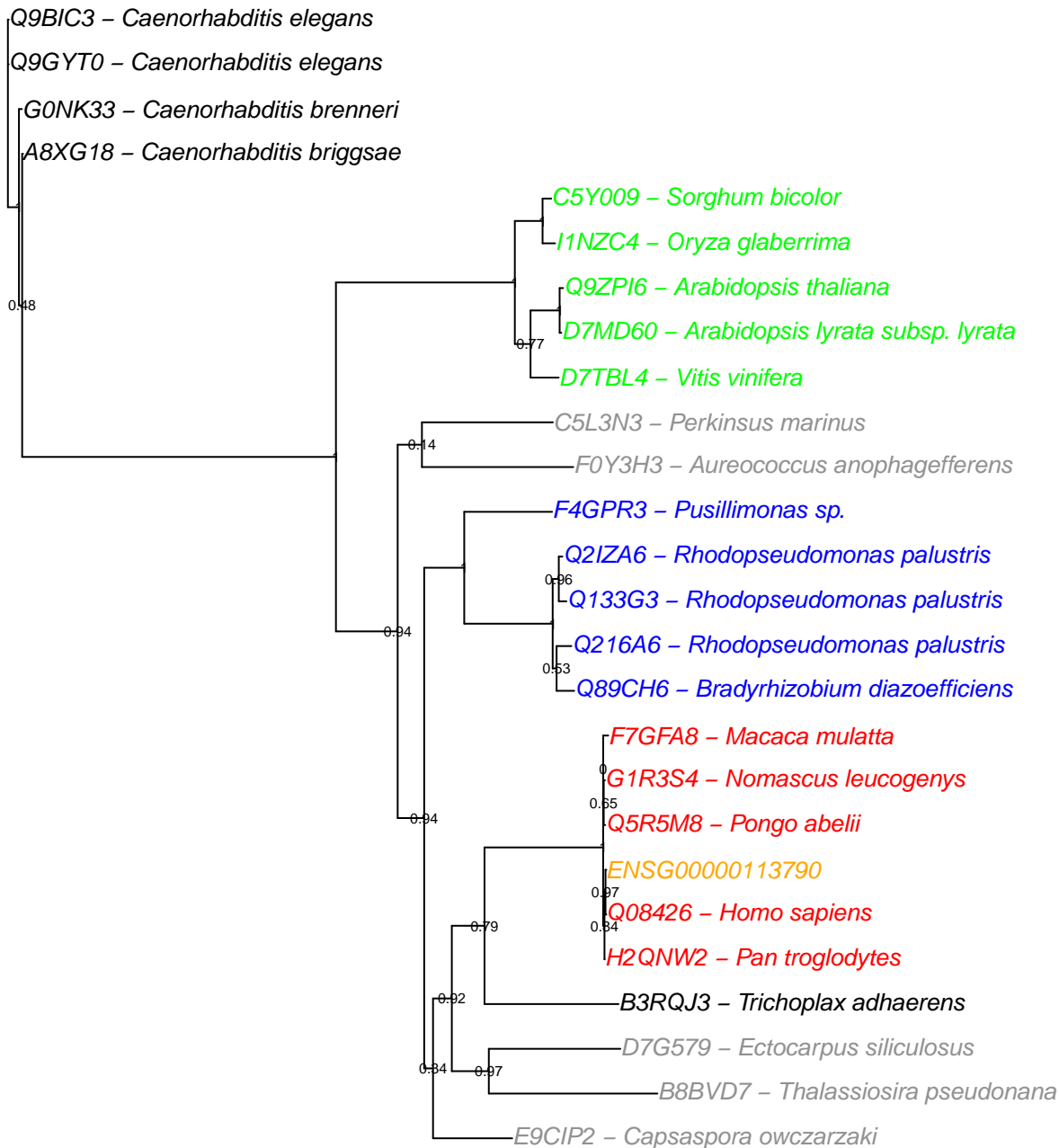
-F0VAC1 – *Neospora caninum*

-G6D764 – *Danaus plexippus*

-B1Z6K9 – *Burkholderia ambifaria*

D8UER7 – Volvox carterii

-G8B9T8 – *Candida parapsilosis*



G7Q2G6 – *Macaca fascicularis*

F6YE38 – *Macaca mulatta*

G0PP17 – *Caenorhabditis brenneri*

G0PP33 – *Caenorhabditis brenneri*

F7GPM3 – *Macaca mulatta*

ENSG00000232774

G7Q3D4 – *Macaca fascicularis*

F7CVW4 – *Macaca mulatta*

G0PP10 – *Caenorhabditis brenneri*

F9WHP5 – *Trypanosoma congolense*

Q7RAY6 – *Plasmodium yoelii yoelii*

F9WBA8 – *Trypanosoma congolense*

Q7R7I4 – *Plasmodium yoelii yoelii*

Q7R857 – *Plasmodium yoelii yoelii*

0.58

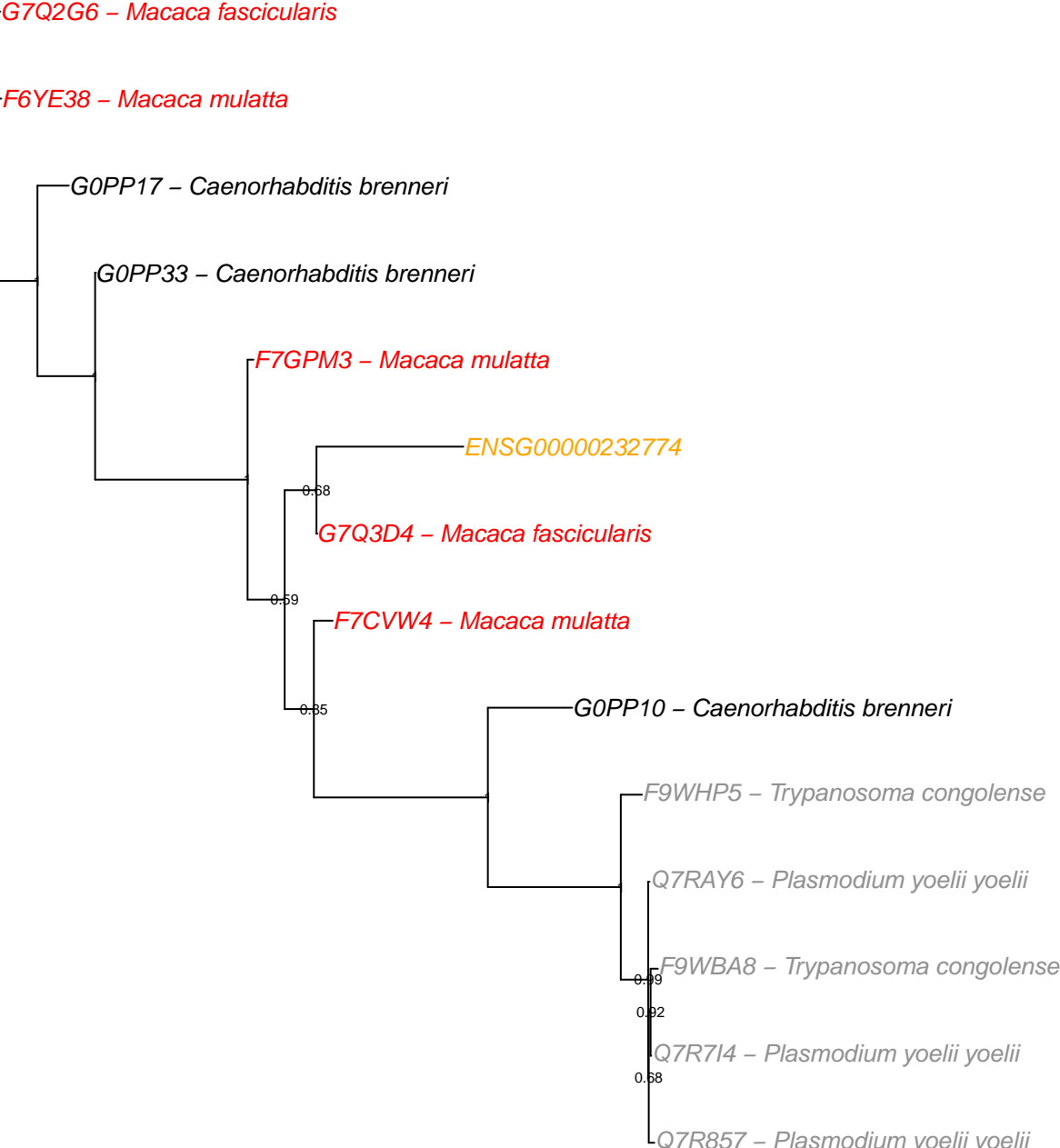
0.59

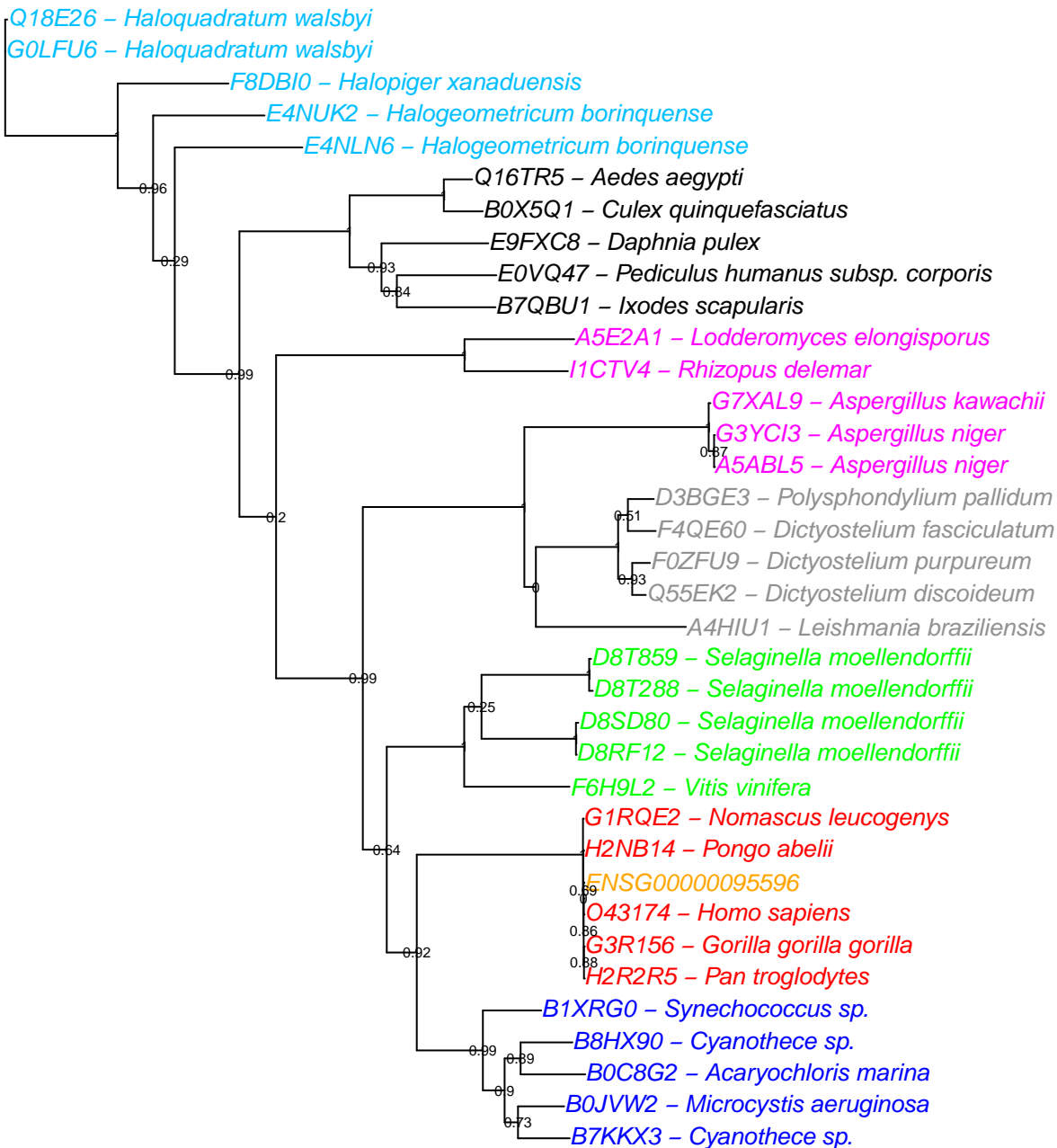
0.55

0.59

0.82

0.58





E4SPX6 – *Streptococcus thermophilus*

Q03MS9 – *Streptococcus thermophilus*

C3LL95 – *Bacillus anthracis*

C1EK77 – *Bacillus cereus*

D8HA49 – *Bacillus cereus* var. *anthracis*

G0RQC2 – *Hypocrea jecorina*

ENSG00000105509

Q92839 – *Homo sapiens*

G3V1S7 – *Homo sapiens*

G3S833 – *Gorilla gorilla gorilla*

F7H7U8 – *Macaca mulatta*

H0XU08 – *Otolemur garnettii*

I1C447 – *Rhizopus delemar*

F9FZM0 – *Fusarium oxysporum*

B8PCC4 – *Postia placenta*

B8PKM3 – *Postia placenta*

Q9HJU0 – *Thermoplasma acidophilum*

F4G0D4 – *Metallosphaera cuprina*

Q96Z07 – *Sulfolobus tokodaii*

D7G7X6 – *Ectocarpus siliculosus*

E4NTD4 – *Halogeometricum borinquense*

D3SVK8 – *Natrialba magadii*

B8C4Q2 – *Thalassiosira pseudonana*

B5YNX7 – *Thalassiosira pseudonana*

B8BZ32 – *Thalassiosira pseudonana*

C4LTA3 – *Entamoeba histolytica*

A8XE88 – *Caenorhabditis briggsae*

E3NLQ7 – *Caenorhabditis remanei*

E3MTJ5 – *Caenorhabditis remanei*

G0NCW3 – *Caenorhabditis brenneri*

H2VHT5 – *Caenorhabditis japonica*

