

H3A222 – *Latimeria chalumnae*

H3A221 – *Latimeria chalumnae*

F1QRM4 – *Danio rerio*

FBgn0101407

0.99
B3M5E8 – *Drosophila ananassae*

0.51
B4LEE6 – *Drosophila virilis*

Q2LZV4 – *Drosophila pseudoobscura pseudoobscura*

B3NJC7 – *Drosophila erecta*

Q9W0M1 – *Drosophila melanogaster*

A9A4J3 – *Nitrosopumilus maritimus*

Q2NJC3 – *Aster yellows witches-broom phytoplasma*

C0ZAA3 – *Brevibacillus brevis*

B9S4Y1 – *Ricinus communis*

C5YG07 – *Sorghum bicolor*

0.98
I1PPV9 – *Oryza glaberrima*

I1J1T5 – *Brachypodium distachyon*

I1J1T4 – *Brachypodium distachyon*

0.11
E0U9W6 – *Cyanothece* sp.

0.92
B7K8Y7 – *Cyanothece* sp.

0.62
C4YGV2 – *Candida albicans*

B9WGI7 – *Candida dubliniensis*

Q6FWE0 – *Candida glabrata*

A6ZXR7 – *Saccharomyces cerevisiae*

G2WCA2 – *Saccharomyces cerevisiae*

0.34
F8AI78 – *Pyrococcus yayanosii*

0.69
D5VSC5 – *Methanocaldococcus infernus*

D3RZ28 – *Ferroglobus placidus*

0.31
Q3ISN7 – *Natronomonas pharaonis*

0.48
B3CN19 – *Wolbachia pipientis* subsp. *Culex pipiens*

0.18
E2R200 – *Canis familiaris*

0.11
A2DDP2 – *Trichomonas vaginalis*

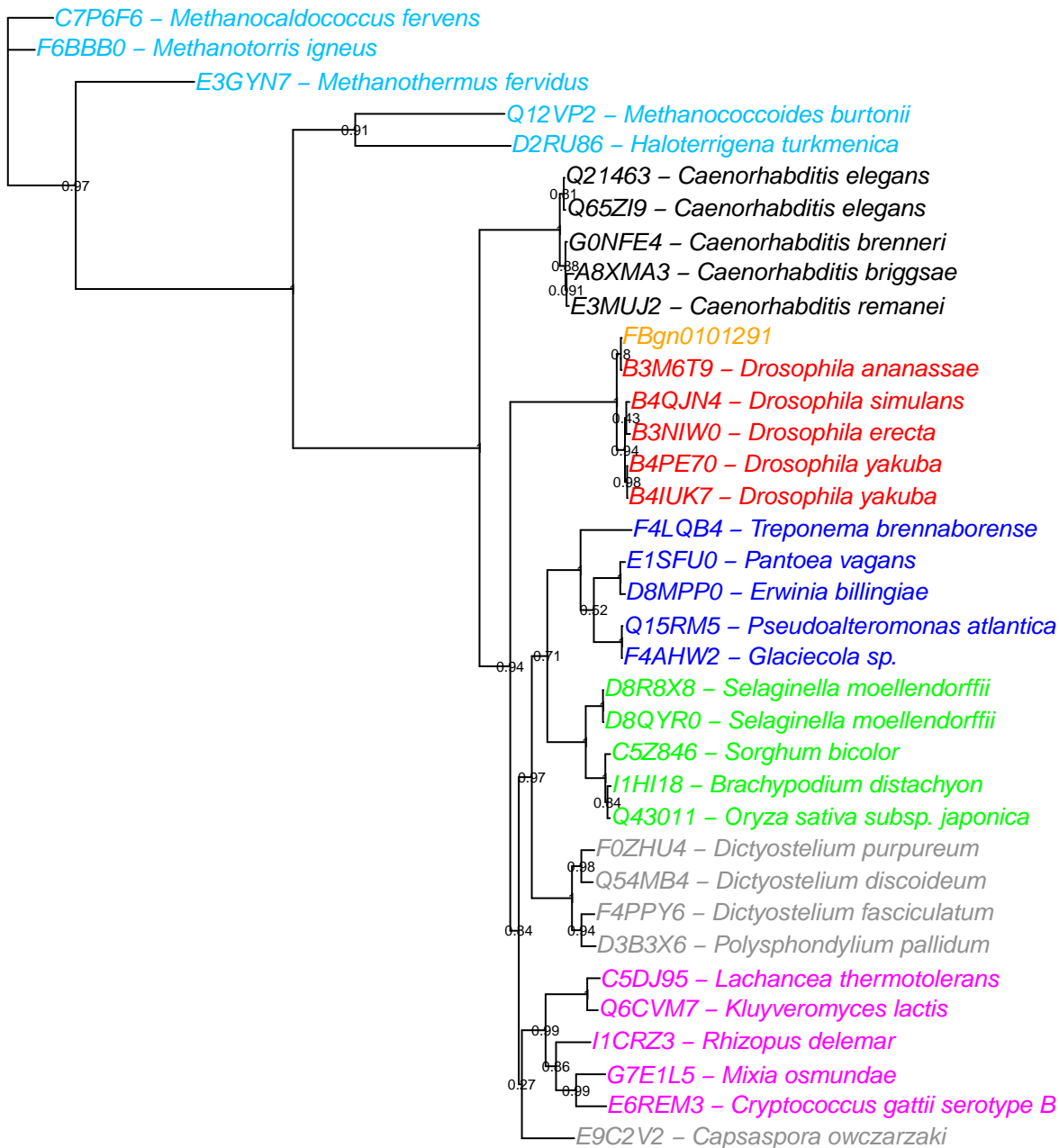
0.1
F1Q4P0 – *Danio rerio*

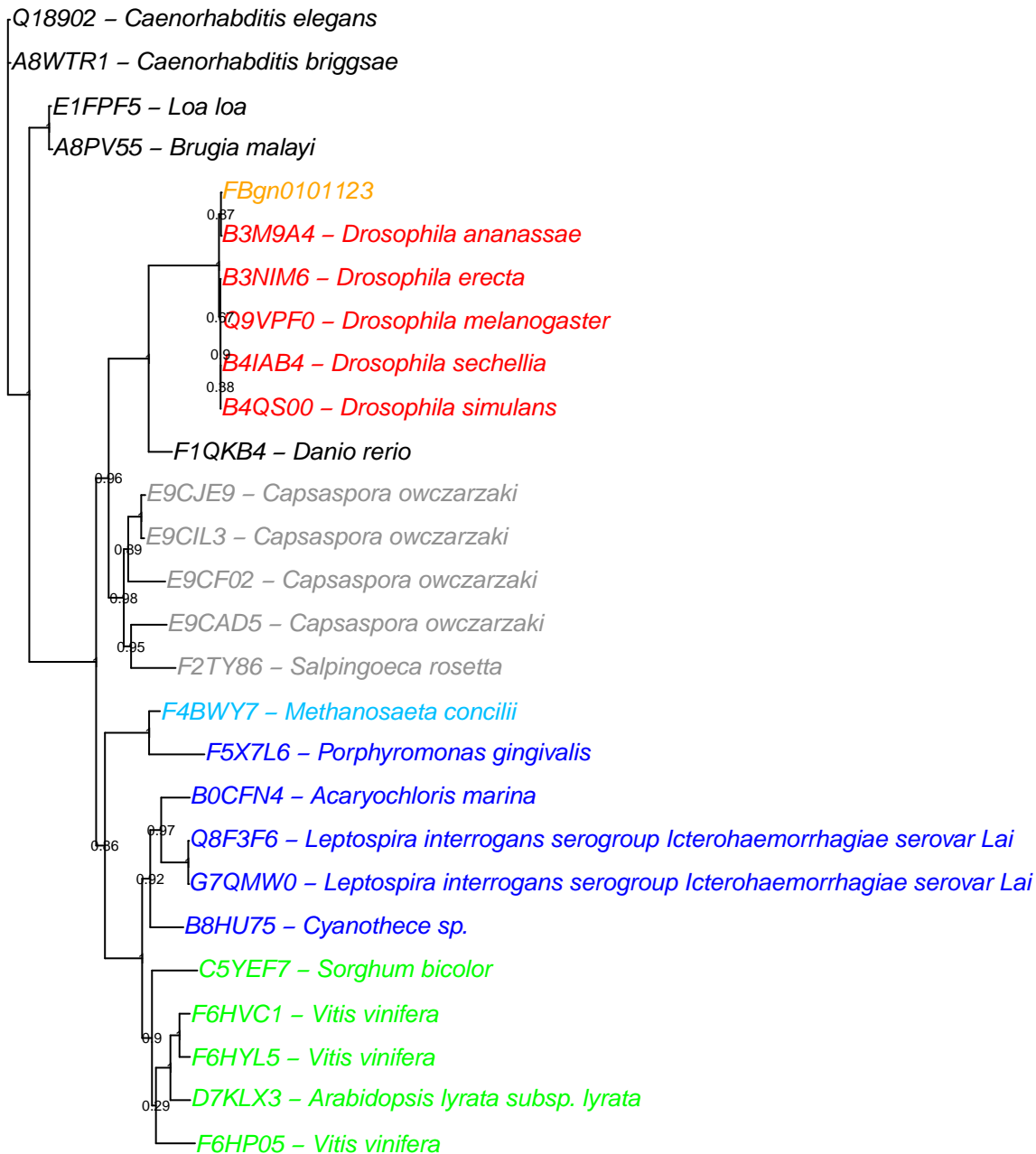
0.95
A2DGN0 – *Trichomonas vaginalis*

A2EN31 – *Trichomonas vaginalis*

0.64
A2F531 – *Trichomonas vaginalis*

0.65
A2DLG0 – *Trichomonas vaginalis*





FBgn0100991

B3M3L3 – *Drosophila ananassae*

B4GFG4 – *Drosophila persimilis*

B5DY66 – *Drosophila pseudoobscura pseudoobscura*

B4QIT3 – *Drosophila simulans*

B4PJ88 – *Drosophila yakuba*

F2F8S0 – *Solibacillus silvestris*

D3FRM9 – *Bacillus pseudofirmus*

E3GWM0 – *Methanothermus fervidus*

Q6LZQ8 – *Methanococcus maripaludis*

A9A666 – *Methanococcus maripaludis*

A6VJL7 – *Methanococcus maripaludis*

Q9KBC2 – *Bacillus halodurans*

H6RJ55 – *Blastococcus saxosidens*

B2J527 – *Nostoc punctiforme*

A1RUG0 – *Pyrobaculum islandicum*

D3BND6 – *Polysphondylium pallidum*

F4Q8P2 – *Dictyostelium fasciculatum*

Q54P79 – *Dictyostelium discoideum*

Q54P78 – *Dictyostelium discoideum*

Q54P77 – *Dictyostelium discoideum*

I1LVS5 – *Glycine max*

I1MSS1 – *Glycine max*

B9RGS2 – *Ricinus communis*

Q6ETN3 – *Oryza sativa subsp. japonica*

Q67W82 – *Oryza sativa subsp. japonica*

F6UFU1 – *Ciona intestinalis*

E3MHY3 – *Caenorhabditis remanei*

F4PB00 – *Batrachochytrium dendrobatidis*

H6CBX9 – *Exophiala dermatitidis*

G1X6A1 – *Arthrobotrys oligospora*

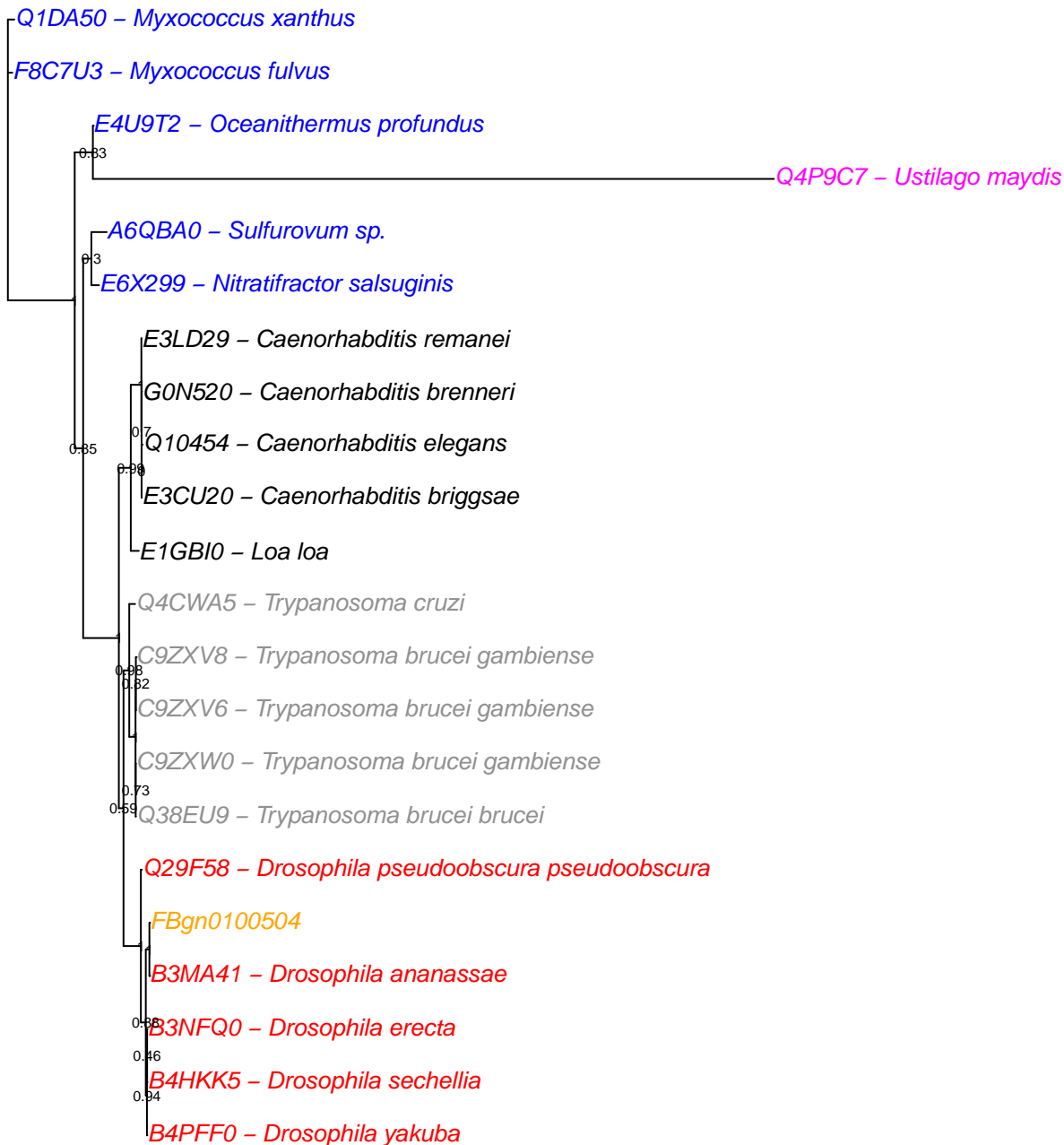
I1CCF3 – *Rhizopus delemar*

C7YYJ6 – *Nectria haematococca*

B3RXG7 – *Trichoplax adhaerens*

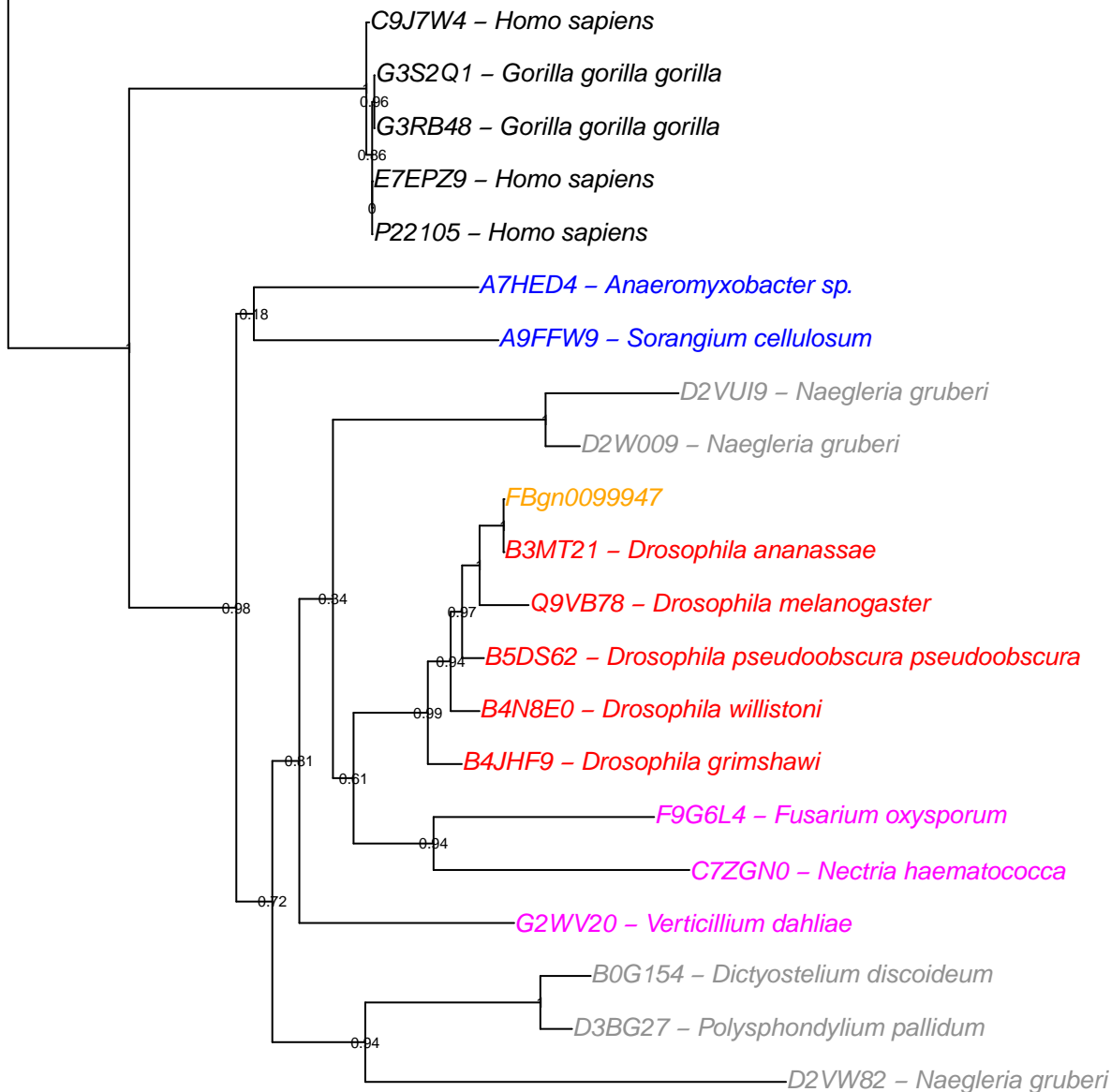
B3RJA0 – *Trichoplax adhaerens*

B3S1X1 – *Trichoplax adhaerens*



B4UIN8 – Anaeromyxobacter sp.

B8JEY0 – Anaeromyxobacter dehalogenans



FBgn0099382

B3MVT6 – *Drosophila ananassae*

B5DL69 – *Drosophila pseudoobscura pseudoobscura*

F6RC39 – *Ornithorhynchus anatinus*

A9A3G2 – *Nitrosopumilus maritimus*

B1VFB3 – *Corynebacterium urealyticum*

D5GF62 – *Tuber melanosporum*

D8TCE8 – *Selaginella moellendorffii*

D8TF48 – *Selaginella moellendorffii*

G1TJ21 – *Oryctolagus cuniculus*

A0RYC6 – *Cenarchaeum symbiosum*

H8ZE47 – *Nematocida* sp. 1

A2EUJ3 – *Trichomonas vaginalis*

E2BBH2 – *Harpegnathos saltator*

F9WCV1 – *Trypanosoma congolense*

F9W909 – *Trypanosoma congolense*

A2DUC0 – *Trichomonas vaginalis*

G7PJX1 – *Macaca fascicularis*

F6Y5Y8 – *Macaca mulatta*

E2A0Y8 – *Camponotus floridanus*

B7I0N9 – *Bacillus cereus*

Q735Z6 – *Bacillus cereus*

F0PWY6 – *Bacillus thuringiensis* subsp. *finitimus*

B7HVI8 – *Bacillus cereus*

A0BFH1 – *Paramecium tetraurelia*

G0S9L1 – *Chaetomium thermophilum*

G2QUH0 – *Thielavia terrestris*

H0Z2H8 – *Taeniopygia guttata*

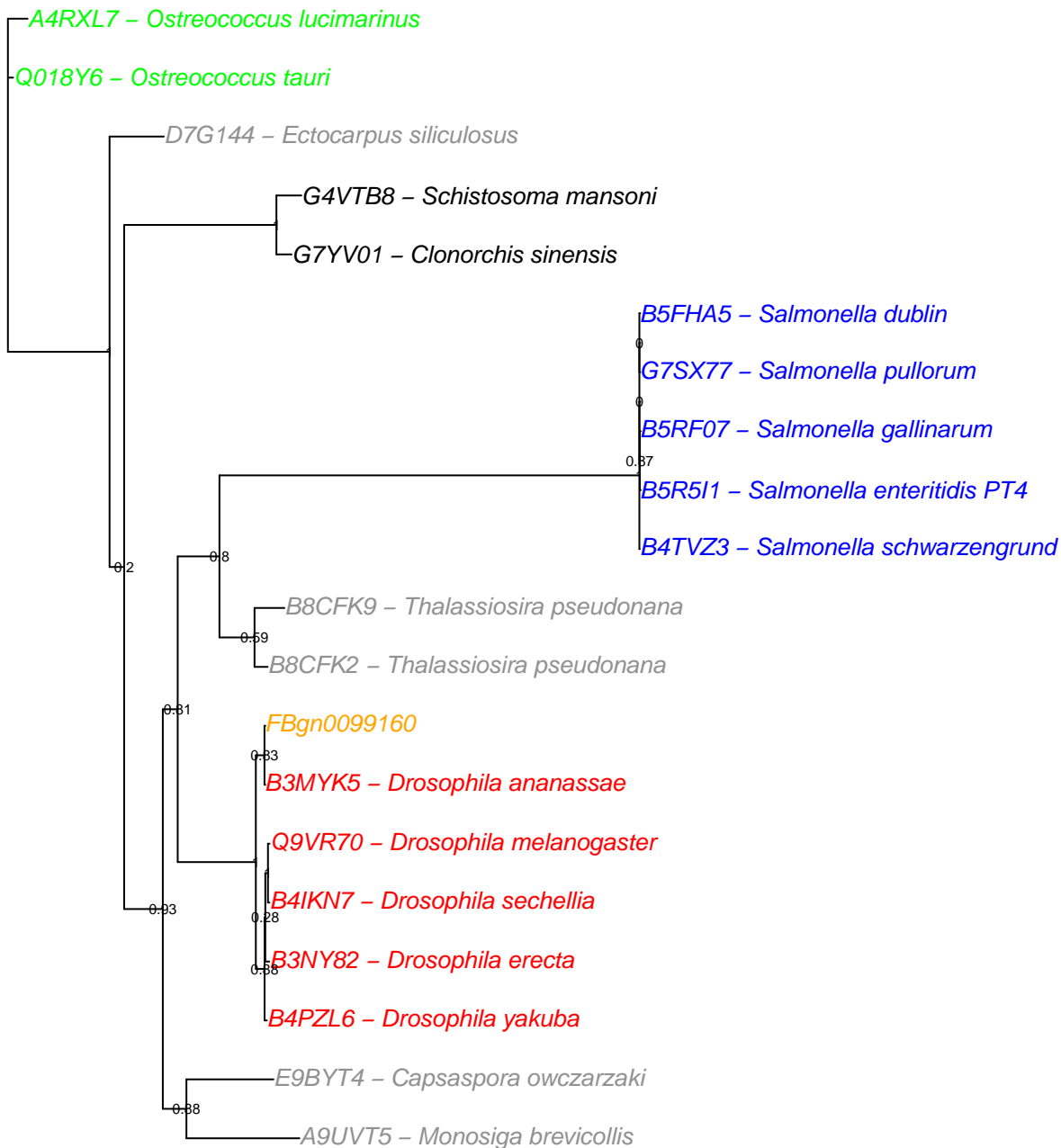
D5GEF0 – *Tuber melanosporum*

D8UBK6 – *Volvox carteri*

E0VNW8 – *Pediculus humanus* subsp. *corporis*

Q0WQM3 – *Arabidopsis thaliana*

A9SNZ3 – *Physcomitrella patens* subsp. *patens*



J1NY66 – *Oryza glaberrima*

Q7F8Q9 – *Oryza sativa subsp. japonica*

F6H511 – *Vitis vinifera*

C0LGQ5 – *Arabidopsis thaliana*

B2IUT6 – *Nostoc punctiforme*

B0CFN4 – *Acaryochloris marina*

C1FHV9 – *Micromonas sp.*

Q72U35 – *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar copenhageni

Q8F3F6 – *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar Lai

G7QMW0 – *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar Lai

G3BBH8 – *Candida tenuis*

FBgn0099014

B3MYK0 – *Drosophila ananassae*

Q0KHN6 – *Drosophila melanogaster*

B4R452 – *Drosophila simulans*

B4IKP1 – *Drosophila sechellia*

B4PZM2 – *Drosophila yakuba*

E1FPF5 – *Loa loa*

A8PV55 – *Brugia malayi*

Q18902 – *Caenorhabditis elegans*

E3LR22 – *Caenorhabditis remanei*

H2V7L8 – *Takifugu rubripes*

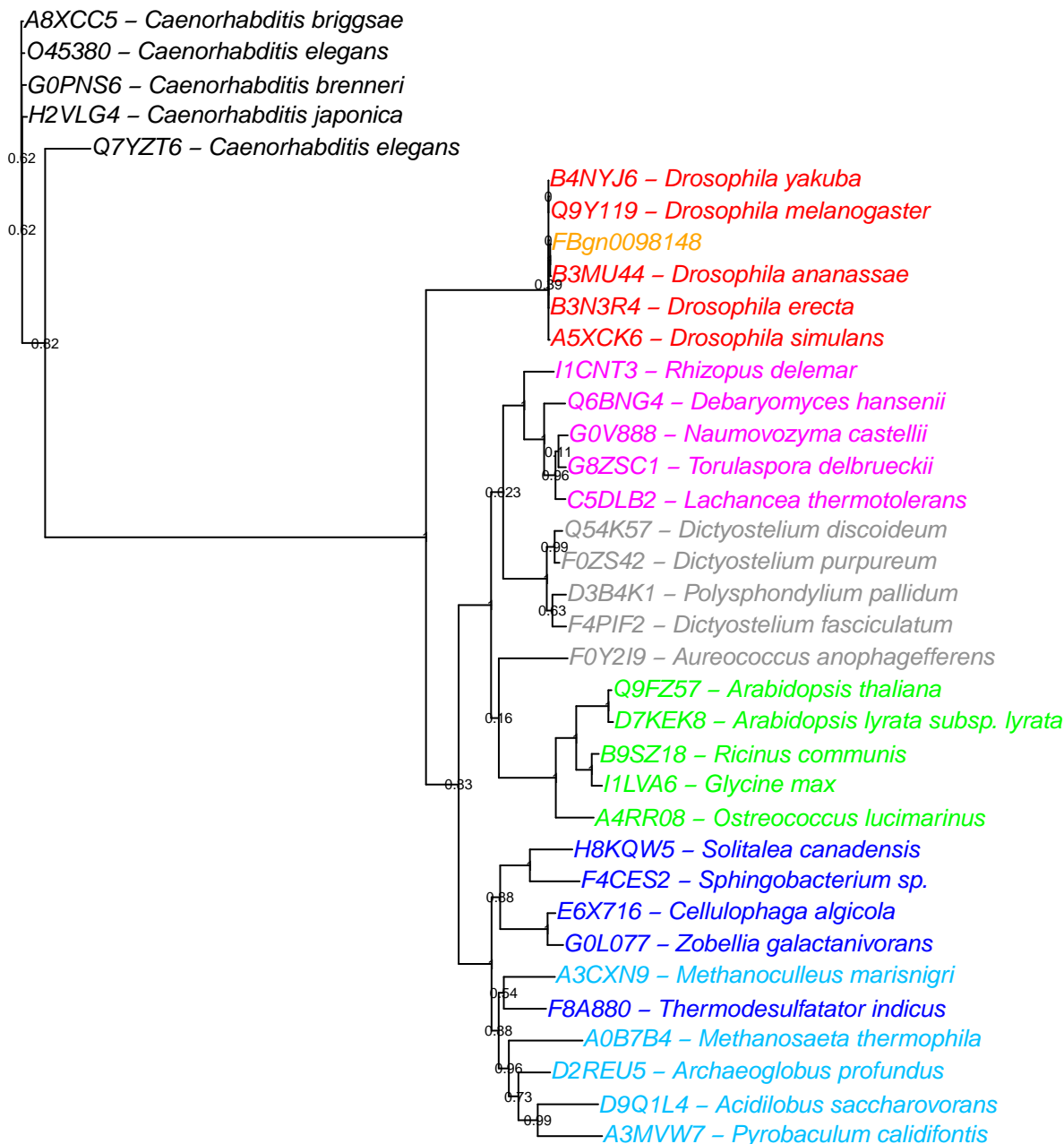
E9CAD5 – *Capsaspora owczarzaki*

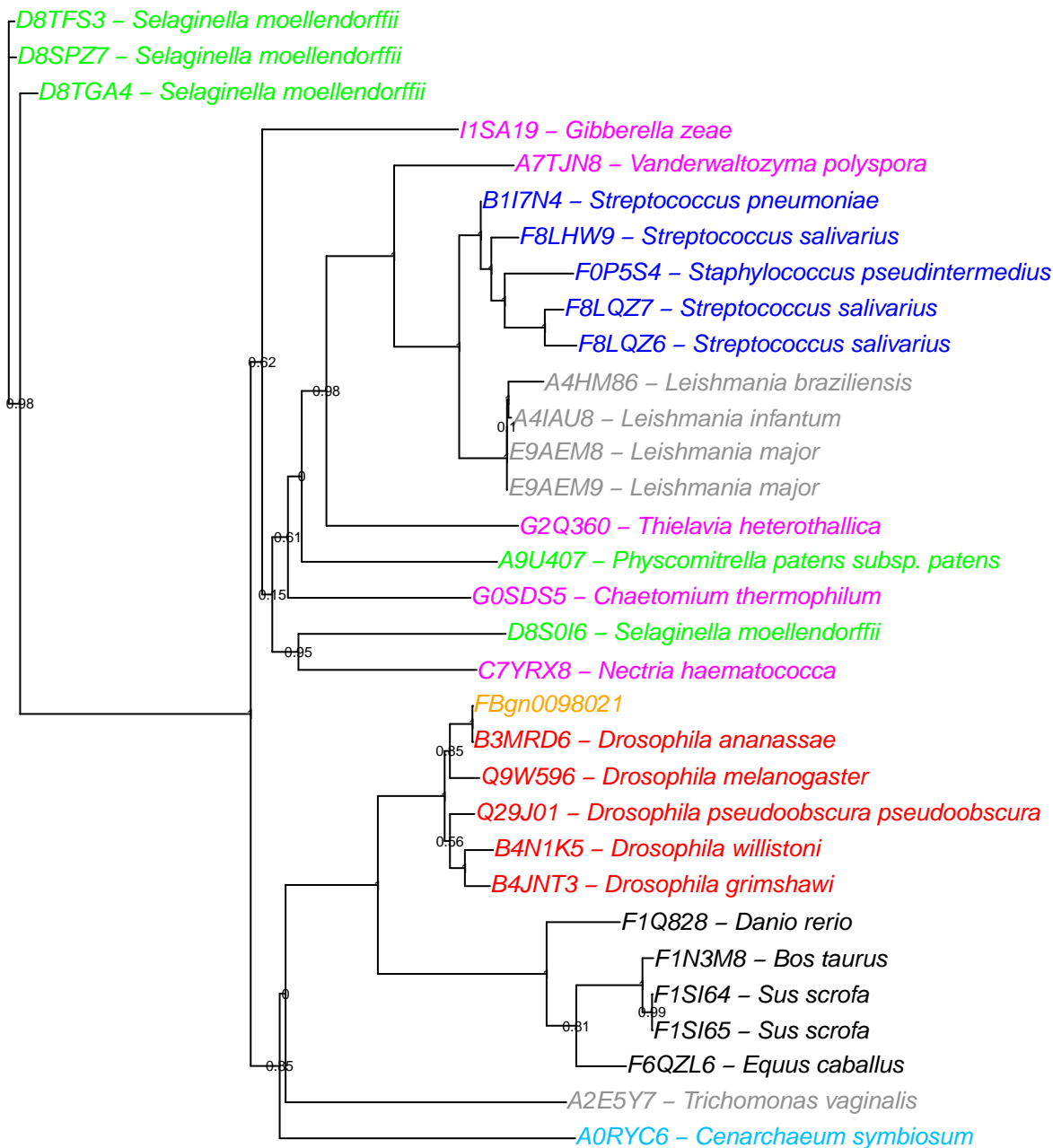
A9UZF1 – *Monosiga brevicollis*

E9CJE9 – *Capsaspora owczarzaki*

E9CIL3 – *Capsaspora owczarzaki*

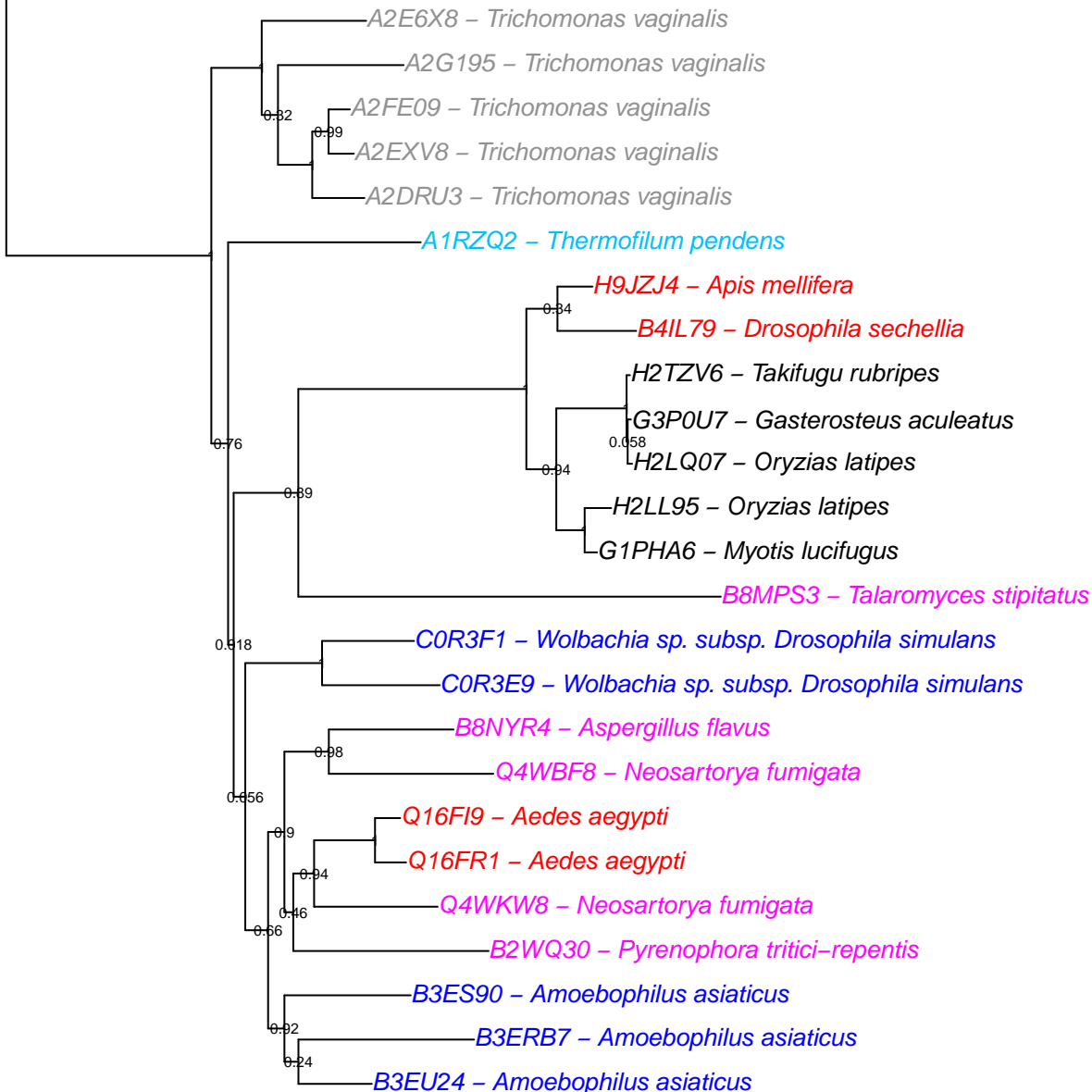
E9CF02 – *Capsaspora owczarzaki*





FBgn0096984

B3N267 – *Drosophila ananassae*

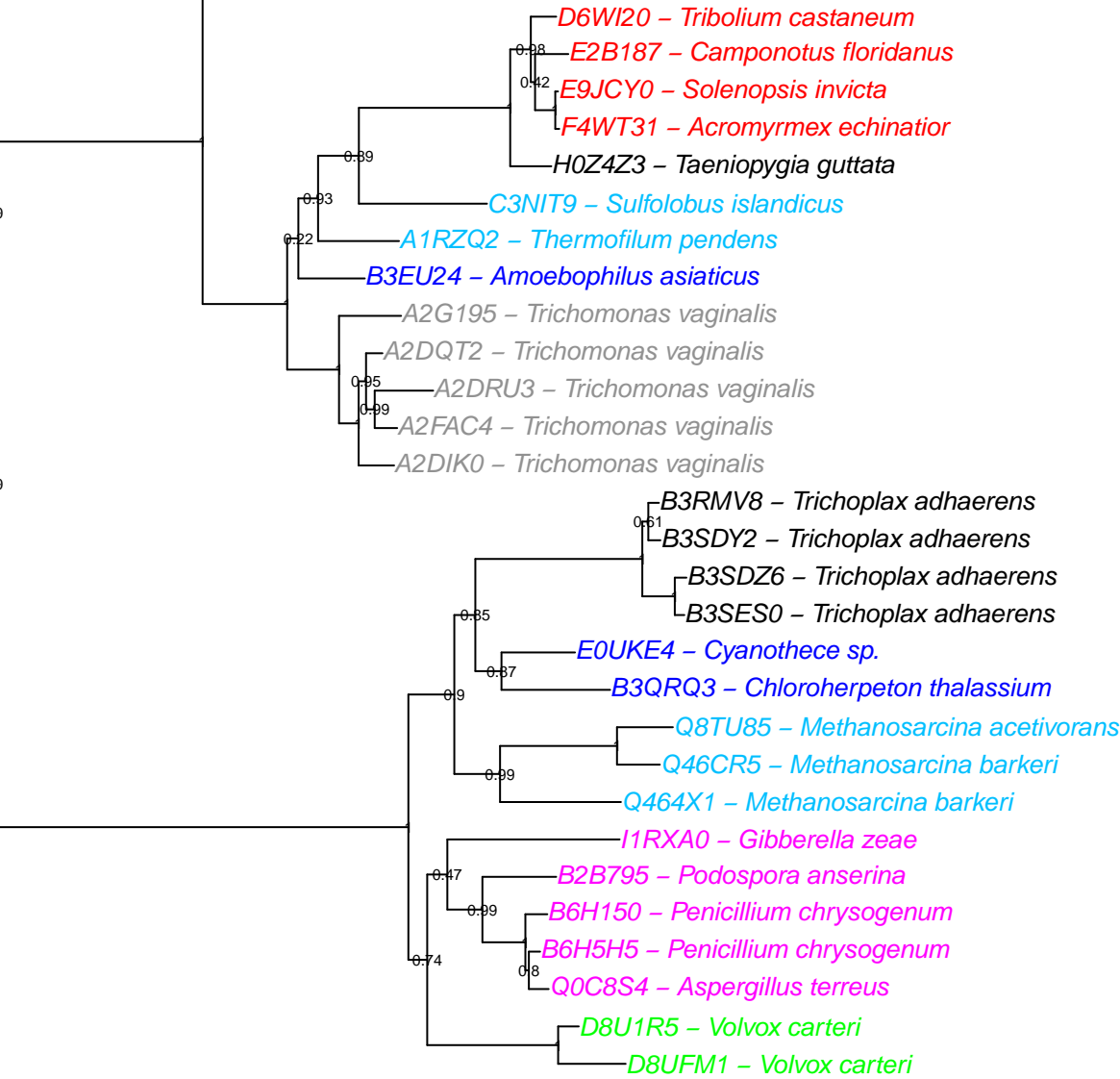


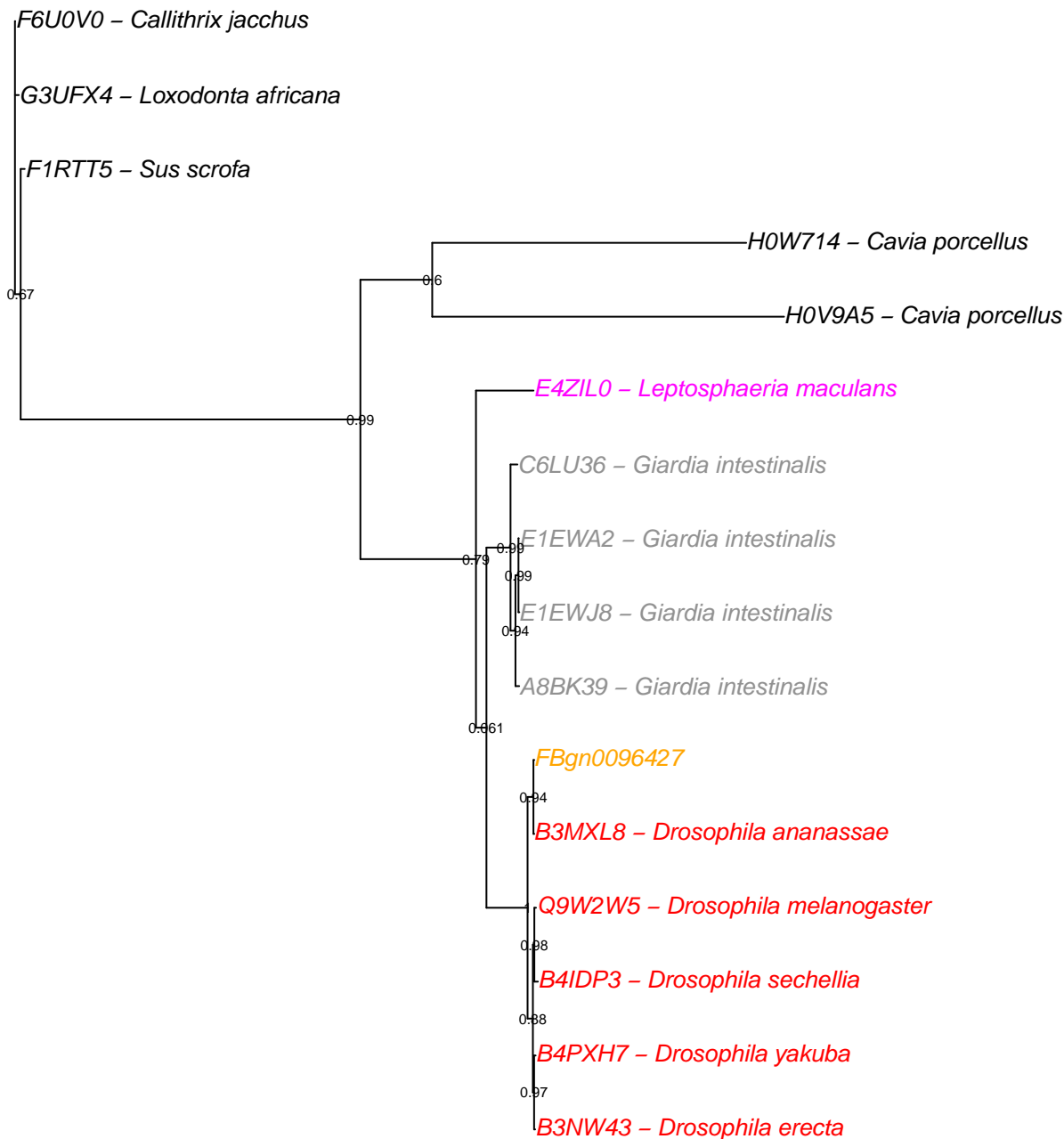
FBgn0096983

B3N268 – *Drosophila ananassae*

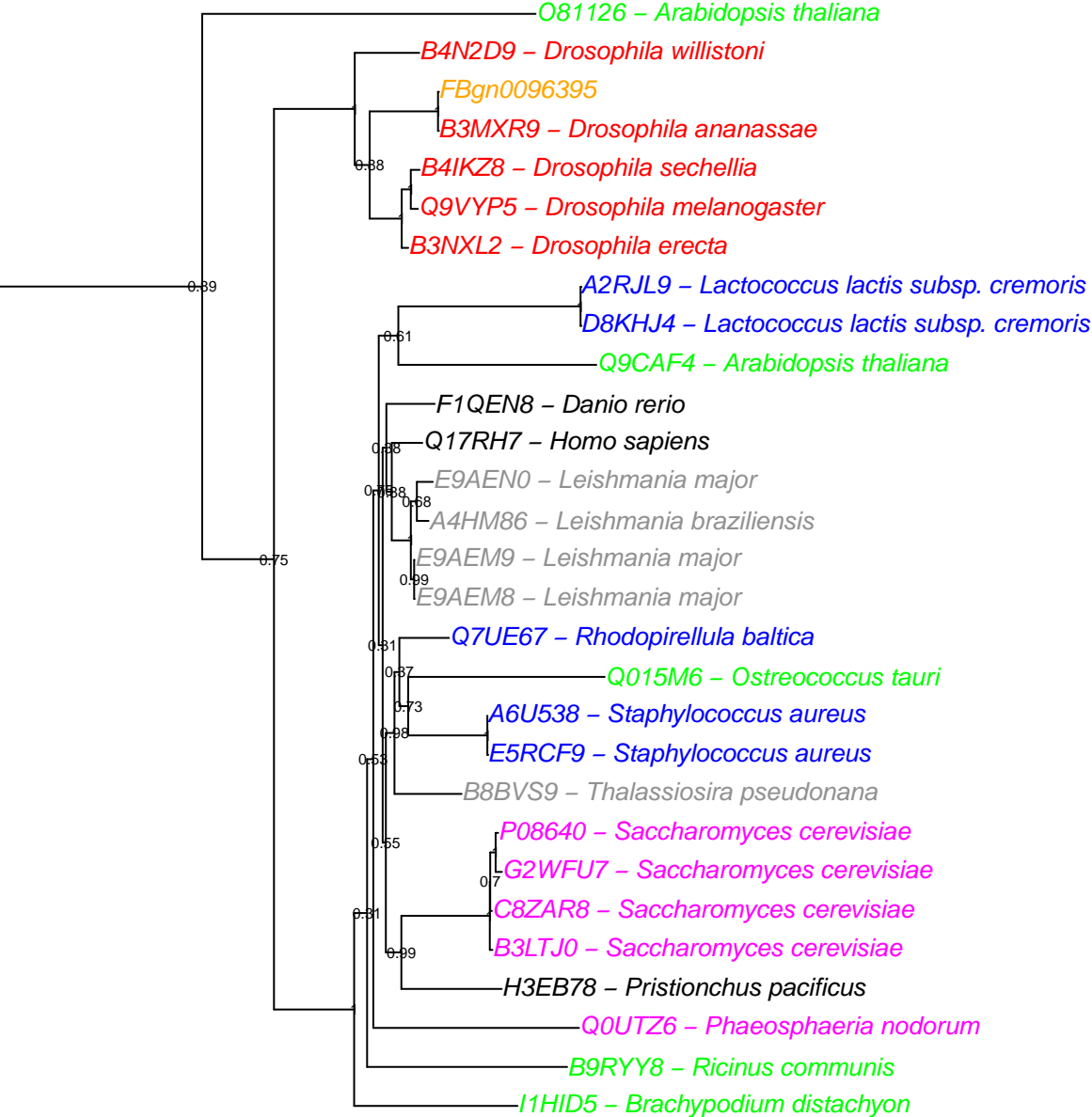
C0R3E9 – *Wolbachia* sp. subsp. *Drosophila simulans*

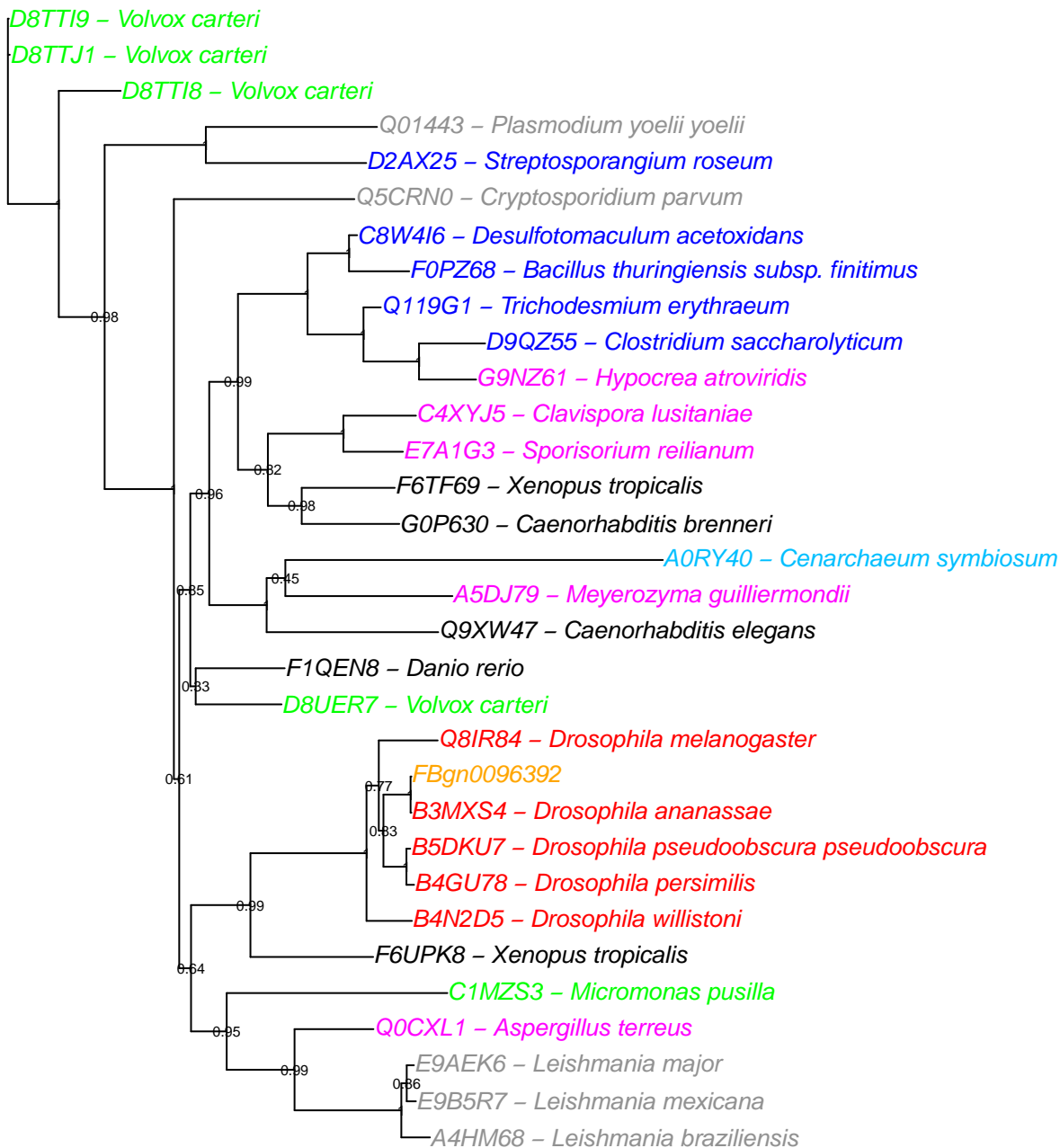
C0R3F1 – *Wolbachia* sp. subsp. *Drosophila simulans*

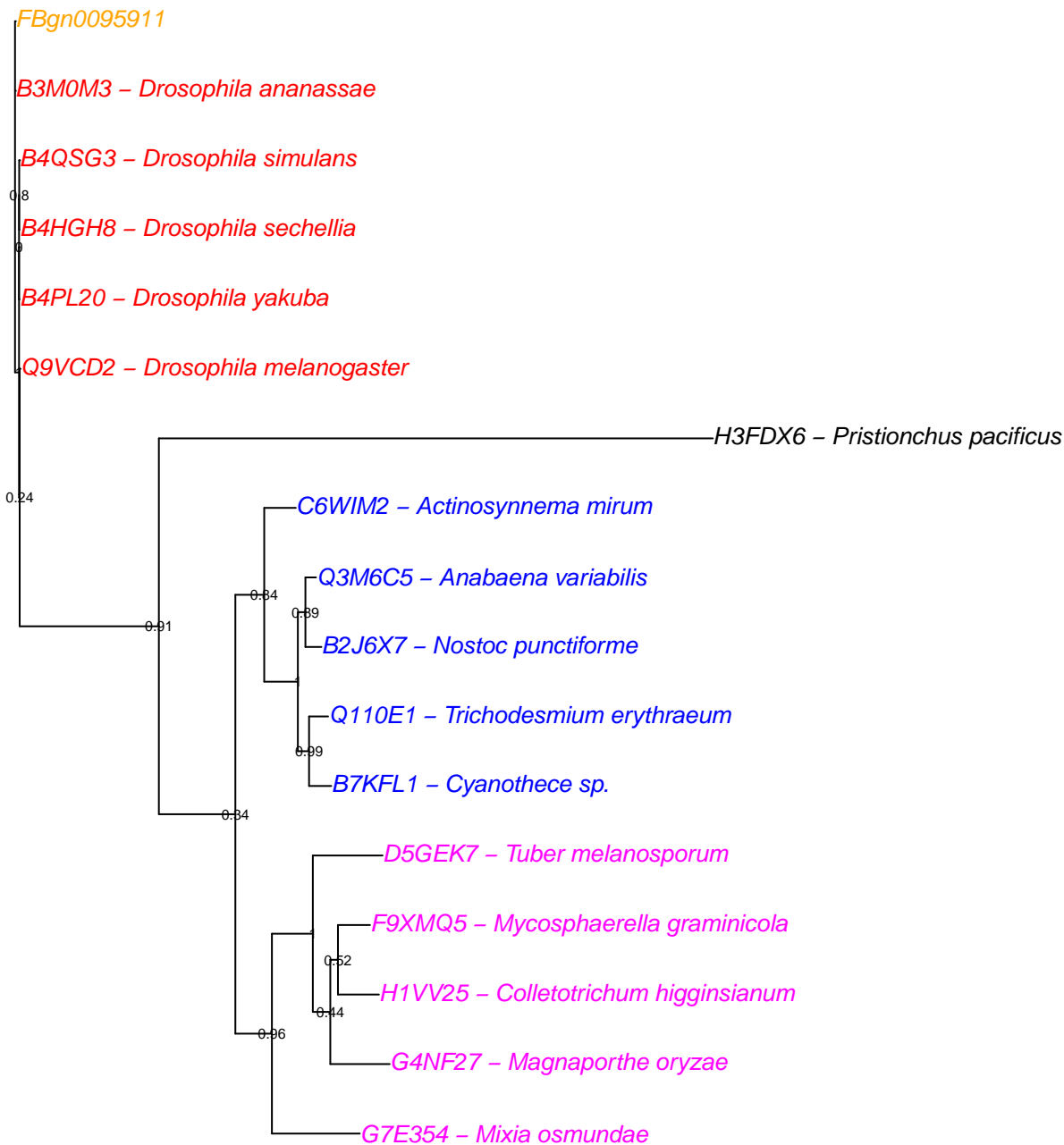




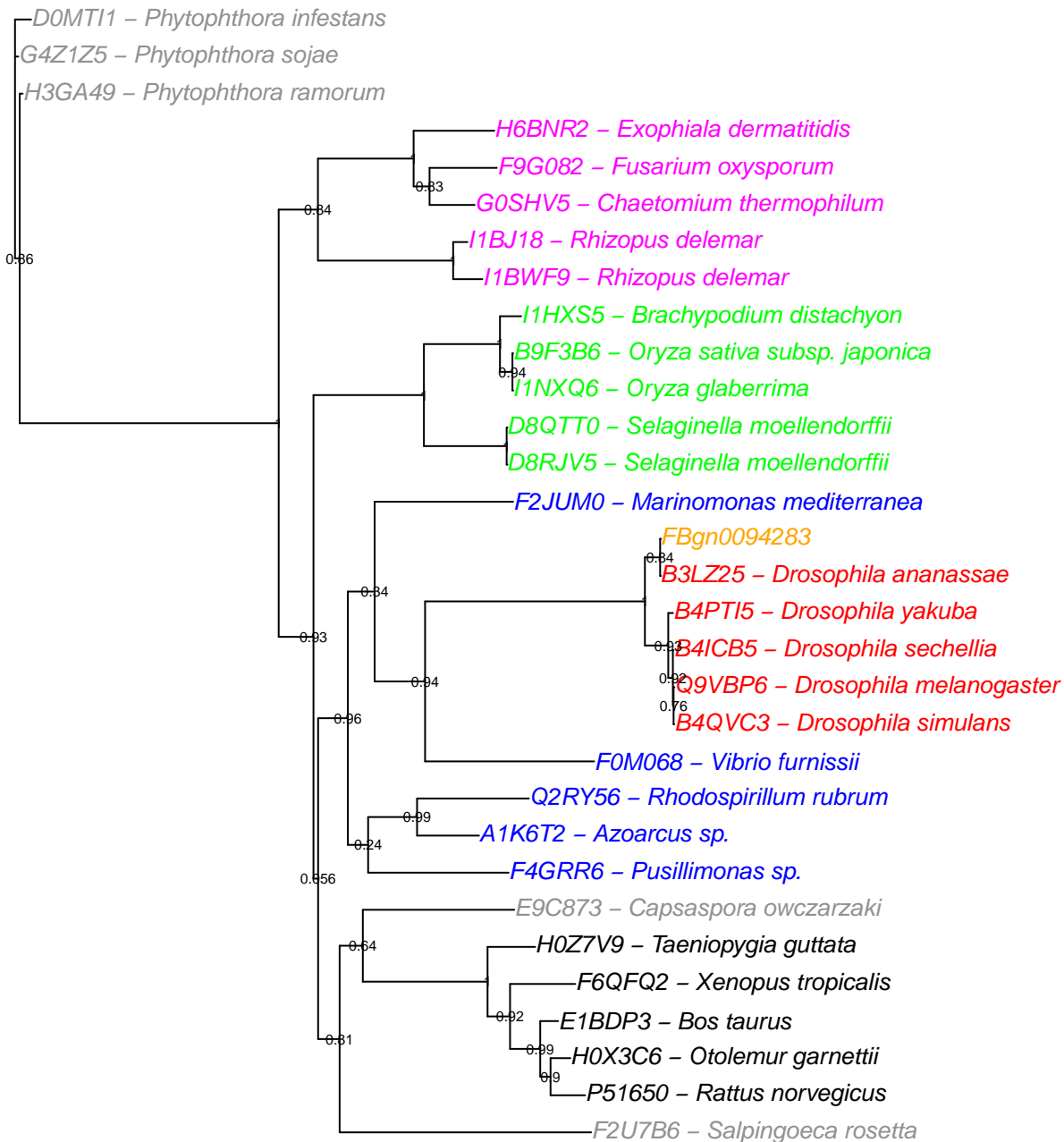
F1MBU3 – *Bos taurus*
Q6H236 – *Bos taurus*











FBgn0093534

B3M2S7 – *Drosophila ananassae*

B4PQL6 – *Drosophila yakuba*

B7Z0I8 – *Drosophila melanogaster*

B4GFB7 – *Drosophila persimilis*

B5DY44 – *Drosophila pseudoobscura pseudoobscura*

E7F681 – *Danio rerio*

G4ZZ67 – *Phytophthora sojae*

E3LJY3 – *Caenorhabditis remanei*

A8Y4K4 – *Caenorhabditis briggsae*

Q9NZW4 – *Homo sapiens*

G1REJ9 – *Nomascus leucogenys*

Q46D86 – *Methanosarcina barkeri*

Q03I02 – *Pediococcus pentosaceus*

F8LQZ6 – *Streptococcus salivarius*

F8LQZ7 – *Streptococcus salivarius*

Q8CMU7 – *Staphylococcus epidermidis*

F0P5S4 – *Staphylococcus pseudintermedius*

A7TJN8 – *Vanderwaltozyma polyspora*

F2QQI2 – *Komagataella pastoris*

E5ADY0 – *Leptosphaeria maculans*

E9ESY6 – *Metarhizium anisopliae*

F8D5E7 – *Halopiger xanaduensis*

I1NWW0 – *Oryza glaberrima*

C5XTU7 – *Sorghum bicolor*

D3SRS7 – *Natrialba magadii*

F8DC60 – *Halopiger xanaduensis*

A9U407 – *Physcomitrella patens subsp. patens*

D8S0I6 – *Selaginella moellendorffii*

D8TFS3 – *Selaginella moellendorffii*

C7YRX8 – *Nectria haematococca*

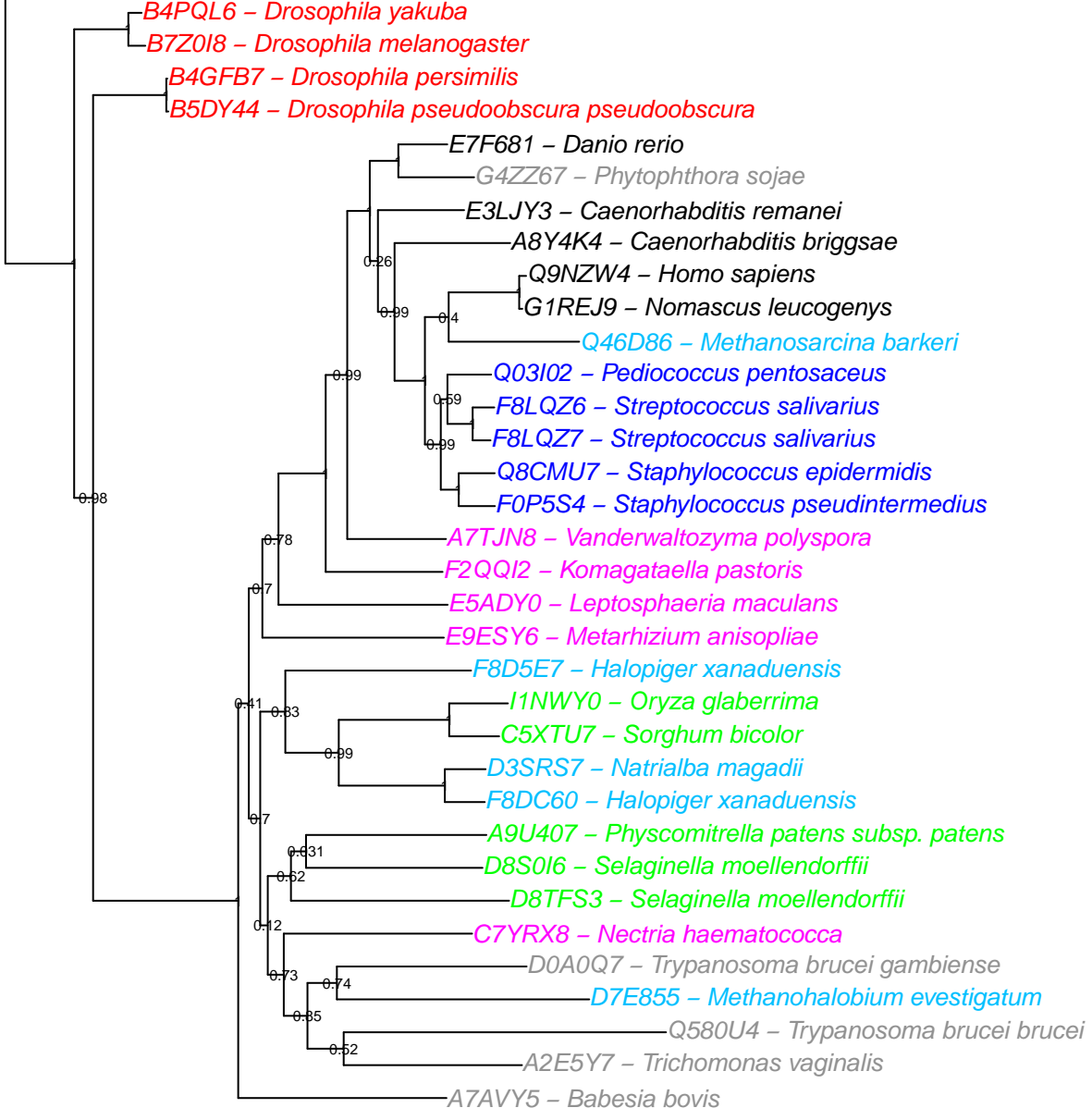
D0A0Q7 – *Trypanosoma brucei gambiense*

D7E855 – *Methanohalobium evestigatum*

Q580U4 – *Trypanosoma brucei brucei*

A2E5Y7 – *Trichomonas vaginalis*

A7AVY5 – *Babesia bovis*



Q06852 – *Clostridium thermocellum*

E6UU83 – *Clostridium thermocellum*

A5DYU9 – *Lodderomyces elongisporus*

A8Y4K4 – *Caenorhabditis briggsae*

G0N8M8 – *Caenorhabditis brenneri*

A7TJN8 – *Vanderwaltozyma polyspora*

C5KMK0 – *Perkinsus marinus*

C9Z602 – *Streptomyces scabies*

A8XU99 – *Caenorhabditis briggsae*

H3G321 – *Pristionchus pacificus*

G3JG62 – *Cordyceps militaris*

D8S0I6 – *Selaginella moellendorffii*

D7UAB3 – *Vitis vinifera*

C7YRX8 – *Nectria haematococca*

Q67VC7 – *Oryza sativa subsp. japonica*

A2E5Y7 – *Trichomonas vaginalis*

G5AHW2 – *Phytophthora sojae*

A0BFH1 – *Paramecium tetraurelia*

G7X604 – *Aspergillus kawachii*

A0LDP7 – *Magnetococcus sp.*

Q2FKR0 – *Methanospirillum hungatei JF-1*

G0HPV7 – *Haloarcula hispanica*

Q5UYY3 – *Haloarcula marismortui*

FBgn0093340

B3LWZ3 – *Drosophila ananassae*

B3P6U5 – *Drosophila erecta*

B4PV00 – *Drosophila yakuba*

Q9VC00 – *Drosophila melanogaster*

B5DVG8 – *Drosophila pseudoobscura pseudoobscura*

D5AFN2 – *Streptococcus suis*

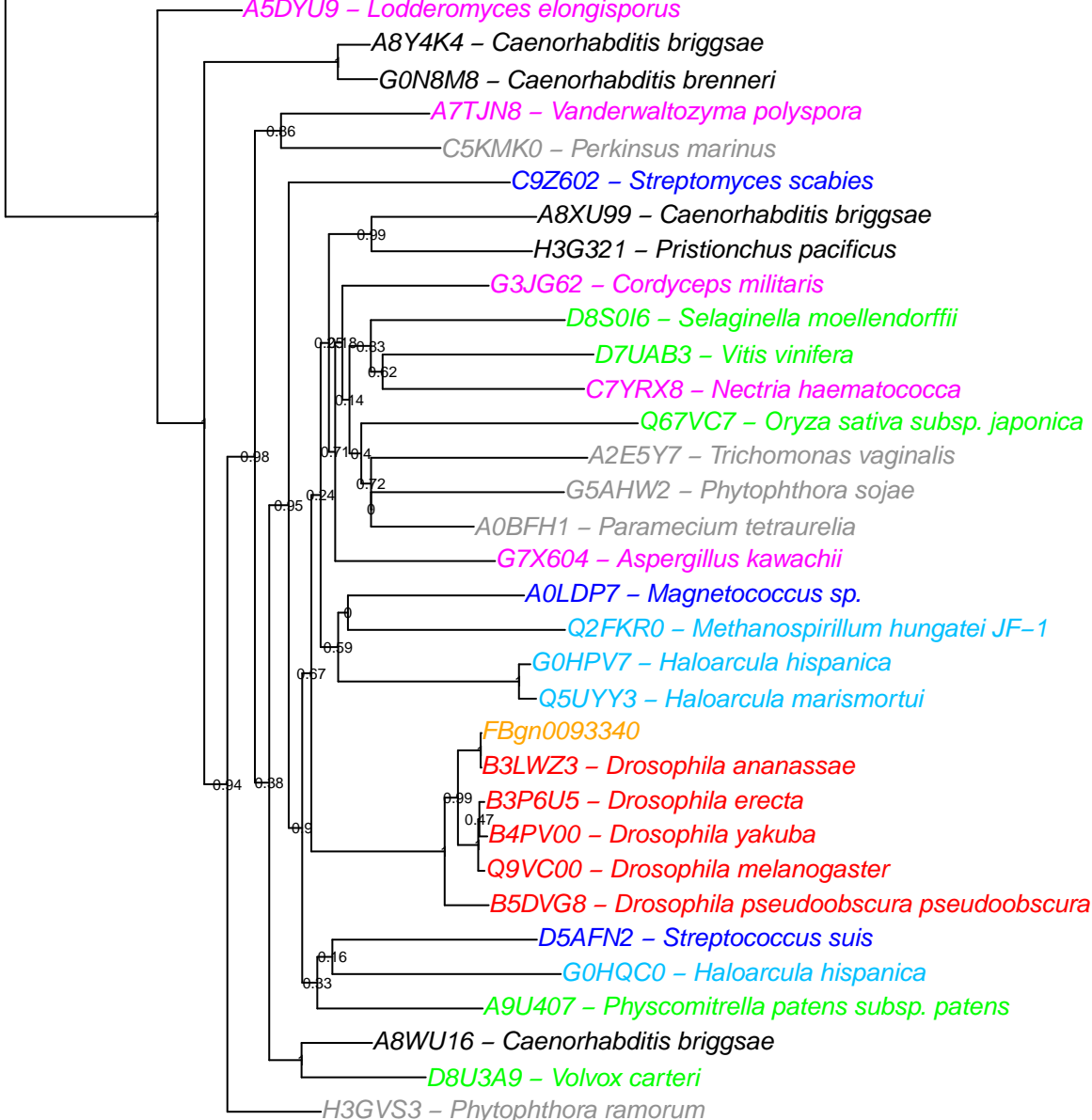
G0HQC0 – *Haloarcula hispanica*

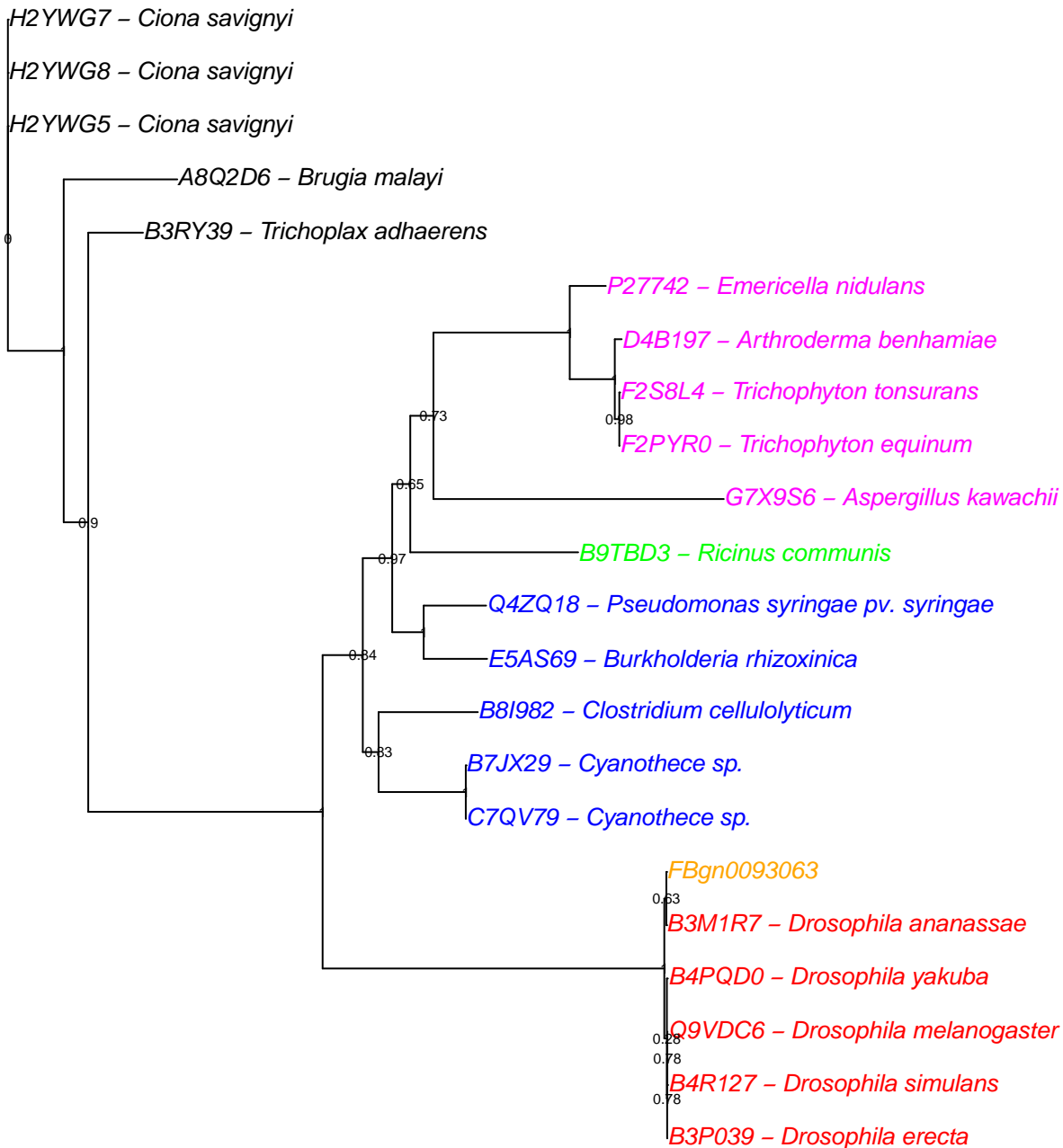
A9U407 – *Physcomitrella patens subsp. patens*

A8WU16 – *Caenorhabditis briggsae*

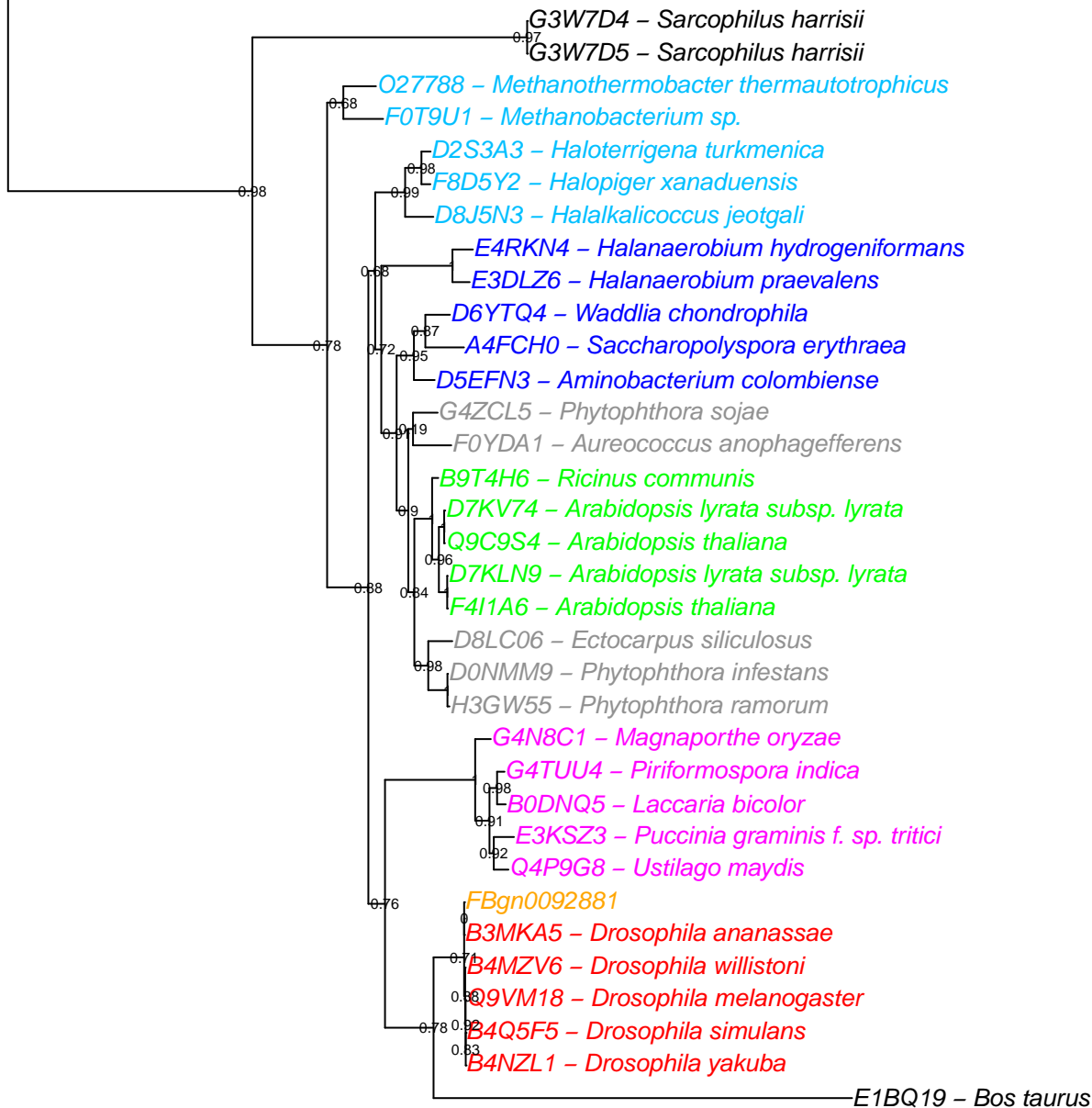
D8U3A9 – *Volvox carteri*

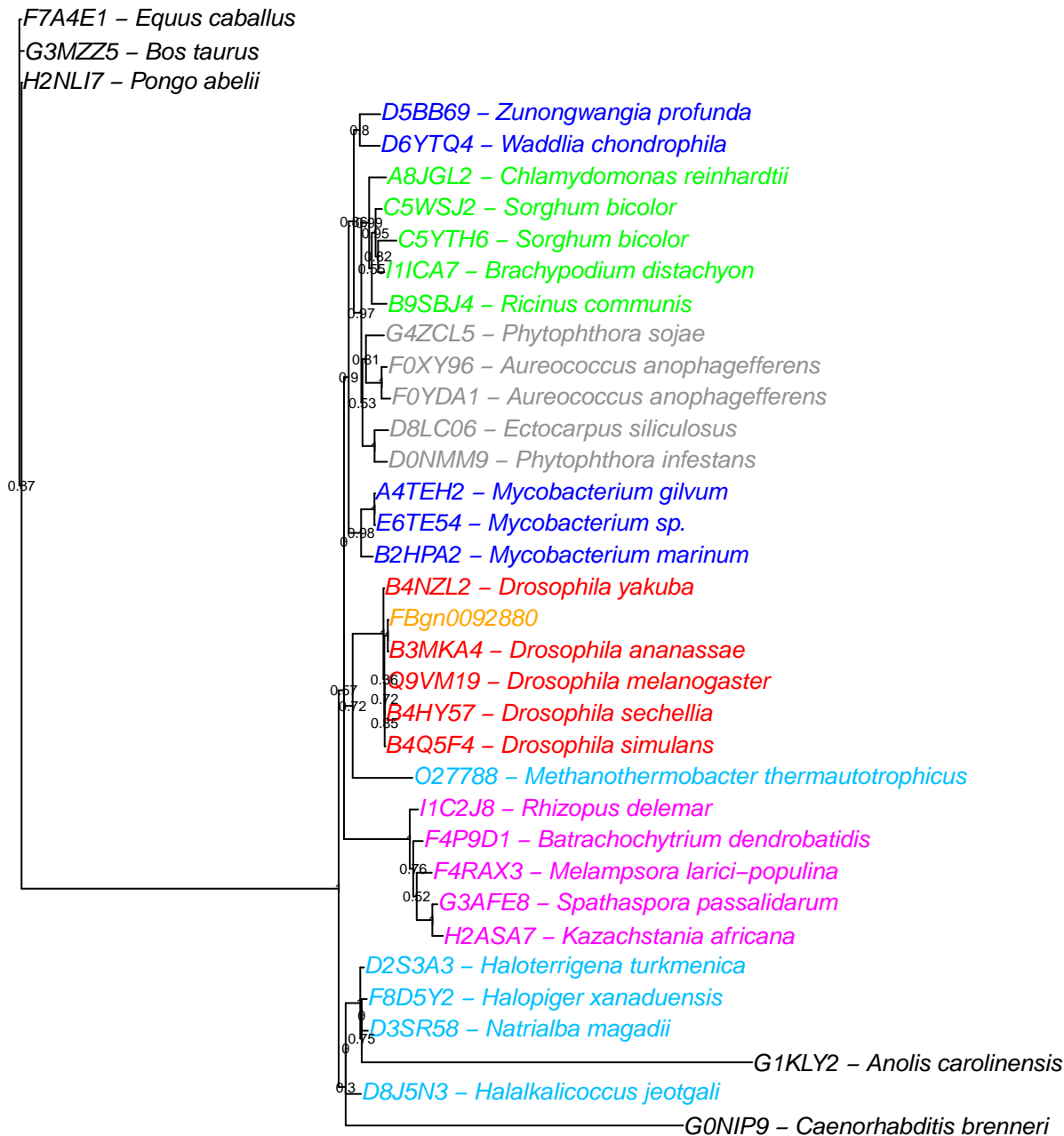
H3GVS3 – *Phytophthora ramorum*





F6SNM3 – *Xenopus tropicalis*
F7DKJ4 – *Xenopus tropicalis*





FBgn0092630

B3MMT0 – *Drosophila ananassae*

B4GX46 – *Drosophila persimilis*

B4P0H4 – *Drosophila yakuba*

B4Q5G0 – *Drosophila simulans*

0.93

B4HXD3 – *Drosophila sechellia*

0.93

C9SXZ4 – *Verticillium alfalfae*

F9G6L4 – *Fusarium oxysporum*

F1Q5X7 – *Danio rerio*

0.98

H2L335 – *Oryzias latipes*

0.98

H2MPX2 – *Oryzias latipes*

0.96

H3ADH5 – *Latimeria chalumnae*

0.55

D4AEB5 – *Rattus norvegicus*

0.97

D2VED4 – *Naegleria gruberi*

0.97

D2W009 – *Naegleria gruberi*

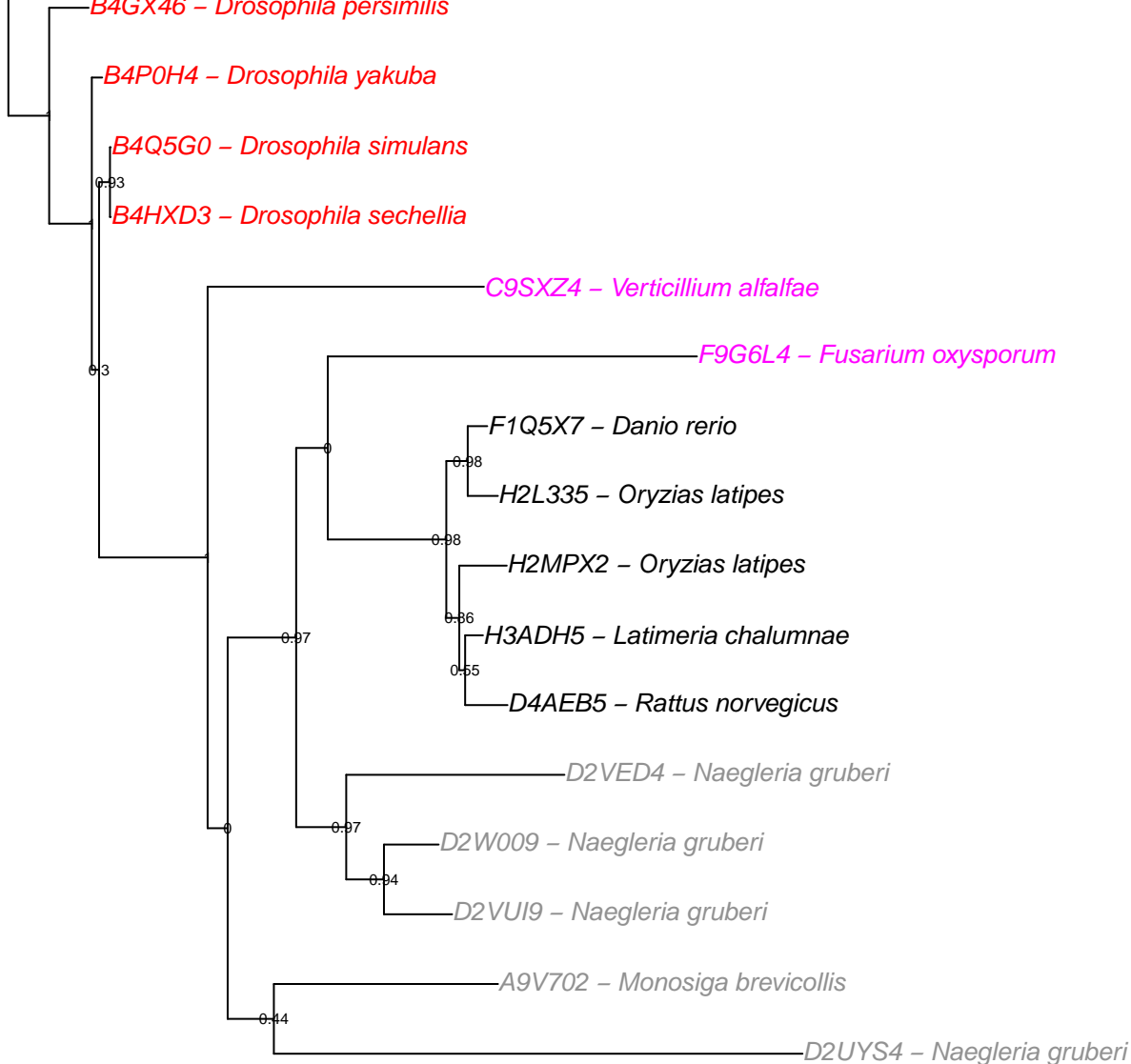
0.94

D2VUI9 – *Naegleria gruberi*

A9V702 – *Monosiga brevicollis*

0.44

D2UYS4 – *Naegleria gruberi*



FBgn0092415

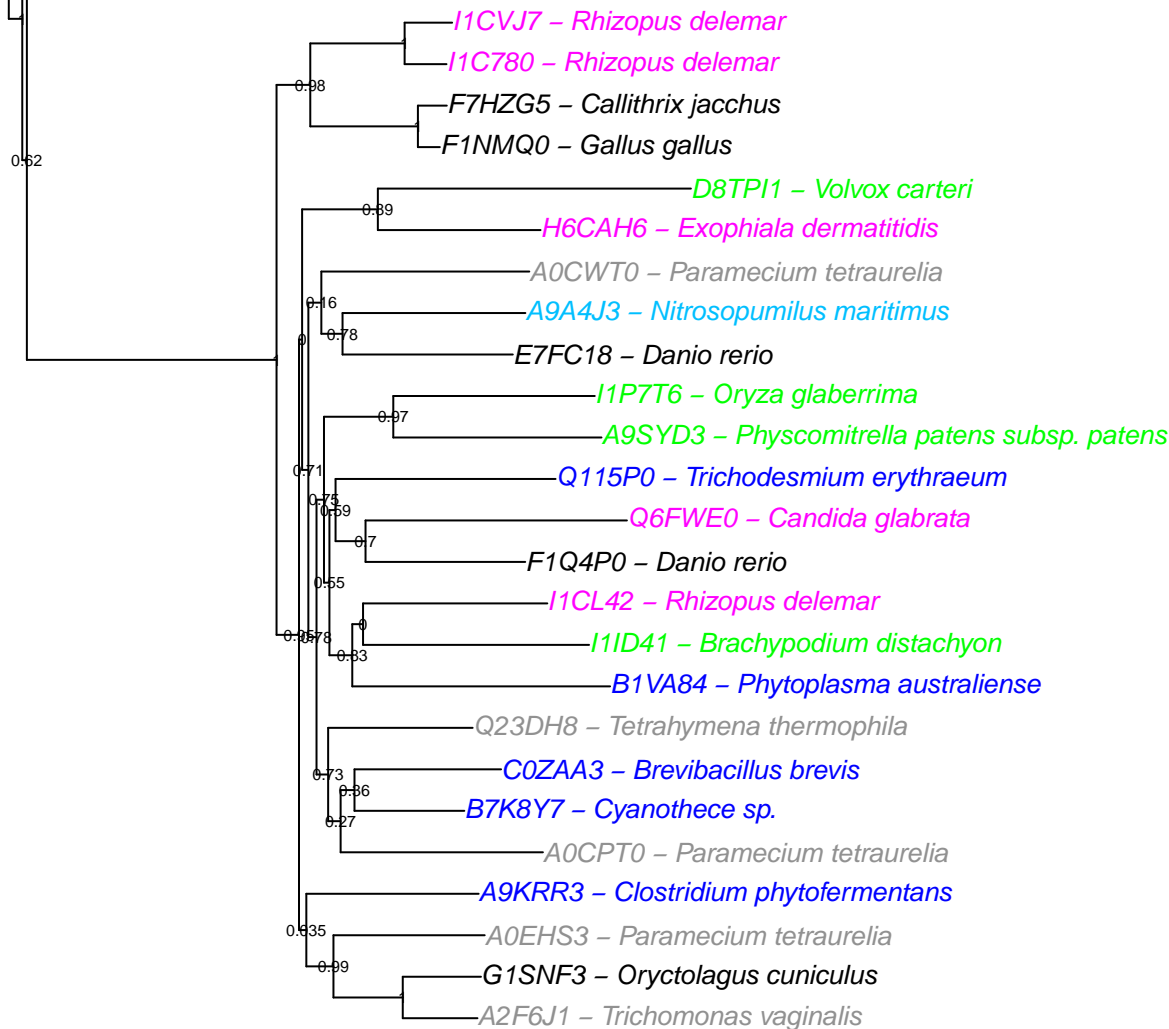
B3MK84 – *Drosophila ananassae*

Q29JP7 – *Drosophila pseudoobscura pseudoobscura*

B4GJC2 – *Drosophila persimilis*

B4Q4M6 – *Drosophila simulans*

B4P0E2 – *Drosophila yakuba*



C4R5P3 – *Komagataella pastoris*

F2QVA0 – *Komagataella pastoris*

A8Q0A2 – *Malassezia globosa*

Q73CC7 – *Bacillus cereus*

D3RLA1 – *Klebsiella variicola*

Q0RGF7 – *Frankia alni*

Q74HA8 – *Lactobacillus johnsonii*

P15941 – *Homo sapiens*

D8TWY7 – *Volvox carteri*

A8JBS3 – *Chlamydomonas reinhardtii*

A8AWJ3 – *Streptococcus gordonii*

A3KQA5 – *Danio rerio*

H3A4P2 – *Latimeria chalumnae*

Q5EB30 – *Xenopus tropicalis*

G1K3H4 – *Xenopus tropicalis*

D5GF62 – *Tuber melanosporum*

FBgn0092294

B3MPH1 – *Drosophila ananassae*

B3N731 – *Drosophila erecta*

B4HYH6 – *Drosophila sechellia*

Q7KT16 – *Drosophila melanogaster*

B4JBV3 – *Drosophila grimshawi*

A2DIL3 – *Trichomonas vaginalis*

A9S7K5 – *Physcomitrella patens subsp. patens*

E1F8B9 – *Giardia intestinalis*

A8B9W3 – *Giardia intestinalis*

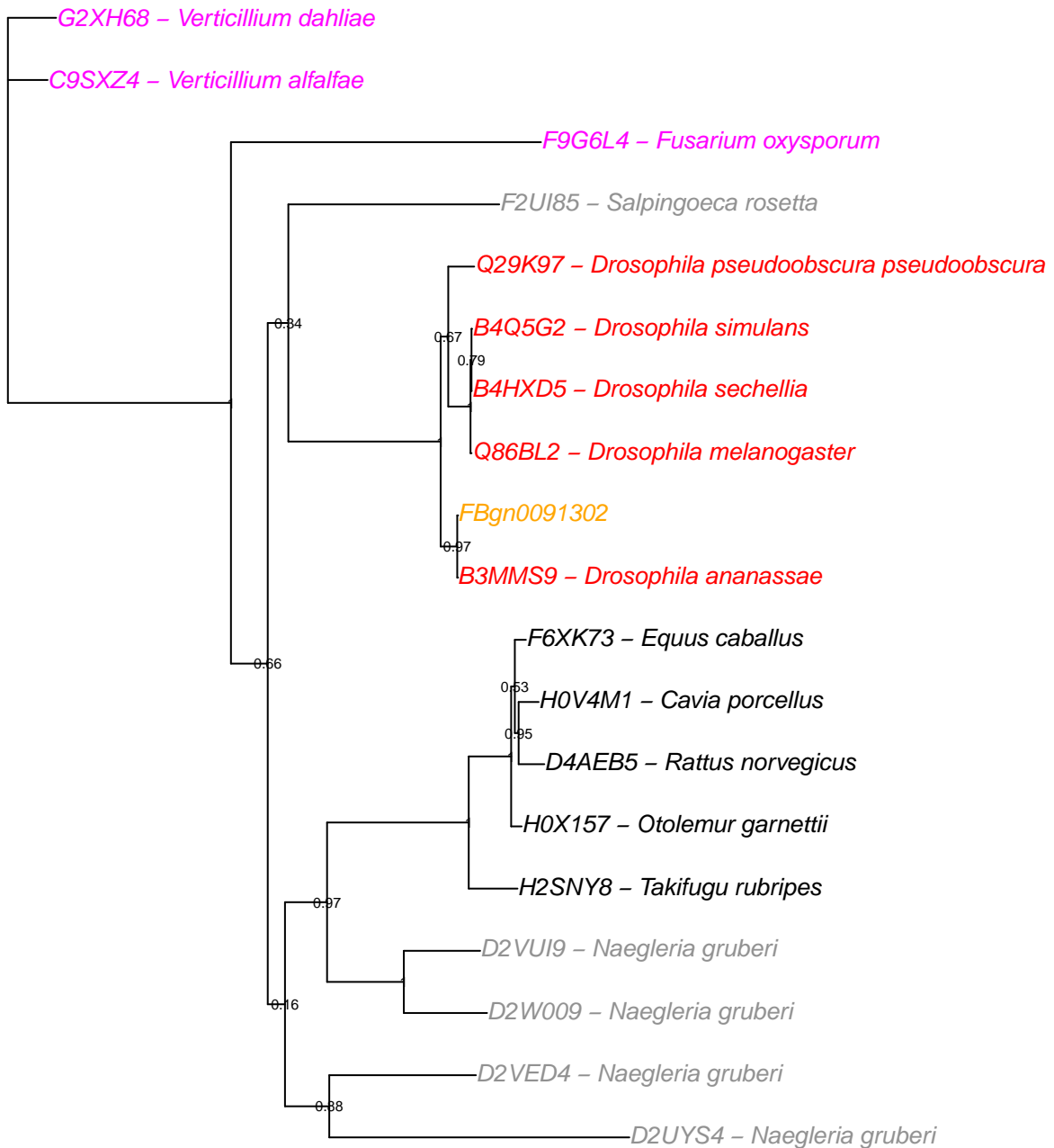
D8TD24 – *Selaginella moellendorffii*

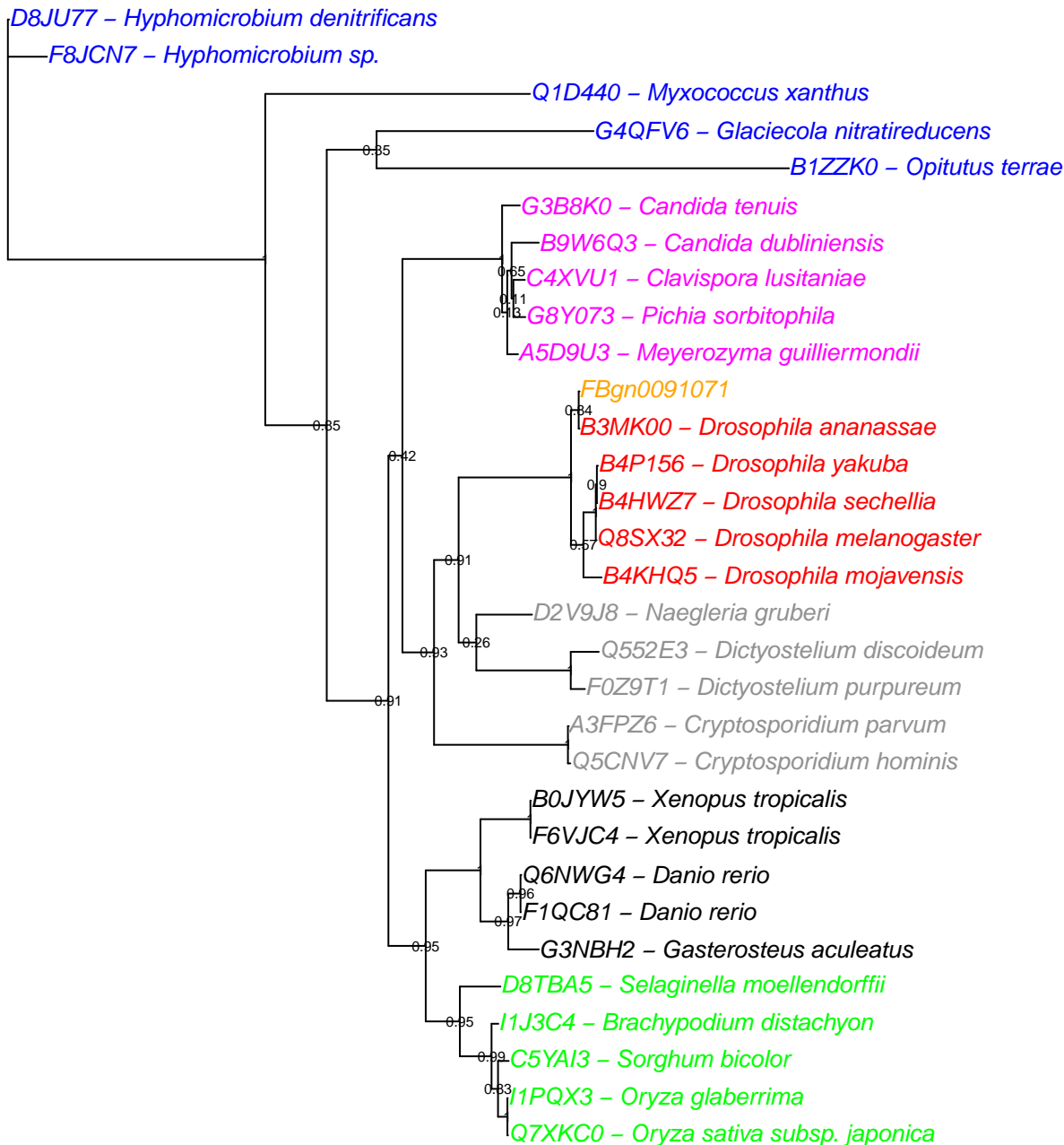
D8T0W0 – *Selaginella moellendorffii*

Q57XU0 – *Trypanosoma brucei brucei*

C9ZUB1 – *Trypanosoma brucei gambiense*

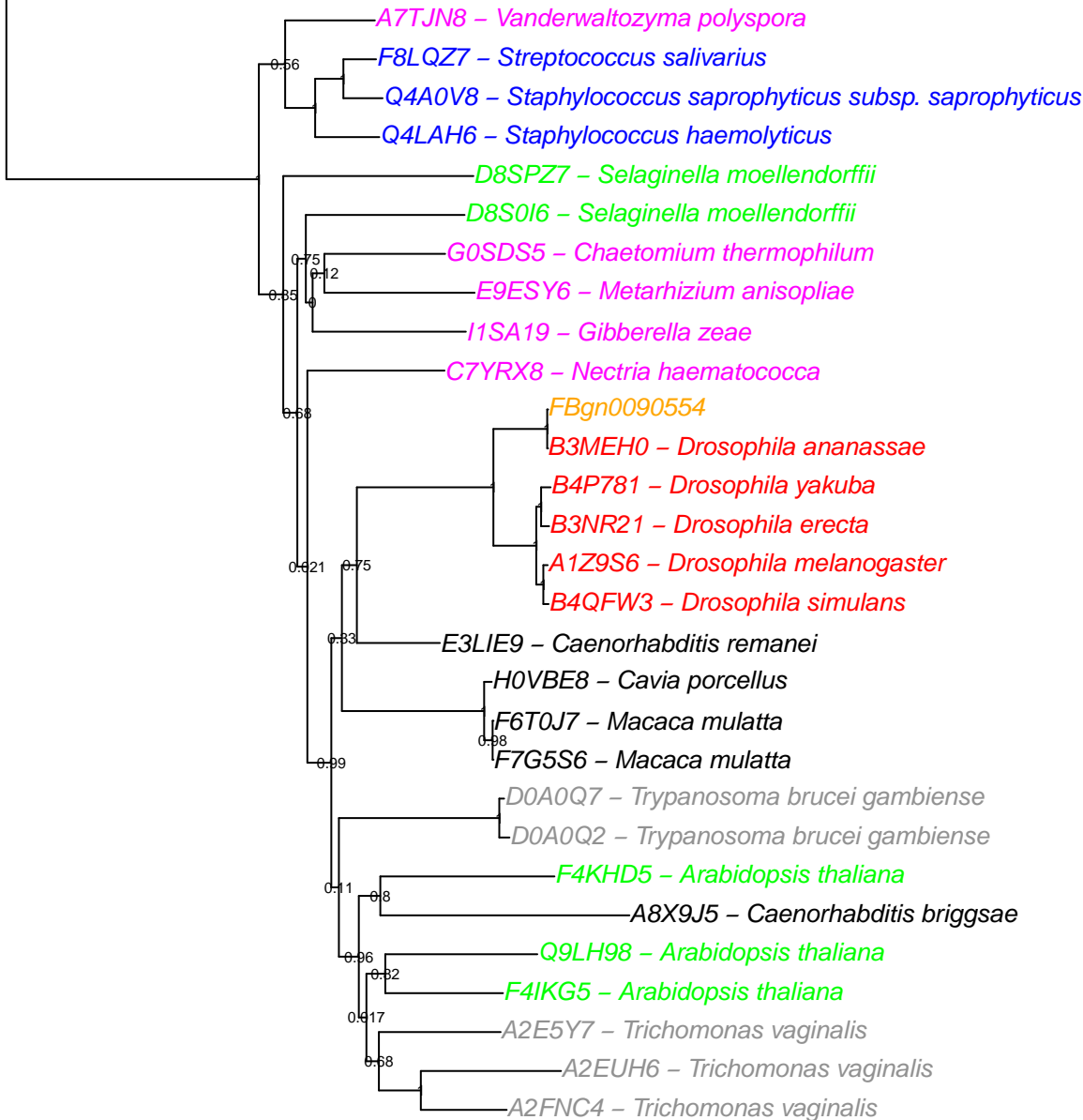
F4NS52 – *Batrachochytrium dendrobatidis*



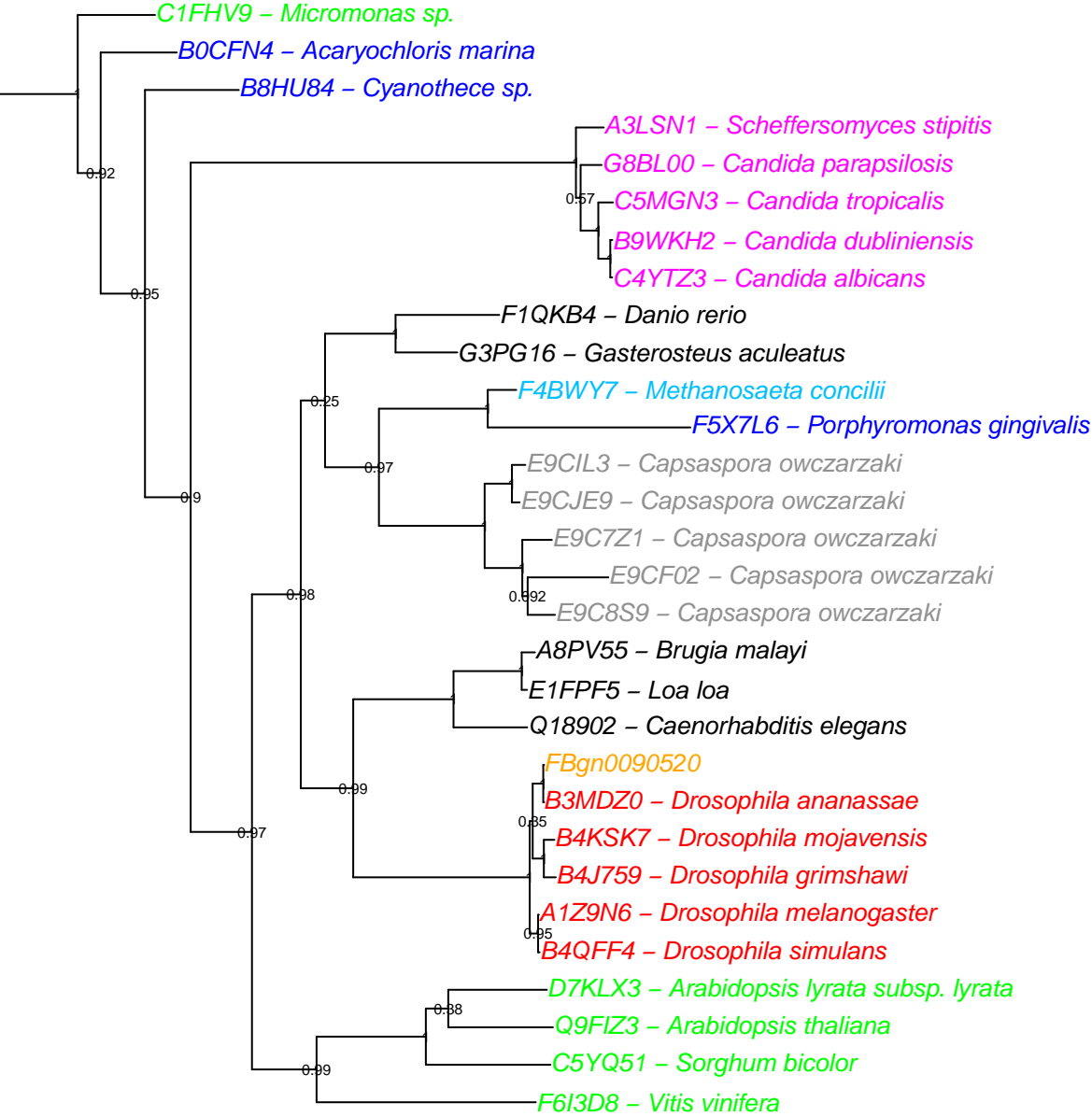


Q06852 – *Clostridium thermocellum*

E6UU83 – *Clostridium thermocellum*



Q8F3F6 – *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar Lai
G7QMW0 – *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar Lai



A1D120 – *Neosartorya fischeri*

Q8J130 – *Neosartorya fumigata*

Q5AXC0 – *Emericella nidulans*

F2JZ85 – *Marinomonas mediterranea*

C6VUT6 – *Dyadobacter fermentans*

Q39ND4 – *Burkholderia* sp.

G1XQQ0 – *Arthrobotrys oligospora*

Q92LD3 – *Rhizobium meliloti*

C8VJQ3 – *Emericella nidulans*

H2YIQ9 – *Ciona savignyi*

F6ZCA2 – *Ciona intestinalis*

F6R1G5 – *Ciona intestinalis*

H2Y222 – *Ciona intestinalis*

H2ZA56 – *Ciona savignyi*

B4HSD9 – *Drosophila sechellia*

B4P3V6 – *Drosophila yakuba*

B4GHX8 – *Drosophila persimilis*

Q28ZC9 – *Drosophila pseudoobscura pseudoobscura*

FBgn0089750

B3MI87 – *Drosophila ananassae*

F4PJL8 – *Dictyostelium fasciculatum*

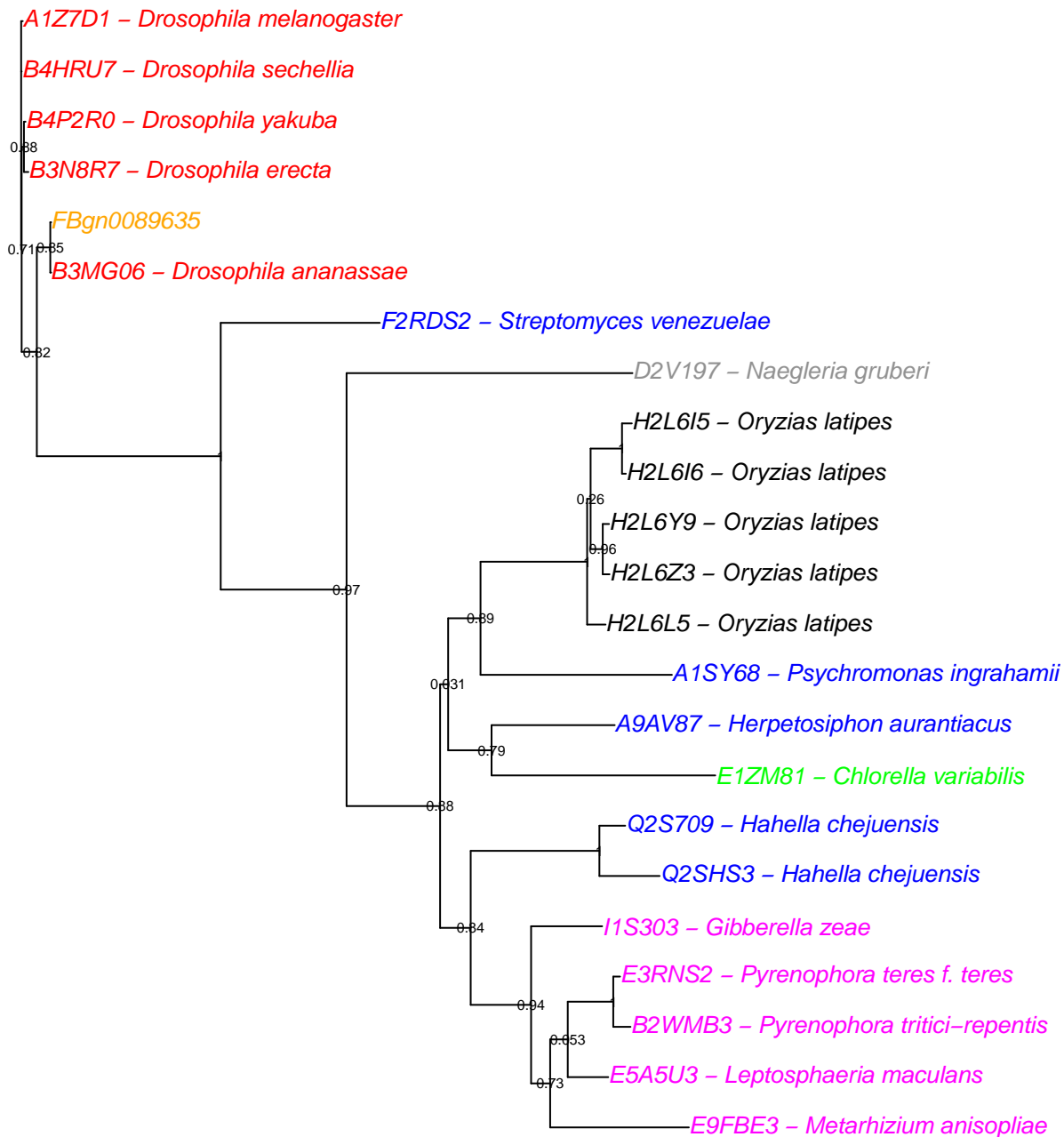
D3B8Y7 – *Polysphondylium pallidum*

F0Y9F1 – *Aureococcus anophagefferens*

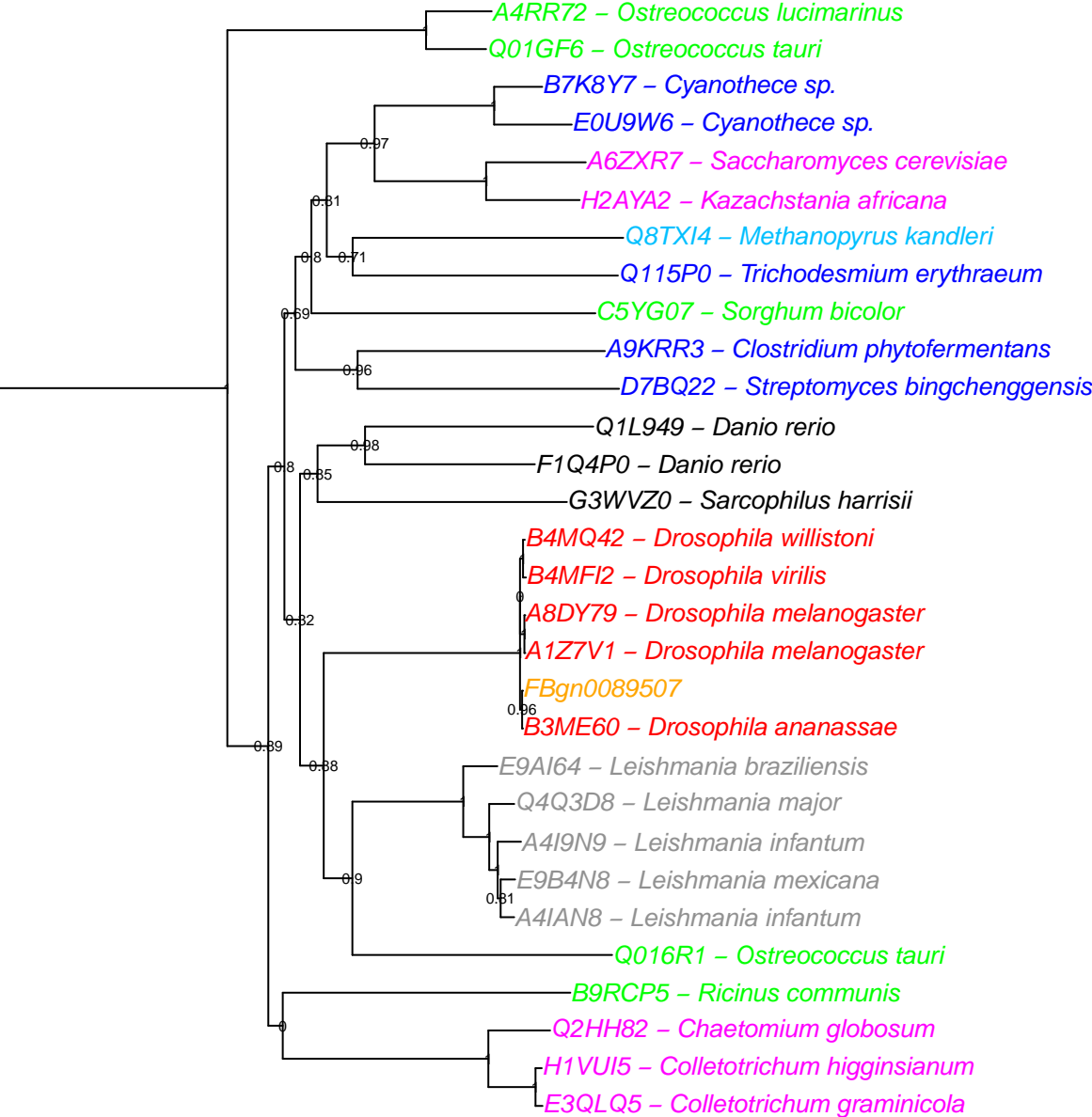
I1I0X8 – *Brachypodium distachyon*

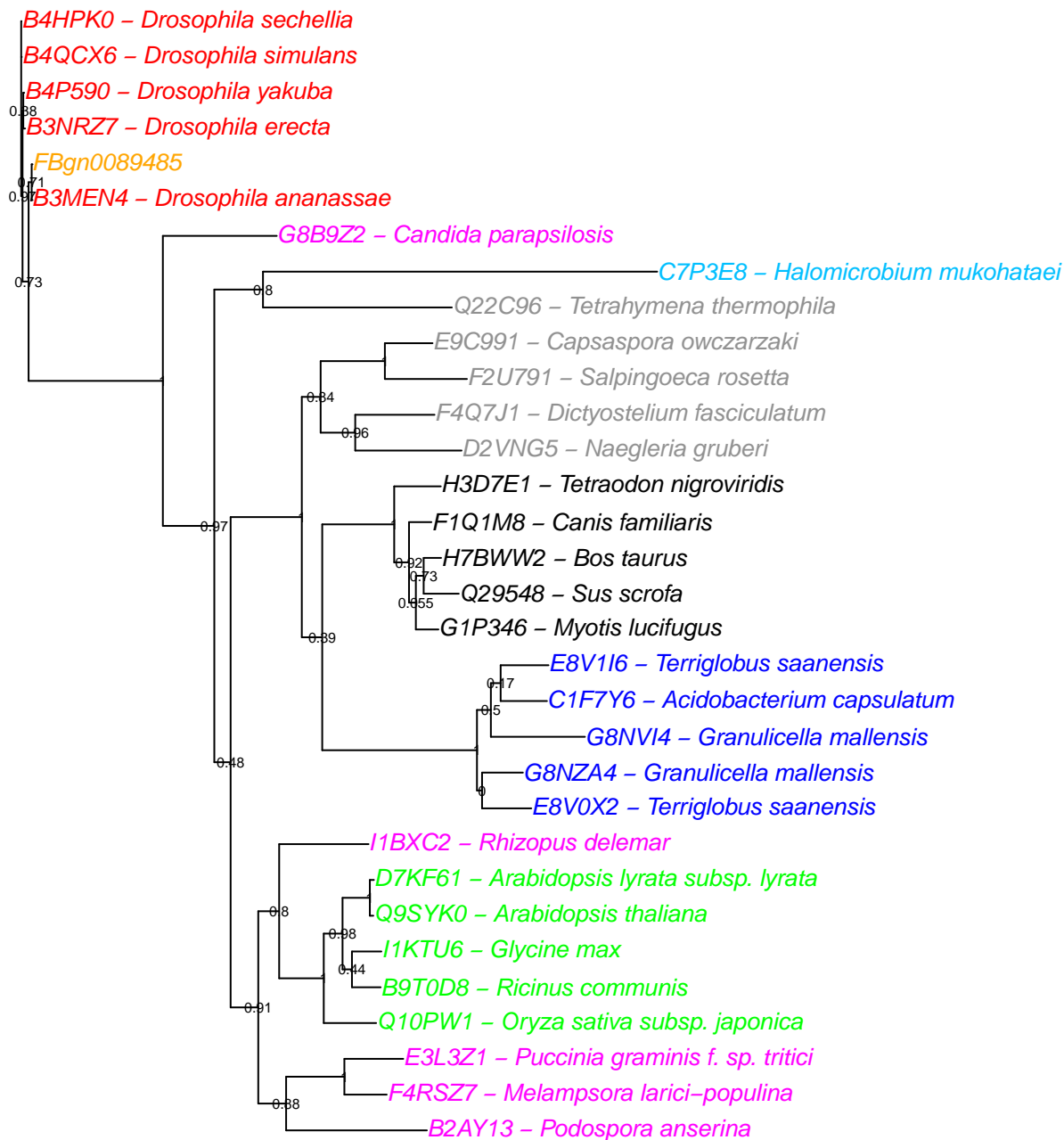
I1KLG6 – *Glycine max*

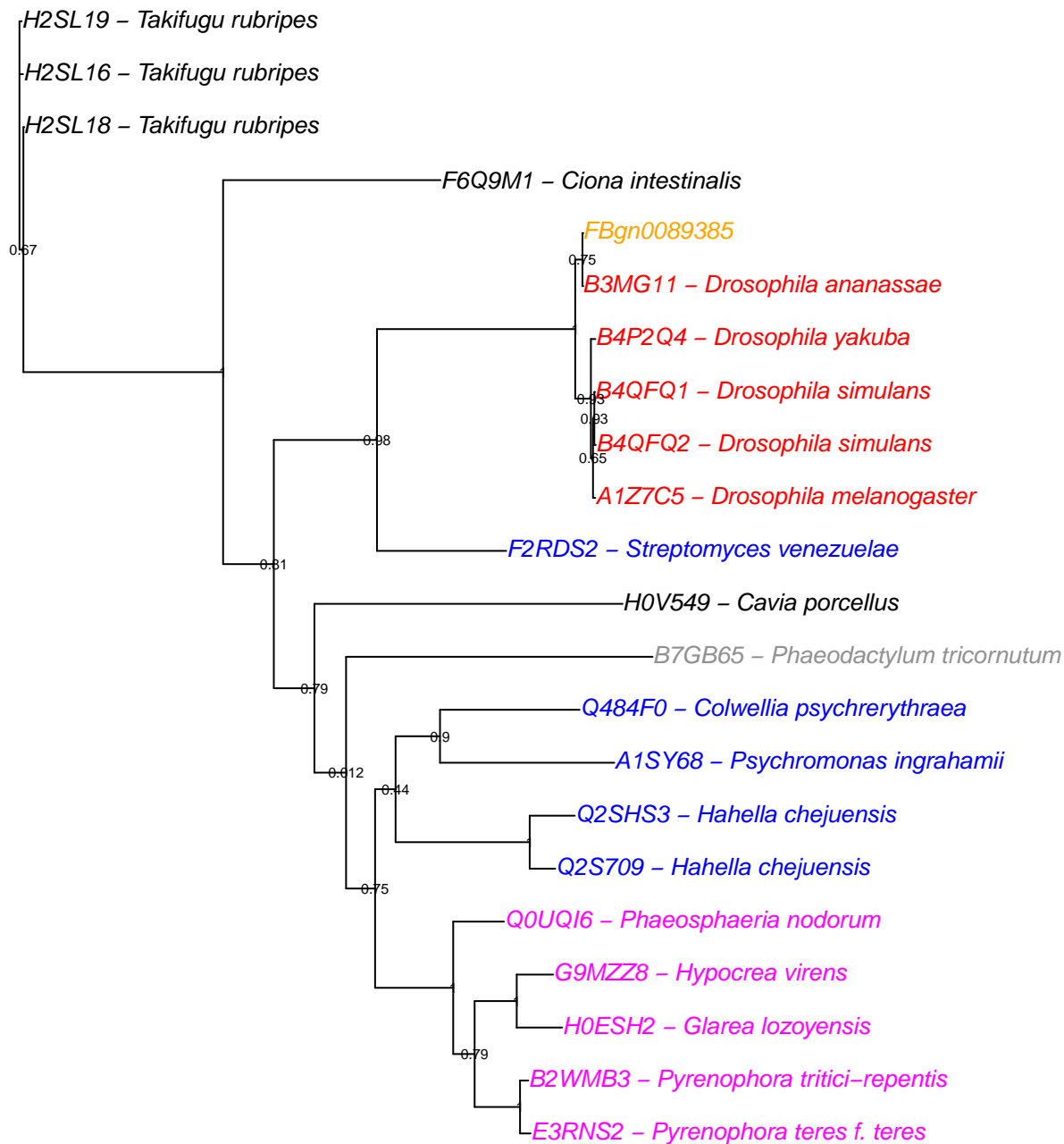
I1I0Y3 – *Brachypodium distachyon*



E9Q3W4 – *Mus musculus*
Q9QXS1 – *Mus musculus*

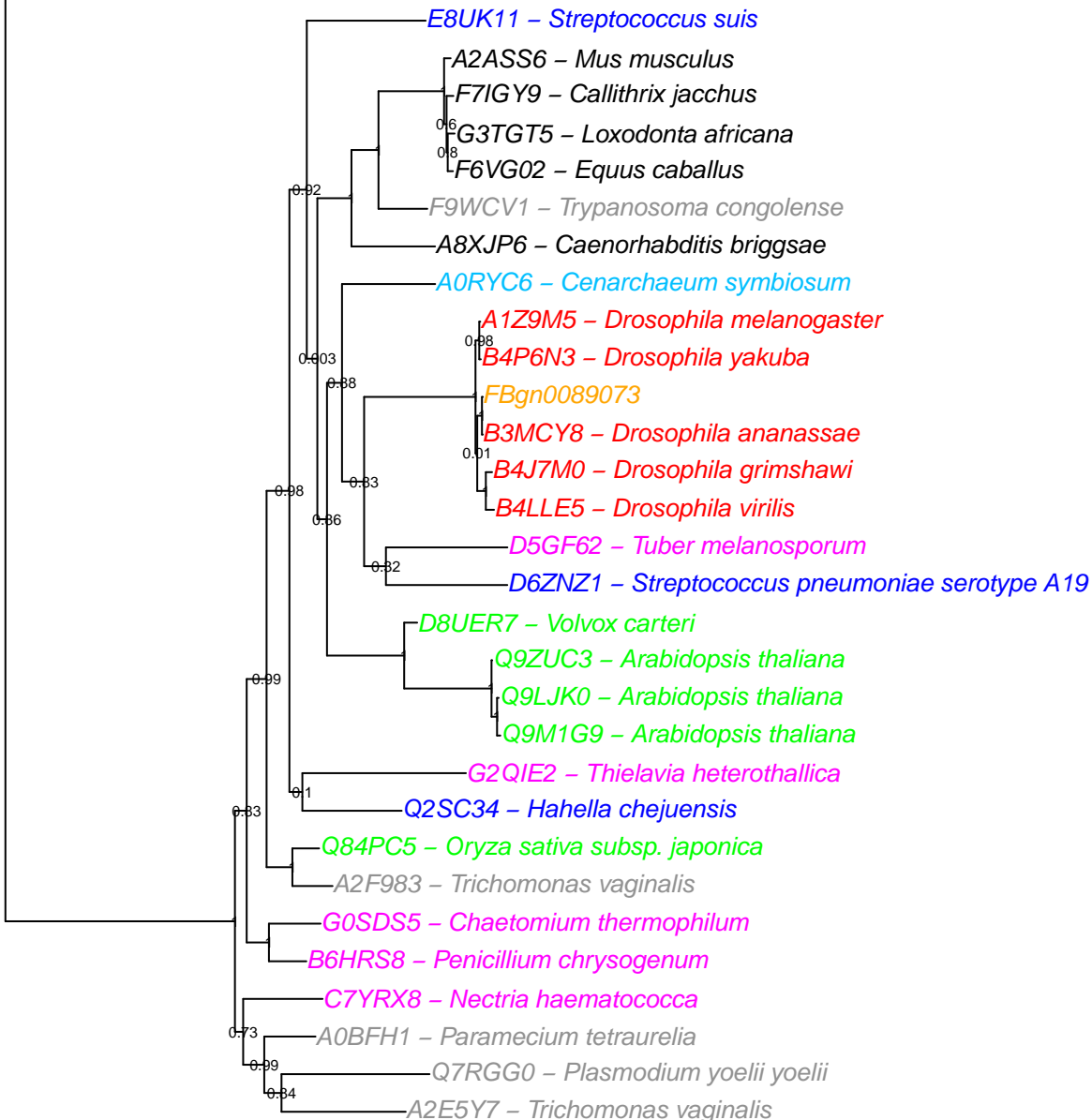




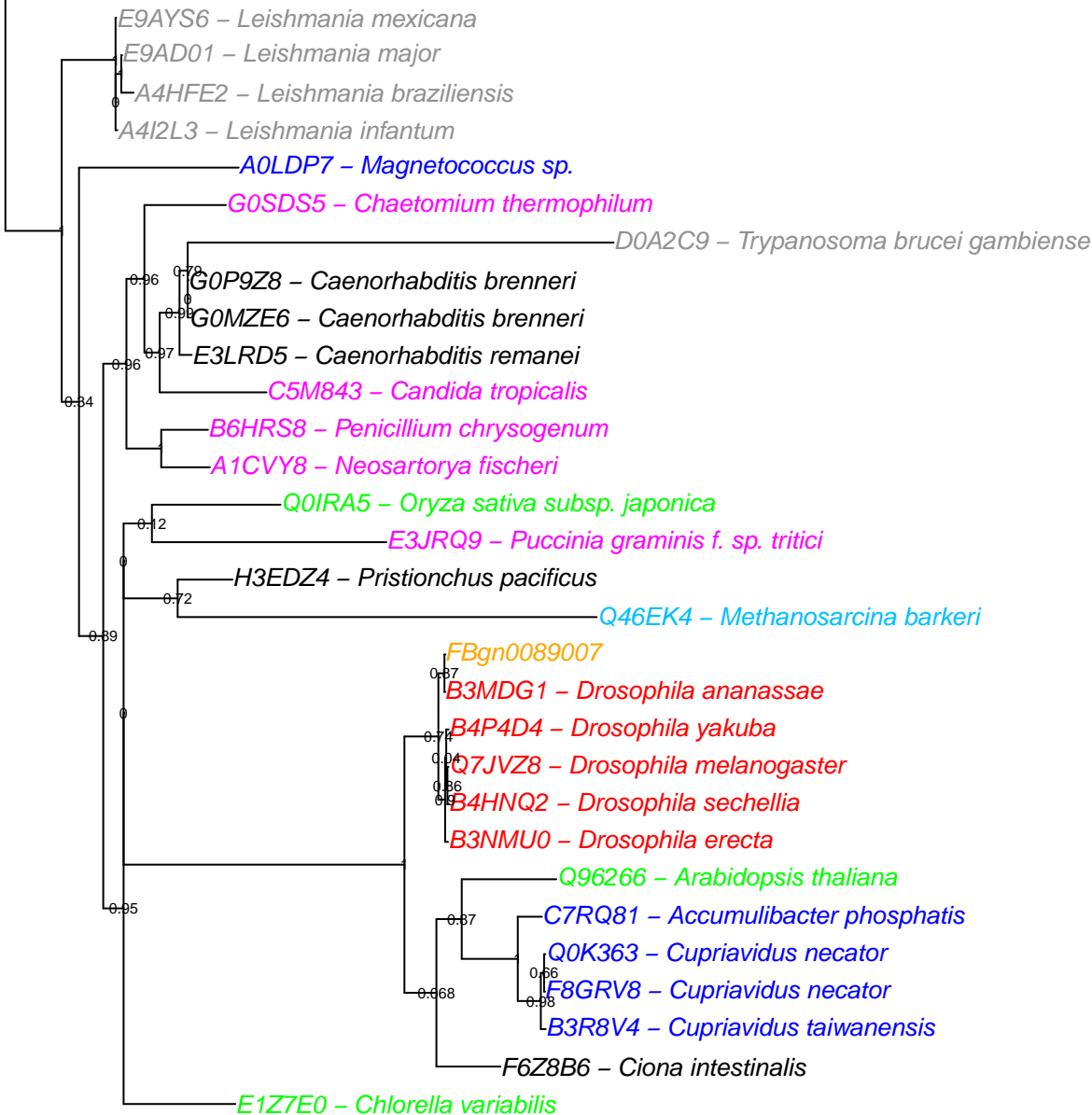


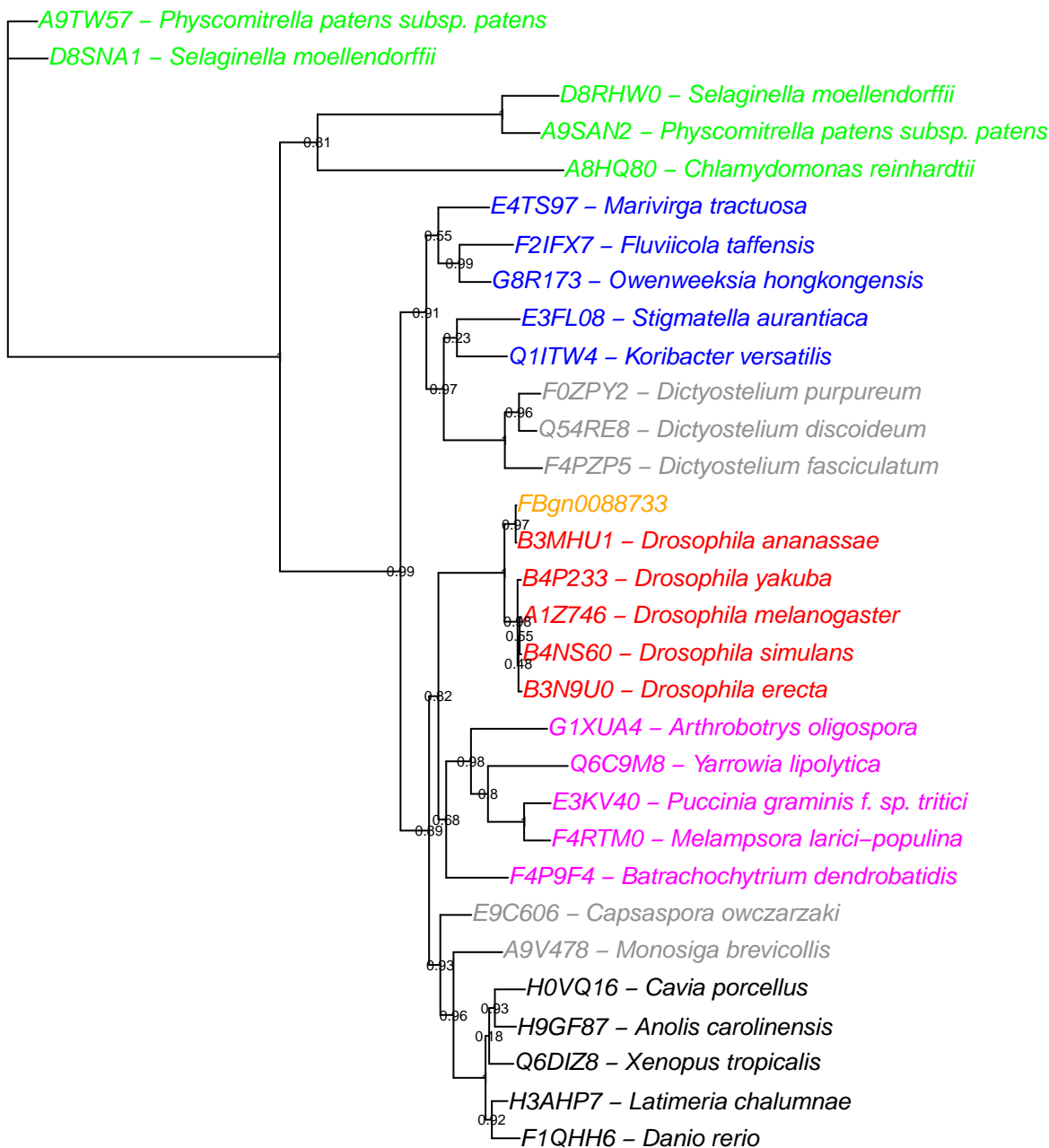
A0RKC0 – *Bacillus thuringiensis*

F0PNR8 – *Bacillus thuringiensis* subsp. *finitimus*



D8U7Y7 – Volvox carteri





FBgn0088655

B3MJ10 – *Drosophila ananassae*

B4P8E4 – *Drosophila yakuba*

B4I7W7 – *Drosophila sechellia*

Q8MLU9 – *Drosophila melanogaster*

Q9W2C6 – *Drosophila melanogaster*

G0W762 – *Naumovozyma dairenensis*

H2Y709 – *Ciona savignyi*

B3RZ27 – *Trichoplax adhaerens*

B3RZ29 – *Trichoplax adhaerens*

H8MNY6 – *Corallococcus coralloides*

G2Y4I5 – *Botryotinia fuckeliana*

C1EHC1 – *Micromonas* sp.

H8MJU7 – *Corallococcus coralloides*

A9U2I9 – *Physcomitrella patens* subsp. *patens*

A9FFW9 – *Sorangium cellulosum*

A9GHN5 – *Sorangium cellulosum*

D0LVU8 – *Haliangium ochraceum*

A0BR77 – *Paramecium tetraurelia*

E9BX32 – *Capsaspora owczarzaki*

E1ZNU8 – *Chlorella variabilis*

Q22E41 – *Tetrahymena thermophila*

B3RSI8 – *Trichoplax adhaerens*

A2BHH6 – *Danio rerio*

D8PU29 – *Schizophyllum commune*

F8Q6R0 – *Serpula lacrymans* var. *lacrymans*

A8P9S8 – *Coprinopsis cinerea*

Q22WK4 – *Tetrahymena thermophila*

Q239S2 – *Tetrahymena thermophila*

FBgn0087970

B3MA40 – *Drosophila ananassae*

B4N6X4 – *Drosophila willistoni*

Q9VST4 – *Drosophila melanogaster*

0.95

E9E3I8 – *Metarhizium acridum*

B4HKK4 – *Drosophila sechellia*

B4PFF1 – *Drosophila yakuba*

E6X299 – *Nitratifractor salsuginis*

0.93

A6QBA0 – *Sulfurovum* sp.

0.51

E4U9T2 – *Oceanithermus profundus*

0.59

Q6APG0 – *Desulfotalea psychrophila*

0.37

Q1DA50 – *Myxococcus xanthus*

E1GBI0 – *Loa loa*

E3N4Q8 – *Caenorhabditis remanei*

0.98

H2WQP8 – *Caenorhabditis japonica*

0.72

A8WWH2 – *Caenorhabditis briggsae*

0.25

G0P0V7 – *Caenorhabditis brenneri*

0.33

Q4CWA5 – *Trypanosoma cruzi*

0.29

F9W6K8 – *Trypanosoma congolense*

0.18

C9ZXW0 – *Trypanosoma brucei gambiense*

0.18

Q38EV1 – *Trypanosoma brucei brucei*

0.55

C9ZXV6 – *Trypanosoma brucei gambiense*

