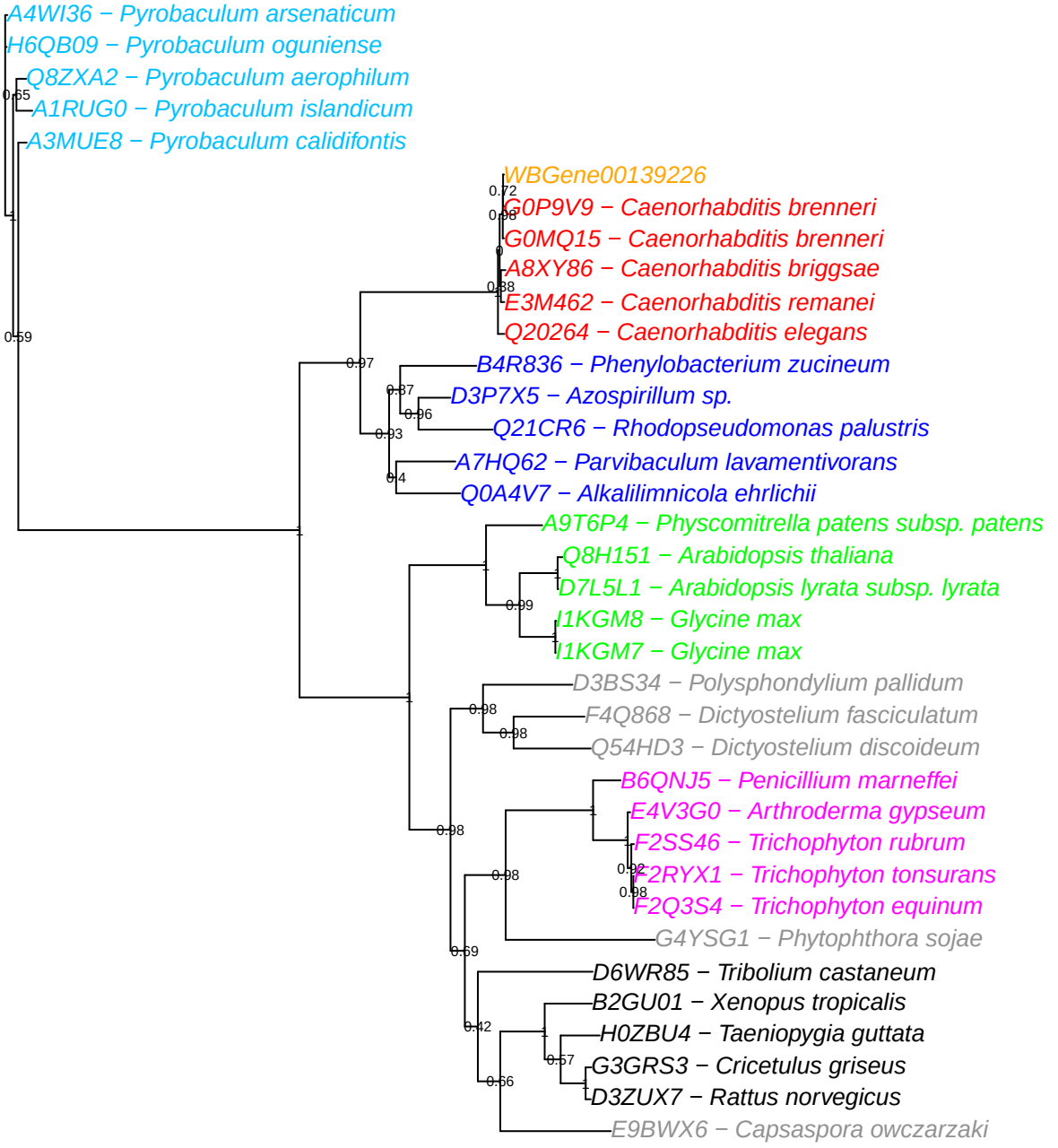
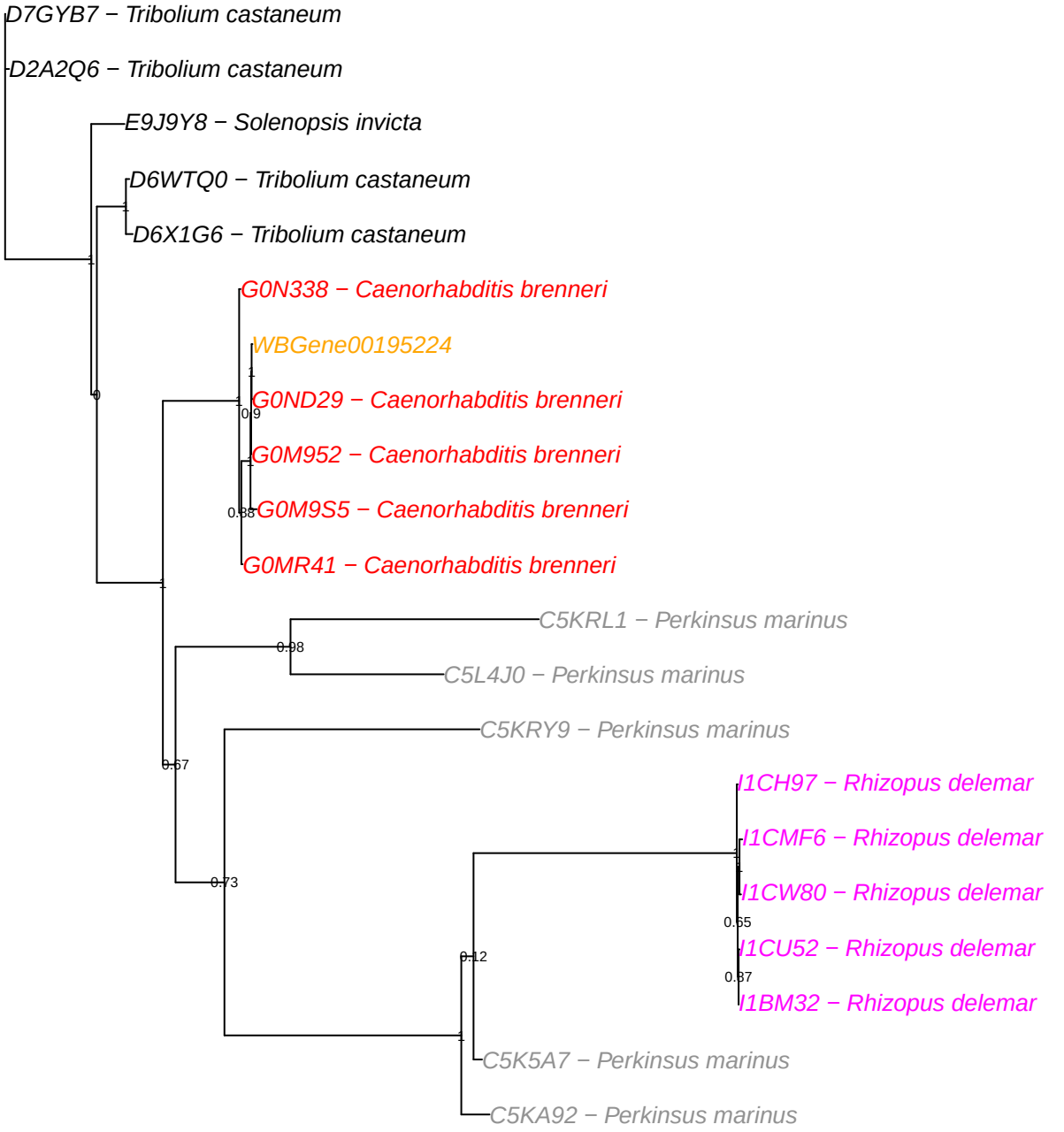
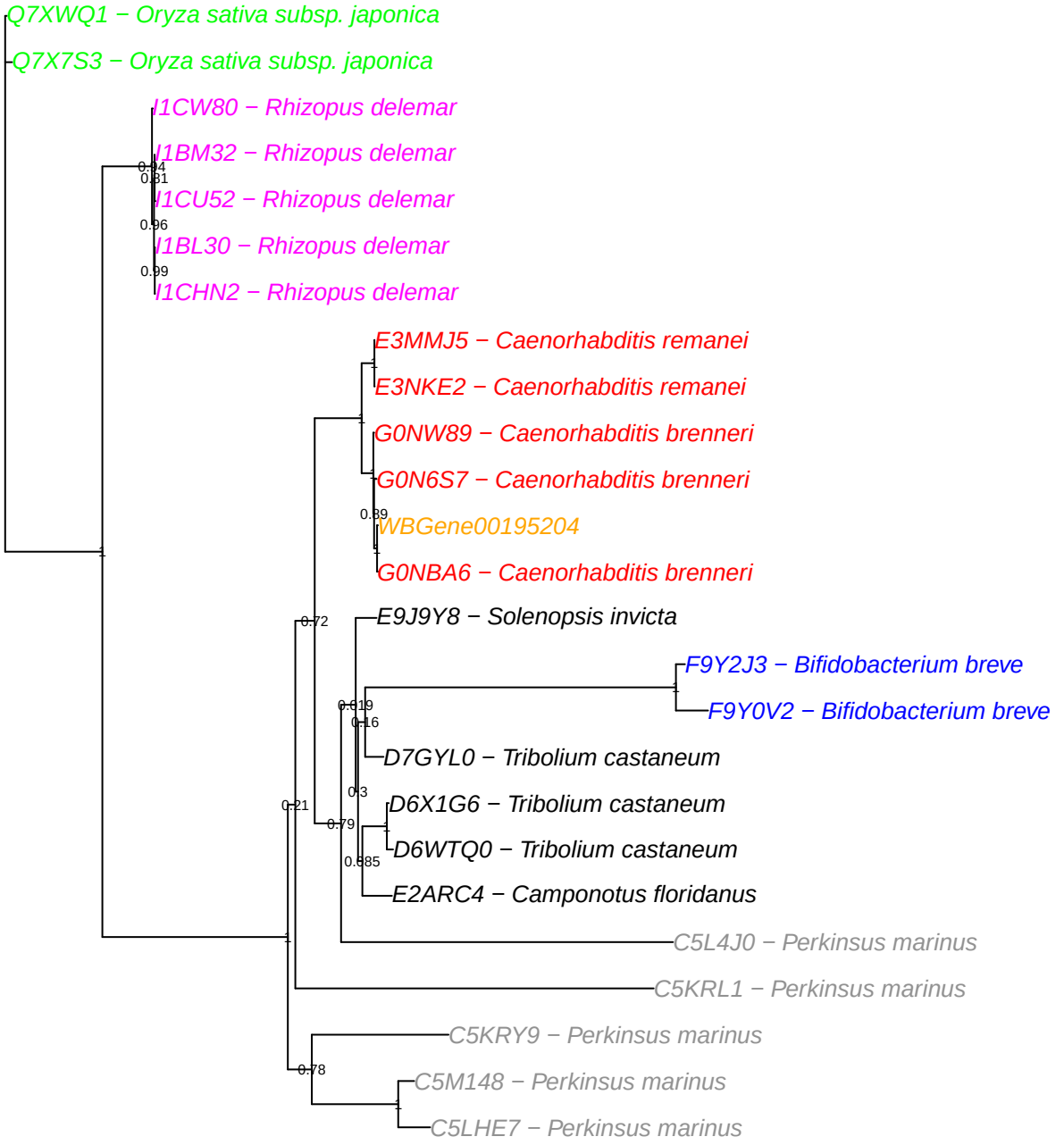
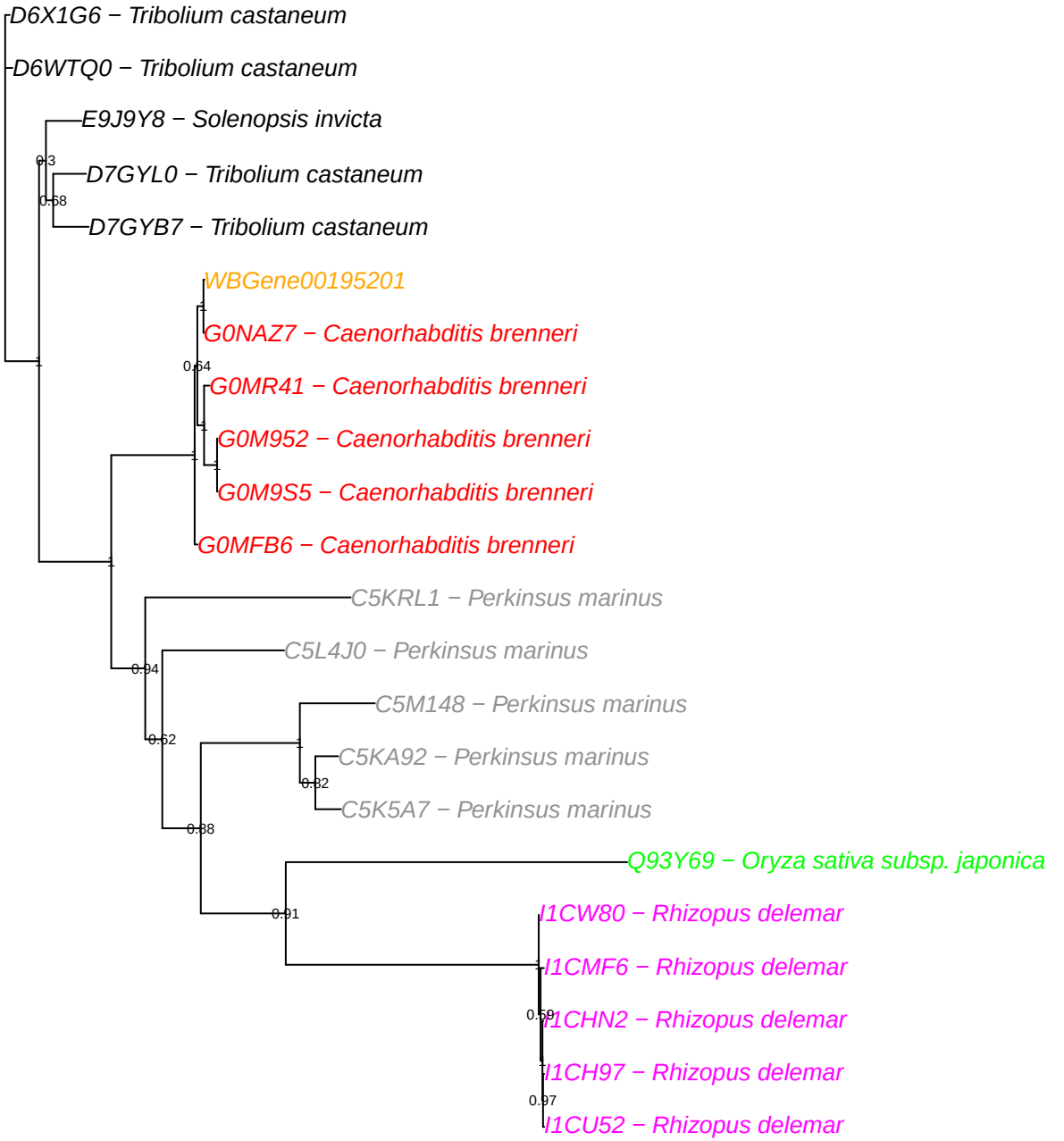
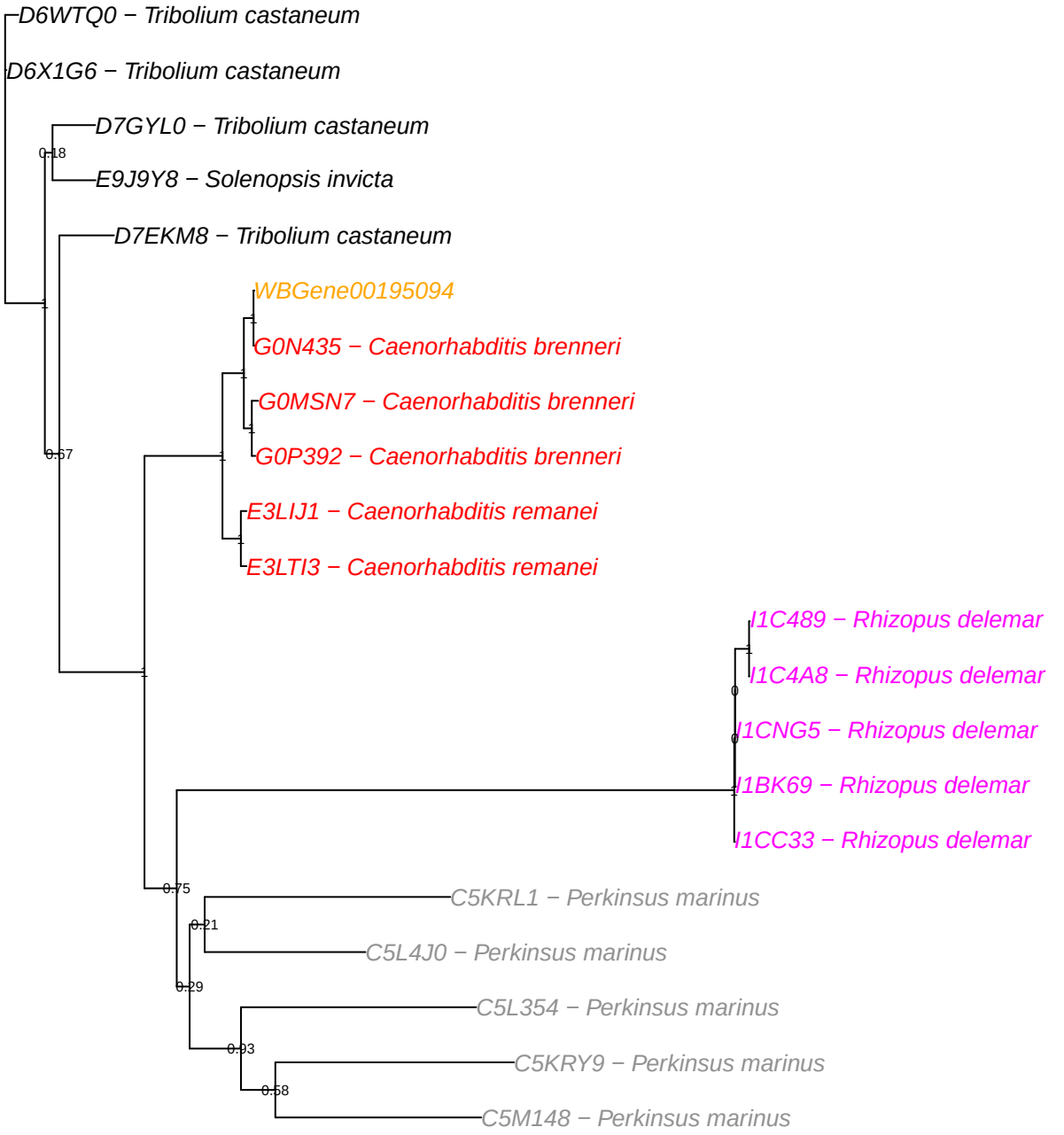
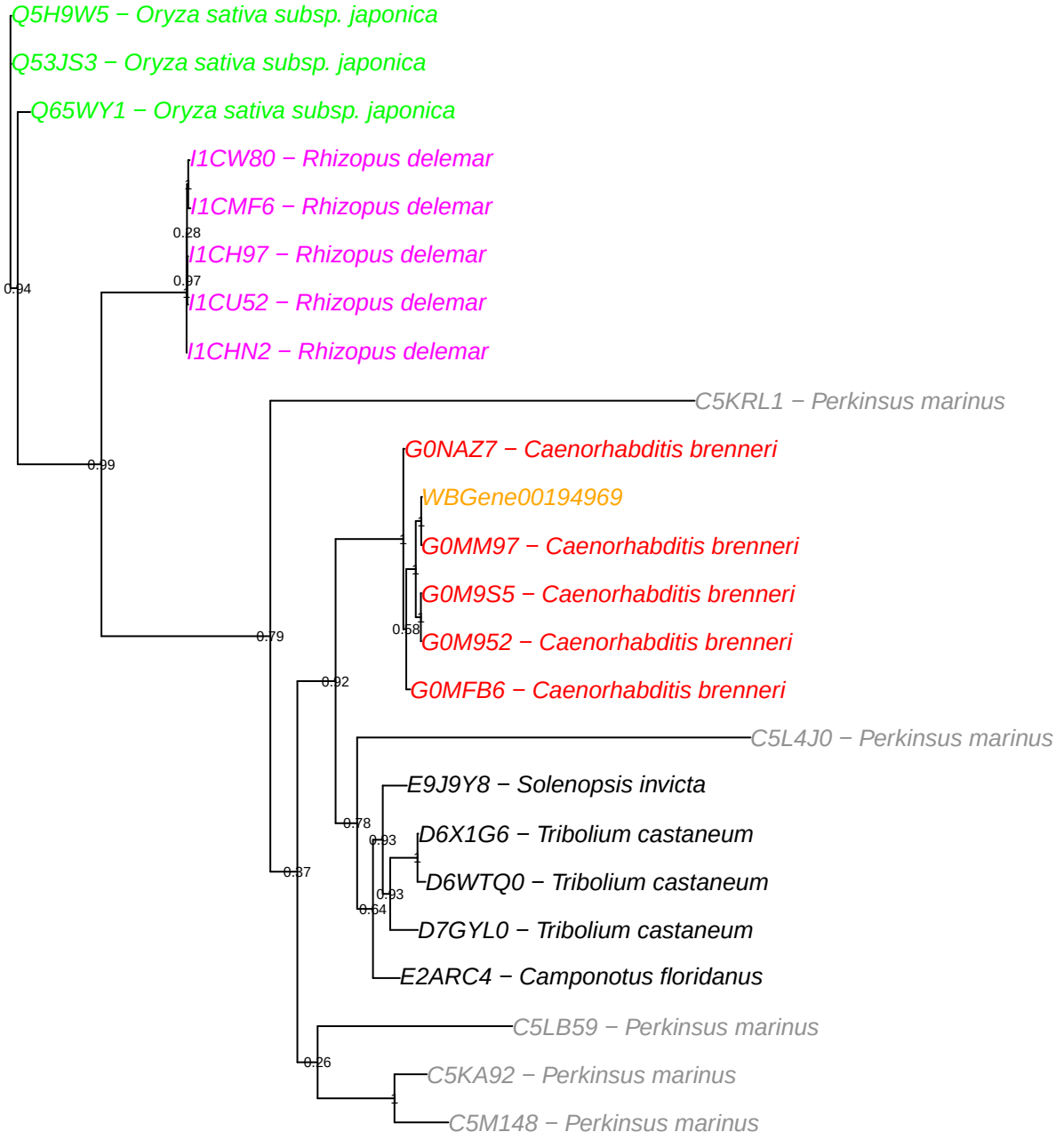

A4WI36 − Pyrobaculum arsenaticum
H6QB09 − Pyrobaculum oguniense
Q8ZXA2 − Pyrobaculum aerophilum
A1RUG0 − Pyrobaculum islandicum
A3MUE8 − Pyrobaculum calidifontis
WBGene00139226
G0P9V9 − Caenorhabditis brenneri
G0MQ15 − Caenorhabditis brenneri
A8XY86 − Caenorhabditis briggsae
E3M462 − Caenorhabditis remanei
Q20264 − Caenorhabditis elegans
B4R836 − Phenylobacterium zucineum
D3P7X5 − Azospirillum sp.
Q21CR6 − Rhodopseudomonas palustris
A7HQ62 − Parvibaculum lavamentivorans
Q0A4V7 − Alkalilimnicola ehrlichii
A9T6P4 − Physcomitrella patens subsp. patens
Q8H151 − Arabidopsis thaliana
D7L5L1 − Arabidopsis lyrata subsp. lyrata
I1KGM8 − Glycine max
I1KGM7 − Glycine max
D3BS34 − Polysphondylium pallidum
F4Q868 − Dictyostelium fasciculatum
Q54HD3 − Dictyostelium discoideum
B6QNJ5 − Penicillium marneffei
E4V3G0 − Arthroderma gypseum
F2SS46 − Trichophyton rubrum
F2RYX1 − Trichophyton tonsurans
F2Q3S4 − Trichophyton equinum
G4YSG1 − Phytophthora sojae
D6WR85 − Tribolium castaneum
B2GU01 − Xenopus tropicalis
H0ZBU4 − Taeniopygia guttata
G3GRS3 − Cricetulus griseus
D3ZUX7 − Rattus norvegicus
E9BWX6 − Capsaspora owczarzaki

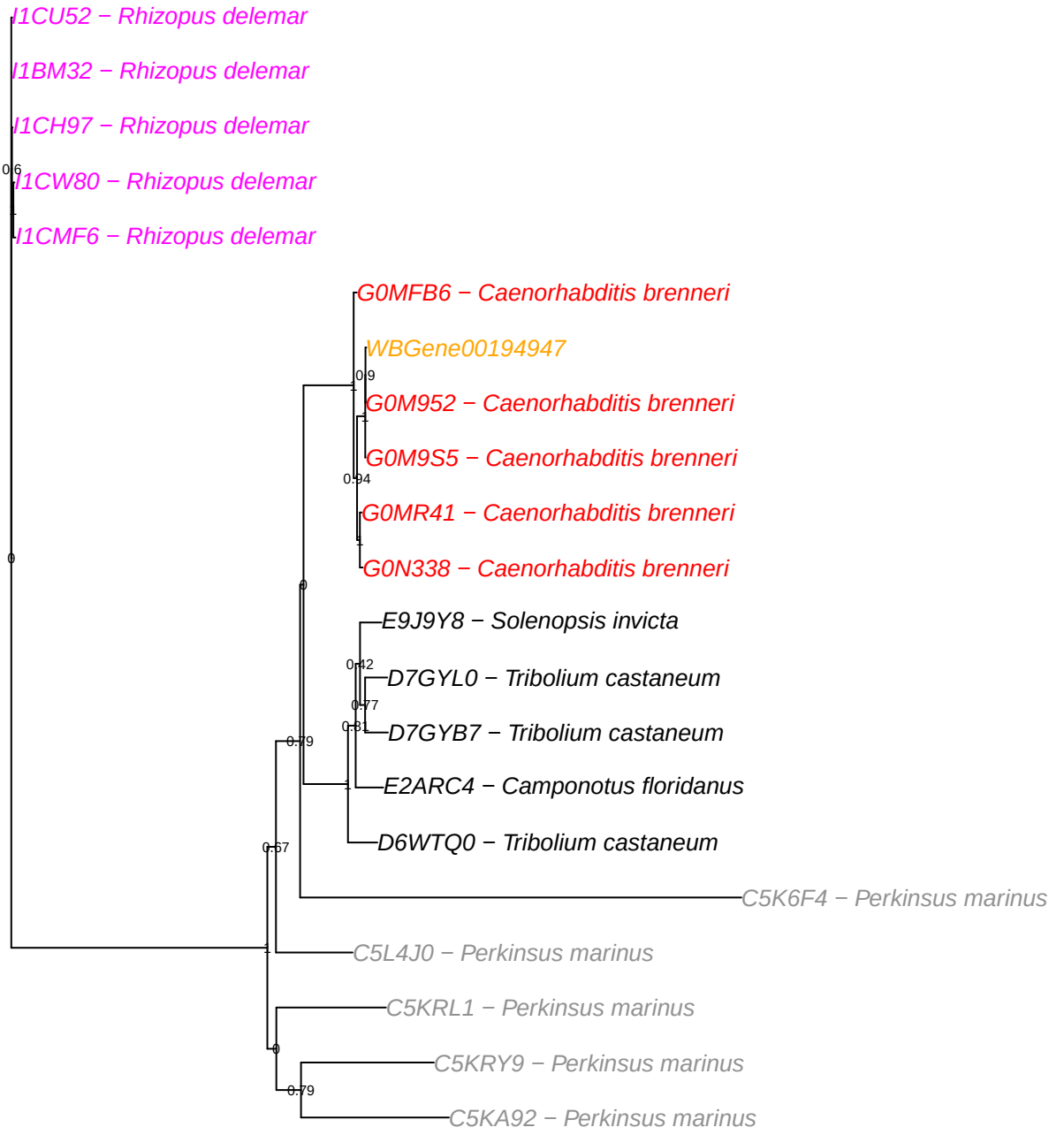

D7GYB7 − Tribolium castaneum
D2A2Q6 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D6WTQ0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
G0N338 − Caenorhabditis brenneri
WBGene00195224
G0ND29 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0M9S5 − Caenorhabditis brenneri
G0MR41 − Caenorhabditis brenneri
C5KRL1 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
I1CH97 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
I1CW80 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1BM32 − Rhizopus delemar
C5K5A7 − Perkinsus marinus
C5KA92 − Perkinsus marinus
0
0.9
0.98
0.98
0.67
0.73
0.55
0.12
0.87

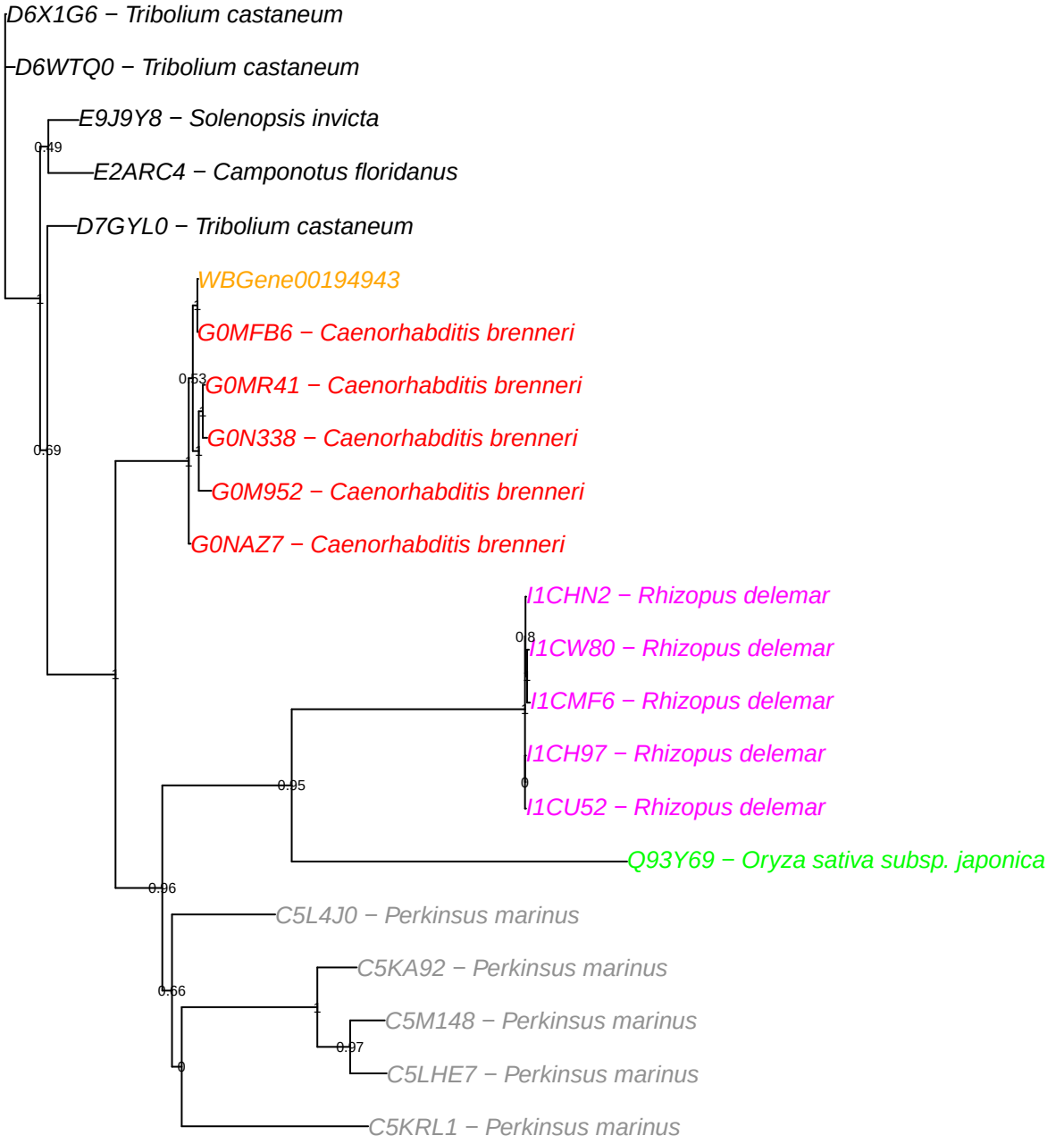

Q7XWQ1 − Oryza sativa subsp. japonica
Q7X7S3 − Oryza sativa subsp. japonica
I1CW80 − Rhizopus delemar
I1BM32 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1BL30 − Rhizopus delemar
I1CHN2 − Rhizopus delemar
0.94
0.81
0.96
0.99
E3MMJ5 − Caenorhabditis remanei
E3NKE2 − Caenorhabditis remanei
G0NW89 − Caenorhabditis brenneri
G0N6S7 − Caenorhabditis brenneri
WBGene00195204
G0NBA6 − Caenorhabditis brenneri
0.89
E9J9Y8 − Solenopsis invicta
F9Y2J3 − Bifidobacterium breve
F9Y0V2 − Bifidobacterium breve
D7GYL0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
C5L4J0 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
0.72
0.79
0.78

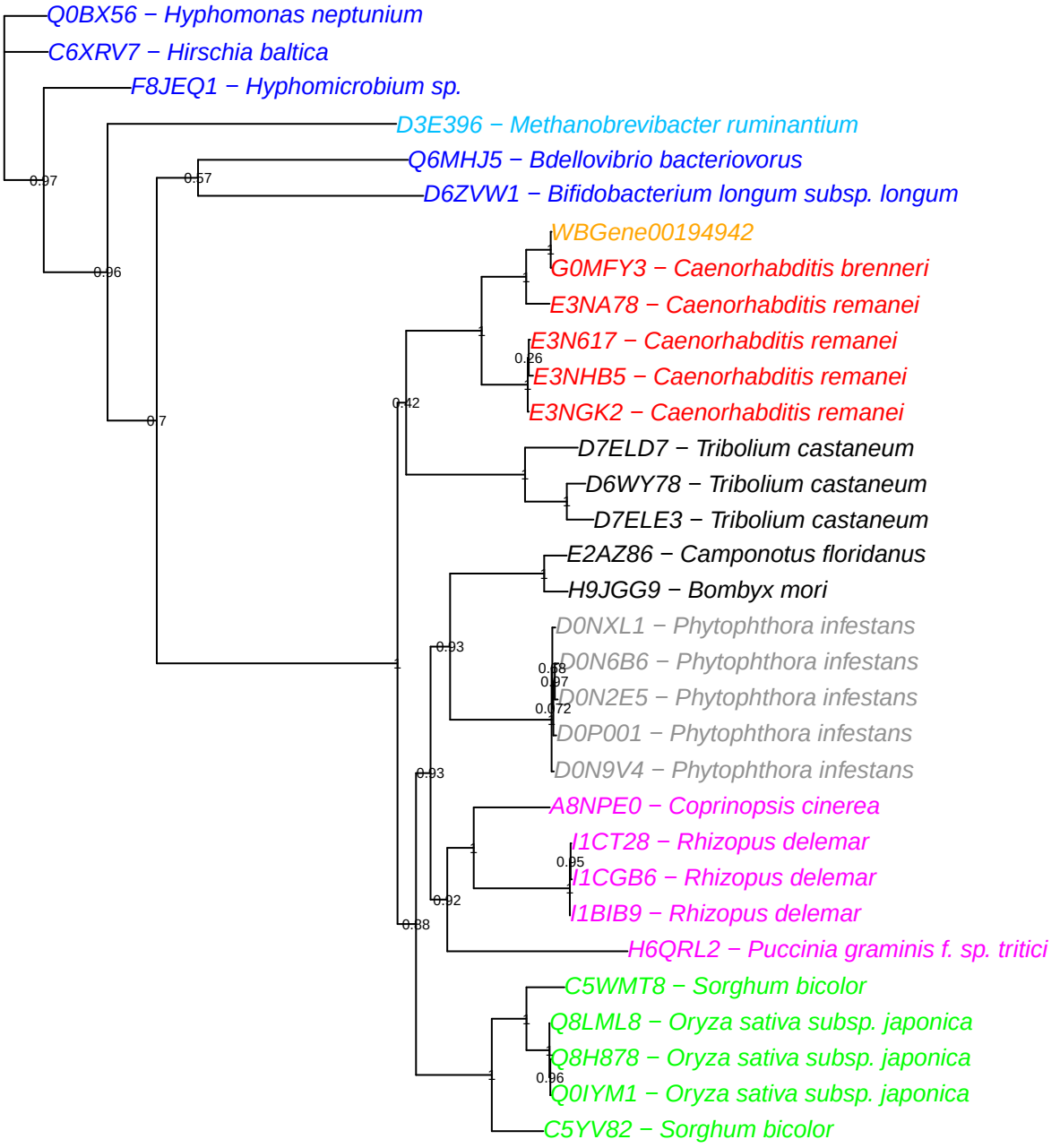

D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
0.3
D7GYL0 − Tribolium castaneum
0.68
D7GYB7 − Tribolium castaneum
WBGene00195201
G0NAZ7 − Caenorhabditis brenneri
1
0.64
G0MR41 − Caenorhabditis brenneri
1
G0M952 − Caenorhabditis brenneri
1
G0M9S5 − Caenorhabditis brenneri
G0MFB6 − Caenorhabditis brenneri
1
C5KRL1 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
0.94
C5M148 − Perkinsus marinus
0.62
1
C5KA92 − Perkinsus marinus
0.82
C5K5A7 − Perkinsus marinus
0.88
Q93Y69 − Oryza sativa subsp. japonica
0.91
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
0.59
I1CHN2 − Rhizopus delemar
I1CH97 − Rhizopus delemar
0.97
I1CU52 − Rhizopus delemar

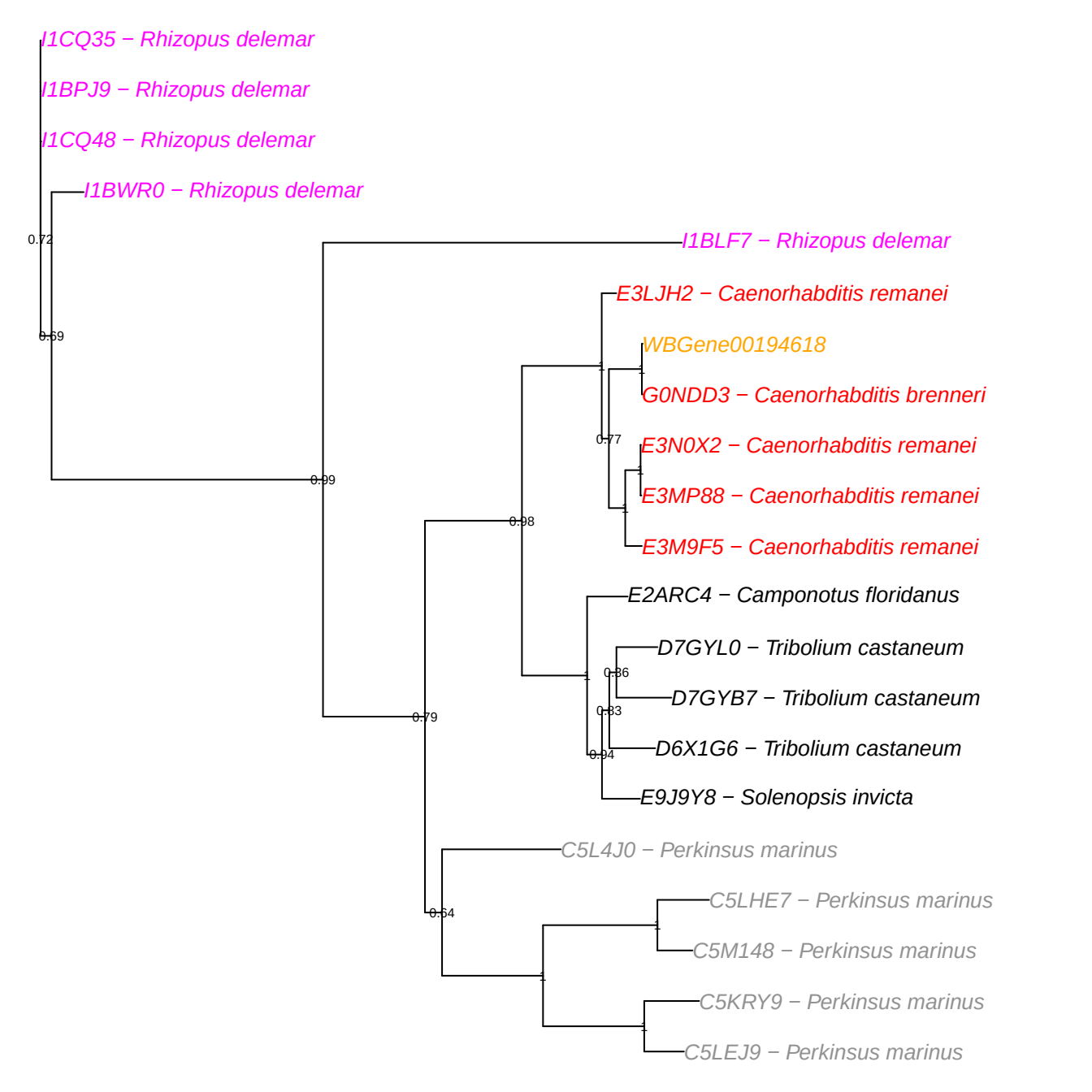

D6WTQ0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
0.18
E9J9Y8 − Solenopsis invicta
D7EKM8 − Tribolium castaneum
WBGene00195094
G0N435 − Caenorhabditis brenneri
G0MSN7 − Caenorhabditis brenneri
0.67
G0P392 − Caenorhabditis brenneri
E3LIJ1 − Caenorhabditis remanei
E3LTI3 − Caenorhabditis remanei
I1C489 − Rhizopus delemar
I1C4A8 − Rhizopus delemar
I1CNG5 − Rhizopus delemar
I1BK69 − Rhizopus delemar
I1CC33 − Rhizopus delemar
0.75
C5KRL1 − Perkinsus marinus
0.21
C5L4J0 − Perkinsus marinus
0.29
C5L354 − Perkinsus marinus
0.93
C5KRY9 − Perkinsus marinus
0.58
C5M148 − Perkinsus marinus

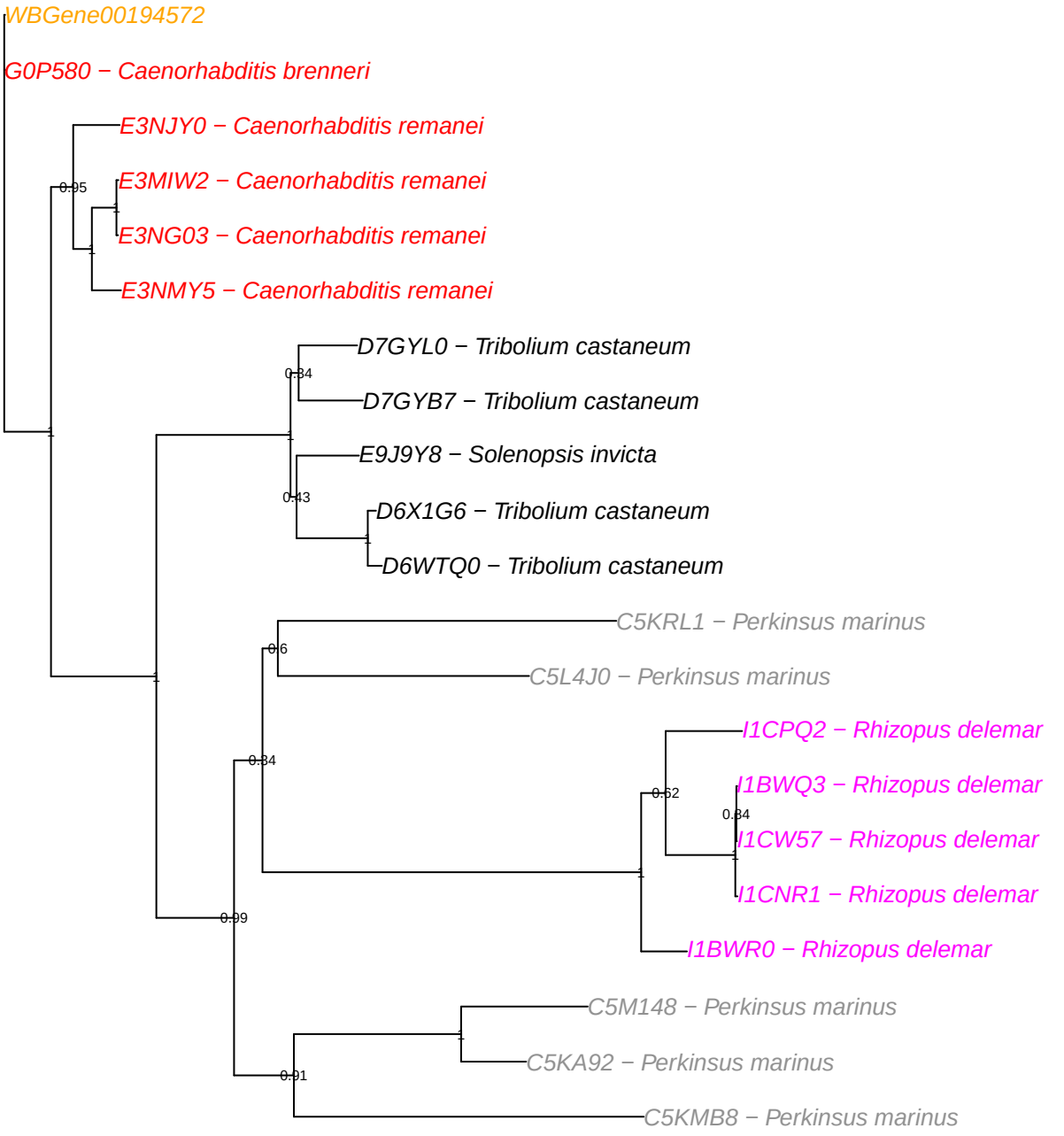

Q5H9W5 − Oryza sativa subsp. japonica
Q53JS3 − Oryza sativa subsp. japonica
Q65WY1 − Oryza sativa subsp. japonica
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
I1CH97 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1CHN2 − Rhizopus delemar
C5KRL1 − Perkinsus marinus
G0NAZ7 − Caenorhabditis brenneri
WBGene00194969
G0MM97 − Caenorhabditis brenneri
G0M9S5 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0MFB6 − Caenorhabditis brenneri
C5L4J0 − Perkinsus marinus
E9J9Y8 − Solenopsis invicta
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
C5LB59 − Perkinsus marinus
C5KA92 − Perkinsus marinus
C5M148 − Perkinsus marinus
0.28
0.97
0.94
0.99
0.79
0.58
0.92
0.78
0.93
0.93
0.64
0.87
0.26

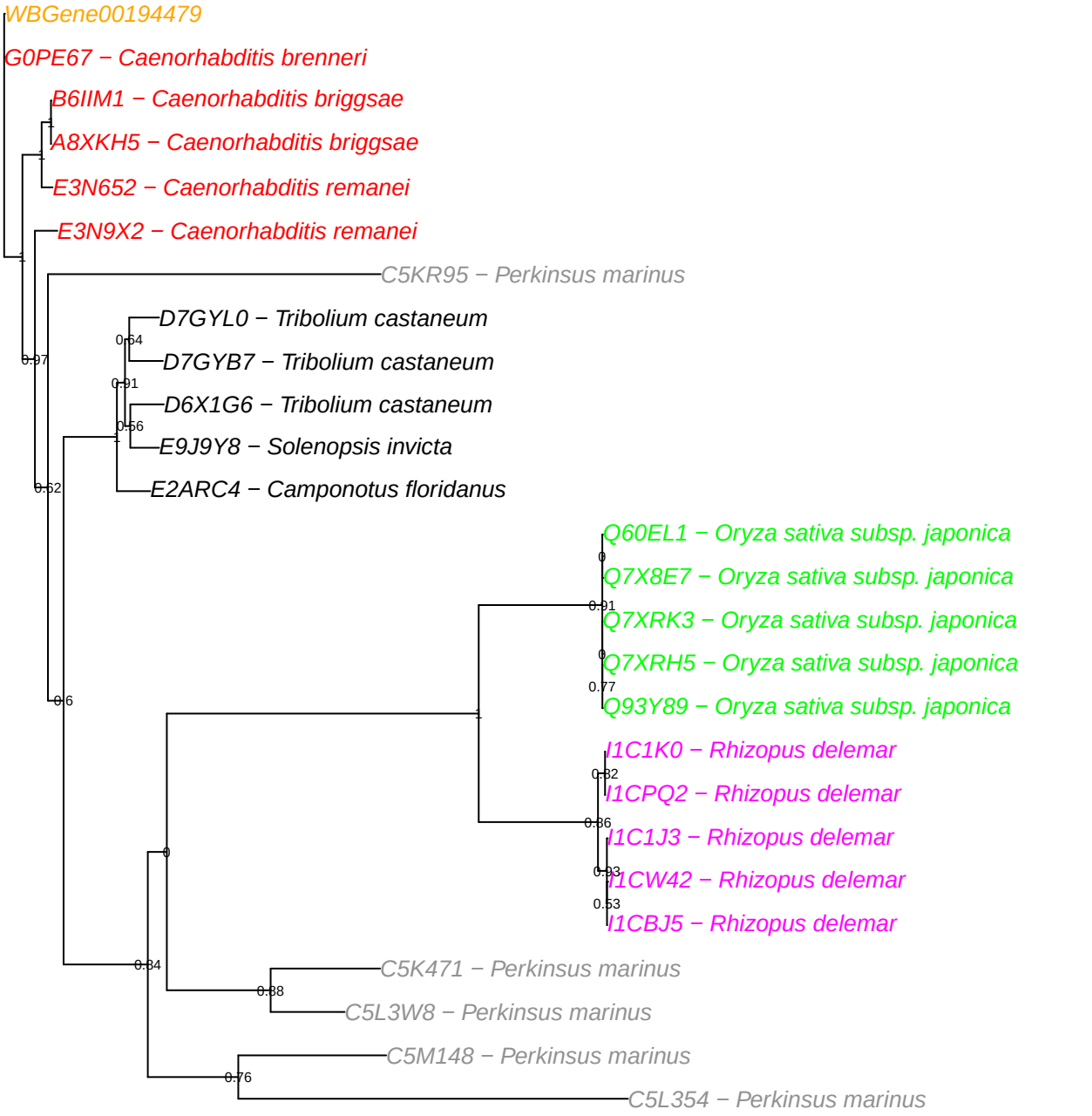

I1CU52 − Rhizopus delemar
I1BM32 − Rhizopus delemar
I1CH97 − Rhizopus delemar
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
G0MFB6 − Caenorhabditis brenneri
WBGene00194947
G0M952 − Caenorhabditis brenneri
G0M9S5 − Caenorhabditis brenneri
G0MR41 − Caenorhabditis brenneri
G0N338 − Caenorhabditis brenneri
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
D6WTQ0 − Tribolium castaneum
C5K6F4 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5KA92 − Perkinsus marinus
0.6
0.9
0.94
0.42
0.77
0.81
0.79
0.67
0.79

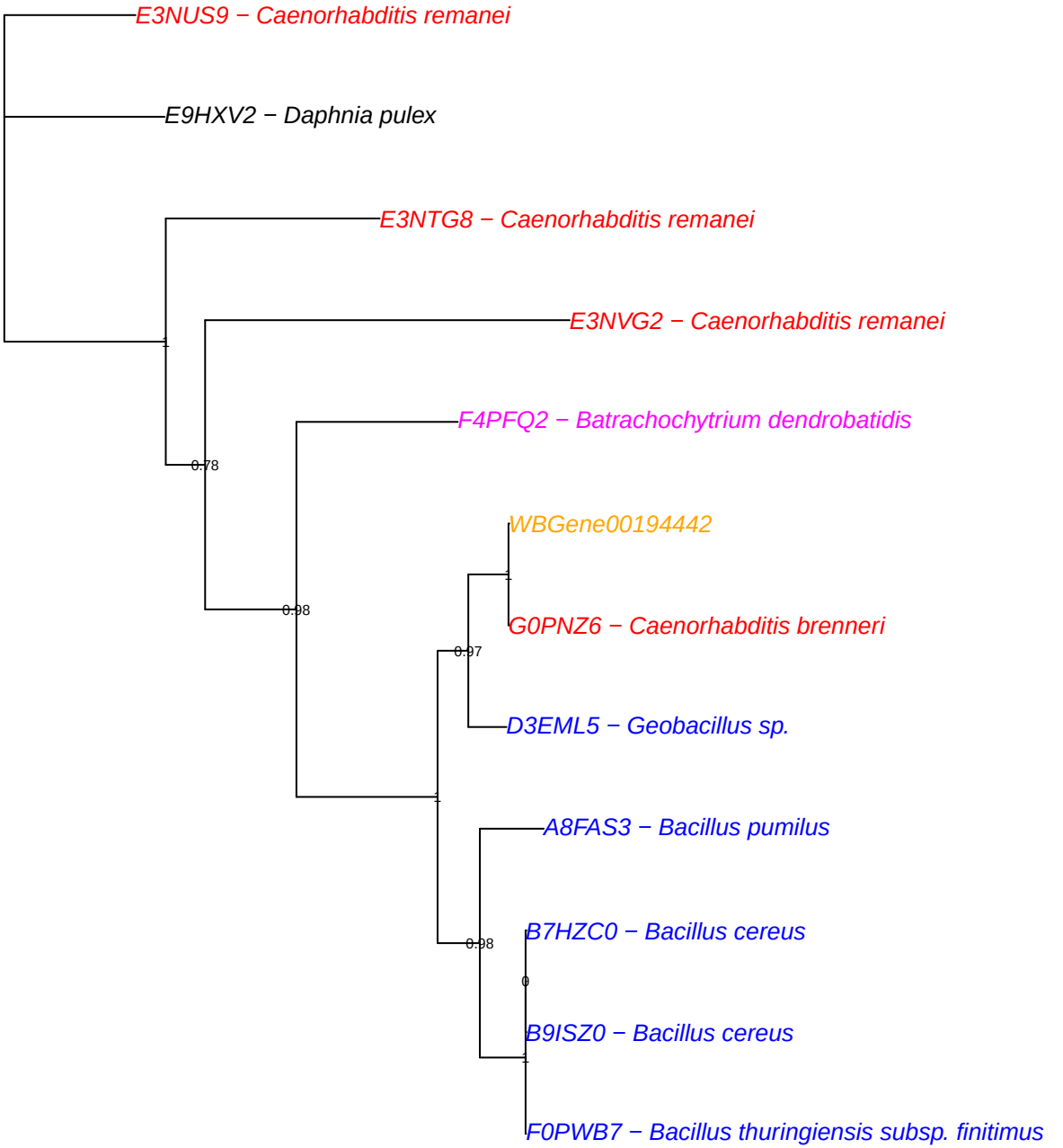

D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
0.49
E2ARC4 − Camponotus floridanus
D7GYL0 − Tribolium castaneum
WBGene00194943
G0MFB6 − Caenorhabditis brenneri
0.53
G0MR41 − Caenorhabditis brenneri
G0N338 − Caenorhabditis brenneri
0.69
G0M952 − Caenorhabditis brenneri
G0NAZ7 − Caenorhabditis brenneri
I1CHN2 − Rhizopus delemar
0.8
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
I1CH97 − Rhizopus delemar
0
I1CU52 − Rhizopus delemar
0.95
Q93Y69 − Oryza sativa subsp. japonica
0.96
C5L4J0 − Perkinsus marinus
C5KA92 − Perkinsus marinus
0.66
C5M148 − Perkinsus marinus
0.97
C5LHE7 − Perkinsus marinus
0
C5KRL1 − Perkinsus marinus


Q0BX56 − Hyphomonas neptunium
C6XRV7 − Hirschia baltica
F8JEQ1 − Hyphomicrobium sp.
D3E396 − Methanobrevibacter ruminantium
Q6MHJ5 − Bdellovibrio bacteriovorus
D6ZVW1 − Bifidobacterium longum subsp. longum
WBGene00194942
G0MFY3 − Caenorhabditis brenneri
E3NA78 − Caenorhabditis remanei
E3N617 − Caenorhabditis remanei
E3NHB5 − Caenorhabditis remanei
E3NGK2 − Caenorhabditis remanei
D7ELD7 − Tribolium castaneum
D6WY78 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
E2AZ86 − Camponotus floridanus
H9JGG9 − Bombyx mori
D0NXL1 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0N9V4 − Phytophthora infestans
A8NPE0 − Coprinopsis cinerea
I1CT28 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
I1BIB9 − Rhizopus delemar
H6QRL2 − Puccinia graminis f. sp. tritici
C5WMT8 − Sorghum bicolor
Q8LML8 − Oryza sativa subsp. japonica
Q8H878 − Oryza sativa subsp. japonica
Q0IYM1 − Oryza sativa subsp. japonica
C5YV82 − Sorghum bicolor
0.97
0.57
0.96
0.7
0.26
0.42
0.93
0.68
0.97
0.72
0.93
0.95
0.92
0.88
0.96

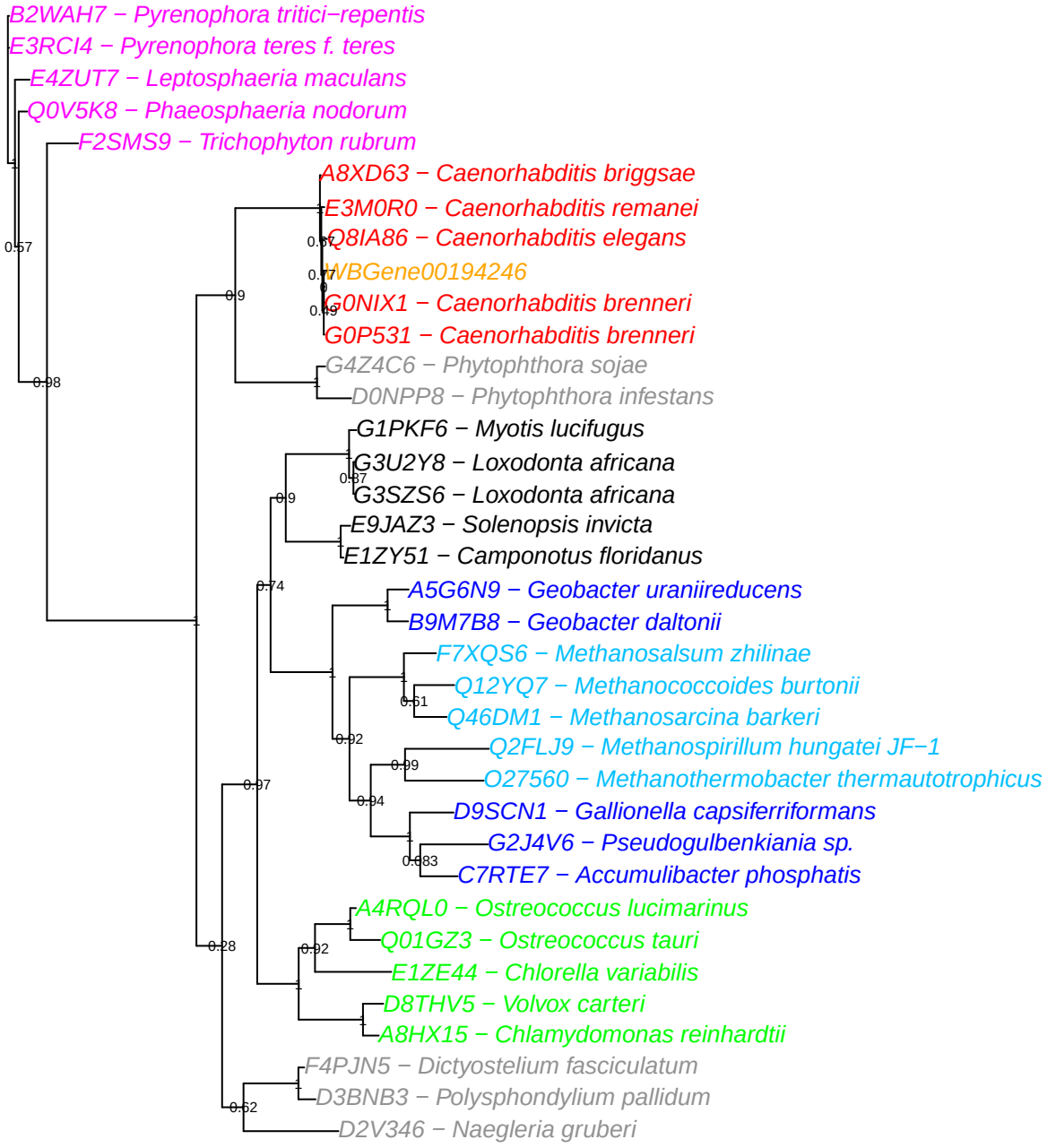

I1CQ35 − Rhizopus delemar
I1BPJ9 − Rhizopus delemar
I1CQ48 − Rhizopus delemar
I1BWR0 − Rhizopus delemar
I1BLF7 − Rhizopus delemar
E3LJH2 − Caenorhabditis remanei
WBGene00194618
G0NDD3 − Caenorhabditis brenneri
E3N0X2 − Caenorhabditis remanei
E3MP88 − Caenorhabditis remanei
E3M9F5 − Caenorhabditis remanei
E2ARC4 − Camponotus floridanus
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
C5L4J0 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5LEJ9 − Perkinsus marinus
0.72
0.69
0.99
0.98
0.77
0.86
0.83
0.94
0.79
0.64

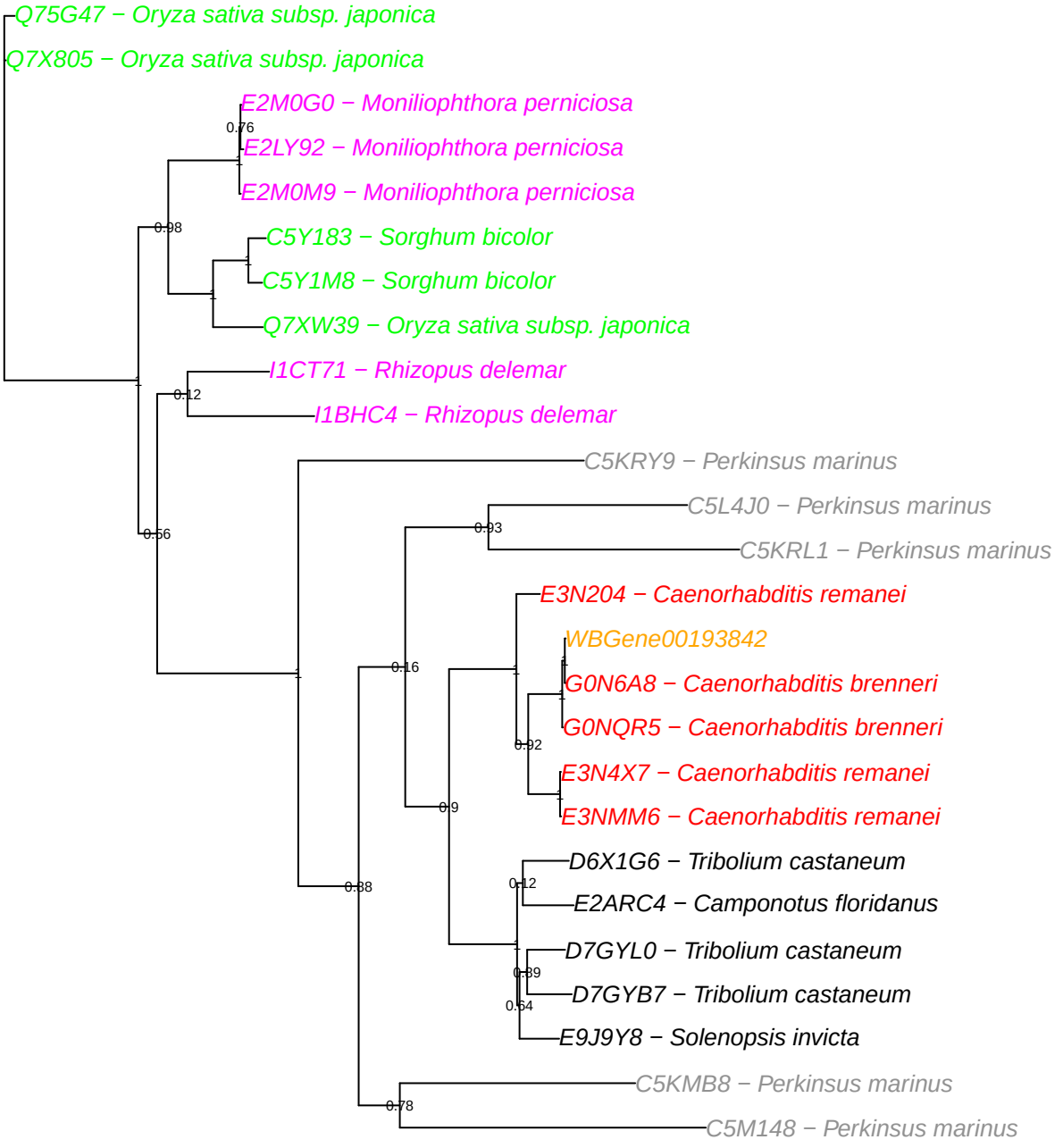

WBGene00194572
G0P580 − Caenorhabditis brenneri
E3NJY0 − Caenorhabditis remanei
E3MIW2 − Caenorhabditis remanei
E3NG03 − Caenorhabditis remanei
E3NMY5 − Caenorhabditis remanei
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
C5KRL1 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
I1CPQ2 − Rhizopus delemar
I1BWQ3 − Rhizopus delemar
I1CW57 − Rhizopus delemar
I1CNR1 − Rhizopus delemar
I1BWR0 − Rhizopus delemar
C5M148 − Perkinsus marinus
C5KA92 − Perkinsus marinus
C5KMB8 − Perkinsus marinus
0.95
0.84
0.43
0.6
0.84
0.62
0.84
0.99
0.91

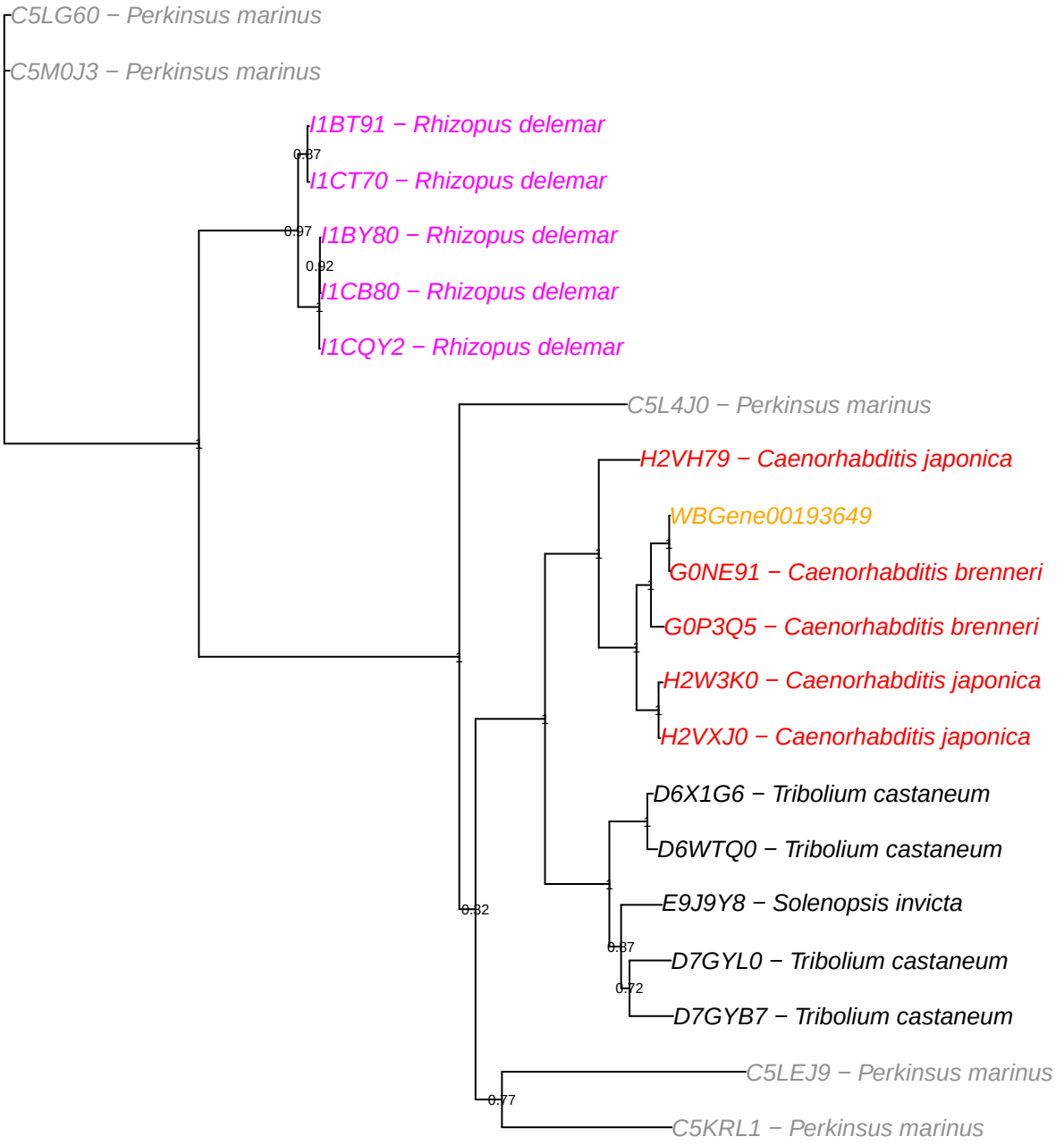

WBGene00194479
G0PE67 − Caenorhabditis brenneri
B6IIM1 − Caenorhabditis briggsae
A8XKH5 − Caenorhabditis briggsae
E3N652 − Caenorhabditis remanei
E3N9X2 − Caenorhabditis remanei
C5KR95 − Perkinsus marinus
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
Q60EL1 − Oryza sativa subsp. japonica
Q7X8E7 − Oryza sativa subsp. japonica
Q7XRK3 − Oryza sativa subsp. japonica
Q7XRH5 − Oryza sativa subsp. japonica
Q93Y89 − Oryza sativa subsp. japonica
I1C1K0 − Rhizopus delemar
I1CPQ2 − Rhizopus delemar
I1C1J3 − Rhizopus delemar
I1CW42 − Rhizopus delemar
I1CBJ5 − Rhizopus delemar
C5K471 − Perkinsus marinus
C5L3W8 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5L354 − Perkinsus marinus
1
1
1
0.64
0.97
0.91
0.56
1
0.62
0
0.91
0
0.77
1
0.6
0.82
0.86
0.93
0.53
0
0.84
0.88
0.76

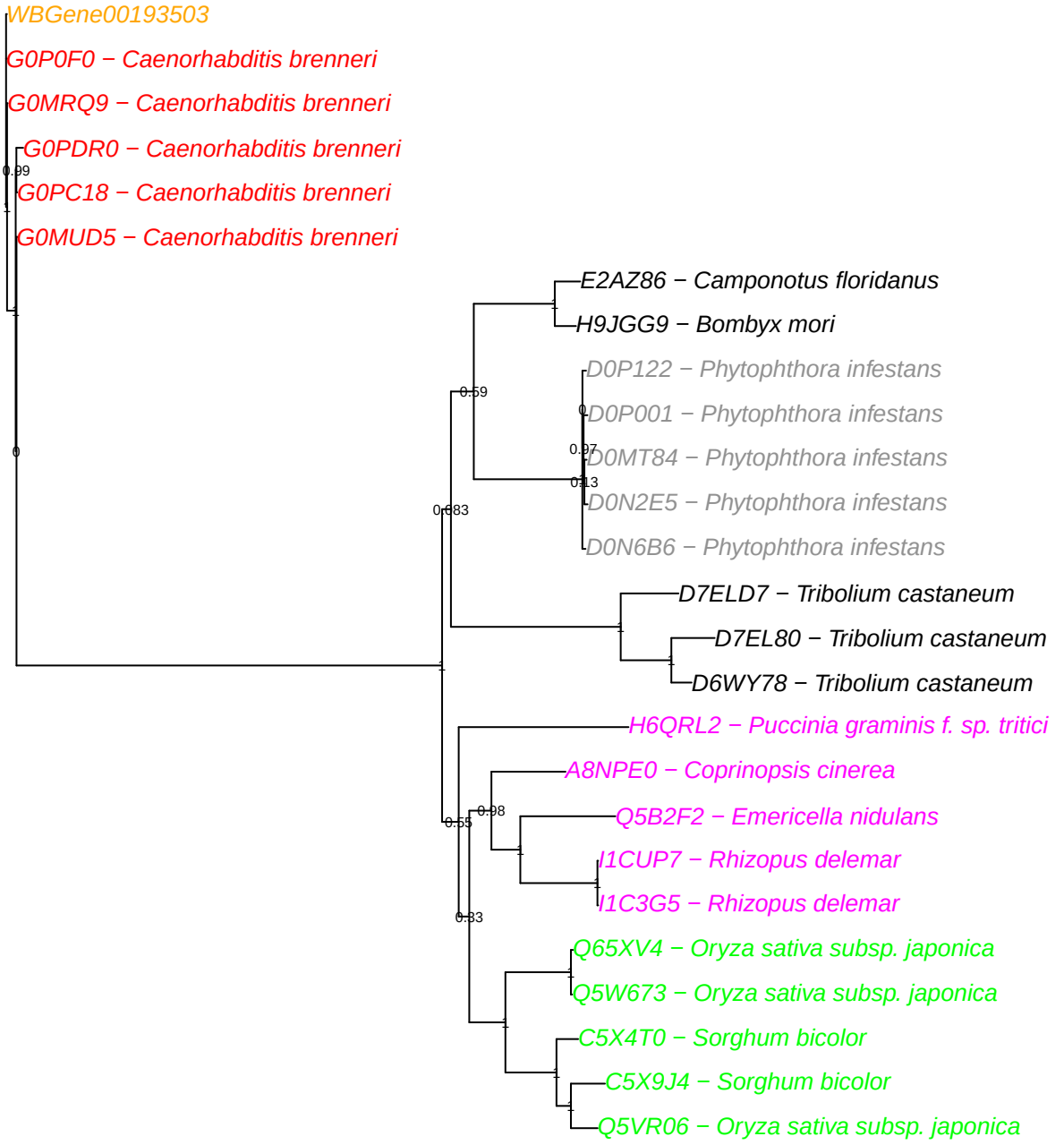

E3NUS9 − Caenorhabditis remanei
E9HXV2 − Daphnia pulex
E3NTG8 − Caenorhabditis remanei
E3NVG2 − Caenorhabditis remanei
F4PFQ2 − Batrachochytrium dendrobatidis
0.78
WBGene00194442
G0PNZ6 − Caenorhabditis brenneri
0.98
0.97
D3EML5 − Geobacillus sp.
A8FAS3 − Bacillus pumilus
B7HZC0 − Bacillus cereus
0.98
0
B9ISZ0 − Bacillus cereus
F0PWB7 − Bacillus thuringiensis subsp. finitimus

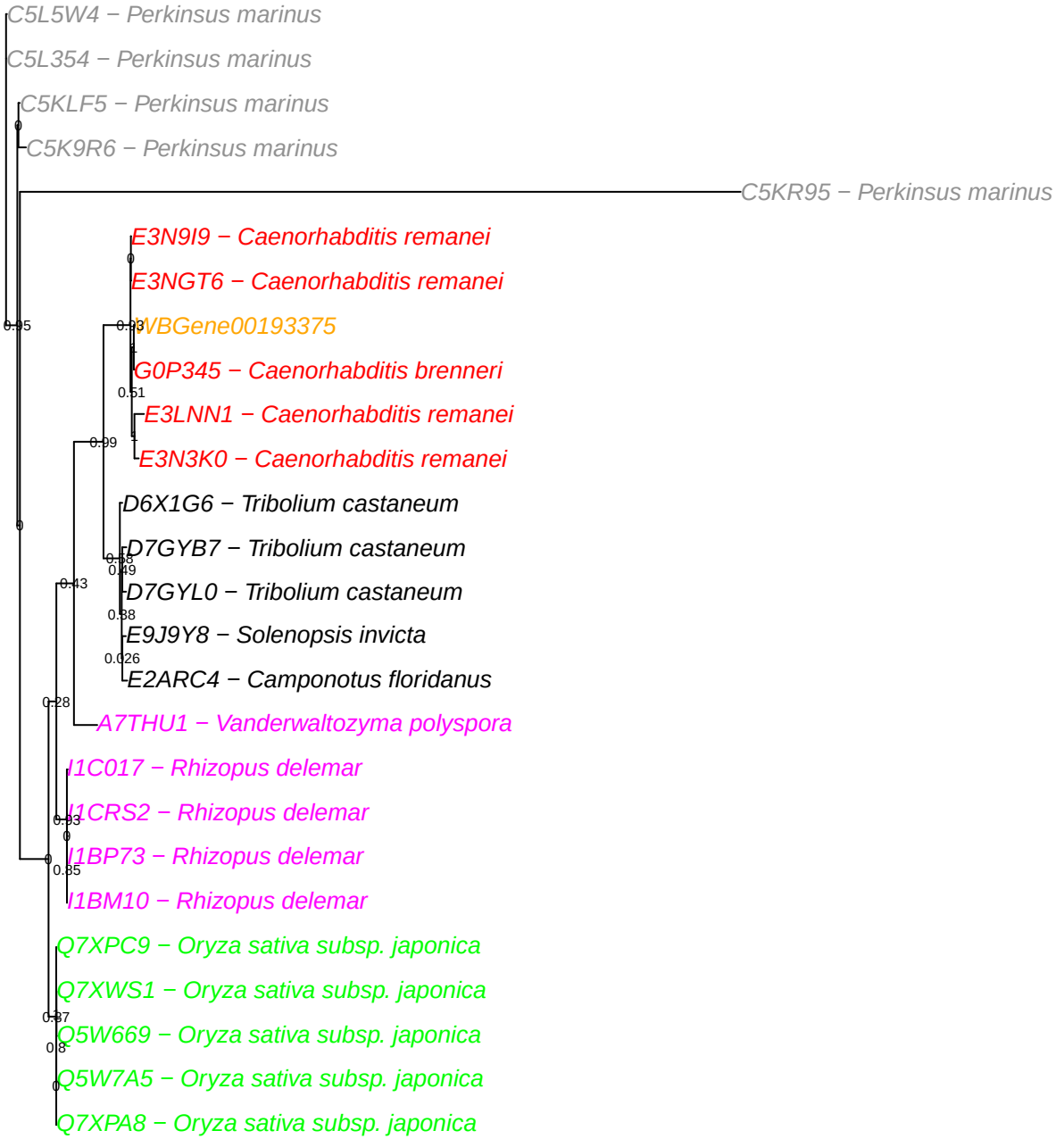

I1C4M1 − Rhizopus delemar
I1CRV5 − Rhizopus delemar
I1CV12 − Rhizopus delemar
I1CMF7 − Rhizopus delemar
H2VZP8 − Caenorhabditis japonica
E3N7S1 − Caenorhabditis remanei
Q2UPL3 − Aspergillus oryzae
E3N6J9 − Caenorhabditis remanei
E3NK95 − Caenorhabditis remanei
WBGene00194347
G0PJR3 − Caenorhabditis brenneri
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D6WY83 − Tribolium castaneum
C5L4J0 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5KMB8 − Perkinsus marinus
0.95
0
0.62
0.86
0.84
0.62
0.86
0.54
0
0.93
0.29

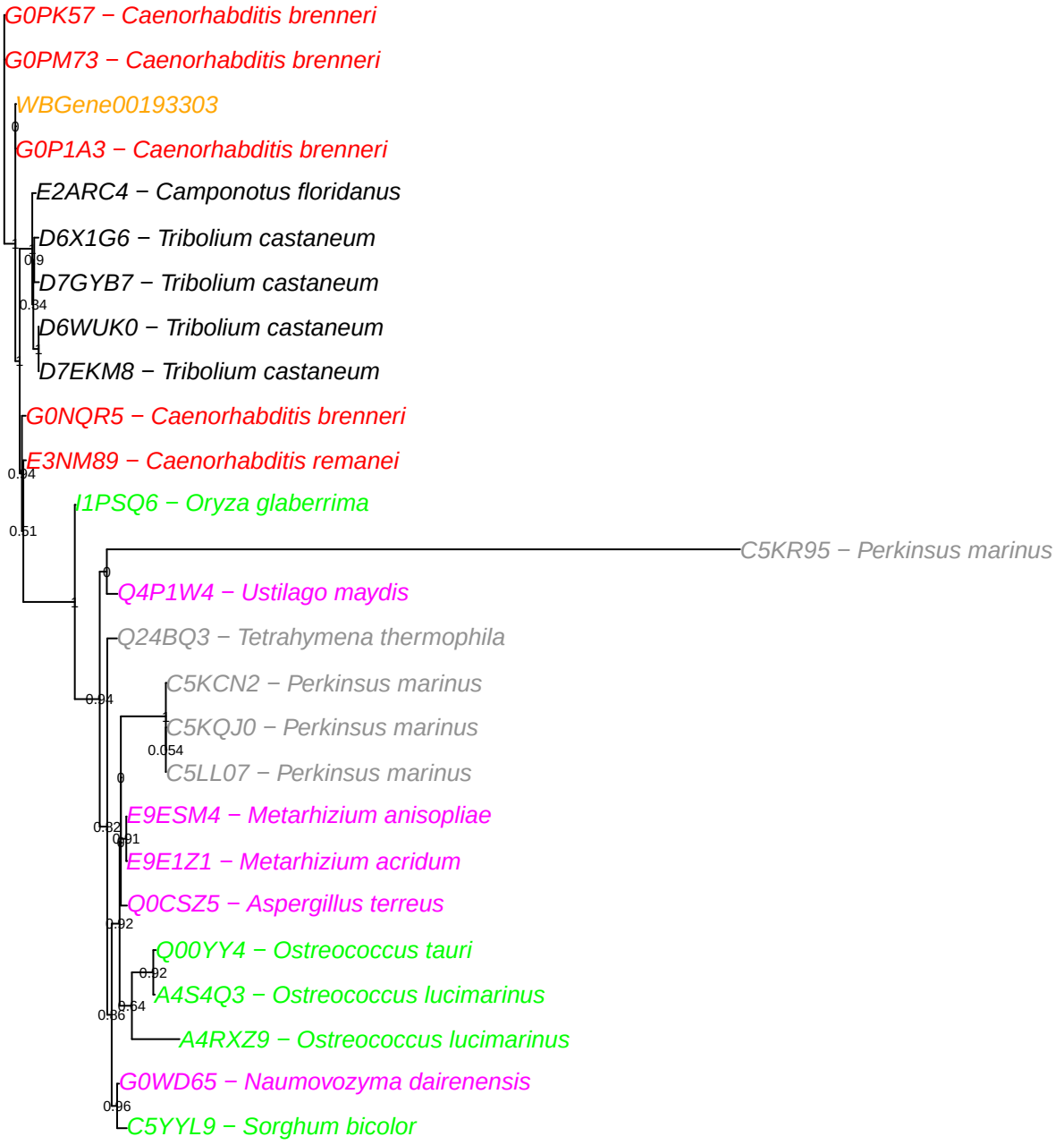

B2WAH7 − Pyrenophora tritici−repentis
E3RCI4 − Pyrenophora teres f. teres
E4ZUT7 − Leptosphaeria maculans
Q0V5K8 − Phaeosphaeria nodorum
F2SMS9 − Trichophyton rubrum
A8XD63 − Caenorhabditis briggsae
E3M0R0 − Caenorhabditis remanei
Q8IA86 − Caenorhabditis elegans
WBGene00194246
G0NIX1 − Caenorhabditis brenneri
G0P531 − Caenorhabditis brenneri
G4Z4C6 − Phytophthora sojae
D0NPP8 − Phytophthora infestans
G1PKF6 − Myotis lucifugus
G3U2Y8 − Loxodonta africana
G3SZS6 − Loxodonta africana
E9JAZ3 − Solenopsis invicta
E1ZY51 − Camponotus floridanus
A5G6N9 − Geobacter uraniireducens
B9M7B8 − Geobacter daltonii
F7XQS6 − Methanosalsum zhilinae
Q12YQ7 − Methanococcoides burtonii
Q46DM1 − Methanosarcina barkeri
Q2FLJ9 − Methanospirillum hungatei JF−1
O27560 − Methanothermobacter thermautotrophicus
D9SCN1 − Gallionella capsiferriformans
G2J4V6 − Pseudogulbenkiania sp.
C7RTE7 − Accumulibacter phosphatis
A4RQL0 − Ostreococcus lucimarinus
Q01GZ3 − Ostreococcus tauri
E1ZE44 − Chlorella variabilis
D8THV5 − Volvox carteri
A8HX15 − Chlamydomonas reinhardtii
F4PJN5 − Dictyostelium fasciculatum
D3BNB3 − Polysphondylium pallidum
D2V346 − Naegleria gruberi
0.57
0.98
0.9
0.67
0.77
0.49
0.87
0.9
0.74
0.61
0.92
0.99
0.94
0.97
0.883
0.28
0.92
0.62

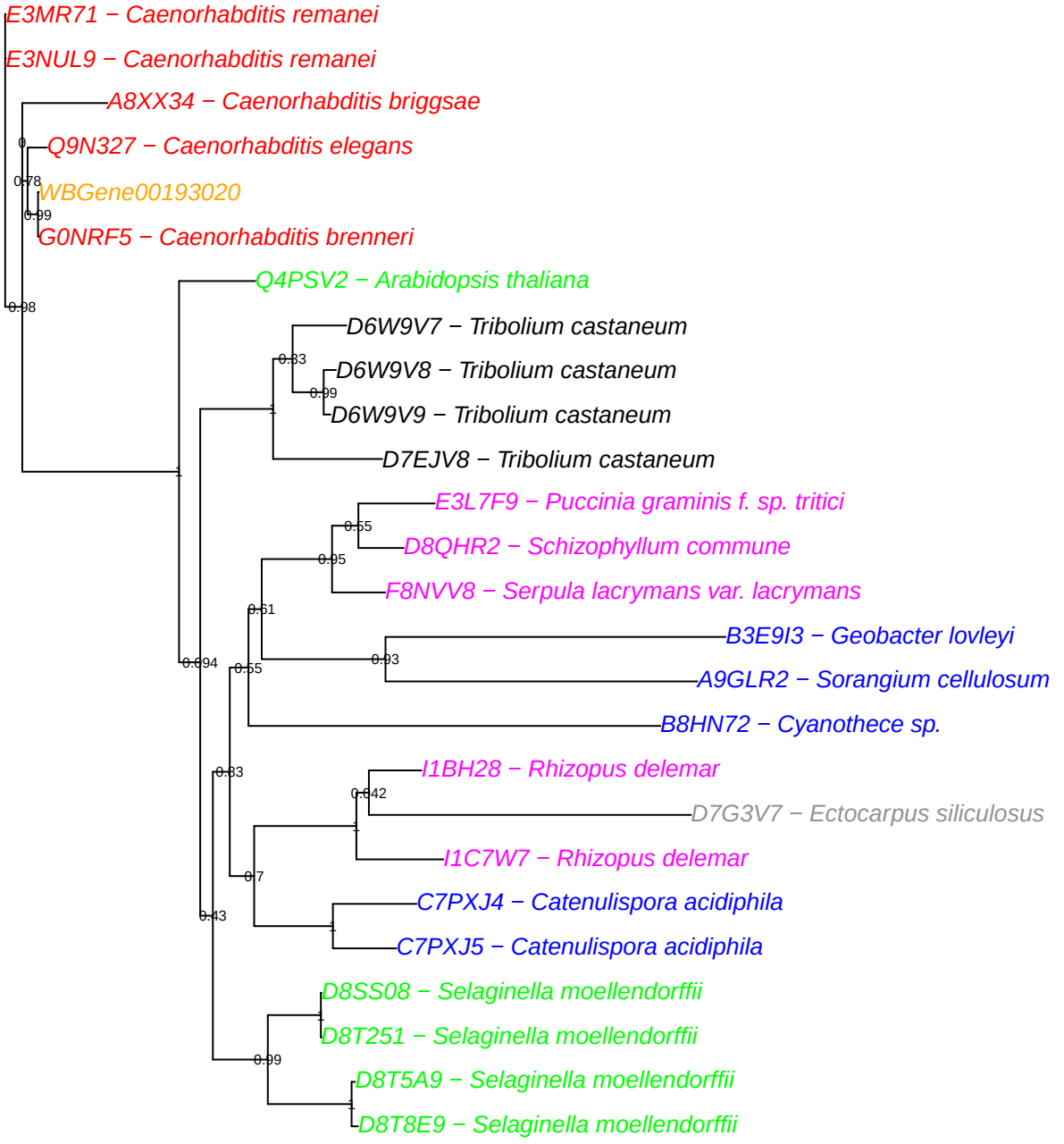

Q75G47 − Oryza sativa subsp. japonica
Q7X805 − Oryza sativa subsp. japonica
E2M0G0 − Moniliophthora perniciosa
E2LY92 − Moniliophthora perniciosa
E2M0M9 − Moniliophthora perniciosa
C5Y183 − Sorghum bicolor
C5Y1M8 − Sorghum bicolor
Q7XW39 − Oryza sativa subsp. japonica
I1CT71 − Rhizopus delemar
I1BHC4 − Rhizopus delemar
C5KRY9 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
E3N204 − Caenorhabditis remanei
WBGene00193842
G0N6A8 − Caenorhabditis brenneri
G0NQR5 − Caenorhabditis brenneri
E3N4X7 − Caenorhabditis remanei
E3NMM6 − Caenorhabditis remanei
D6X1G6 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
C5KMB8 − Perkinsus marinus
C5M148 − Perkinsus marinus
0.76
0.98
0.12
0.56
0.93
0.16
0.92
0.9
0.88
0.12
0.89
0.64
0.78

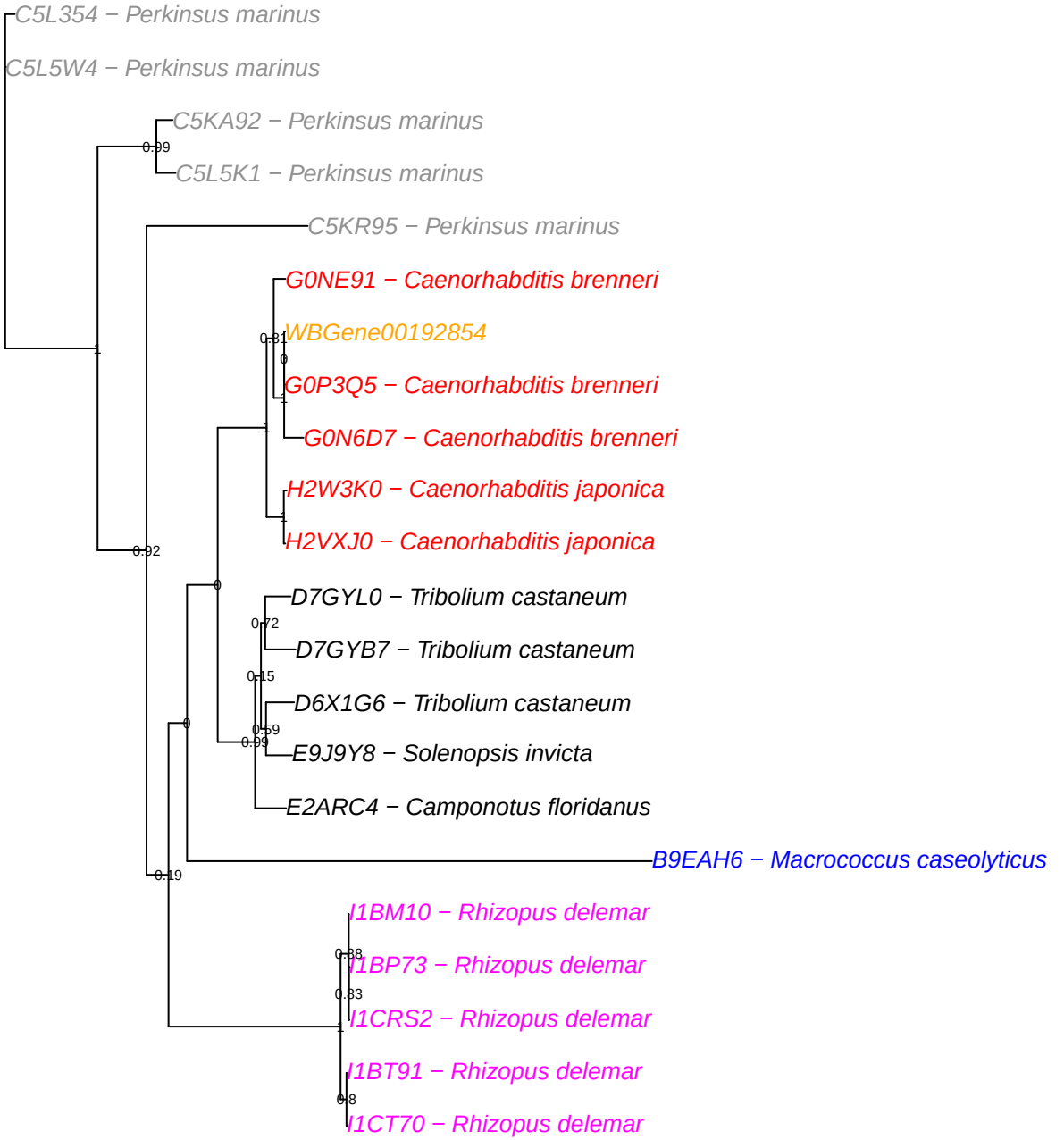

C5LG60 − Perkinsus marinus
C5M0J3 − Perkinsus marinus
I1BT91 − Rhizopus delemar
0.87
I1CT70 − Rhizopus delemar
0.97
I1BY80 − Rhizopus delemar
0.92
I1CB80 − Rhizopus delemar
I1CQY2 − Rhizopus delemar
C5L4J0 − Perkinsus marinus
H2VH79 − Caenorhabditis japonica
WBGene00193649
G0NE91 − Caenorhabditis brenneri
G0P3Q5 − Caenorhabditis brenneri
H2W3K0 − Caenorhabditis japonica
H2VXJ0 − Caenorhabditis japonica
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
0.82
E9J9Y8 − Solenopsis invicta
0.87
D7GYL0 − Tribolium castaneum
0.72
D7GYB7 − Tribolium castaneum
C5LEJ9 − Perkinsus marinus
0.77
C5KRL1 − Perkinsus marinus

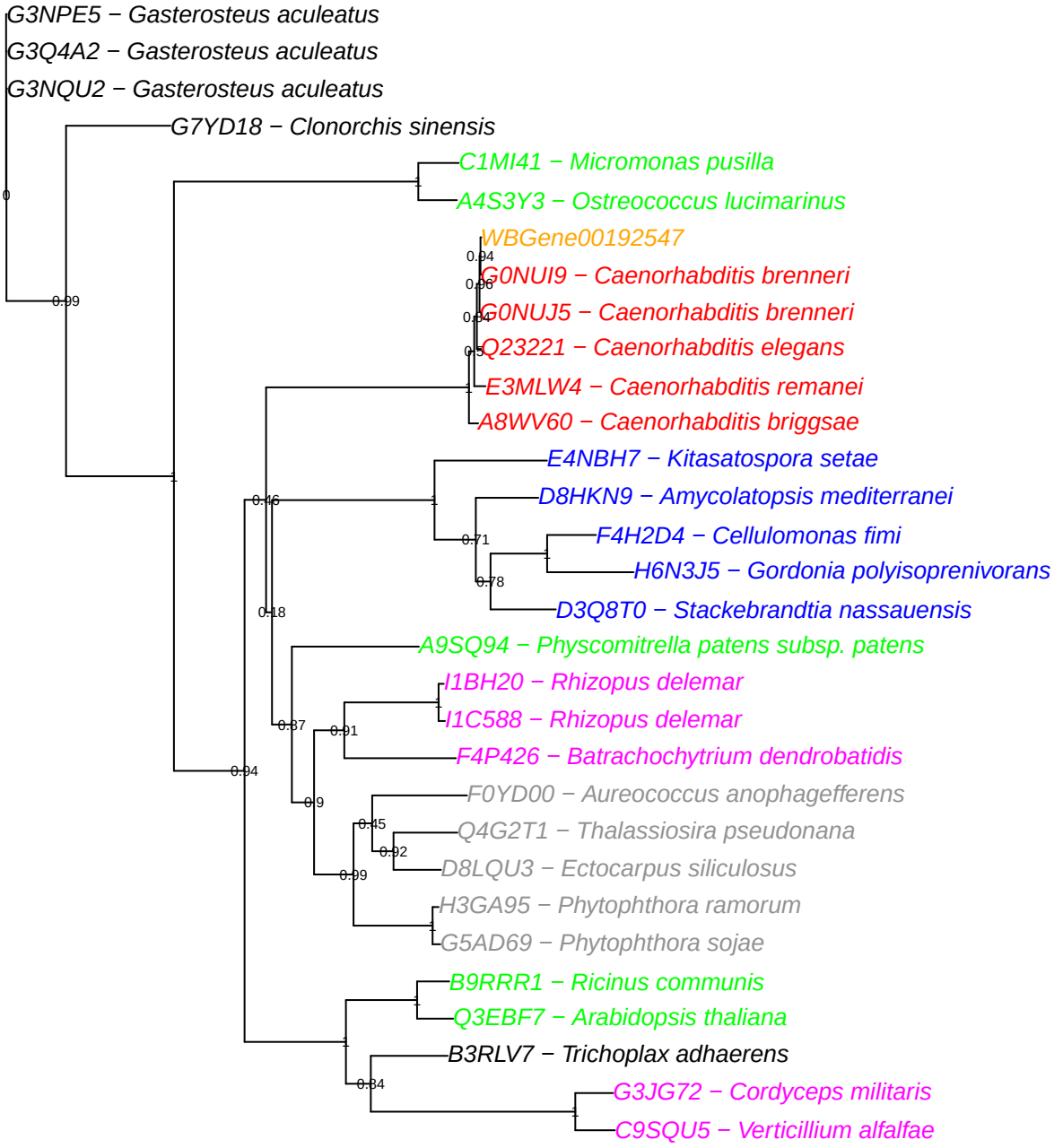

WBGene00193503
G0P0F0 − Caenorhabditis brenneri
G0MRQ9 − Caenorhabditis brenneri
G0PDR0 − Caenorhabditis brenneri
G0PC18 − Caenorhabditis brenneri
G0MUD5 − Caenorhabditis brenneri
E2AZ86 − Camponotus floridanus
H9JGG9 − Bombyx mori
D0P122 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0MT84 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
D7ELD7 − Tribolium castaneum
D7EL80 − Tribolium castaneum
D6WY78 − Tribolium castaneum
H6QRL2 − Puccinia graminis f. sp. tritici
A8NPE0 − Coprinopsis cinerea
Q5B2F2 − Emericella nidulans
I1CUP7 − Rhizopus delemar
I1C3G5 − Rhizopus delemar
Q65XV4 − Oryza sativa subsp. japonica
Q5W673 − Oryza sativa subsp. japonica
C5X4T0 − Sorghum bicolor
C5X9J4 − Sorghum bicolor
Q5VR06 − Oryza sativa subsp. japonica
0.99
0
0.59
0
0.97
0.13
0.683
0.98
0.55
0.33

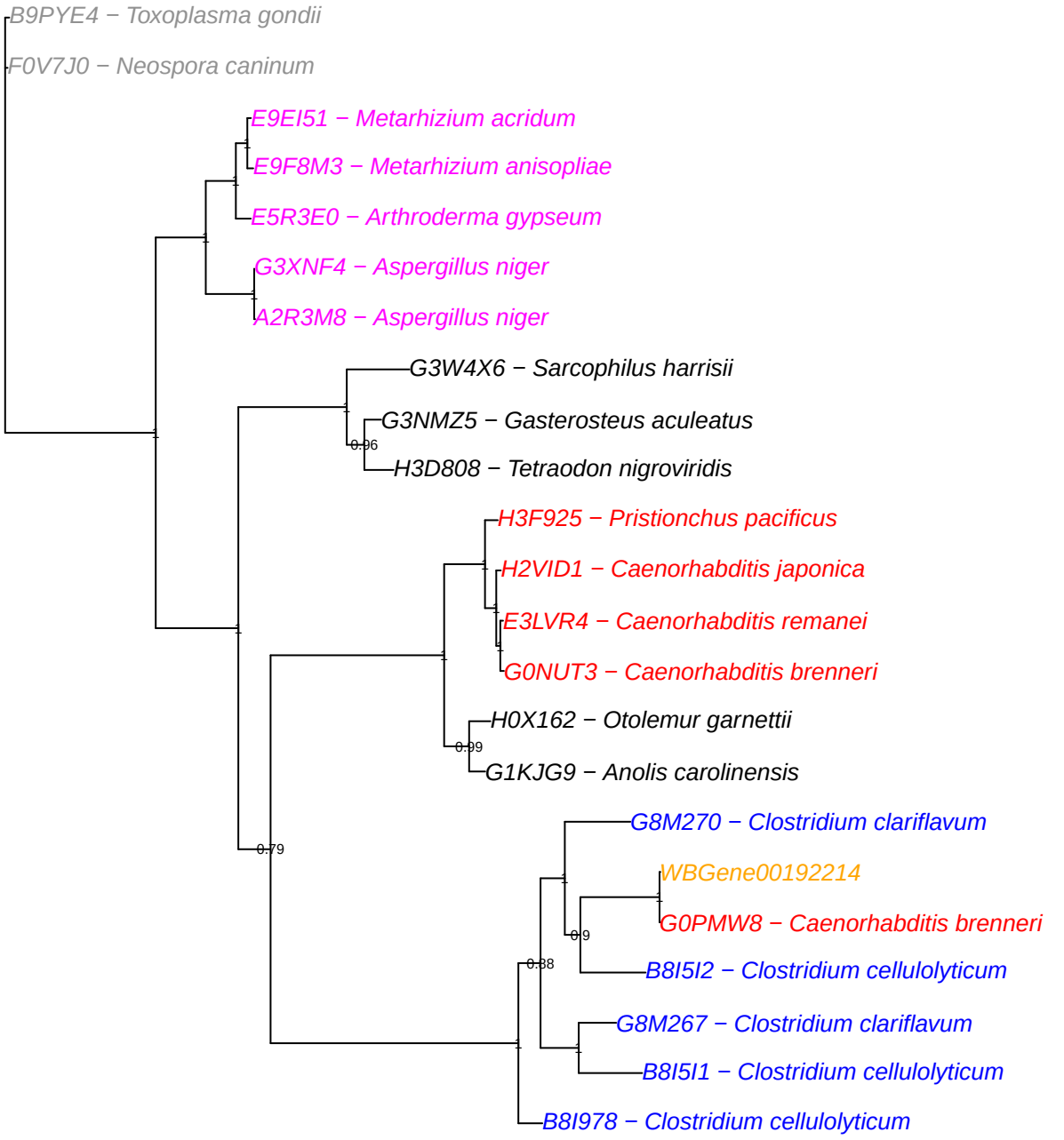

C5L5W4 − Perkinsus marinus
C5L354 − Perkinsus marinus
C5KLF5 − Perkinsus marinus
C5K9R6 − Perkinsus marinus
C5KR95 − Perkinsus marinus
E3N9I9 − Caenorhabditis remanei
E3NGT6 − Caenorhabditis remanei
WBGene00193375
G0P345 − Caenorhabditis brenneri
E3LNN1 − Caenorhabditis remanei
E3N3K0 − Caenorhabditis remanei
D6X1G6 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
A7THU1 − Vanderwaltozyma polyspora
I1C017 − Rhizopus delemar
I1CRS2 − Rhizopus delemar
I1BP73 − Rhizopus delemar
I1BM10 − Rhizopus delemar
Q7XPC9 − Oryza sativa subsp. japonica
Q7XWS1 − Oryza sativa subsp. japonica
Q5W669 − Oryza sativa subsp. japonica
Q5W7A5 − Oryza sativa subsp. japonica
Q7XPA8 − Oryza sativa subsp. japonica

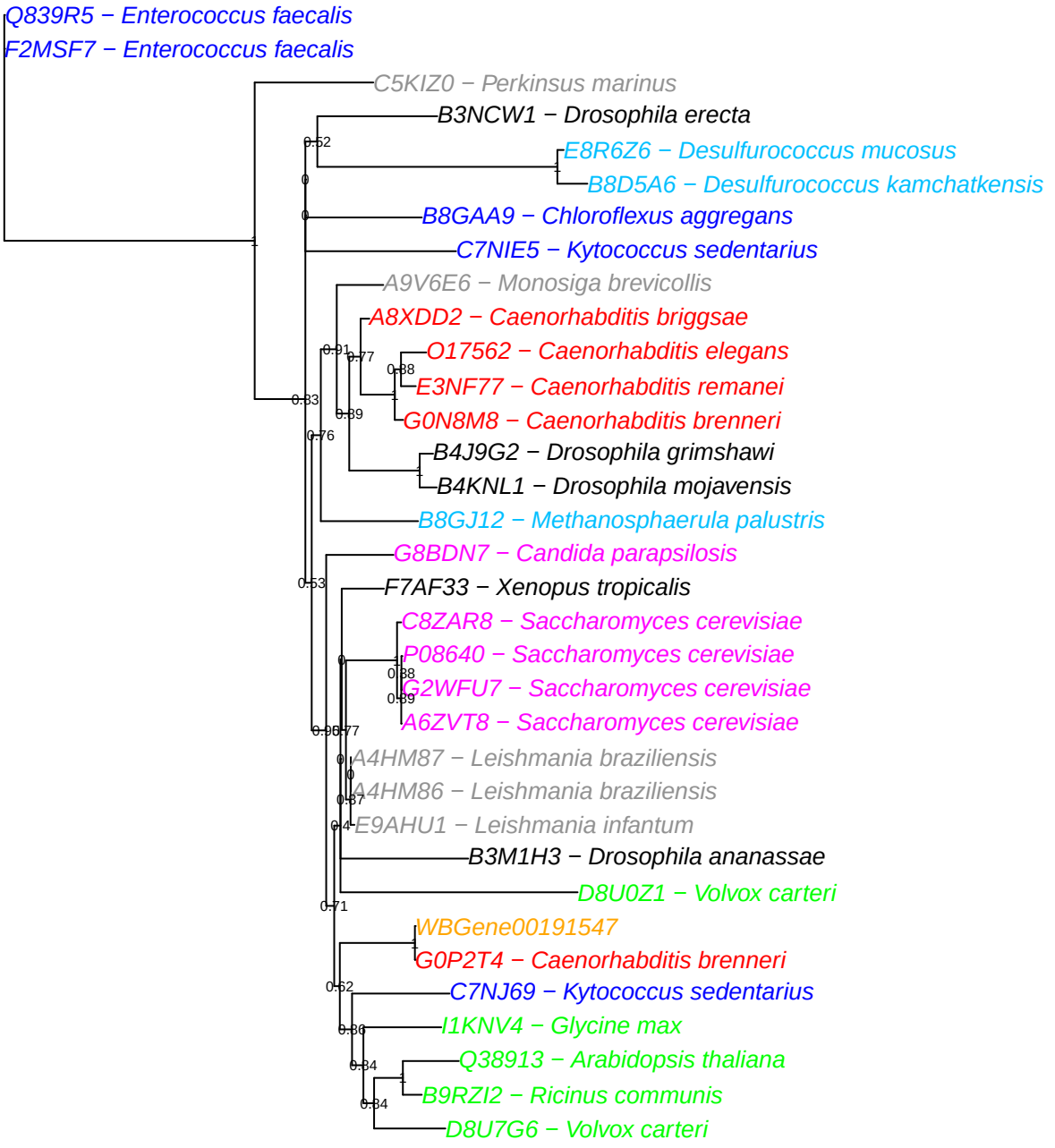

G0PK57 − Caenorhabditis brenneri
G0PM73 − Caenorhabditis brenneri
WBGene00193303
G0P1A3 − Caenorhabditis brenneri
E2ARC4 − Camponotus floridanus
D6X1G6 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
D6WUK0 − Tribolium castaneum
D7EKM8 − Tribolium castaneum
G0NQR5 − Caenorhabditis brenneri
E3NM89 − Caenorhabditis remanei
I1PSQ6 − Oryza glaberrima
C5KR95 − Perkinsus marinus
Q4P1W4 − Ustilago maydis
Q24BQ3 − Tetrahymena thermophila
C5KCN2 − Perkinsus marinus
C5KQJ0 − Perkinsus marinus
C5LL07 − Perkinsus marinus
E9ESM4 − Metarhizium anisopliae
E9E1Z1 − Metarhizium acridum
Q0CSZ5 − Aspergillus terreus
Q00YY4 − Ostreococcus tauri
A4S4Q3 − Ostreococcus lucimarinus
A4RXZ9 − Ostreococcus lucimarinus
G0WD65 − Naumovozyma dairenensis
C5YYL9 − Sorghum bicolor
0
0.9
0.34
1
1
0.94
0.51
0
1
0.94
1
0.054
0
0.92
0.91
0.92
0.92
0.64
0.86
0.96

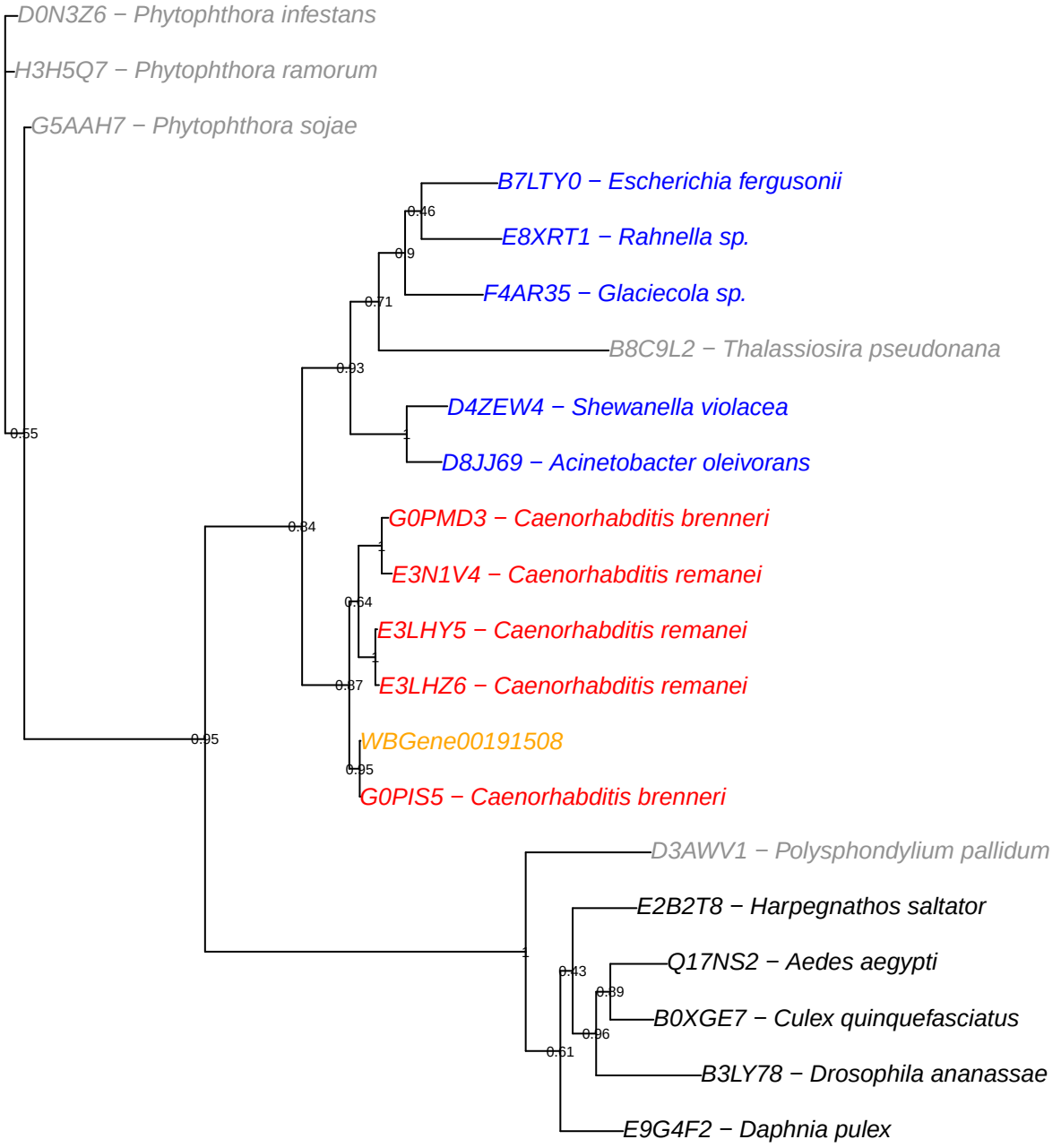

E3MR71 − Caenorhabditis remanei
E3NUL9 − Caenorhabditis remanei
A8XX34 − Caenorhabditis briggsae
Q9N327 − Caenorhabditis elegans
WBGene00193020
G0NRF5 − Caenorhabditis brenneri
Q4PSV2 − Arabidopsis thaliana
D6W9V7 − Tribolium castaneum
D6W9V8 − Tribolium castaneum
D6W9V9 − Tribolium castaneum
D7EJV8 − Tribolium castaneum
E3L7F9 − Puccinia graminis f. sp. tritici
D8QHR2 − Schizophyllum commune
F8NVV8 − Serpula lacrymans var. lacrymans
B3E9I3 − Geobacter lovleyi
A9GLR2 − Sorangium cellulosum
B8HN72 − Cyanothece sp.
I1BH28 − Rhizopus delemar
D7G3V7 − Ectocarpus siliculosus
I1C7W7 − Rhizopus delemar
C7PXJ4 − Catenulispora acidiphila
C7PXJ5 − Catenulispora acidiphila
D8SS08 − Selaginella moellendorffii
D8T251 − Selaginella moellendorffii
D8T5A9 − Selaginella moellendorffii
D8T8E9 − Selaginella moellendorffii
0
0.78
0.99
0.98
0.83
0.99
1
1
0.55
0.95
0.61
0.93
0.094
0.55
0.83
0.642
1
0.7
0.43
1
1
0.99
1

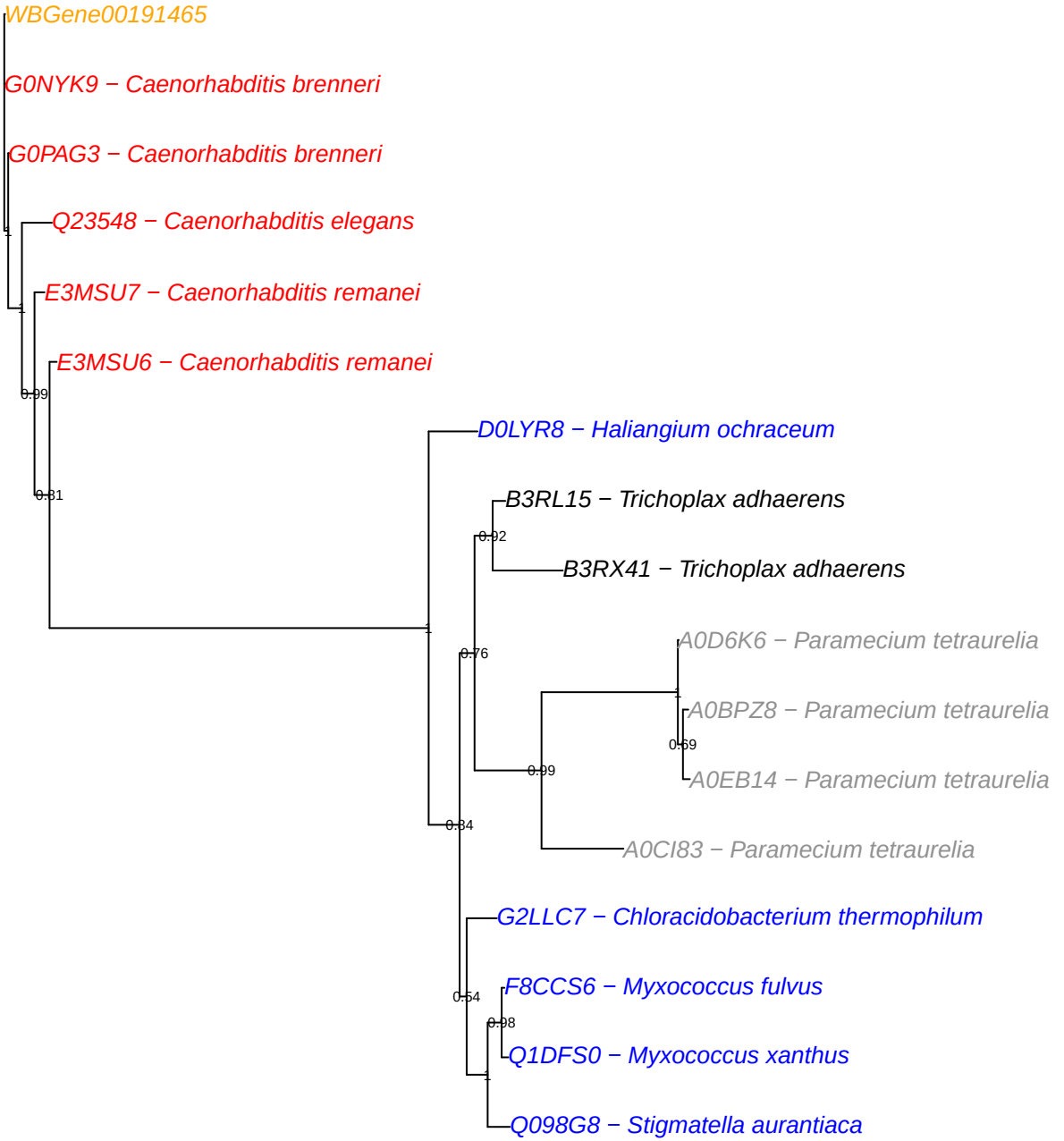

C5L354 − Perkinsus marinus
C5L5W4 − Perkinsus marinus
C5KA92 − Perkinsus marinus
0.99
C5L5K1 − Perkinsus marinus
C5KR95 − Perkinsus marinus
G0NE91 − Caenorhabditis brenneri
WBGene00192854
0.81
0
G0P3Q5 − Caenorhabditis brenneri
1
1
G0N6D7 − Caenorhabditis brenneri
H2W3K0 − Caenorhabditis japonica
1
H2VXJ0 − Caenorhabditis japonica
0.92
0
D7GYL0 − Tribolium castaneum
0.72
D7GYB7 − Tribolium castaneum
0.15
D6X1G6 − Tribolium castaneum
0.59
0.99
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
0
B9EAH6 − Macrococcus caseolyticus
0.19
I1BM10 − Rhizopus delemar
0.88
I1BP73 − Rhizopus delemar
0.83
I1CRS2 − Rhizopus delemar
1
I1BT91 − Rhizopus delemar
0.8
I1CT70 − Rhizopus delemar

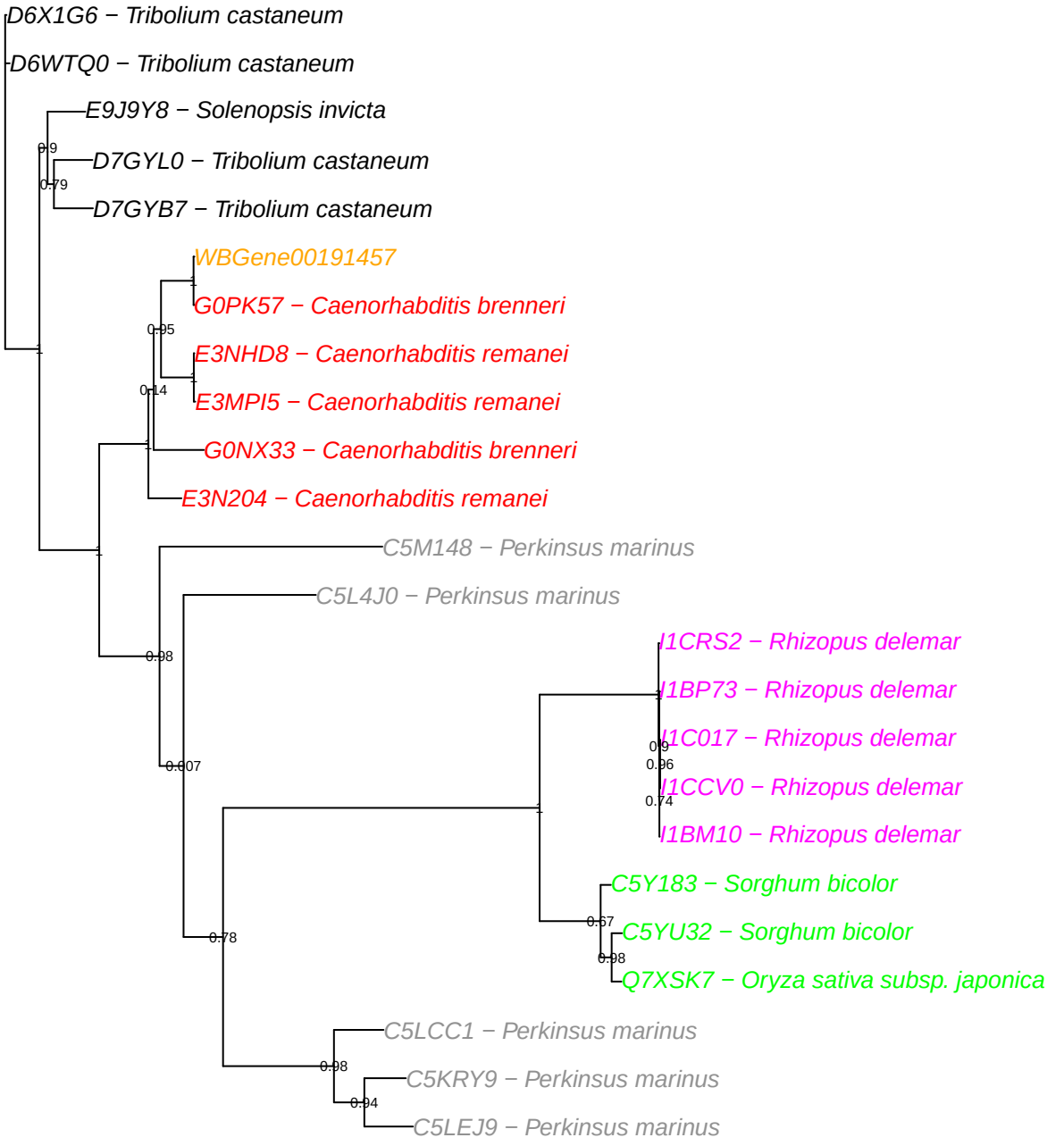

G3NPE5 − Gasterosteus aculeatus
G3Q4A2 − Gasterosteus aculeatus
G3NQU2 − Gasterosteus aculeatus
G7YD18 − Clonorchis sinensis
C1MI41 − Micromonas pusilla
A4S3Y3 − Ostreococcus lucimarinus
WBGene00192547
G0NUI9 − Caenorhabditis brenneri
G0NUJ5 − Caenorhabditis brenneri
Q23221 − Caenorhabditis elegans
E3MLW4 − Caenorhabditis remanei
A8WV60 − Caenorhabditis briggsae
E4NBH7 − Kitasatospora setae
D8HKN9 − Amycolatopsis mediterranei
F4H2D4 − Cellulomonas fimi
H6N3J5 − Gordonia polyisoprenivorans
D3Q8T0 − Stackebrandtia nassauensis
A9SQ94 − Physcomitrella patens subsp. patens
I1BH20 − Rhizopus delemar
I1C588 − Rhizopus delemar
F4P426 − Batrachochytrium dendrobatidis
F0YD00 − Aureococcus anophagefferens
Q4G2T1 − Thalassiosira pseudonana
D8LQU3 − Ectocarpus siliculosus
H3GA95 − Phytophthora ramorum
G5AD69 − Phytophthora sojae
B9RRR1 − Ricinus communis
Q3EBF7 − Arabidopsis thaliana
B3RLV7 − Trichoplax adhaerens
G3JG72 − Cordyceps militaris
C9SQU5 − Verticillium alfalfae
0
0.99
1
0.94
0.96
0.84
0.5
1
0.46
1
0.71
1
0.78
0.18
0.37
0.91
0.94
0.9
0.45
0.92
0.99
1
1
0.84
1

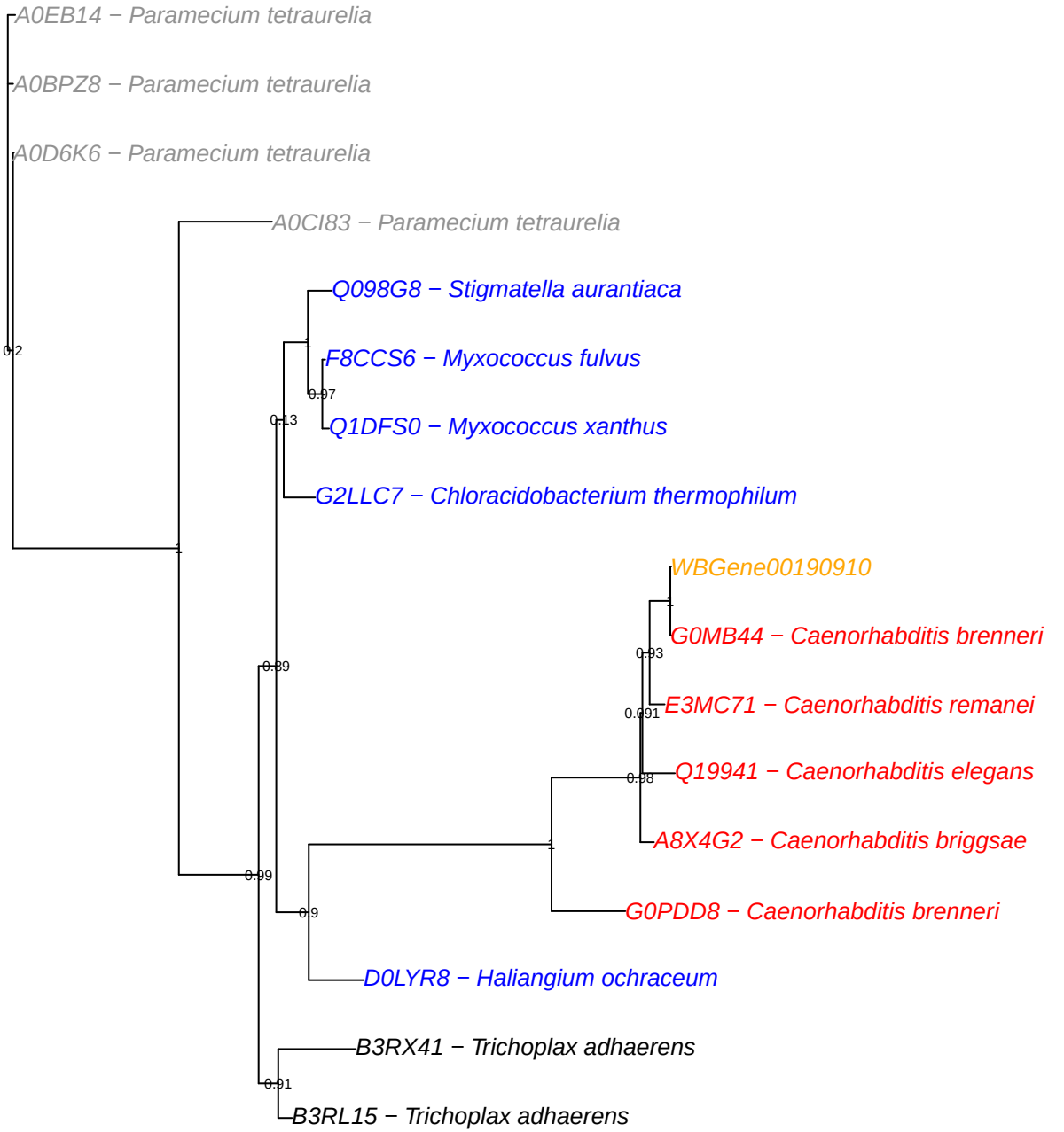

B9PYE4 − Toxoplasma gondii
F0V7J0 − Neospora caninum
E9EI51 − Metarhizium acridum
E9F8M3 − Metarhizium anisopliae
E5R3E0 − Arthroderma gypseum
G3XNF4 − Aspergillus niger
A2R3M8 − Aspergillus niger
G3W4X6 − Sarcophilus harrisii
G3NMZ5 − Gasterosteus aculeatus
0.96
H3D808 − Tetraodon nigroviridis
H3F925 − Pristionchus pacificus
H2VID1 − Caenorhabditis japonica
E3LVR4 − Caenorhabditis remanei
G0NUT3 − Caenorhabditis brenneri
H0X162 − Otolemur garnettii
0.99
G1KJG9 − Anolis carolinensis
G8M270 − Clostridium clariflavum
WBGene00192214
G0PMW8 − Caenorhabditis brenneri
0.9
B8I5I2 − Clostridium cellulolyticum
0.88
G8M267 − Clostridium clariflavum
B8I5I1 − Clostridium cellulolyticum
B8I978 − Clostridium cellulolyticum
0.79

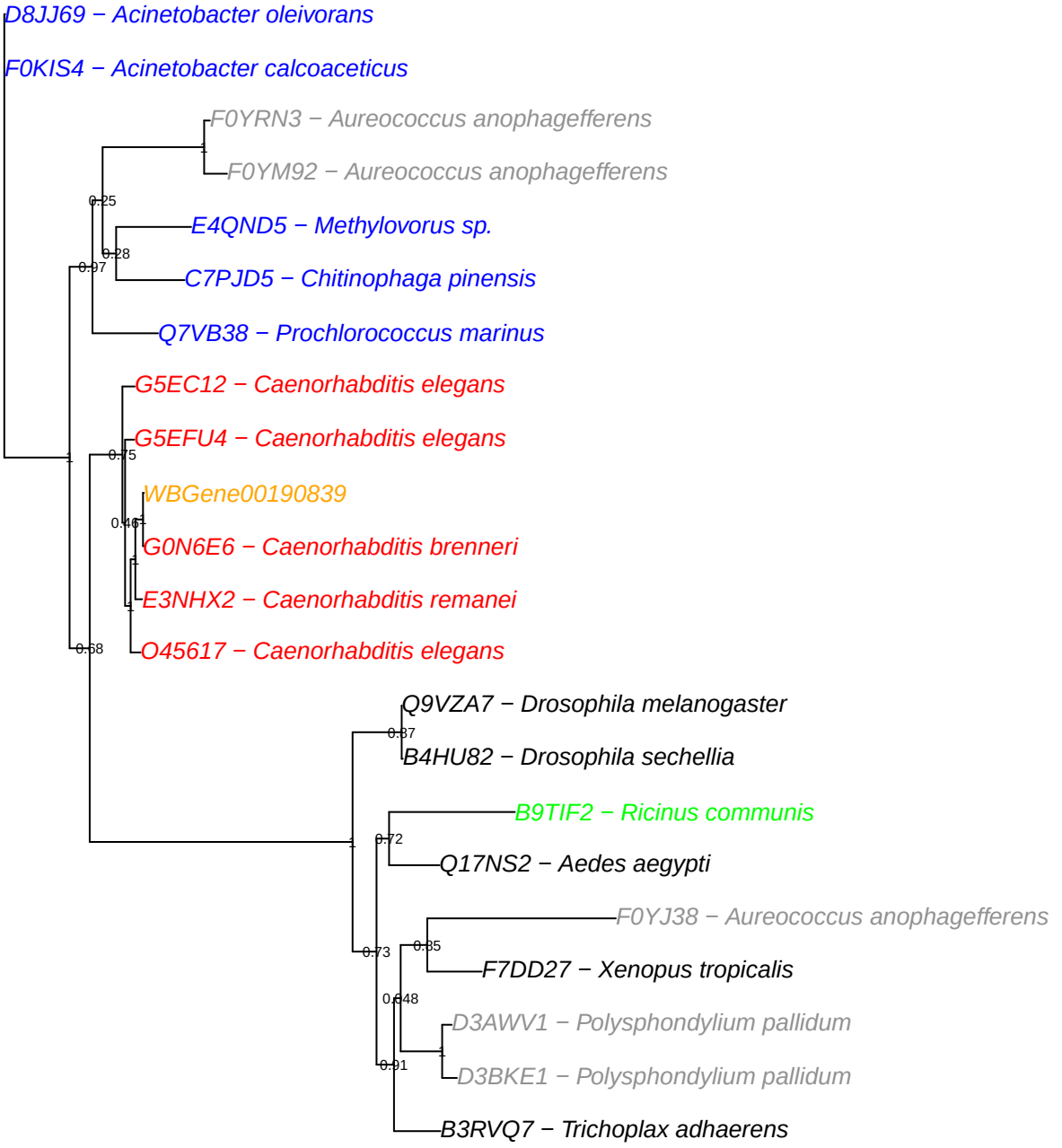

Q839R5 − Enterococcus faecalis
F2MSF7 − Enterococcus faecalis
C5KIZ0 − Perkinsus marinus
B3NCW1 − Drosophila erecta
E8R6Z6 − Desulfurococcus mucosus
B8D5A6 − Desulfurococcus kamchatkensis
B8GAA9 − Chloroflexus aggregans
C7NIE5 − Kytococcus sedentarius
A9V6E6 − Monosiga brevicollis
A8XDD2 − Caenorhabditis briggsae
O17562 − Caenorhabditis elegans
E3NF77 − Caenorhabditis remanei
G0N8M8 − Caenorhabditis brenneri
B4J9G2 − Drosophila grimshawi
B4KNL1 − Drosophila mojavensis
B8GJ12 − Methanosphaerula palustris
G8BDN7 − Candida parapsilosis
F7AF33 − Xenopus tropicalis
C8ZAR8 − Saccharomyces cerevisiae
P08640 − Saccharomyces cerevisiae
G2WFU7 − Saccharomyces cerevisiae
A6ZVT8 − Saccharomyces cerevisiae
A4HM87 − Leishmania braziliensis
A4HM86 − Leishmania braziliensis
E9AHU1 − Leishmania infantum
B3M1H3 − Drosophila ananassae
D8U0Z1 − Volvox carteri
WBGene00191547
G0P2T4 − Caenorhabditis brenneri
C7NJ69 − Kytococcus sedentarius
I1KNV4 − Glycine max
Q38913 − Arabidopsis thaliana
B9RZI2 − Ricinus communis
D8U7G6 − Volvox carteri

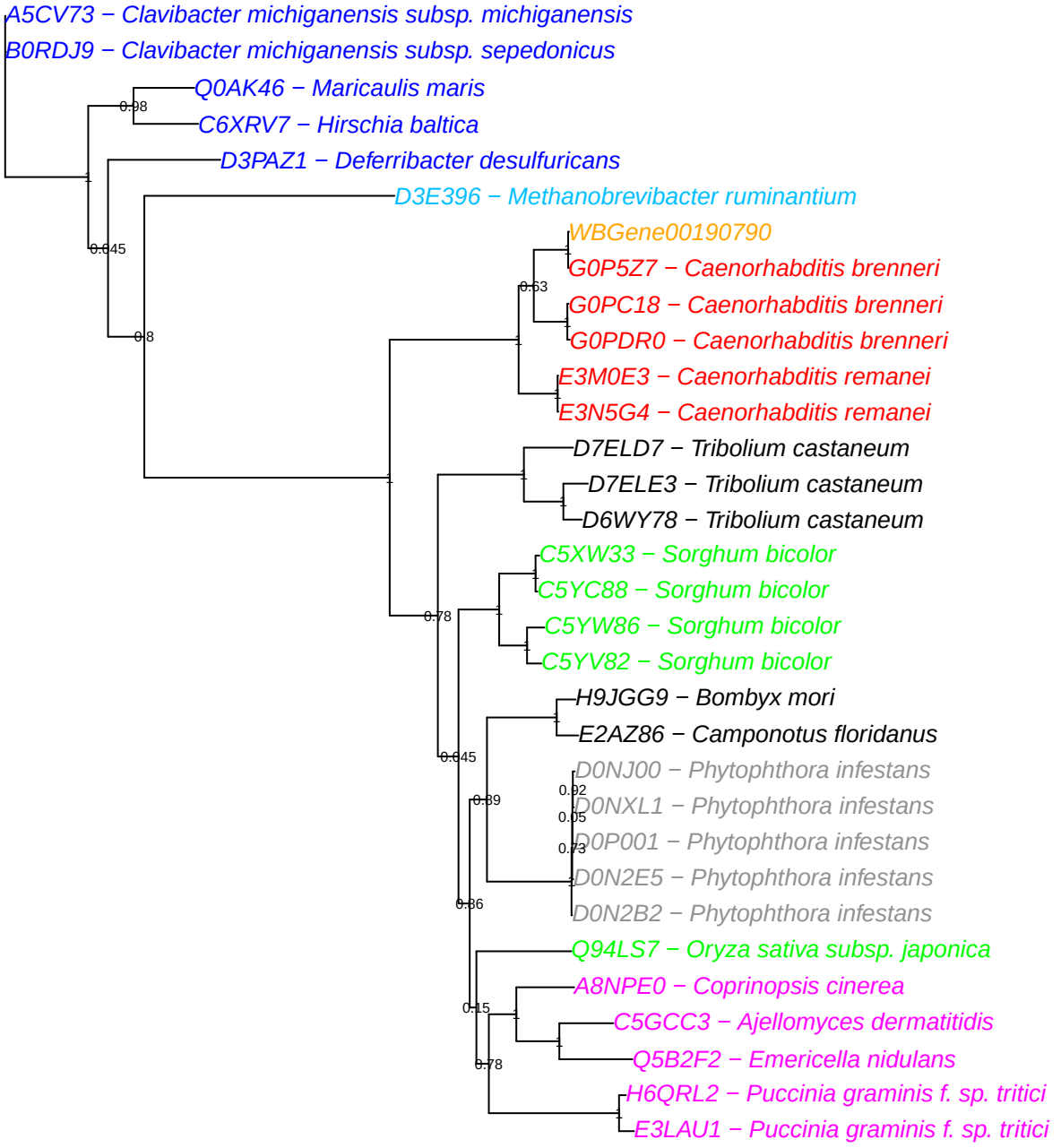

D0N3Z6 − Phytophthora infestans
H3H5Q7 − Phytophthora ramorum
G5AAH7 − Phytophthora sojae
B7LTY0 − Escherichia fergusonii
E8XRT1 − Rahnella sp.
F4AR35 − Glaciecola sp.
B8C9L2 − Thalassiosira pseudonana
D4ZEW4 − Shewanella violacea
D8JJ69 − Acinetobacter oleivorans
G0PMD3 − Caenorhabditis brenneri
E3N1V4 − Caenorhabditis remanei
E3LHY5 − Caenorhabditis remanei
E3LHZ6 − Caenorhabditis remanei
WBGene00191508
G0PIS5 − Caenorhabditis brenneri
D3AWV1 − Polysphondylium pallidum
E2B2T8 − Harpegnathos saltator
Q17NS2 − Aedes aegypti
B0XGE7 − Culex quinquefasciatus
B3LY78 − Drosophila ananassae
E9G4F2 − Daphnia pulex
0.46
0.9
0.71
0.93
0.55
0.84
0.54
0.87
0.95
0.95
0.43
0.89
0.96
0.61

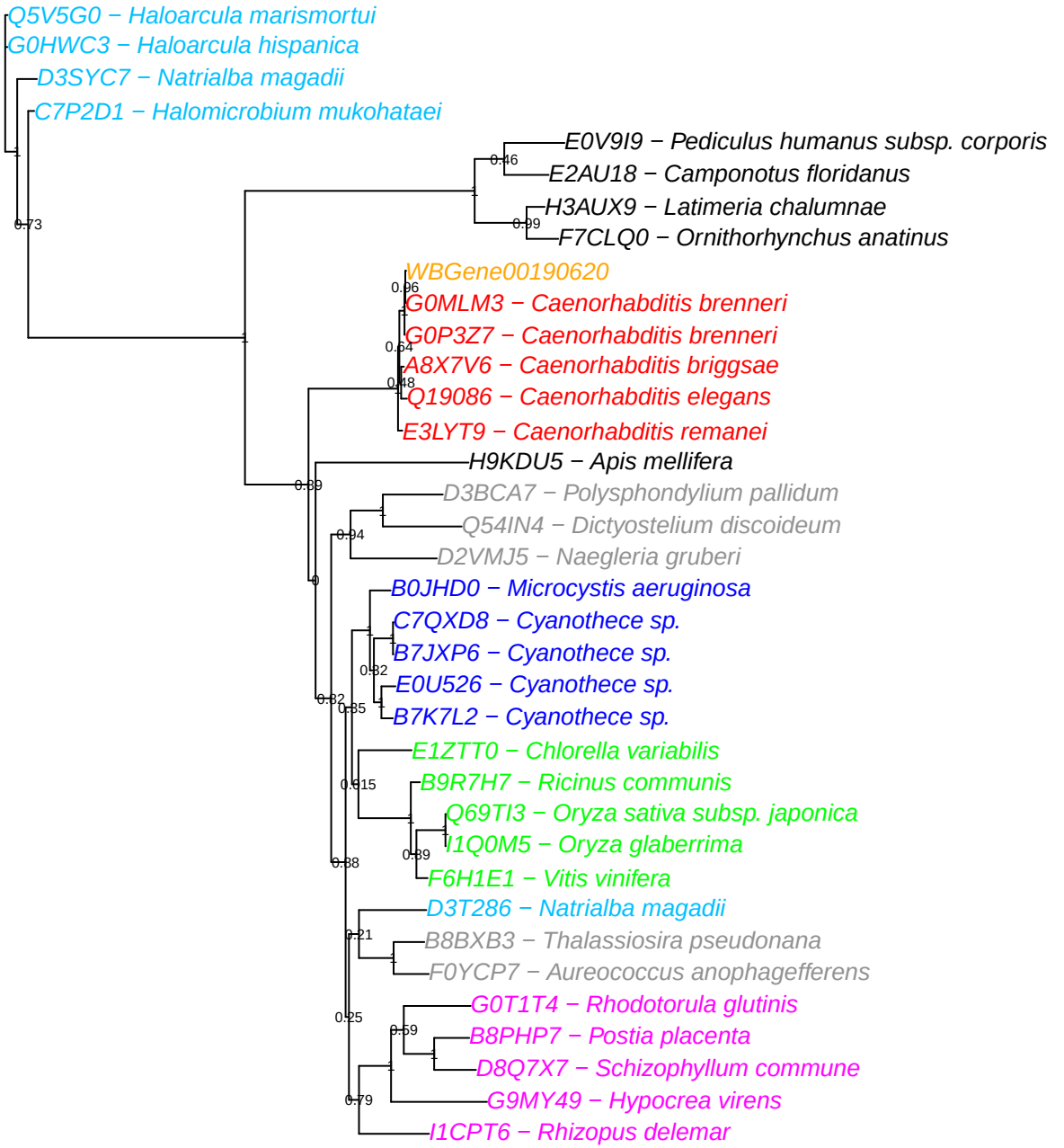

WBGene00191465
G0NYK9 − Caenorhabditis brenneri
G0PAG3 − Caenorhabditis brenneri
Q23548 − Caenorhabditis elegans
E3MSU7 − Caenorhabditis remanei
E3MSU6 − Caenorhabditis remanei
D0LYR8 − Haliangium ochraceum
B3RL15 − Trichoplax adhaerens
B3RX41 − Trichoplax adhaerens
A0D6K6 − Paramecium tetraurelia
A0BPZ8 − Paramecium tetraurelia
A0EB14 − Paramecium tetraurelia
A0CI83 − Paramecium tetraurelia
G2LLC7 − Chloracidobacterium thermophilum
F8CCS6 − Myxococcus fulvus
Q1DFS0 − Myxococcus xanthus
Q098G8 − Stigmatella aurantiaca
1
1
0.99
0.81
1
0.92
0.76
1
0.59
0.99
0.84
0.54
0.98
1

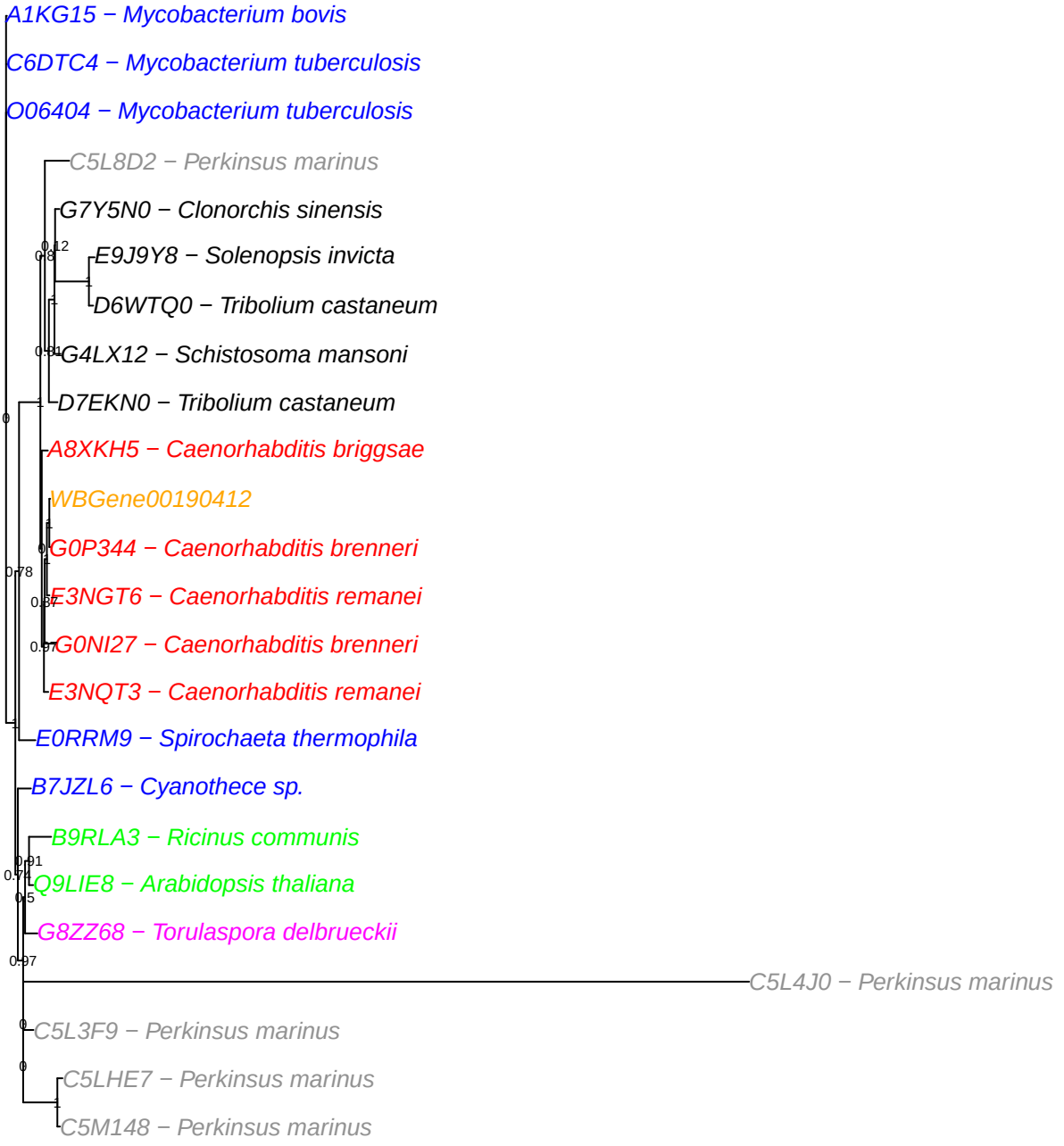

D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
WBGene00191457
G0PK57 − Caenorhabditis brenneri
E3NHD8 − Caenorhabditis remanei
E3MPI5 − Caenorhabditis remanei
G0NX33 − Caenorhabditis brenneri
E3N204 − Caenorhabditis remanei
C5M148 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
I1CRS2 − Rhizopus delemar
I1BP73 − Rhizopus delemar
I1C017 − Rhizopus delemar
I1CCV0 − Rhizopus delemar
I1BM10 − Rhizopus delemar
C5Y183 − Sorghum bicolor
C5YU32 − Sorghum bicolor
Q7XSK7 − Oryza sativa subsp. japonica
C5LCC1 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5LEJ9 − Perkinsus marinus
0.9
0.79
0.95
0.14
0.98
0.007
0.99
0.96
0.74
0.67
0.98
0.78
0.98
0.94

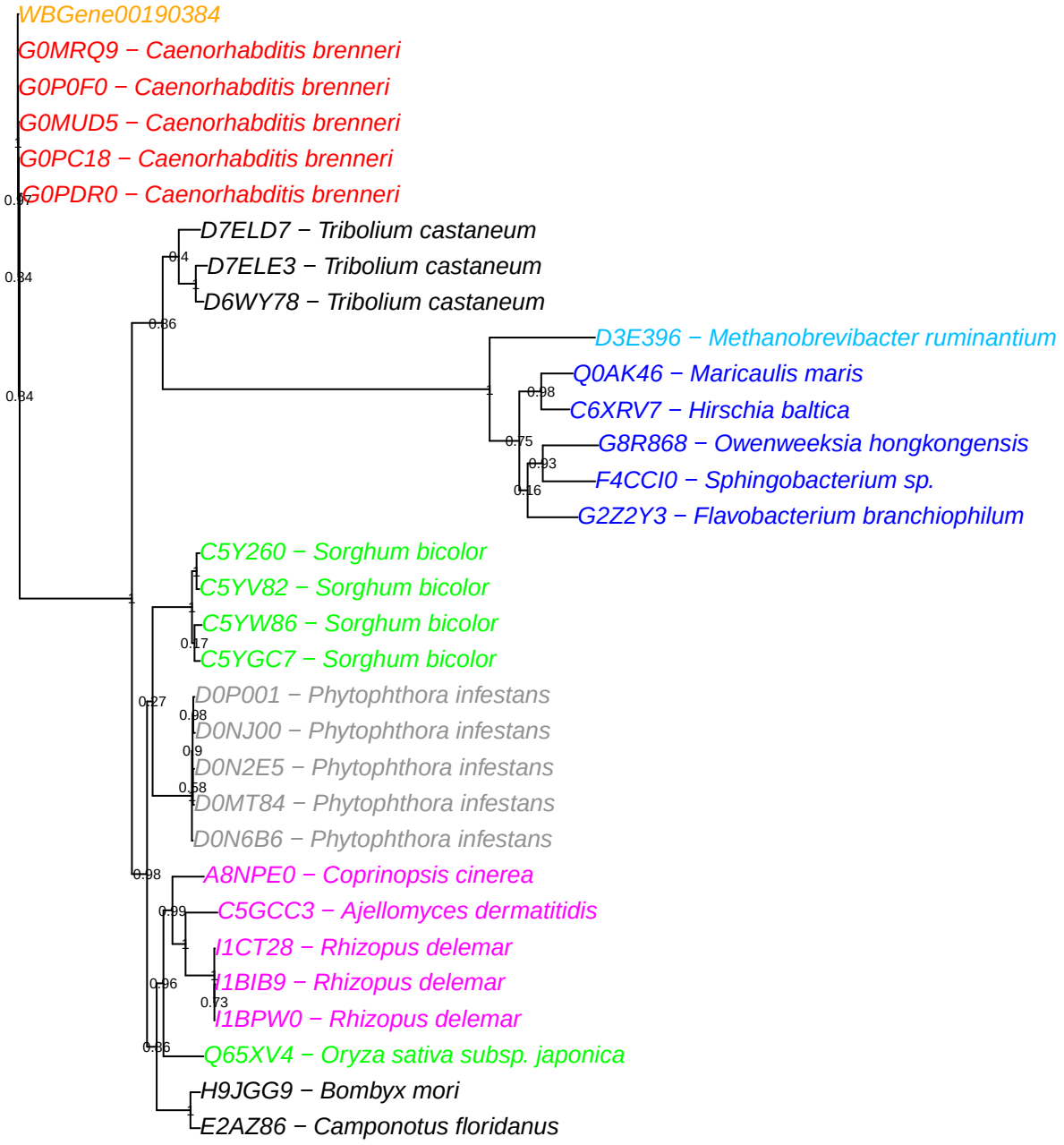

A0EB14 − Paramecium tetraurelia
A0BPZ8 − Paramecium tetraurelia
A0D6K6 − Paramecium tetraurelia
A0CI83 − Paramecium tetraurelia
Q098G8 − Stigmatella aurantiaca
F8CCS6 − Myxococcus fulvus
Q1DFS0 − Myxococcus xanthus
G2LLC7 − Chloracidobacterium thermophilum
WBGene00190910
G0MB44 − Caenorhabditis brenneri
E3MC71 − Caenorhabditis remanei
Q19941 − Caenorhabditis elegans
A8X4G2 − Caenorhabditis briggsae
G0PDD8 − Caenorhabditis brenneri
D0LYR8 − Haliangium ochraceum
B3RX41 − Trichoplax adhaerens
B3RL15 − Trichoplax adhaerens
0.2
1
0.97
0.13
1
0.93
0.091
0.98
1
0.89
0.99
0.9
0.91

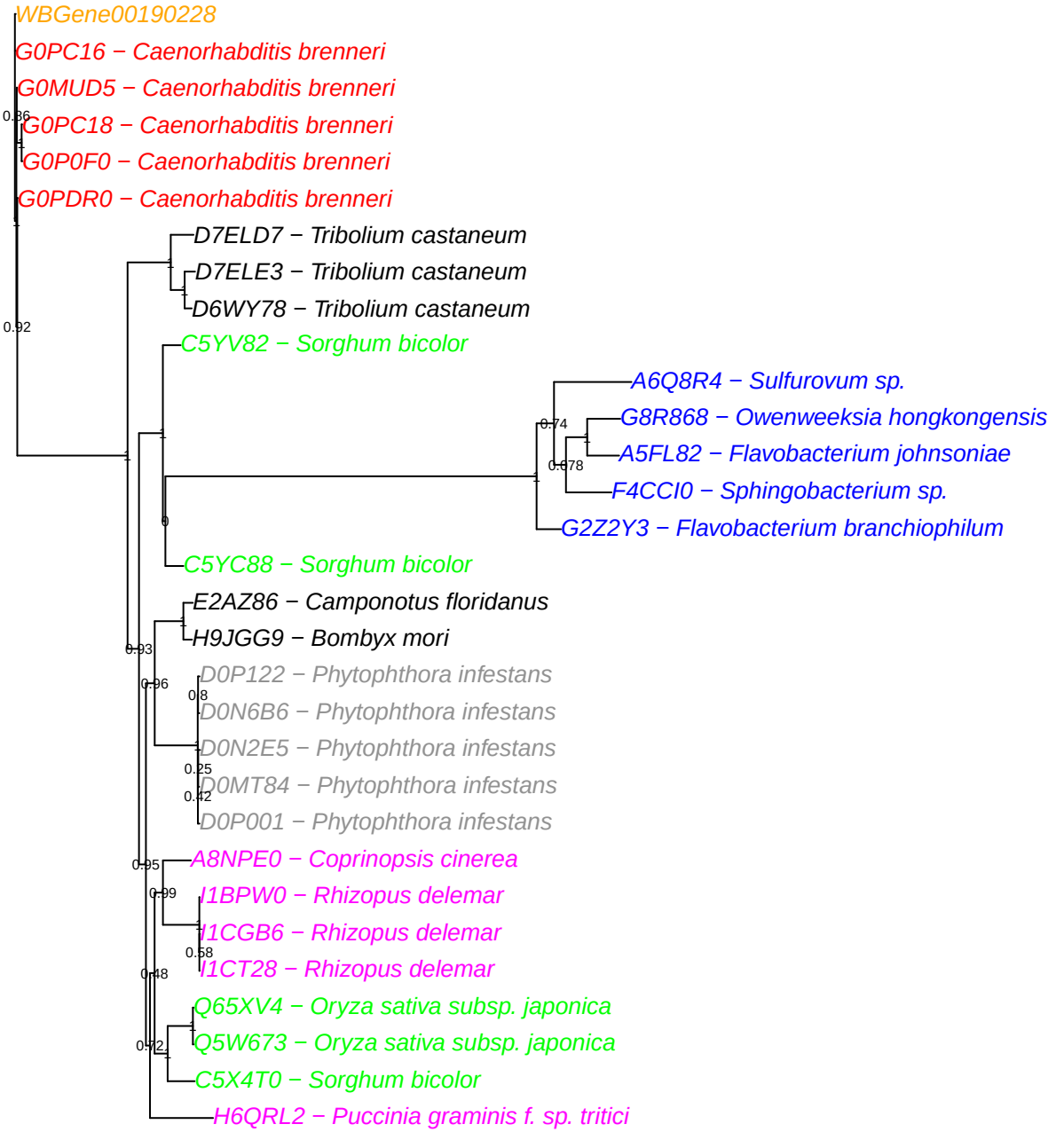

D8JJ69 − Acinetobacter oleivorans
F0KIS4 − Acinetobacter calcoaceticus
F0YRN3 − Aureococcus anophagefferens
F0YM92 − Aureococcus anophagefferens
E4QND5 − Methylovorus sp.
C7PJD5 − Chitinophaga pinensis
Q7VB38 − Prochlorococcus marinus
G5EC12 − Caenorhabditis elegans
G5EFU4 − Caenorhabditis elegans
WBGene00190839
G0N6E6 − Caenorhabditis brenneri
E3NHX2 − Caenorhabditis remanei
O45617 − Caenorhabditis elegans
Q9VZA7 − Drosophila melanogaster
B4HU82 − Drosophila sechellia
B9TIF2 − Ricinus communis
Q17NS2 − Aedes aegypti
F0YJ38 − Aureococcus anophagefferens
F7DD27 − Xenopus tropicalis
D3AWV1 − Polysphondylium pallidum
D3BKE1 − Polysphondylium pallidum
B3RVQ7 − Trichoplax adhaerens
0.25
0.28
0.97
0.75
0.46
0.68
0.87
0.72
0.73
0.35
0.648
0.91

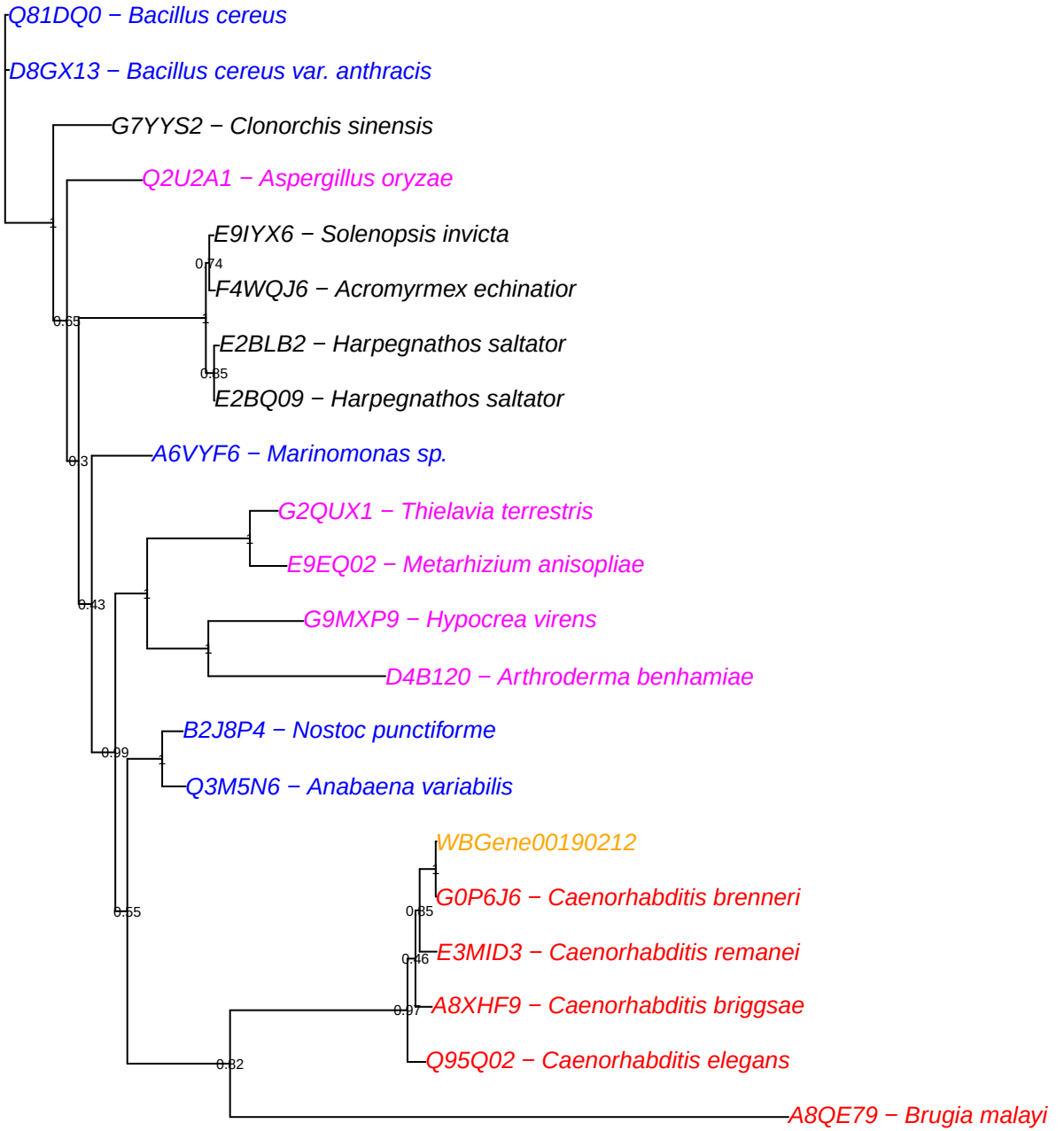

A5CV73 − Clavibacter michiganensis subsp. michiganensis
B0RDJ9 − Clavibacter michiganensis subsp. sepedonicus
Q0AK46 − Maricaulis maris
0.98
C6XRV7 − Hirschia baltica
D3PAZ1 − Deferribacter desulfuricans
D3E396 − Methanobrevibacter ruminantium
WBGene00190790
0.645
G0P5Z7 − Caenorhabditis brenneri
0.53
G0PC18 − Caenorhabditis brenneri
0.8
G0PDR0 − Caenorhabditis brenneri
E3M0E3 − Caenorhabditis remanei
E3N5G4 − Caenorhabditis remanei
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
C5XW33 − Sorghum bicolor
C5YC88 − Sorghum bicolor
0.78
C5YW86 − Sorghum bicolor
C5YV82 − Sorghum bicolor
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus
0.645
D0NJ00 − Phytophthora infestans
0.92
0.89
D0NXL1 − Phytophthora infestans
0.05
D0P001 − Phytophthora infestans
0.73
D0N2E5 − Phytophthora infestans
0.86
D0N2B2 − Phytophthora infestans
Q94LS7 − Oryza sativa subsp. japonica
A8NPE0 − Coprinopsis cinerea
0.15
C5GCC3 − Ajellomyces dermatitidis
Q5B2F2 − Emericella nidulans
0.78
H6QRL2 − Puccinia graminis f. sp. tritici
E3LAU1 − Puccinia graminis f. sp. tritici

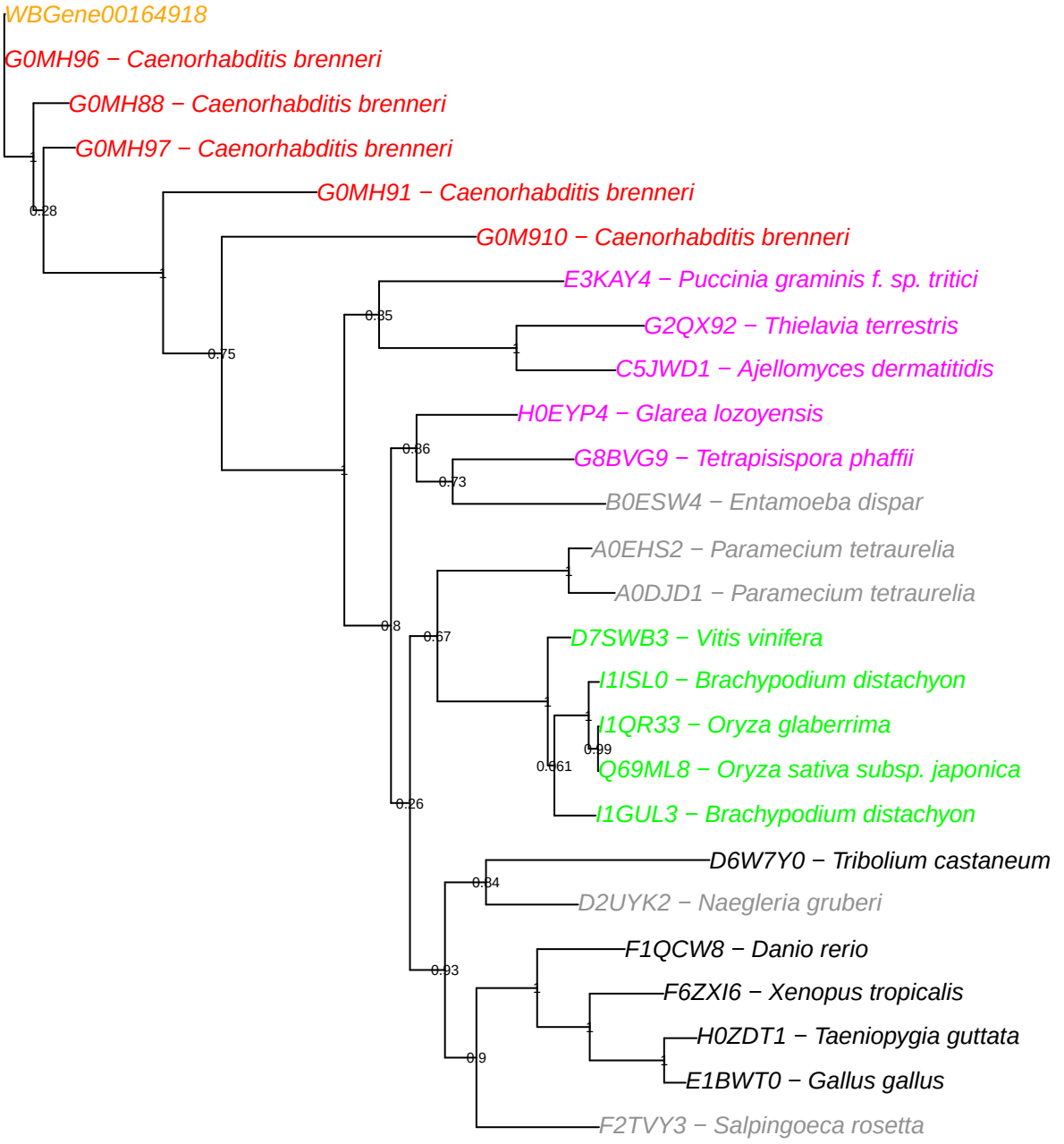

Q5V5G0 − Haloarcula marismortui
G0HWC3 − Haloarcula hispanica
D3SYC7 − Natrialba magadii
C7P2D1 − Halomicrobium mukohataei
E0V9I9 − Pediculus humanus subsp. corporis
E2AU18 − Camponotus floridanus
H3AUX9 − Latimeria chalumnae
F7CLQ0 − Ornithorhynchus anatinus
WBGene00190620
G0MLM3 − Caenorhabditis brenneri
G0P3Z7 − Caenorhabditis brenneri
A8X7V6 − Caenorhabditis briggsae
Q19086 − Caenorhabditis elegans
E3LYT9 − Caenorhabditis remanei
H9KDU5 − Apis mellifera
D3BCA7 − Polysphondylium pallidum
Q54IN4 − Dictyostelium discoideum
D2VMJ5 − Naegleria gruberi
B0JHD0 − Microcystis aeruginosa
C7QXD8 − Cyanothece sp.
B7JXP6 − Cyanothece sp.
E0U526 − Cyanothece sp.
B7K7L2 − Cyanothece sp.
E1ZTT0 − Chlorella variabilis
B9R7H7 − Ricinus communis
Q69TI3 − Oryza sativa subsp. japonica
I1Q0M5 − Oryza glaberrima
F6H1E1 − Vitis vinifera
D3T286 − Natrialba magadii
B8BXB3 − Thalassiosira pseudonana
F0YCP7 − Aureococcus anophagefferens
G0T1T4 − Rhodotorula glutinis
B8PHP7 − Postia placenta
D8Q7X7 − Schizophyllum commune
G9MY49 − Hypocrea virens
I1CPT6 − Rhizopus delemar

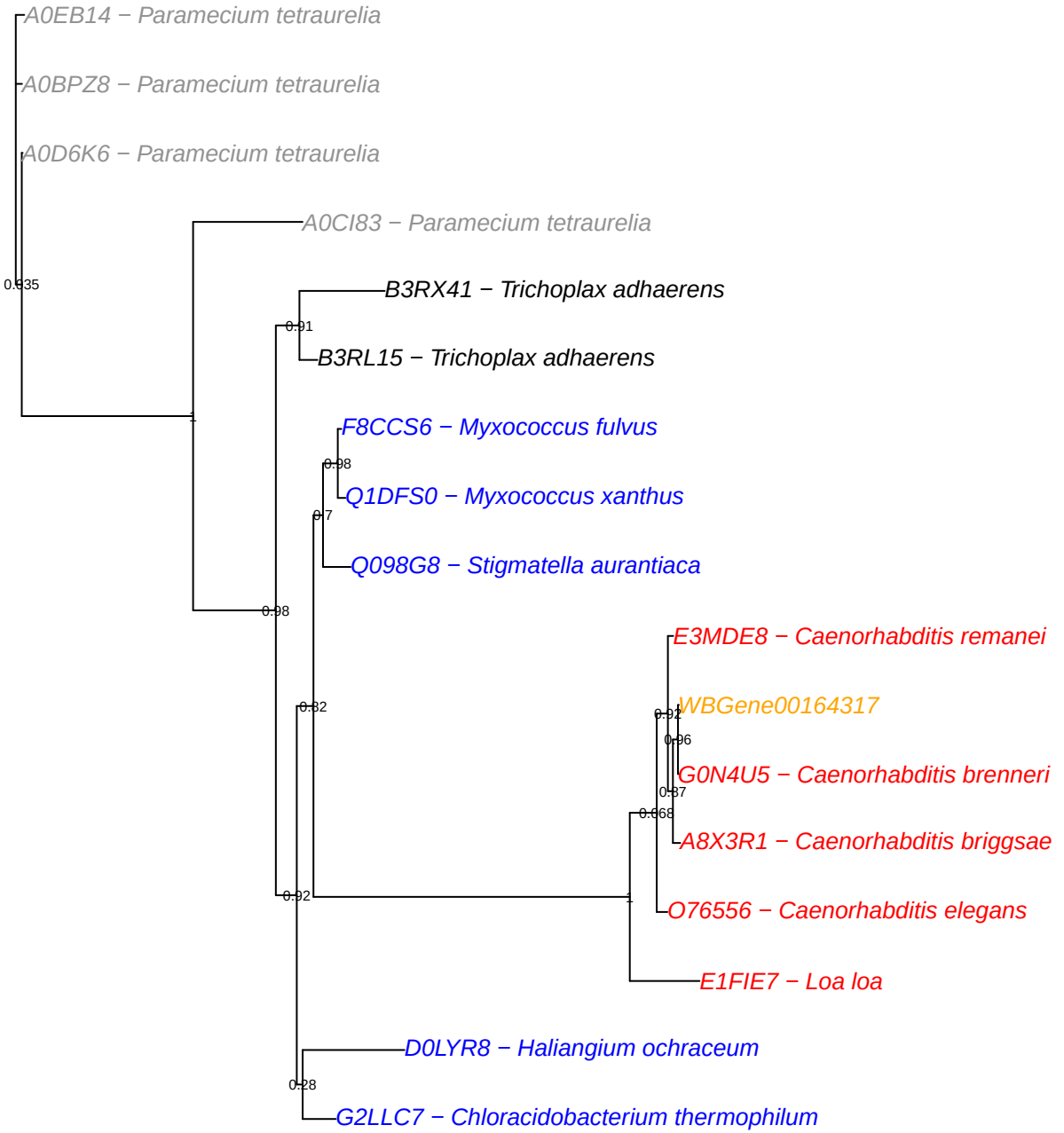

A1KG15 − Mycobacterium bovis
C6DTC4 − Mycobacterium tuberculosis
O06404 − Mycobacterium tuberculosis
C5L8D2 − Perkinsus marinus
G7Y5N0 − Clonorchis sinensis
E9J9Y8 − Solenopsis invicta
D6WTQ0 − Tribolium castaneum
G4LX12 − Schistosoma mansoni
D7EKN0 − Tribolium castaneum
A8XKH5 − Caenorhabditis briggsae
WBGene00190412
G0P344 − Caenorhabditis brenneri
E3NGT6 − Caenorhabditis remanei
G0NI27 − Caenorhabditis brenneri
E3NQT3 − Caenorhabditis remanei
E0RRM9 − Spirochaeta thermophila
B7JZL6 − Cyanothece sp.
B9RLA3 − Ricinus communis
Q9LIE8 − Arabidopsis thaliana
G8ZZ68 − Torulaspora delbrueckii
C5L4J0 − Perkinsus marinus
C5L3F9 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
C5M148 − Perkinsus marinus
0.12
0.98
0.91
0
0.78
0.87
0.97
0.91
0.71
0.5
0.97
0
0

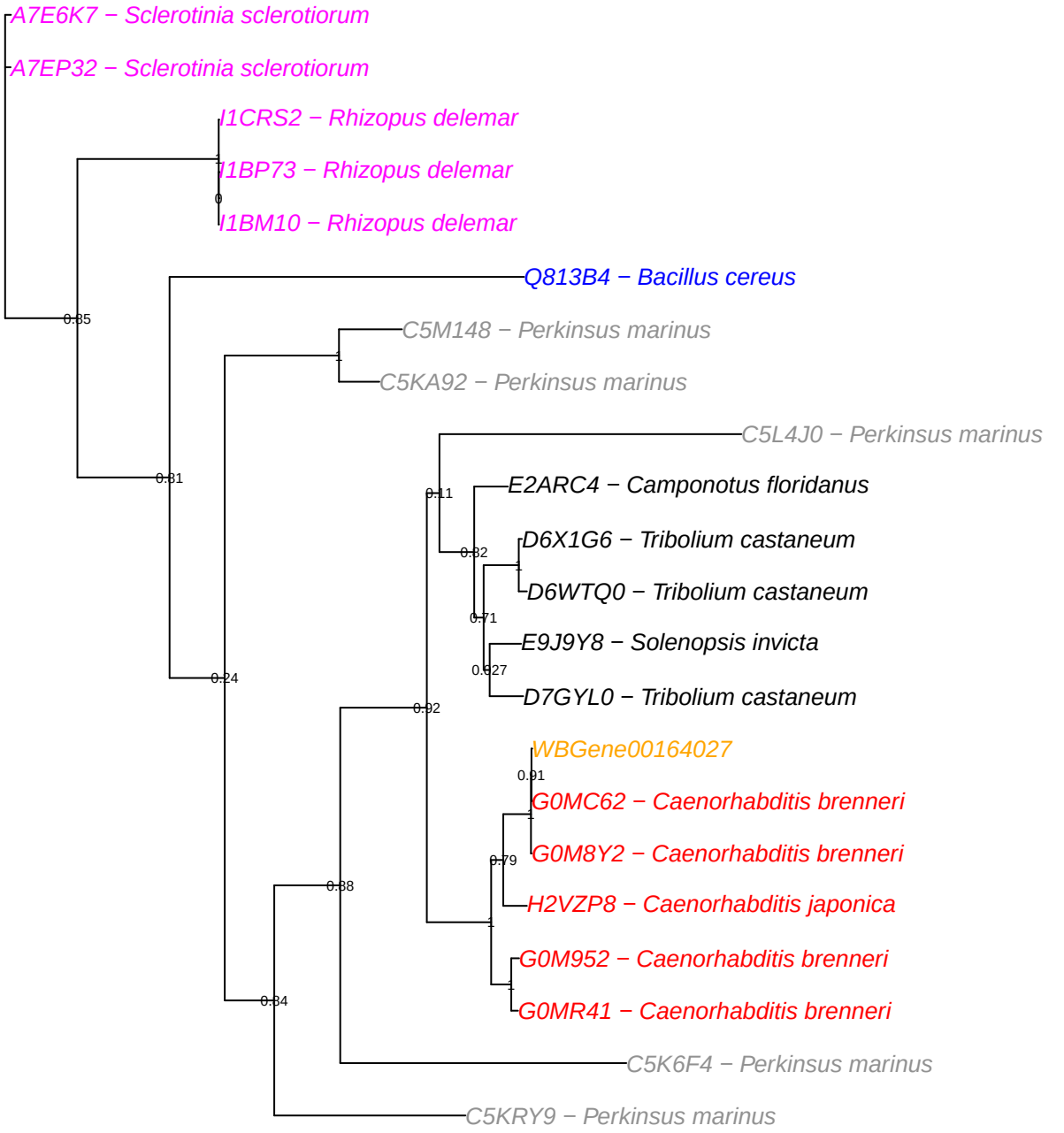

WBGene00190384
G0MRQ9 − Caenorhabditis brenneri
G0P0F0 − Caenorhabditis brenneri
G0MUD5 − Caenorhabditis brenneri
G0PC18 − Caenorhabditis brenneri
G0PDR0 − Caenorhabditis brenneri
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
D3E396 − Methanobrevibacter ruminantium
Q0AK46 − Maricaulis maris
C6XRV7 − Hirschia baltica
G8R868 − Owenweeksia hongkongensis
F4CCI0 − Sphingobacterium sp.
G2Z2Y3 − Flavobacterium branchiophilum
C5Y260 − Sorghum bicolor
C5YV82 − Sorghum bicolor
C5YW86 − Sorghum bicolor
C5YGC7 − Sorghum bicolor
D0P001 − Phytophthora infestans
D0NJ00 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0MT84 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
A8NPE0 − Coprinopsis cinerea
C5GCC3 − Ajellomyces dermatitidis
I1CT28 − Rhizopus delemar
I1BIB9 − Rhizopus delemar
I1BPW0 − Rhizopus delemar
Q65XV4 − Oryza sativa subsp. japonica
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus

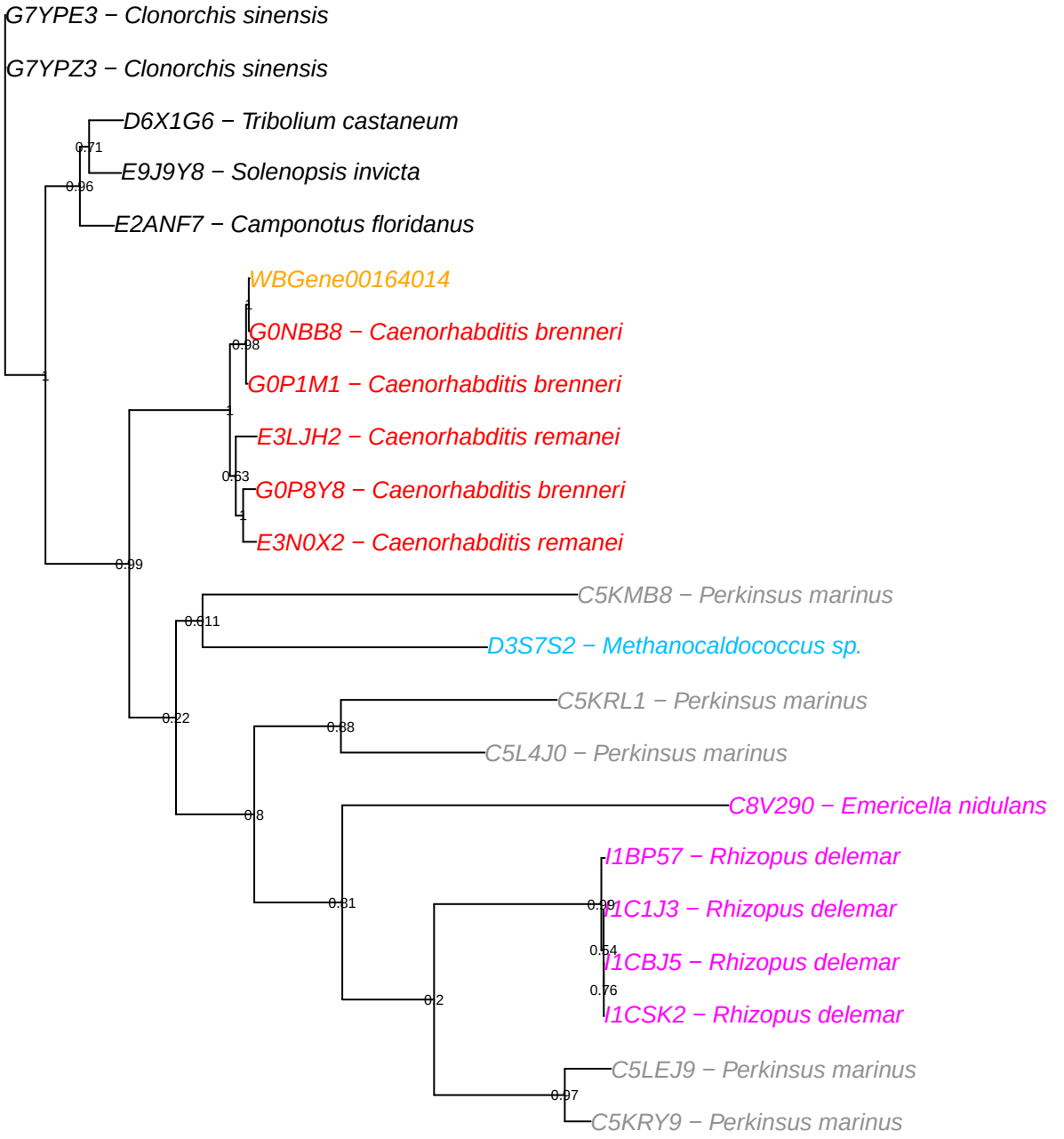

WBGene00190228
G0PC16 − Caenorhabditis brenneri
G0MUD5 − Caenorhabditis brenneri
G0PC18 − Caenorhabditis brenneri
G0P0F0 − Caenorhabditis brenneri
G0PDR0 − Caenorhabditis brenneri
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
C5YV82 − Sorghum bicolor
A6Q8R4 − Sulfurovum sp.
G8R868 − Owenweeksia hongkongensis
A5FL82 − Flavobacterium johnsoniae
F4CCI0 − Sphingobacterium sp.
G2Z2Y3 − Flavobacterium branchiophilum
C5YC88 − Sorghum bicolor
E2AZ86 − Camponotus floridanus
H9JGG9 − Bombyx mori
D0P122 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0MT84 − Phytophthora infestans
D0P001 − Phytophthora infestans
A8NPE0 − Coprinopsis cinerea
I1BPW0 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
I1CT28 − Rhizopus delemar
Q65XV4 − Oryza sativa subsp. japonica
Q5W673 − Oryza sativa subsp. japonica
C5X4T0 − Sorghum bicolor
H6QRL2 − Puccinia graminis f. sp. tritici
0.96
0.92
0.74
0.678
0
0.93
0.96
0.8
0.25
0.42
0.95
0.99
0.58
0.48
0.72

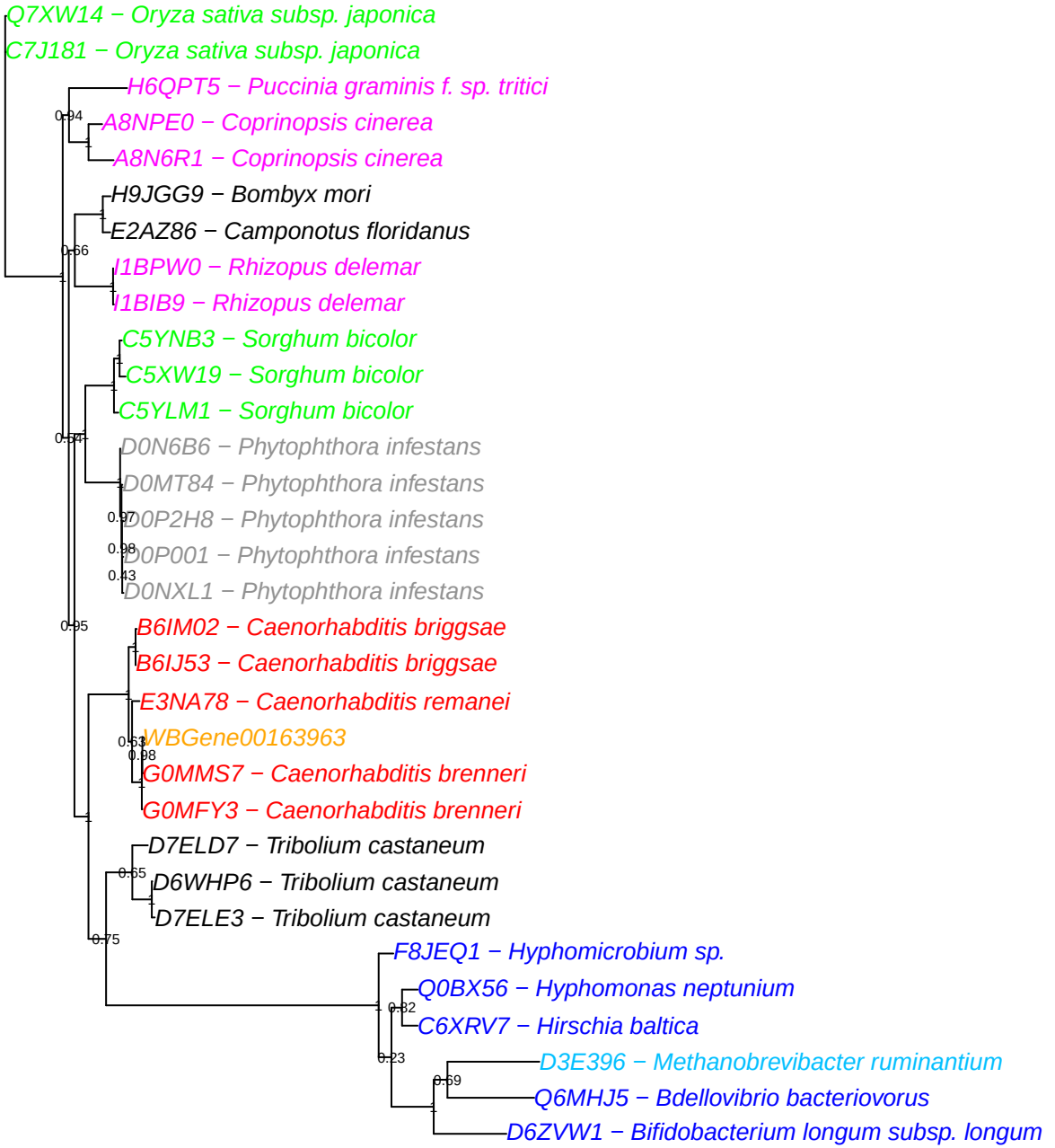

Q81DQ0 − Bacillus cereus
D8GX13 − Bacillus cereus var. anthracis
G7YYS2 − Clonorchis sinensis
Q2U2A1 − Aspergillus oryzae
E9IYX6 − Solenopsis invicta
0.74
F4WQJ6 − Acromyrmex echinatior
0.65
E2BLB2 − Harpegnathos saltator
0.85
E2BQ09 − Harpegnathos saltator
0.3
A6VYF6 − Marinomonas sp.
G2QUX1 − Thielavia terrestris
E9EQ02 − Metarhizium anisopliae
0.43
G9MXP9 − Hypocrea virens
D4B120 − Arthroderma benhamiae
B2J8P4 − Nostoc punctiforme
0.99
Q3M5N6 − Anabaena variabilis
WBGene00190212
G0P6J6 − Caenorhabditis brenneri
0.55
0.85
E3MID3 − Caenorhabditis remanei
0.46
A8XHF9 − Caenorhabditis briggsae
0.97
Q95Q02 − Caenorhabditis elegans
0.82
A8QE79 − Brugia malayi

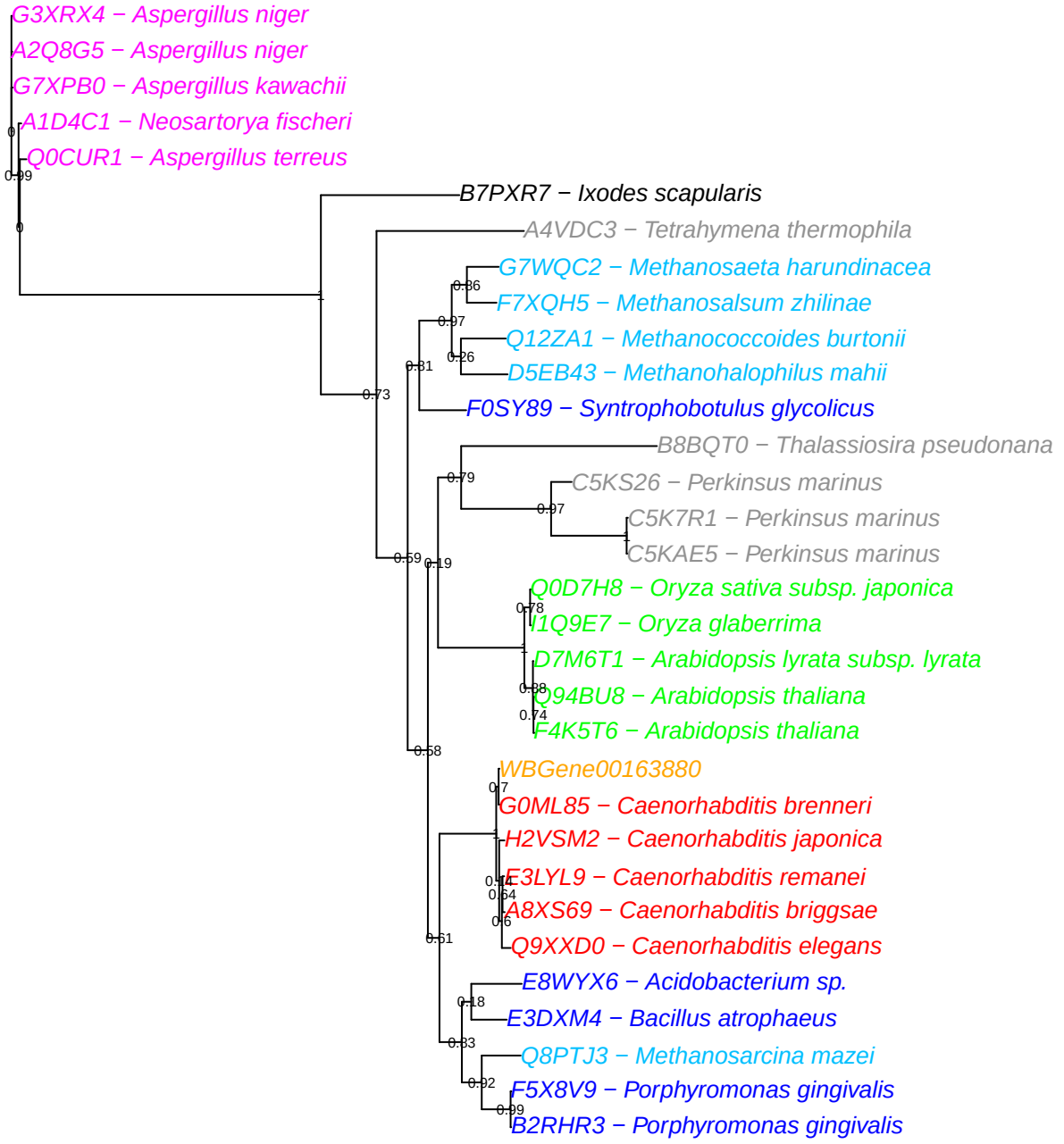

WBGene00164918
G0MH96 − Caenorhabditis brenneri
G0MH88 − Caenorhabditis brenneri
G0MH97 − Caenorhabditis brenneri
G0MH91 − Caenorhabditis brenneri
G0M910 − Caenorhabditis brenneri
E3KAY4 − Puccinia graminis f. sp. tritici
G2QX92 − Thielavia terrestris
C5JWD1 − Ajellomyces dermatitidis
H0EYP4 − Glarea lozoyensis
G8BVG9 − Tetrapisispora phaffii
B0ESW4 − Entamoeba dispar
A0EHS2 − Paramecium tetraurelia
A0DJD1 − Paramecium tetraurelia
D7SWB3 − Vitis vinifera
I1ISL0 − Brachypodium distachyon
I1QR33 − Oryza glaberrima
Q69ML8 − Oryza sativa subsp. japonica
I1GUL3 − Brachypodium distachyon
D6W7Y0 − Tribolium castaneum
D2UYK2 − Naegleria gruberi
F1QCW8 − Danio rerio
F6ZXI6 − Xenopus tropicalis
H0ZDT1 − Taeniopygia guttata
E1BWT0 − Gallus gallus
F2TVY3 − Salpingoeca rosetta
1
0.28
1
0.75
0.85
1
0.86
0.73
0.8
0.67
1
1
0.99
0.661
0.26
0.84
0.93
1
1
0.9

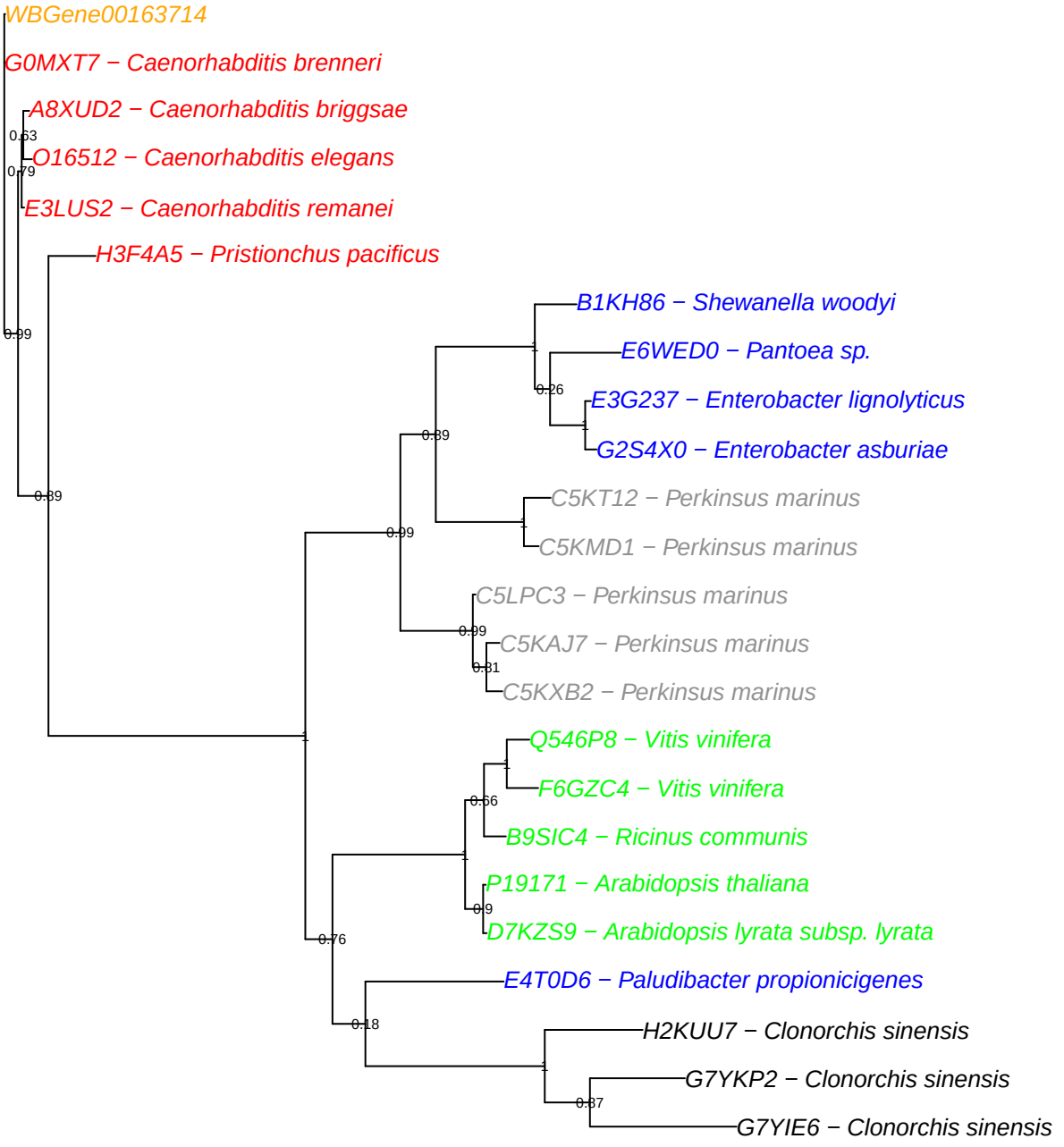

A0EB14 − Paramecium tetraurelia
A0BPZ8 − Paramecium tetraurelia
A0D6K6 − Paramecium tetraurelia
A0CI83 − Paramecium tetraurelia
0.935
B3RX41 − Trichoplax adhaerens
0.91
B3RL15 − Trichoplax adhaerens
1
F8CCS6 − Myxococcus fulvus
0.98
Q1DFS0 − Myxococcus xanthus
0.7
Q098G8 − Stigmatella aurantiaca
0.98
E3MDE8 − Caenorhabditis remanei
0.82
WBGene00164317
0.91
0.96
G0N4U5 − Caenorhabditis brenneri
0.87
0.668
A8X3R1 − Caenorhabditis briggsae
0.92
1
O76556 − Caenorhabditis elegans
E1FIE7 − Loa loa
D0LYR8 − Haliangium ochraceum
0.28
G2LLC7 − Chloracidobacterium thermophilum

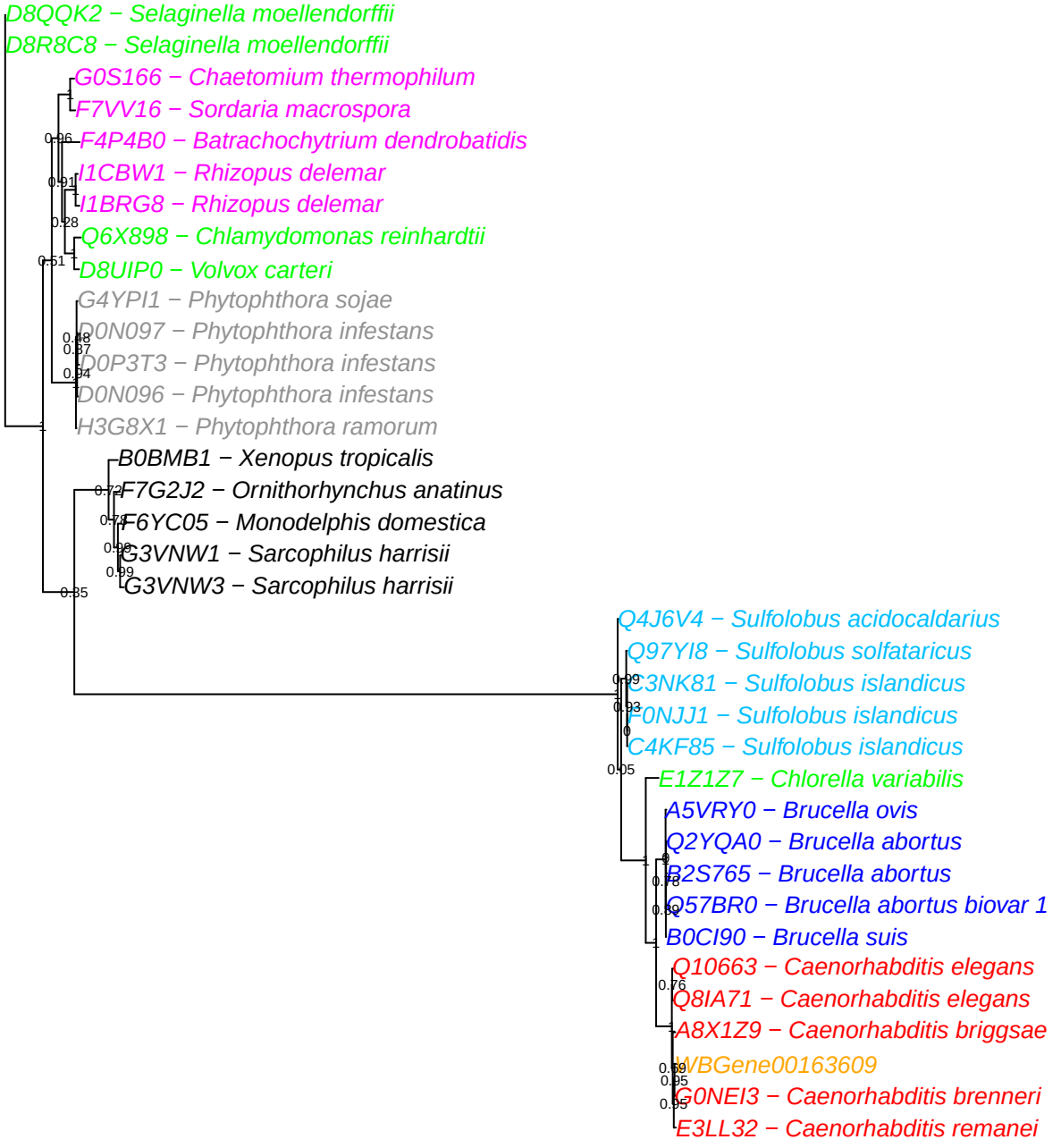

A7E6K7 − Sclerotinia sclerotiorum
A7EP32 − Sclerotinia sclerotiorum
I1CRS2 − Rhizopus delemar
I1BP73 − Rhizopus delemar
I1BM10 − Rhizopus delemar
Q813B4 − Bacillus cereus
C5M148 − Perkinsus marinus
C5KA92 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
E2ARC4 − Camponotus floridanus
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
WBGene00164027
G0MC62 − Caenorhabditis brenneri
G0M8Y2 − Caenorhabditis brenneri
H2VZP8 − Caenorhabditis japonica
G0M952 − Caenorhabditis brenneri
G0MR41 − Caenorhabditis brenneri
C5K6F4 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
0.85
0.81
0.24
0.11
0.82
0.71
0.827
0.92
0.91
0.79
0.88
0.84

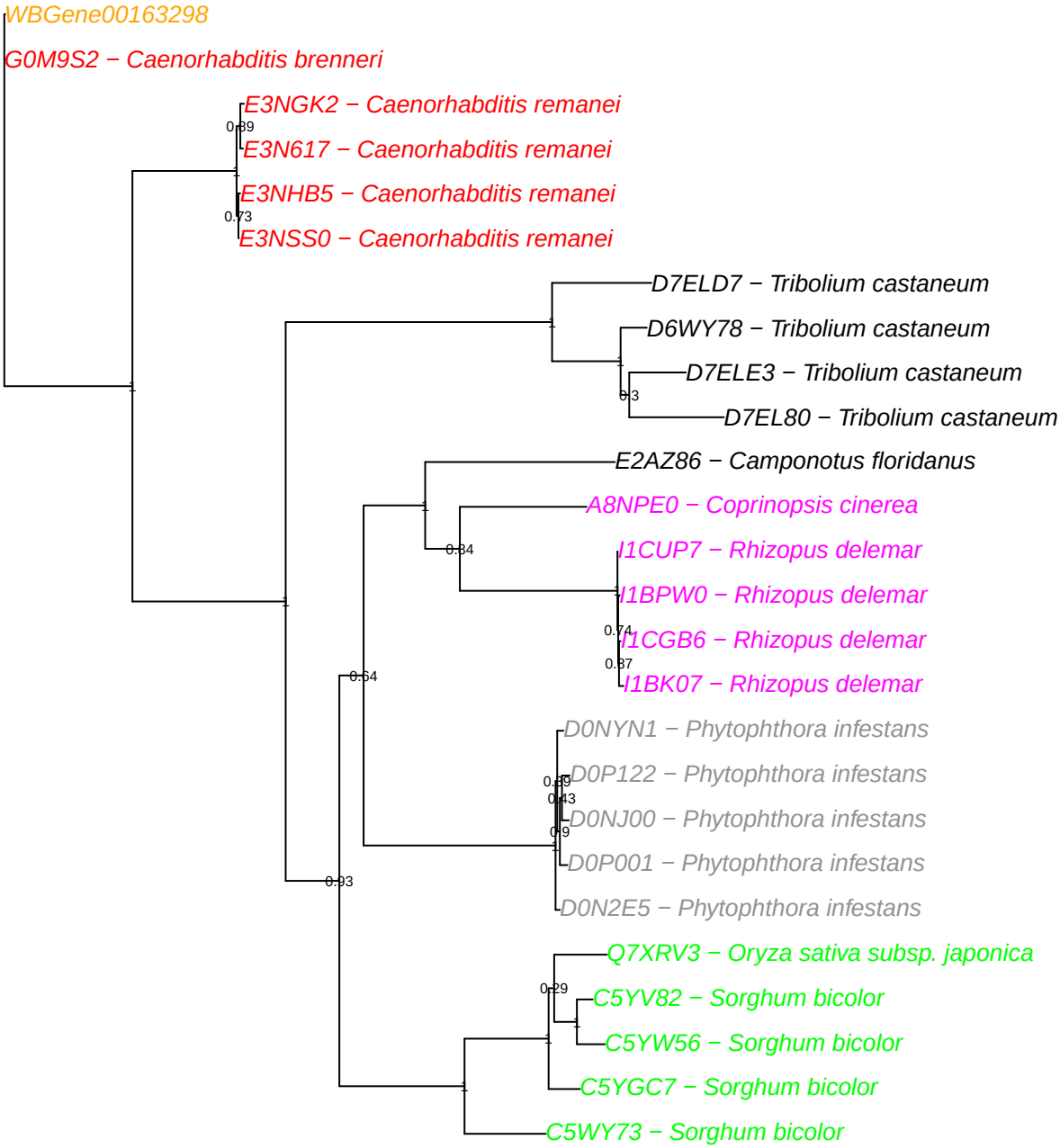

G7YPE3 − Clonorchis sinensis
G7YPZ3 − Clonorchis sinensis
D6X1G6 − Tribolium castaneum
0.71
E9J9Y8 − Solenopsis invicta
0.96
E2ANF7 − Camponotus floridanus
WBGene00164014
1
G0NBB8 − Caenorhabditis brenneri
0.98
1
G0P1M1 − Caenorhabditis brenneri
1
E3LJH2 − Caenorhabditis remanei
0.63
G0P8Y8 − Caenorhabditis brenneri
1
E3N0X2 − Caenorhabditis remanei
1
0.99
C5KMB8 − Perkinsus marinus
0.611
D3S7S2 − Methanocaldococcus sp.
C5KRL1 − Perkinsus marinus
0.22
0.88
C5L4J0 − Perkinsus marinus
C8V290 − Emericella nidulans
0.8
I1BP57 − Rhizopus delemar
0.81
0.99
I1C1J3 − Rhizopus delemar
0.54
I1CBJ5 − Rhizopus delemar
0.76
I1CSK2 − Rhizopus delemar
0.2
C5LEJ9 − Perkinsus marinus
0.97
C5KRY9 − Perkinsus marinus

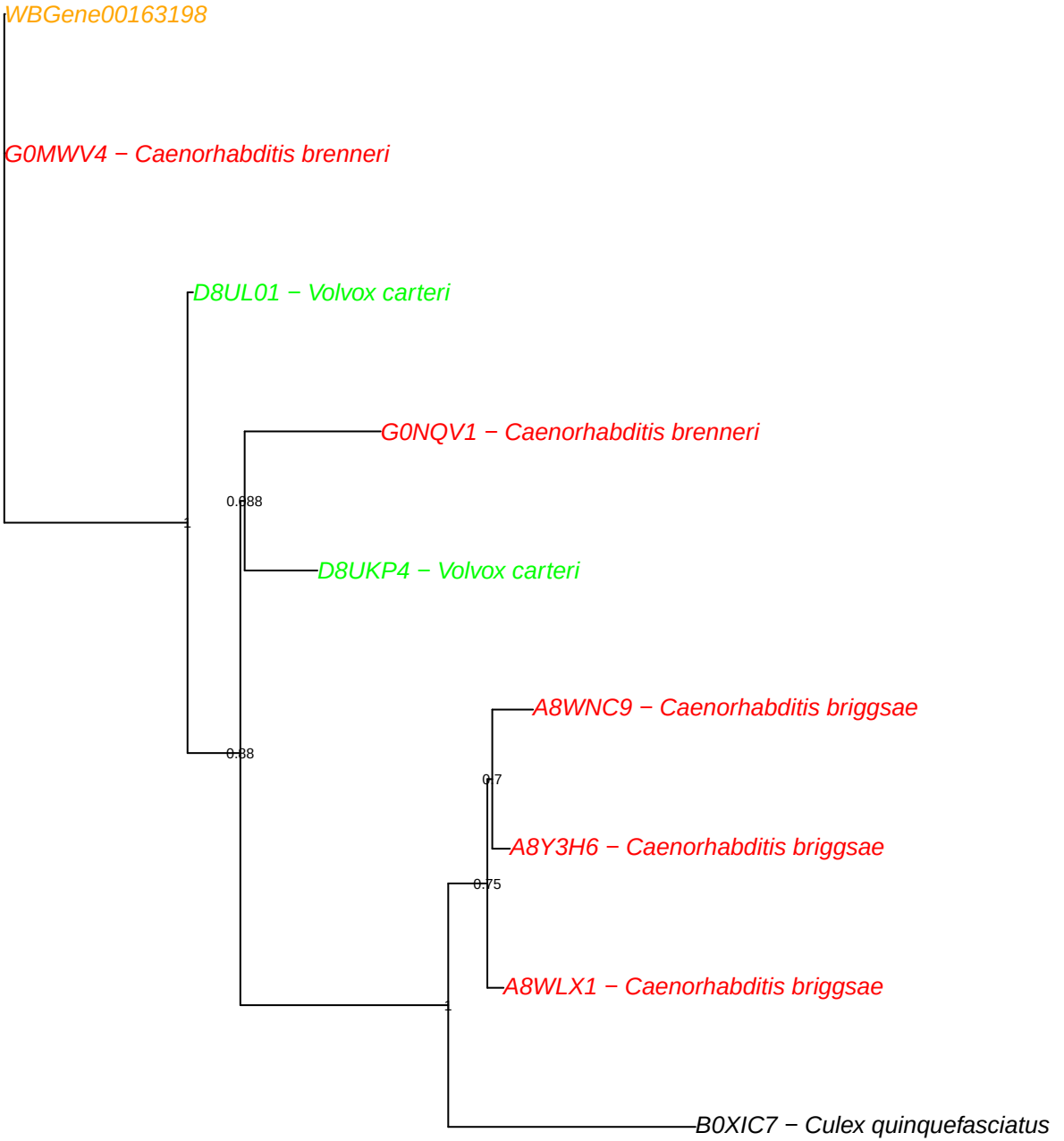

Q7XW14 − Oryza sativa subsp. japonica
C7J181 − Oryza sativa subsp. japonica
H6QPT5 − Puccinia graminis f. sp. tritici
0.94
A8NPE0 − Coprinopsis cinerea
A8N6R1 − Coprinopsis cinerea
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus
0.66
I1BPW0 − Rhizopus delemar
I1BIB9 − Rhizopus delemar
C5YNB3 − Sorghum bicolor
C5XW19 − Sorghum bicolor
C5YLM1 − Sorghum bicolor
0.54
D0N6B6 − Phytophthora infestans
D0MT84 − Phytophthora infestans
0.97
D0P2H8 − Phytophthora infestans
0.98
D0P001 − Phytophthora infestans
0.43
D0NXL1 − Phytophthora infestans
0.95
B6IM02 − Caenorhabditis briggsae
B6IJ53 − Caenorhabditis briggsae
E3NA78 − Caenorhabditis remanei
WBGene00163963
0.53
0.98
G0MMS7 − Caenorhabditis brenneri
G0MFY3 − Caenorhabditis brenneri
D7ELD7 − Tribolium castaneum
0.65
D6WHP6 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
0.75
F8JEQ1 − Hyphomicrobium sp.
Q0BX56 − Hyphomonas neptunium
0.82
C6XRV7 − Hirschia baltica
0.23
D3E396 − Methanobrevibacter ruminantium
0.59
Q6MHJ5 − Bdellovibrio bacteriovorus
D6ZVW1 − Bifidobacterium longum subsp. longum

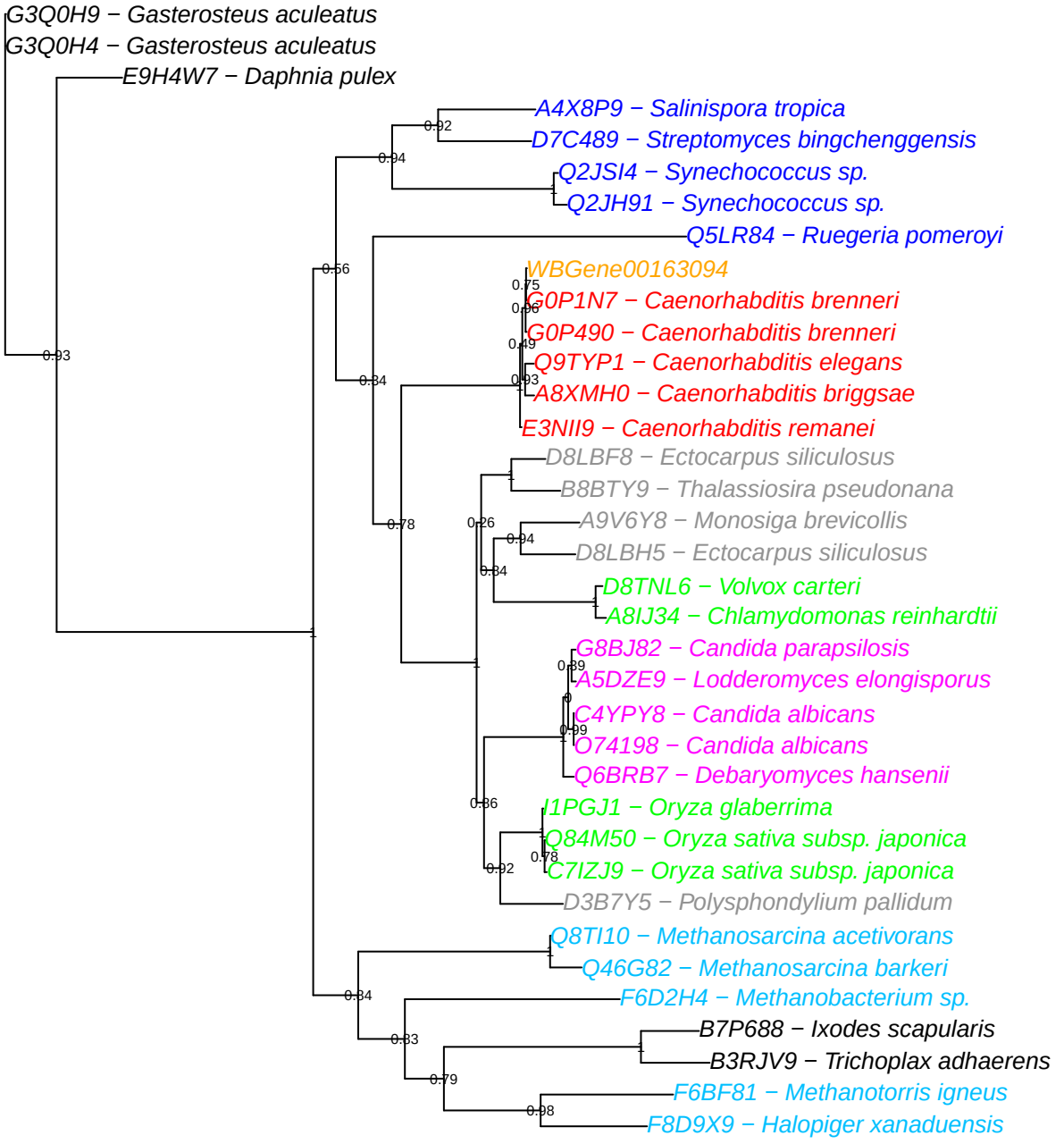

G3XRX4 − Aspergillus niger
A2Q8G5 − Aspergillus niger
G7XPB0 − Aspergillus kawachii
A1D4C1 − Neosartorya fischeri
Q0CUR1 − Aspergillus terreus
B7PXR7 − Ixodes scapularis
A4VDC3 − Tetrahymena thermophila
G7WQC2 − Methanosaeta harundinacea
F7XQH5 − Methanosalsum zhilinae
Q12ZA1 − Methanococcoides burtonii
D5EB43 − Methanohalophilus mahii
F0SY89 − Syntrophobotulus glycolicus
B8BQT0 − Thalassiosira pseudonana
C5KS26 − Perkinsus marinus
C5K7R1 − Perkinsus marinus
C5KAE5 − Perkinsus marinus
Q0D7H8 − Oryza sativa subsp. japonica
I1Q9E7 − Oryza glaberrima
D7M6T1 − Arabidopsis lyrata subsp. lyrata
Q94BU8 − Arabidopsis thaliana
F4K5T6 − Arabidopsis thaliana
WBGene00163880
G0ML85 − Caenorhabditis brenneri
H2VSM2 − Caenorhabditis japonica
E3LYL9 − Caenorhabditis remanei
A8XS69 − Caenorhabditis briggsae
Q9XXD0 − Caenorhabditis elegans
E8WYX6 − Acidobacterium sp.
E3DXM4 − Bacillus atrophaeus
Q8PTJ3 − Methanosarcina mazei
F5X8V9 − Porphyromonas gingivalis
B2RHR3 − Porphyromonas gingivalis

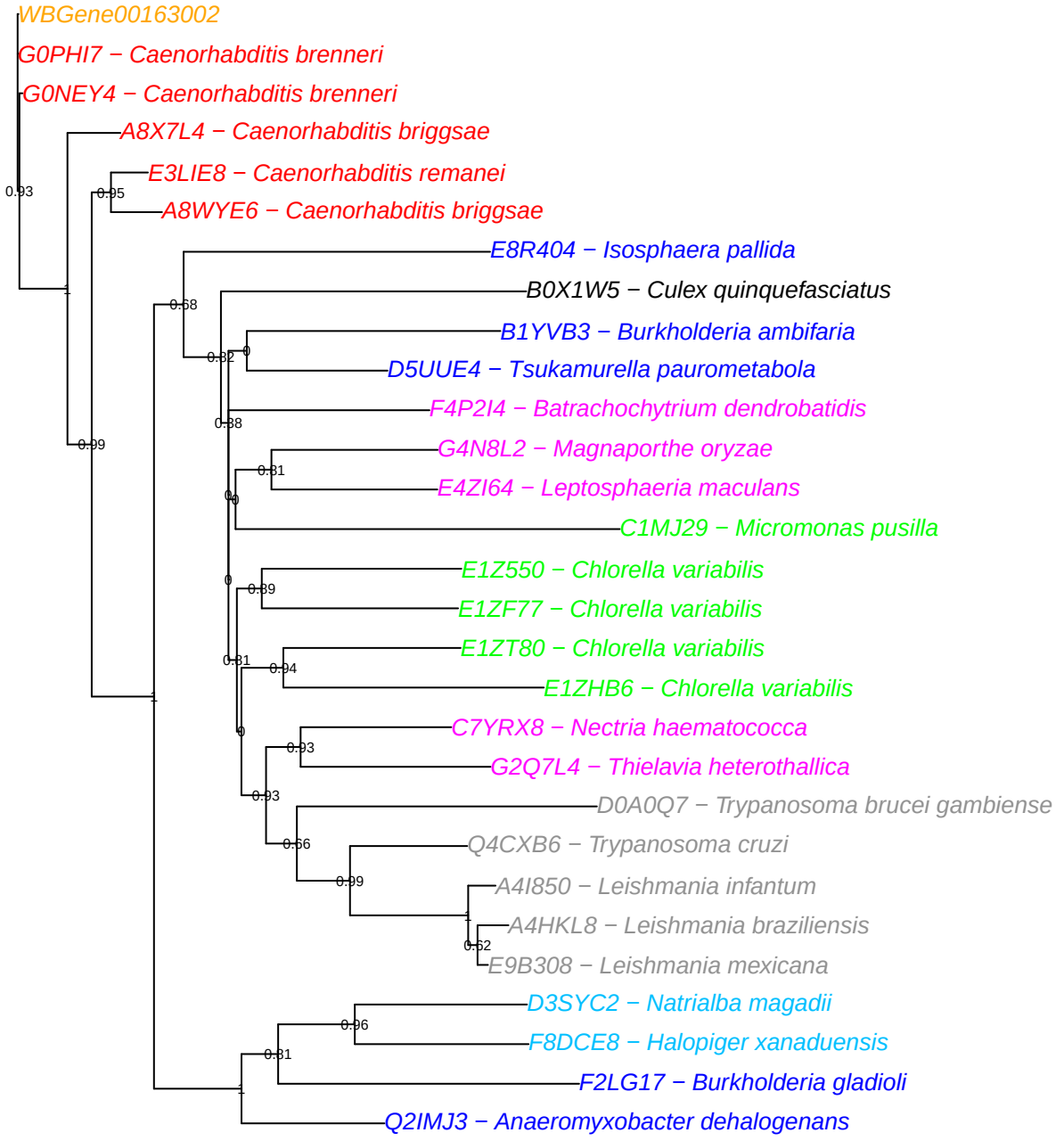

WBGene00163714
G0MXT7 − Caenorhabditis brenneri
A8XUD2 − Caenorhabditis briggsae
0.63
O16512 − Caenorhabditis elegans
0.79
E3LUS2 − Caenorhabditis remanei
H3F4A5 − Pristionchus pacificus
0.99
B1KH86 − Shewanella woodyi
1
E6WED0 − Pantoea sp.
0.26
E3G237 − Enterobacter lignolyticus
1
G2S4X0 − Enterobacter asburiae
0.89
0.89
C5KT12 − Perkinsus marinus
1
C5KMD1 − Perkinsus marinus
0.99
C5LPC3 − Perkinsus marinus
0.99
C5KAJ7 − Perkinsus marinus
0.81
C5KXB2 − Perkinsus marinus
1
Q546P8 − Vitis vinifera
1
F6GZC4 − Vitis vinifera
0.66
B9SIC4 − Ricinus communis
1
P19171 − Arabidopsis thaliana
0.9
D7KZS9 − Arabidopsis lyrata subsp. lyrata
0.76
E4T0D6 − Paludibacter propionicigenes
0.18
H2KUU7 − Clonorchis sinensis
1
G7YKP2 − Clonorchis sinensis
0.87
G7YIE6 − Clonorchis sinensis

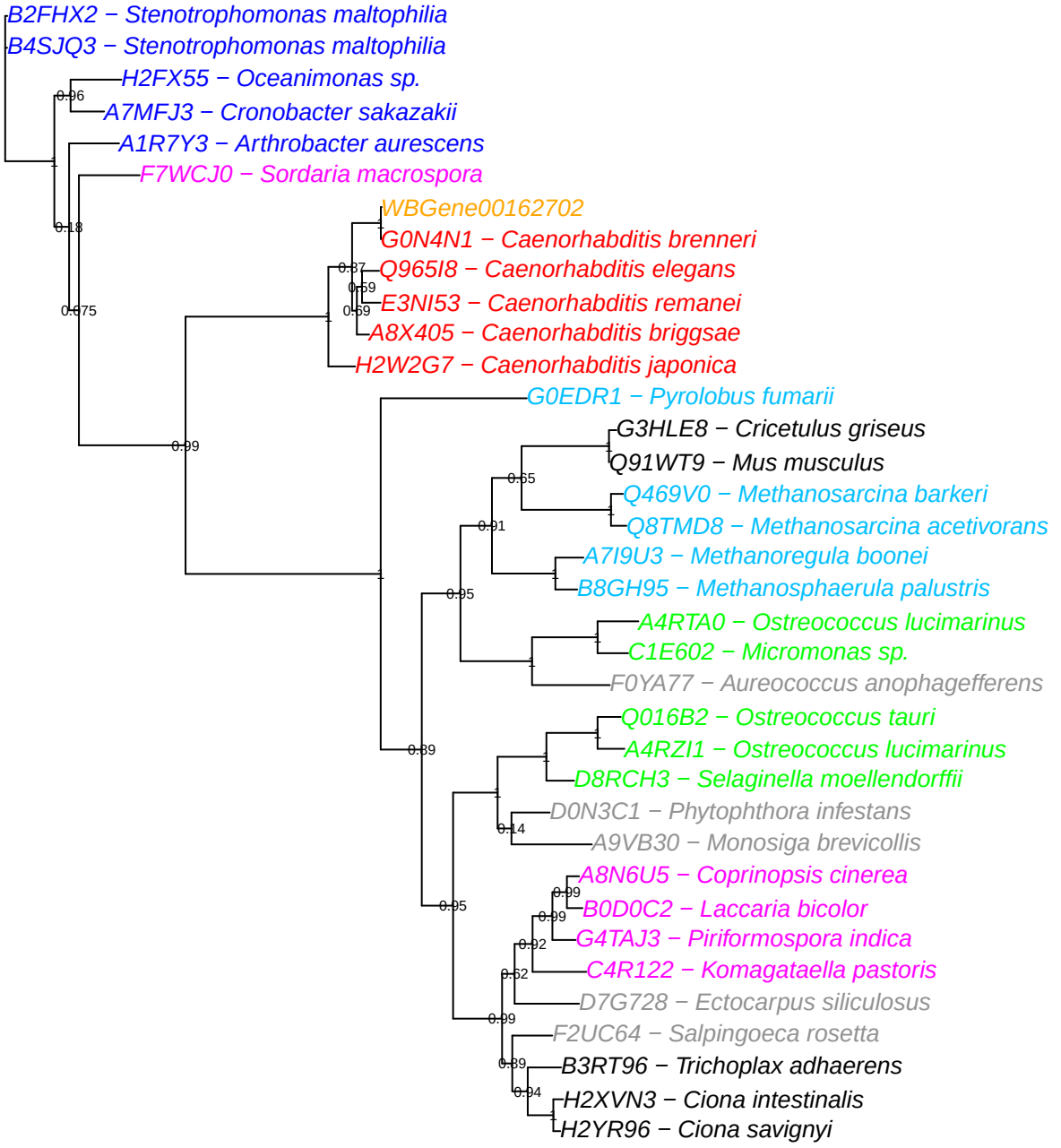

D8QQK2 − Selaginella moellendorffii
D8R8C8 − Selaginella moellendorffii
G0S166 − Chaetomium thermophilum
F7VV16 − Sordaria macrospora
F4P4B0 − Batrachochytrium dendrobatidis
I1CBW1 − Rhizopus delemar
I1BRG8 − Rhizopus delemar
Q6X898 − Chlamydomonas reinhardtii
D8UIP0 − Volvox carteri
G4YPI1 − Phytophthora sojae
D0N097 − Phytophthora infestans
D0P3T3 − Phytophthora infestans
D0N096 − Phytophthora infestans
H3G8X1 − Phytophthora ramorum
B0BMB1 − Xenopus tropicalis
F7G2J2 − Ornithorhynchus anatinus
F6YC05 − Monodelphis domestica
G3VNW1 − Sarcophilus harrisii
G3VNW3 − Sarcophilus harrisii
Q4J6V4 − Sulfolobus acidocaldarius
Q97YI8 − Sulfolobus solfataricus
C3NK81 − Sulfolobus islandicus
F0NJJ1 − Sulfolobus islandicus
C4KF85 − Sulfolobus islandicus
E1Z1Z7 − Chlorella variabilis
A5VRY0 − Brucella ovis
Q2YQA0 − Brucella abortus
B2S765 − Brucella abortus
Q57BR0 − Brucella abortus biovar 1
B0CI90 − Brucella suis
Q10663 − Caenorhabditis elegans
Q8IA71 − Caenorhabditis elegans
A8X1Z9 − Caenorhabditis briggsae
WBGene00163609
G0NEI3 − Caenorhabditis brenneri
E3LL32 − Caenorhabditis remanei

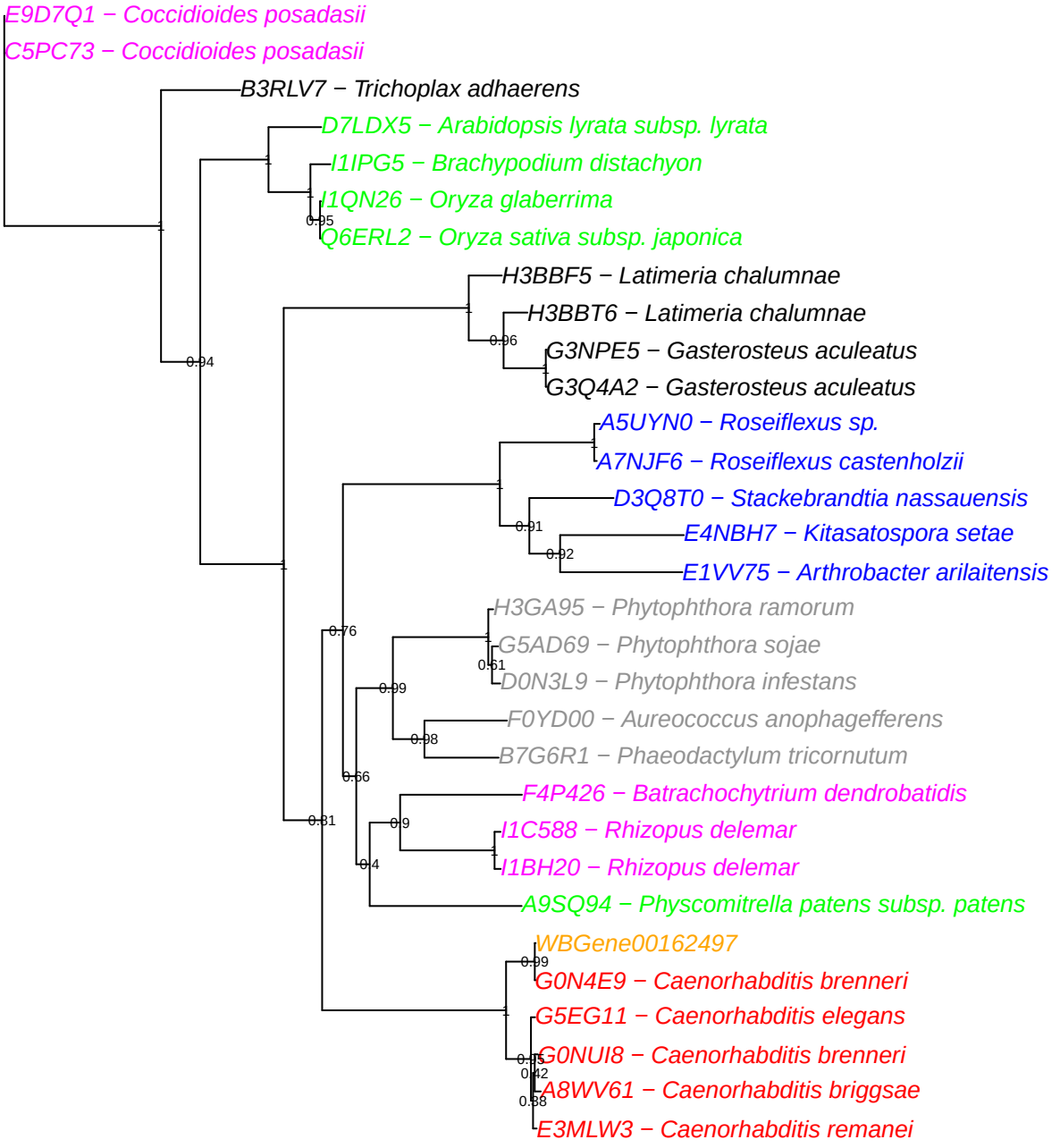

WBGene00163298
G0M9S2 − Caenorhabditis brenneri
E3NGK2 − Caenorhabditis remanei
E3N617 − Caenorhabditis remanei
E3NHB5 − Caenorhabditis remanei
E3NSS0 − Caenorhabditis remanei
D7ELD7 − Tribolium castaneum
D6WY78 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D7EL80 − Tribolium castaneum
E2AZ86 − Camponotus floridanus
A8NPE0 − Coprinopsis cinerea
I1CUP7 − Rhizopus delemar
I1BPW0 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
I1BK07 − Rhizopus delemar
D0NYN1 − Phytophthora infestans
D0P122 − Phytophthora infestans
D0NJ00 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
Q7XRV3 − Oryza sativa subsp. japonica
C5YV82 − Sorghum bicolor
C5YW56 − Sorghum bicolor
C5YGC7 − Sorghum bicolor
C5WY73 − Sorghum bicolor
0.89
0.73
0.3
0.84
0.74
0.87
0.64
0.43
0.93
0.29

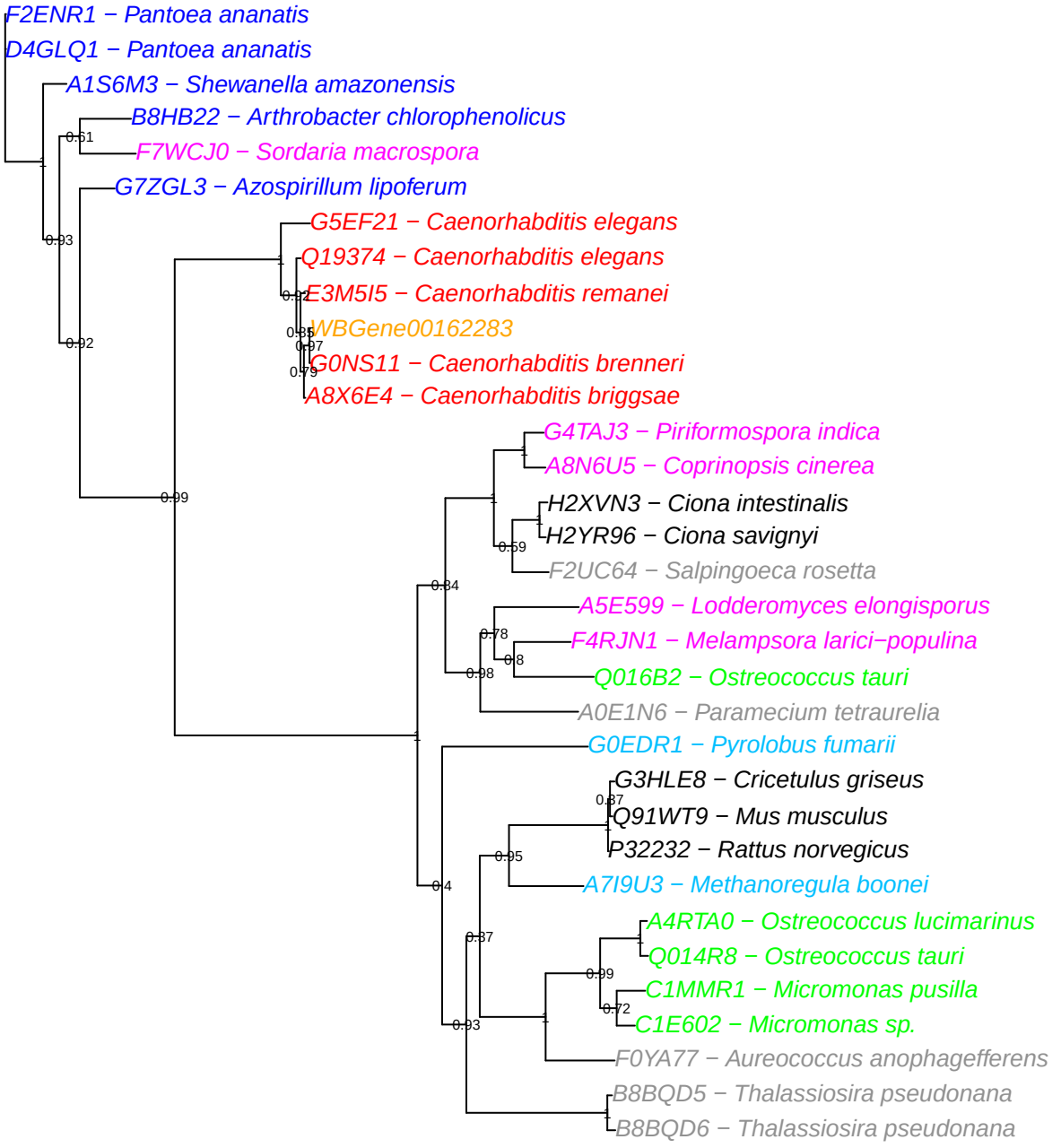

WBGene00163198
G0MWV4 − Caenorhabditis brenneri
D8UL01 − Volvox carteri
G0NQV1 − Caenorhabditis brenneri
0.888
1
D8UKP4 − Volvox carteri
A8WNC9 − Caenorhabditis briggsae
0.88
0.7
A8Y3H6 − Caenorhabditis briggsae
0.75
A8WLX1 − Caenorhabditis briggsae
1
B0XIC7 − Culex quinquefasciatus

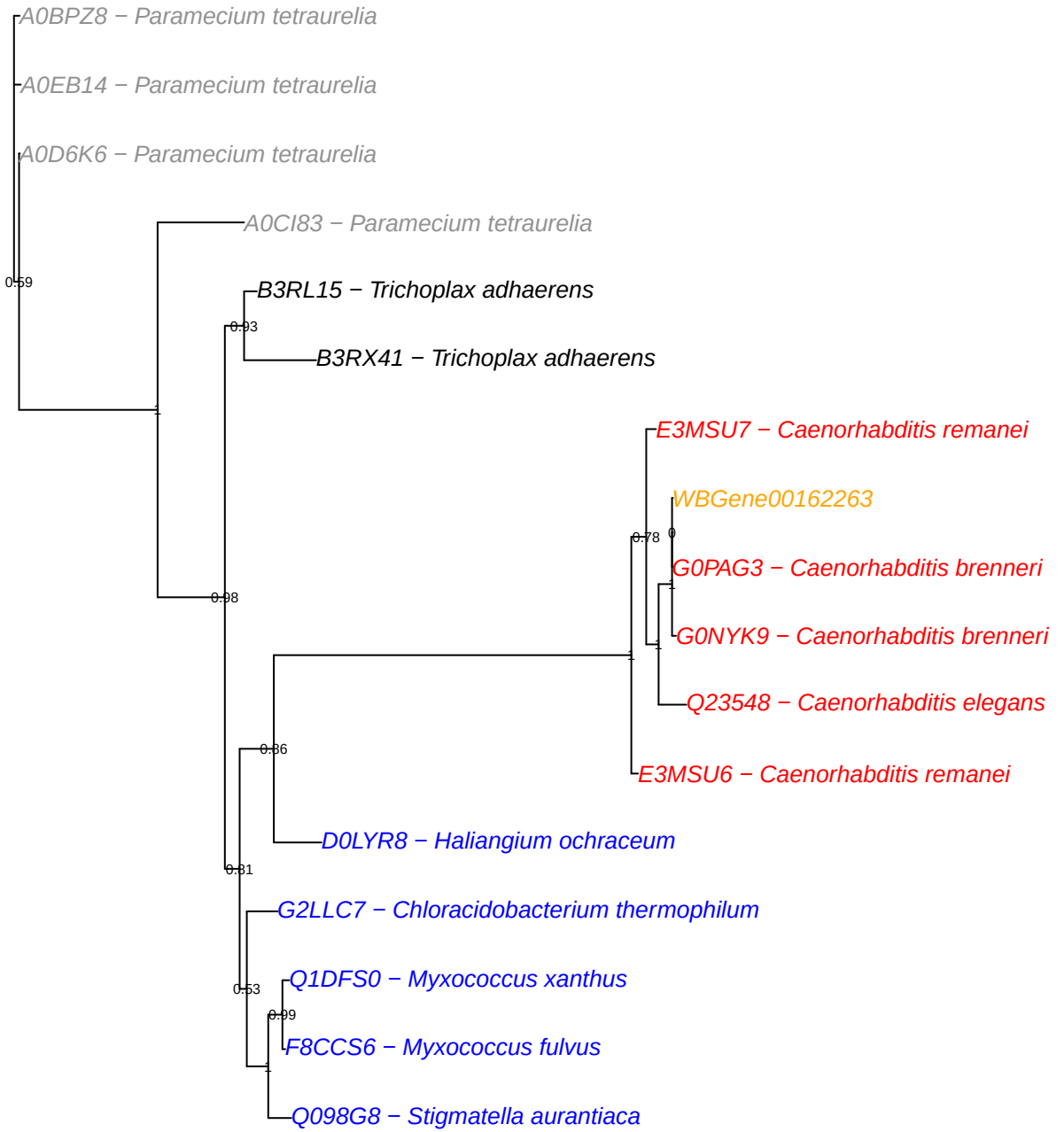

G3Q0H9 − Gasterosteus aculeatus
G3Q0H4 − Gasterosteus aculeatus
E9H4W7 − Daphnia pulex
A4X8P9 − Salinispora tropica
D7C489 − Streptomyces bingchenggensis
Q2JSI4 − Synechococcus sp.
Q2JH91 − Synechococcus sp.
Q5LR84 − Ruegeria pomeroyi
WBGene00163094
G0P1N7 − Caenorhabditis brenneri
G0P490 − Caenorhabditis brenneri
Q9TYP1 − Caenorhabditis elegans
A8XMH0 − Caenorhabditis briggsae
E3NII9 − Caenorhabditis remanei
D8LBF8 − Ectocarpus siliculosus
B8BTY9 − Thalassiosira pseudonana
A9V6Y8 − Monosiga brevicollis
D8LBH5 − Ectocarpus siliculosus
D8TNL6 − Volvox carteri
A8IJ34 − Chlamydomonas reinhardtii
G8BJ82 − Candida parapsilosis
A5DZE9 − Lodderomyces elongisporus
C4YPY8 − Candida albicans
O74198 − Candida albicans
Q6BRB7 − Debaryomyces hansenii
J1PGJ1 − Oryza glaberrima
Q84M50 − Oryza sativa subsp. japonica
C7IZJ9 − Oryza sativa subsp. japonica
D3B7Y5 − Polysphondylium pallidum
Q8TI10 − Methanosarcina acetivorans
Q46G82 − Methanosarcina barkeri
F6D2H4 − Methanobacterium sp.
B7P688 − Ixodes scapularis
B3RJV9 − Trichoplax adhaerens
F6BF81 − Methanotorris igneus
F8D9X9 − Halopiger xanaduensis
0.92
0.94
0.56
0.75
0.96
0.49
0.93
0.84
0.93
0.78
0.26
0.94
0.84
0.89
0.99
0.86
0.78
0.92
0.84
0.83
0.79
0.98

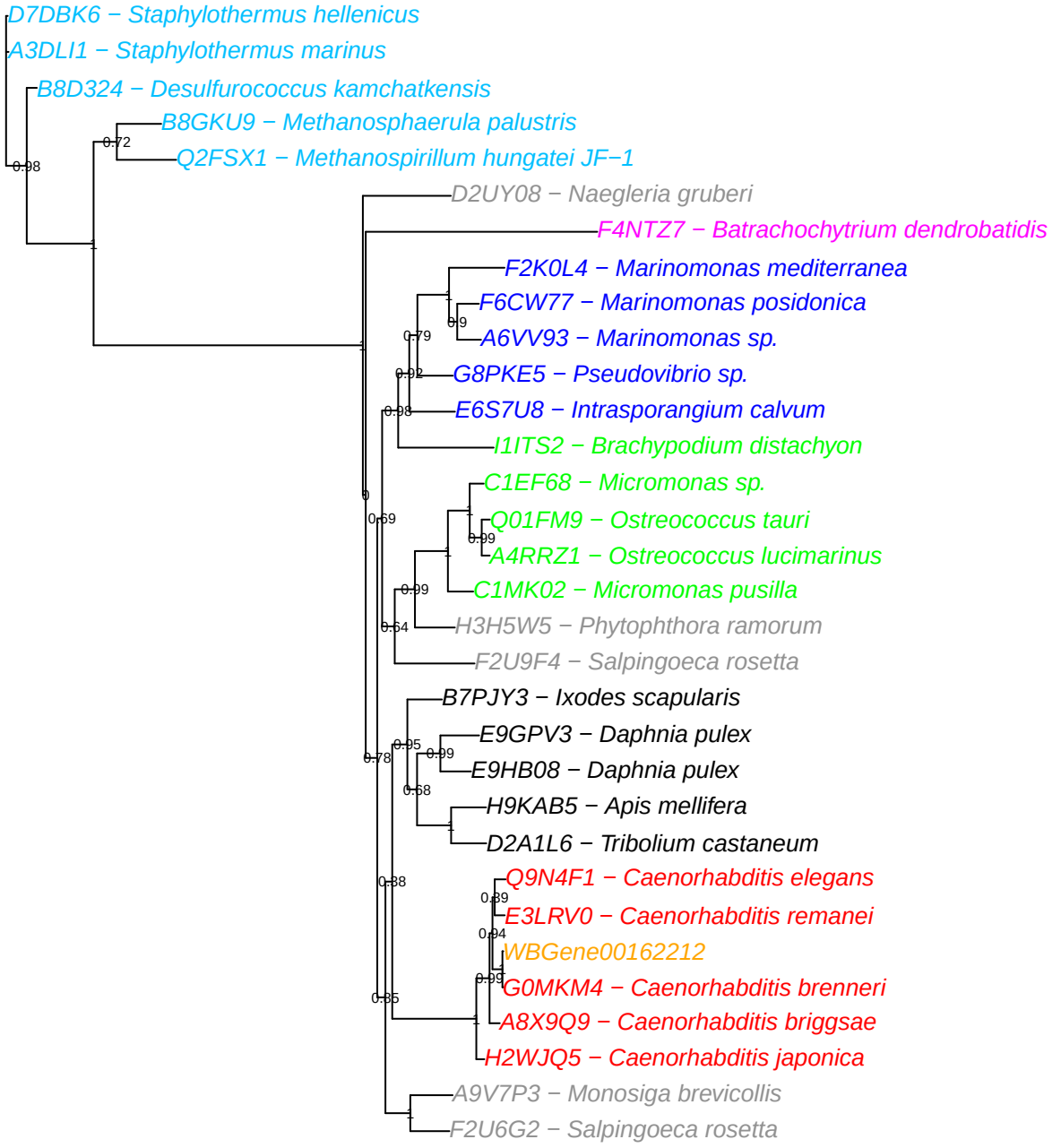

WBGene00163002
G0PHI7 − Caenorhabditis brenneri
G0NEY4 − Caenorhabditis brenneri
A8X7L4 − Caenorhabditis briggsae
E3LIE8 − Caenorhabditis remanei
A8WYE6 − Caenorhabditis briggsae
E8R404 − Isosphaera pallida
B0X1W5 − Culex quinquefasciatus
B1YVB3 − Burkholderia ambifaria
D5UUE4 − Tsukamurella paurometabola
F4P2I4 − Batrachochytrium dendrobatidis
G4N8L2 − Magnaporthe oryzae
E4ZI64 − Leptosphaeria maculans
C1MJ29 − Micromonas pusilla
E1Z550 − Chlorella variabilis
E1ZF77 − Chlorella variabilis
E1ZT80 − Chlorella variabilis
E1ZHB6 − Chlorella variabilis
C7YRX8 − Nectria haematococca
G2Q7L4 − Thielavia heterothallica
D0A0Q7 − Trypanosoma brucei gambiense
Q4CXB6 − Trypanosoma cruzi
A4I850 − Leishmania infantum
A4HKL8 − Leishmania braziliensis
E9B308 − Leishmania mexicana
D3SYC2 − Natrialba magadii
F8DCE8 − Halopiger xanaduensis
F2LG17 − Burkholderia gladioli
Q2IMJ3 − Anaeromyxobacter dehalogenans
0.93
0.95
1
0.58
0.92
0
0.88
0.99
0.81
0.9
0
0
0.89
0.81
0.94
1
0
0.93
0.93
0.66
0.99
1
0.52
0.96
0.81
1

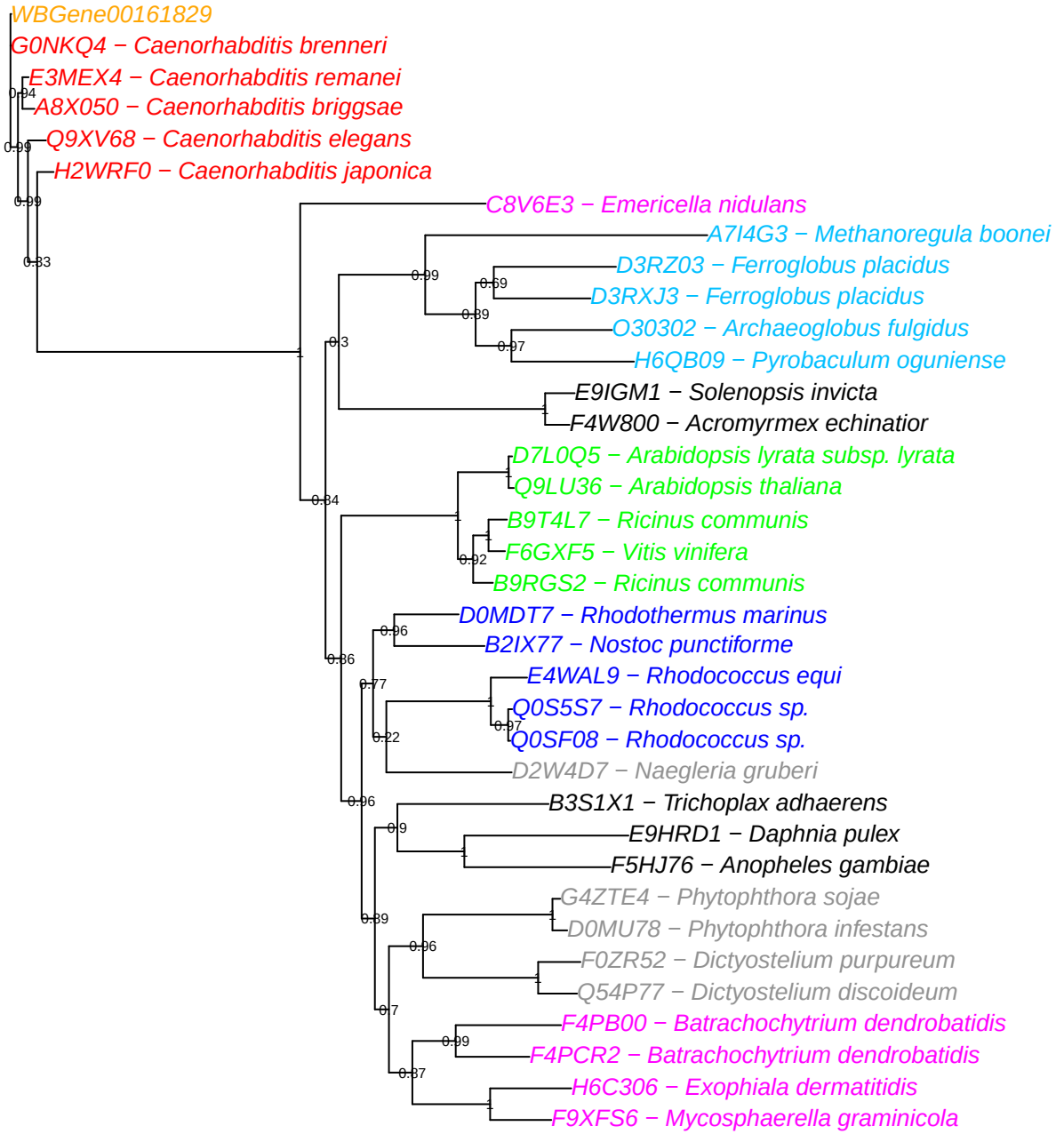

B2FHX2 − Stenotrophomonas maltophilia
B4SJQ3 − Stenotrophomonas maltophilia
H2FX55 − Oceanimonas sp.
A7MFJ3 − Cronobacter sakazakii
A1R7Y3 − Arthrobacter aurescens
F7WCJ0 − Sordaria macrospora
WBGene00162702
G0N4N1 − Caenorhabditis brenneri
Q965I8 − Caenorhabditis elegans
E3NI53 − Caenorhabditis remanei
A8X405 − Caenorhabditis briggsae
H2W2G7 − Caenorhabditis japonica
G0EDR1 − Pyrolobus fumarii
G3HLE8 − Cricetulus griseus
Q91WT9 − Mus musculus
Q469V0 − Methanosarcina barkeri
Q8TMD8 − Methanosarcina acetivorans
A7I9U3 − Methanoregula boonei
B8GH95 − Methanosphaerula palustris
A4RTA0 − Ostreococcus lucimarinus
C1E602 − Micromonas sp.
F0YA77 − Aureococcus anophagefferens
Q016B2 − Ostreococcus tauri
A4RZI1 − Ostreococcus lucimarinus
D8RCH3 − Selaginella moellendorffii
D0N3C1 − Phytophthora infestans
A9VB30 − Monosiga brevicollis
A8N6U5 − Coprinopsis cinerea
B0D0C2 − Laccaria bicolor
G4TAJ3 − Piriformospora indica
C4R122 − Komagataella pastoris
D7G728 − Ectocarpus siliculosus
F2UC64 − Salpingoeca rosetta
B3RT96 − Trichoplax adhaerens
H2XVN3 − Ciona intestinalis
H2YR96 − Ciona savignyi
0.96
0.18
0.675
0.87
0.59
0.59
0.99
0.55
0.91
0.95
0.89
0.14
0.95
0.99
0.99
0.92
0.62
0.99
0.89
0.94

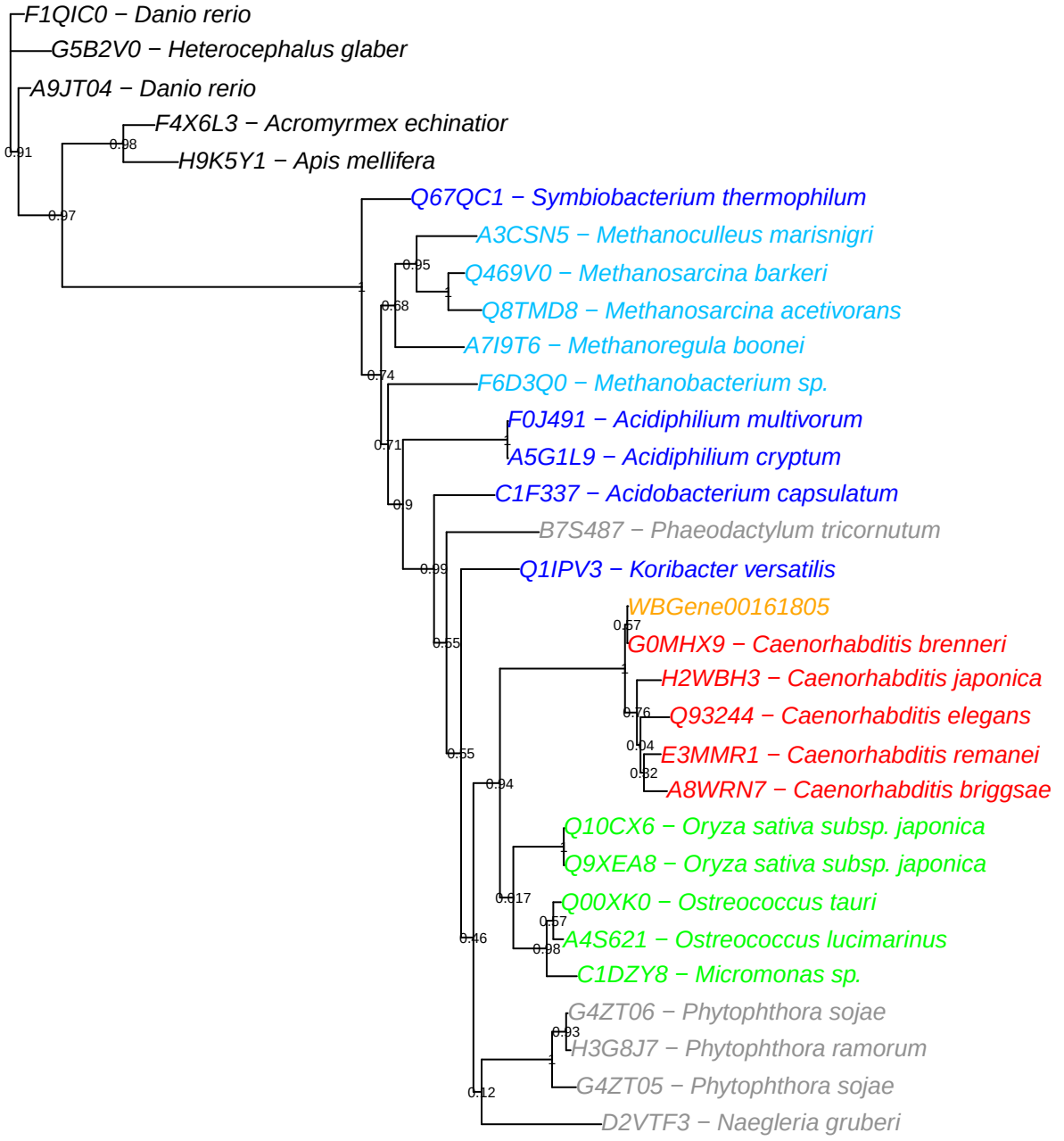

E9D7Q1 − Coccidioides posadasii
C5PC73 − Coccidioides posadasii
B3RLV7 − Trichoplax adhaerens
D7LDX5 − Arabidopsis lyrata subsp. lyrata
I1IPG5 − Brachypodium distachyon
I1QN26 − Oryza glaberrima
Q6ERL2 − Oryza sativa subsp. japonica
H3BBF5 − Latimeria chalumnae
H3BBT6 − Latimeria chalumnae
G3NPE5 − Gasterosteus aculeatus
G3Q4A2 − Gasterosteus aculeatus
A5UYN0 − Roseiflexus sp.
A7NJF6 − Roseiflexus castenholzii
D3Q8T0 − Stackebrandtia nassauensis
E4NBH7 − Kitasatospora setae
E1VV75 − Arthrobacter arilaitensis
H3GA95 − Phytophthora ramorum
G5AD69 − Phytophthora sojae
D0N3L9 − Phytophthora infestans
F0YD00 − Aureococcus anophagefferens
B7G6R1 − Phaeodactylum tricornutum
F4P426 − Batrachochytrium dendrobatidis
I1C588 − Rhizopus delemar
I1BH20 − Rhizopus delemar
A9SQ94 − Physcomitrella patens subsp. patens
WBGene00162497
G0N4E9 − Caenorhabditis brenneri
G5EG11 − Caenorhabditis elegans
G0NUI8 − Caenorhabditis brenneri
A8WV61 − Caenorhabditis briggsae
E3MLW3 − Caenorhabditis remanei
1
0.95
1
0.94
1
0.96
1
1
0.91
0.92
0.76
0.61
0.99
0.98
0.66
0.81
0.9
0.4
0.99
0.75
0.42
0.58

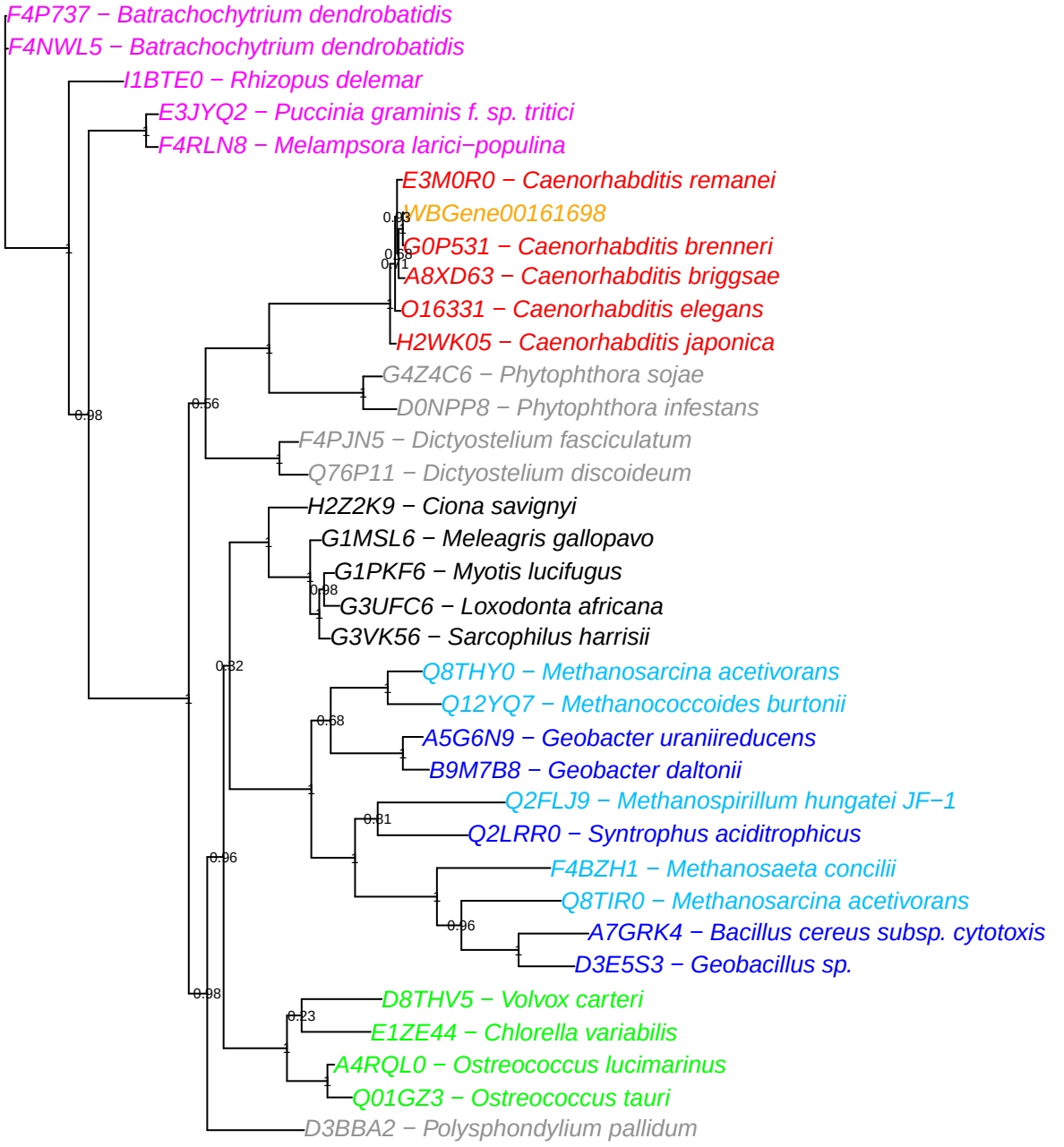

F2ENR1 − Pantoea ananatis
D4GLQ1 − Pantoea ananatis
A1S6M3 − Shewanella amazonensis
B8HB22 − Arthrobacter chlorophenolicus
F7WCJ0 − Sordaria macrospora
G7ZGL3 − Azospirillum lipoferum
G5EF21 − Caenorhabditis elegans
Q19374 − Caenorhabditis elegans
E3M5I5 − Caenorhabditis remanei
WBGene00162283
G0NS11 − Caenorhabditis brenneri
A8X6E4 − Caenorhabditis briggsae
G4TAJ3 − Piriformospora indica
A8N6U5 − Coprinopsis cinerea
H2XVN3 − Ciona intestinalis
H2YR96 − Ciona savignyi
F2UC64 − Salpingoeca rosetta
A5E599 − Lodderomyces elongisporus
F4RJN1 − Melampsora larici−populina
Q016B2 − Ostreococcus tauri
A0E1N6 − Paramecium tetraurelia
G0EDR1 − Pyrolobus fumarii
G3HLE8 − Cricetulus griseus
Q91WT9 − Mus musculus
P32232 − Rattus norvegicus
A7I9U3 − Methanoregula boonei
A4RTA0 − Ostreococcus lucimarinus
Q014R8 − Ostreococcus tauri
C1MMR1 − Micromonas pusilla
C1E602 − Micromonas sp.
F0YA77 − Aureococcus anophagefferens
B8BQD5 − Thalassiosira pseudonana
B8BQD6 − Thalassiosira pseudonana
0.51
0.93
0.92
0.99
0.97
0.79
0.59
0.84
0.78
0.8
0.98
0.87
0.95
0.4
0.87
0.99
0.72
0.93

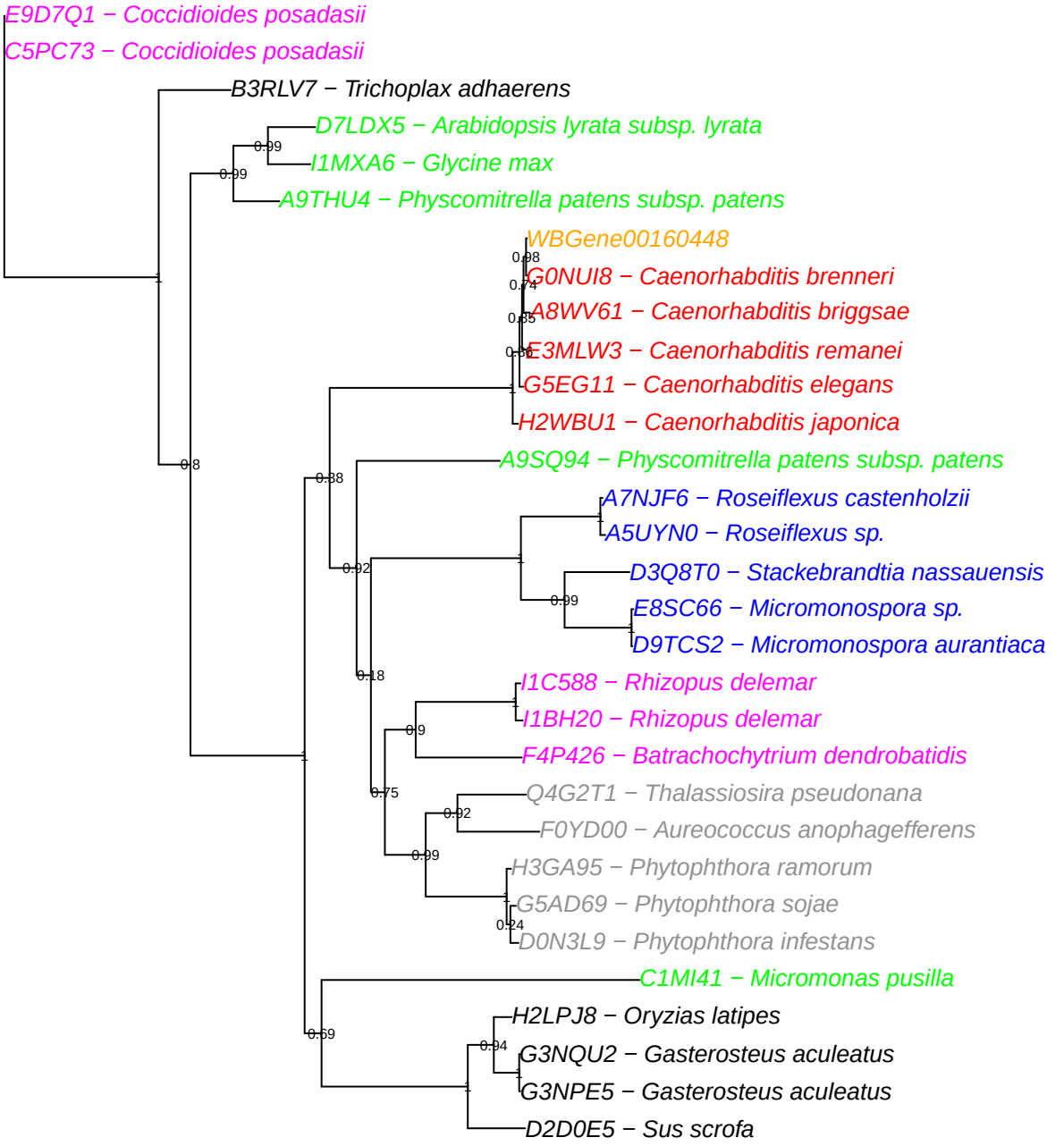

A0BPZ8 − Paramecium tetraurelia
A0EB14 − Paramecium tetraurelia
A0D6K6 − Paramecium tetraurelia
A0CI83 − Paramecium tetraurelia
B3RL15 − Trichoplax adhaerens
B3RX41 − Trichoplax adhaerens
E3MSU7 − Caenorhabditis remanei
WBGene00162263
G0PAG3 − Caenorhabditis brenneri
G0NYK9 − Caenorhabditis brenneri
Q23548 − Caenorhabditis elegans
E3MSU6 − Caenorhabditis remanei
D0LYR8 − Haliangium ochraceum
G2LLC7 − Chloracidobacterium thermophilum
Q1DFS0 − Myxococcus xanthus
F8CCS6 − Myxococcus fulvus
Q098G8 − Stigmatella aurantiaca
0.59
0.93
1
0.98
0.78
0
1
1
1
0.86
0.81
0.53
0.99
1

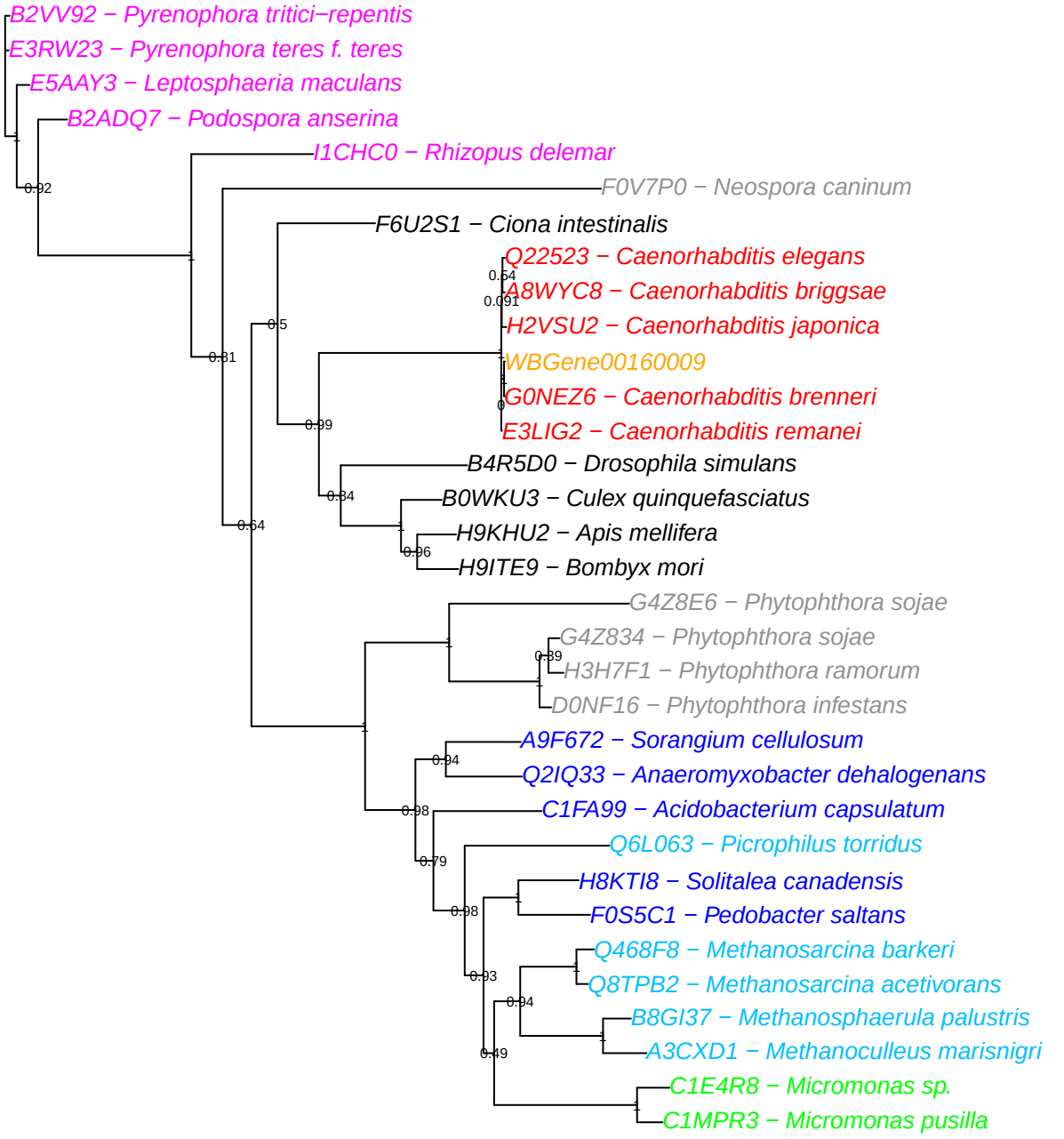

D7DBK6 − Staphylothermus hellenicus
A3DLI1 − Staphylothermus marinus
B8D324 − Desulfurococcus kamchatkensis
B8GKU9 − Methanosphaerula palustris
Q2FSX1 − Methanospirillum hungatei JF−1
D2UY08 − Naegleria gruberi
F4NTZ7 − Batrachochytrium dendrobatidis
F2K0L4 − Marinomonas mediterranea
F6CW77 − Marinomonas posidonica
A6VV93 − Marinomonas sp.
G8PKE5 − Pseudovibrio sp.
E6S7U8 − Intrasporangium calvum
I1ITS2 − Brachypodium distachyon
C1EF68 − Micromonas sp.
Q01FM9 − Ostreococcus tauri
A4RRZ1 − Ostreococcus lucimarinus
C1MK02 − Micromonas pusilla
H3H5W5 − Phytophthora ramorum
F2U9F4 − Salpingoeca rosetta
B7PJY3 − Ixodes scapularis
E9GPV3 − Daphnia pulex
E9HB08 − Daphnia pulex
H9KAB5 − Apis mellifera
D2A1L6 − Tribolium castaneum
Q9N4F1 − Caenorhabditis elegans
E3LRV0 − Caenorhabditis remanei
WBGene00162212
G0MKM4 − Caenorhabditis brenneri
A8X9Q9 − Caenorhabditis briggsae
H2WJQ5 − Caenorhabditis japonica
A9V7P3 − Monosiga brevicollis
F2U6G2 − Salpingoeca rosetta

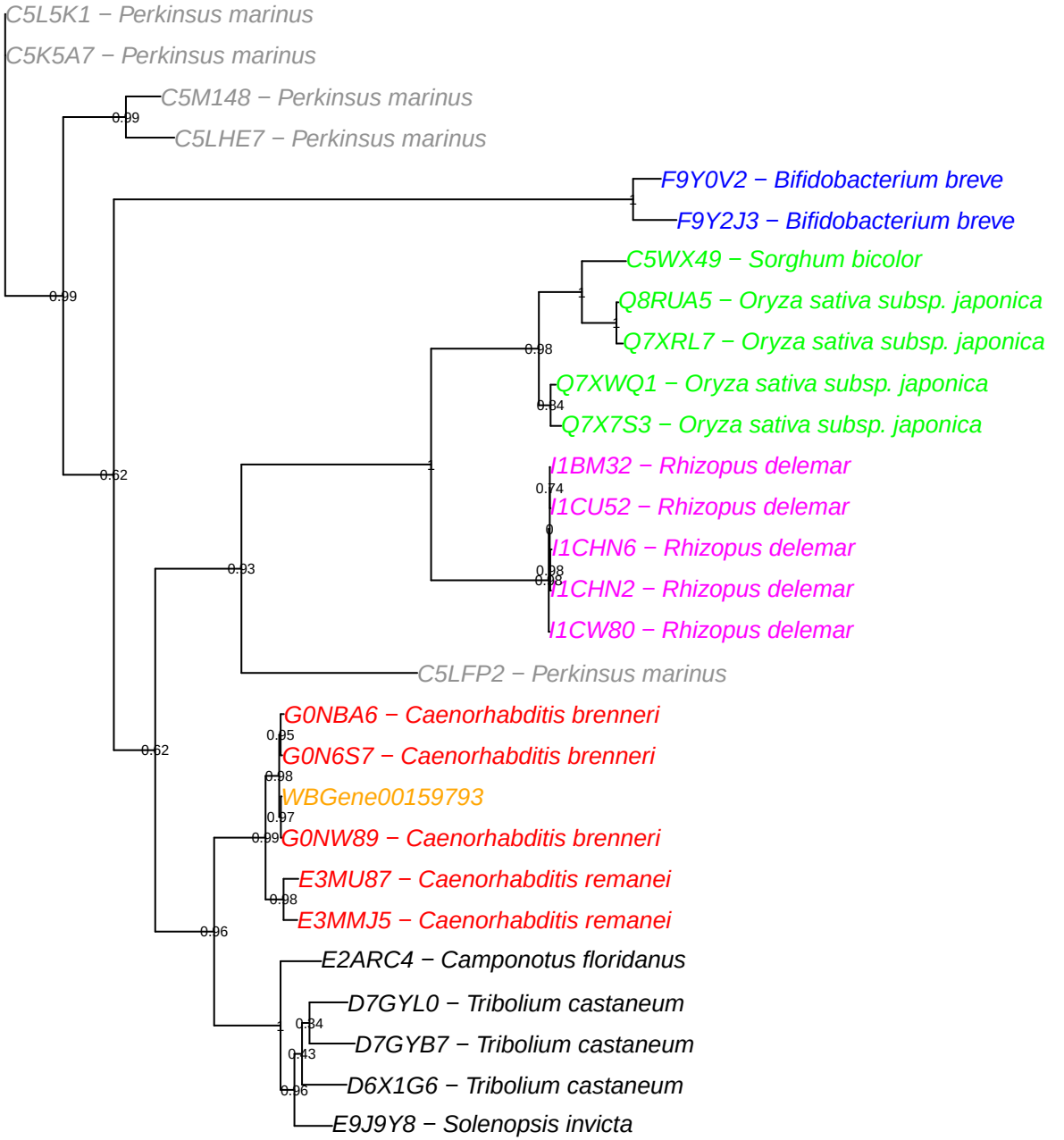

WBGene00161829
G0NKQ4 − Caenorhabditis brenneri
E3MEX4 − Caenorhabditis remanei
A8X050 − Caenorhabditis briggsae
Q9XV68 − Caenorhabditis elegans
H2WRF0 − Caenorhabditis japonica
C8V6E3 − Emericella nidulans
A7I4G3 − Methanoregula boonei
D3RZ03 − Ferroglobus placidus
D3RXJ3 − Ferroglobus placidus
O30302 − Archaeoglobus fulgidus
H6QB09 − Pyrobaculum oguniense
E9IGM1 − Solenopsis invicta
F4W800 − Acromyrmex echinatior
D7L0Q5 − Arabidopsis lyrata subsp. lyrata
Q9LU36 − Arabidopsis thaliana
B9T4L7 − Ricinus communis
F6GXF5 − Vitis vinifera
B9RGS2 − Ricinus communis
D0MDT7 − Rhodothermus marinus
B2IX77 − Nostoc punctiforme
E4WAL9 − Rhodococcus equi
Q0S5S7 − Rhodococcus sp.
Q0SF08 − Rhodococcus sp.
D2W4D7 − Naegleria gruberi
B3S1X1 − Trichoplax adhaerens
E9HRD1 − Daphnia pulex
F5HJ76 − Anopheles gambiae
G4ZTE4 − Phytophthora sojae
D0MU78 − Phytophthora infestans
F0ZR52 − Dictyostelium purpureum
Q54P77 − Dictyostelium discoideum
F4PB00 − Batrachochytrium dendrobatidis
F4PCR2 − Batrachochytrium dendrobatidis
H6C306 − Exophiala dermatitidis
F9XFS6 − Mycosphaerella graminicola
0.94
0.99
0.99
0.83
0.99
0.59
0.89
0.97
0.3
1
0.84
1
0.92
0.96
0.86
0.77
1
0.97
0.22
0.96
0.9
1
0.89
0.96
0.7
0.99
0.87
1

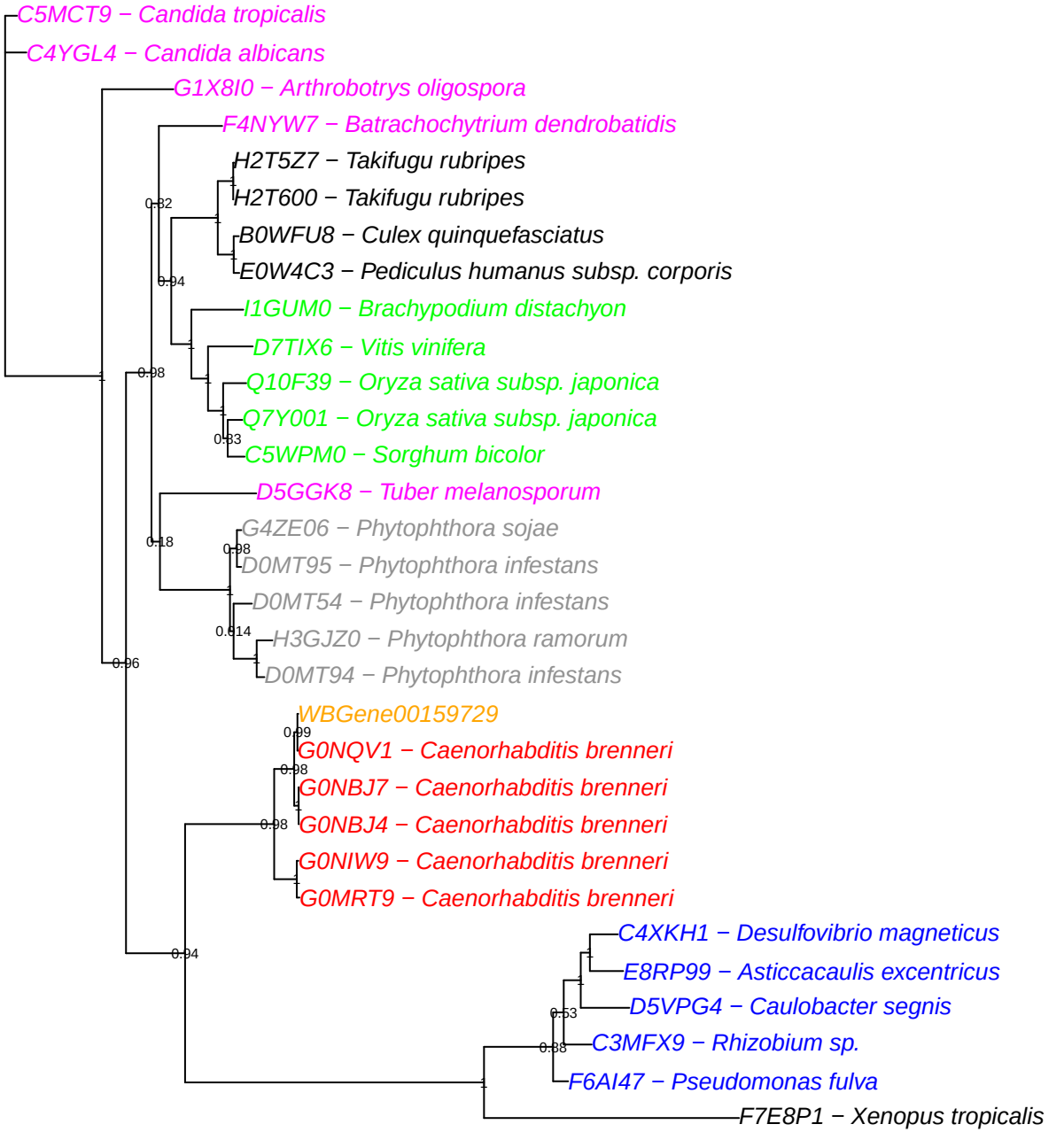

F1QIC0 − Danio rerio
G5B2V0 − Heterocephalus glaber
A9JT04 − Danio rerio
F4X6L3 − Acromyrmex echinatior
H9K5Y1 − Apis mellifera
Q67QC1 − Symbiobacterium thermophilum
A3CSN5 − Methanoculleus marisnigri
Q469V0 − Methanosarcina barkeri
Q8TMD8 − Methanosarcina acetivorans
A7I9T6 − Methanoregula boonei
F6D3Q0 − Methanobacterium sp.
F0J491 − Acidiphilium multivorum
A5G1L9 − Acidiphilium cryptum
C1F337 − Acidobacterium capsulatum
B7S487 − Phaeodactylum tricornutum
Q1IPV3 − Koribacter versatilis
WBGene00161805
G0MHX9 − Caenorhabditis brenneri
H2WBH3 − Caenorhabditis japonica
Q93244 − Caenorhabditis elegans
E3MMR1 − Caenorhabditis remanei
A8WRN7 − Caenorhabditis briggsae
Q10CX6 − Oryza sativa subsp. japonica
Q9XEA8 − Oryza sativa subsp. japonica
Q00XK0 − Ostreococcus tauri
A4S621 − Ostreococcus lucimarinus
C1DZY8 − Micromonas sp.
G4ZT06 − Phytophthora sojae
H3G8J7 − Phytophthora ramorum
G4ZT05 − Phytophthora sojae
D2VTF3 − Naegleria gruberi
0.91
0.98
0.97
1
0.95
1
0.58
0.74
1
0.71
0.9
0.99
0.55
0.57
1
0.76
0.94
0.82
0.55
0.94
1
0.017
0.57
0.98
0.46
0.93
1
0.12

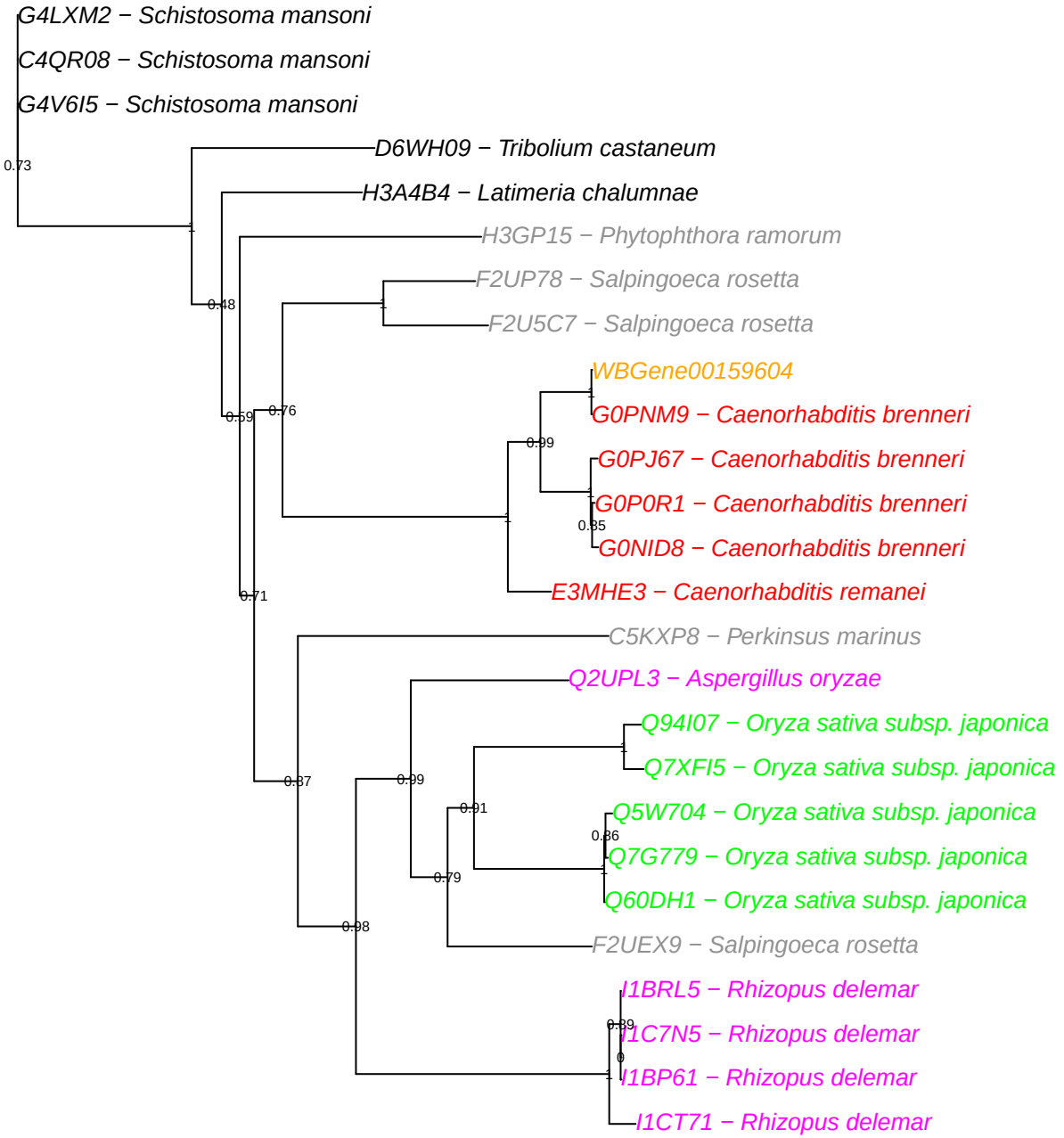

F4P737 − Batrachochytrium dendrobatidis
F4NWL5 − Batrachochytrium dendrobatidis
I1BTE0 − Rhizopus delemar
E3JYQ2 − Puccinia graminis f. sp. tritici
F4RLN8 − Melampsora larici−populina
E3M0R0 − Caenorhabditis remanei
WBGene00161698
G0P531 − Caenorhabditis brenneri
A8XD63 − Caenorhabditis briggsae
O16331 − Caenorhabditis elegans
H2WK05 − Caenorhabditis japonica
G4Z4C6 − Phytophthora sojae
D0NPP8 − Phytophthora infestans
F4PJN5 − Dictyostelium fasciculatum
Q76P11 − Dictyostelium discoideum
H2Z2K9 − Ciona savignyi
G1MSL6 − Meleagris gallopavo
G1PKF6 − Myotis lucifugus
G3UFC6 − Loxodonta africana
G3VK56 − Sarcophilus harrisii
Q8THY0 − Methanosarcina acetivorans
Q12YQ7 − Methanococcoides burtonii
A5G6N9 − Geobacter uraniireducens
B9M7B8 − Geobacter daltonii
Q2FLJ9 − Methanospirillum hungatei JF−1
Q2LRR0 − Syntrophus aciditrophicus
F4BZH1 − Methanosaeta concilii
Q8TIR0 − Methanosarcina acetivorans
A7GRK4 − Bacillus cereus subsp. cytotoxis
D3E5S3 − Geobacillus sp.
D8THV5 − Volvox carteri
E1ZE44 − Chlorella variabilis
A4RQL0 − Ostreococcus lucimarinus
Q01GZ3 − Ostreococcus tauri
D3BBA2 − Polysphondylium pallidum
0.98
0.56
0.98
0.82
0.68
0.81
0.96
0.96
0.98
0.23

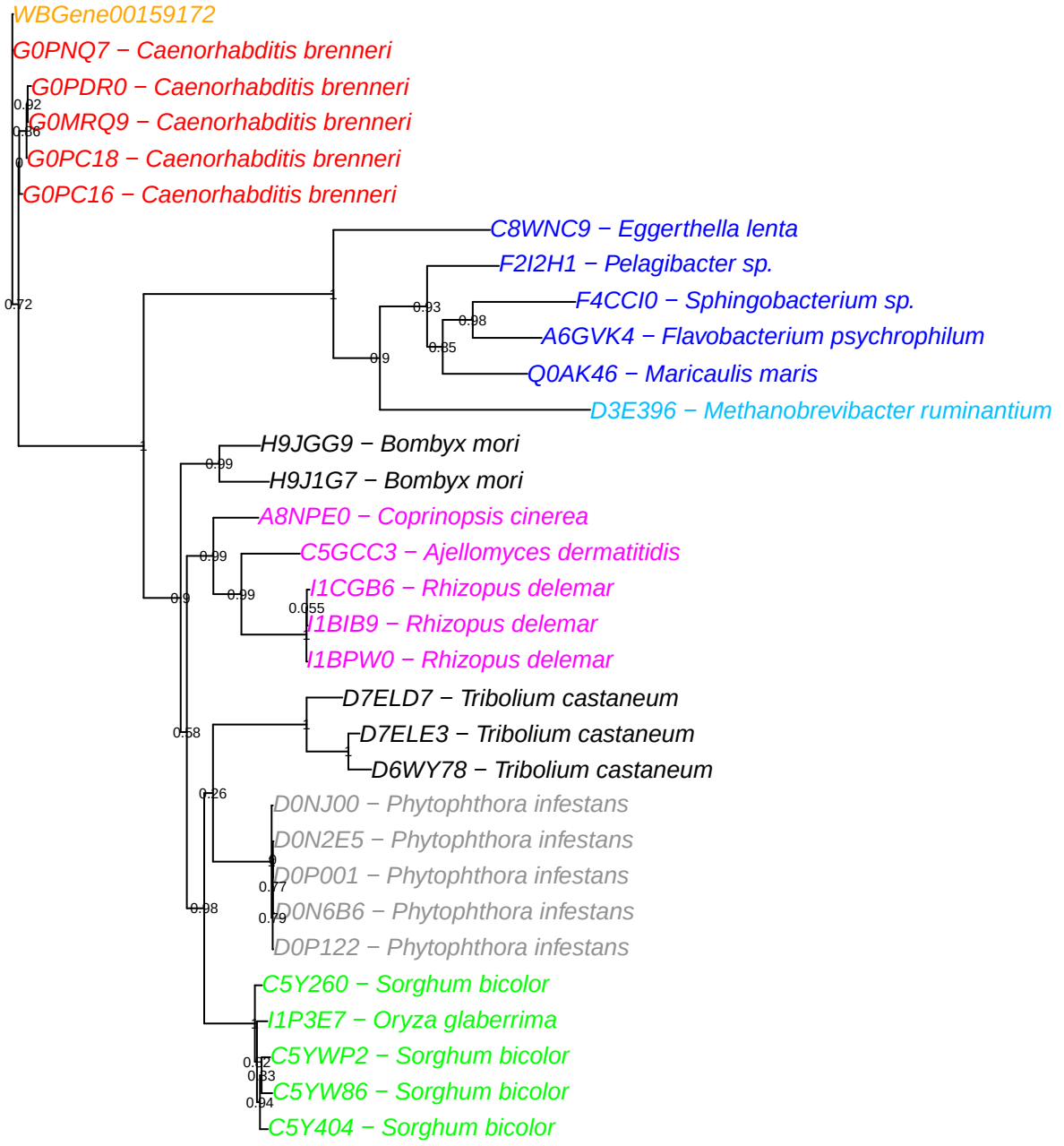

E9D7Q1 − Coccidioides posadasii
C5PC73 − Coccidioides posadasii
B3RLV7 − Trichoplax adhaerens
D7LDX5 − Arabidopsis lyrata subsp. lyrata
I1MXA6 − Glycine max
A9THU4 − Physcomitrella patens subsp. patens
WBGene00160448
G0NUI8 − Caenorhabditis brenneri
A8WV61 − Caenorhabditis briggsae
E3MLW3 − Caenorhabditis remanei
G5EG11 − Caenorhabditis elegans
H2WBU1 − Caenorhabditis japonica
A9SQ94 − Physcomitrella patens subsp. patens
A7NJF6 − Roseiflexus castenholzii
A5UYN0 − Roseiflexus sp.
D3Q8T0 − Stackebrandtia nassauensis
E8SC66 − Micromonospora sp.
D9TCS2 − Micromonospora aurantiaca
I1C588 − Rhizopus delemar
I1BH20 − Rhizopus delemar
F4P426 − Batrachochytrium dendrobatidis
Q4G2T1 − Thalassiosira pseudonana
F0YD00 − Aureococcus anophagefferens
H3GA95 − Phytophthora ramorum
G5AD69 − Phytophthora sojae
D0N3L9 − Phytophthora infestans
C1MI41 − Micromonas pusilla
H2LPJ8 − Oryzias latipes
G3NQU2 − Gasterosteus aculeatus
G3NPE5 − Gasterosteus aculeatus
D2D0E5 − Sus scrofa
0.99
0.99
0.98
0.74
0.96
0.8
0.88
0.92
0.99
0.18
0.9
0.75
0.92
0.99
0.24
0.69
0.94

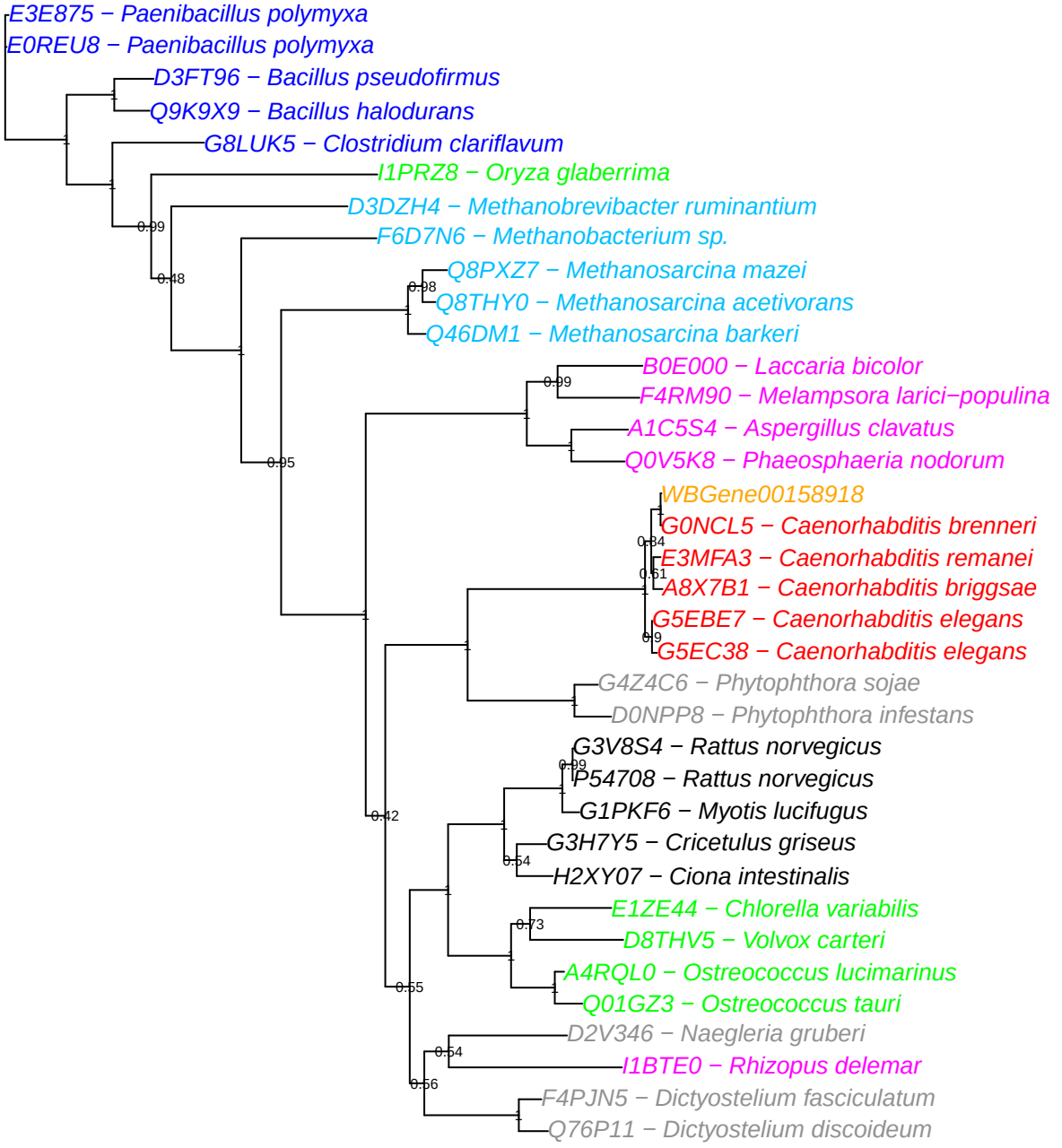

B2VV92 − Pyrenophora tritici−repentis
E3RW23 − Pyrenophora teres f. teres
E5AAY3 − Leptosphaeria maculans
B2ADQ7 − Podospora anserina
I1CHC0 − Rhizopus delemar
F0V7P0 − Neospora caninum
F6U2S1 − Ciona intestinalis
Q22523 − Caenorhabditis elegans
A8WYC8 − Caenorhabditis briggsae
H2VSU2 − Caenorhabditis japonica
WBGene00160009
G0NEZ6 − Caenorhabditis brenneri
E3LIG2 − Caenorhabditis remanei
B4R5D0 − Drosophila simulans
B0WKU3 − Culex quinquefasciatus
H9KHU2 − Apis mellifera
H9ITE9 − Bombyx mori
G4Z8E6 − Phytophthora sojae
G4Z834 − Phytophthora sojae
H3H7F1 − Phytophthora ramorum
D0NF16 − Phytophthora infestans
A9F672 − Sorangium cellulosum
Q2IQ33 − Anaeromyxobacter dehalogenans
C1FA99 − Acidobacterium capsulatum
Q6L063 − Picrophilus torridus
H8KTI8 − Solitalea canadensis
F0S5C1 − Pedobacter saltans
Q468F8 − Methanosarcina barkeri
Q8TPB2 − Methanosarcina acetivorans
B8GI37 − Methanosphaerula palustris
A3CXD1 − Methanoculleus marisnigri
C1E4R8 − Micromonas sp.
C1MPR3 − Micromonas pusilla
0.92
0.64
0.091
0.5
0.31
0.99
0.84
0.64
0.96
0.89
0.94
0.98
0.79
0.98
0.93
0.94
0.49

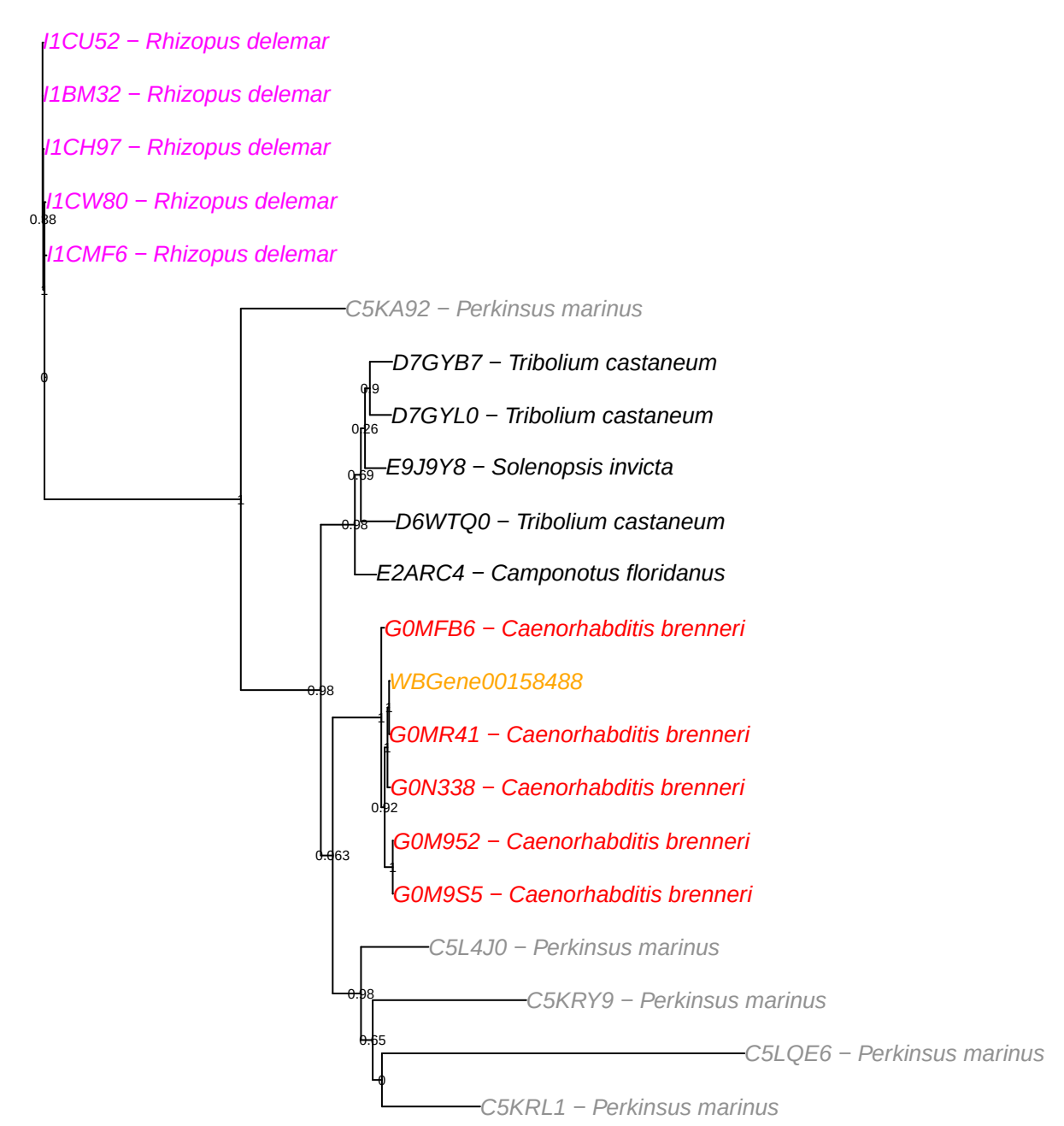

C5L5K1 − Perkinsus marinus
C5K5A7 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
F9Y0V2 − Bifidobacterium breve
F9Y2J3 − Bifidobacterium breve
C5WX49 − Sorghum bicolor
Q8RUA5 − Oryza sativa subsp. japonica
Q7XRL7 − Oryza sativa subsp. japonica
Q7XWQ1 − Oryza sativa subsp. japonica
Q7X7S3 − Oryza sativa subsp. japonica
I1BM32 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1CHN6 − Rhizopus delemar
I1CHN2 − Rhizopus delemar
I1CW80 − Rhizopus delemar
C5LFP2 − Perkinsus marinus
G0NBA6 − Caenorhabditis brenneri
G0N6S7 − Caenorhabditis brenneri
WBGene00159793
G0NW89 − Caenorhabditis brenneri
E3MU87 − Caenorhabditis remanei
E3MMJ5 − Caenorhabditis remanei
E2ARC4 − Camponotus floridanus
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
0.99
0.99
0.62
0.98
0.84
0.74
0.98
0.93
0.62
0.95
0.98
0.97
0.99
0.98
0.96
0.84
0.43
0.96

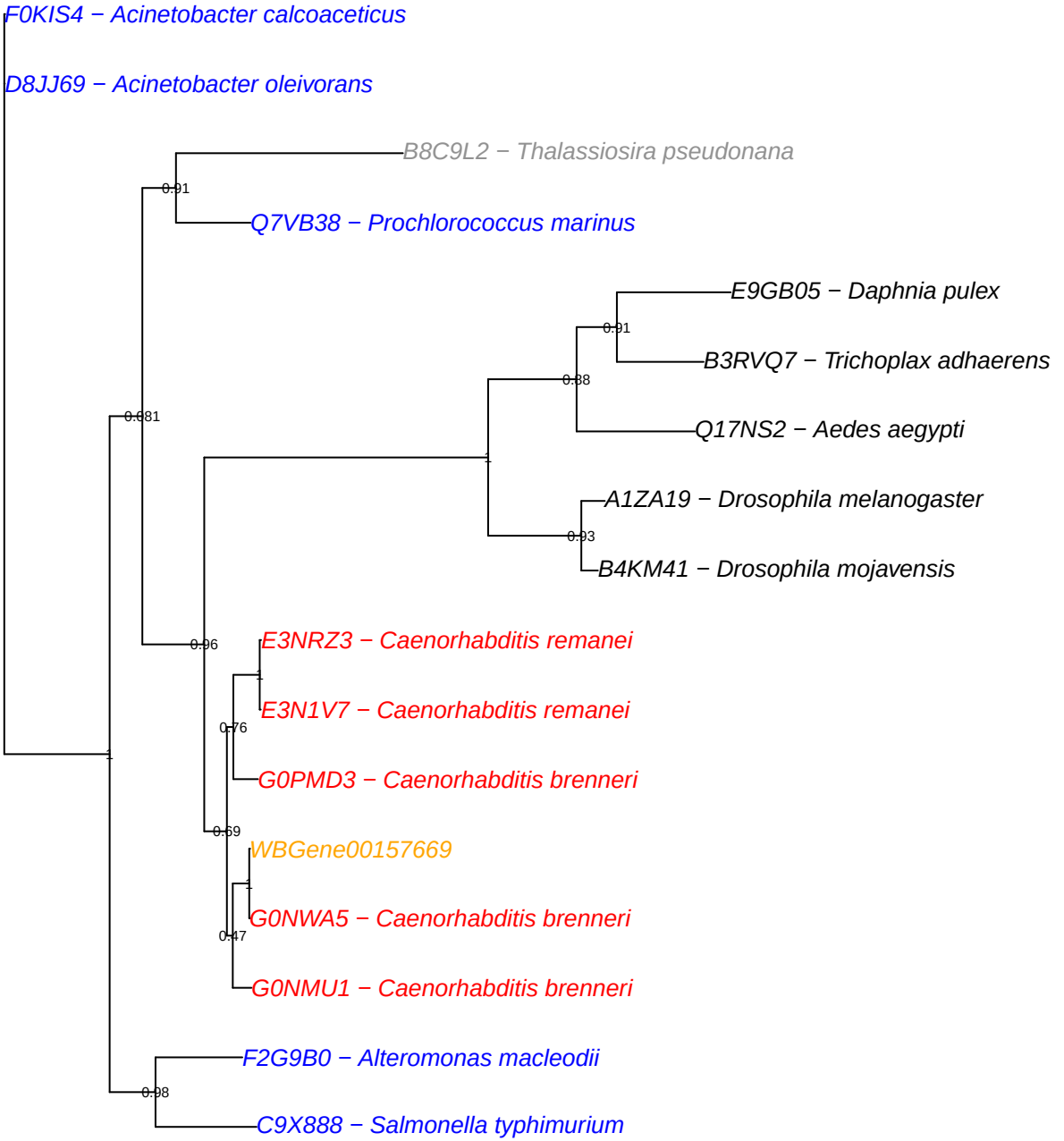

C5MCT9 − Candida tropicalis
C4YGL4 − Candida albicans
G1X8I0 − Arthrobotrys oligospora
F4NYW7 − Batrachochytrium dendrobatidis
H2T5Z7 − Takifugu rubripes
H2T600 − Takifugu rubripes
B0WFU8 − Culex quinquefasciatus
E0W4C3 − Pediculus humanus subsp. corporis
I1GUM0 − Brachypodium distachyon
D7TIX6 − Vitis vinifera
Q10F39 − Oryza sativa subsp. japonica
Q7Y001 − Oryza sativa subsp. japonica
C5WPM0 − Sorghum bicolor
D5GGK8 − Tuber melanosporum
G4ZE06 − Phytophthora sojae
D0MT95 − Phytophthora infestans
D0MT54 − Phytophthora infestans
H3GJZ0 − Phytophthora ramorum
D0MT94 − Phytophthora infestans
WBGene00159729
G0NQV1 − Caenorhabditis brenneri
G0NBJ7 − Caenorhabditis brenneri
G0NBJ4 − Caenorhabditis brenneri
G0NIW9 − Caenorhabditis brenneri
G0MRT9 − Caenorhabditis brenneri
C4XKH1 − Desulfovibrio magneticus
E8RP99 − Asticcacaulis excentricus
D5VPG4 − Caulobacter segnis
C3MFX9 − Rhizobium sp.
F6AI47 − Pseudomonas fulva
F7E8P1 − Xenopus tropicalis
0.82
0.94
0.98
0.93
0.18
0.98
0.914
0.96
0.99
0.98
0.98
0.94
0.53
0.88

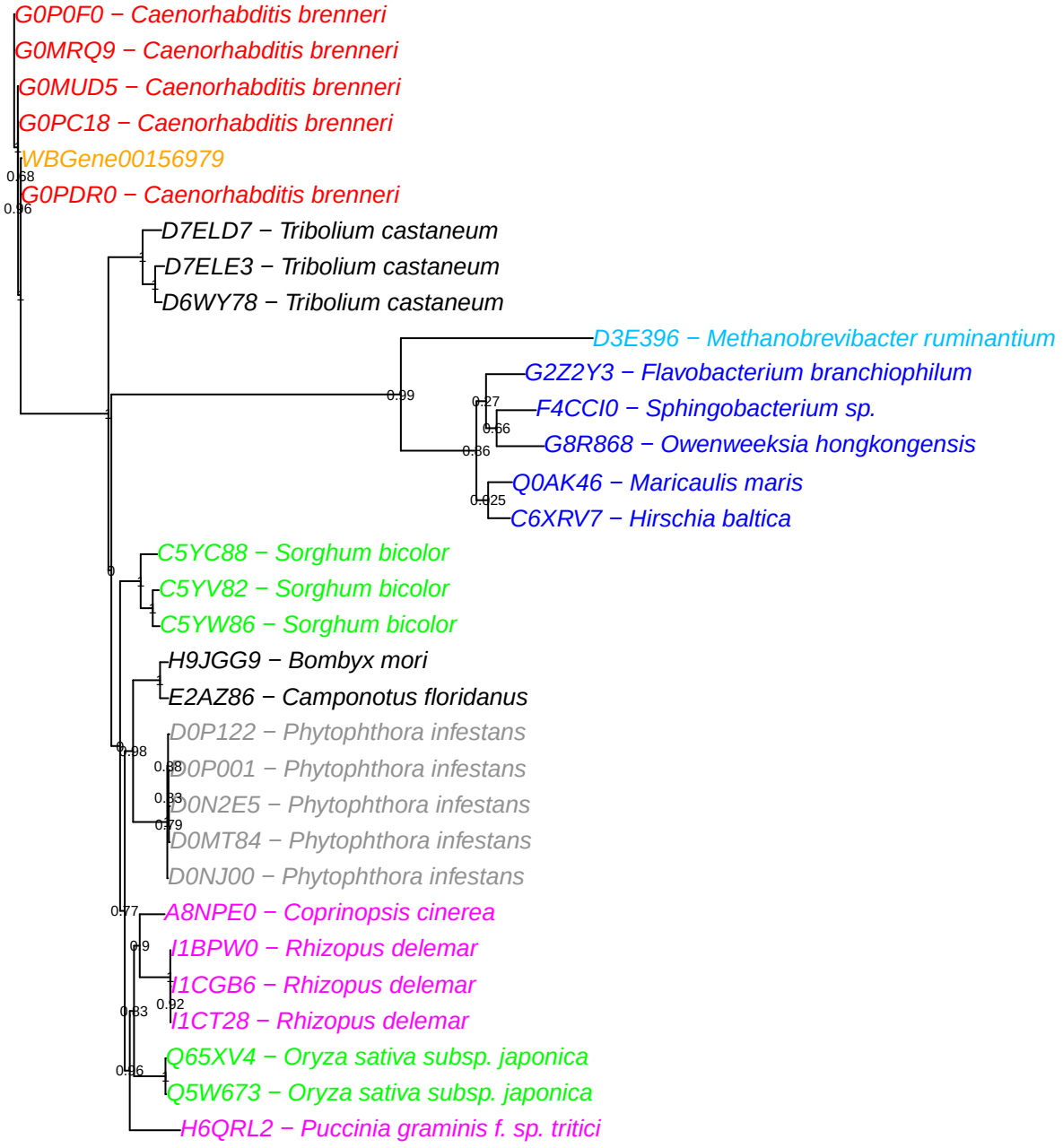

G4LXM2 − Schistosoma mansoni
C4QR08 − Schistosoma mansoni
G4V6I5 − Schistosoma mansoni
D6WH09 − Tribolium castaneum
H3A4B4 − Latimeria chalumnae
H3GP15 − Phytophthora ramorum
F2UP78 − Salpingoeca rosetta
F2U5C7 − Salpingoeca rosetta
WBGene00159604
G0PNM9 − Caenorhabditis brenneri
G0PJ67 − Caenorhabditis brenneri
G0P0R1 − Caenorhabditis brenneri
G0NID8 − Caenorhabditis brenneri
E3MHE3 − Caenorhabditis remanei
C5KXP8 − Perkinsus marinus
Q2UPL3 − Aspergillus oryzae
Q94I07 − Oryza sativa subsp. japonica
Q7XFI5 − Oryza sativa subsp. japonica
Q5W704 − Oryza sativa subsp. japonica
Q7G779 − Oryza sativa subsp. japonica
Q60DH1 − Oryza sativa subsp. japonica
F2UEX9 − Salpingoeca rosetta
I1BRL5 − Rhizopus delemar
I1C7N5 − Rhizopus delemar
I1BP61 − Rhizopus delemar
I1CT71 − Rhizopus delemar
0.73
1
0.48
1
0.59
0.76
0.99
1
0.85
1
0.71
0.87
0.99
0.91
0.86
0.79
0.98
0.89
0
1

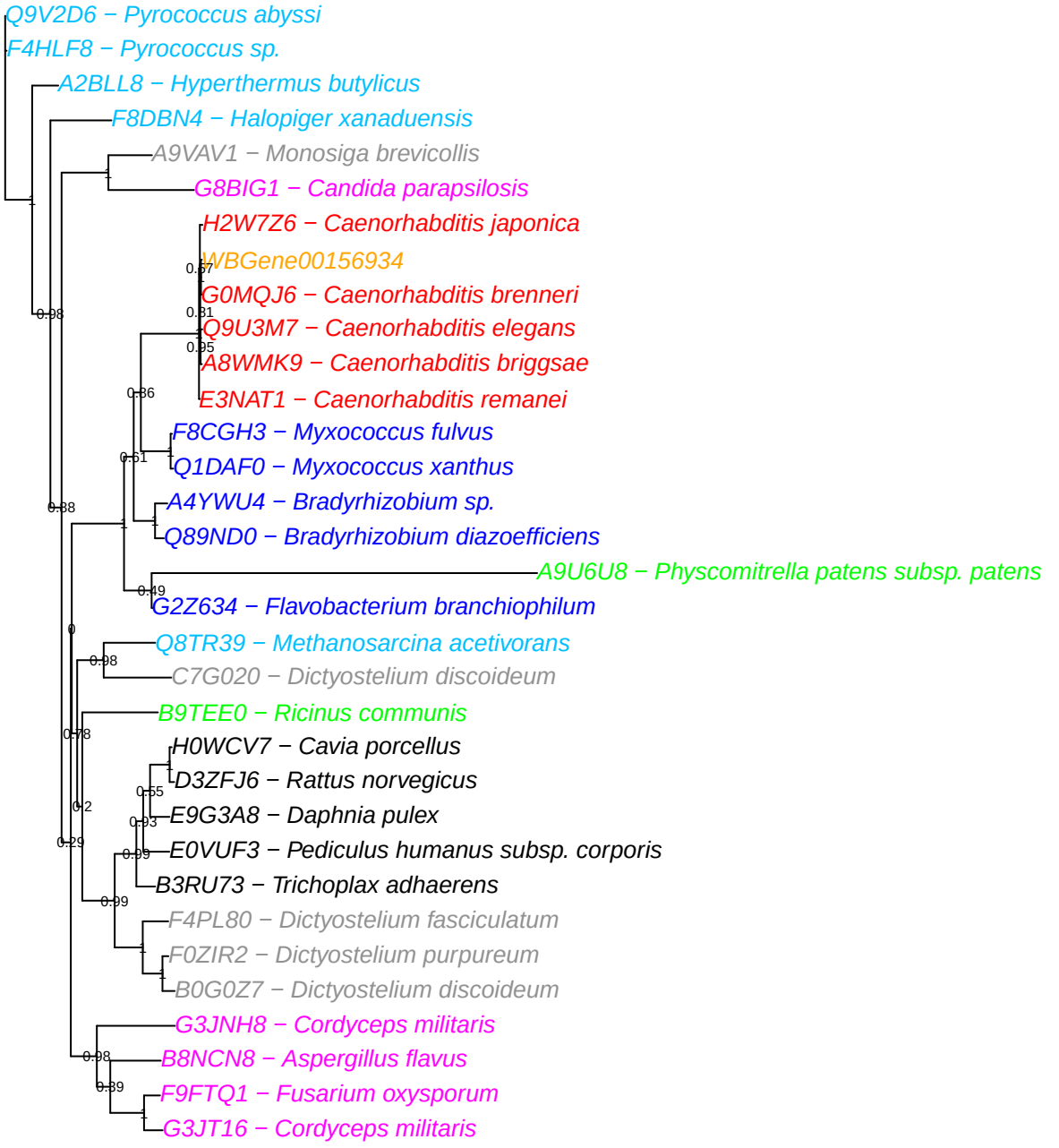

WBGene00159172
G0PNQ7 − Caenorhabditis brenneri
G0PDR0 − Caenorhabditis brenneri
G0MRQ9 − Caenorhabditis brenneri
G0PC18 − Caenorhabditis brenneri
G0PC16 − Caenorhabditis brenneri
C8WNC9 − Eggerthella lenta
F2I2H1 − Pelagibacter sp.
F4CCI0 − Sphingobacterium sp.
A6GVK4 − Flavobacterium psychrophilum
Q0AK46 − Maricaulis maris
D3E396 − Methanobrevibacter ruminantium
H9JGG9 − Bombyx mori
H9J1G7 − Bombyx mori
A8NPE0 − Coprinopsis cinerea
C5GCC3 − Ajellomyces dermatitidis
I1CGB6 − Rhizopus delemar
I1BIB9 − Rhizopus delemar
I1BPW0 − Rhizopus delemar
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
D0NJ00 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
D0P122 − Phytophthora infestans
C5Y260 − Sorghum bicolor
I1P3E7 − Oryza glaberrima
C5YWP2 − Sorghum bicolor
C5YW86 − Sorghum bicolor
C5Y404 − Sorghum bicolor
0.92
0.96
0
0.72
1
0.93
0.98
0.85
0.9
1
0.99
0.99
0.99
0.9
0.055
1
1
0.58
1
1
0.26
0
0.77
0.98
0.79
1
0.12
0.83
0.94

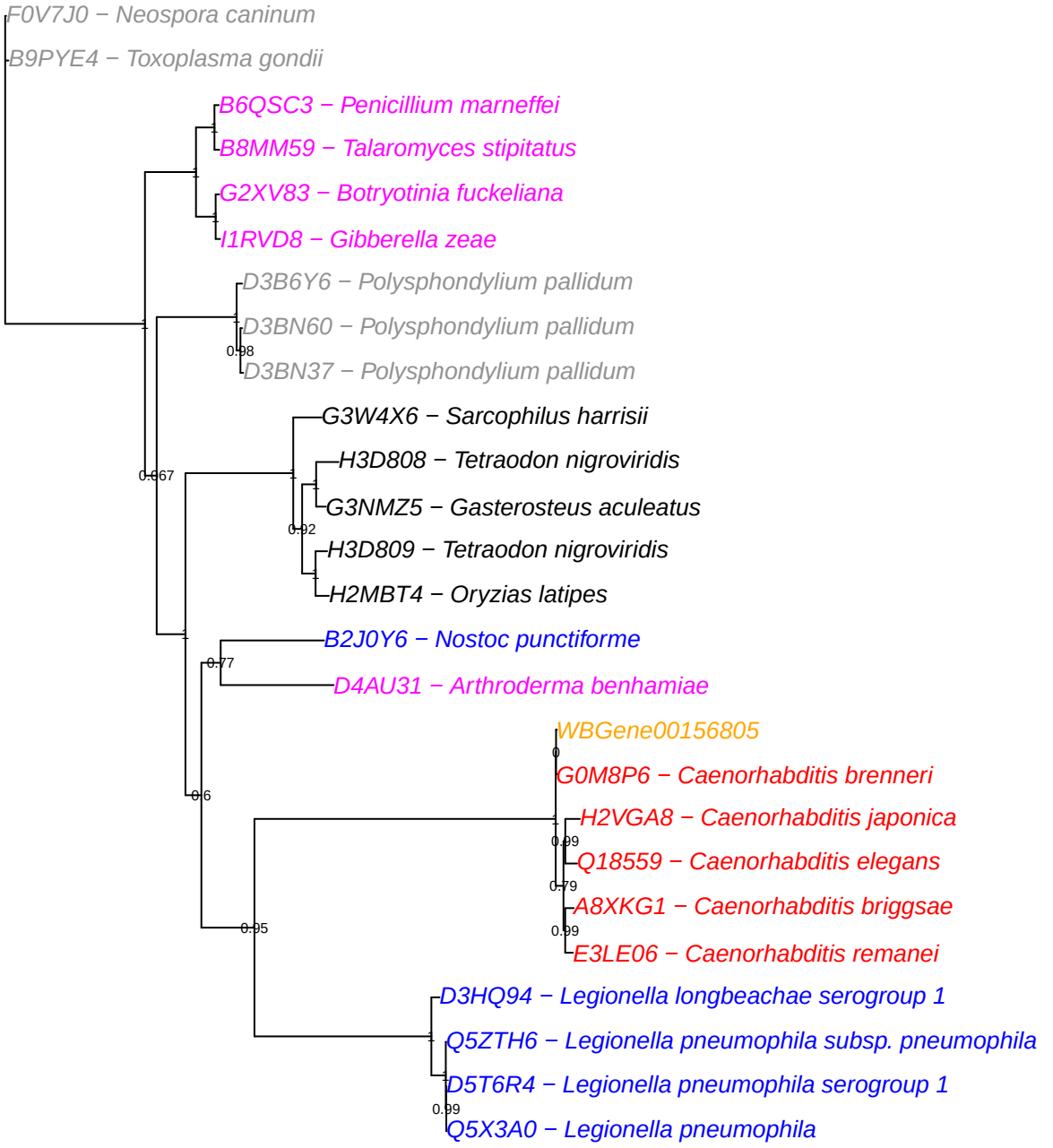

E3E875 − Paenibacillus polymyxa
E0REU8 − Paenibacillus polymyxa
D3FT96 − Bacillus pseudofirmus
Q9K9X9 − Bacillus halodurans
G8LUK5 − Clostridium clariflavum
I1PRZ8 − Oryza glaberrima
D3DZH4 − Methanobrevibacter ruminantium
F6D7N6 − Methanobacterium sp.
Q8PXZ7 − Methanosarcina mazei
Q8THY0 − Methanosarcina acetivorans
Q46DM1 − Methanosarcina barkeri
B0E000 − Laccaria bicolor
F4RM90 − Melampsora larici−populina
A1C5S4 − Aspergillus clavatus
Q0V5K8 − Phaeosphaeria nodorum
WBGene00158918
G0NCL5 − Caenorhabditis brenneri
E3MFA3 − Caenorhabditis remanei
A8X7B1 − Caenorhabditis briggsae
G5EBE7 − Caenorhabditis elegans
G5EC38 − Caenorhabditis elegans
G4Z4C6 − Phytophthora sojae
D0NPP8 − Phytophthora infestans
G3V8S4 − Rattus norvegicus
P54708 − Rattus norvegicus
G1PKF6 − Myotis lucifugus
G3H7Y5 − Cricetulus griseus
H2XY07 − Ciona intestinalis
E1ZE44 − Chlorella variabilis
D8THV5 − Volvox carteri
A4RQL0 − Ostreococcus lucimarinus
Q01GZ3 − Ostreococcus tauri
D2V346 − Naegleria gruberi
I1BTE0 − Rhizopus delemar
F4PJN5 − Dictyostelium fasciculatum
Q76P11 − Dictyostelium discoideum
0.99
0.48
0.98
0.99
0.95
0.84
0.51
0.9
0.99
0.42
0.54
0.73
0.55
0.54
0.56

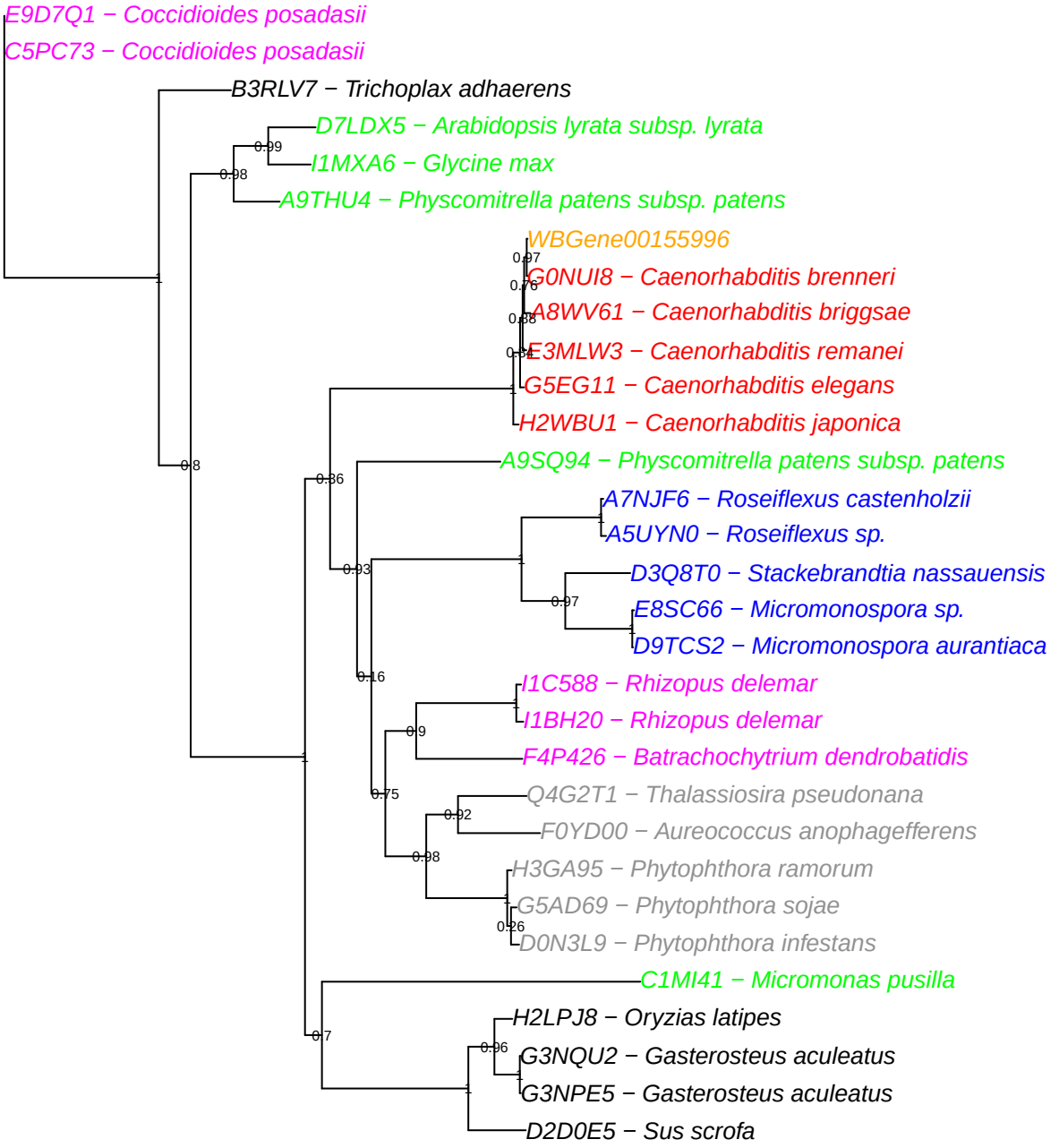

I1CU52 − Rhizopus delemar
I1BM32 − Rhizopus delemar
I1CH97 − Rhizopus delemar
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
C5KA92 − Perkinsus marinus
D7GYB7 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D6WTQ0 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
G0MFB6 − Caenorhabditis brenneri
WBGene00158488
G0MR41 − Caenorhabditis brenneri
G0N338 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0M9S5 − Caenorhabditis brenneri
C5L4J0 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5LQE6 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
0.88
1
0
0.9
0.26
0.69
0.98
1
0.98
1
1
1
0.92
0.063
1
0.98
0.65
0

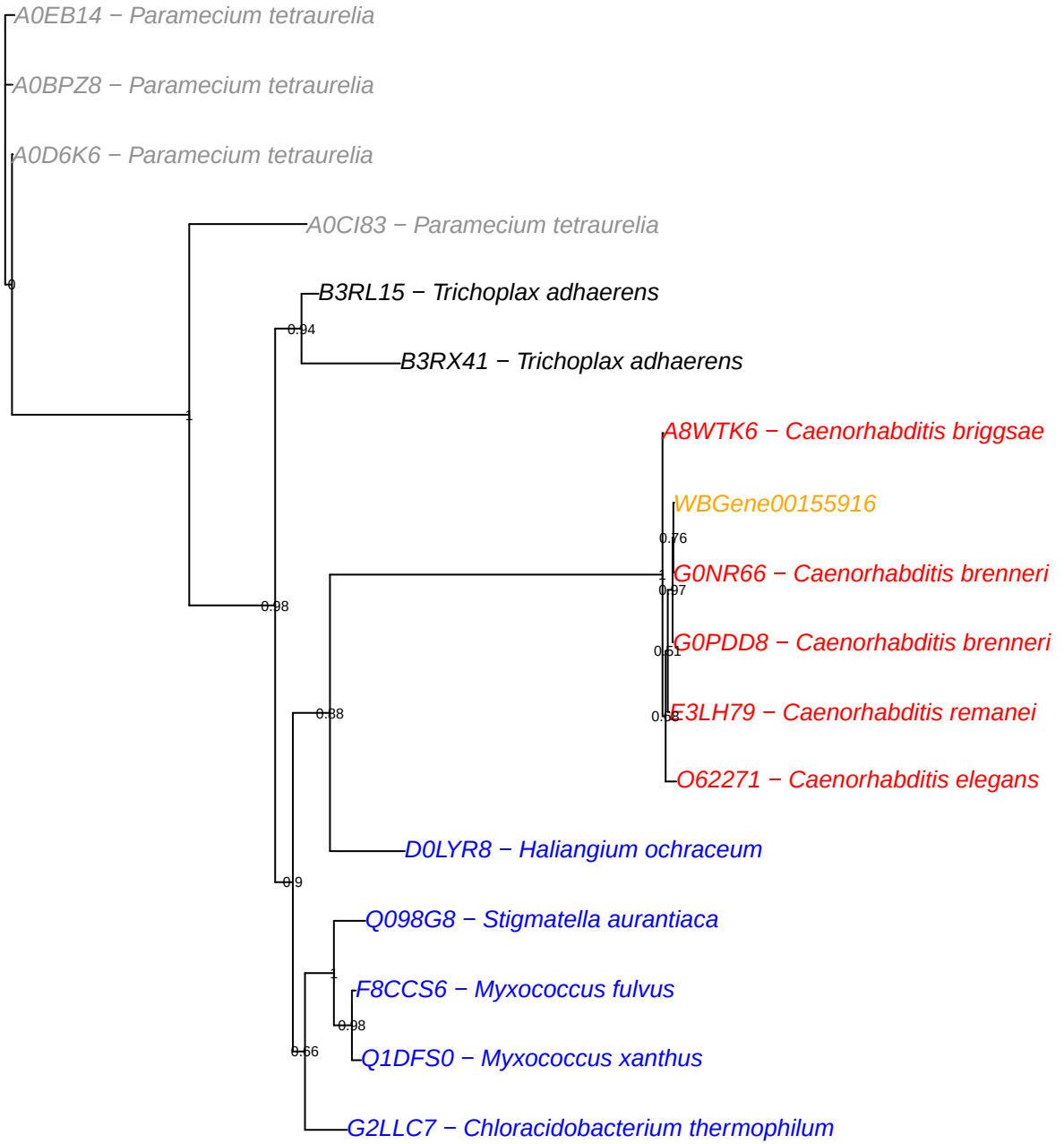

F0KIS4 − Acinetobacter calcoaceticus
D8JJ69 − Acinetobacter oleivorans
B8C9L2 − Thalassiosira pseudonana
0.91
Q7VB38 − Prochlorococcus marinus
E9GB05 − Daphnia pulex
0.91
B3RVQ7 − Trichoplax adhaerens
0.88
0.881
Q17NS2 − Aedes aegypti
1
A1ZA19 − Drosophila melanogaster
0.93
B4KM41 − Drosophila mojavensis
0.96
E3NRZ3 − Caenorhabditis remanei
1
E3N1V7 − Caenorhabditis remanei
0.76
1
G0PMD3 − Caenorhabditis brenneri
0.69
WBGene00157669
1
G0NWA5 − Caenorhabditis brenneri
0.47
G0NMU1 − Caenorhabditis brenneri
F2G9B0 − Alteromonas macleodii
0.98
C9X888 − Salmonella typhimurium

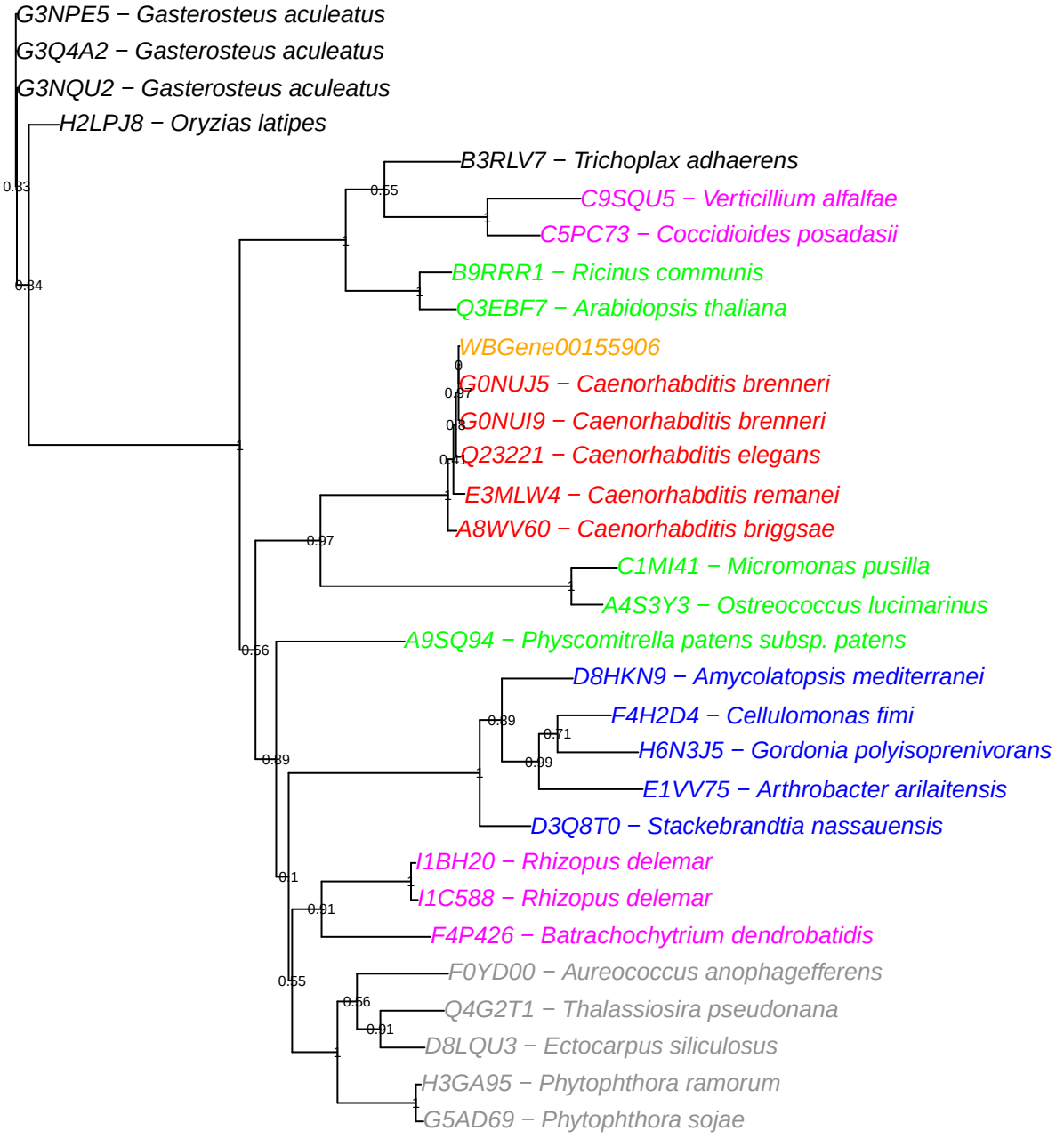

G0P0F0 − Caenorhabditis brenneri
G0MRQ9 − Caenorhabditis brenneri
G0MUD5 − Caenorhabditis brenneri
G0PC18 − Caenorhabditis brenneri
WBGene00156979
0.68
G0PDR0 − Caenorhabditis brenneri
0.96
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
D3E396 − Methanobrevibacter ruminantium
G2Z2Y3 − Flavobacterium branchiophilum
0.99
0.27
F4CCI0 − Sphingobacterium sp.
0.66
G8R868 − Owenweeksia hongkongensis
0.86
Q0AK46 − Maricaulis maris
0.625
C6XRV7 − Hirschia baltica
C5YC88 − Sorghum bicolor
C5YV82 − Sorghum bicolor
C5YW86 − Sorghum bicolor
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus
D0P122 − Phytophthora infestans
0.98
0.88
D0P001 − Phytophthora infestans
0.83
D0N2E5 − Phytophthora infestans
0.79
D0MT84 − Phytophthora infestans
D0NJ00 − Phytophthora infestans
0.77
A8NPE0 − Coprinopsis cinerea
0.9
I1BPW0 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
0.92
0.83
I1CT28 − Rhizopus delemar
Q65XV4 − Oryza sativa subsp. japonica
0.96
Q5W673 − Oryza sativa subsp. japonica
H6QRL2 − Puccinia graminis f. sp. tritici

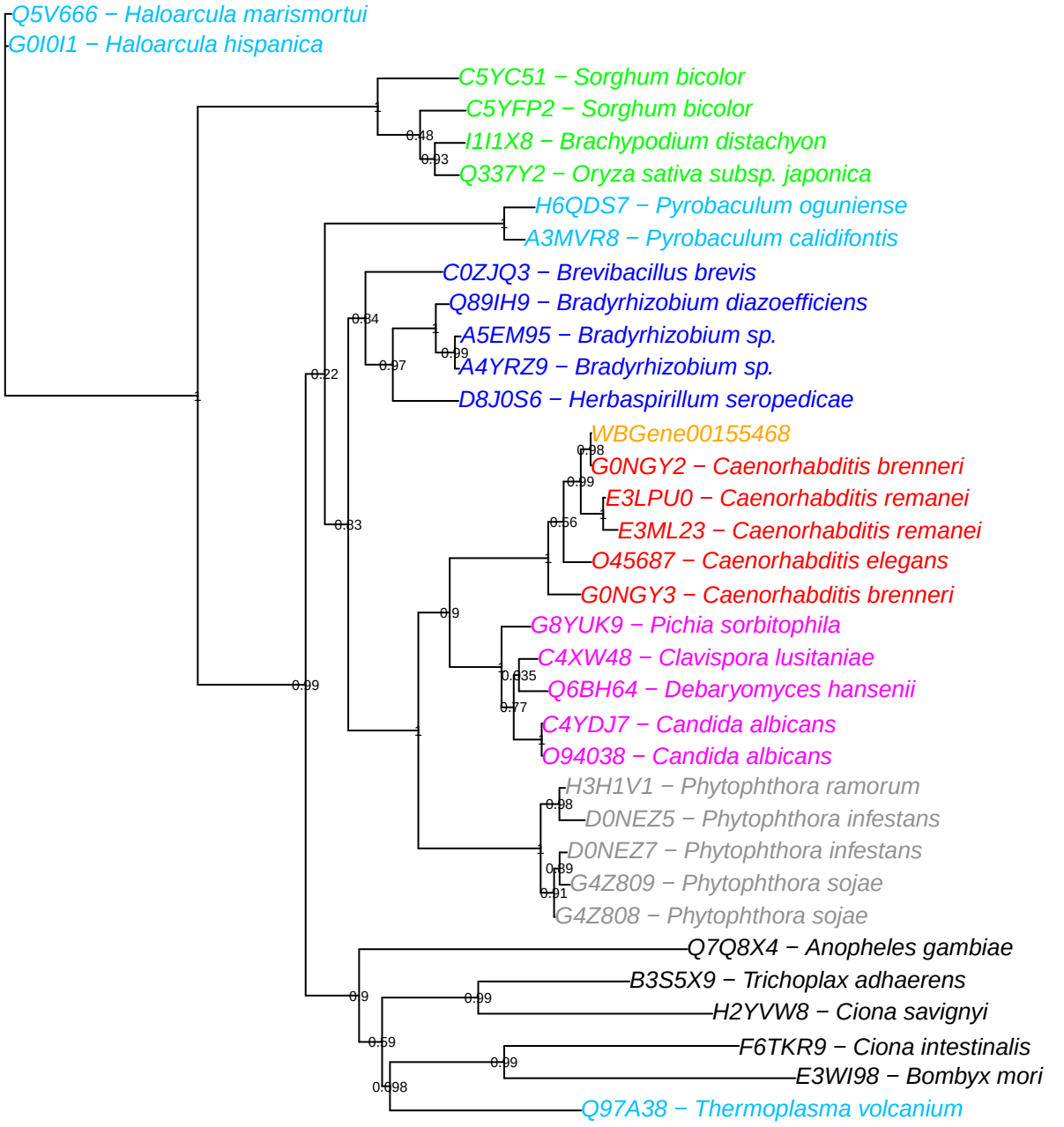

Q9V2D6 − Pyrococcus abyssi
F4HLF8 − Pyrococcus sp.
A2BLL8 − Hyperthermus butylicus
F8DBN4 − Halopiger xanaduensis
A9VAV1 − Monosiga brevicollis
G8BIG1 − Candida parapsilosis
H2W7Z6 − Caenorhabditis japonica
WBGene00156934
G0MQJ6 − Caenorhabditis brenneri
Q9U3M7 − Caenorhabditis elegans
A8WMK9 − Caenorhabditis briggsae
E3NAT1 − Caenorhabditis remanei
F8CGH3 − Myxococcus fulvus
Q1DAF0 − Myxococcus xanthus
A4YWU4 − Bradyrhizobium sp.
Q89ND0 − Bradyrhizobium diazoefficiens
A9U6U8 − Physcomitrella patens subsp. patens
G2Z634 − Flavobacterium branchiophilum
Q8TR39 − Methanosarcina acetivorans
C7G020 − Dictyostelium discoideum
B9TEE0 − Ricinus communis
H0WCV7 − Cavia porcellus
D3ZFJ6 − Rattus norvegicus
E9G3A8 − Daphnia pulex
E0VUF3 − Pediculus humanus subsp. corporis
B3RU73 − Trichoplax adhaerens
F4PL80 − Dictyostelium fasciculatum
F0ZIR2 − Dictyostelium purpureum
B0G0Z7 − Dictyostelium discoideum
G3JNH8 − Cordyceps militaris
B8NCN8 − Aspergillus flavus
F9FTQ1 − Fusarium oxysporum
G3JT16 − Cordyceps militaris

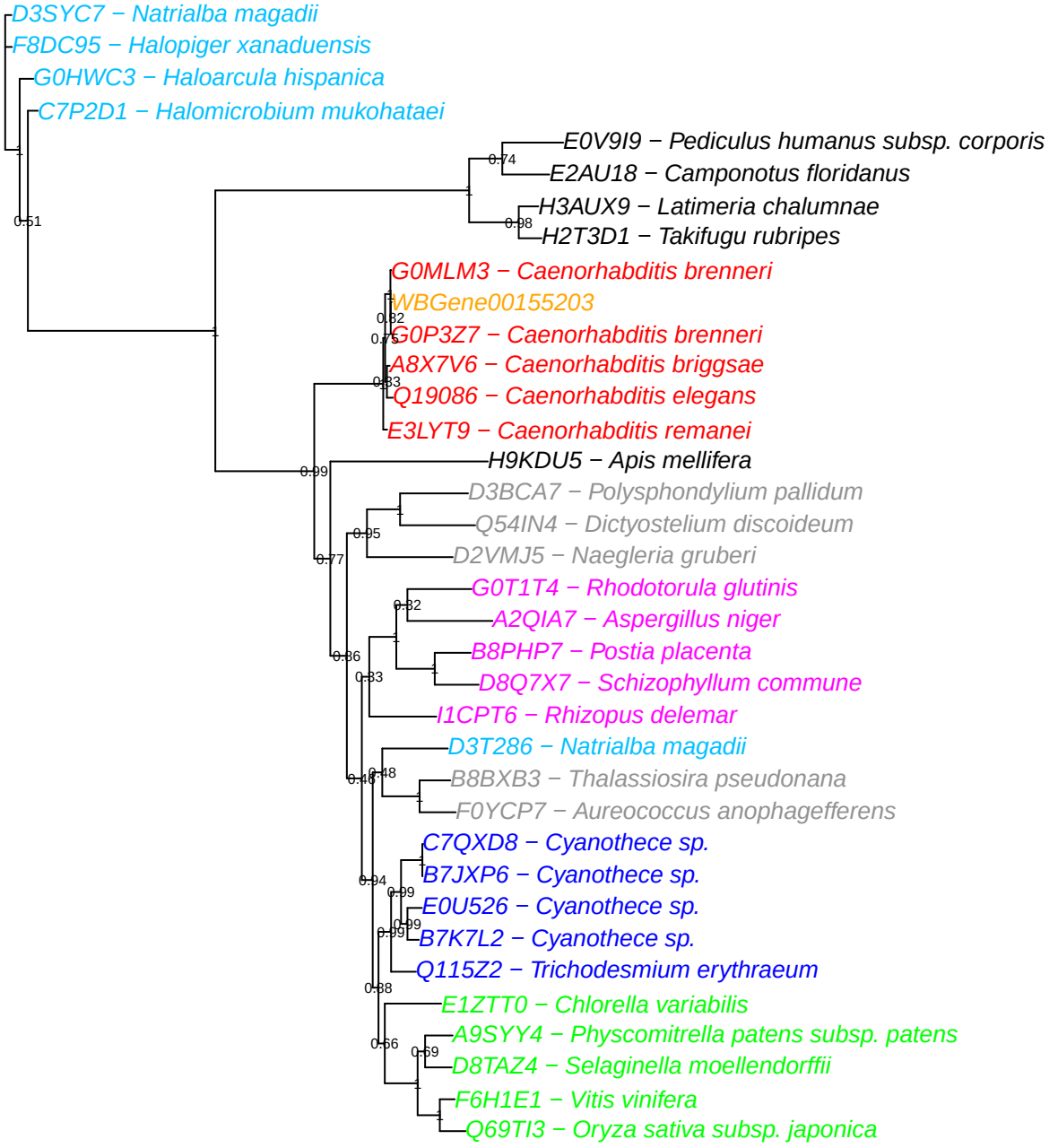

F0V7J0 − Neospora caninum
B9PYE4 − Toxoplasma gondii
B6QSC3 − Penicillium marneffei
B8MM59 − Talaromyces stipitatus
G2XV83 − Botryotinia fuckeliana
I1RVD8 − Gibberella zeae
D3B6Y6 − Polysphondylium pallidum
D3BN60 − Polysphondylium pallidum
0.98
D3BN37 − Polysphondylium pallidum
G3W4X6 − Sarcophilus harrisii
H3D808 − Tetraodon nigroviridis
0.667
G3NMZ5 − Gasterosteus aculeatus
0.92
H3D809 − Tetraodon nigroviridis
H2MBT4 − Oryzias latipes
B2J0Y6 − Nostoc punctiforme
0.77
D4AU31 − Arthroderma benhamiae
WBGene00156805
0
G0M8P6 − Caenorhabditis brenneri
H2VGA8 − Caenorhabditis japonica
0.99
Q18559 − Caenorhabditis elegans
0.79
A8XKG1 − Caenorhabditis briggsae
0.99
E3LE06 − Caenorhabditis remanei
0.6
0.95
D3HQ94 − Legionella longbeachae serogroup 1
Q5ZTH6 − Legionella pneumophila subsp. pneumophila
D5T6R4 − Legionella pneumophila serogroup 1
0.99
Q5X3A0 − Legionella pneumophila

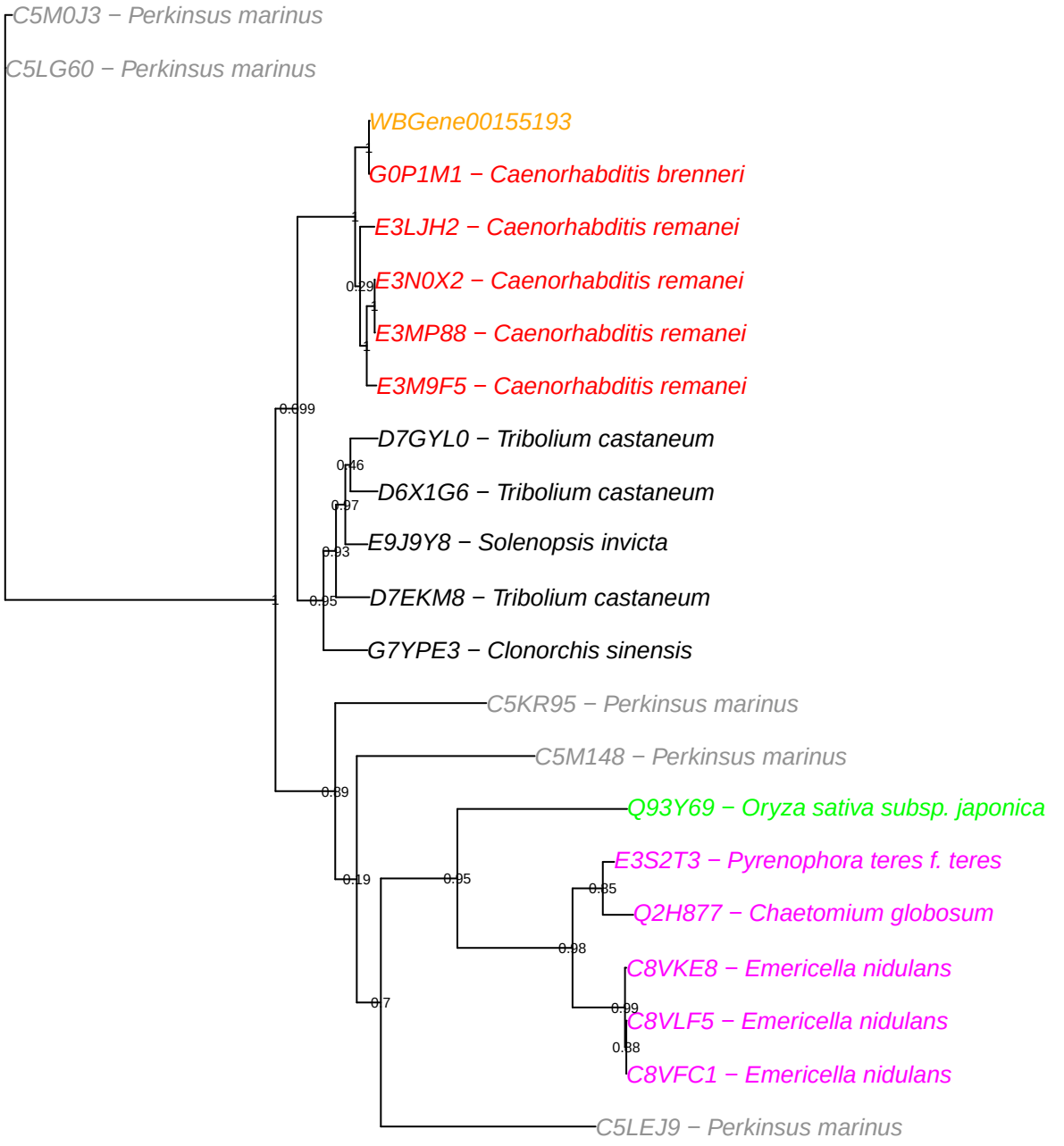

E9D7Q1 − Coccidioides posadasii
C5PC73 − Coccidioides posadasii
B3RLV7 − Trichoplax adhaerens
D7LDX5 − Arabidopsis lyrata subsp. lyrata
I1MXA6 − Glycine max
A9THU4 − Physcomitrella patens subsp. patens
WBGene00155996
G0NUI8 − Caenorhabditis brenneri
A8WV61 − Caenorhabditis briggsae
E3MLW3 − Caenorhabditis remanei
G5EG11 − Caenorhabditis elegans
H2WBU1 − Caenorhabditis japonica
A9SQ94 − Physcomitrella patens subsp. patens
A7NJF6 − Roseiflexus castenholzii
A5UYN0 − Roseiflexus sp.
D3Q8T0 − Stackebrandtia nassauensis
E8SC66 − Micromonospora sp.
D9TCS2 − Micromonospora aurantiaca
I1C588 − Rhizopus delemar
I1BH20 − Rhizopus delemar
F4P426 − Batrachochytrium dendrobatidis
Q4G2T1 − Thalassiosira pseudonana
F0YD00 − Aureococcus anophagefferens
H3GA95 − Phytophthora ramorum
G5AD69 − Phytophthora sojae
D0N3L9 − Phytophthora infestans
C1MI41 − Micromonas pusilla
H2LPJ8 − Oryzias latipes
G3NQU2 − Gasterosteus aculeatus
G3NPE5 − Gasterosteus aculeatus
D2D0E5 − Sus scrofa
0.99
0.98
0.97
0.76
0.88
0.94
1
0.8
0.86
0.93
0.97
0.16
0.9
0.75
0.92
0.98
0.96
0.7

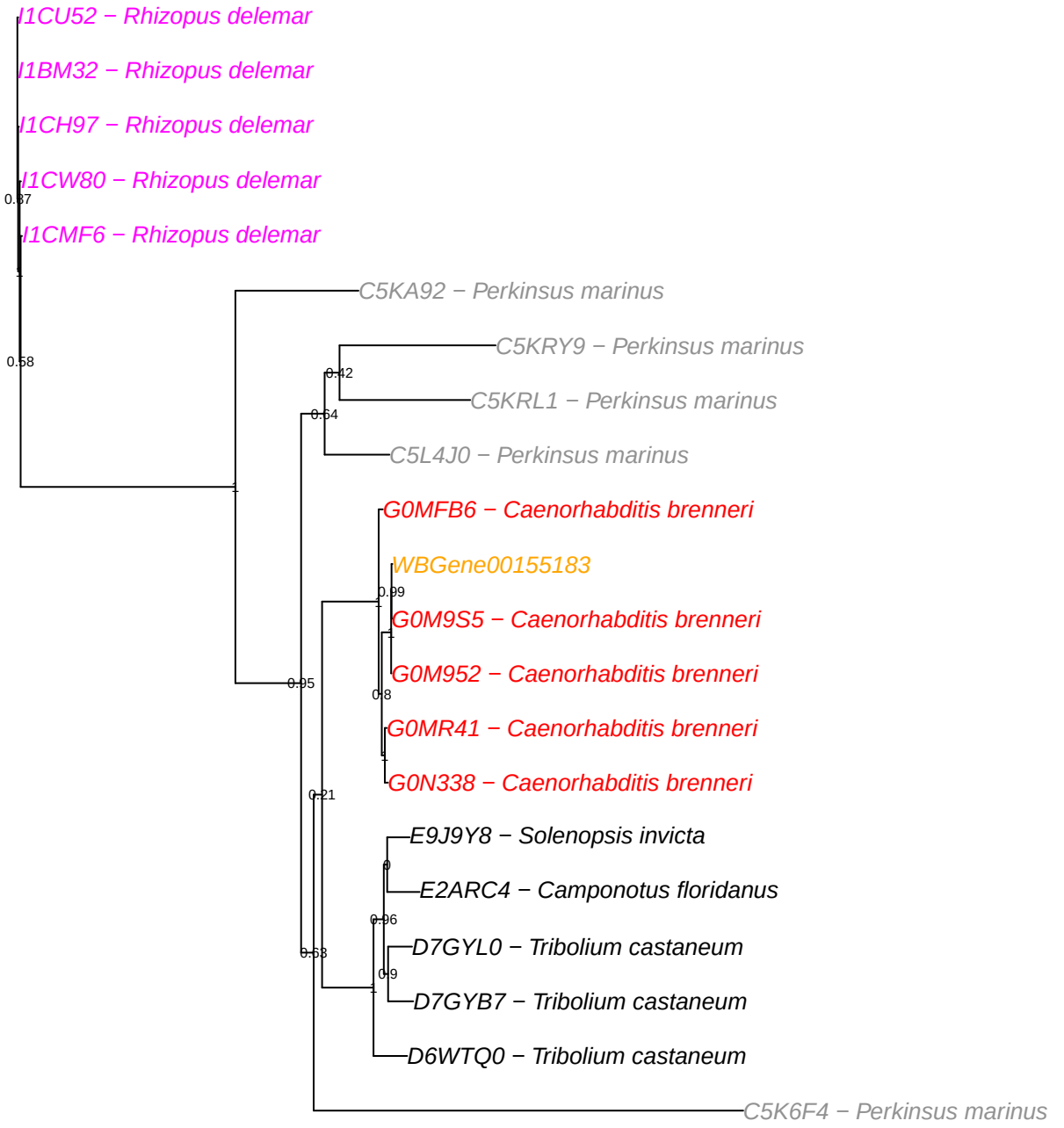

A0EB14 − Paramecium tetraurelia
A0BPZ8 − Paramecium tetraurelia
A0D6K6 − Paramecium tetraurelia
A0CI83 − Paramecium tetraurelia
B3RL15 − Trichoplax adhaerens
B3RX41 − Trichoplax adhaerens
A8WTK6 − Caenorhabditis briggsae
WBGene00155916
G0NR66 − Caenorhabditis brenneri
G0PDD8 − Caenorhabditis brenneri
E3LH79 − Caenorhabditis remanei
O62271 − Caenorhabditis elegans
D0LYR8 − Haliangium ochraceum
Q098G8 − Stigmatella aurantiaca
F8CCS6 − Myxococcus fulvus
Q1DFS0 − Myxococcus xanthus
G2LLC7 − Chloracidobacterium thermophilum
0
0.94
1
0.98
0.76
1
0.97
0.61
0.88
0.9
1
0.98
0.66

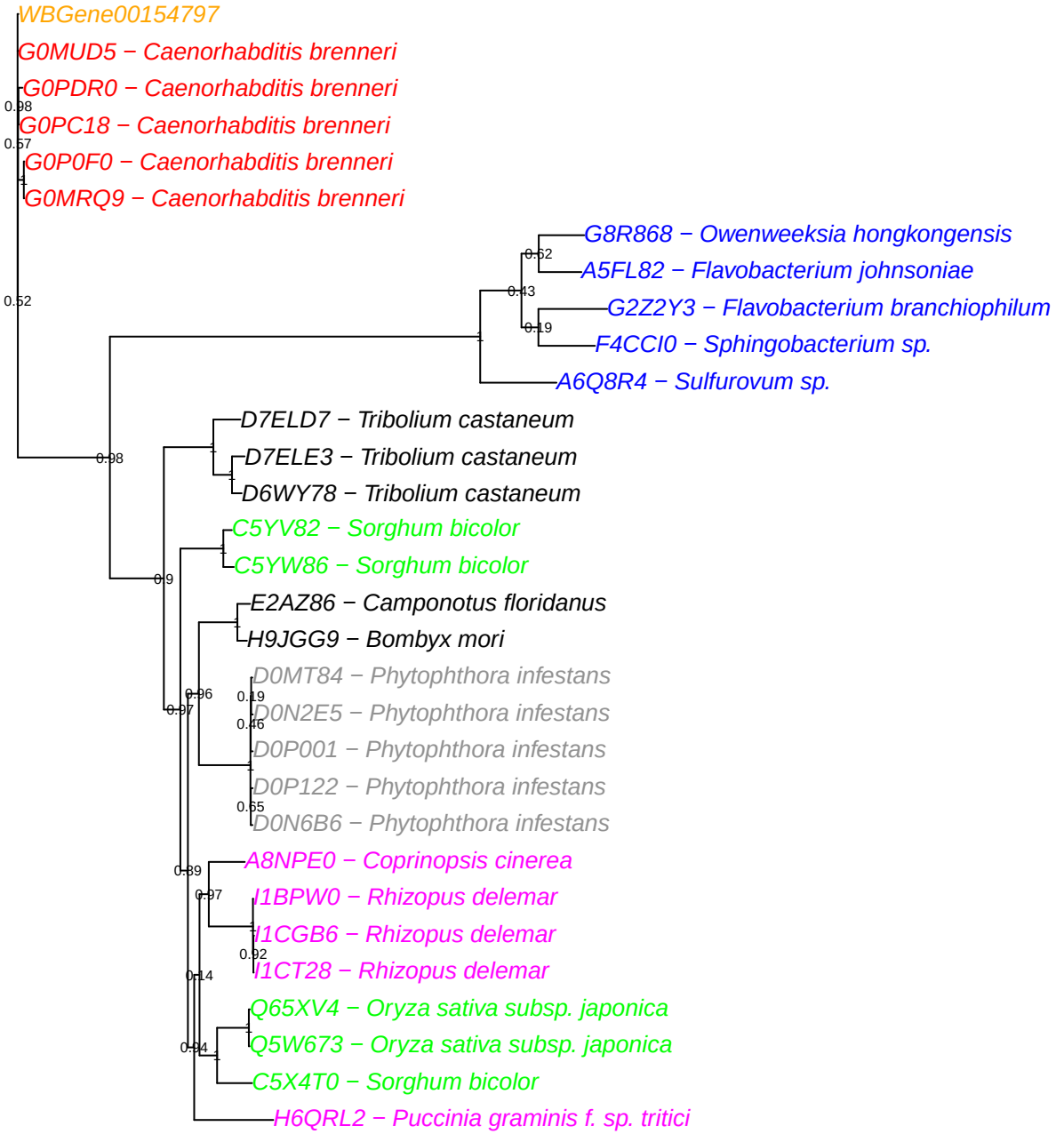

G3NPE5 − Gasterosteus aculeatus
G3Q4A2 − Gasterosteus aculeatus
G3NQU2 − Gasterosteus aculeatus
H2LPJ8 − Oryzias latipes
B3RLV7 − Trichoplax adhaerens
C9SQU5 − Verticillium alfalfae
C5PC73 − Coccidioides posadasii
B9RRR1 − Ricinus communis
Q3EBF7 − Arabidopsis thaliana
WBGene00155906
G0NUJ5 − Caenorhabditis brenneri
G0NUI9 − Caenorhabditis brenneri
Q23221 − Caenorhabditis elegans
E3MLW4 − Caenorhabditis remanei
A8WV60 − Caenorhabditis briggsae
C1MI41 − Micromonas pusilla
A4S3Y3 − Ostreococcus lucimarinus
A9SQ94 − Physcomitrella patens subsp. patens
D8HKN9 − Amycolatopsis mediterranei
F4H2D4 − Cellulomonas fimi
H6N3J5 − Gordonia polyisoprenivorans
E1VV75 − Arthrobacter arilaitensis
D3Q8T0 − Stackebrandtia nassauensis
I1BH20 − Rhizopus delemar
I1C588 − Rhizopus delemar
F4P426 − Batrachochytrium dendrobatidis
F0YD00 − Aureococcus anophagefferens
Q4G2T1 − Thalassiosira pseudonana
D8LQU3 − Ectocarpus siliculosus
H3GA95 − Phytophthora ramorum
G5AD69 − Phytophthora sojae
0.83
0.84
0.55
1
1
1
0
0.97
0.8
0.41
1
0.97
1
0.56
0.89
0.89
0.71
0.99
1
0.1
0.91
0.55
0.56
0.91
1

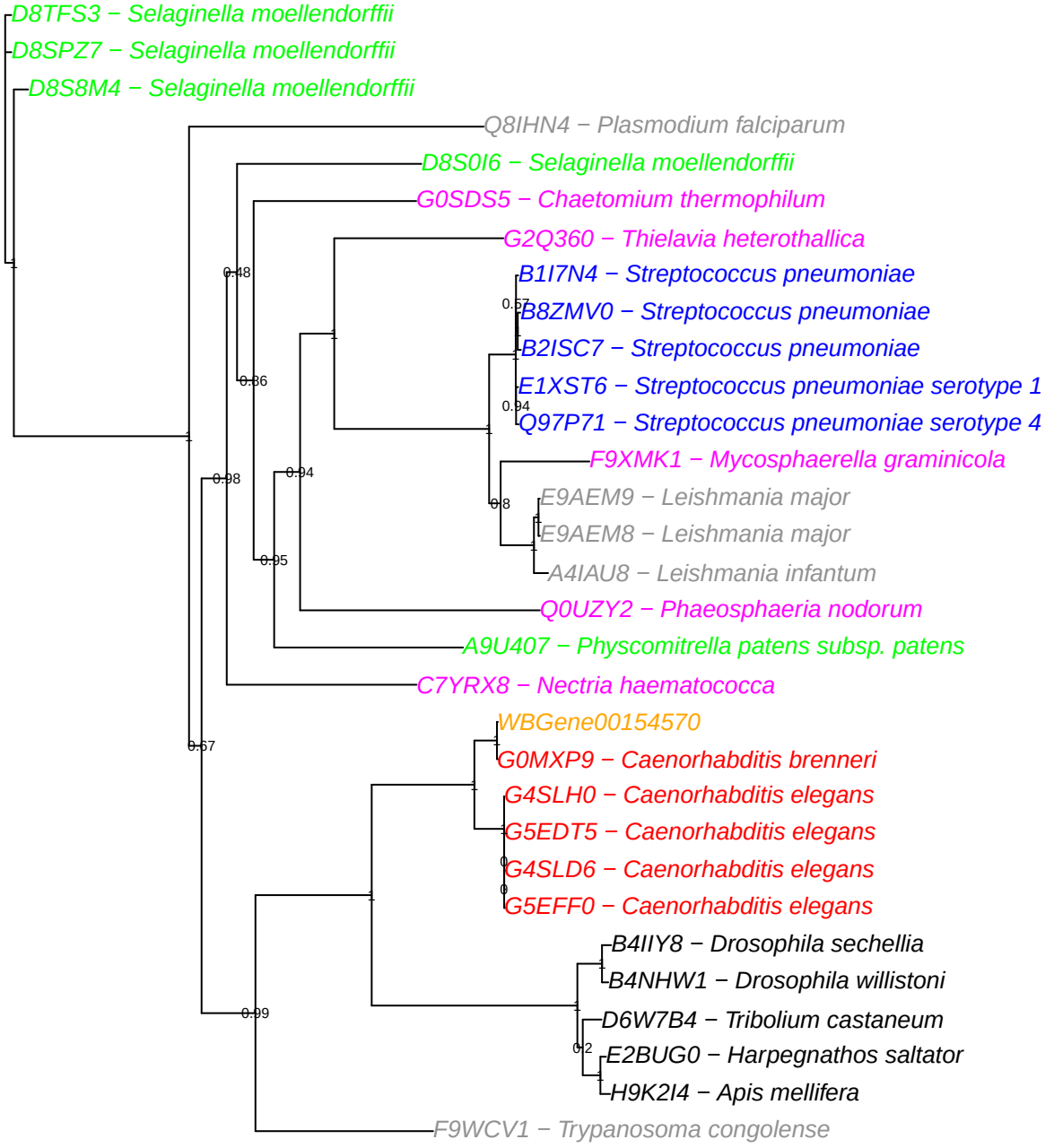

Q5V666 − Haloarcula marismortui
G0I0I1 − Haloarcula hispanica
C5YC51 − Sorghum bicolor
C5YFP2 − Sorghum bicolor
I1I1X8 − Brachypodium distachyon
Q337Y2 − Oryza sativa subsp. japonica
H6QDS7 − Pyrobaculum oguniense
A3MVR8 − Pyrobaculum calidifontis
C0ZJQ3 − Brevibacillus brevis
Q89IH9 − Bradyrhizobium diazoefficiens
A5EM95 − Bradyrhizobium sp.
A4YRZ9 − Bradyrhizobium sp.
D8J0S6 − Herbaspirillum seropedicae
WBGene00155468
G0NGY2 − Caenorhabditis brenneri
E3LPU0 − Caenorhabditis remanei
E3ML23 − Caenorhabditis remanei
O45687 − Caenorhabditis elegans
G0NGY3 − Caenorhabditis brenneri
G8YUK9 − Pichia sorbitophila
C4XW48 − Clavispora lusitaniae
Q6BH64 − Debaryomyces hansenii
C4YDJ7 − Candida albicans
O94038 − Candida albicans
H3H1V1 − Phytophthora ramorum
D0NEZ5 − Phytophthora infestans
D0NEZ7 − Phytophthora infestans
G4Z809 − Phytophthora sojae
G4Z808 − Phytophthora sojae
Q7Q8X4 − Anopheles gambiae
B3S5X9 − Trichoplax adhaerens
H2YVW8 − Ciona savignyi
F6TKR9 − Ciona intestinalis
E3WI98 − Bombyx mori
Q97A38 − Thermoplasma volcanium
1
0.48
0.93
1
0.84
1
0.99
0.97
0.22
1
0.83
0.99
0.98
0.99
1
0.56
1
0.9
0.835
0.77
1
0.98
0.89
0.91
0.9
0.99
0.59
0.99
0.698

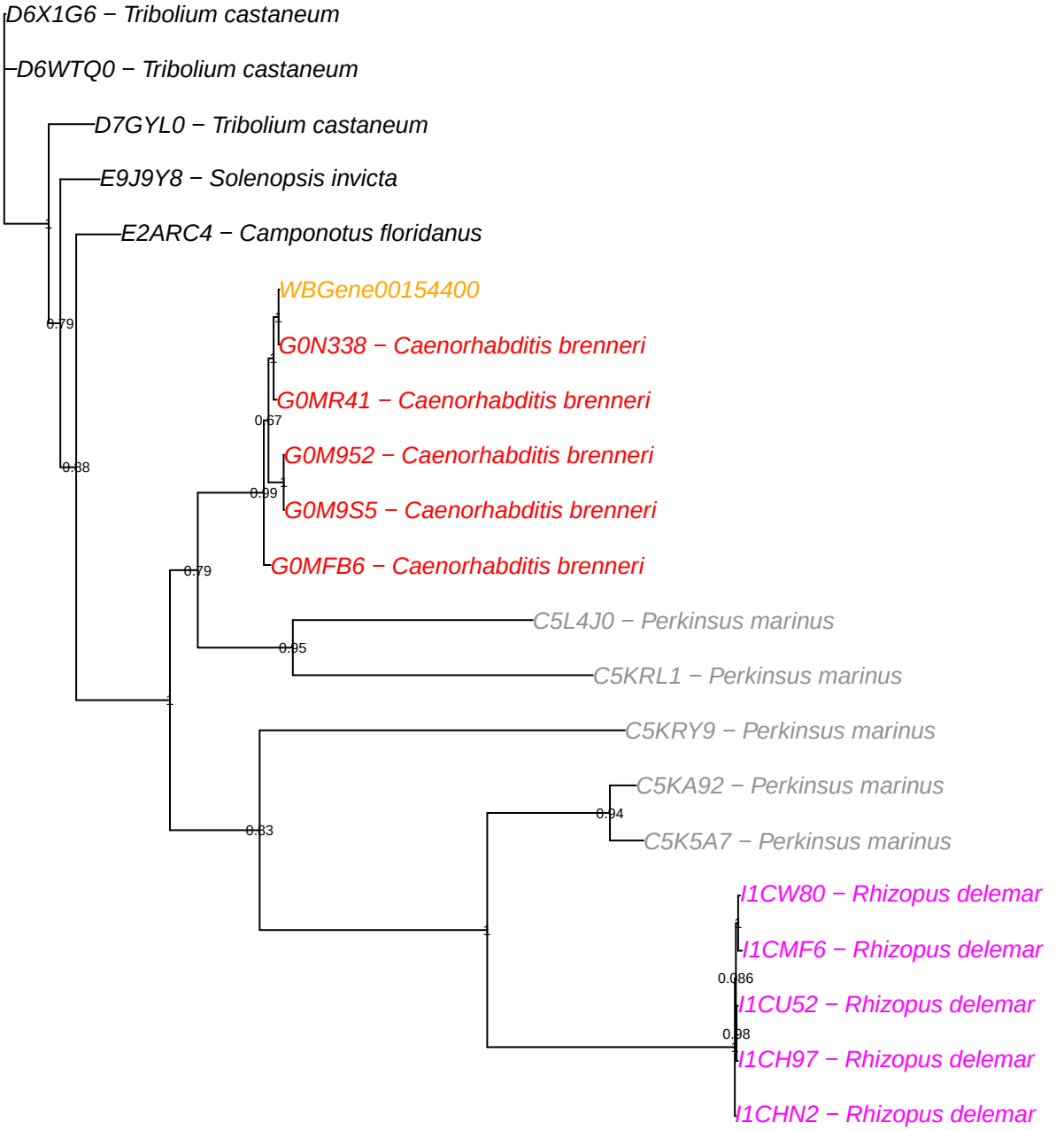

D3SYC7 − Natrialba magadii
F8DC95 − Halopiger xanaduensis
G0HWC3 − Haloarcula hispanica
C7P2D1 − Halomicrobium mukohataei
E0V9I9 − Pediculus humanus subsp. corporis
E2AU18 − Camponotus floridanus
H3AUX9 − Latimeria chalumnae
H2T3D1 − Takifugu rubripes
G0MLM3 − Caenorhabditis brenneri
WBGene00155203
G0P3Z7 − Caenorhabditis brenneri
A8X7V6 − Caenorhabditis briggsae
Q19086 − Caenorhabditis elegans
E3LYT9 − Caenorhabditis remanei
H9KDU5 − Apis mellifera
D3BCA7 − Polysphondylium pallidum
Q54IN4 − Dictyostelium discoideum
D2VMJ5 − Naegleria gruberi
G0T1T4 − Rhodotorula glutinis
A2QIA7 − Aspergillus niger
B8PHP7 − Postia placenta
D8Q7X7 − Schizophyllum commune
I1CPT6 − Rhizopus delemar
D3T286 − Natrialba magadii
B8BXB3 − Thalassiosira pseudonana
F0YCP7 − Aureococcus anophagefferens
C7QXD8 − Cyanothece sp.
B7JXP6 − Cyanothece sp.
E0U526 − Cyanothece sp.
B7K7L2 − Cyanothece sp.
Q115Z2 − Trichodesmium erythraeum
E1ZTT0 − Chlorella variabilis
A9SYY4 − Physcomitrella patens subsp. patens
D8TAZ4 − Selaginella moellendorffii
F6H1E1 − Vitis vinifera
Q69TI3 − Oryza sativa subsp. japonica

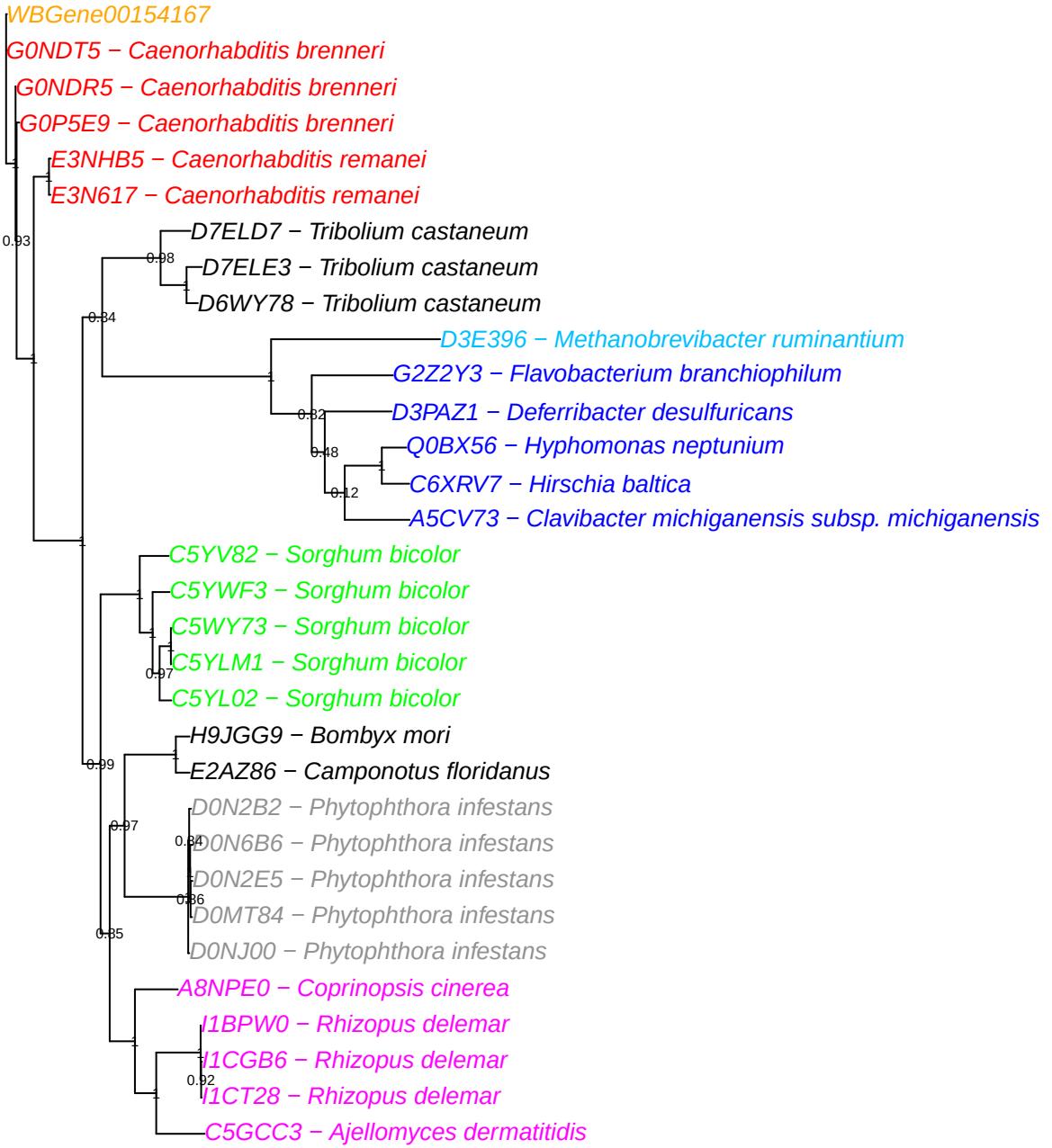

C5M0J3 − Perkinsus marinus
C5LG60 − Perkinsus marinus
WBGene00155193
G0P1M1 − Caenorhabditis brenneri
E3LJH2 − Caenorhabditis remanei
E3N0X2 − Caenorhabditis remanei
E3MP88 − Caenorhabditis remanei
E3M9F5 − Caenorhabditis remanei
D7GYL0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D7EKM8 − Tribolium castaneum
G7YPE3 − Clonorchis sinensis
C5KR95 − Perkinsus marinus
C5M148 − Perkinsus marinus
Q93Y69 − Oryza sativa subsp. japonica
E3S2T3 − Pyrenophora teres f. teres
Q2H877 − Chaetomium globosum
C8VKE8 − Emericella nidulans
C8VLF5 − Emericella nidulans
C8VFC1 − Emericella nidulans
C5LEJ9 − Perkinsus marinus
1
1
1
0.29
1
1
0.099
0.46
0.97
0.93
0.95
1
0.89
0.19
0.95
0.85
0.98
0.7
0.99
0.88

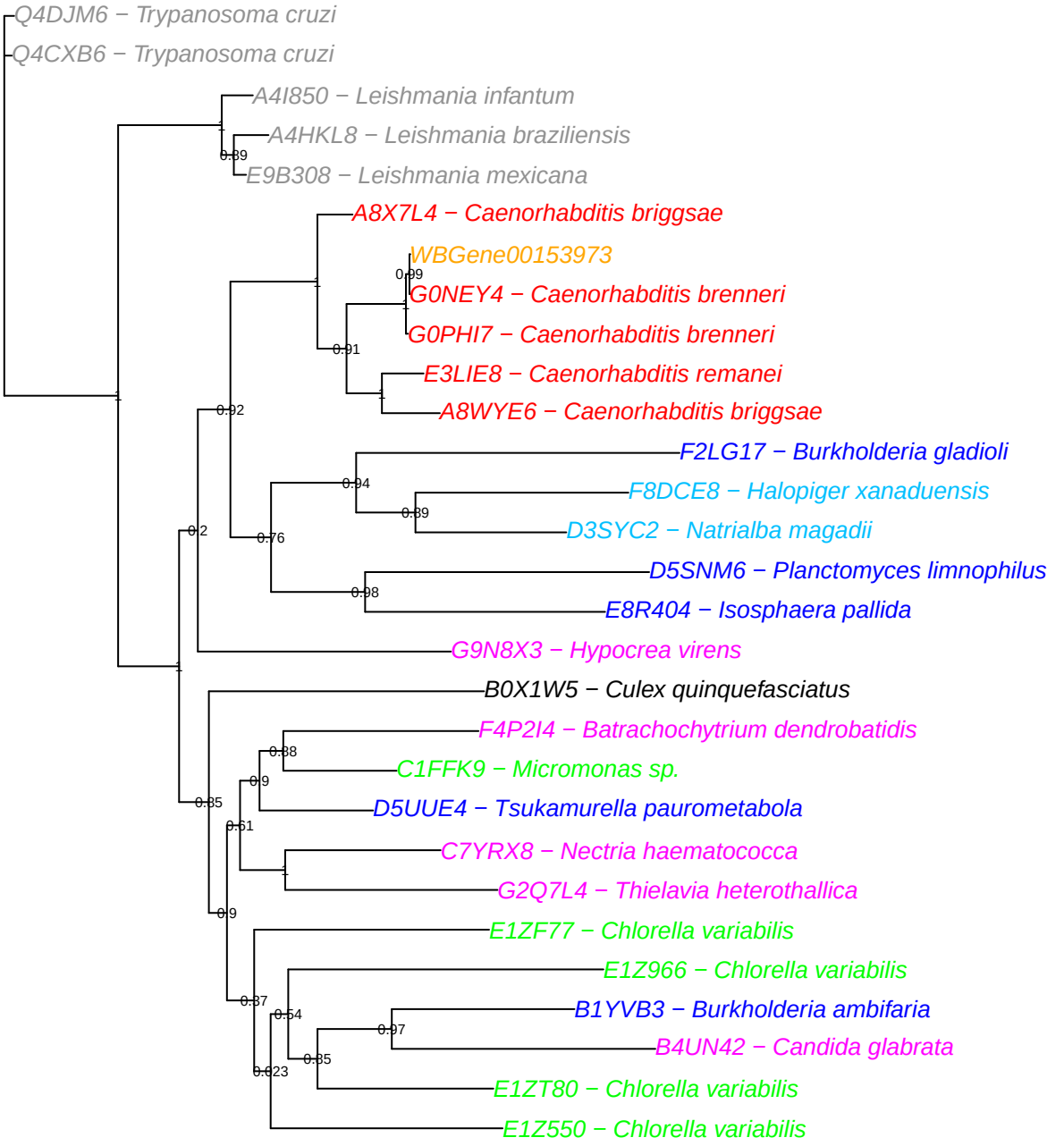

I1CU52 − Rhizopus delemar
I1BM32 − Rhizopus delemar
I1CH97 − Rhizopus delemar
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
C5KA92 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
G0MFB6 − Caenorhabditis brenneri
WBGene00155183
G0M9S5 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0MR41 − Caenorhabditis brenneri
G0N338 − Caenorhabditis brenneri
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
C5K6F4 − Perkinsus marinus
0.87
0.58
0.42
0.64
0.99
0.95
0.8
0.21
0.96
0.53
0.9

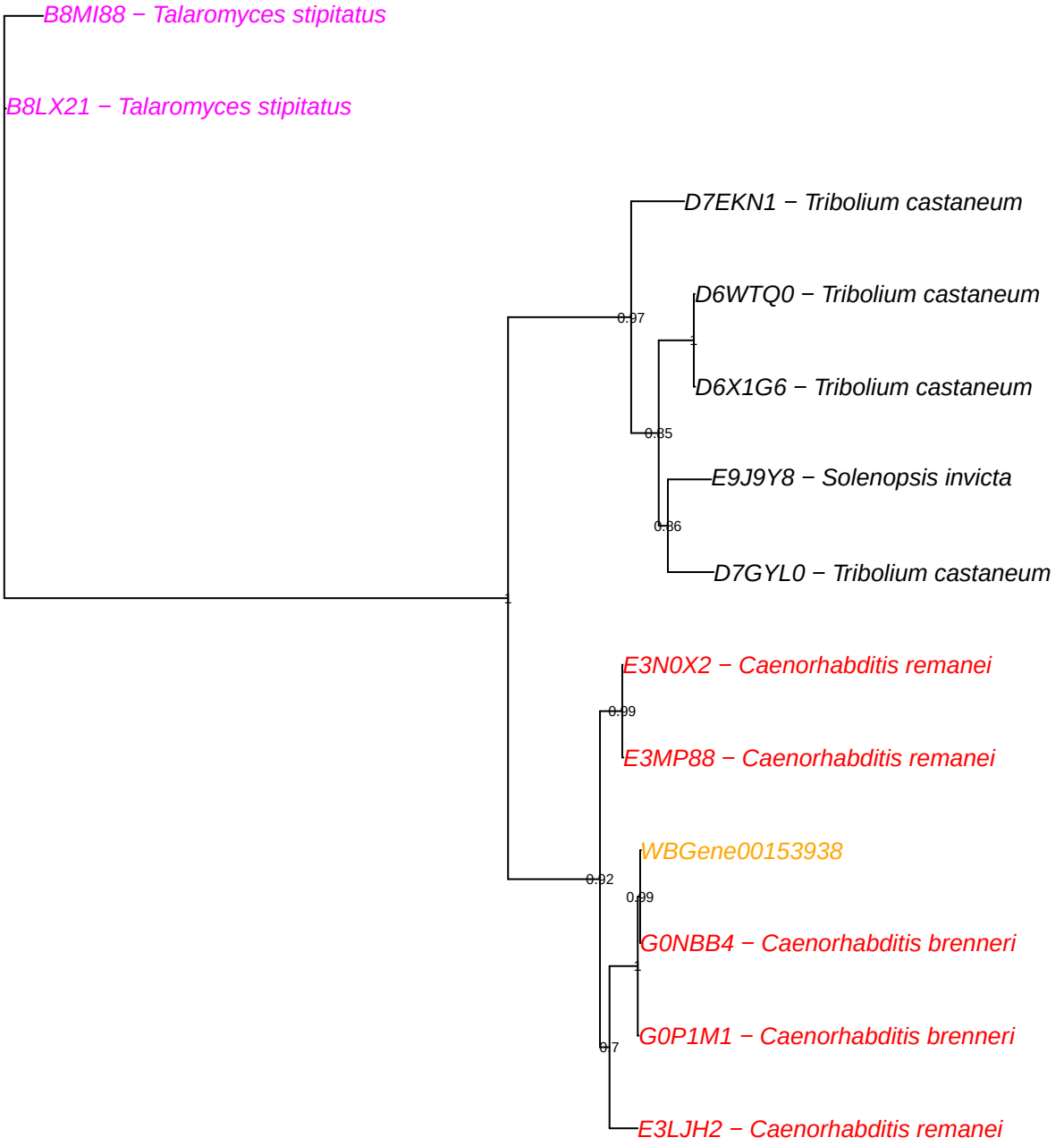

WBGene00154797
G0MUD5 − Caenorhabditis brenneri
G0PDR0 − Caenorhabditis brenneri
G0PC18 − Caenorhabditis brenneri
G0P0F0 − Caenorhabditis brenneri
G0MRQ9 − Caenorhabditis brenneri
G8R868 − Owenweeksia hongkongensis
A5FL82 − Flavobacterium johnsoniae
G2Z2Y3 − Flavobacterium branchiophilum
F4CCI0 − Sphingobacterium sp.
A6Q8R4 − Sulfurovum sp.
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
C5YV82 − Sorghum bicolor
C5YW86 − Sorghum bicolor
E2AZ86 − Camponotus floridanus
H9JGG9 − Bombyx mori
D0MT84 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0P122 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
A8NPE0 − Coprinopsis cinerea
I1BPW0 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
I1CT28 − Rhizopus delemar
Q65XV4 − Oryza sativa subsp. japonica
Q5W673 − Oryza sativa subsp. japonica
C5X4T0 − Sorghum bicolor
H6QRL2 − Puccinia graminis f. sp. tritici
0.98
0.57
0.52
0.62
0.43
0.19
0.98
0.9
0.96
0.97
0.19
0.46
0.55
0.89
0.97
0.92
0.14
0.94

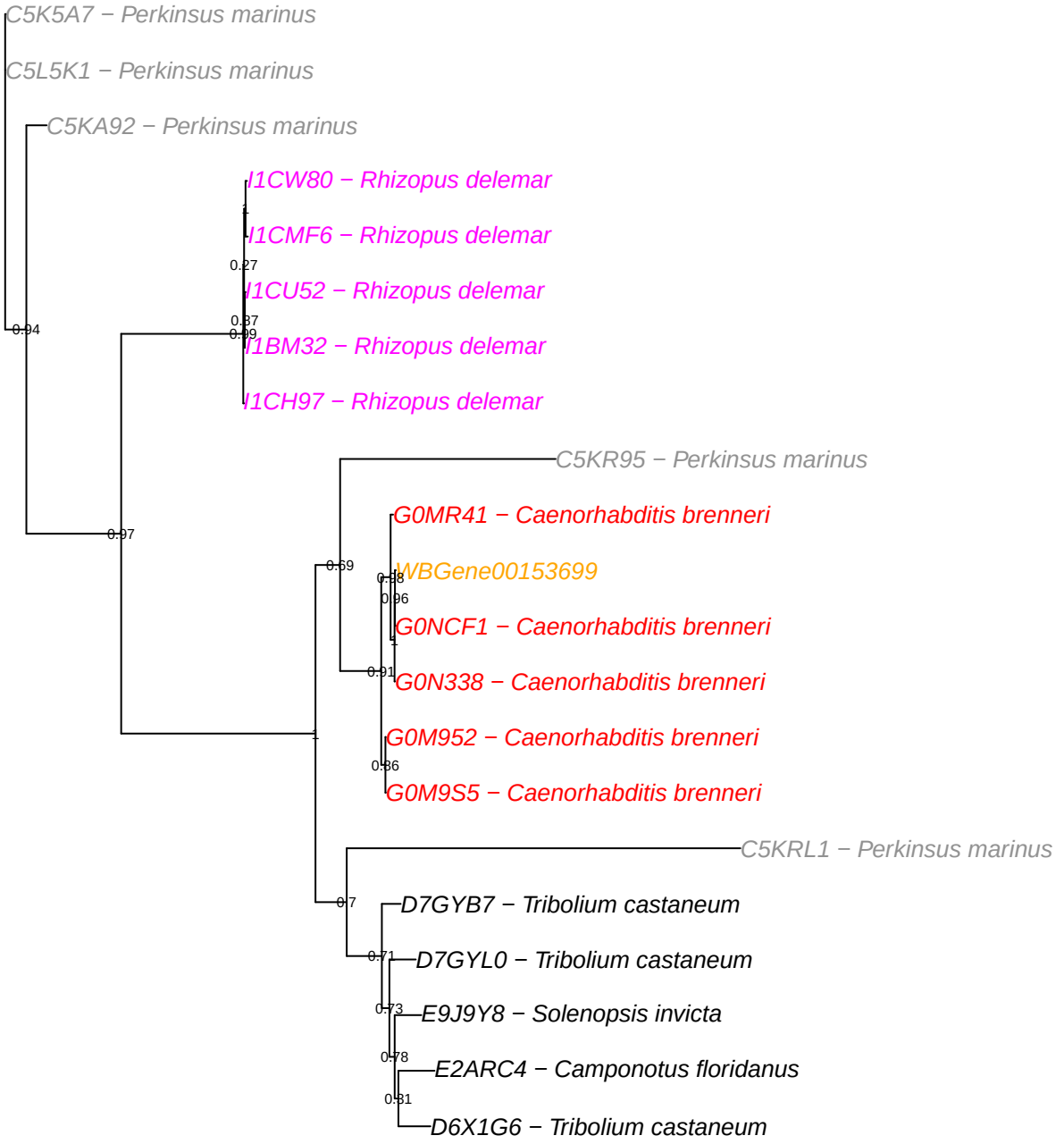

D8TFS3 − Selaginella moellendorffii
D8SPZ7 − Selaginella moellendorffii
D8S8M4 − Selaginella moellendorffii
Q8IHN4 − Plasmodium falciparum
D8S0I6 − Selaginella moellendorffii
G0SDS5 − Chaetomium thermophilum
G2Q360 − Thielavia heterothallica
B1I7N4 − Streptococcus pneumoniae
B8ZMV0 − Streptococcus pneumoniae
B2ISC7 − Streptococcus pneumoniae
E1XST6 − Streptococcus pneumoniae serotype 1
Q97P71 − Streptococcus pneumoniae serotype 4
F9XMK1 − Mycosphaerella graminicola
E9AEM9 − Leishmania major
E9AEM8 − Leishmania major
A4IAU8 − Leishmania infantum
Q0UZY2 − Phaeosphaeria nodorum
A9U407 − Physcomitrella patens subsp. patens
C7YRX8 − Nectria haematococca
WBGene00154570
G0MXP9 − Caenorhabditis brenneri
G4SLH0 − Caenorhabditis elegans
G5EDT5 − Caenorhabditis elegans
G4SLD6 − Caenorhabditis elegans
G5EFF0 − Caenorhabditis elegans
B4IIY8 − Drosophila sechellia
B4NHW1 − Drosophila willistoni
D6W7B4 − Tribolium castaneum
E2BUG0 − Harpegnathos saltator
H9K2I4 − Apis mellifera
F9WCV1 − Trypanosoma congolense
1
0.48
0.57
0.36
1
0.94
1
0.98
0.94
0.8
0.95
0.67
0.99
0.2

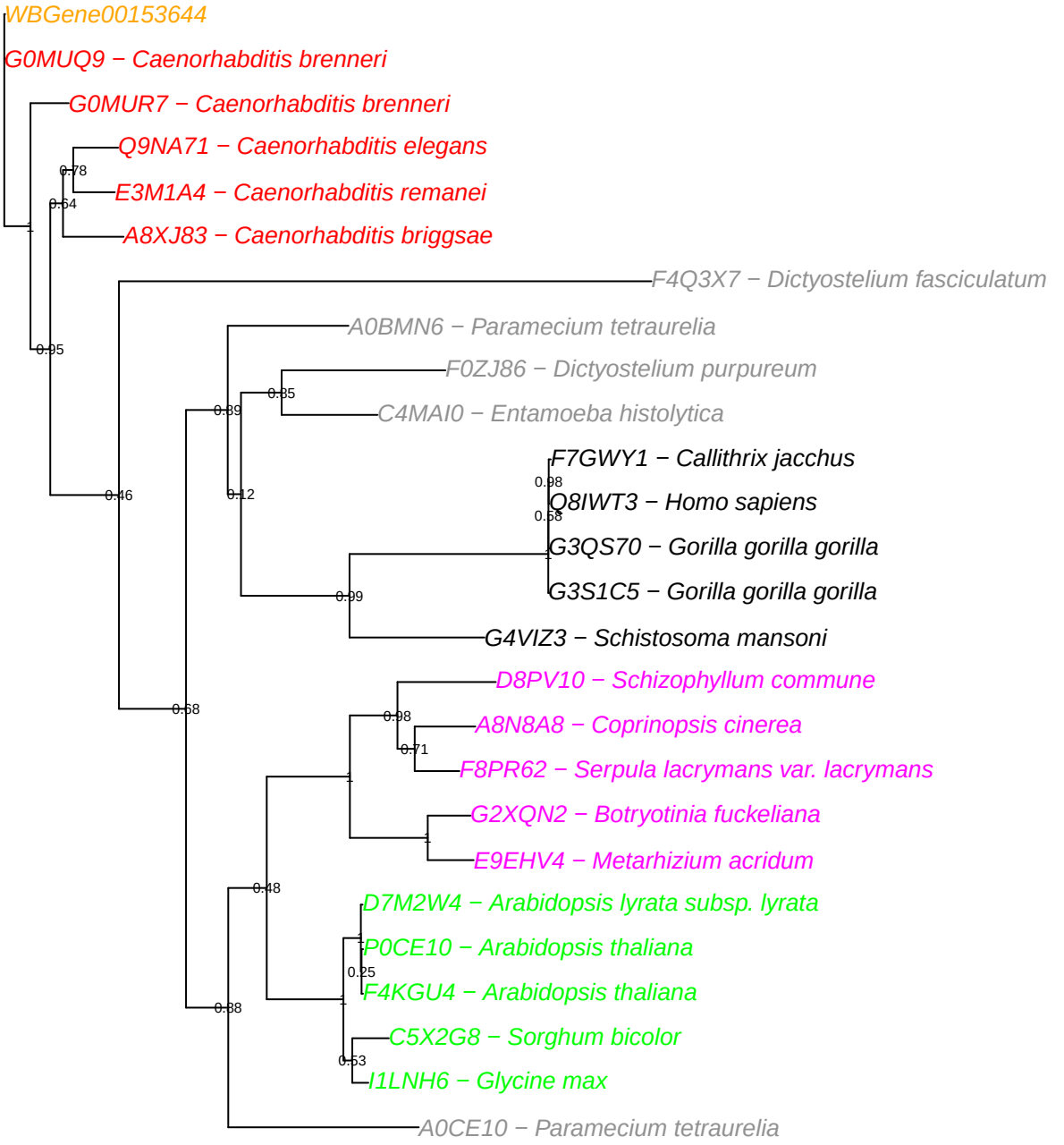

D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
WBGene00154400
G0N338 − Caenorhabditis brenneri
G0MR41 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0M9S5 − Caenorhabditis brenneri
G0MFB6 − Caenorhabditis brenneri
C5L4J0 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5KA92 − Perkinsus marinus
C5K5A7 − Perkinsus marinus
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1CH97 − Rhizopus delemar
I1CHN2 − Rhizopus delemar
0.79
0.67
0.88
0.99
0.79
0.95
0.83
0.94
0.086
0.98

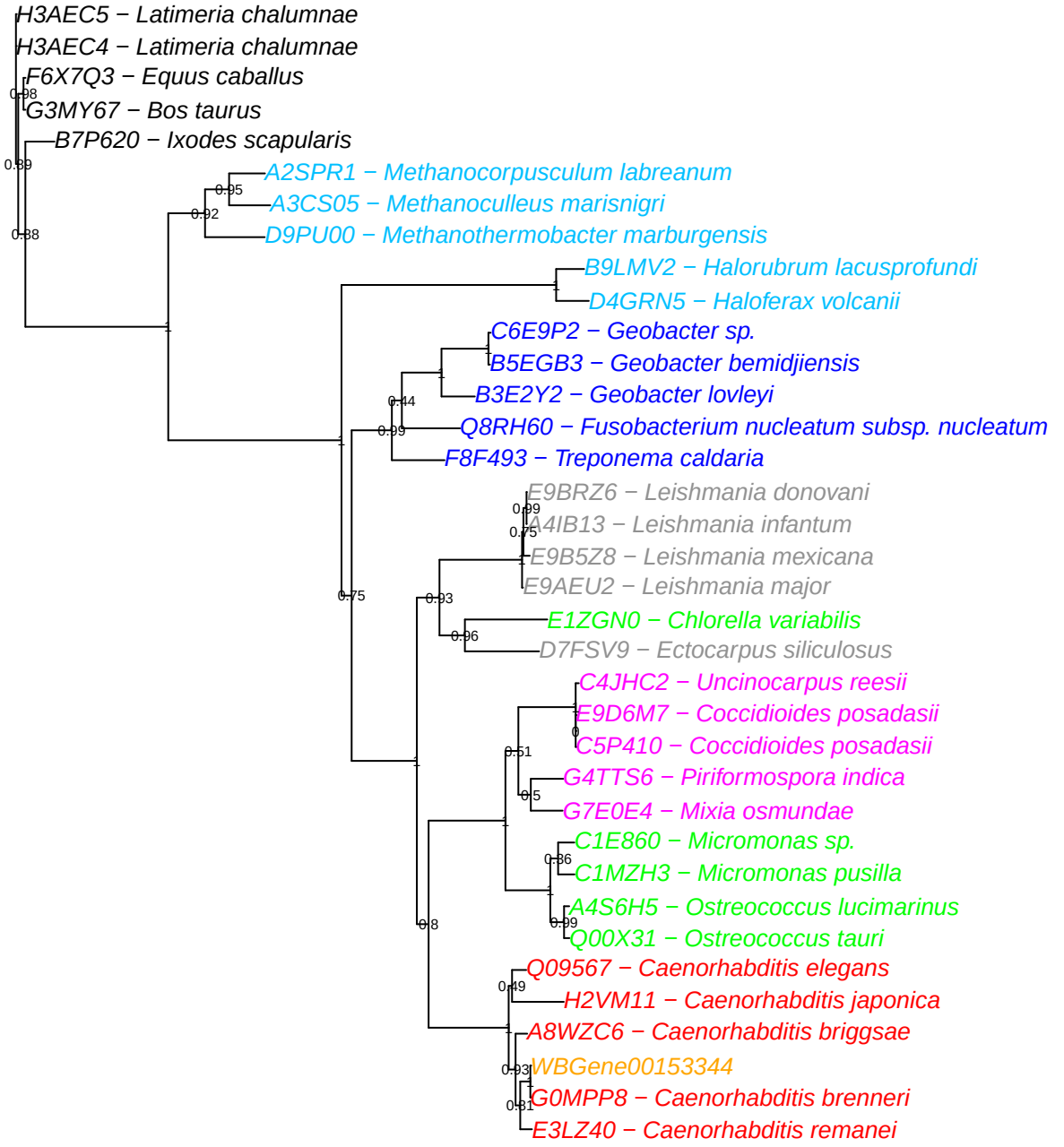

WBGene00154167
G0NDT5 − Caenorhabditis brenneri
G0NDR5 − Caenorhabditis brenneri
G0P5E9 − Caenorhabditis brenneri
E3NHB5 − Caenorhabditis remanei
E3N617 − Caenorhabditis remanei
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
D3E396 − Methanobrevibacter ruminantium
G2Z2Y3 − Flavobacterium branchiophilum
D3PAZ1 − Deferribacter desulfuricans
Q0BX56 − Hyphomonas neptunium
C6XRV7 − Hirschia baltica
A5CV73 − Clavibacter michiganensis subsp. michiganensis
C5YV82 − Sorghum bicolor
C5YWF3 − Sorghum bicolor
C5WY73 − Sorghum bicolor
C5YLM1 − Sorghum bicolor
C5YL02 − Sorghum bicolor
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus
D0N2B2 − Phytophthora infestans
D0N6B6 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
D0MT84 − Phytophthora infestans
D0NJ00 − Phytophthora infestans
A8NPE0 − Coprinopsis cinerea
I1BPW0 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
I1CT28 − Rhizopus delemar
C5GCC3 − Ajellomyces dermatitidis
0.93
0.98
0.84
0.82
0.48
0.12
0.97
0.99
0.97
0.84
0.86
0.85
0.92

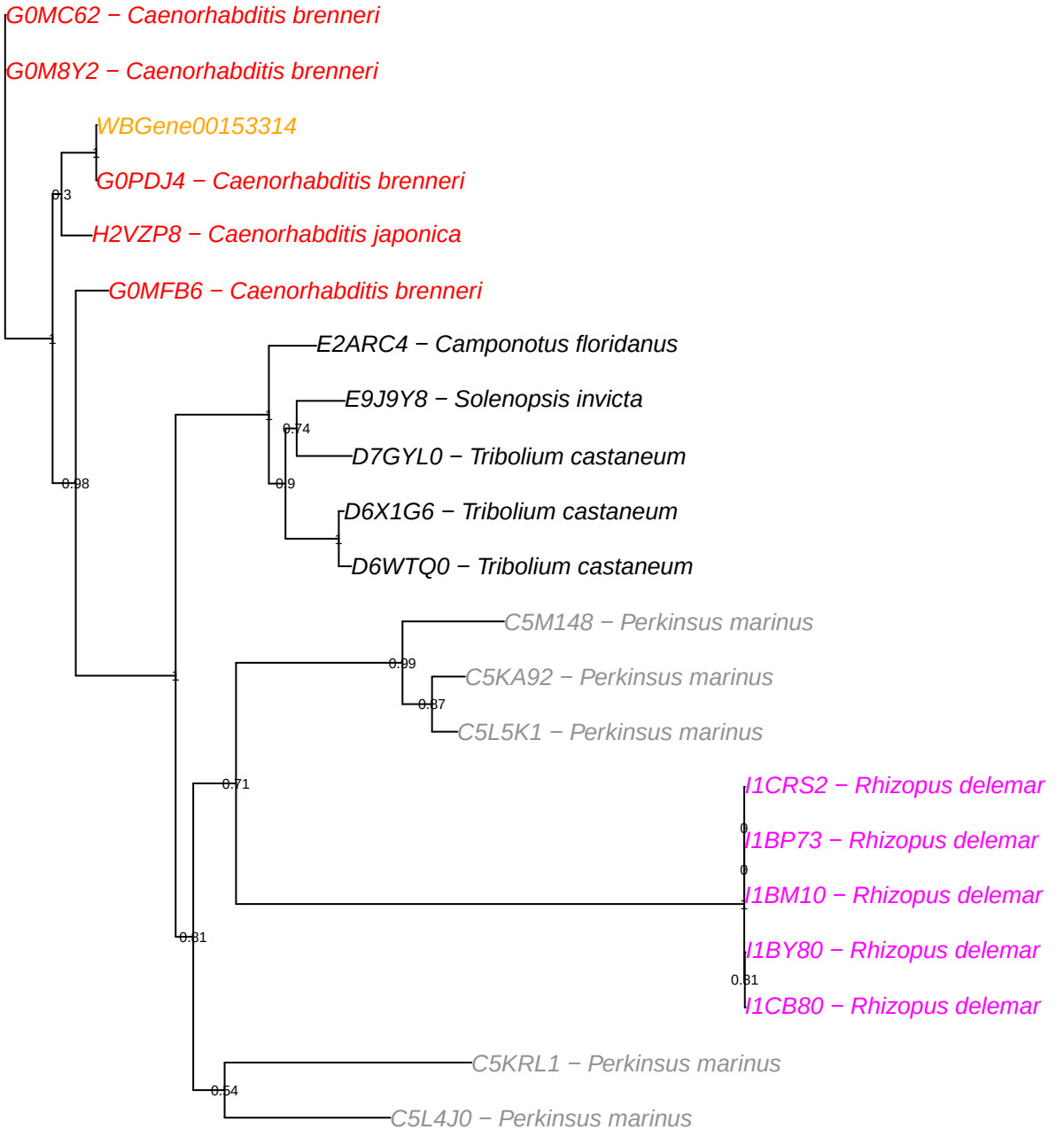

Q4DJM6 − Trypanosoma cruzi
Q4CXB6 − Trypanosoma cruzi
A4I850 − Leishmania infantum
A4HKL8 − Leishmania braziliensis
E9B308 − Leishmania mexicana
A8X7L4 − Caenorhabditis briggsae
WBGene00153973
G0NEY4 − Caenorhabditis brenneri
G0PHI7 − Caenorhabditis brenneri
E3LIE8 − Caenorhabditis remanei
A8WYE6 − Caenorhabditis briggsae
F2LG17 − Burkholderia gladioli
F8DCE8 − Halopiger xanaduensis
D3SYC2 − Natrialba magadii
D5SNM6 − Planctomyces limnophilus
E8R404 − Isosphaera pallida
G9N8X3 − Hypocrea virens
B0X1W5 − Culex quinquefasciatus
F4P2I4 − Batrachochytrium dendrobatidis
C1FFK9 − Micromonas sp.
D5UUE4 − Tsukamurella paurometabola
C7YRX8 − Nectria haematococca
G2Q7L4 − Thielavia heterothallica
E1ZF77 − Chlorella variabilis
E1Z966 − Chlorella variabilis
B1YVB3 − Burkholderia ambifaria
B4UN42 − Candida glabrata
E1ZT80 − Chlorella variabilis
E1Z550 − Chlorella variabilis
0.89
0.99
0.91
0.92
0.94
0.89
0.76
0.2
0.98
0.88
0.9
0.85
0.61
0.9
0.87
0.54
0.97
0.85
0.623

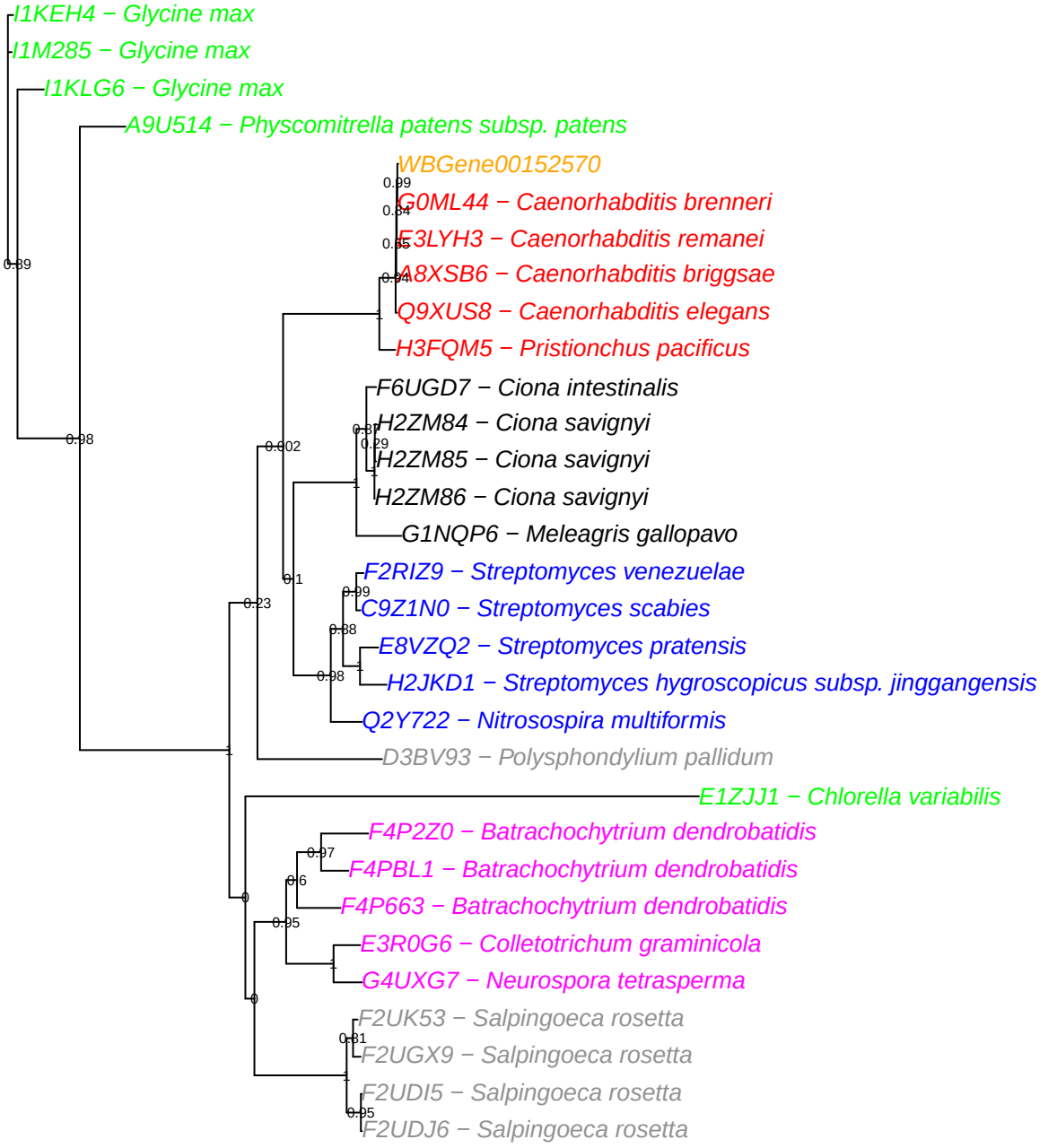

B8MI88 − Talaromyces stipitatus
B8LX21 − Talaromyces stipitatus
D7EKN1 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
E3N0X2 − Caenorhabditis remanei
E3MP88 − Caenorhabditis remanei
WBGene00153938
G0NBB4 − Caenorhabditis brenneri
G0P1M1 − Caenorhabditis brenneri
E3LJH2 − Caenorhabditis remanei
0.97
1
0.85
0.86
1
0.99
0.92
0.99
1
0.7

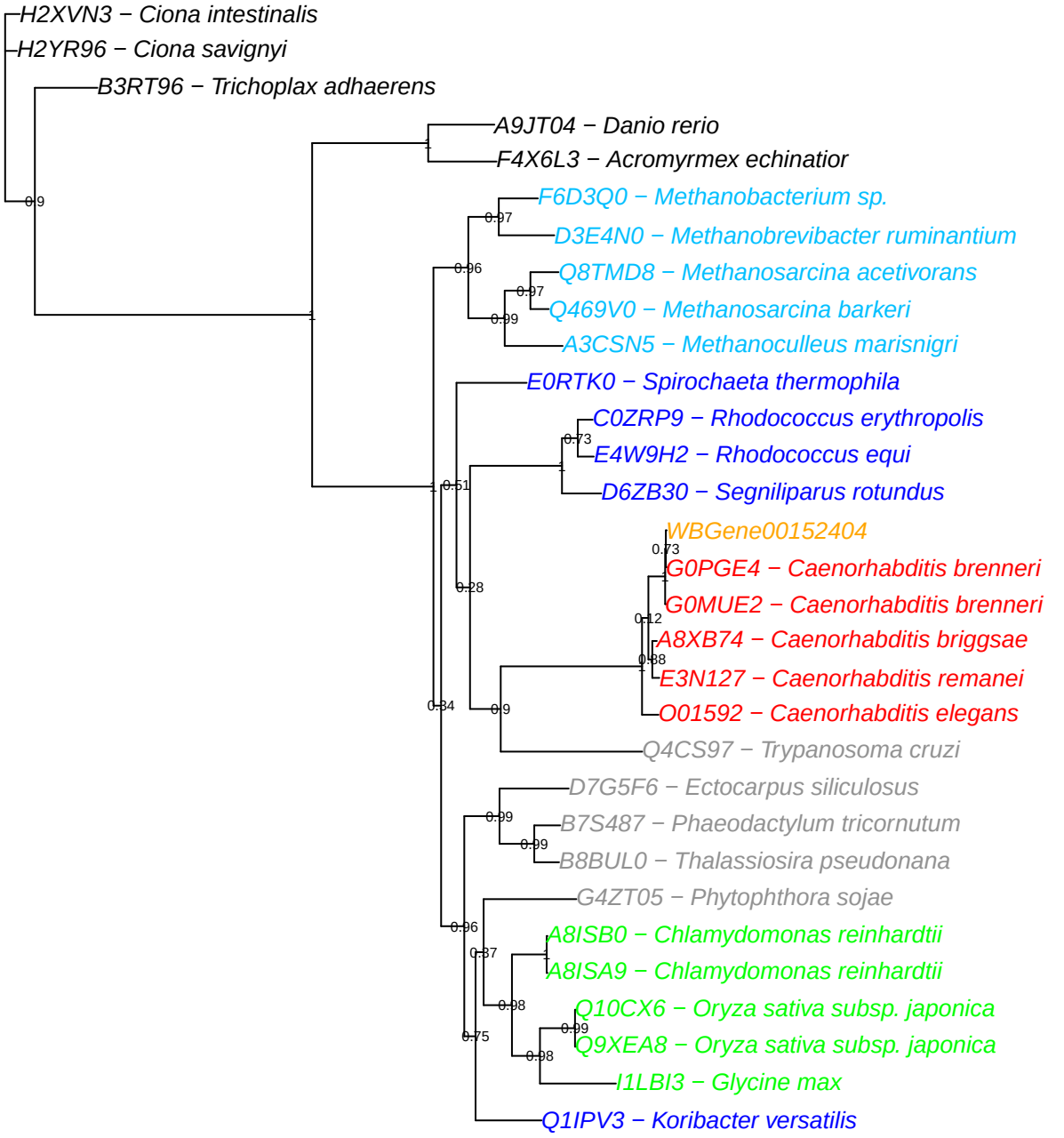

C5K5A7 − Perkinsus marinus
C5L5K1 − Perkinsus marinus
C5KA92 − Perkinsus marinus
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1BM32 − Rhizopus delemar
I1CH97 − Rhizopus delemar
C5KR95 − Perkinsus marinus
G0MR41 − Caenorhabditis brenneri
WBGene00153699
G0NCF1 − Caenorhabditis brenneri
G0N338 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0M9S5 − Caenorhabditis brenneri
C5KRL1 − Perkinsus marinus
D7GYB7 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
D6X1G6 − Tribolium castaneum
0.94
0.27
0.37
0.99
1
1
0.97
0.69
0.88
0.96
1
0.91
1
0.86
0.7
0.71
0.73
0.78
0.81

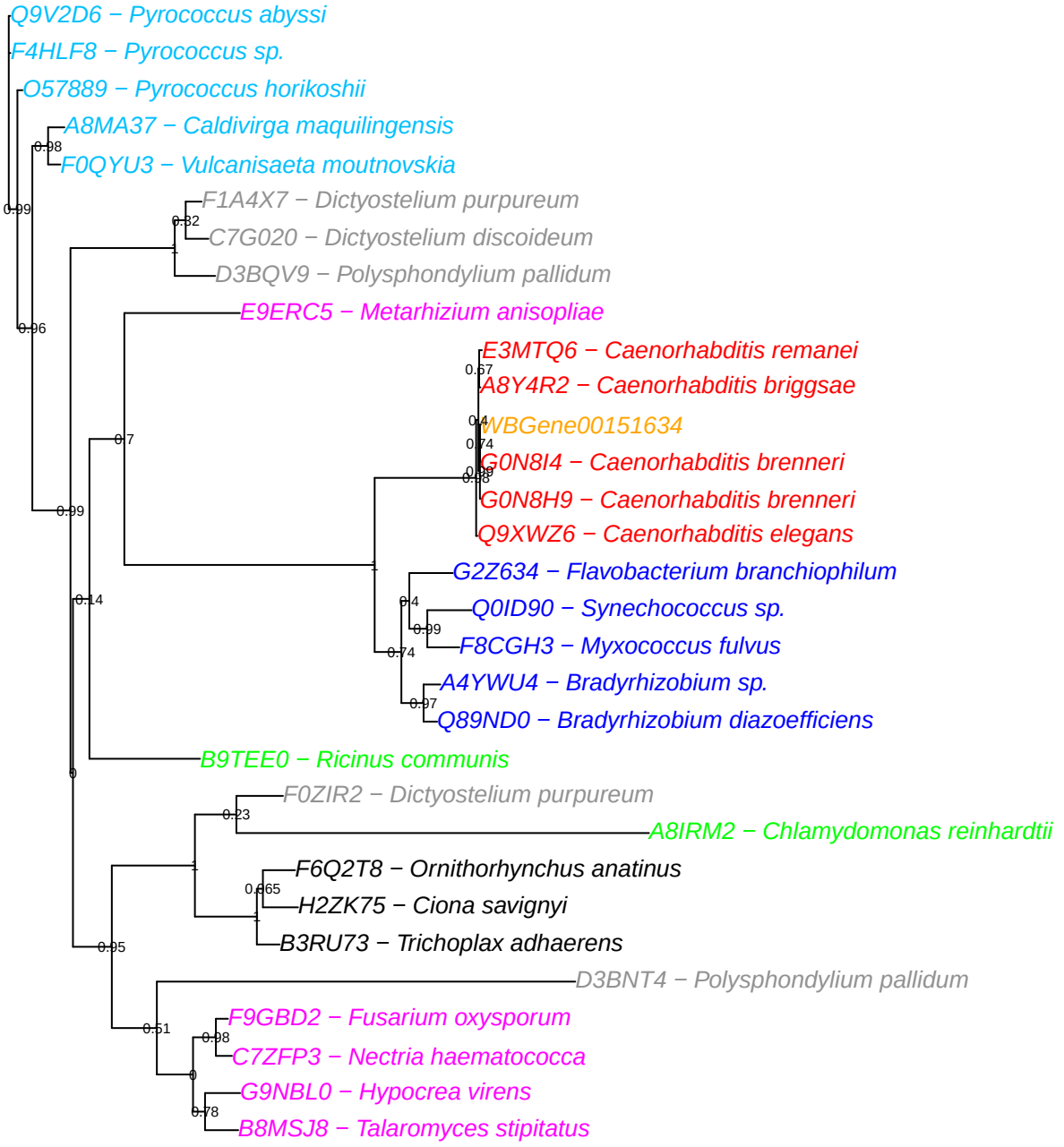

WBGene00153644
G0MUQ9 − Caenorhabditis brenneri
G0MUR7 − Caenorhabditis brenneri
Q9NA71 − Caenorhabditis elegans
E3M1A4 − Caenorhabditis remanei
A8XJ83 − Caenorhabditis briggsae
F4Q3X7 − Dictyostelium fasciculatum
A0BMN6 − Paramecium tetraurelia
F0ZJ86 − Dictyostelium purpureum
C4MAI0 − Entamoeba histolytica
F7GWY1 − Callithrix jacchus
Q8IWT3 − Homo sapiens
G3QS70 − Gorilla gorilla gorilla
G3S1C5 − Gorilla gorilla gorilla
G4VIZ3 − Schistosoma mansoni
D8PV10 − Schizophyllum commune
A8N8A8 − Coprinopsis cinerea
F8PR62 − Serpula lacrymans var. lacrymans
G2XQN2 − Botryotinia fuckeliana
E9EHV4 − Metarhizium acridum
D7M2W4 − Arabidopsis lyrata subsp. lyrata
P0CE10 − Arabidopsis thaliana
F4KGU4 − Arabidopsis thaliana
C5X2G8 − Sorghum bicolor
I1LNH6 − Glycine max
A0CE10 − Paramecium tetraurelia
0.78
0.64
1
0.95
0.46
0.89
0.85
0.12
0.98
0.58
1
0.99
0.68
0.98
0.71
1
1
0.48
1
0.25
1
0.88
0.53

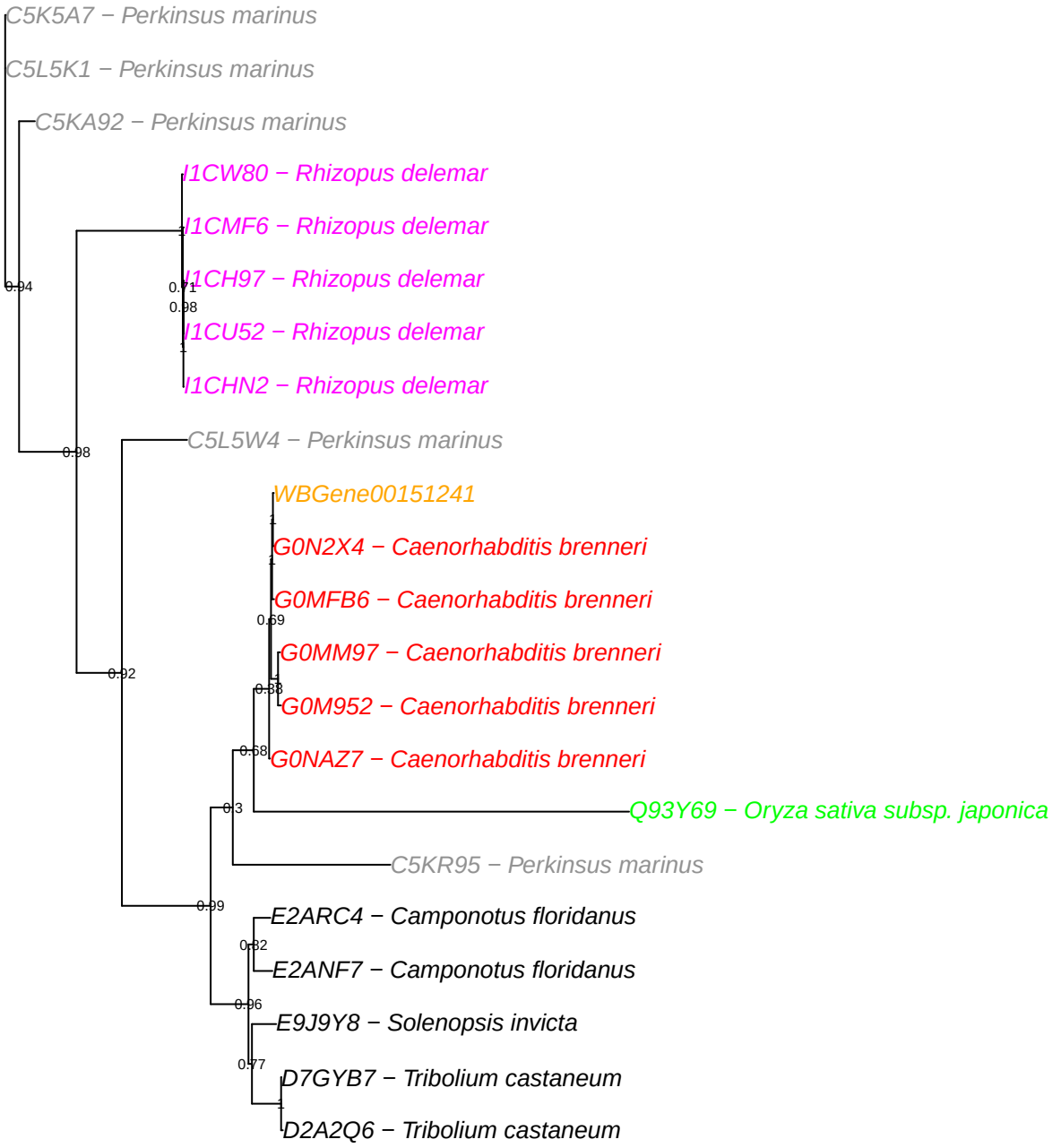

H3AEC5 − Latimeria chalumnae
H3AEC4 − Latimeria chalumnae
F6X7Q3 − Equus caballus
G3MY67 − Bos taurus
B7P620 − Ixodes scapularis
A2SPR1 − Methanocorpusculum labreanum
A3CS05 − Methanoculleus marisnigri
D9PU00 − Methanothermobacter marburgensis
B9LMV2 − Halorubrum lacusprofundi
D4GRN5 − Haloferax volcanii
C6E9P2 − Geobacter sp.
B5EGB3 − Geobacter bemidjiensis
B3E2Y2 − Geobacter lovleyi
Q8RH60 − Fusobacterium nucleatum subsp. nucleatum
F8F493 − Treponema caldaria
E9BRZ6 − Leishmania donovani
A4IB13 − Leishmania infantum
E9B5Z8 − Leishmania mexicana
E9AEU2 − Leishmania major
E1ZGN0 − Chlorella variabilis
D7FSV9 − Ectocarpus siliculosus
C4JHC2 − Uncinocarpus reesii
E9D6M7 − Coccidioides posadasii
C5P410 − Coccidioides posadasii
G4TTS6 − Piriformospora indica
G7E0E4 − Mixia osmundae
C1E860 − Micromonas sp.
C1MZH3 − Micromonas pusilla
A4S6H5 − Ostreococcus lucimarinus
Q00X31 − Ostreococcus tauri
Q09567 − Caenorhabditis elegans
H2VM11 − Caenorhabditis japonica
A8WZC6 − Caenorhabditis briggsae
WBGene00153344
G0MPP8 − Caenorhabditis brenneri
E3LZ40 − Caenorhabditis remanei
0.98
0.99
0.95
0.92
0.88
0.44
0.99
0.99
0.75
0.75
0.93
0.96
0.51
0.5
0.36
0.99
0.8
0.49
0.93
0.81

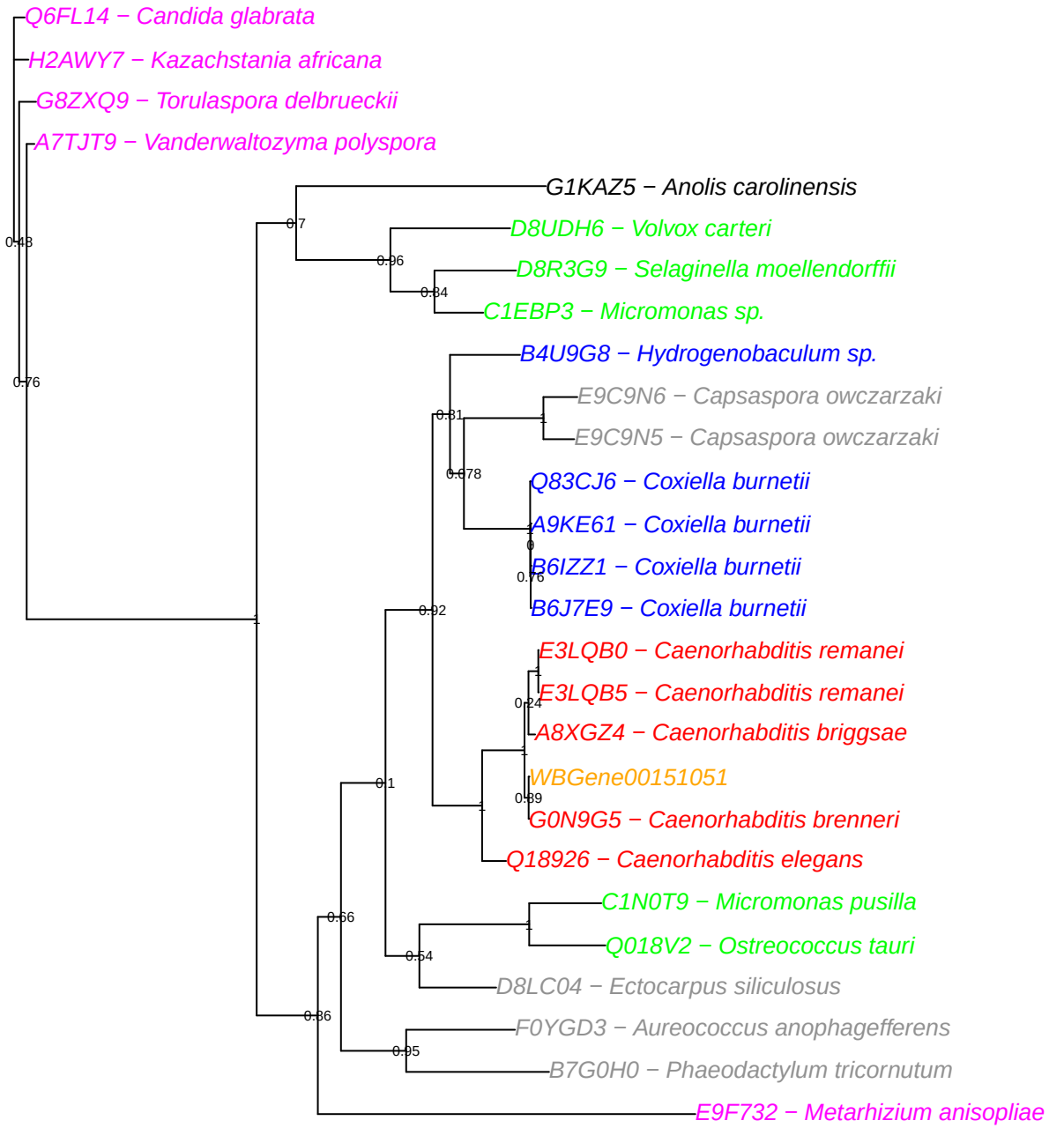

G0MC62 − Caenorhabditis brenneri
G0M8Y2 − Caenorhabditis brenneri
WBGene00153314
G0PDJ4 − Caenorhabditis brenneri
H2VZP8 − Caenorhabditis japonica
G0MFB6 − Caenorhabditis brenneri
E2ARC4 − Camponotus floridanus
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
C5M148 − Perkinsus marinus
C5KA92 − Perkinsus marinus
C5L5K1 − Perkinsus marinus
I1CRS2 − Rhizopus delemar
I1BP73 − Rhizopus delemar
I1BM10 − Rhizopus delemar
I1BY80 − Rhizopus delemar
I1CB80 − Rhizopus delemar
C5KRL1 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
0.3
0.74
0.98
0.9
0.99
0.87
0.71
0.81
0
0
0.81
0.54

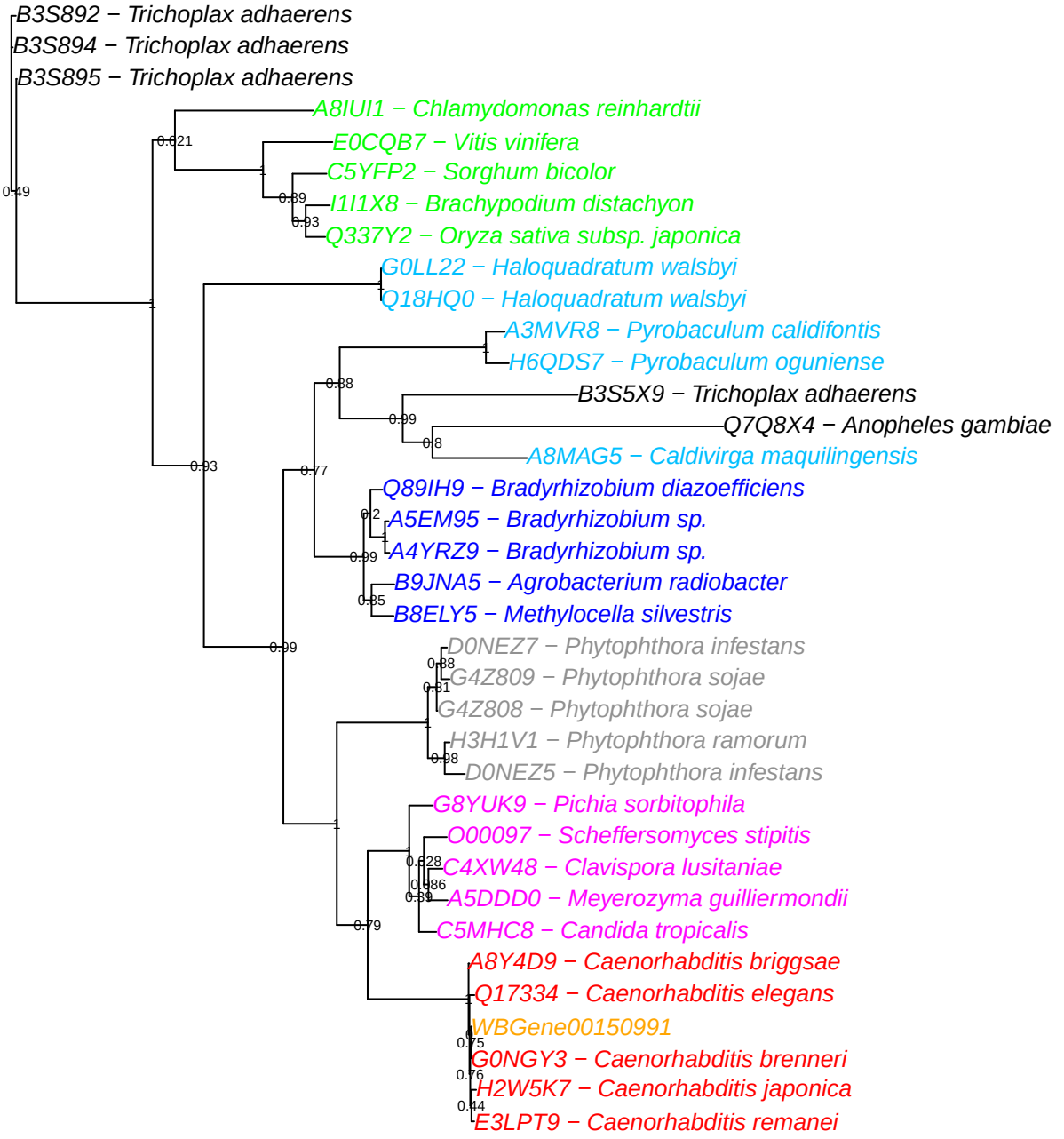

I1KEH4 − Glycine max
I1M285 − Glycine max
I1KLG6 − Glycine max
A9U514 − Physcomitrella patens subsp. patens
WBGene00152570
G0ML44 − Caenorhabditis brenneri
E3LYH3 − Caenorhabditis remanei
A8XSB6 − Caenorhabditis briggsae
Q9XUS8 − Caenorhabditis elegans
H3FQM5 − Pristionchus pacificus
F6UGD7 − Ciona intestinalis
H2ZM84 − Ciona savignyi
H2ZM85 − Ciona savignyi
H2ZM86 − Ciona savignyi
G1NQP6 − Meleagris gallopavo
F2RIZ9 − Streptomyces venezuelae
C9Z1N0 − Streptomyces scabies
E8VZQ2 − Streptomyces pratensis
H2JKD1 − Streptomyces hygroscopicus subsp. jinggangensis
Q2Y722 − Nitrosospira multiformis
D3BV93 − Polysphondylium pallidum
E1ZJJ1 − Chlorella variabilis
F4P2Z0 − Batrachochytrium dendrobatidis
F4PBL1 − Batrachochytrium dendrobatidis
F4P663 − Batrachochytrium dendrobatidis
E3R0G6 − Colletotrichum graminicola
G4UXG7 − Neurospora tetrasperma
F2UK53 − Salpingoeca rosetta
F2UGX9 − Salpingoeca rosetta
F2UDI5 − Salpingoeca rosetta
F2UDJ6 − Salpingoeca rosetta
0.99
0.84
0.55
0.94
1
0.89
0.98
0.002
0.87
0.29
1
0.1
0.23
0.99
0.88
1
0.98
1
0.97
0.6
0.95
1
0
0
0.81
1
0.95

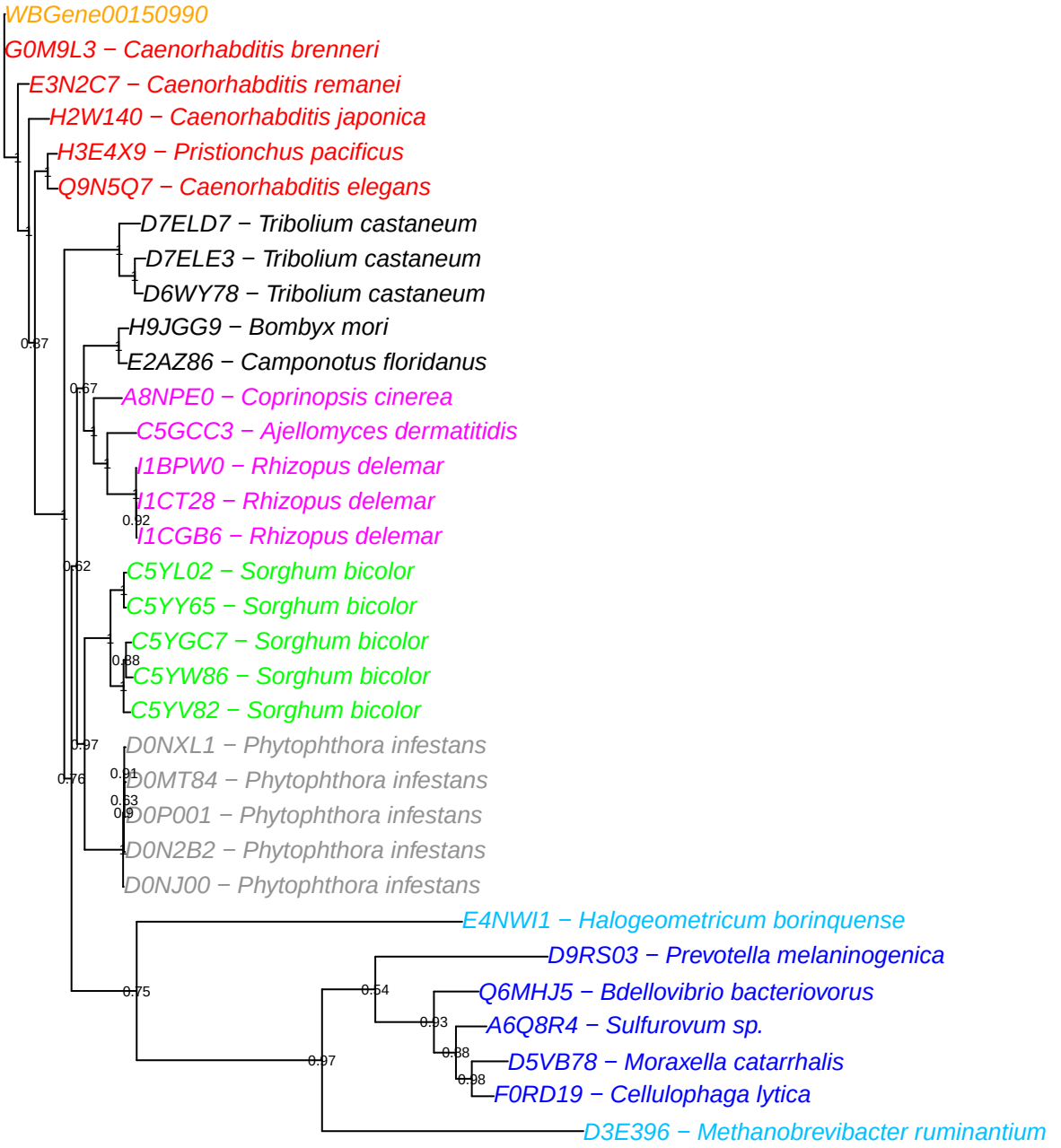

H2XVN3 − Ciona intestinalis
H2YR96 − Ciona savignyi
B3RT96 − Trichoplax adhaerens
A9JT04 − Danio rerio
F4X6L3 − Acromyrmex echinatior
F6D3Q0 − Methanobacterium sp.
D3E4N0 − Methanobrevibacter ruminantium
Q8TMD8 − Methanosarcina acetivorans
Q469V0 − Methanosarcina barkeri
A3CSN5 − Methanoculleus marisnigri
E0RTK0 − Spirochaeta thermophila
C0ZRP9 − Rhodococcus erythropolis
E4W9H2 − Rhodococcus equi
D6ZB30 − Segniliparus rotundus
WBGene00152404
G0PGE4 − Caenorhabditis brenneri
G0MUE2 − Caenorhabditis brenneri
A8XB74 − Caenorhabditis briggsae
E3N127 − Caenorhabditis remanei
O01592 − Caenorhabditis elegans
Q4CS97 − Trypanosoma cruzi
D7G5F6 − Ectocarpus siliculosus
B7S487 − Phaeodactylum tricornutum
B8BUL0 − Thalassiosira pseudonana
G4ZT05 − Phytophthora sojae
A8ISB0 − Chlamydomonas reinhardtii
A8ISA9 − Chlamydomonas reinhardtii
Q10CX6 − Oryza sativa subsp. japonica
Q9XEA8 − Oryza sativa subsp. japonica
I1LBI3 − Glycine max
Q1IPV3 − Koribacter versatilis

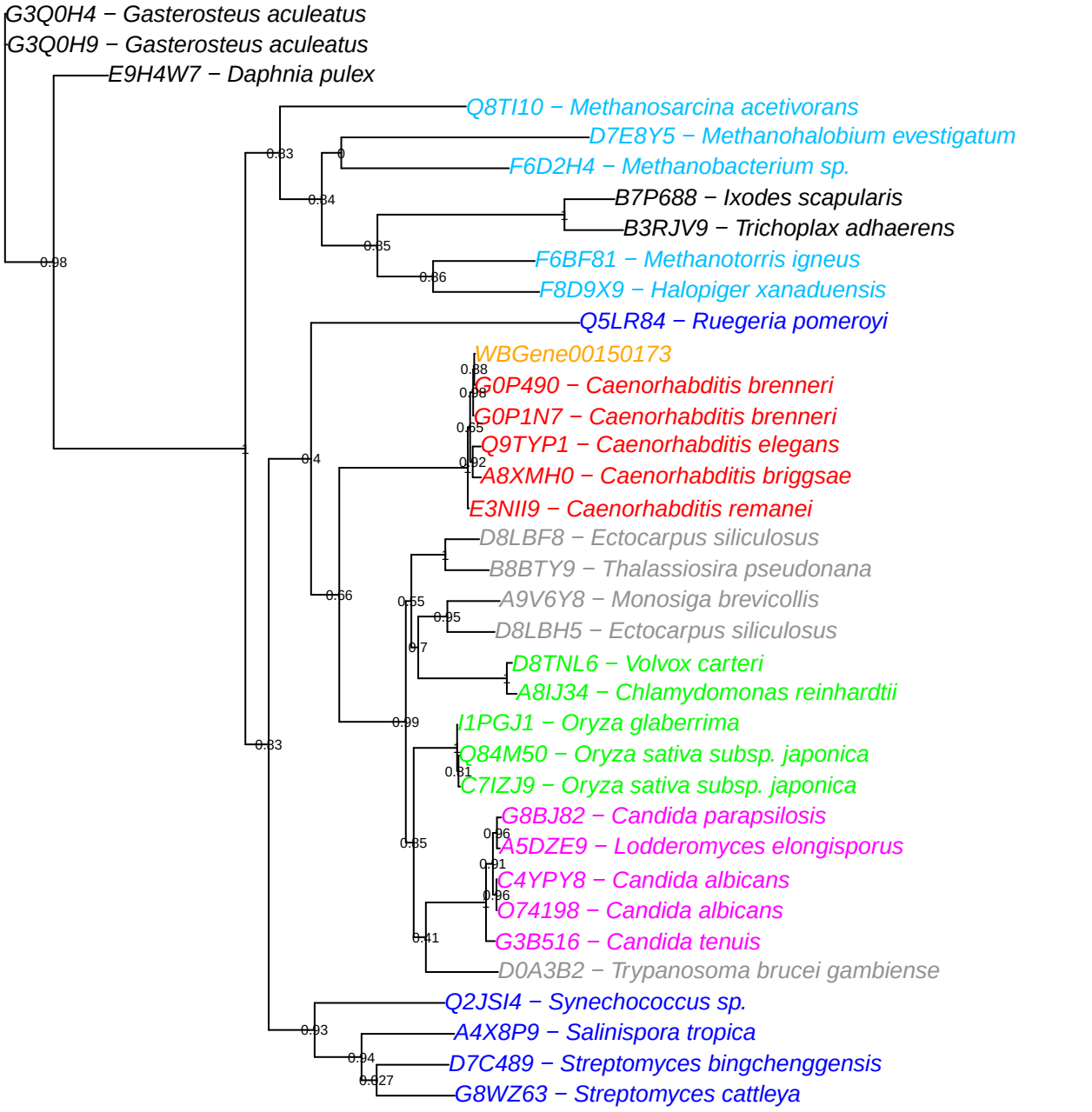

Q9V2D6 − Pyrococcus abyssi
F4HLF8 − Pyrococcus sp.
O57889 − Pyrococcus horikoshii
A8MA37 − Caldivirga maquilingensis
F0QYU3 − Vulcanisaeta moutnovskia
F1A4X7 − Dictyostelium purpureum
C7G020 − Dictyostelium discoideum
D3BQV9 − Polysphondylium pallidum
E9ERC5 − Metarhizium anisopliae
E3MTQ6 − Caenorhabditis remanei
A8Y4R2 − Caenorhabditis briggsae
WBGene00151634
G0N8I4 − Caenorhabditis brenneri
G0N8H9 − Caenorhabditis brenneri
Q9XWZ6 − Caenorhabditis elegans
G2Z634 − Flavobacterium branchiophilum
Q0ID90 − Synechococcus sp.
F8CGH3 − Myxococcus fulvus
A4YWU4 − Bradyrhizobium sp.
Q89ND0 − Bradyrhizobium diazoefficiens
B9TEE0 − Ricinus communis
F0ZIR2 − Dictyostelium purpureum
A8IRM2 − Chlamydomonas reinhardtii
F6Q2T8 − Ornithorhynchus anatinus
H2ZK75 − Ciona savignyi
B3RU73 − Trichoplax adhaerens
D3BNT4 − Polysphondylium pallidum
F9GBD2 − Fusarium oxysporum
C7ZFP3 − Nectria haematococca
G9NBL0 − Hypocrea virens
B8MSJ8 − Talaromyces stipitatus

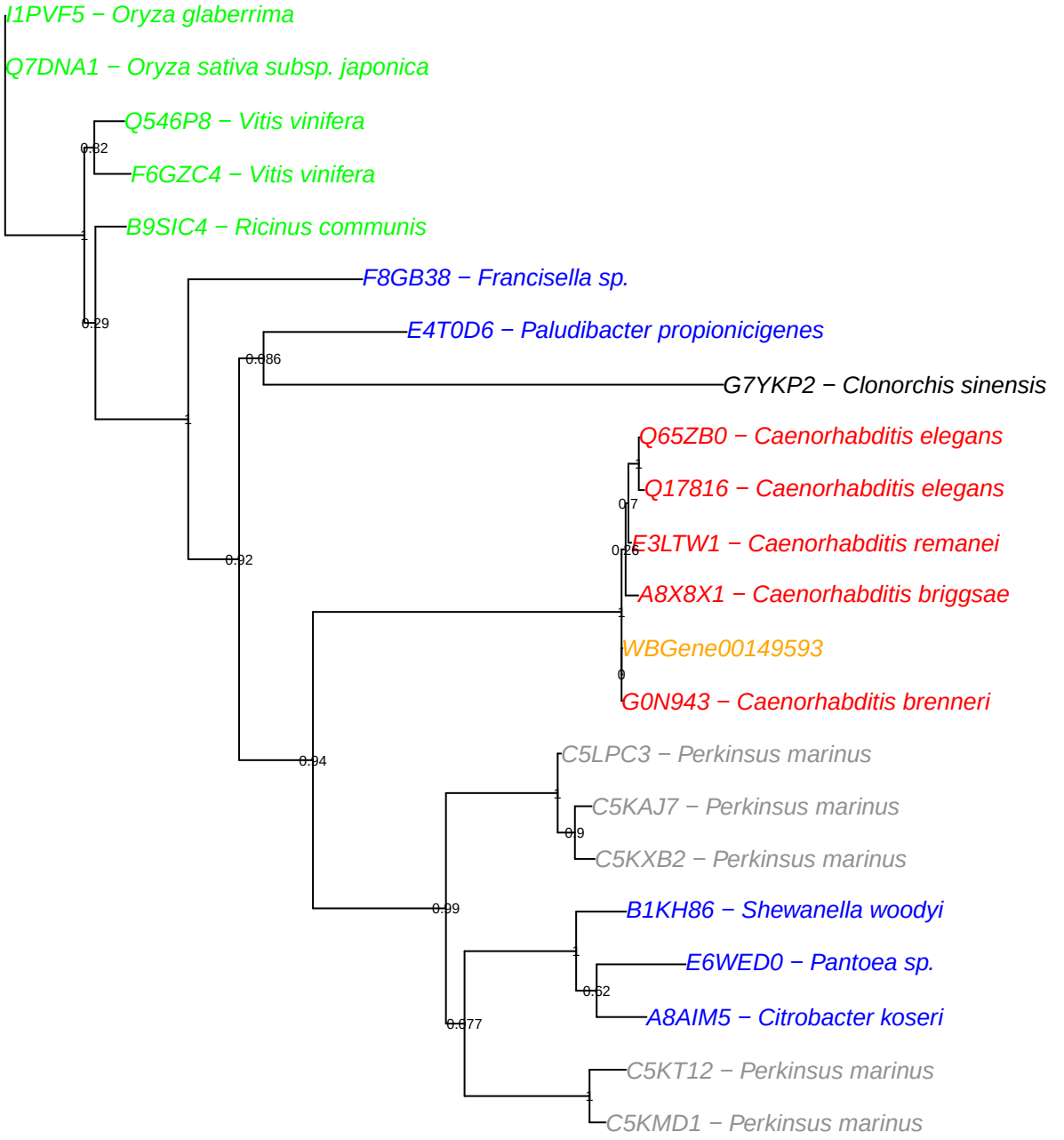

C5K5A7 − Perkinsus marinus
C5L5K1 − Perkinsus marinus
C5KA92 − Perkinsus marinus
I1CW80 − Rhizopus delemar
I1CMF6 − Rhizopus delemar
I1CH97 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1CHN2 − Rhizopus delemar
C5L5W4 − Perkinsus marinus
WBGene00151241
G0N2X4 − Caenorhabditis brenneri
G0MFB6 − Caenorhabditis brenneri
G0MM97 − Caenorhabditis brenneri
G0M952 − Caenorhabditis brenneri
G0NAZ7 − Caenorhabditis brenneri
Q93Y69 − Oryza sativa subsp. japonica
C5KR95 − Perkinsus marinus
E2ARC4 − Camponotus floridanus
E2ANF7 − Camponotus floridanus
E9J9Y8 − Solenopsis invicta
D7GYB7 − Tribolium castaneum
D2A2Q6 − Tribolium castaneum
0.94
0.71
0.98
1
1
0.98
1
1
0.69
0.92
0.88
0.68
0.3
0.99
0.82
0.96
0.77
1

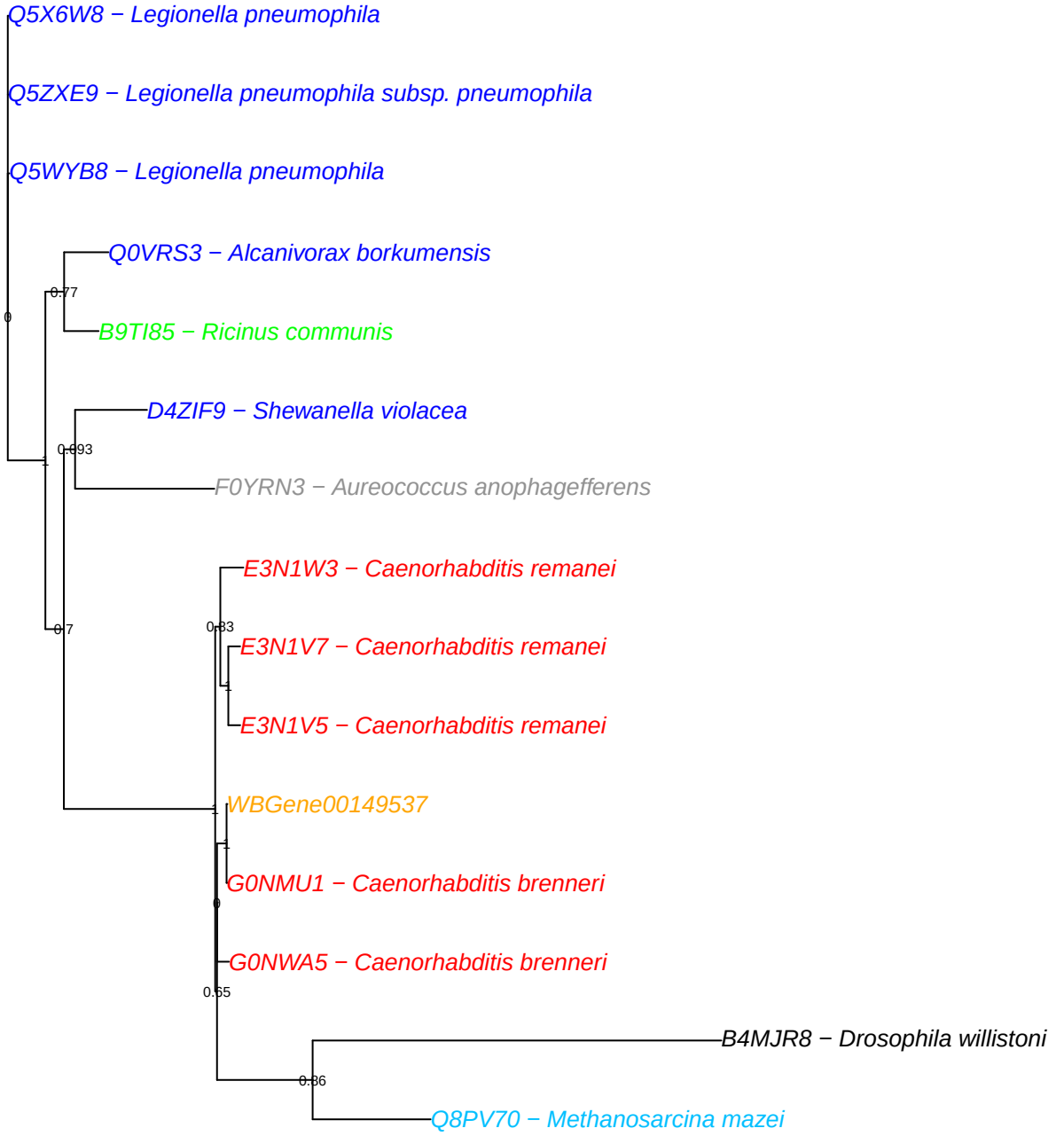

Q6FL14 − Candida glabrata
H2AWY7 − Kazachstania africana
G8ZXQ9 − Torulaspora delbrueckii
A7TJT9 − Vanderwaltozyma polyspora
G1KAZ5 − Anolis carolinensis
D8UDH6 − Volvox carteri
D8R3G9 − Selaginella moellendorffii
C1EBP3 − Micromonas sp.
B4U9G8 − Hydrogenobaculum sp.
E9C9N6 − Capsaspora owczarzaki
E9C9N5 − Capsaspora owczarzaki
Q83CJ6 − Coxiella burnetii
A9KE61 − Coxiella burnetii
B6IZZ1 − Coxiella burnetii
B6J7E9 − Coxiella burnetii
E3LQB0 − Caenorhabditis remanei
E3LQB5 − Caenorhabditis remanei
A8XGZ4 − Caenorhabditis briggsae
WBGene00151051
G0N9G5 − Caenorhabditis brenneri
Q18926 − Caenorhabditis elegans
C1N0T9 − Micromonas pusilla
Q018V2 − Ostreococcus tauri
D8LC04 − Ectocarpus siliculosus
F0YGD3 − Aureococcus anophagefferens
B7G0H0 − Phaeodactylum tricornutum
E9F732 − Metarhizium anisopliae
0.43
0.7
0.96
0.84
0.76
0.81
1
0.078
1
0
0.76
0.92
1
0.24
1
0.1
0.89
1
0.66
1
0.54
0.86
0.95

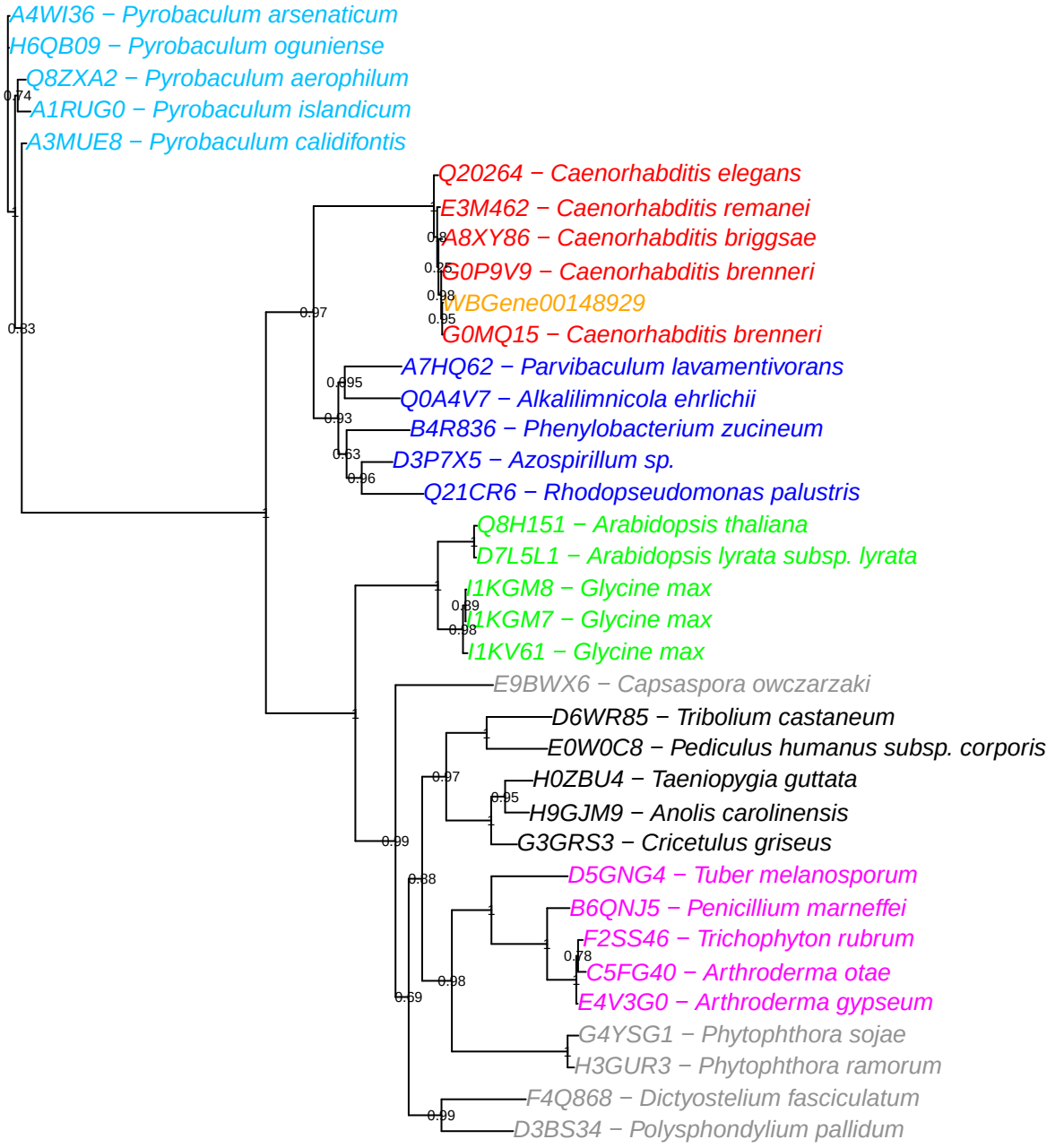

B3S892 − Trichoplax adhaerens
B3S894 − Trichoplax adhaerens
B3S895 − Trichoplax adhaerens
A8IUI1 − Chlamydomonas reinhardtii
E0CQB7 − Vitis vinifera
C5YFP2 − Sorghum bicolor
I1I1X8 − Brachypodium distachyon
Q337Y2 − Oryza sativa subsp. japonica
G0LL22 − Haloquadratum walsbyi
Q18HQ0 − Haloquadratum walsbyi
A3MVR8 − Pyrobaculum calidifontis
H6QDS7 − Pyrobaculum oguniense
B3S5X9 − Trichoplax adhaerens
Q7Q8X4 − Anopheles gambiae
A8MAG5 − Caldivirga maquilingensis
Q89IH9 − Bradyrhizobium diazoefficiens
A5EM95 − Bradyrhizobium sp.
A4YRZ9 − Bradyrhizobium sp.
B9JNA5 − Agrobacterium radiobacter
B8ELY5 − Methylocella silvestris
D0NEZ7 − Phytophthora infestans
G4Z809 − Phytophthora sojae
G4Z808 − Phytophthora sojae
H3H1V1 − Phytophthora ramorum
D0NEZ5 − Phytophthora infestans
G8YUK9 − Pichia sorbitophila
O00097 − Scheffersomyces stipitis
C4XW48 − Clavispora lusitaniae
A5DDD0 − Meyerozyma guilliermondii
C5MHC8 − Candida tropicalis
A8Y4D9 − Caenorhabditis briggsae
Q17334 − Caenorhabditis elegans
WBGene00150991
G0NGY3 − Caenorhabditis brenneri
H2W5K7 − Caenorhabditis japonica
E3LPT9 − Caenorhabditis remanei
0.621
0.49
0.89
0.93
0.88
0.99
0.8
0.93
0.77
0.2
0.99
0.85
0.99
0.88
0.81
0.98
0.628
0.686
0.89
0.79
0.75
0.76
0.44

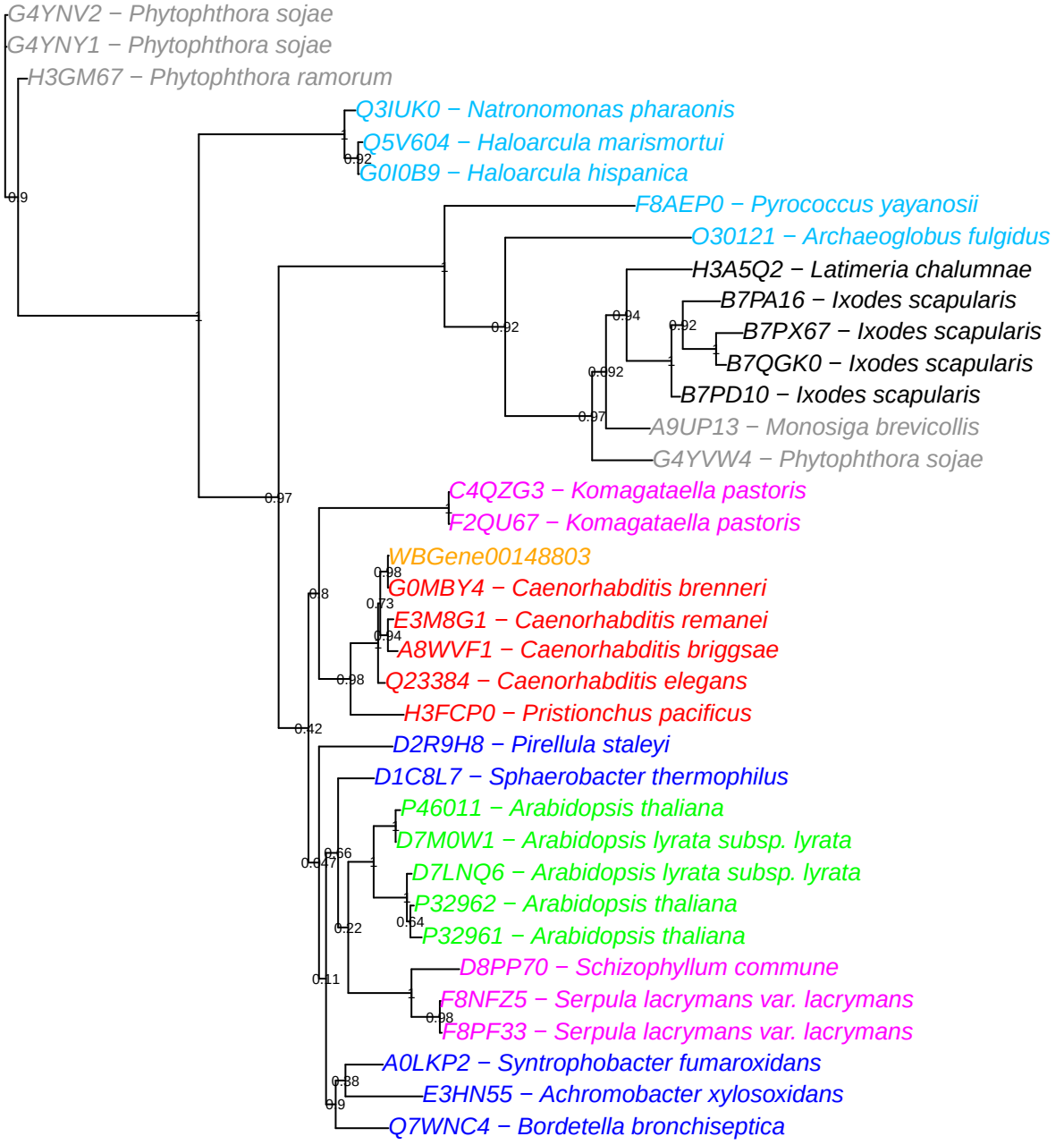

WBGene00150990
G0M9L3 − Caenorhabditis brenneri
E3N2C7 − Caenorhabditis remanei
H2W140 − Caenorhabditis japonica
H3E4X9 − Pristionchus pacificus
Q9N5Q7 − Caenorhabditis elegans
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus
A8NPE0 − Coprinopsis cinerea
C5GCC3 − Ajellomyces dermatitidis
I1BPW0 − Rhizopus delemar
I1CT28 − Rhizopus delemar
I1CGB6 − Rhizopus delemar
C5YL02 − Sorghum bicolor
C5YY65 − Sorghum bicolor
C5YGC7 − Sorghum bicolor
C5YW86 − Sorghum bicolor
C5YV82 − Sorghum bicolor
D0NXL1 − Phytophthora infestans
D0MT84 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0N2B2 − Phytophthora infestans
D0NJ00 − Phytophthora infestans
E4NWI1 − Halogeometricum borinquense
D9RS03 − Prevotella melaninogenica
Q6MHJ5 − Bdellovibrio bacteriovorus
A6Q8R4 − Sulfurovum sp.
D5VB78 − Moraxella catarrhalis
F0RD19 − Cellulophaga lytica
D3E396 − Methanobrevibacter ruminantium
0.87
0.67
0.92
0.62
0.88
0.97
0.76
0.91
0.53
0.9
0.75
0.54
0.93
0.88
0.98
0.97

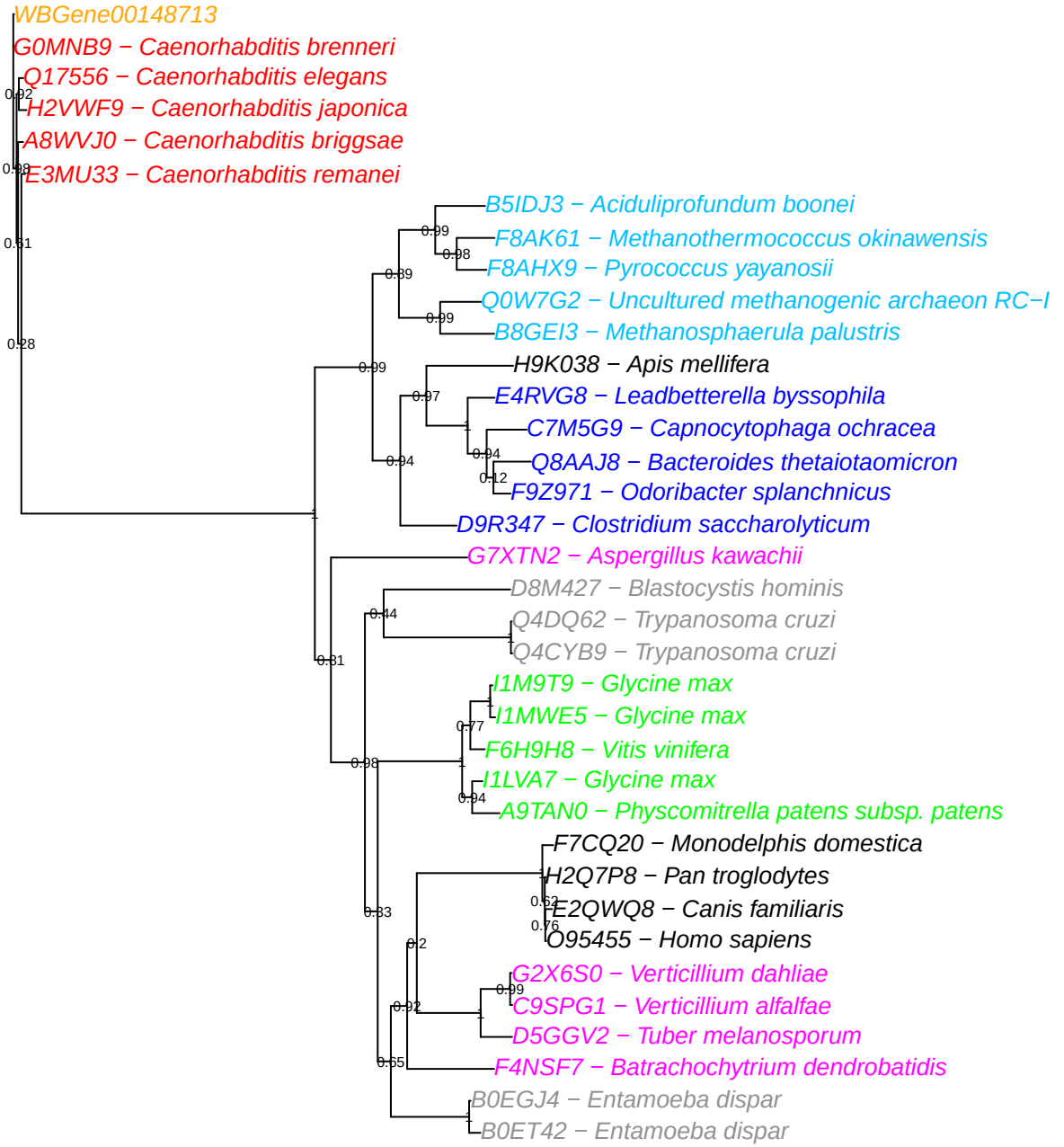

G3Q0H4 − Gasterosteus aculeatus
G3Q0H9 − Gasterosteus aculeatus
E9H4W7 − Daphnia pulex
Q8TI10 − Methanosarcina acetivorans
D7E8Y5 − Methanohalobium evestigatum
F6D2H4 − Methanobacterium sp.
B7P688 − Ixodes scapularis
B3RJV9 − Trichoplax adhaerens
F6BF81 − Methanotorris igneus
F8D9X9 − Halopiger xanaduensis
Q5LR84 − Ruegeria pomeroyi
WBGene00150173
G0P490 − Caenorhabditis brenneri
G0P1N7 − Caenorhabditis brenneri
Q9TYP1 − Caenorhabditis elegans
A8XMH0 − Caenorhabditis briggsae
E3NII9 − Caenorhabditis remanei
D8LBF8 − Ectocarpus siliculosus
B8BTY9 − Thalassiosira pseudonana
A9V6Y8 − Monosiga brevicollis
D8LBH5 − Ectocarpus siliculosus
D8TNL6 − Volvox carteri
A8IJ34 − Chlamydomonas reinhardtii
J1PGJ1 − Oryza glaberrima
Q84M50 − Oryza sativa subsp. japonica
C7IZJ9 − Oryza sativa subsp. japonica
G8BJ82 − Candida parapsilosis
A5DZE9 − Lodderomyces elongisporus
C4YPY8 − Candida albicans
O74198 − Candida albicans
G3B516 − Candida tenuis
D0A3B2 − Trypanosoma brucei gambiense
Q2JSI4 − Synechococcus sp.
A4X8P9 − Salinispora tropica
D7C489 − Streptomyces bingchenggensis
G8WZ63 − Streptomyces cattleya
0.98
0.33
0
0.84
1
0.85
0.86
0.88
0.98
0.65
0.92
1
0.4
1
0.66
0.55
0.95
0.7
1
0.99
0.83
1
0.91
0.85
0.96
0.91
0.96
1
0.41
0.93
0.94
0.027

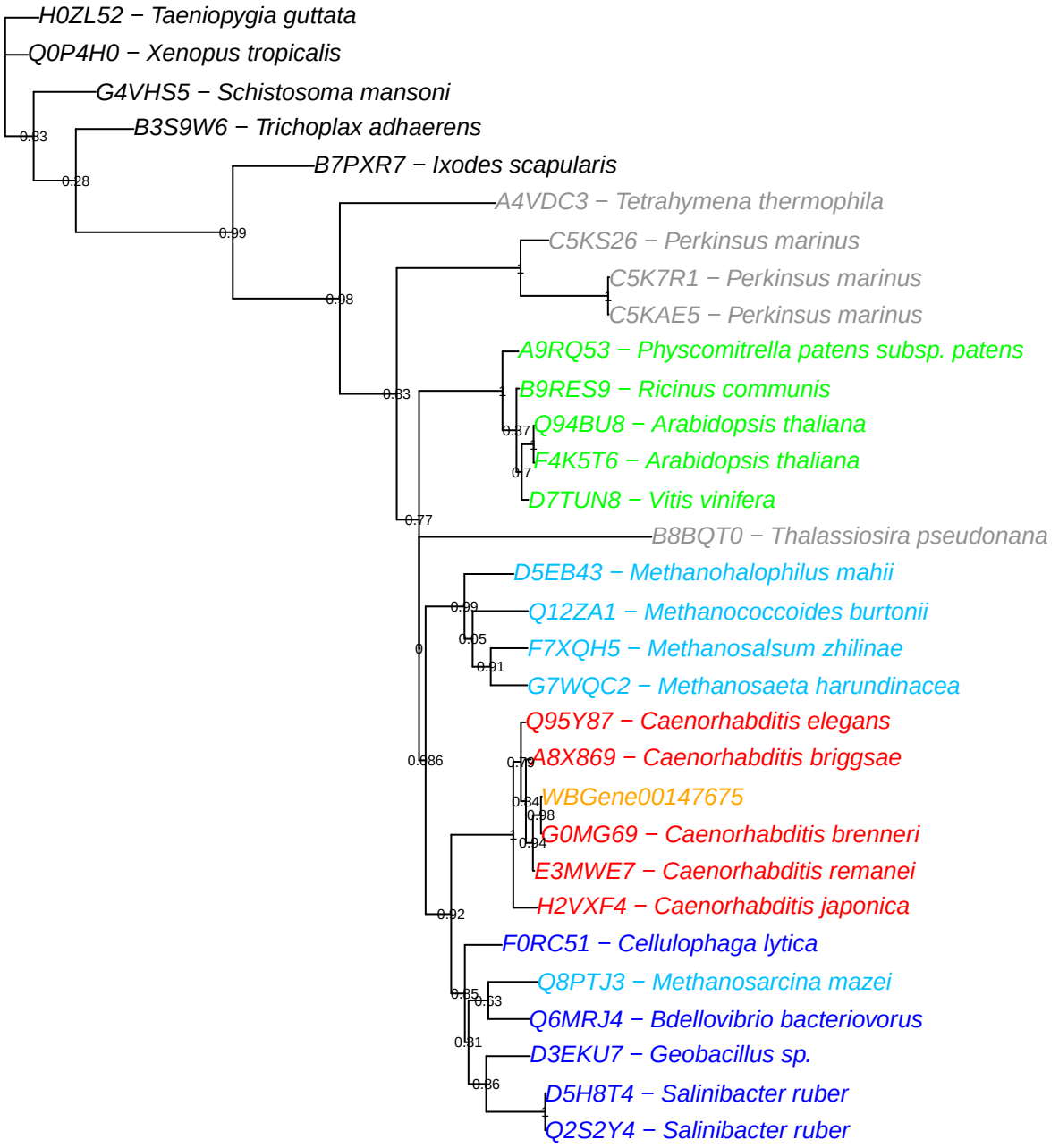

I1PVF5 − Oryza glaberrima
Q7DNA1 − Oryza sativa subsp. japonica
Q546P8 − Vitis vinifera
0.32
F6GZC4 − Vitis vinifera
B9SIC4 − Ricinus communis
1
F8GB38 − Francisella sp.
0.29
E4T0D6 − Paludibacter propionicigenes
0.986
G7YKP2 − Clonorchis sinensis
1
Q65ZB0 − Caenorhabditis elegans
1
Q17816 − Caenorhabditis elegans
0.7
E3LTW1 − Caenorhabditis remanei
0.92
0.26
A8X8X1 − Caenorhabditis briggsae
1
WBGene00149593
0
G0N943 − Caenorhabditis brenneri
0.94
C5LPC3 − Perkinsus marinus
1
C5KAJ7 − Perkinsus marinus
0.9
C5KXB2 − Perkinsus marinus
0.99
B1KH86 − Shewanella woodyi
1
E6WED0 − Pantoea sp.
0.62
A8AIM5 − Citrobacter koseri
0.877
C5KT12 − Perkinsus marinus
1
C5KMD1 − Perkinsus marinus

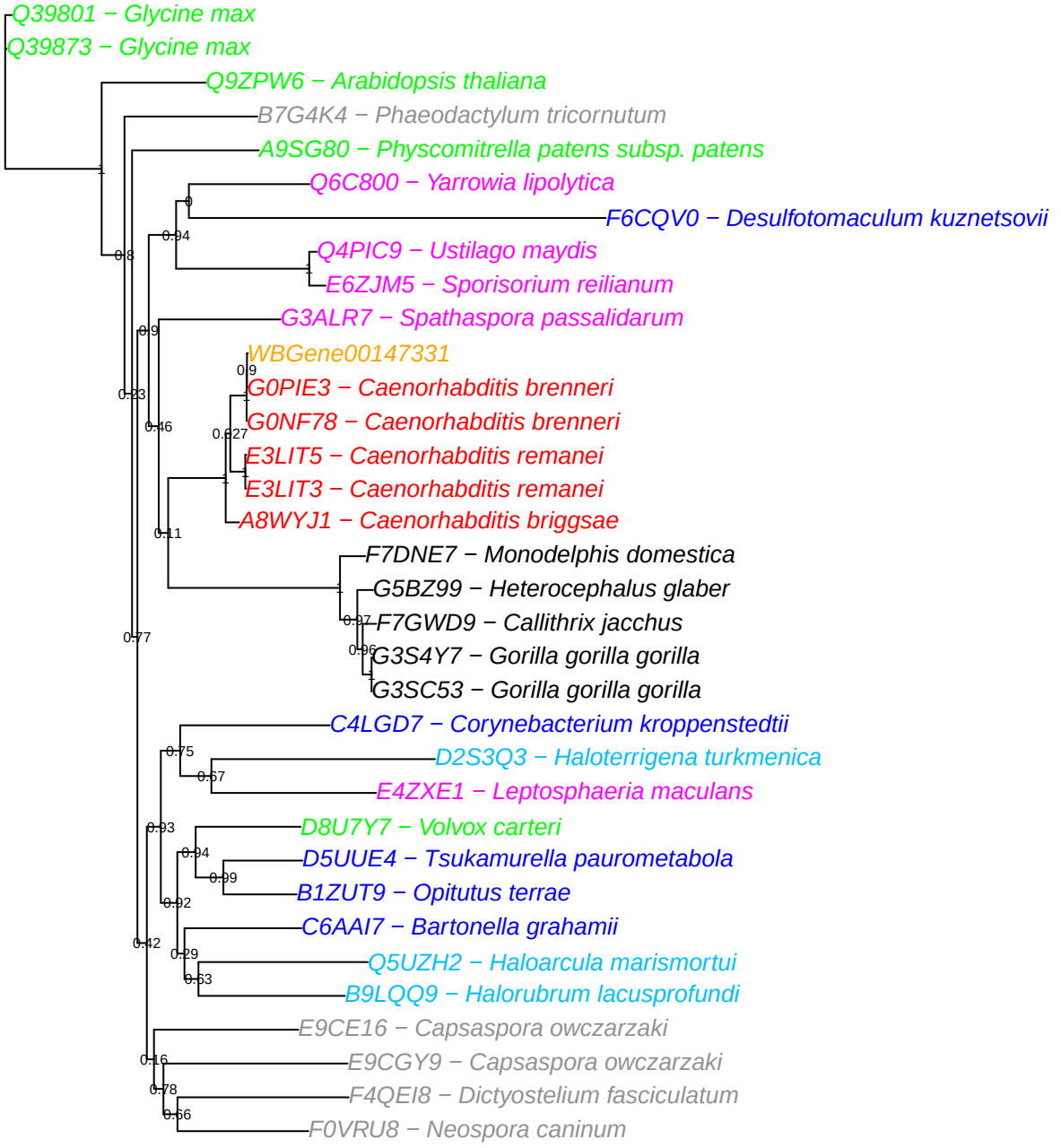

Q5X6W8 − Legionella pneumophila
Q5ZXE9 − Legionella pneumophila subsp. pneumophila
Q5WYB8 − Legionella pneumophila
Q0VRS3 − Alcanivorax borkumensis
0.77
0
B9TI85 − Ricinus communis
D4ZIF9 − Shewanella violacea
0.693
1
F0YRN3 − Aureococcus anophagefferens
E3N1W3 − Caenorhabditis remanei
0.7
0.83
E3N1V7 − Caenorhabditis remanei
1
E3N1V5 − Caenorhabditis remanei
1
WBGene00149537
1
G0NMU1 − Caenorhabditis brenneri
0
G0NWA5 − Caenorhabditis brenneri
0.55
B4MJR8 − Drosophila willistoni
0.86
Q8PV70 − Methanosarcina mazei

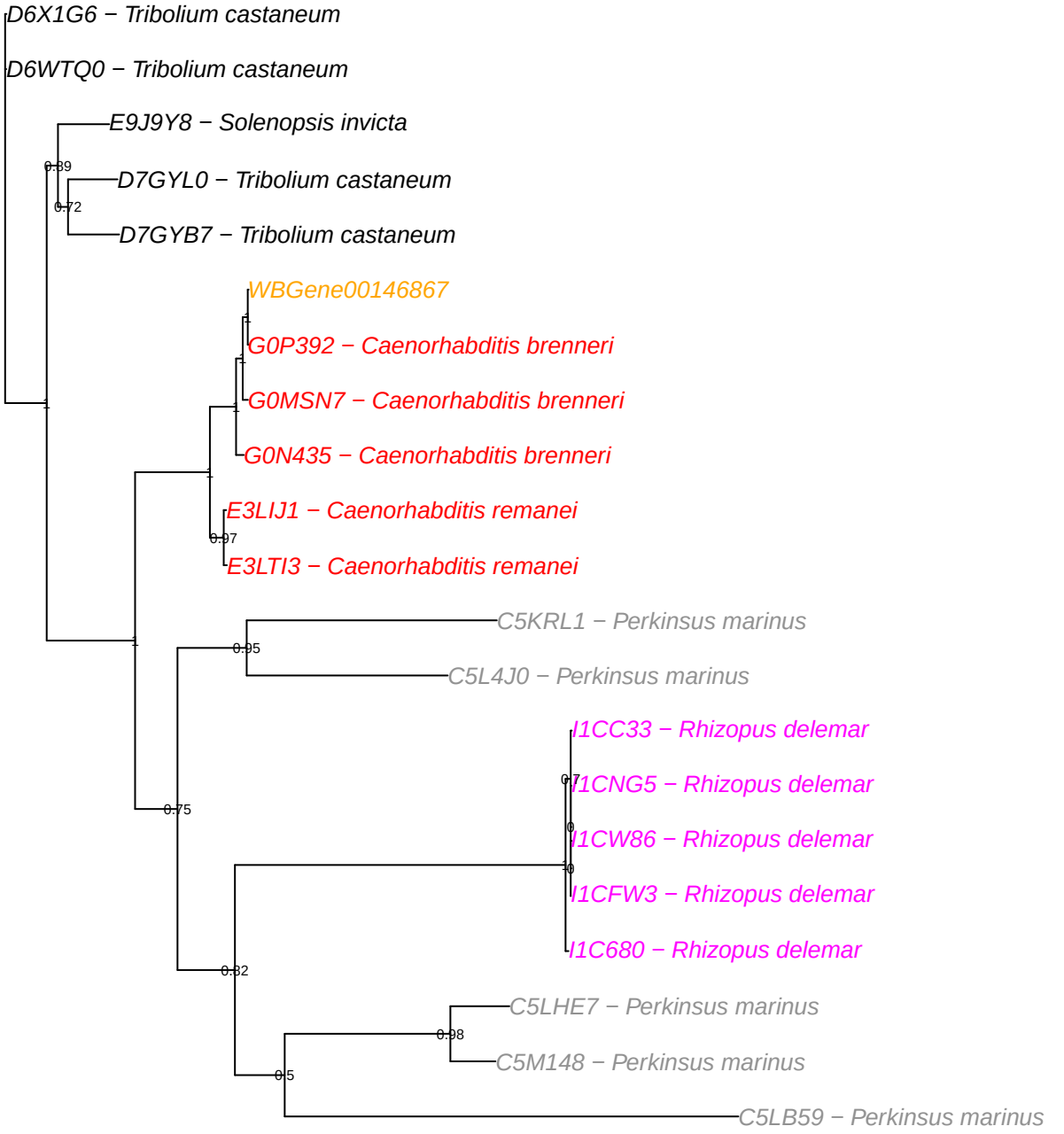

A4WI36 − Pyrobaculum arsenaticum
H6QB09 − Pyrobaculum oguniense
Q8ZXA2 − Pyrobaculum aerophilum
A1RUG0 − Pyrobaculum islandicum
A3MUE8 − Pyrobaculum calidifontis
Q20264 − Caenorhabditis elegans
E3M462 − Caenorhabditis remanei
A8XY86 − Caenorhabditis briggsae
G0P9V9 − Caenorhabditis brenneri
WBGene00148929
G0MQ15 − Caenorhabditis brenneri
A7HQ62 − Parvibaculum lavamentivorans
Q0A4V7 − Alkalilimnicola ehrlichii
B4R836 − Phenylobacterium zucineum
D3P7X5 − Azospirillum sp.
Q21CR6 − Rhodopseudomonas palustris
Q8H151 − Arabidopsis thaliana
D7L5L1 − Arabidopsis lyrata subsp. lyrata
I1KGM8 − Glycine max
I1KGM7 − Glycine max
I1KV61 − Glycine max
E9BWX6 − Capsaspora owczarzaki
D6WR85 − Tribolium castaneum
E0W0C8 − Pediculus humanus subsp. corporis
H0ZBU4 − Taeniopygia guttata
H9GJM9 − Anolis carolinensis
G3GRS3 − Cricetulus griseus
D5GNG4 − Tuber melanosporum
B6QNJ5 − Penicillium marneffei
F2SS46 − Trichophyton rubrum
C5FG40 − Arthroderma otae
E4V3G0 − Arthroderma gypseum
G4YSG1 − Phytophthora sojae
H3GUR3 − Phytophthora ramorum
F4Q868 − Dictyostelium fasciculatum
D3BS34 − Polysphondylium pallidum

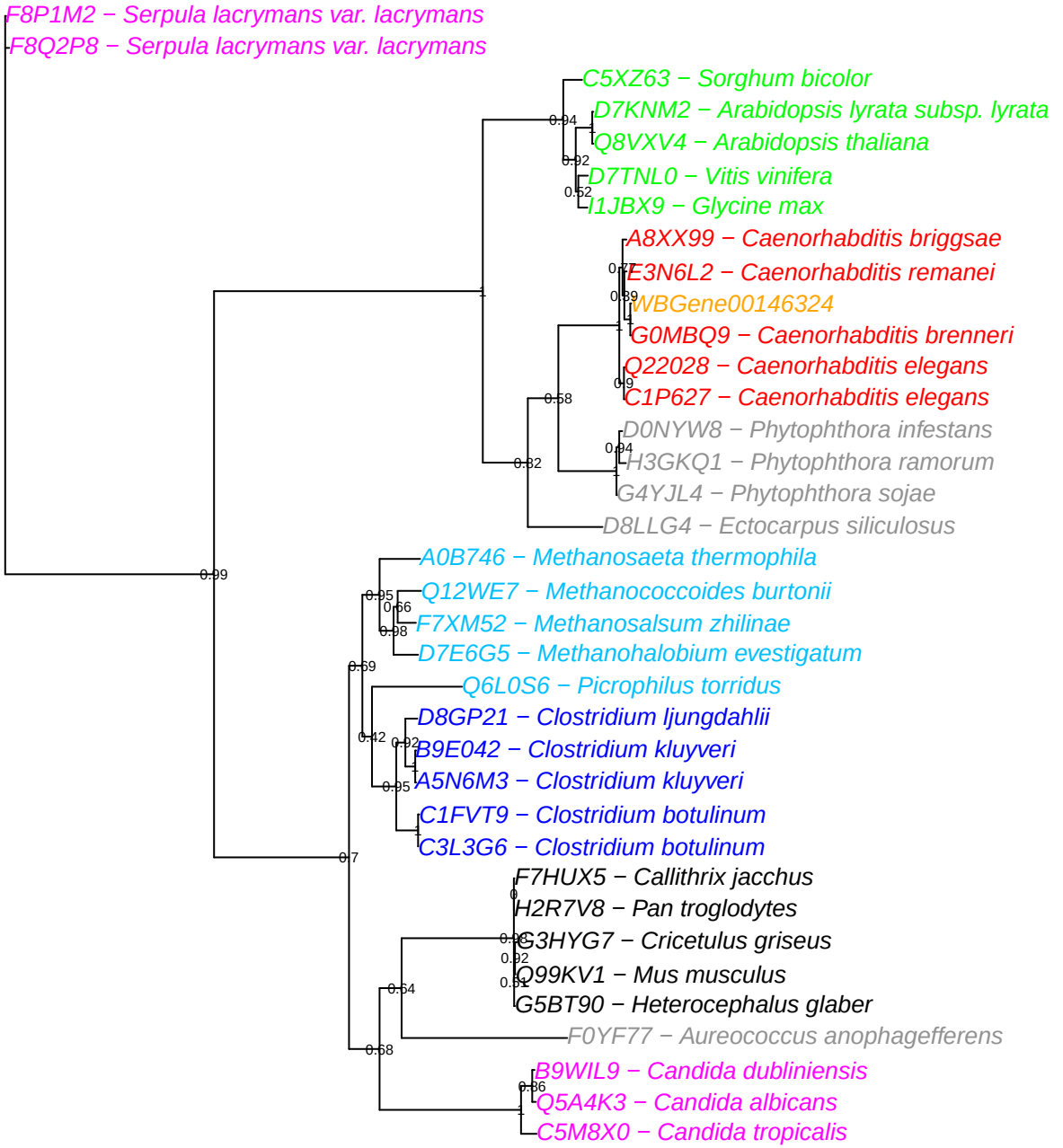

G4YNV2 − Phytophthora sojae
G4YNY1 − Phytophthora sojae
H3GM67 − Phytophthora ramorum
Q3IUK0 − Natronomonas pharaonis
Q5V604 − Haloarcula marismortui
G0I0B9 − Haloarcula hispanica
F8AEP0 − Pyrococcus yayanosii
O30121 − Archaeoglobus fulgidus
H3A5Q2 − Latimeria chalumnae
B7PA16 − Ixodes scapularis
B7PX67 − Ixodes scapularis
B7QGK0 − Ixodes scapularis
B7PD10 − Ixodes scapularis
A9UP13 − Monosiga brevicollis
G4YVW4 − Phytophthora sojae
C4QZG3 − Komagataella pastoris
F2QU67 − Komagataella pastoris
WBGene00148803
G0MBY4 − Caenorhabditis brenneri
E3M8G1 − Caenorhabditis remanei
A8WVF1 − Caenorhabditis briggsae
Q23384 − Caenorhabditis elegans
H3FCP0 − Pristionchus pacificus
D2R9H8 − Pirellula staleyi
D1C8L7 − Sphaerobacter thermophilus
P46011 − Arabidopsis thaliana
D7M0W1 − Arabidopsis lyrata subsp. lyrata
D7LNQ6 − Arabidopsis lyrata subsp. lyrata
P32962 − Arabidopsis thaliana
P32961 − Arabidopsis thaliana
D8PP70 − Schizophyllum commune
F8NFZ5 − Serpula lacrymans var. lacrymans
F8PF33 − Serpula lacrymans var. lacrymans
A0LKP2 − Syntrophobacter fumaroxidans
E3HN55 − Achromobacter xylosoxidans
Q7WNC4 − Bordetella bronchiseptica

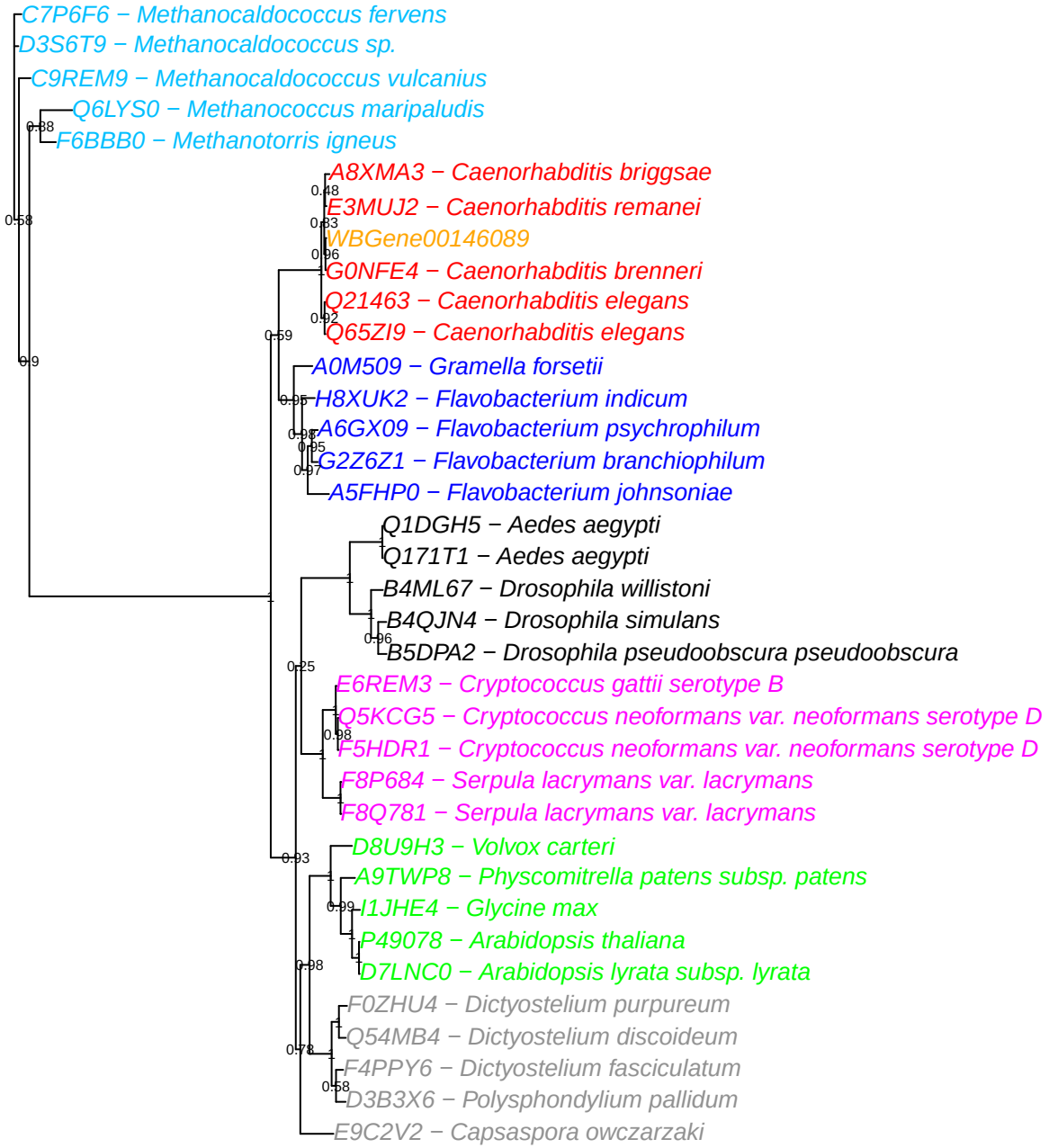

WBGene00148713
G0MNB9 − Caenorhabditis brenneri
Q17556 − Caenorhabditis elegans
H2VWF9 − Caenorhabditis japonica
A8WVJ0 − Caenorhabditis briggsae
E3MU33 − Caenorhabditis remanei
B5IDJ3 − Aciduliprofundum boonei
F8AK61 − Methanothermococcus okinawensis
F8AHX9 − Pyrococcus yayanosii
Q0W7G2 − Uncultured methanogenic archaeon RC−I
B8GEI3 − Methanosphaerula palustris
H9K038 − Apis mellifera
E4RVG8 − Leadbetterella byssophila
C7M5G9 − Capnocytophaga ochracea
Q8AAJ8 − Bacteroides thetaiotaomicron
F9Z971 − Odoribacter splanchnicus
D9R347 − Clostridium saccharolyticum
G7XTN2 − Aspergillus kawachii
D8M427 − Blastocystis hominis
Q4DQ62 − Trypanosoma cruzi
Q4CYB9 − Trypanosoma cruzi
I1M9T9 − Glycine max
I1MWE5 − Glycine max
F6H9H8 − Vitis vinifera
I1LVA7 − Glycine max
A9TAN0 − Physcomitrella patens subsp. patens
F7CQ20 − Monodelphis domestica
H2Q7P8 − Pan troglodytes
E2QWQ8 − Canis familiaris
O95455 − Homo sapiens
G2X6S0 − Verticillium dahliae
C9SPG1 − Verticillium alfalfae
D5GGV2 − Tuber melanosporum
F4NSF7 − Batrachochytrium dendrobatidis
B0EGJ4 − Entamoeba dispar
B0ET42 − Entamoeba dispar

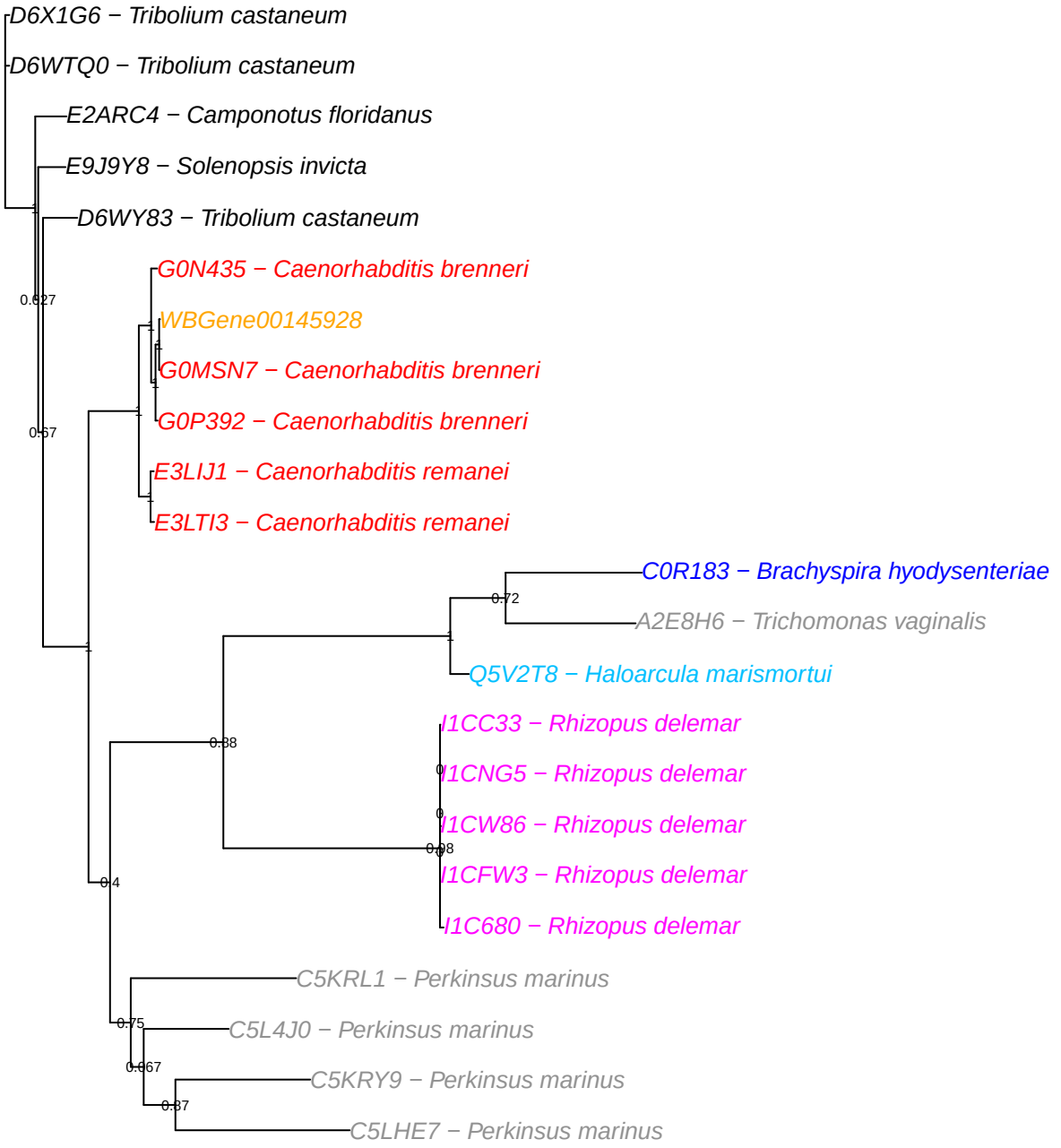

H0ZL52 − Taeniopygia guttata
Q0P4H0 − Xenopus tropicalis
G4VHS5 − Schistosoma mansoni
B3S9W6 − Trichoplax adhaerens
B7PXR7 − Ixodes scapularis
A4VDC3 − Tetrahymena thermophila
C5KS26 − Perkinsus marinus
C5K7R1 − Perkinsus marinus
C5KAE5 − Perkinsus marinus
A9RQ53 − Physcomitrella patens subsp. patens
B9RES9 − Ricinus communis
Q94BU8 − Arabidopsis thaliana
F4K5T6 − Arabidopsis thaliana
D7TUN8 − Vitis vinifera
B8BQT0 − Thalassiosira pseudonana
D5EB43 − Methanohalophilus mahii
Q12ZA1 − Methanococcoides burtonii
F7XQH5 − Methanosalsum zhilinae
G7WQC2 − Methanosaeta harundinacea
Q95Y87 − Caenorhabditis elegans
A8X869 − Caenorhabditis briggsae
WBGene00147675
G0MG69 − Caenorhabditis brenneri
E3MWE7 − Caenorhabditis remanei
H2VXF4 − Caenorhabditis japonica
F0RC51 − Cellulophaga lytica
Q8PTJ3 − Methanosarcina mazei
Q6MRJ4 − Bdellovibrio bacteriovorus
D3EKU7 − Geobacillus sp.
D5H8T4 − Salinibacter ruber
Q2S2Y4 − Salinibacter ruber
0.83
0.28
0.99
0.98
0.83
0.87
0.7
0.77
0
0.99
0.05
0.91
0.886
0.79
0.84
0.98
0.94
0.92
0.85
0.63
0.81
0.86

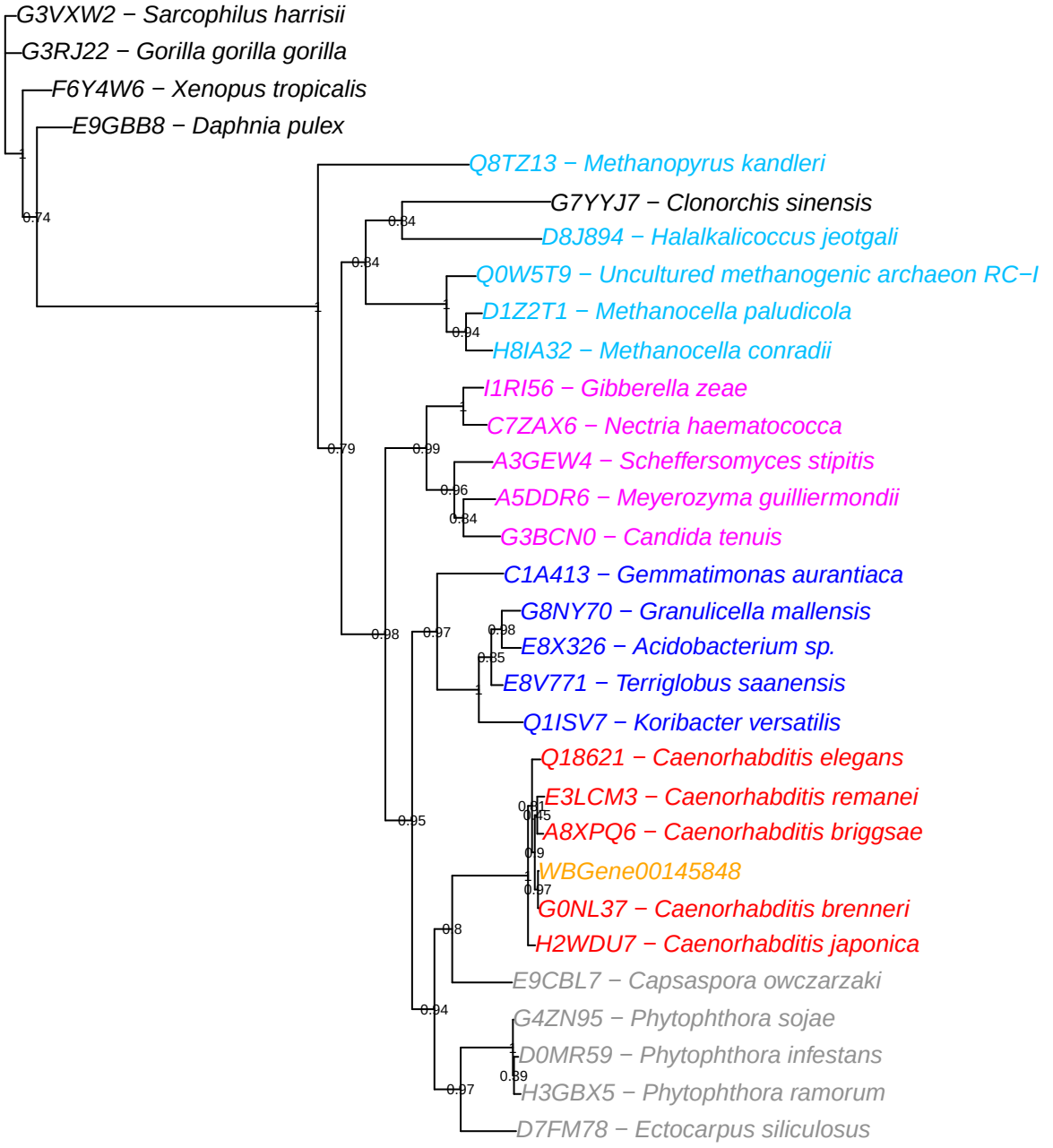

Q39801 − Glycine max
Q39873 − Glycine max
Q9ZPW6 − Arabidopsis thaliana
B7G4K4 − Phaeodactylum tricornutum
A9SG80 − Physcomitrella patens subsp. patens
Q6C800 − Yarrowia lipolytica
F6CQV0 − Desulfotomaculum kuznetsovii
Q4PIC9 − Ustilago maydis
E6ZJM5 − Sporisorium reilianum
G3ALR7 − Spathaspora passalidarum
WBGene00147331
G0PIE3 − Caenorhabditis brenneri
G0NF78 − Caenorhabditis brenneri
E3LIT5 − Caenorhabditis remanei
E3LIT3 − Caenorhabditis remanei
A8WYJ1 − Caenorhabditis briggsae
F7DNE7 − Monodelphis domestica
G5BZ99 − Heterocephalus glaber
F7GWD9 − Callithrix jacchus
G3S4Y7 − Gorilla gorilla gorilla
G3SC53 − Gorilla gorilla gorilla
C4LGD7 − Corynebacterium kroppenstedtii
D2S3Q3 − Haloterrigena turkmenica
E4ZXE1 − Leptosphaeria maculans
D8U7Y7 − Volvox carteri
D5UUE4 − Tsukamurella paurometabola
B1ZUT9 − Opitutus terrae
C6AAI7 − Bartonella grahamii
Q5UZH2 − Haloarcula marismortui
B9LQQ9 − Halorubrum lacusprofundi
E9CE16 − Capsaspora owczarzaki
E9CGY9 − Capsaspora owczarzaki
F4QEI8 − Dictyostelium fasciculatum
F0VRU8 − Neospora caninum

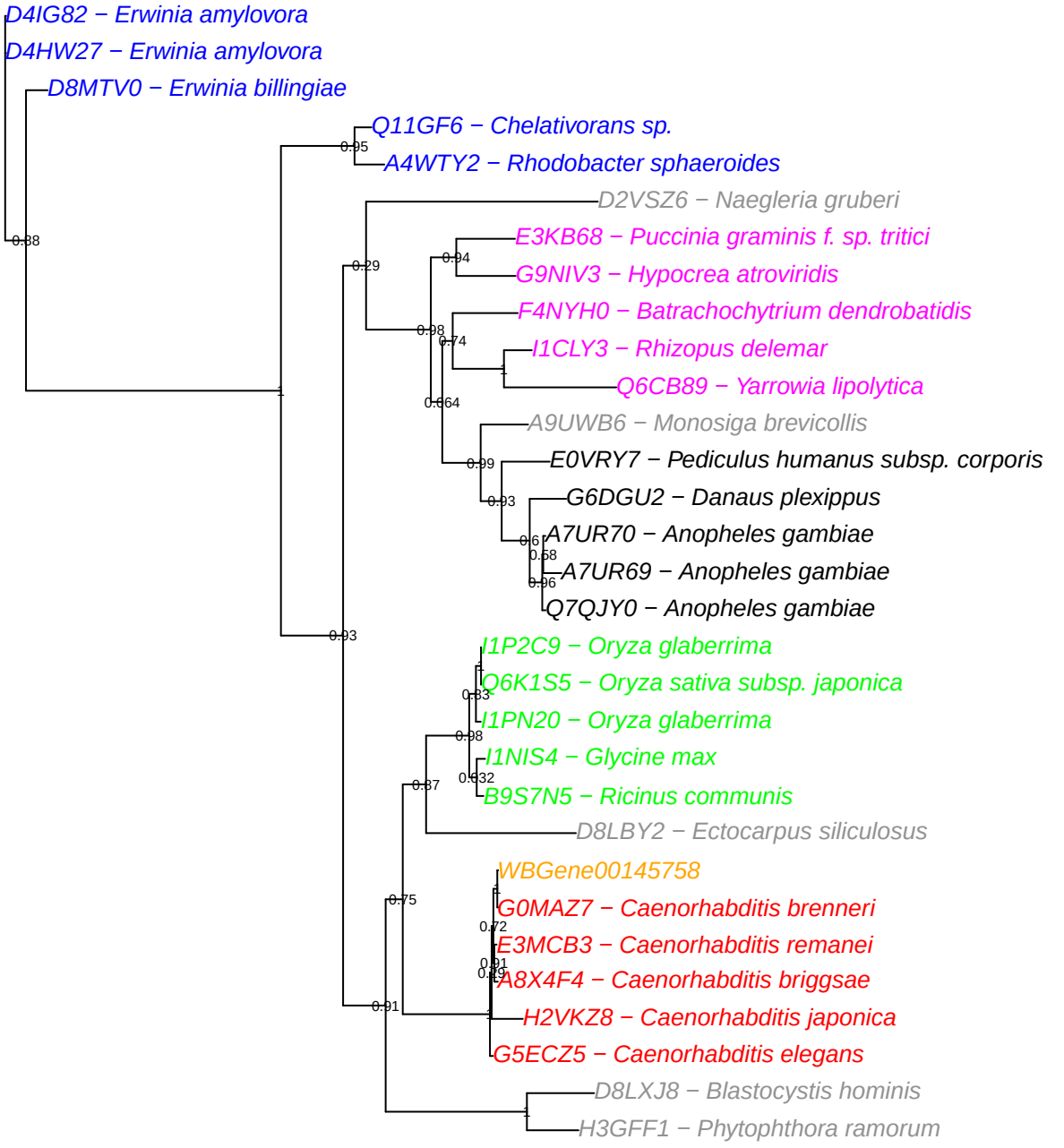

D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
0.89
D7GYL0 − Tribolium castaneum
0.72
D7GYB7 − Tribolium castaneum
WBGene00146867
1
G0P392 − Caenorhabditis brenneri
1
G0MSN7 − Caenorhabditis brenneri
1
G0N435 − Caenorhabditis brenneri
1
E3LIJ1 − Caenorhabditis remanei
0.97
E3LTI3 − Caenorhabditis remanei
1
C5KRL1 − Perkinsus marinus
0.95
C5L4J0 − Perkinsus marinus
I1CC33 − Rhizopus delemar
0.7
I1CNG5 − Rhizopus delemar
0
I1CW86 − Rhizopus delemar
1
1.0
I1CFW3 − Rhizopus delemar
I1C680 − Rhizopus delemar
0.75
0.82
C5LHE7 − Perkinsus marinus
0.98
C5M148 − Perkinsus marinus
0.5
C5LB59 − Perkinsus marinus

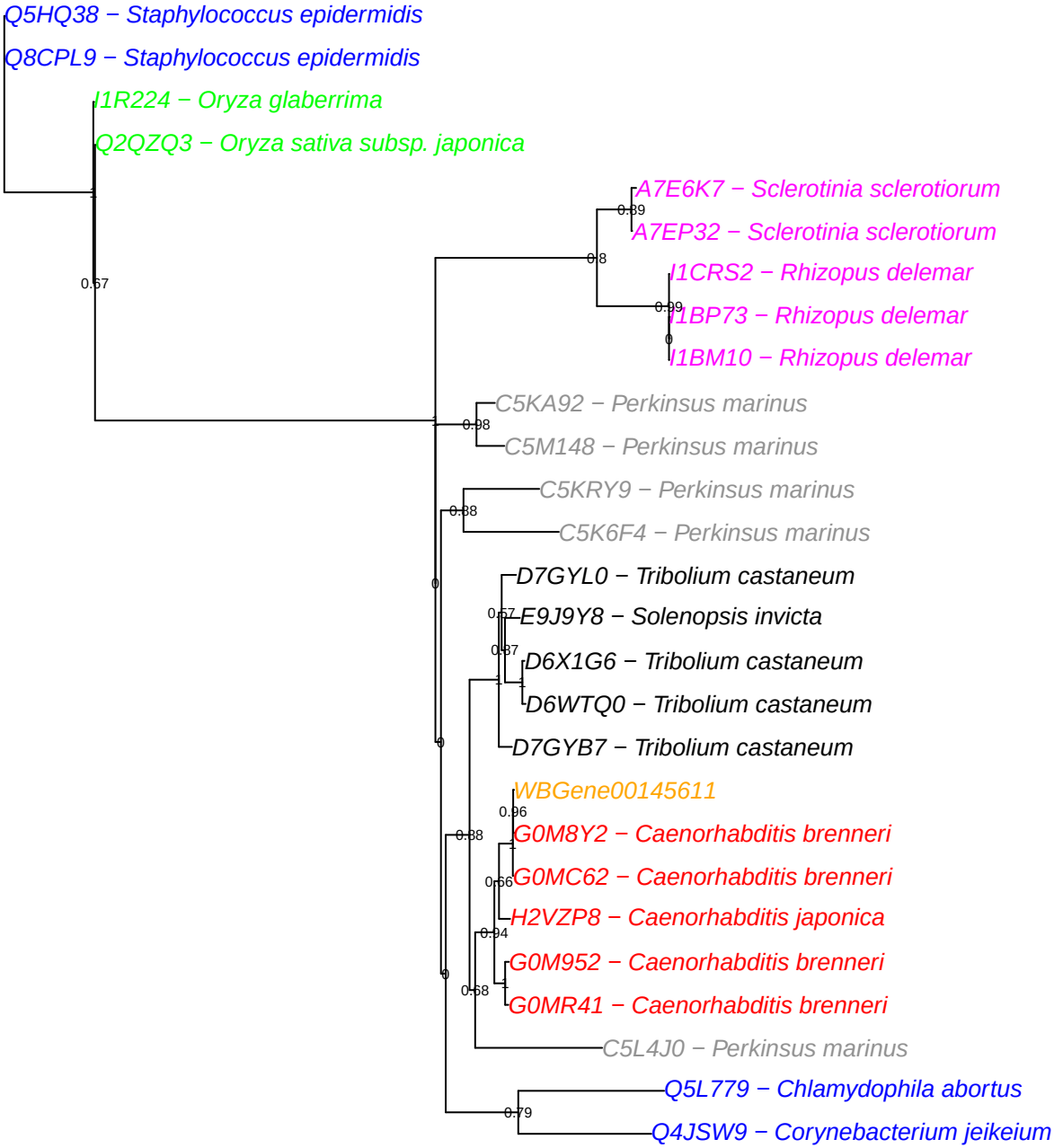

F8P1M2 − Serpula lacrymans var. lacrymans
F8Q2P8 − Serpula lacrymans var. lacrymans
C5XZ63 − Sorghum bicolor
D7KNM2 − Arabidopsis lyrata subsp. lyrata
Q8VXV4 − Arabidopsis thaliana
D7TNL0 − Vitis vinifera
I1JBX9 − Glycine max
A8XX99 − Caenorhabditis briggsae
E3N6L2 − Caenorhabditis remanei
WBGene00146324
G0MBQ9 − Caenorhabditis brenneri
Q22028 − Caenorhabditis elegans
C1P627 − Caenorhabditis elegans
D0NYW8 − Phytophthora infestans
H3GKQ1 − Phytophthora ramorum
G4YJL4 − Phytophthora sojae
D8LLG4 − Ectocarpus siliculosus
A0B746 − Methanosaeta thermophila
Q12WE7 − Methanococcoides burtonii
F7XM52 − Methanosalsum zhilinae
D7E6G5 − Methanohalobium evestigatum
Q6L0S6 − Picrophilus torridus
D8GP21 − Clostridium ljungdahlii
B9E042 − Clostridium kluyveri
A5N6M3 − Clostridium kluyveri
C1FVT9 − Clostridium botulinum
C3L3G6 − Clostridium botulinum
F7HUX5 − Callithrix jacchus
H2R7V8 − Pan troglodytes
G3HYG7 − Cricetulus griseus
Q99KV1 − Mus musculus
G5BT90 − Heterocephalus glaber
F0YF77 − Aureococcus anophagefferens
B9WIL9 − Candida dubliniensis
Q5A4K3 − Candida albicans
C5M8X0 − Candida tropicalis

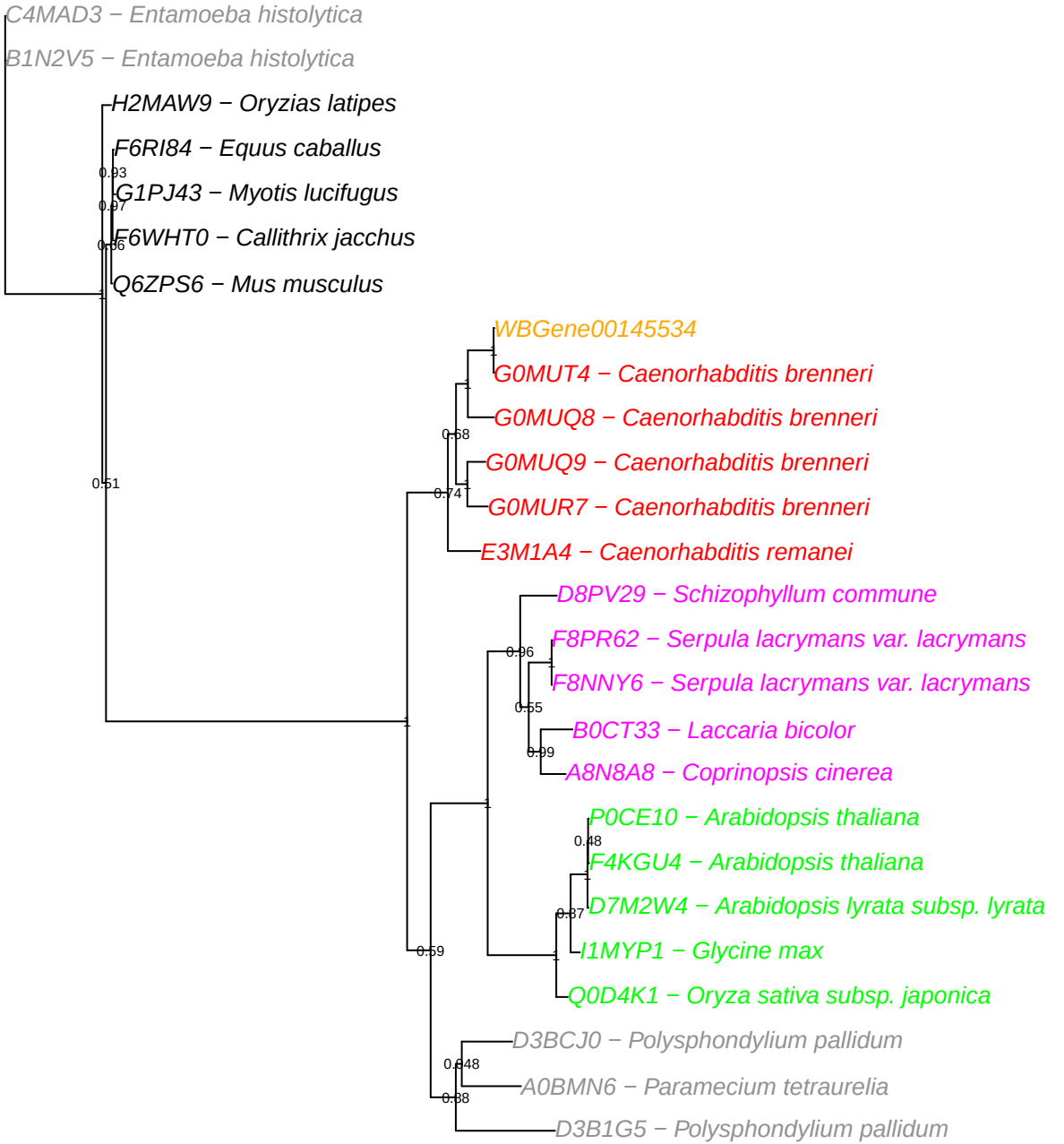

C7P6F6 − Methanocaldococcus fervens
D3S6T9 − Methanocaldococcus sp.
C9REM9 − Methanocaldococcus vulcanius
Q6LYS0 − Methanococcus maripaludis
F6BBB0 − Methanotorris igneus
A8XMA3 − Caenorhabditis briggsae
E3MUJ2 − Caenorhabditis remanei
WBGene00146089
G0NFE4 − Caenorhabditis brenneri
Q21463 − Caenorhabditis elegans
Q65ZI9 − Caenorhabditis elegans
A0M509 − Gramella forsetii
H8XUK2 − Flavobacterium indicum
A6GX09 − Flavobacterium psychrophilum
G2Z6Z1 − Flavobacterium branchiophilum
A5FHP0 − Flavobacterium johnsoniae
Q1DGH5 − Aedes aegypti
Q171T1 − Aedes aegypti
B4ML67 − Drosophila willistoni
B4QJN4 − Drosophila simulans
B5DPA2 − Drosophila pseudoobscura pseudoobscura
E6REM3 − Cryptococcus gattii serotype B
Q5KCG5 − Cryptococcus neoformans var. neoformans serotype D
F5HDR1 − Cryptococcus neoformans var. neoformans serotype D
F8P684 − Serpula lacrymans var. lacrymans
F8Q781 − Serpula lacrymans var. lacrymans
D8U9H3 − Volvox carteri
A9TWP8 − Physcomitrella patens subsp. patens
I1JHE4 − Glycine max
P49078 − Arabidopsis thaliana
D7LNC0 − Arabidopsis lyrata subsp. lyrata
F0ZHU4 − Dictyostelium purpureum
Q54MB4 − Dictyostelium discoideum
F4PPY6 − Dictyostelium fasciculatum
D3B3X6 − Polysphondylium pallidum
E9C2V2 − Capsaspora owczarzaki
0.88
0.58
0.9
0.48
0.83
0.96
0.92
0.59
0.95
0.98
0.95
0.97
0.96
0.25
0.98
0.93
0.99
0.98
0.78
0.58

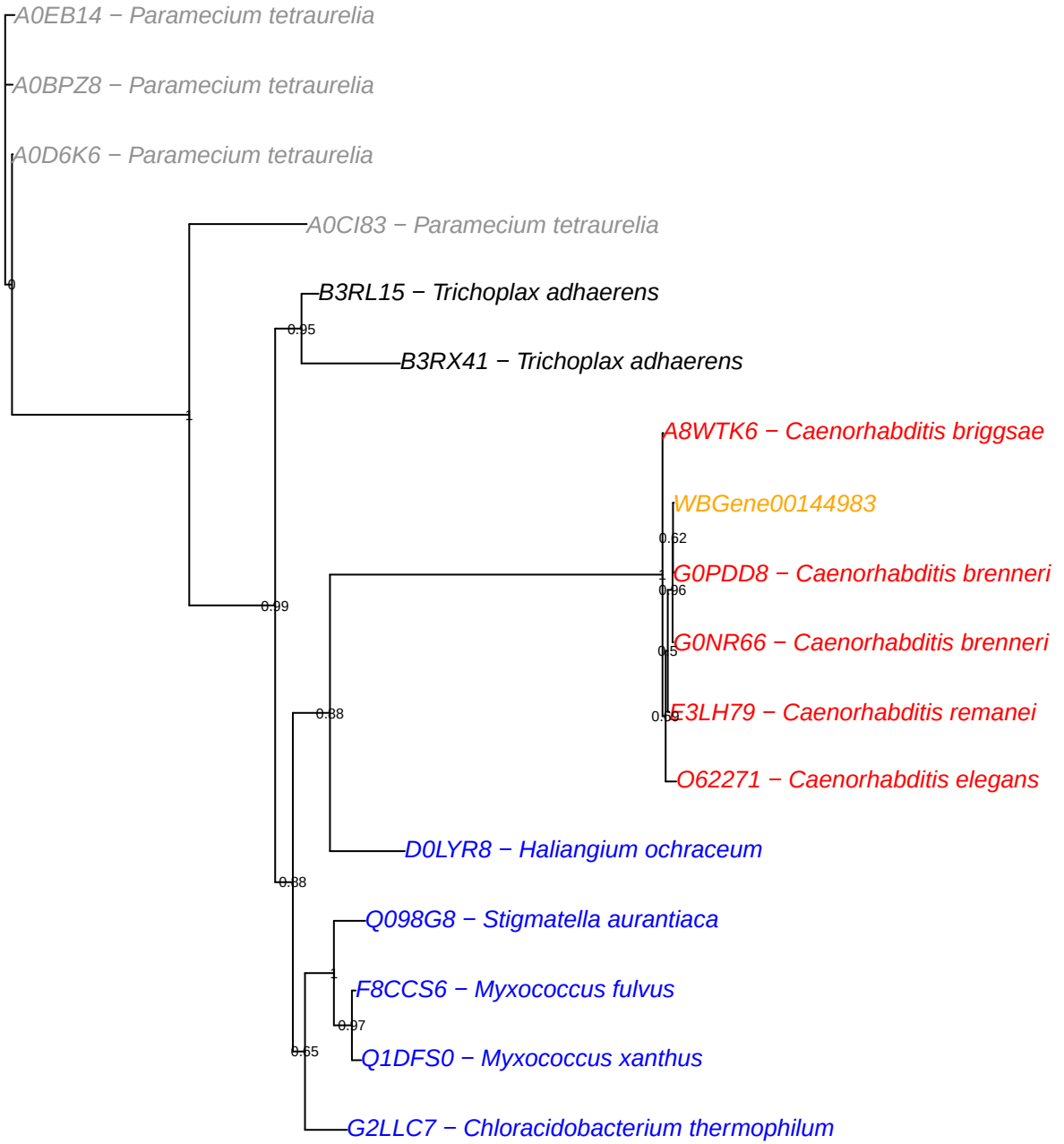

D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
E9J9Y8 − Solenopsis invicta
D6WY83 − Tribolium castaneum
G0N435 − Caenorhabditis brenneri
WBGene00145928
G0MSN7 − Caenorhabditis brenneri
G0P392 − Caenorhabditis brenneri
E3LIJ1 − Caenorhabditis remanei
E3LTI3 − Caenorhabditis remanei
C0R183 − Brachyspira hyodysenteriae
A2E8H6 − Trichomonas vaginalis
Q5V2T8 − Haloarcula marismortui
I1CC33 − Rhizopus delemar
I1CNG5 − Rhizopus delemar
I1CW86 − Rhizopus delemar
I1CFW3 − Rhizopus delemar
I1C680 − Rhizopus delemar
C5KRL1 − Perkinsus marinus
C5L4J0 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
0.627
0.57
0.72
0.88
0.98
0.4
0.75
0.067
0.87

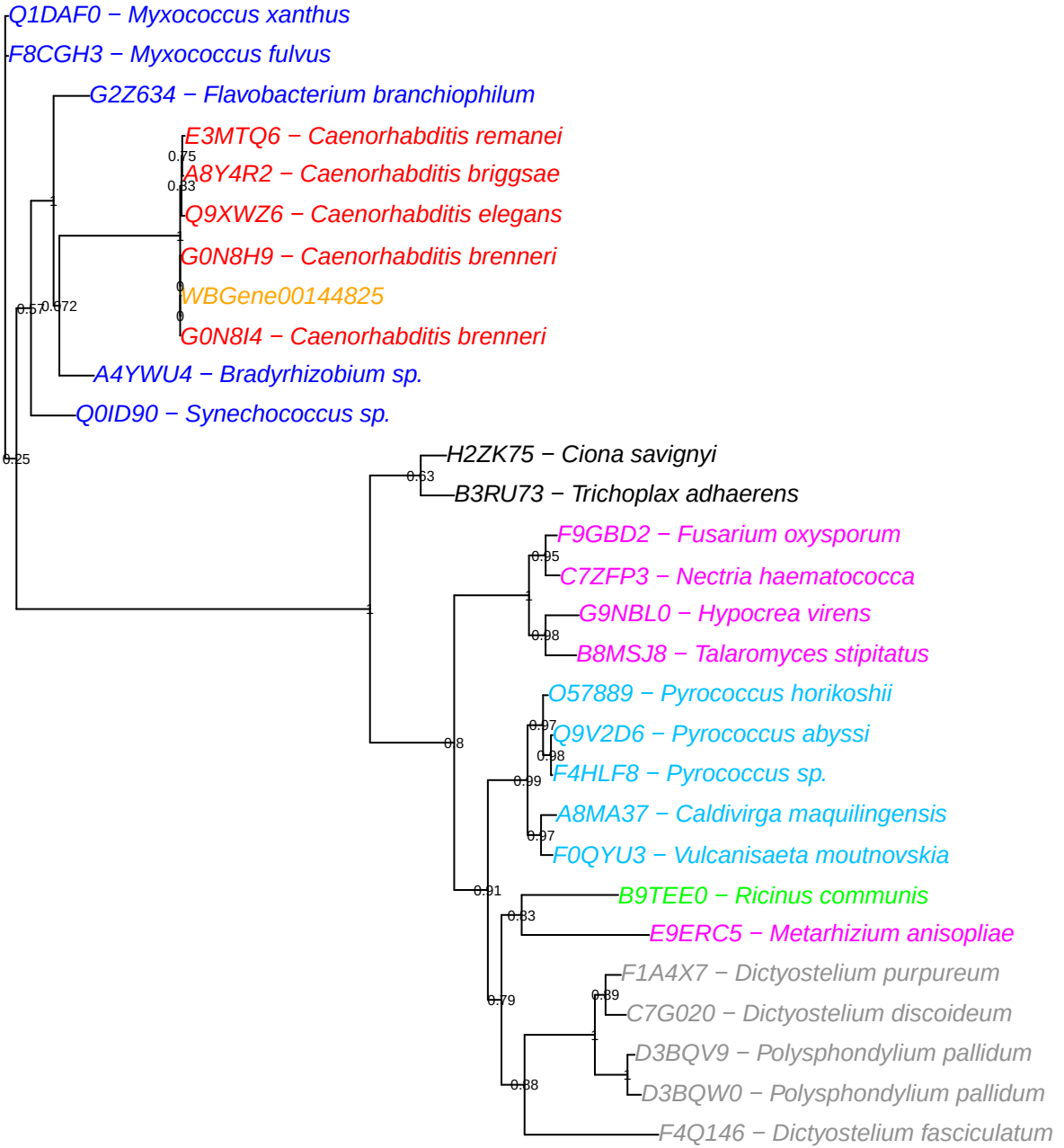

G3VXW2 − Sarcophilus harrisii
G3RJ22 − Gorilla gorilla gorilla
F6Y4W6 − Xenopus tropicalis
E9GBB8 − Daphnia pulex
Q8TZ13 − Methanopyrus kandleri
G7YYJ7 − Clonorchis sinensis
D8J894 − Halalkalicoccus jeotgali
Q0W5T9 − Uncultured methanogenic archaeon RC−I
D1Z2T1 − Methanocella paludicola
H8IA32 − Methanocella conradii
I1RI56 − Gibberella zeae
C7ZAX6 − Nectria haematococca
A3GEW4 − Scheffersomyces stipitis
A5DDR6 − Meyerozyma guilliermondii
G3BCN0 − Candida tenuis
C1A413 − Gemmatimonas aurantiaca
G8NY70 − Granulicella mallensis
E8X326 − Acidobacterium sp.
E8V771 − Terriglobus saanensis
Q1ISV7 − Koribacter versatilis
Q18621 − Caenorhabditis elegans
E3LCM3 − Caenorhabditis remanei
A8XPQ6 − Caenorhabditis briggsae
WBGene00145848
G0NL37 − Caenorhabditis brenneri
H2WDU7 − Caenorhabditis japonica
E9CBL7 − Capsaspora owczarzaki
G4ZN95 − Phytophthora sojae
D0MR59 − Phytophthora infestans
H3GBX5 − Phytophthora ramorum
D7FM78 − Ectocarpus siliculosus

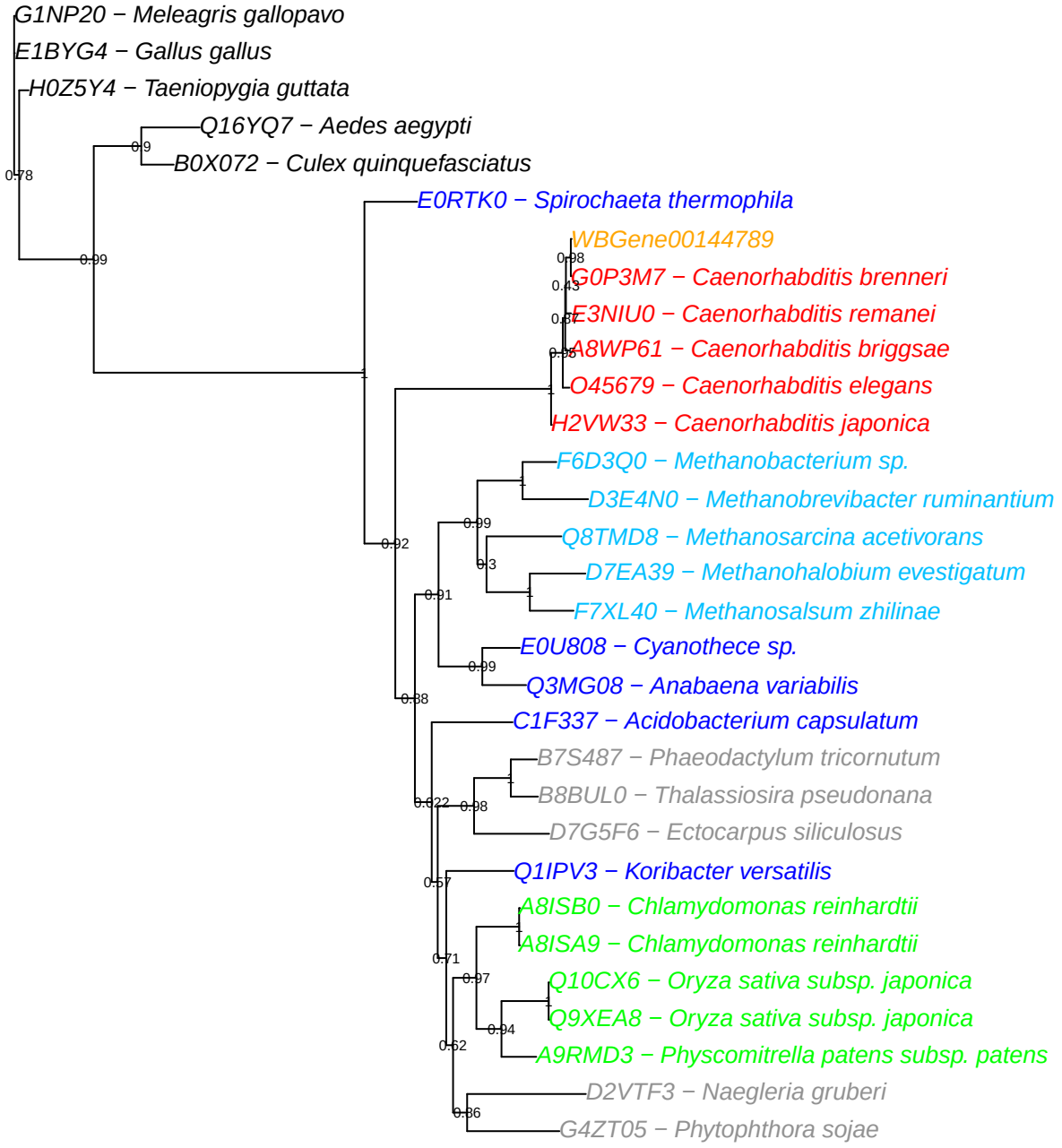

D4IG82 − Erwinia amylovora
D4HW27 − Erwinia amylovora
D8MTV0 − Erwinia billingiae
Q11GF6 − Chelativorans sp.
A4WTY2 − Rhodobacter sphaeroides
D2VSZ6 − Naegleria gruberi
E3KB68 − Puccinia graminis f. sp. tritici
G9NIV3 − Hypocrea atroviridis
F4NYH0 − Batrachochytrium dendrobatidis
I1CLY3 − Rhizopus delemar
Q6CB89 − Yarrowia lipolytica
A9UWB6 − Monosiga brevicollis
E0VRY7 − Pediculus humanus subsp. corporis
G6DGU2 − Danaus plexippus
A7UR70 − Anopheles gambiae
A7UR69 − Anopheles gambiae
Q7QJY0 − Anopheles gambiae
I1P2C9 − Oryza glaberrima
Q6K1S5 − Oryza sativa subsp. japonica
I1PN20 − Oryza glaberrima
I1NIS4 − Glycine max
B9S7N5 − Ricinus communis
D8LBY2 − Ectocarpus siliculosus
WBGene00145758
G0MAZ7 − Caenorhabditis brenneri
E3MCB3 − Caenorhabditis remanei
A8X4F4 − Caenorhabditis briggsae
H2VKZ8 − Caenorhabditis japonica
G5ECZ5 − Caenorhabditis elegans
D8LXJ8 − Blastocystis hominis
H3GFF1 − Phytophthora ramorum
0.88
0.95
0.29
0.94
0.98
0.74
0.664
0.99
0.93
0.61
0.58
0.96
0.93
0.83
0.98
0.932
0.87
0.75
0.72
0.91
0.91
1

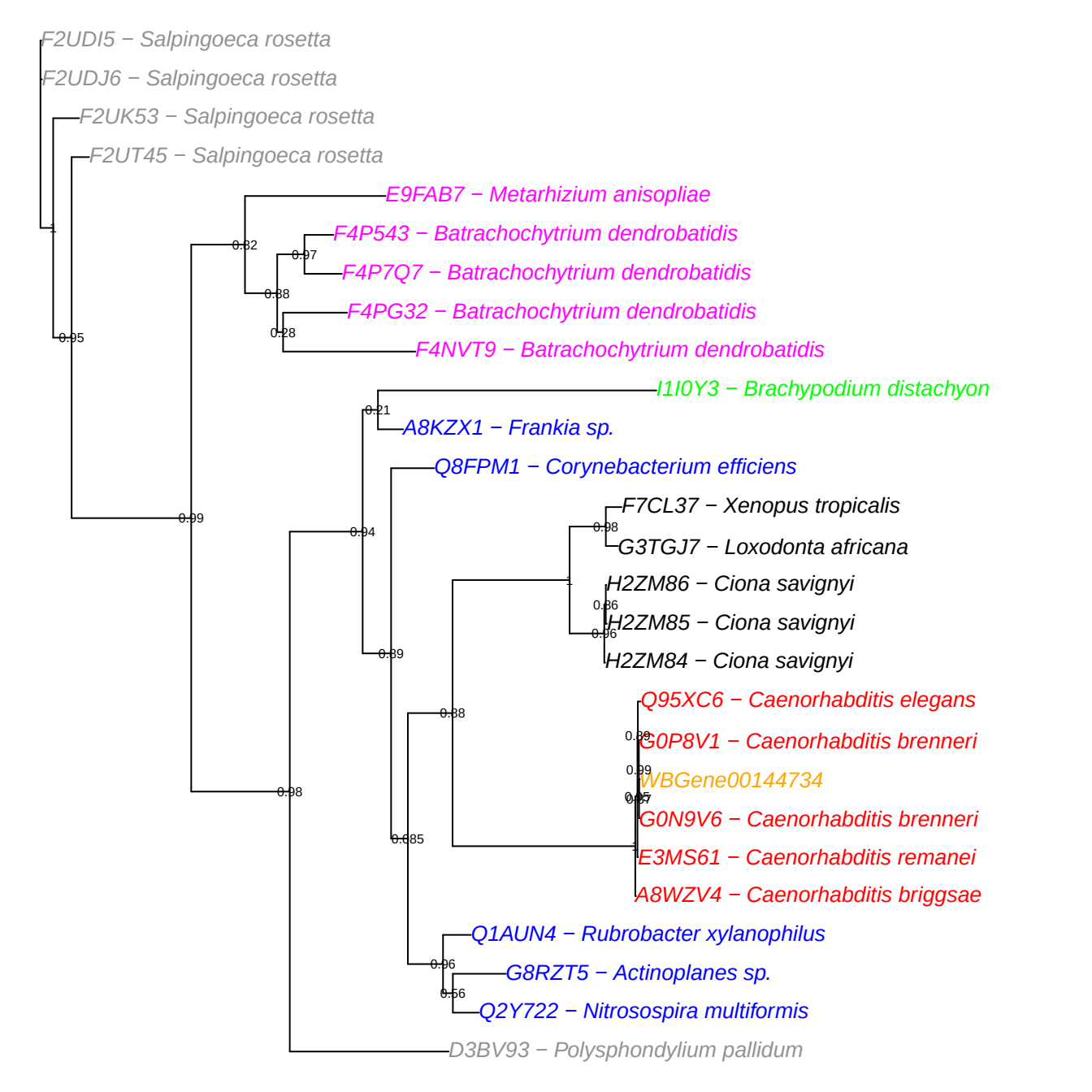

Q5HQ38 − Staphylococcus epidermidis
Q8CPL9 − Staphylococcus epidermidis
I1R224 − Oryza glaberrima
Q2QZQ3 − Oryza sativa subsp. japonica
A7E6K7 − Sclerotinia sclerotiorum
A7EP32 − Sclerotinia sclerotiorum
I1CRS2 − Rhizopus delemar
I1BP73 − Rhizopus delemar
I1BM10 − Rhizopus delemar
C5KA92 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5KRY9 − Perkinsus marinus
C5K6F4 − Perkinsus marinus
D7GYL0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
WBGene00145611
G0M8Y2 − Caenorhabditis brenneri
G0MC62 − Caenorhabditis brenneri
H2VZP8 − Caenorhabditis japonica
G0M952 − Caenorhabditis brenneri
G0MR41 − Caenorhabditis brenneri
C5L4J0 − Perkinsus marinus
Q5L779 − Chlamydophila abortus
Q4JSW9 − Corynebacterium jeikeium
0.57
0.89
0.8
0.99
0
0.98
0.88
0
0.67
0.87
1
0
0.96
0.88
1
0.66
0.94
1
0.68
0
0.79

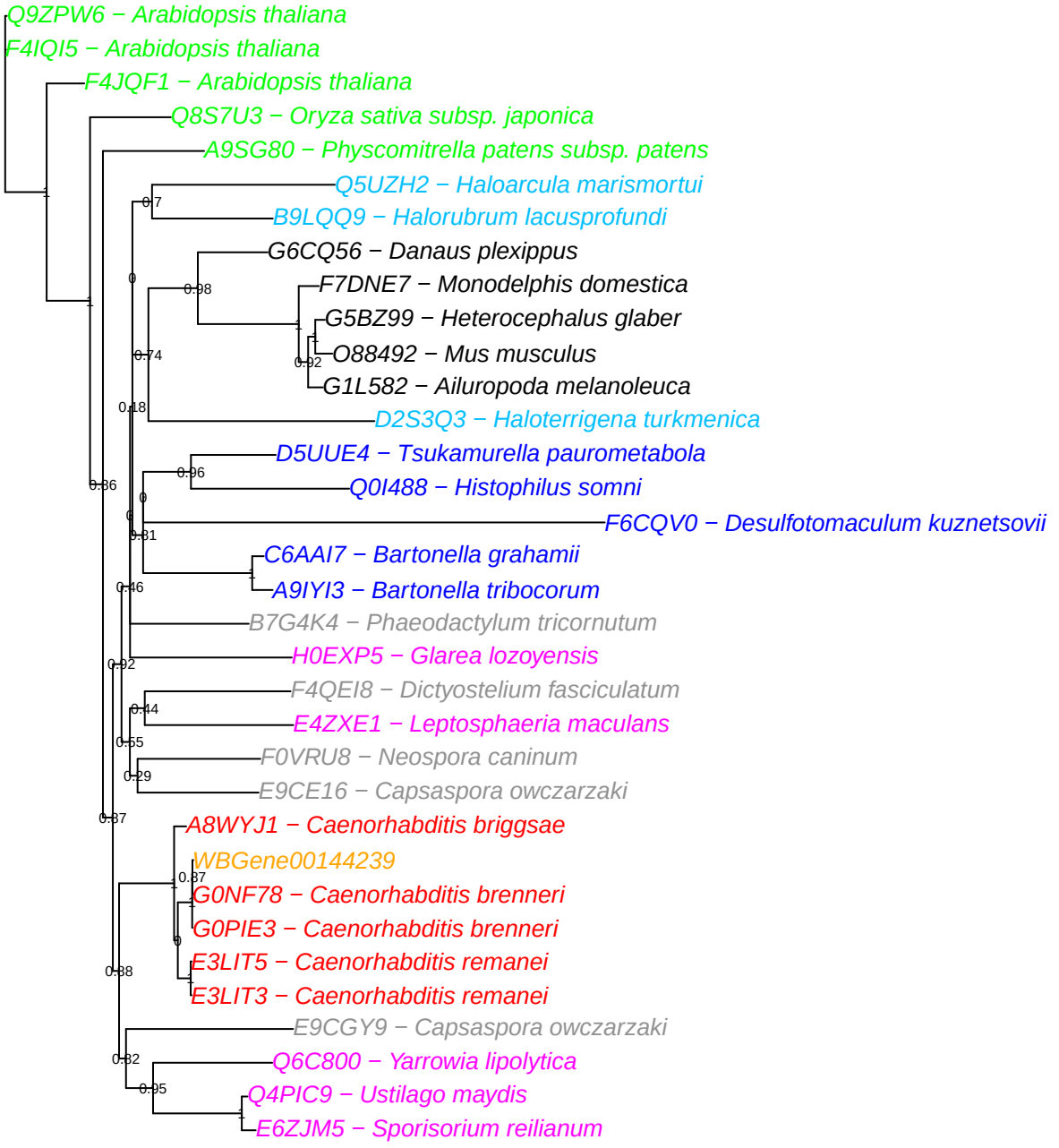

C4MAD3 − Entamoeba histolytica
B1N2V5 − Entamoeba histolytica
H2MAW9 − Oryzias latipes
F6RI84 − Equus caballus
G1PJ43 − Myotis lucifugus
F6WHT0 − Callithrix jacchus
Q6ZPS6 − Mus musculus
WBGene00145534
G0MUT4 − Caenorhabditis brenneri
G0MUQ8 − Caenorhabditis brenneri
G0MUQ9 − Caenorhabditis brenneri
G0MUR7 − Caenorhabditis brenneri
E3M1A4 − Caenorhabditis remanei
D8PV29 − Schizophyllum commune
F8PR62 − Serpula lacrymans var. lacrymans
F8NNY6 − Serpula lacrymans var. lacrymans
B0CT33 − Laccaria bicolor
A8N8A8 − Coprinopsis cinerea
P0CE10 − Arabidopsis thaliana
F4KGU4 − Arabidopsis thaliana
D7M2W4 − Arabidopsis lyrata subsp. lyrata
I1MYP1 − Glycine max
Q0D4K1 − Oryza sativa subsp. japonica
D3BCJ0 − Polysphondylium pallidum
A0BMN6 − Paramecium tetraurelia
D3B1G5 − Polysphondylium pallidum
0.93
0.97
0.56
0.51
0.68
0.74
0.96
0.55
0.99
0.48
0.87
0.59
0.648
0.88

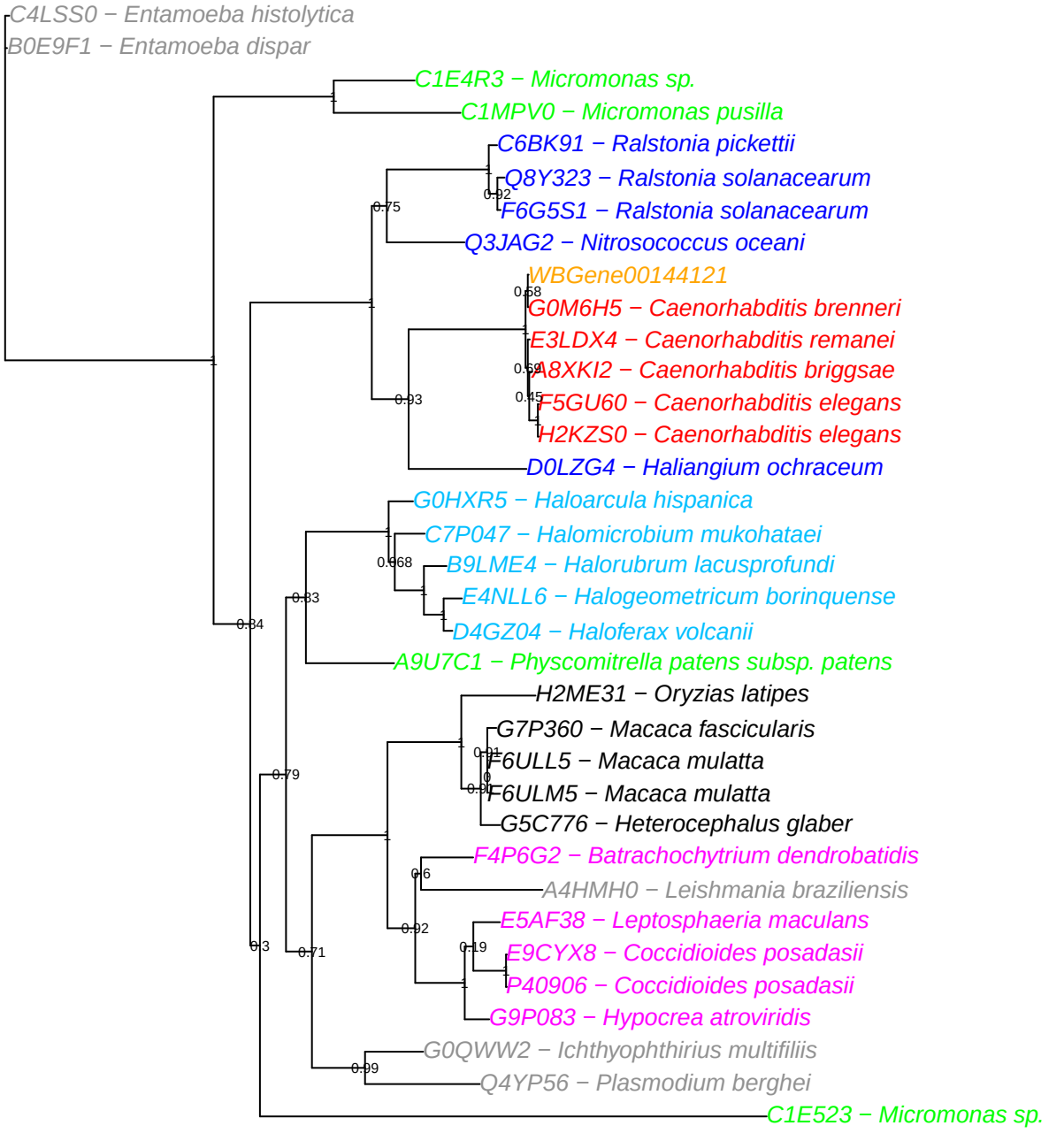

A0EB14 − Paramecium tetraurelia
A0BPZ8 − Paramecium tetraurelia
A0D6K6 − Paramecium tetraurelia
A0CI83 − Paramecium tetraurelia
B3RL15 − Trichoplax adhaerens
B3RX41 − Trichoplax adhaerens
A8WTK6 − Caenorhabditis briggsae
WBGene00144983
G0PDD8 − Caenorhabditis brenneri
G0NR66 − Caenorhabditis brenneri
E3LH79 − Caenorhabditis remanei
O62271 − Caenorhabditis elegans
D0LYR8 − Haliangium ochraceum
Q098G8 − Stigmatella aurantiaca
F8CCS6 − Myxococcus fulvus
Q1DFS0 − Myxococcus xanthus
G2LLC7 − Chloracidobacterium thermophilum
0
0.95
1
0.99
0.62
1
0.96
0.5
0.88
0.88
1
0.97
0.65

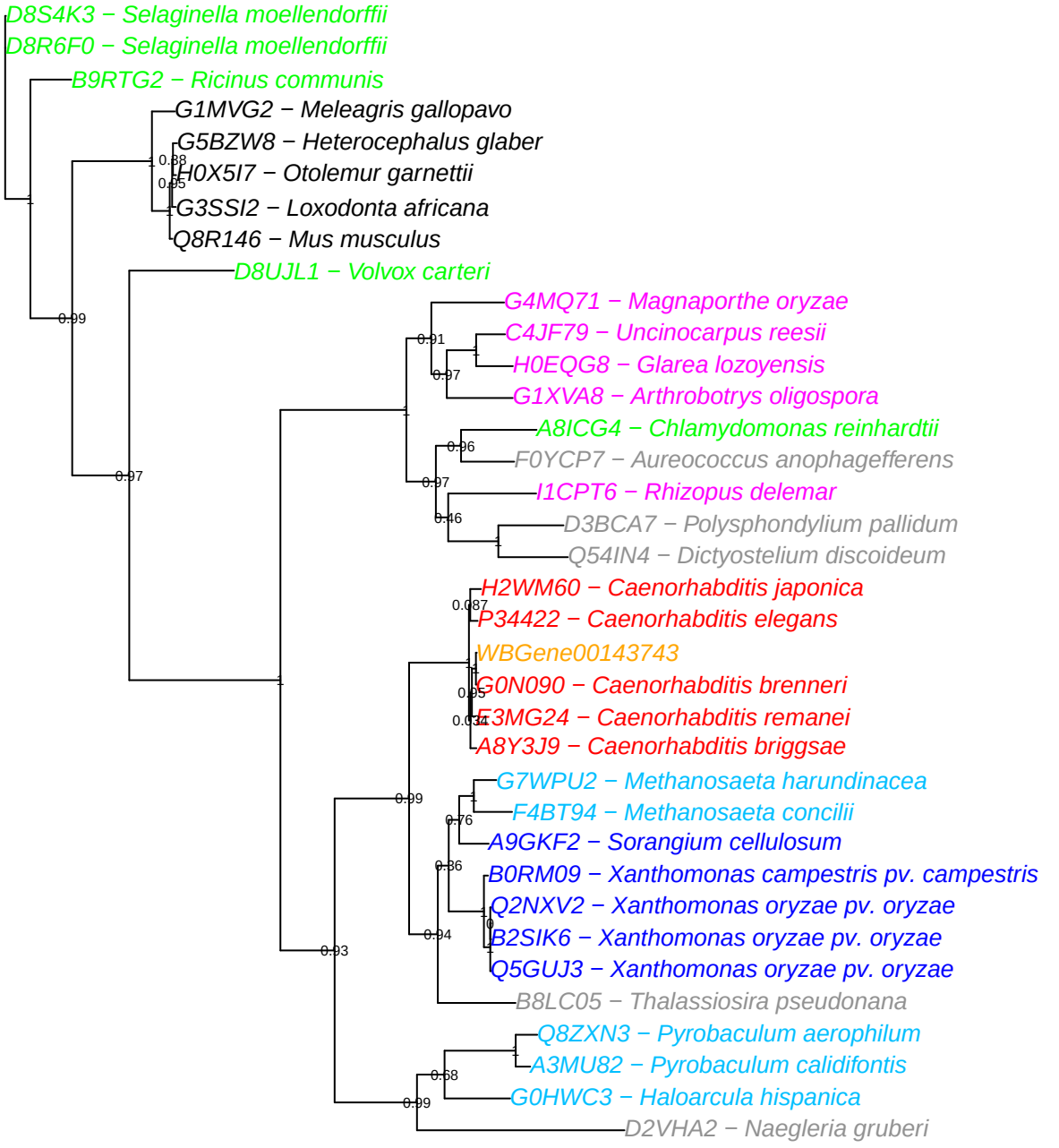

Q1DAF0 − Myxococcus xanthus
F8CGH3 − Myxococcus fulvus
G2Z634 − Flavobacterium branchiophilum
E3MTQ6 − Caenorhabditis remanei
A8Y4R2 − Caenorhabditis briggsae
Q9XWZ6 − Caenorhabditis elegans
G0N8H9 − Caenorhabditis brenneri
WBGene00144825
G0N8I4 − Caenorhabditis brenneri
A4YWU4 − Bradyrhizobium sp.
Q0ID90 − Synechococcus sp.
H2ZK75 − Ciona savignyi
B3RU73 − Trichoplax adhaerens
F9GBD2 − Fusarium oxysporum
C7ZFP3 − Nectria haematococca
G9NBL0 − Hypocrea virens
B8MSJ8 − Talaromyces stipitatus
O57889 − Pyrococcus horikoshii
Q9V2D6 − Pyrococcus abyssi
F4HLF8 − Pyrococcus sp.
A8MA37 − Caldivirga maquilingensis
F0QYU3 − Vulcanisaeta moutnovskia
B9TEE0 − Ricinus communis
E9ERC5 − Metarhizium anisopliae
F1A4X7 − Dictyostelium purpureum
C7G020 − Dictyostelium discoideum
D3BQV9 − Polysphondylium pallidum
D3BQW0 − Polysphondylium pallidum
F4Q146 − Dictyostelium fasciculatum
0.75
0.83
1
1
0
0
0.57
0.672
0.25
0.63
1
0.95
1
0.98
0.8
0.97
0.98
0.99
0.97
0.91
0.83
0.89
1
0.79
0.88

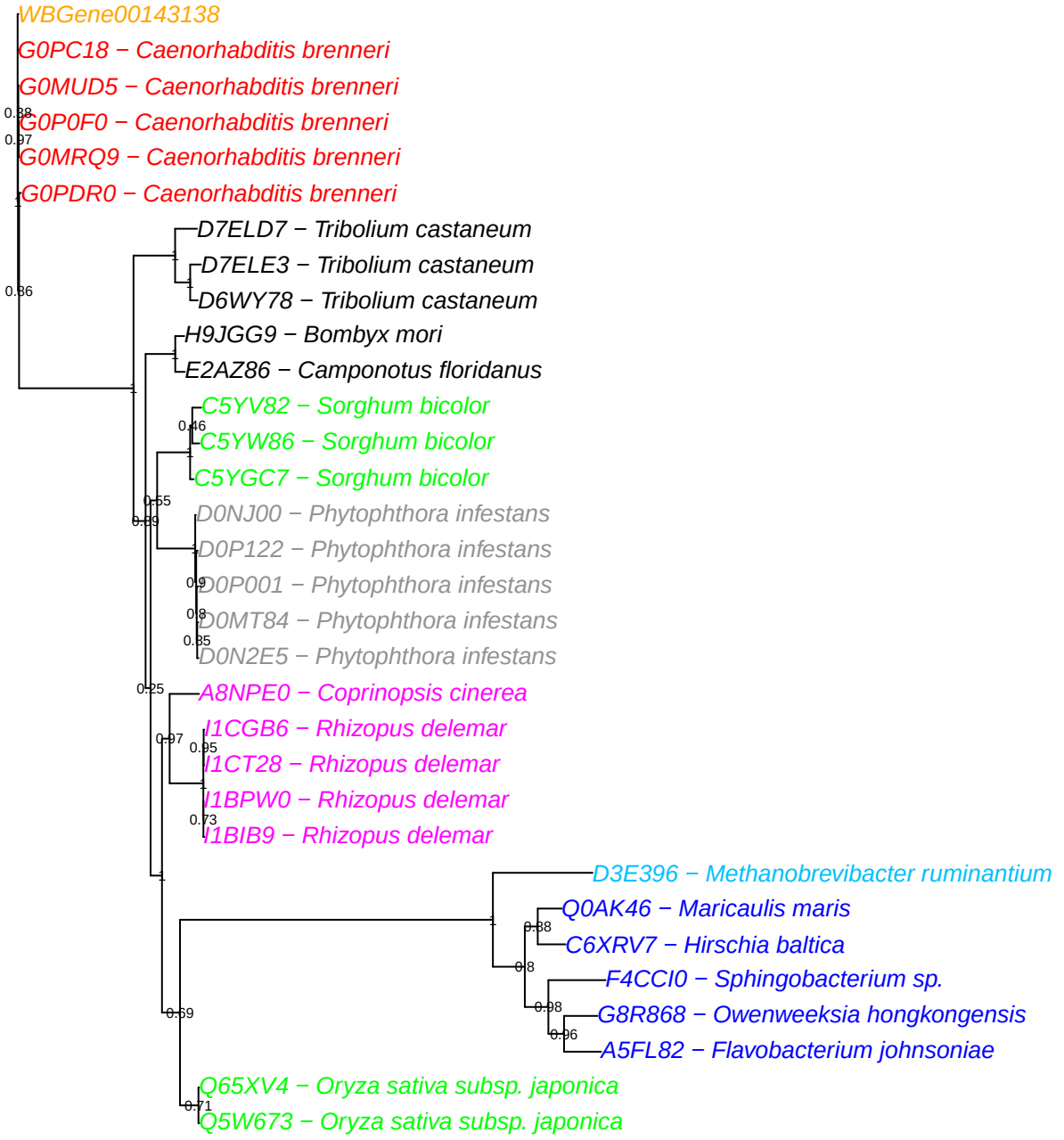

G1NP20 − Meleagris gallopavo
E1BYG4 − Gallus gallus
H0Z5Y4 − Taeniopygia guttata
Q16YQ7 − Aedes aegypti
B0X072 − Culex quinquefasciatus
E0RTK0 − Spirochaeta thermophila
WBGene00144789
G0P3M7 − Caenorhabditis brenneri
E3NIU0 − Caenorhabditis remanei
A8WP61 − Caenorhabditis briggsae
O45679 − Caenorhabditis elegans
H2VW33 − Caenorhabditis japonica
F6D3Q0 − Methanobacterium sp.
D3E4N0 − Methanobrevibacter ruminantium
Q8TMD8 − Methanosarcina acetivorans
D7EA39 − Methanohalobium evestigatum
F7XL40 − Methanosalsum zhilinae
E0U808 − Cyanothece sp.
Q3MG08 − Anabaena variabilis
C1F337 − Acidobacterium capsulatum
B7S487 − Phaeodactylum tricornutum
B8BUL0 − Thalassiosira pseudonana
D7G5F6 − Ectocarpus siliculosus
Q1IPV3 − Koribacter versatilis
A8ISB0 − Chlamydomonas reinhardtii
A8ISA9 − Chlamydomonas reinhardtii
Q10CX6 − Oryza sativa subsp. japonica
Q9XEA8 − Oryza sativa subsp. japonica
A9RMD3 − Physcomitrella patens subsp. patens
D2VTF3 − Naegleria gruberi
G4ZT05 − Phytophthora sojae
0.78
0.9
0.99
0.98
0.43
0.97
0.96
1
1
1
0.92
0.99
0.3
1
0.91
0.99
0.88
1
1
0.022
0.98
0.57
0.71
0.97
1
0.94
0.62
0.86

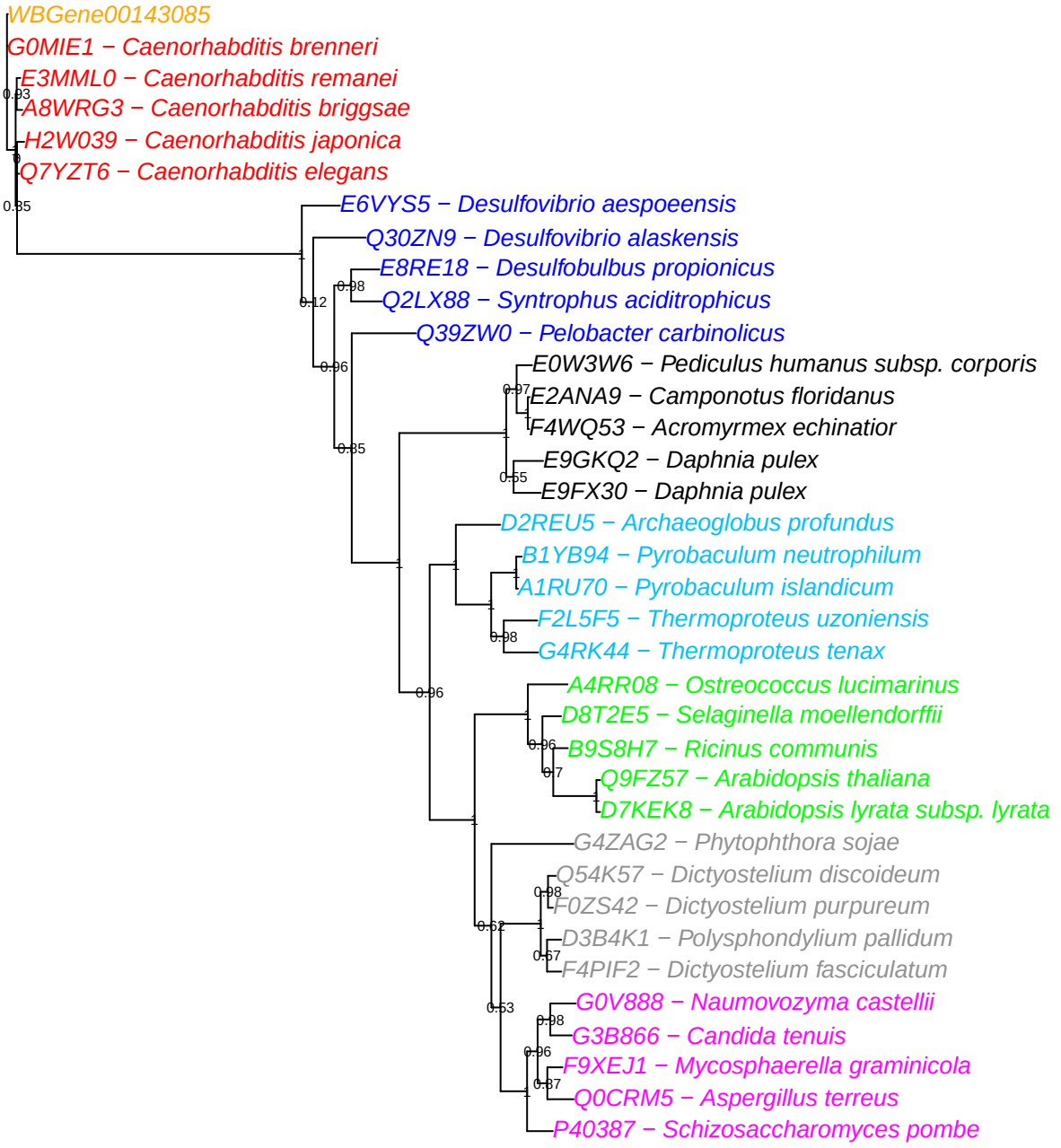

F2UDI5 − Salpingoeca rosetta
F2UDJ6 − Salpingoeca rosetta
F2UK53 − Salpingoeca rosetta
F2UT45 − Salpingoeca rosetta
E9FAB7 − Metarhizium anisopliae
F4P543 − Batrachochytrium dendrobatidis
F4P7Q7 − Batrachochytrium dendrobatidis
F4PG32 − Batrachochytrium dendrobatidis
F4NVT9 − Batrachochytrium dendrobatidis
I1I0Y3 − Brachypodium distachyon
A8KZX1 − Frankia sp.
Q8FPM1 − Corynebacterium efficiens
F7CL37 − Xenopus tropicalis
G3TGJ7 − Loxodonta africana
H2ZM86 − Ciona savignyi
H2ZM85 − Ciona savignyi
H2ZM84 − Ciona savignyi
Q95XC6 − Caenorhabditis elegans
G0P8V1 − Caenorhabditis brenneri
WBGene00144734
G0N9V6 − Caenorhabditis brenneri
E3MS61 − Caenorhabditis remanei
A8WZV4 − Caenorhabditis briggsae
Q1AUN4 − Rubrobacter xylanophilus
G8RZT5 − Actinoplanes sp.
Q2Y722 − Nitrosospira multiformis
D3BV93 − Polysphondylium pallidum
1
0.82
0.97
0.88
0.28
0.95
0.21
0.99
0.94
0.98
0.98
0.86
0.96
0.89
0.88
0.99
0.685
0.96
0.56

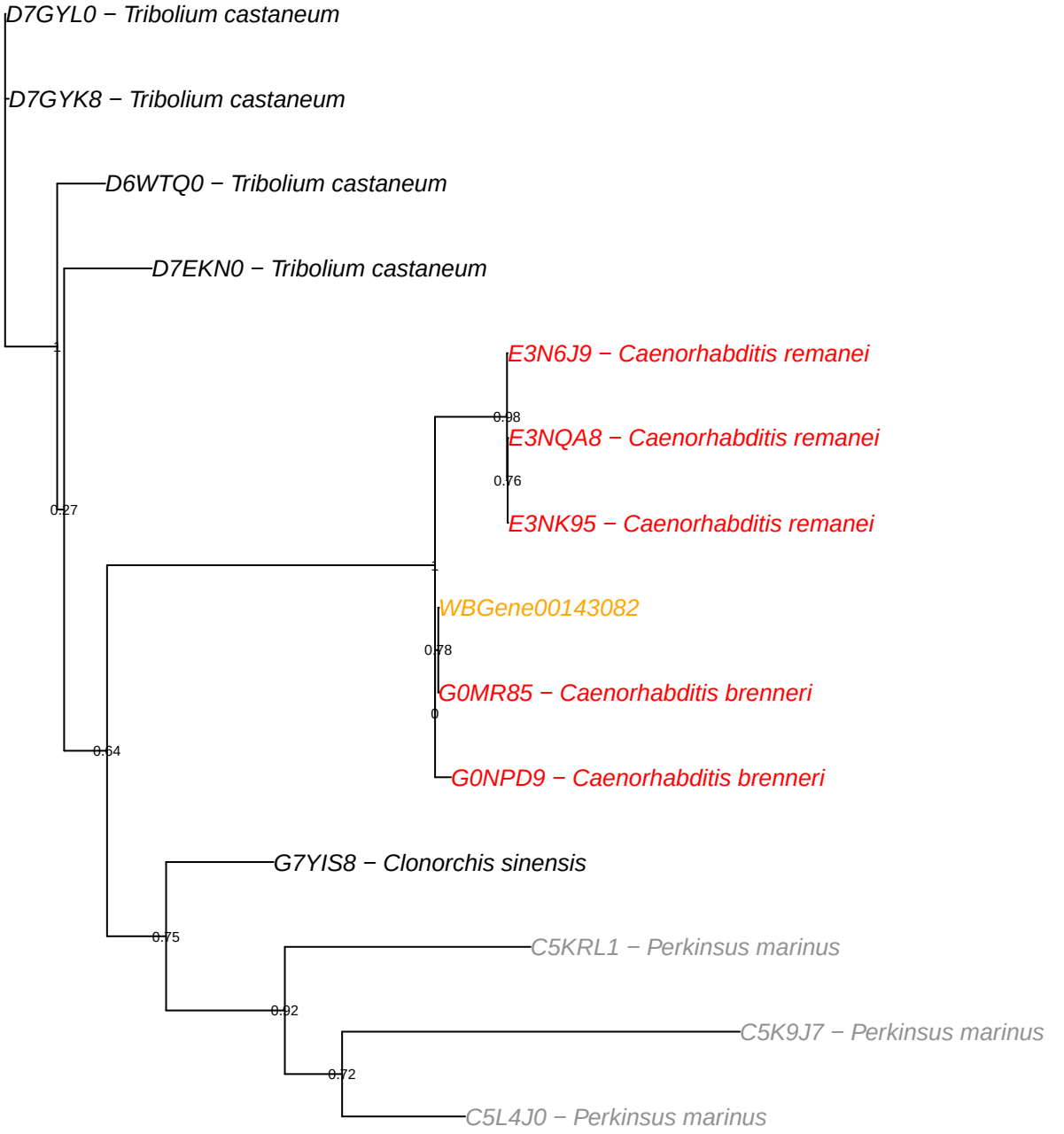

Q9ZPW6 − Arabidopsis thaliana
F4IQI5 − Arabidopsis thaliana
F4JQF1 − Arabidopsis thaliana
Q8S7U3 − Oryza sativa subsp. japonica
A9SG80 − Physcomitrella patens subsp. patens
Q5UZH2 − Haloarcula marismortui
B9LQQ9 − Halorubrum lacusprofundi
G6CQ56 − Danaus plexippus
F7DNE7 − Monodelphis domestica
G5BZ99 − Heterocephalus glaber
O88492 − Mus musculus
G1L582 − Ailuropoda melanoleuca
D2S3Q3 − Haloterrigena turkmenica
D5UUE4 − Tsukamurella paurometabola
Q0I488 − Histophilus somni
F6CQV0 − Desulfotomaculum kuznetsovii
C6AAI7 − Bartonella grahamii
A9IYI3 − Bartonella tribocorum
B7G4K4 − Phaeodactylum tricornutum
H0EXP5 − Glarea lozoyensis
F4QEI8 − Dictyostelium fasciculatum
E4ZXE1 − Leptosphaeria maculans
F0VRU8 − Neospora caninum
E9CE16 − Capsaspora owczarzaki
A8WYJ1 − Caenorhabditis briggsae
WBGene00144239
G0NF78 − Caenorhabditis brenneri
G0PIE3 − Caenorhabditis brenneri
E3LIT5 − Caenorhabditis remanei
E3LIT3 − Caenorhabditis remanei
E9CGY9 − Capsaspora owczarzaki
Q6C800 − Yarrowia lipolytica
Q4PIC9 − Ustilago maydis
E6ZJM5 − Sporisorium reilianum


C4LSS0 − Entamoeba histolytica
B0E9F1 − Entamoeba dispar
C1E4R3 − Micromonas sp.
C1MPV0 − Micromonas pusilla
C6BK91 − Ralstonia pickettii
Q8Y323 − Ralstonia solanacearum
F6G5S1 − Ralstonia solanacearum
Q3JAG2 − Nitrosococcus oceani
WBGene00144121
G0M6H5 − Caenorhabditis brenneri
E3LDX4 − Caenorhabditis remanei
A8XKI2 − Caenorhabditis briggsae
F5GU60 − Caenorhabditis elegans
H2KZS0 − Caenorhabditis elegans
D0LZG4 − Haliangium ochraceum
G0HXR5 − Haloarcula hispanica
C7P047 − Halomicrobium mukohataei
B9LME4 − Halorubrum lacusprofundi
E4NLL6 − Halogeometricum borinquense
D4GZ04 − Haloferax volcanii
A9U7C1 − Physcomitrella patens subsp. patens
H2ME31 − Oryzias latipes
G7P360 − Macaca fascicularis
F6ULL5 − Macaca mulatta
F6ULM5 − Macaca mulatta
G5C776 − Heterocephalus glaber
F4P6G2 − Batrachochytrium dendrobatidis
A4HMH0 − Leishmania braziliensis
E5AF38 − Leptosphaeria maculans
E9CYX8 − Coccidioides posadasii
P40906 − Coccidioides posadasii
G9P083 − Hypocrea atroviridis
G0QWW2 − Ichthyophthirius multifiliis
Q4YP56 − Plasmodium berghei
C1E523 − Micromonas sp.
0.92
0.75
0.68
0.93
0.968
0.83
0.84
0.91
0.79
0.6
0.92
0.3
0.71
0.19
0.99


D8S4K3 − Selaginella moellendorffii
D8R6F0 − Selaginella moellendorffii
B9RTG2 − Ricinus communis
G1MVG2 − Meleagris gallopavo
G5BZW8 − Heterocephalus glaber
H0X5I7 − Otolemur garnettii
G3SSI2 − Loxodonta africana
Q8R146 − Mus musculus
D8UJL1 − Volvox carteri
G4MQ71 − Magnaporthe oryzae
C4JF79 − Uncinocarpus reesii
H0EQG8 − Glarea lozoyensis
G1XVA8 − Arthrobotrys oligospora
A8ICG4 − Chlamydomonas reinhardtii
F0YCP7 − Aureococcus anophagefferens
I1CPT6 − Rhizopus delemar
D3BCA7 − Polysphondylium pallidum
Q54IN4 − Dictyostelium discoideum
H2WM60 − Caenorhabditis japonica
P34422 − Caenorhabditis elegans
WBGene00143743
G0N090 − Caenorhabditis brenneri
E3MG24 − Caenorhabditis remanei
A8Y3J9 − Caenorhabditis briggsae
G7WPU2 − Methanosaeta harundinacea
F4BT94 − Methanosaeta concilii
A9GKF2 − Sorangium cellulosum
B0RM09 − Xanthomonas campestris pv. campestris
Q2NXV2 − Xanthomonas oryzae pv. oryzae
B2SIK6 − Xanthomonas oryzae pv. oryzae
Q5GUJ3 − Xanthomonas oryzae pv. oryzae
B8LC05 − Thalassiosira pseudonana
Q8ZXN3 − Pyrobaculum aerophilum
A3MU82 − Pyrobaculum calidifontis
G0HWC3 − Haloarcula hispanica
D2VHA2 − Naegleria gruberi
0.88
0.95
0.99
0.97
0.91
0.97
0.96
0.97
0.46
0.087
0.95
0.034
0.99
0.76
0.86
0.94
0.93
0.68
0.99


WBGene00143138
G0PC18 − Caenorhabditis brenneri
G0MUD5 − Caenorhabditis brenneri
G0P0F0 − Caenorhabditis brenneri
G0MRQ9 − Caenorhabditis brenneri
G0PDR0 − Caenorhabditis brenneri
D7ELD7 − Tribolium castaneum
D7ELE3 − Tribolium castaneum
D6WY78 − Tribolium castaneum
H9JGG9 − Bombyx mori
E2AZ86 − Camponotus floridanus
C5YV82 − Sorghum bicolor
C5YW86 − Sorghum bicolor
C5YGC7 − Sorghum bicolor
D0NJ00 − Phytophthora infestans
D0P122 − Phytophthora infestans
D0P001 − Phytophthora infestans
D0MT84 − Phytophthora infestans
D0N2E5 − Phytophthora infestans
A8NPE0 − Coprinopsis cinerea
I1CGB6 − Rhizopus delemar
I1CT28 − Rhizopus delemar
I1BPW0 − Rhizopus delemar
I1BIB9 − Rhizopus delemar
D3E396 − Methanobrevibacter ruminantium
Q0AK46 − Maricaulis maris
C6XRV7 − Hirschia baltica
F4CCI0 − Sphingobacterium sp.
G8R868 − Owenweeksia hongkongensis
A5FL82 − Flavobacterium johnsoniae
Q65XV4 − Oryza sativa subsp. japonica
Q5W673 − Oryza sativa subsp. japonica
0.38
0.97
1
0.96
1
0.46
0.55
0.89
0.9
0.8
0.85
0.25
0.97
0.95
0.73
1
1
0.88
0.8
0.98
0.96
0.59
0.71


WBGene00143085
G0MIE1 − Caenorhabditis brenneri
E3MML0 − Caenorhabditis remanei
A8WRG3 − Caenorhabditis briggsae
H2W039 − Caenorhabditis japonica
Q7YZT6 − Caenorhabditis elegans
E6VYS5 − Desulfovibrio aespoeensis
Q30ZN9 − Desulfovibrio alaskensis
E8RE18 − Desulfobulbus propionicus
Q2LX88 − Syntrophus aciditrophicus
Q39ZW0 − Pelobacter carbinolicus
E0W3W6 − Pediculus humanus subsp. corporis
E2ANA9 − Camponotus floridanus
F4WQ53 − Acromyrmex echinatior
E9GKQ2 − Daphnia pulex
E9FX30 − Daphnia pulex
D2REU5 − Archaeoglobus profundus
B1YB94 − Pyrobaculum neutrophilum
A1RU70 − Pyrobaculum islandicum
F2L5F5 − Thermoproteus uzoniensis
G4RK44 − Thermoproteus tenax
A4RR08 − Ostreococcus lucimarinus
D8T2E5 − Selaginella moellendorffii
B9S8H7 − Ricinus communis
Q9FZ57 − Arabidopsis thaliana
D7KEK8 − Arabidopsis lyrata subsp. lyrata
G4ZAG2 − Phytophthora sojae
Q54K57 − Dictyostelium discoideum
F0ZS42 − Dictyostelium purpureum
D3B4K1 − Polysphondylium pallidum
F4PIF2 − Dictyostelium fasciculatum
G0V888 − Naumovozyma castellii
G3B866 − Candida tenuis
F9XEJ1 − Mycosphaerella graminicola
Q0CRM5 − Aspergillus terreus
P40387 − Schizosaccharomyces pombe
0.93
0.85
0.98
0.12
0.96
0.97
0.85
0.55
0.98
0.96
0.96
0.7
0.98
0.62
0.67
0.53
0.98
0.96
0.87


D7GYL0 − Tribolium castaneum
D7GYK8 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D7EKN0 − Tribolium castaneum
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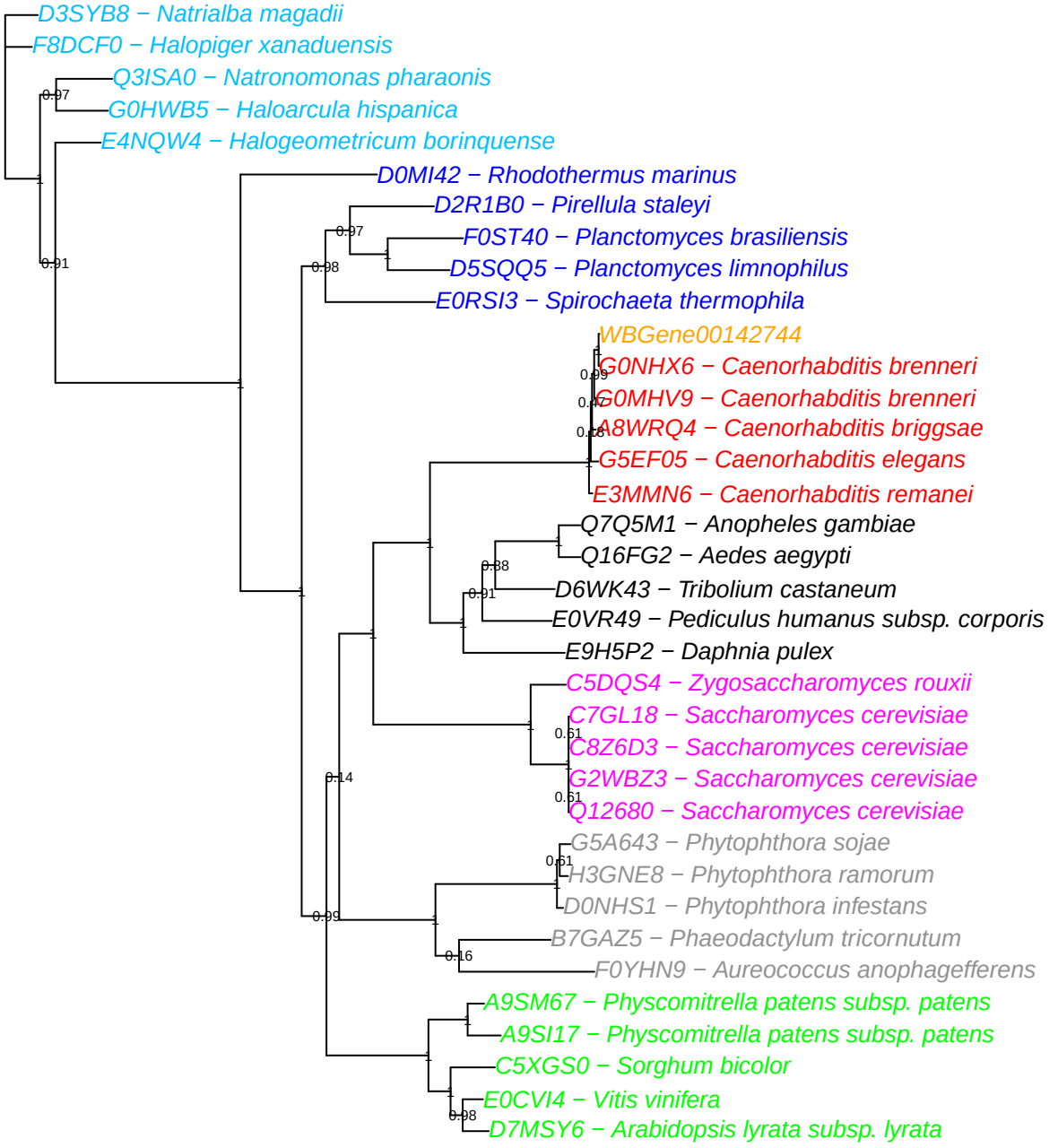
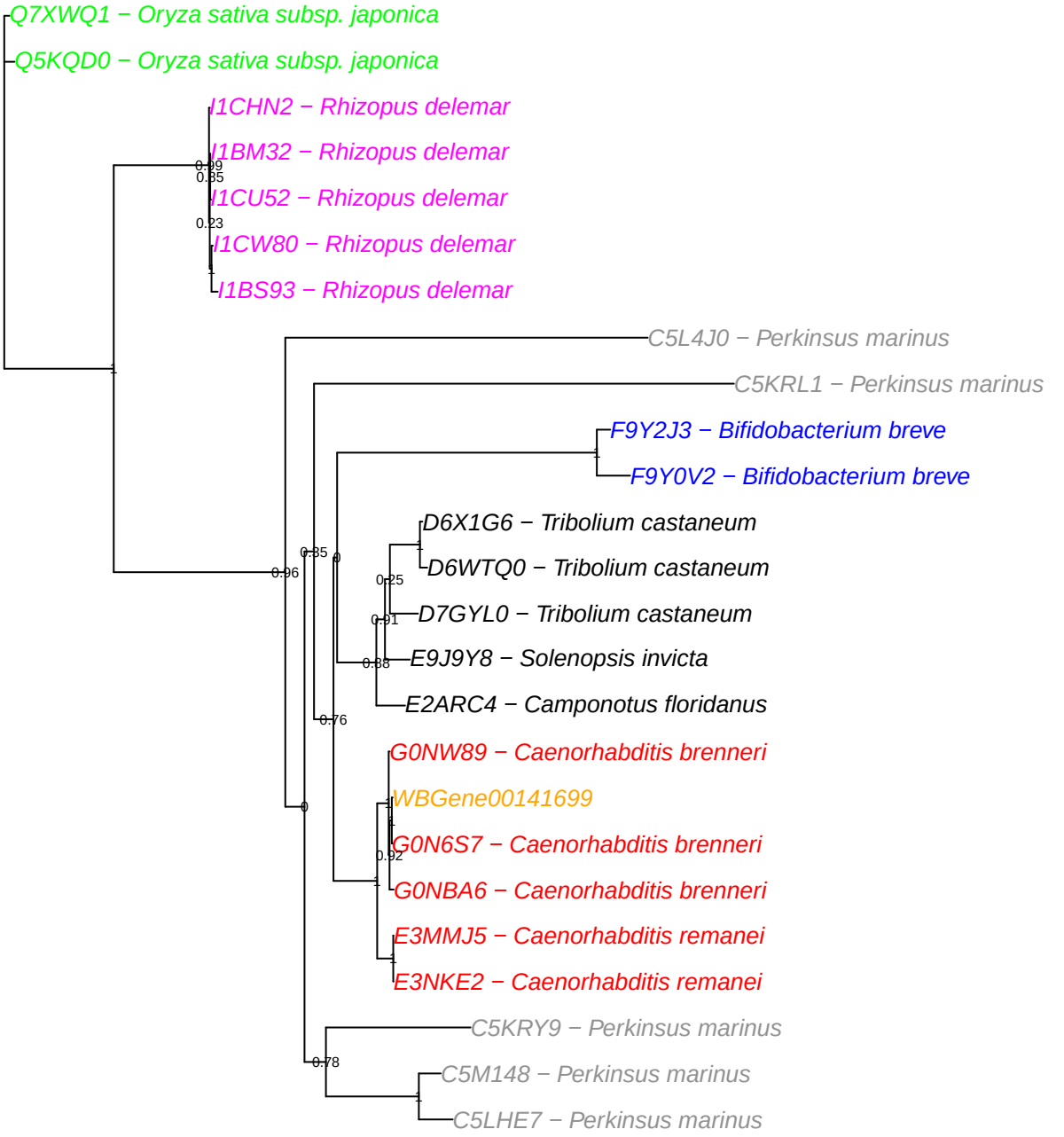
E3N6J9 − Caenorhabditis remanei
0.98
E3NQA8 − Caenorhabditis remanei
0.76
E3NK95 − Caenorhabditis remanei
0.27
1
WBGene00143082
0.78
G0MR85 − Caenorhabditis brenneri
0
G0NPD9 − Caenorhabditis brenneri
0.64
G7YIS8 − Clonorchis sinensis
0.75
C5KRL1 − Perkinsus marinus
0.92
C5K9J7 − Perkinsus marinus
0.72
C5L4J0 − Perkinsus marinus


D3SYB8 − Natrialba magadii
F8DCF0 − Halopiger xanaduensis
Q3ISA0 − Natronomonas pharaonis
G0HWB5 − Haloarcula hispanica
E4NQW4 − Halogeometricum borinquense
D0MI42 − Rhodothermus marinus
D2R1B0 − Pirellula staleyi
F0ST40 − Planctomyces brasiliensis
D5SQQ5 − Planctomyces limnophilus
E0RSI3 − Spirochaeta thermophila
WBGene00142744
G0NHX6 − Caenorhabditis brenneri
G0MHV9 − Caenorhabditis brenneri
A8WRQ4 − Caenorhabditis briggsae
G5EF05 − Caenorhabditis elegans
E3MMN6 − Caenorhabditis remanei
Q7Q5M1 − Anopheles gambiae
Q16FG2 − Aedes aegypti
D6WK43 − Tribolium castaneum
E0VR49 − Pediculus humanus subsp. corporis
E9H5P2 − Daphnia pulex
C5DQS4 − Zygosaccharomyces rouxii
C7GL18 − Saccharomyces cerevisiae
C8Z6D3 − Saccharomyces cerevisiae
G2WBZ3 − Saccharomyces cerevisiae
Q12680 − Saccharomyces cerevisiae
G5A643 − Phytophthora sojae
H3GNE8 − Phytophthora ramorum
D0NHS1 − Phytophthora infestans
B7GAZ5 − Phaeodactylum tricornutum
F0YHN9 − Aureococcus anophagefferens
A9SM67 − Physcomitrella patens subsp. patens
A9SI17 − Physcomitrella patens subsp. patens
C5XGS0 − Sorghum bicolor
E0CVI4 − Vitis vinifera
D7MSY6 − Arabidopsis lyrata subsp. lyrata
0.97
0.91
0.97
0.98
0.99
0.88
0.91
0.61
0.14
0.61
0.61
0.99
0.16
0.98


Q7XWQ1 − Oryza sativa subsp. japonica
Q5KQD0 − Oryza sativa subsp. japonica
I1CHN2 − Rhizopus delemar
I1BM32 − Rhizopus delemar
I1CU52 − Rhizopus delemar
I1CW80 − Rhizopus delemar
I1BS93 − Rhizopus delemar
C5L4J0 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
F9Y2J3 − Bifidobacterium breve
F9Y0V2 − Bifidobacterium breve
D6X1G6 − Tribolium castaneum
D6WTQ0 − Tribolium castaneum
D7GYL0 − Tribolium castaneum
E9J9Y8 − Solenopsis invicta
E2ARC4 − Camponotus floridanus
G0NW89 − Caenorhabditis brenneri
WBGene00141699
G0N6S7 − Caenorhabditis brenneri
G0NBA6 − Caenorhabditis brenneri
E3MMJ5 − Caenorhabditis remanei
E3NKE2 − Caenorhabditis remanei
C5KRY9 − Perkinsus marinus
C5M148 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
0.99
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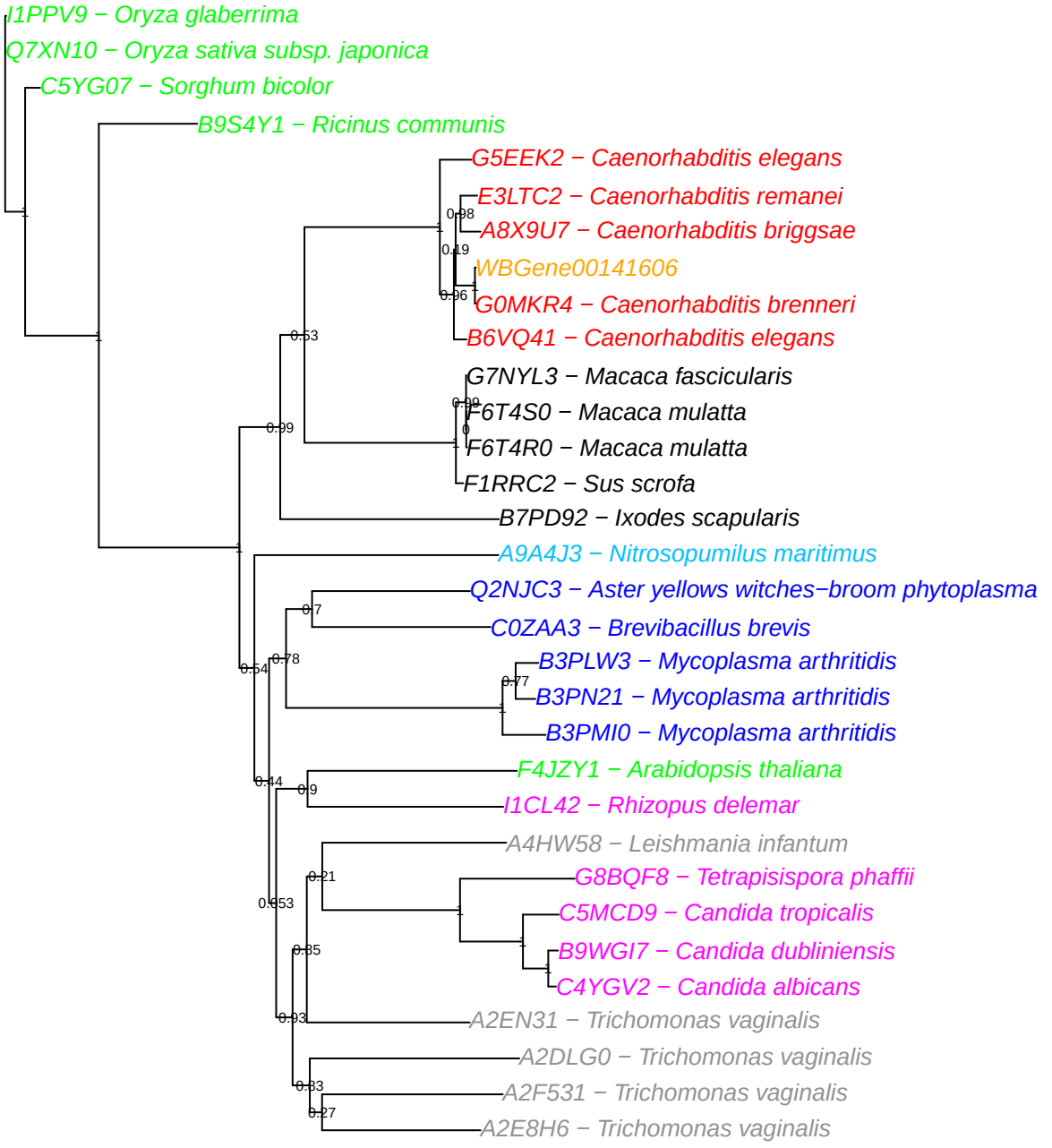
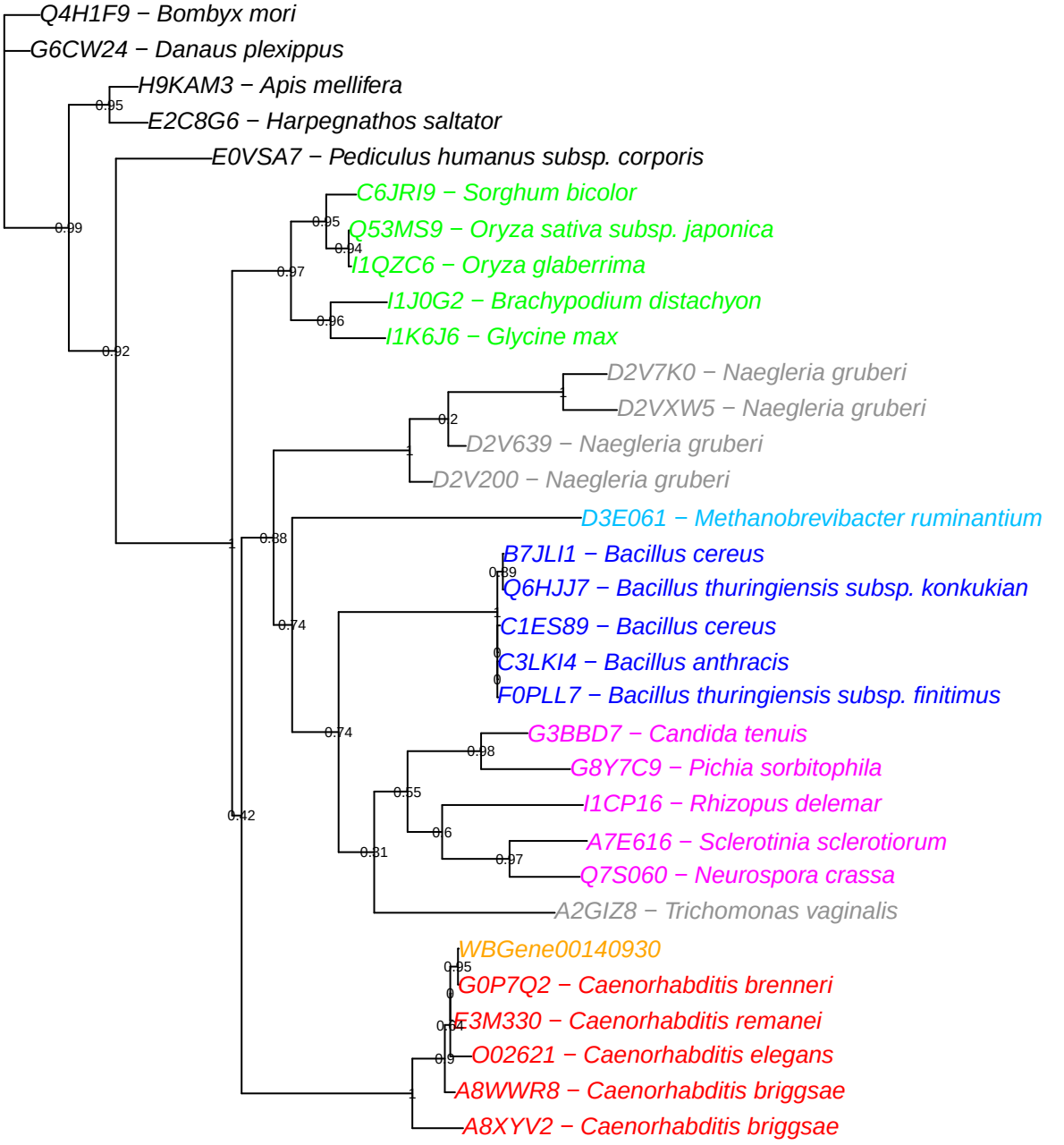
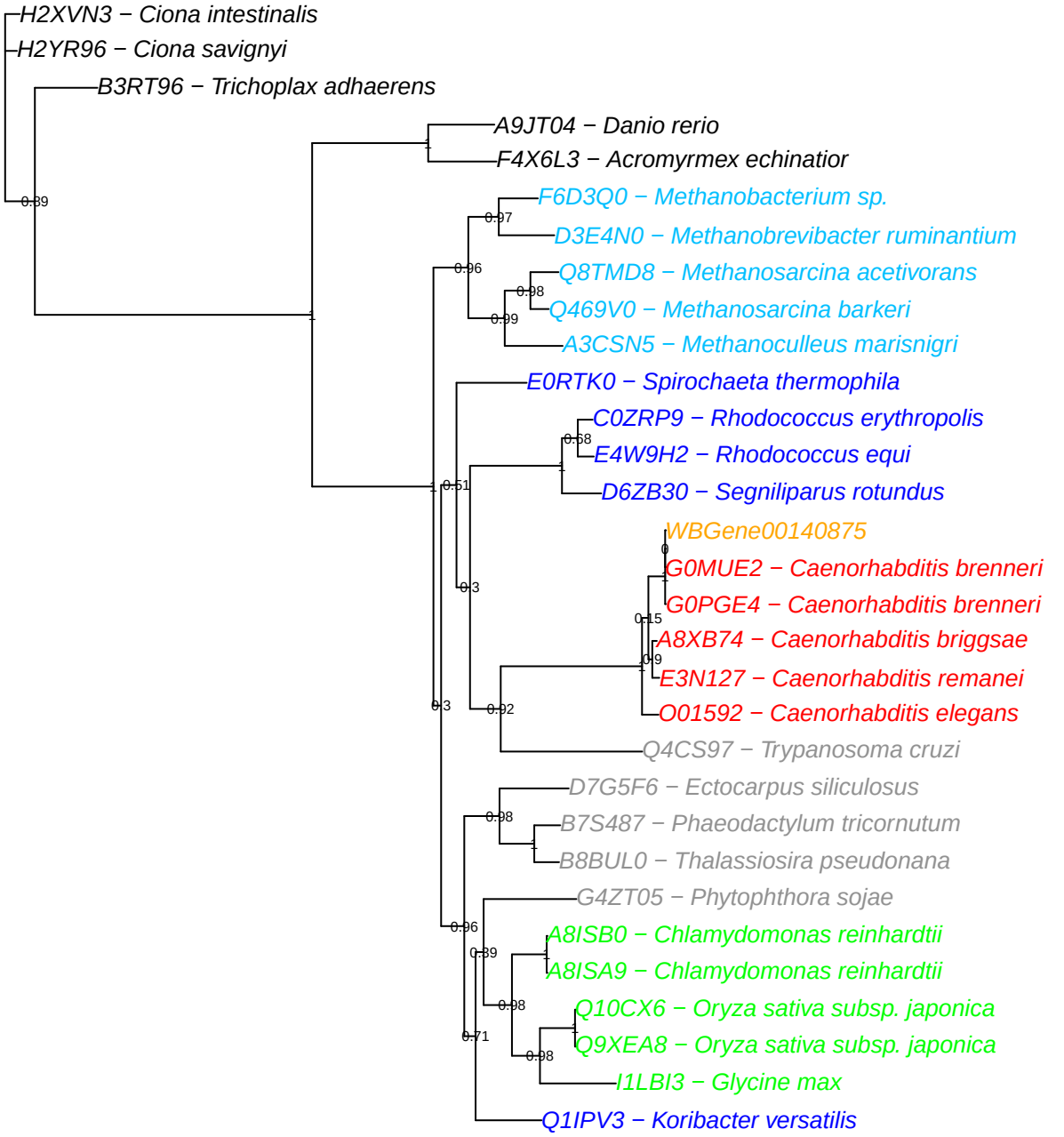
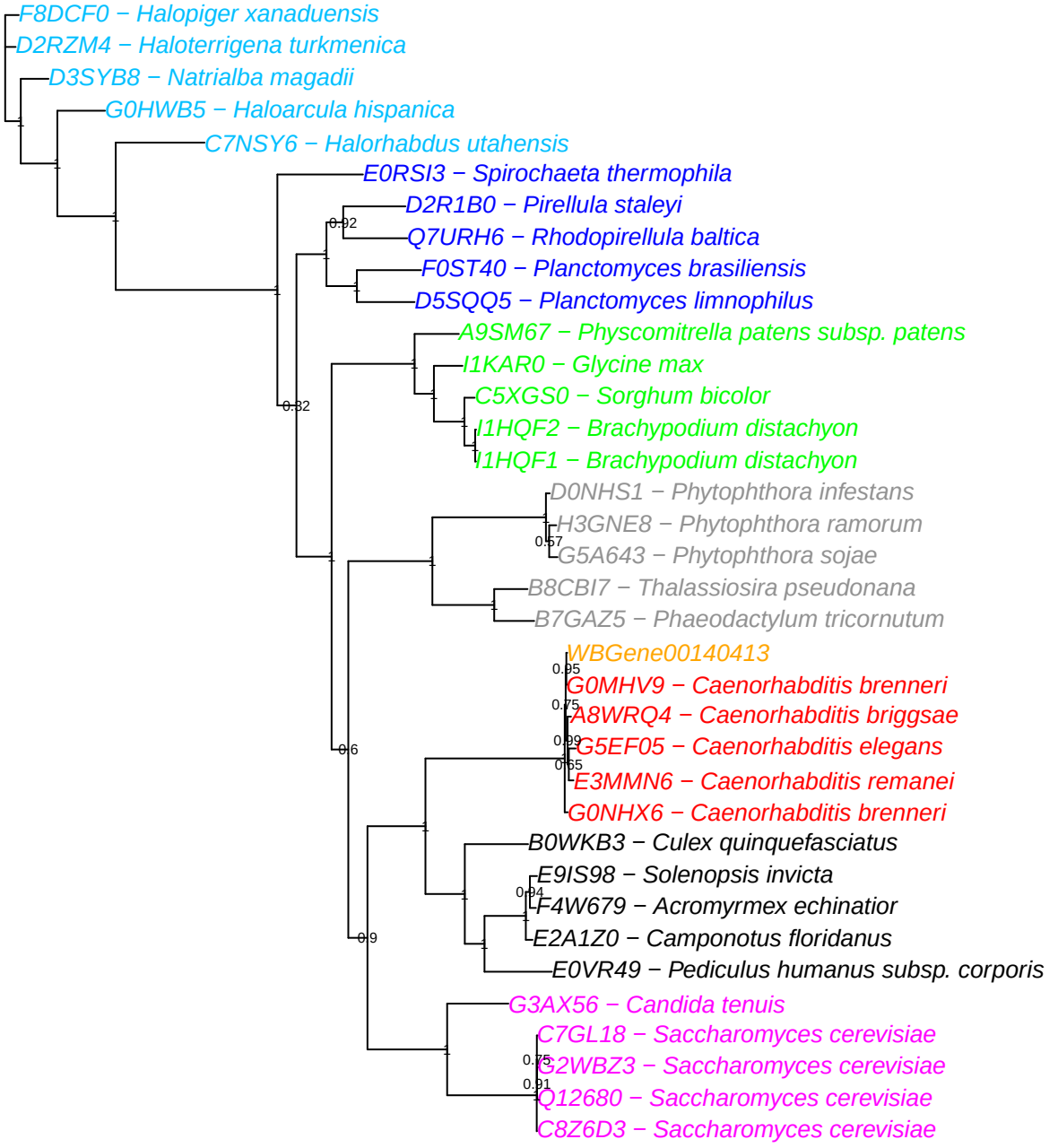
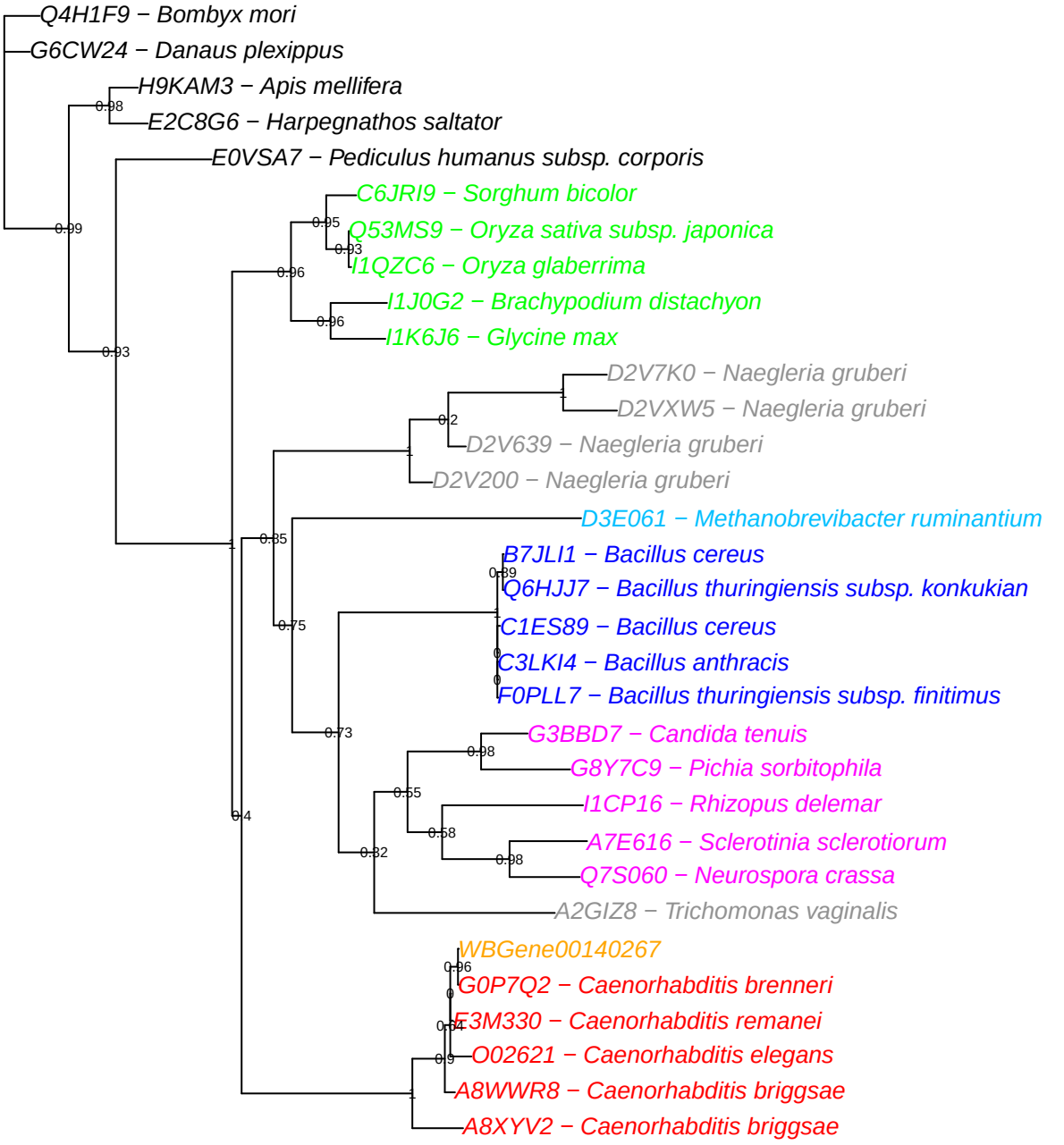
0.96
0.35
0
0.25
0.91
0.88
0.76
0
0.92
0.78

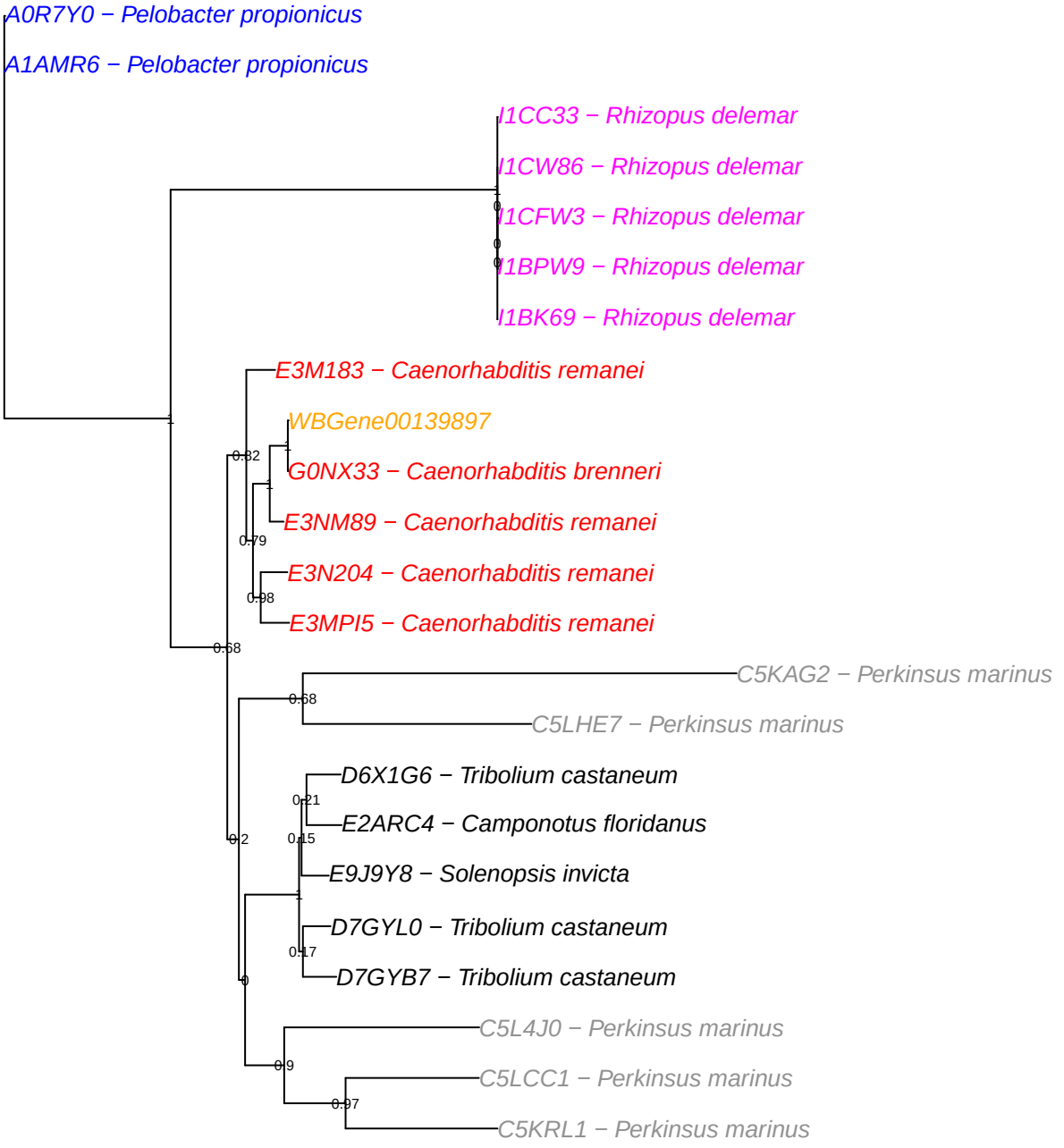

I1PPV9 − Oryza glaberrima
Q7XN10 − Oryza sativa subsp. japonica
C5YG07 − Sorghum bicolor
B9S4Y1 − Ricinus communis
G5EEK2 − Caenorhabditis elegans
E3LTC2 − Caenorhabditis remanei
A8X9U7 − Caenorhabditis briggsae
WBGene00141606
G0MKR4 − Caenorhabditis brenneri
B6VQ41 − Caenorhabditis elegans
G7NYL3 − Macaca fascicularis
F6T4S0 − Macaca mulatta
F6T4R0 − Macaca mulatta
F1RRC2 − Sus scrofa
B7PD92 − Ixodes scapularis
A9A4J3 − Nitrosopumilus maritimus
Q2NJC3 − Aster yellows witches−broom phytoplasma
C0ZAA3 − Brevibacillus brevis
B3PLW3 − Mycoplasma arthritidis
B3PN21 − Mycoplasma arthritidis
B3PMI0 − Mycoplasma arthritidis
F4JZY1 − Arabidopsis thaliana
I1CL42 − Rhizopus delemar
A4HW58 − Leishmania infantum
G8BQF8 − Tetrapisispora phaffii
C5MCD9 − Candida tropicalis
B9WGI7 − Candida dubliniensis
C4YGV2 − Candida albicans
A2EN31 − Trichomonas vaginalis
A2DLG0 − Trichomonas vaginalis
A2F531 − Trichomonas vaginalis
A2E8H6 − Trichomonas vaginalis

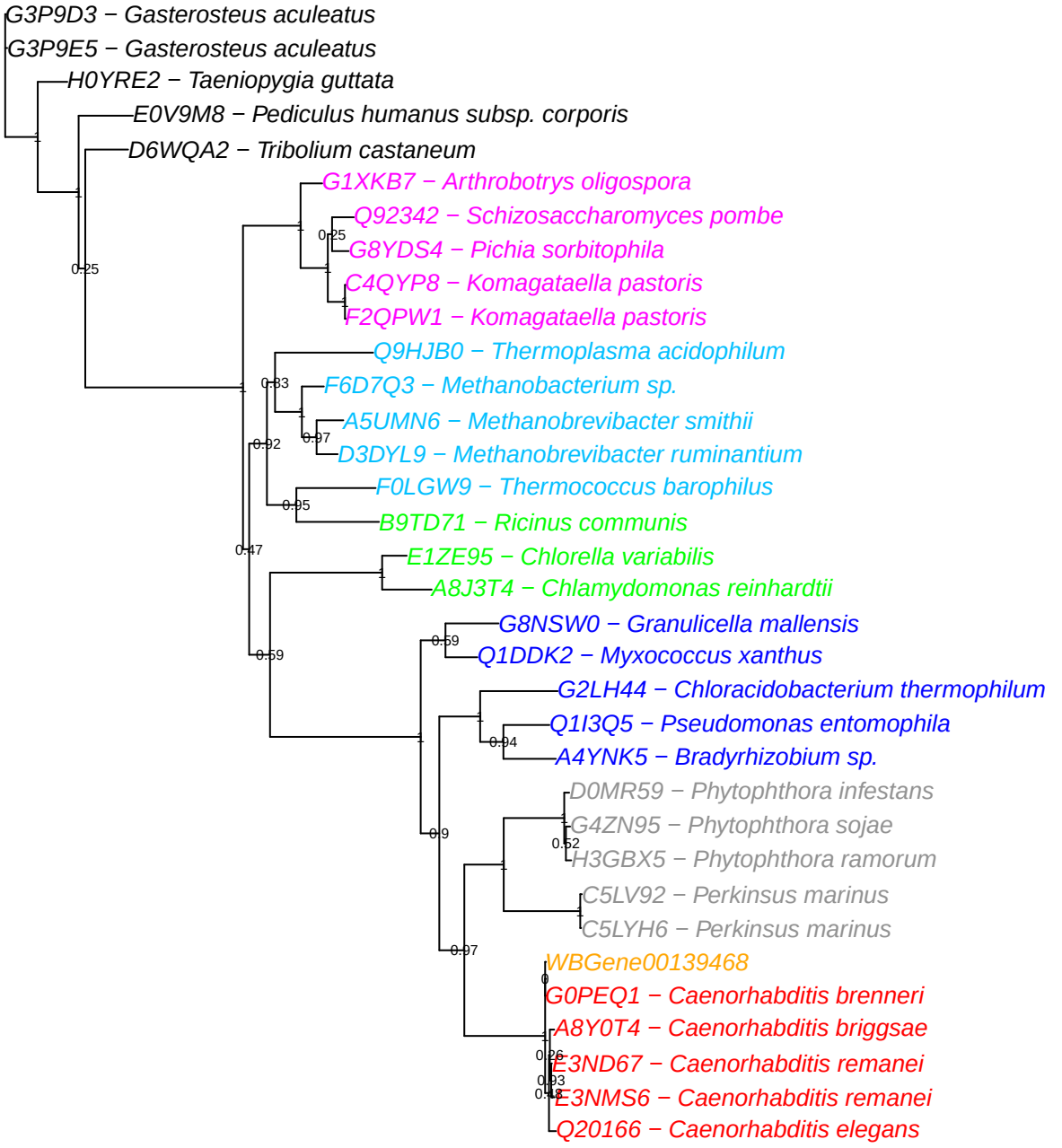

Q4H1F9 − Bombyx mori
G6CW24 − Danaus plexippus
H9KAM3 − Apis mellifera
0.95
E2C8G6 − Harpegnathos saltator
E0VSA7 − Pediculus humanus subsp. corporis
C6JRI9 − Sorghum bicolor
0.95
Q53MS9 − Oryza sativa subsp. japonica
0.94
I1QZC6 − Oryza glaberrima
0.99
0.97
I1J0G2 − Brachypodium distachyon
0.96
I1K6J6 − Glycine max
0.92
D2V7K0 − Naegleria gruberi
1
D2VXW5 − Naegleria gruberi
0.2
D2V639 − Naegleria gruberi
1
D2V200 − Naegleria gruberi
D3E061 − Methanobrevibacter ruminantium
1
0.88
B7JLI1 − Bacillus cereus
0.89
Q6HJJ7 − Bacillus thuringiensis subsp. konkukian
1
C1ES89 − Bacillus cereus
0.74
0
C3LKI4 − Bacillus anthracis
0
F0PLL7 − Bacillus thuringiensis subsp. finitimus
0.74
G3BBD7 − Candida tenuis
0.98
G8Y7C9 − Pichia sorbitophila
0.55
I1CP16 − Rhizopus delemar
0.42
0.6
A7E616 − Sclerotinia sclerotiorum
0.81
0.97
Q7S060 − Neurospora crassa
A2GIZ8 − Trichomonas vaginalis
WBGene00140930
0.95
G0P7Q2 − Caenorhabditis brenneri
0
E3M330 − Caenorhabditis remanei
0.94
0.9
O02621 − Caenorhabditis elegans
1
A8WWR8 − Caenorhabditis briggsae
A8XYV2 − Caenorhabditis briggsae


H2XVN3 − Ciona intestinalis
H2YR96 − Ciona savignyi
B3RT96 − Trichoplax adhaerens
A9JT04 − Danio rerio
F4X6L3 − Acromyrmex echinatior
F6D3Q0 − Methanobacterium sp.
D3E4N0 − Methanobrevibacter ruminantium
Q8TMD8 − Methanosarcina acetivorans
Q469V0 − Methanosarcina barkeri
A3CSN5 − Methanoculleus marisnigri
E0RTK0 − Spirochaeta thermophila
C0ZRP9 − Rhodococcus erythropolis
E4W9H2 − Rhodococcus equi
D6ZB30 − Segniliparus rotundus
WBGene00140875
G0MUE2 − Caenorhabditis brenneri
G0PGE4 − Caenorhabditis brenneri
A8XB74 − Caenorhabditis briggsae
E3N127 − Caenorhabditis remanei
O01592 − Caenorhabditis elegans
Q4CS97 − Trypanosoma cruzi
D7G5F6 − Ectocarpus siliculosus
B7S487 − Phaeodactylum tricornutum
B8BUL0 − Thalassiosira pseudonana
G4ZT05 − Phytophthora sojae
A8ISB0 − Chlamydomonas reinhardtii
A8ISA9 − Chlamydomonas reinhardtii
Q10CX6 − Oryza sativa subsp. japonica
Q9XEA8 − Oryza sativa subsp. japonica
I1LBI3 − Glycine max
Q1IPV3 − Koribacter versatilis
0.89
0.97
0.96
0.98
0.99
0.58
0.51
0.3
0
0.15
0.9
0.3
0.92
0.98
0.96
0.39
0.98
0.71
0.98


F8DCF0 − Halopiger xanaduensis
D2RZM4 − Haloterrigena turkmenica
D3SYB8 − Natrialba magadii
G0HWB5 − Haloarcula hispanica
C7NSY6 − Halorhabdus utahensis
E0RSI3 − Spirochaeta thermophila
D2R1B0 − Pirellula staleyi
0.92
Q7URH6 − Rhodopirellula baltica
F0ST40 − Planctomyces brasiliensis
D5SQQ5 − Planctomyces limnophilus
A9SM67 − Physcomitrella patens subsp. patens
I1KAR0 − Glycine max
0.82
C5XGS0 − Sorghum bicolor
I1HQF2 − Brachypodium distachyon
I1HQF1 − Brachypodium distachyon
D0NHS1 − Phytophthora infestans
H3GNE8 − Phytophthora ramorum
0.57
G5A643 − Phytophthora sojae
B8CBI7 − Thalassiosira pseudonana
B7GAZ5 − Phaeodactylum tricornutum
WBGene00140413
0.95
G0MHV9 − Caenorhabditis brenneri
0.75
A8WRQ4 − Caenorhabditis briggsae
0.99
G5EF05 − Caenorhabditis elegans
0.65
E3MMN6 − Caenorhabditis remanei
G0NHX6 − Caenorhabditis brenneri
0.6
B0WKB3 − Culex quinquefasciatus
E9IS98 − Solenopsis invicta
0.94
F4W679 − Acromyrmex echinatior
E2A1Z0 − Camponotus floridanus
0.9
E0VR49 − Pediculus humanus subsp. corporis
G3AX56 − Candida tenuis
C7GL18 − Saccharomyces cerevisiae
0.75
G2WBZ3 − Saccharomyces cerevisiae
0.91
Q12680 − Saccharomyces cerevisiae
C8Z6D3 − Saccharomyces cerevisiae


Q4H1F9 − Bombyx mori
G6CW24 − Danaus plexippus
H9KAM3 − Apis mellifera
0.98
E2C8G6 − Harpegnathos saltator
E0VSA7 − Pediculus humanus subsp. corporis
0.99
C6JRI9 − Sorghum bicolor
0.95
Q53MS9 − Oryza sativa subsp. japonica
0.93
I1QZC6 − Oryza glaberrima
0.96
I1J0G2 − Brachypodium distachyon
0.96
I1K6J6 − Glycine max
0.93
D2V7K0 − Naegleria gruberi
1
D2VXW5 − Naegleria gruberi
0.2
D2V639 − Naegleria gruberi
1
D2V200 − Naegleria gruberi
D3E061 − Methanobrevibacter ruminantium
1
0.85
B7JLI1 − Bacillus cereus
0.89
Q6HJJ7 − Bacillus thuringiensis subsp. konkukian
1
C1ES89 − Bacillus cereus
0.75
0
C3LKI4 − Bacillus anthracis
0
F0PLL7 − Bacillus thuringiensis subsp. finitimus
0.73
G3BBD7 − Candida tenuis
0.98
G8Y7C9 − Pichia sorbitophila
0.55
I1CP16 − Rhizopus delemar
0.58
A7E616 − Sclerotinia sclerotiorum
0.4
0.82
0.98
Q7S060 − Neurospora crassa
A2GIZ8 − Trichomonas vaginalis
WBGene00140267
0.96
G0P7Q2 − Caenorhabditis brenneri
0
E3M330 − Caenorhabditis remanei
0.94
O02621 − Caenorhabditis elegans
0.9
A8WWR8 − Caenorhabditis briggsae
1
A8XYV2 − Caenorhabditis briggsae


A0R7Y0 − Pelobacter propionicus
A1AMR6 − Pelobacter propionicus
I1CC33 − Rhizopus delemar
I1CW86 − Rhizopus delemar
I1CFW3 − Rhizopus delemar
I1BPW9 − Rhizopus delemar
I1BK69 − Rhizopus delemar
E3M183 − Caenorhabditis remanei
WBGene00139897
G0NX33 − Caenorhabditis brenneri
E3NM89 − Caenorhabditis remanei
E3N204 − Caenorhabditis remanei
E3MPI5 − Caenorhabditis remanei
C5KAG2 − Perkinsus marinus
C5LHE7 − Perkinsus marinus
D6X1G6 − Tribolium castaneum
E2ARC4 − Camponotus floridanus
E9J9Y8 − Solenopsis invicta
D7GYL0 − Tribolium castaneum
D7GYB7 − Tribolium castaneum
C5L4J0 − Perkinsus marinus
C5LCC1 − Perkinsus marinus
C5KRL1 − Perkinsus marinus
1
1
1
0
0
1
0.82
1
0.79
0.98
0.68
0.68
0.21
0.2
0.15
1
0.17
0
0.9
0.97


G3P9D3 − Gasterosteus aculeatus
G3P9E5 − Gasterosteus aculeatus
H0YRE2 − Taeniopygia guttata
E0V9M8 − Pediculus humanus subsp. corporis
D6WQA2 − Tribolium castaneum
G1XKB7 − Arthrobotrys oligospora
Q92342 − Schizosaccharomyces pombe
G8YDS4 − Pichia sorbitophila
C4QYP8 − Komagataella pastoris
F2QPW1 − Komagataella pastoris
Q9HJB0 − Thermoplasma acidophilum
F6D7Q3 − Methanobacterium sp.
A5UMN6 − Methanobrevibacter smithii
D3DYL9 − Methanobrevibacter ruminantium
F0LGW9 − Thermococcus barophilus
B9TD71 − Ricinus communis
E1ZE95 − Chlorella variabilis
A8J3T4 − Chlamydomonas reinhardtii
G8NSW0 − Granulicella mallensis
Q1DDK2 − Myxococcus xanthus
G2LH44 − Chloracidobacterium thermophilum
Q1I3Q5 − Pseudomonas entomophila
A4YNK5 − Bradyrhizobium sp.
D0MR59 − Phytophthora infestans
G4ZN95 − Phytophthora sojae
H3GBX5 − Phytophthora ramorum
C5LV92 − Perkinsus marinus
C5LYH6 − Perkinsus marinus
WBGene00139468
G0PEQ1 − Caenorhabditis brenneri
A8Y0T4 − Caenorhabditis briggsae
E3ND67 − Caenorhabditis remanei
E3NMS6 − Caenorhabditis remanei
Q20166 − Caenorhabditis elegans
0.25
0.25
0.33
0.97
0.92
0.95
0.47
0.59
0.59
0.94
0.9
0.52
0.97
0
0.26
0.93
0.48