

*F7UMG9 – Synechocystis sp.*

**B8G035 – *Desulfitobacterium hafniense***

Q24W91 – *Desulfitobacterium hafniense*

**Q9XIF2 – Arabidopsis thaliana**

**D7KXR9 – *Arabidopsis lyrata* subsp. *lyrata***

**A8M9R8 – *Caldivirga maquilingensis***

-B5/CF6 – *Aciduliprofundum boonei*

—F2KQT1 – *Archaeoglobus veneficus*

–F4B6Q3 – *Acidianus hospitalis*

-Q46DX3 – *Methanosarcina barkeri*

*D7B3Y6 – Nocardiosis dassonvillei*

–F4Q478 – *Dictyostelium fasciculatum*

-Q54XN7 – *Dictyostelium discoideum*

-F0ZME4 – *Dictyostelium purpureum*

—F4PHU3 – *Dictyostelium fasciculatum*

–D2VSW2 – *Naeqleria gruberi*

-F0XJK6 – *Grosmannia clavigera*

**E5A985 – *Leptosphaeria maculans***

**B2WLM6 – *Pyrenophora tritici-repentis***

—C5FGX5 – *Arthroderma otae*

– *D8TRE6 – Volvox carterii*

– Q9P7T8 – *Schizosaccharomyces pombe*

**-H0VC36 – *Cavia porcellus***

ENSTSYG00000011545

**F71CV8 – *Callithrix jacchus***

**G1P925 – *Myotis lucifugus***

**F6YRA8 – *Equus caballus***

–E9PZQ1 – *Mus musculus*

-E1Z6X1 – *Chlorella variabilis*

-D8TRE7 – *Volvox carteri*

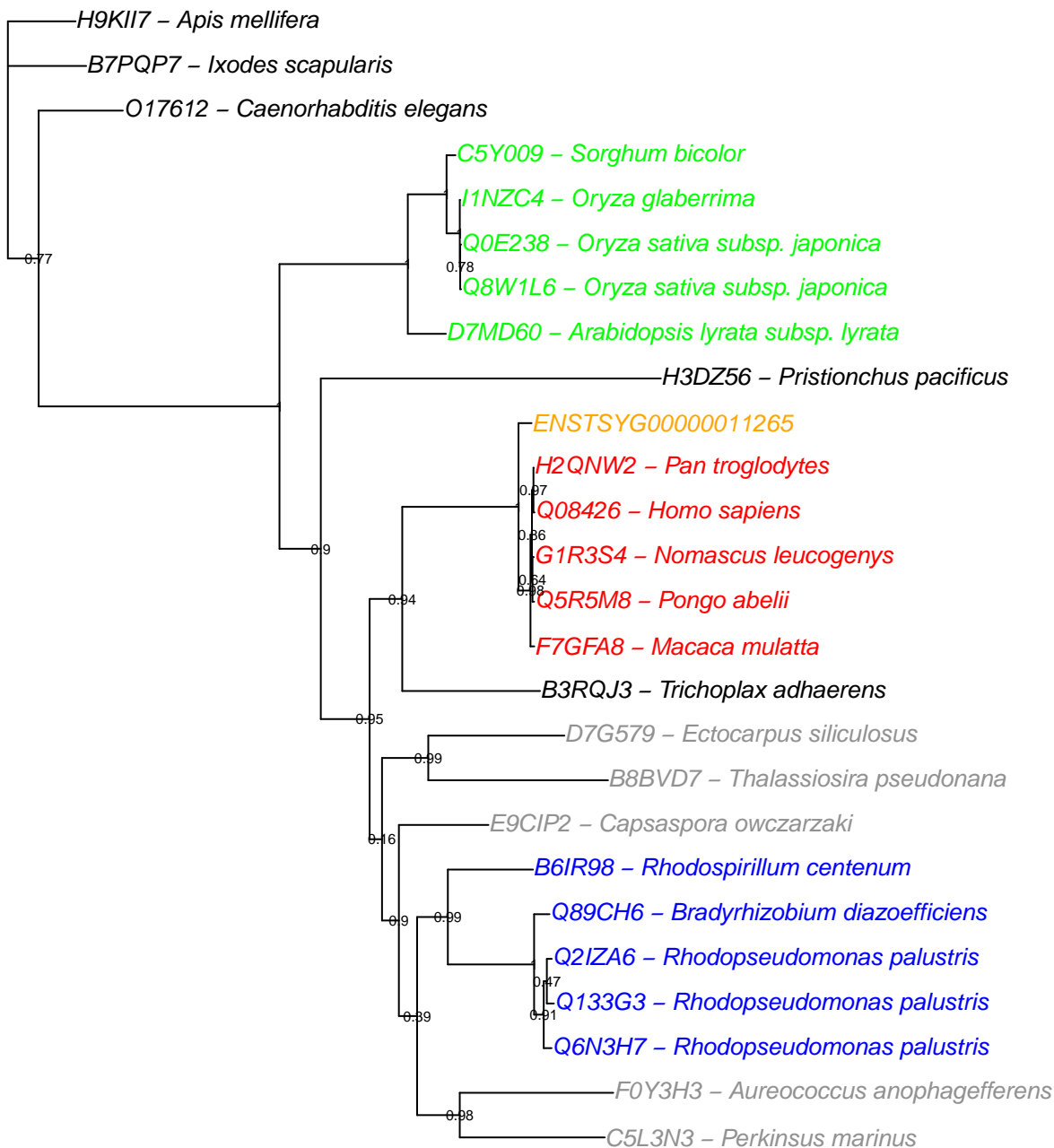
—A8P3R8 – *Brugia malayi*

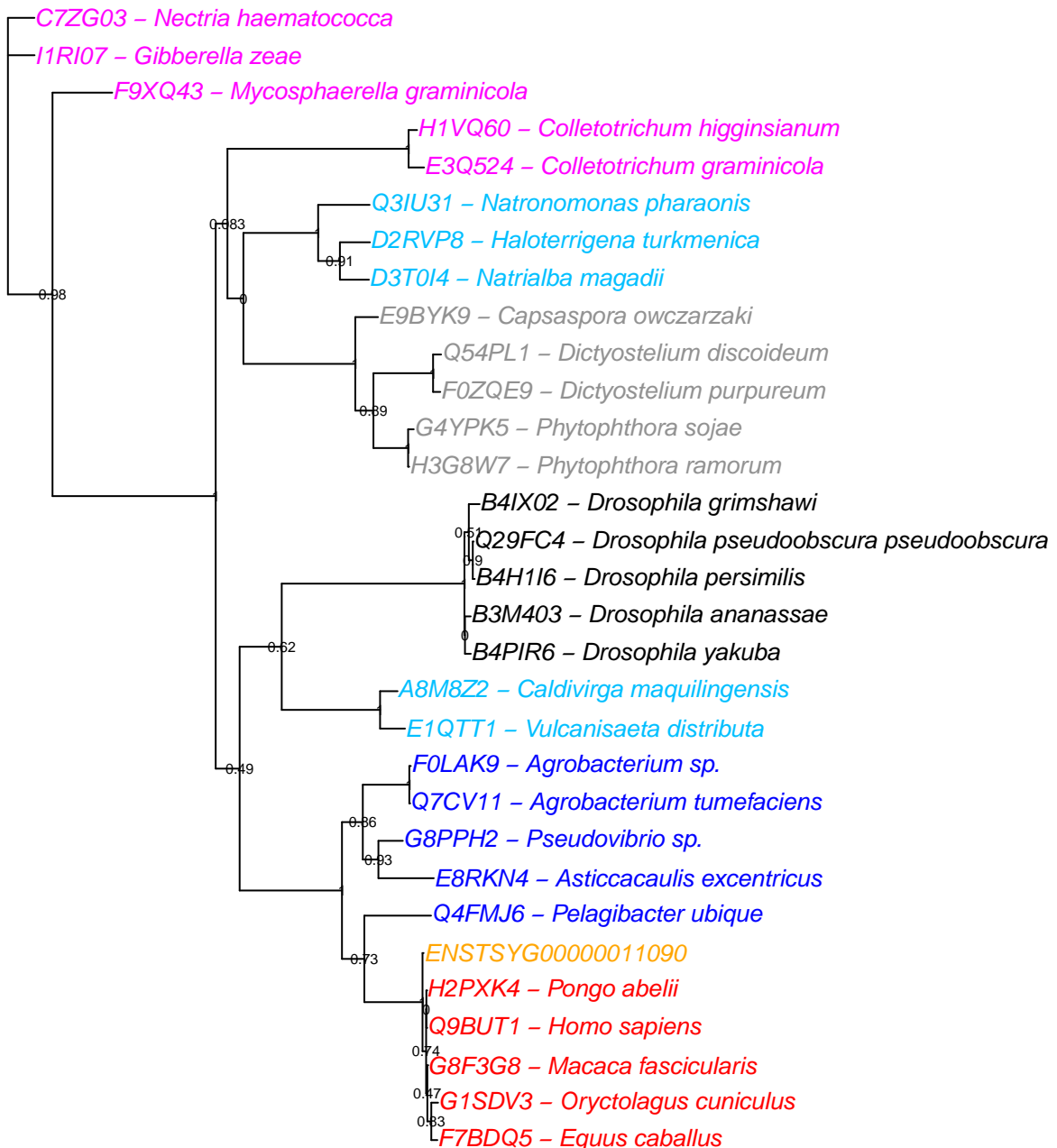
7—H3F007 – *Pristionchus pacificus*

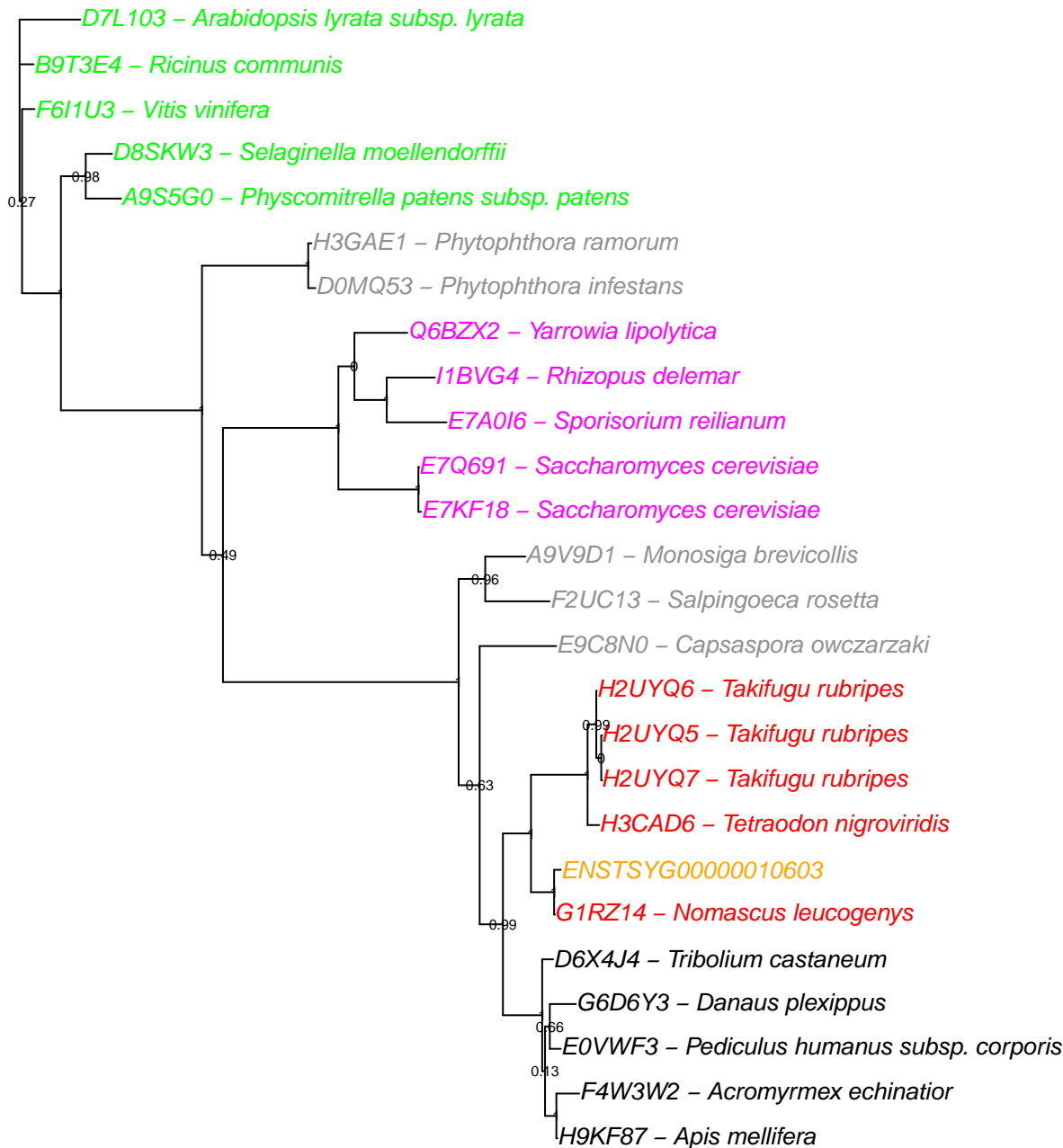
**E3LYR5 – *Caenorhabditis remanei***

Q09475 – *Caenorhabditis elegans*

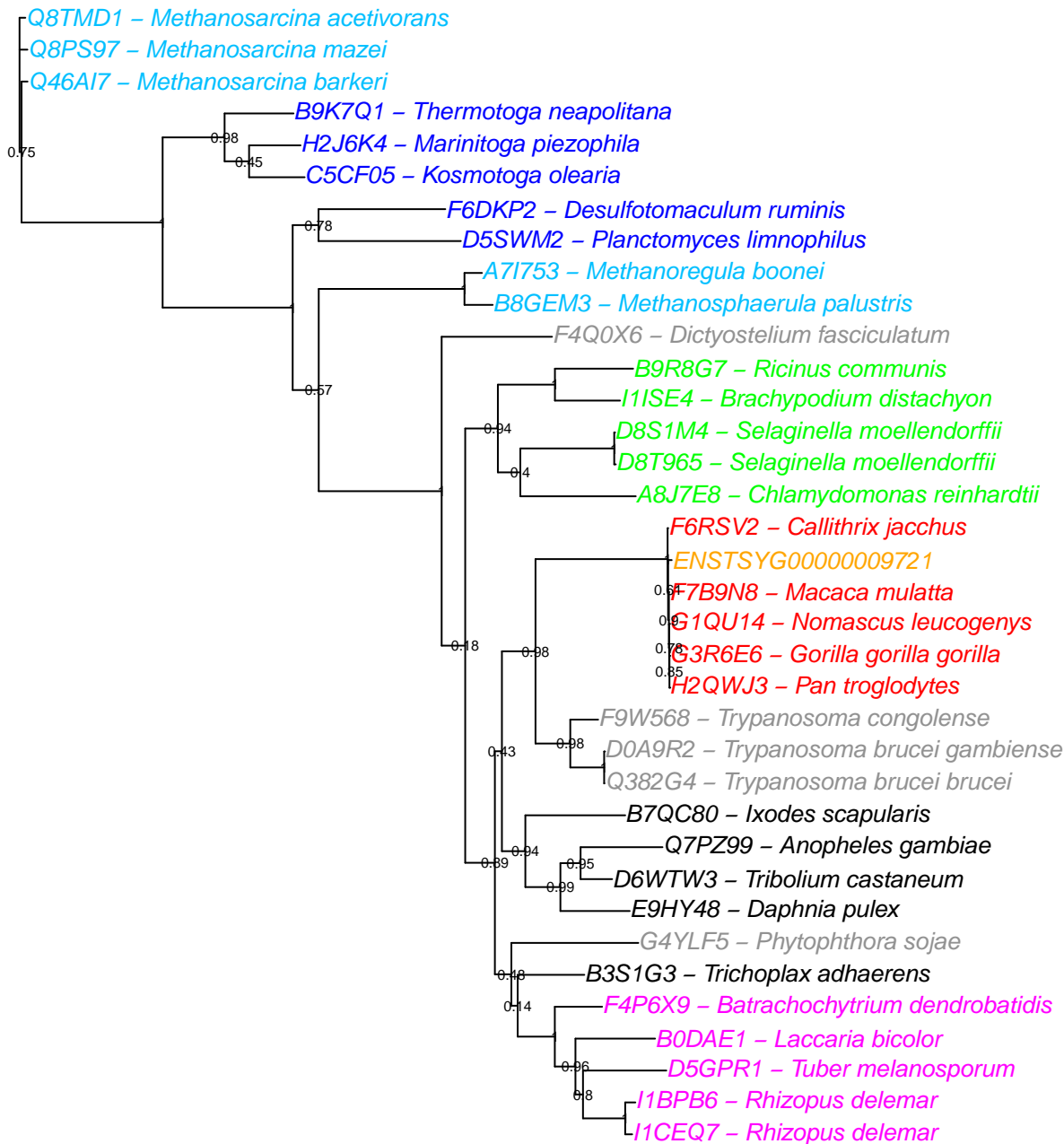
## GOMLM2 – *Caenorhabditis brenneri*

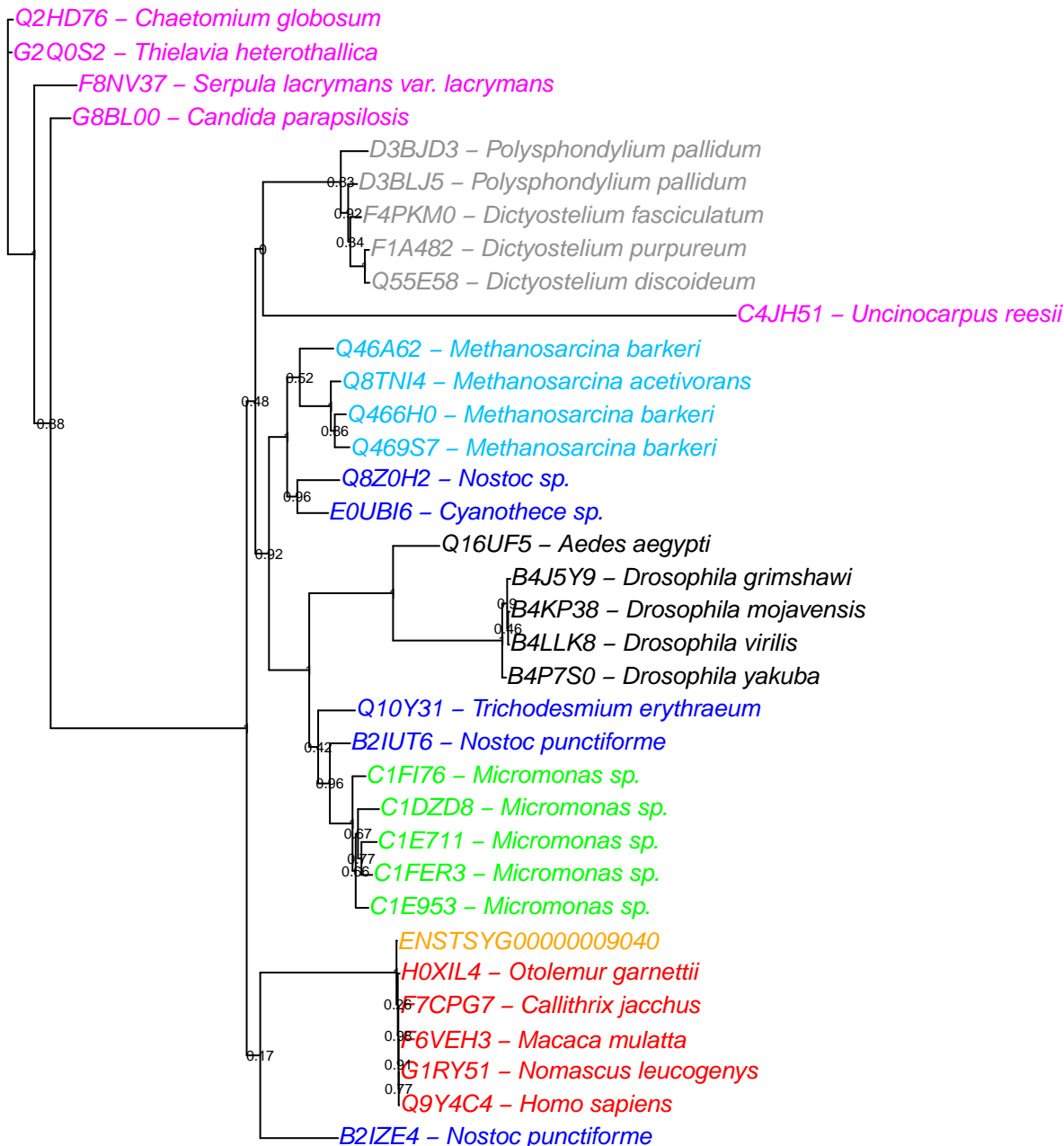


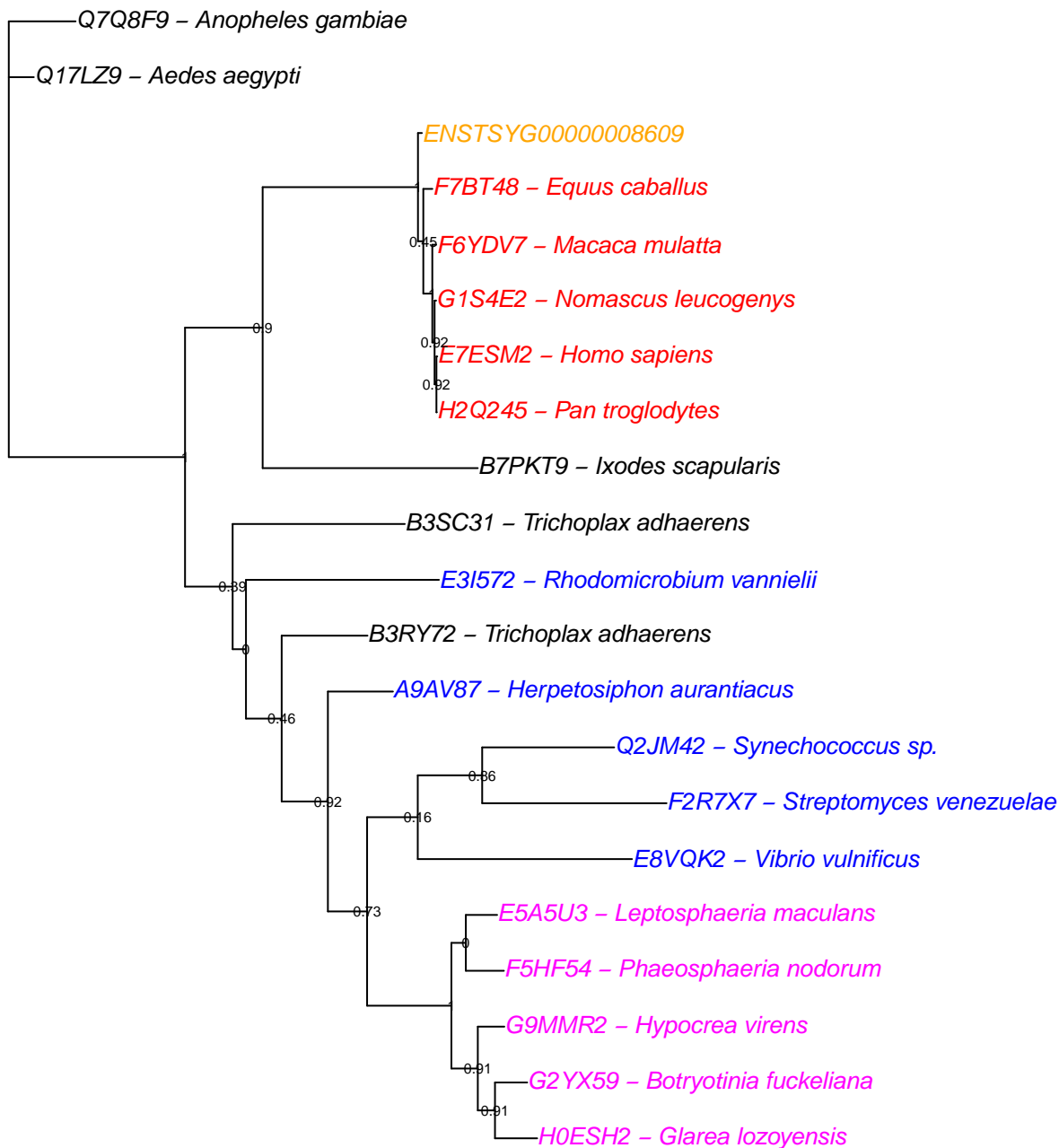


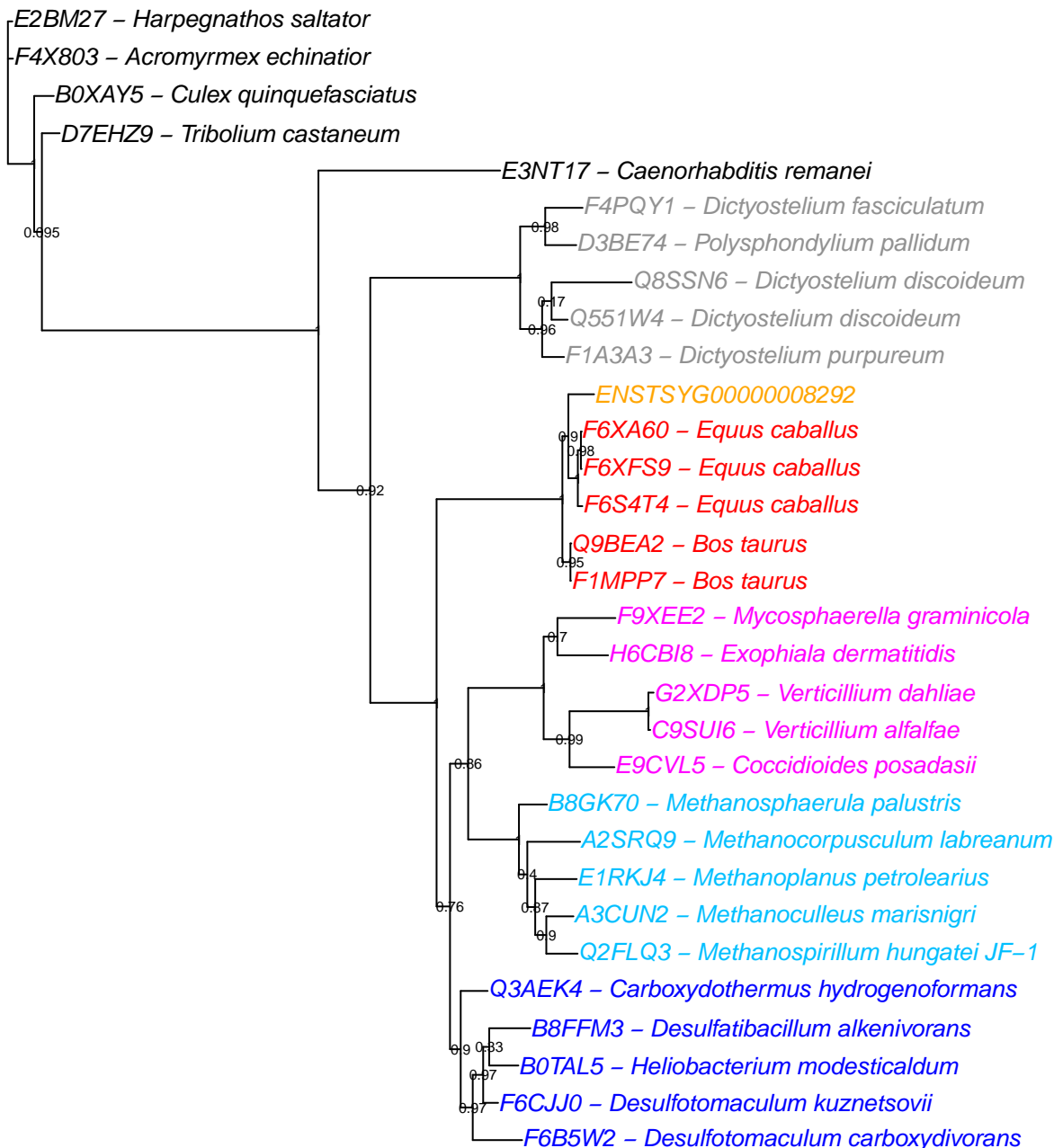


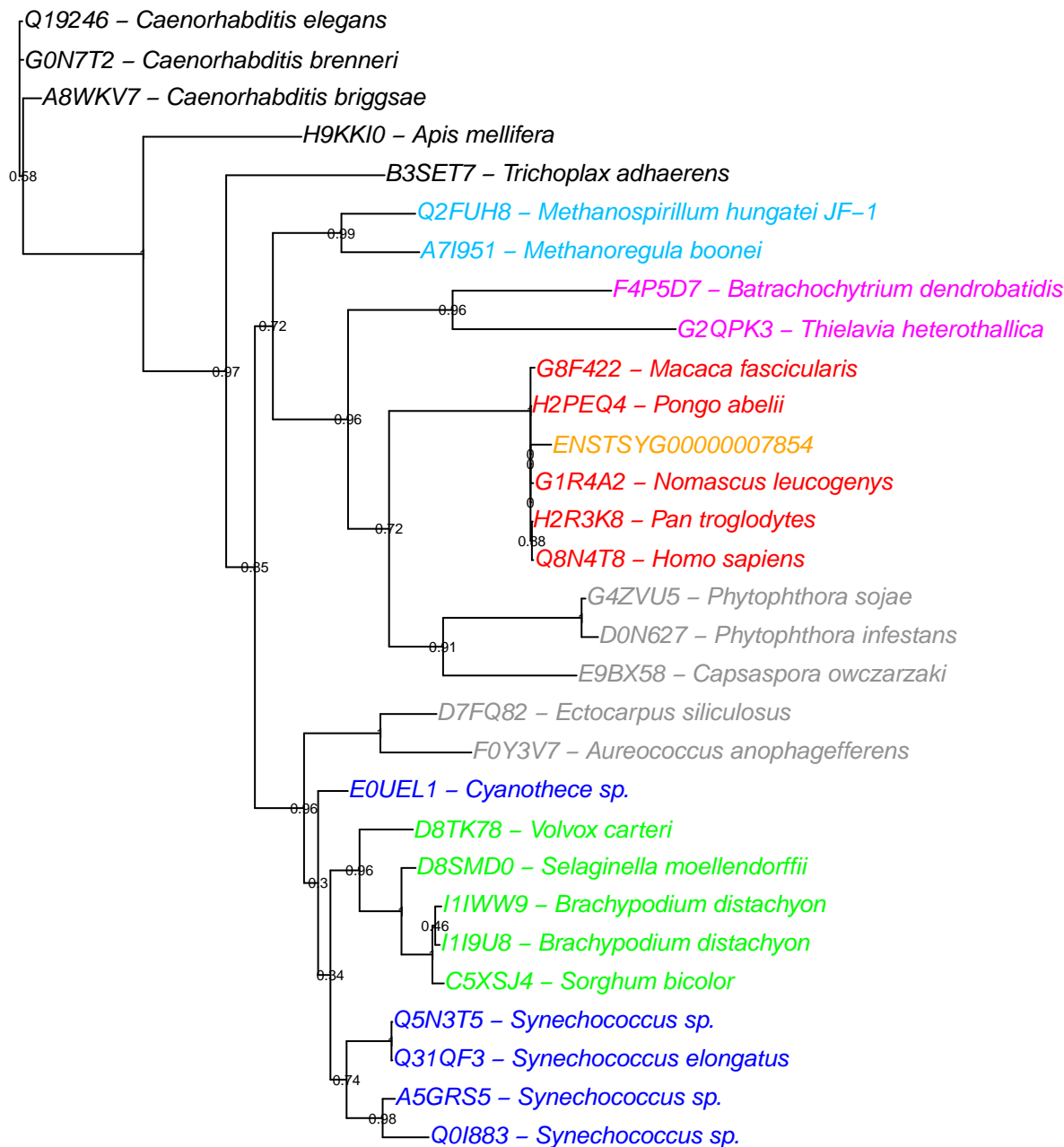


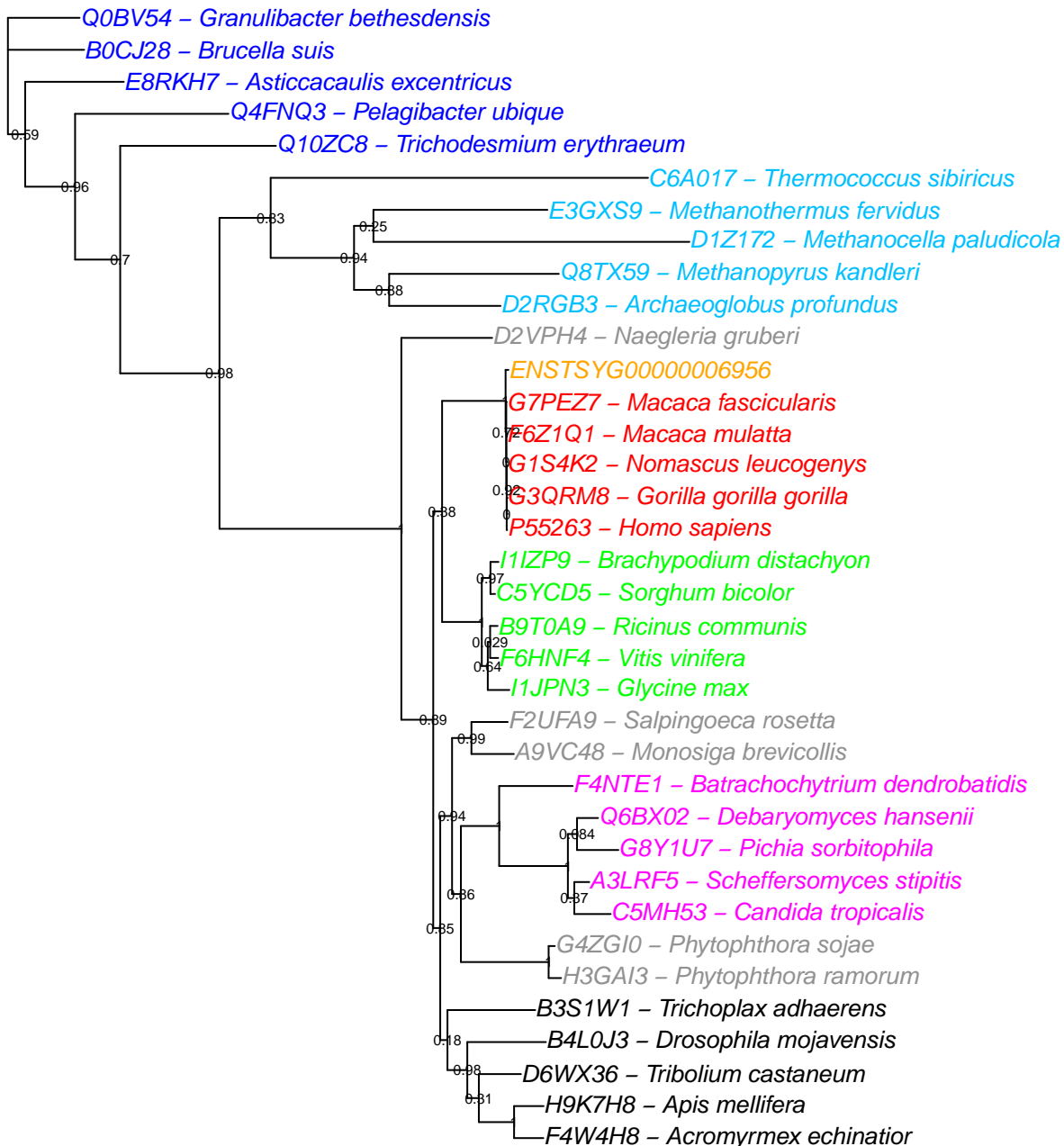






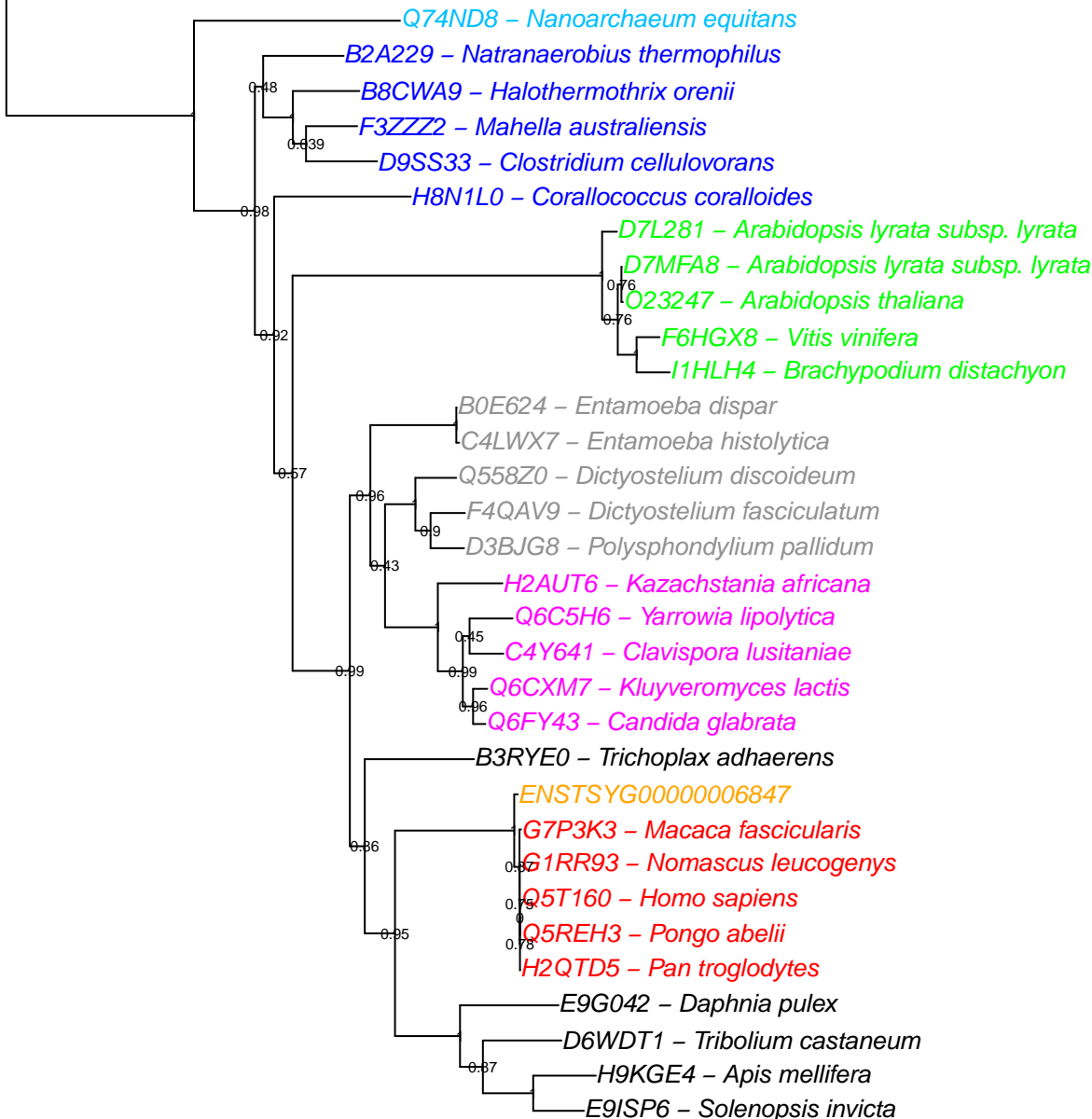


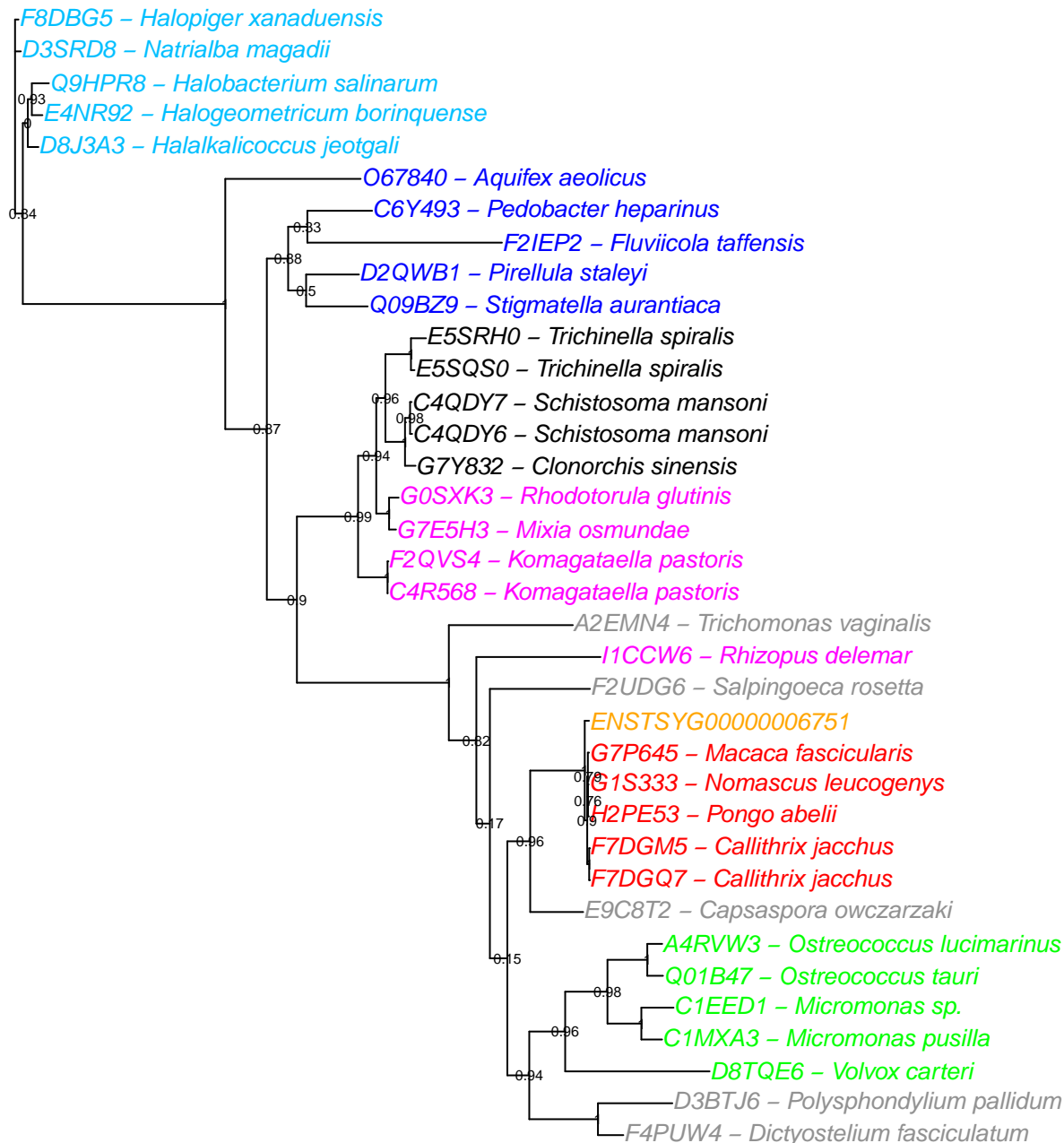




B0R9X1 – *Halobacterium salinarum*

Q9HHN2 – *Halobacterium salinarum*







B4KUM4 – *Drosophila mojavensis*

B4PE55 – *Drosophila yakuba*

Q7Q597 – *Anopheles gambiae*

B0XAY5 – *Culex quinquefasciatus*

E3NT17 – *Caenorhabditis remanei*

F4PQY1 – *Dictyostelium fasciculatum*

Q8SSN6 – *Dictyostelium discoideum*

Q551W4 – *Dictyostelium discoideum*

F1A3A3 – *Dictyostelium purpureum*

F9XEE2 – *Mycosphaerella graminicola*

H6CBI8 – *Exophiala dermatitidis*

C1H2I0 – *Paracoccidioides lutzii*

C1GB26 – *Paracoccidioides brasiliensis*

C5PFZ2 – *Coccidioides posadasii*

ENSTSYG00000006596

F7HW22 – *Callithrix jacchus*

Q6NUN0 – *Homo sapiens*

H2QAP3 – *Pan troglodytes*

H2NQB0 – *Pongo abelii*

F6QRF3 – *Equus caballus*

A2SRQ9 – *Methanocorpusculum labreanum*

A3CUI4 – *Methanoculleus marisnigri*

A7I8Y8 – *Methanoregula boonei*

A3CUN2 – *Methanoculleus marisnigri*

Q2FLQ3 – *Methanospirillum hungatei* JF-1

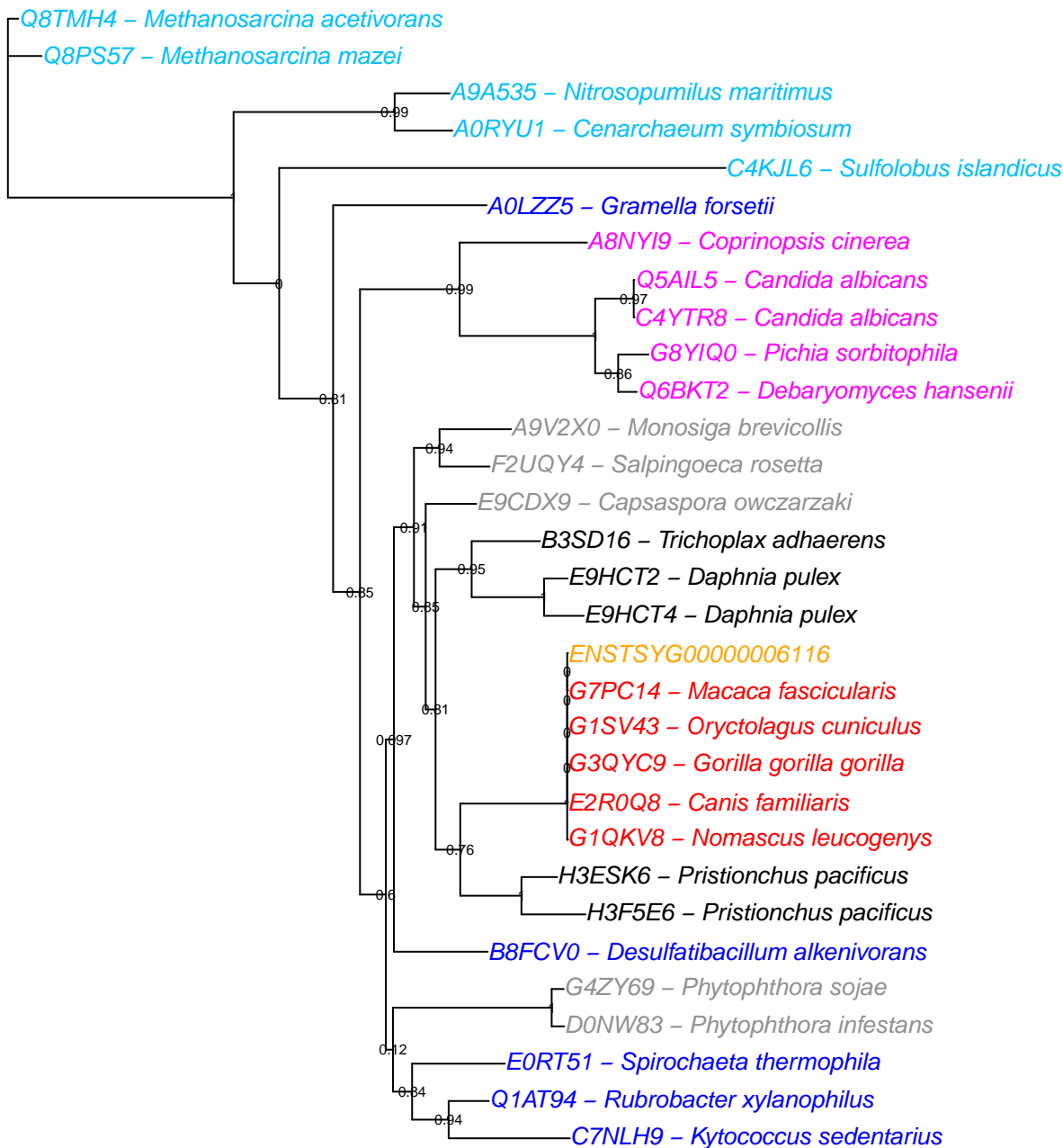
B8FFM3 – *Desulfatibacillum alkenivorans*

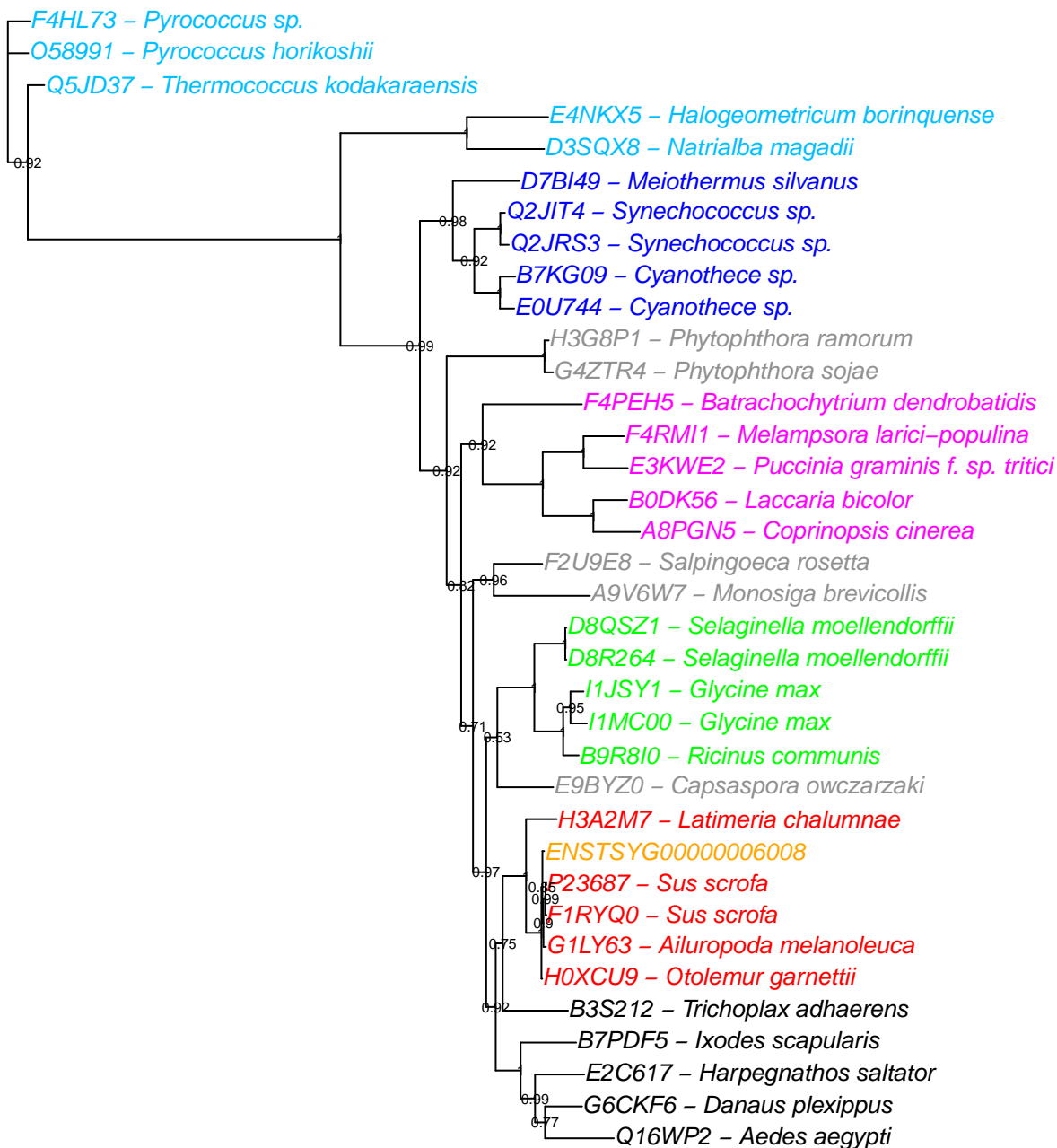
B0TAL5 – *Heliobacterium modesticaldum*

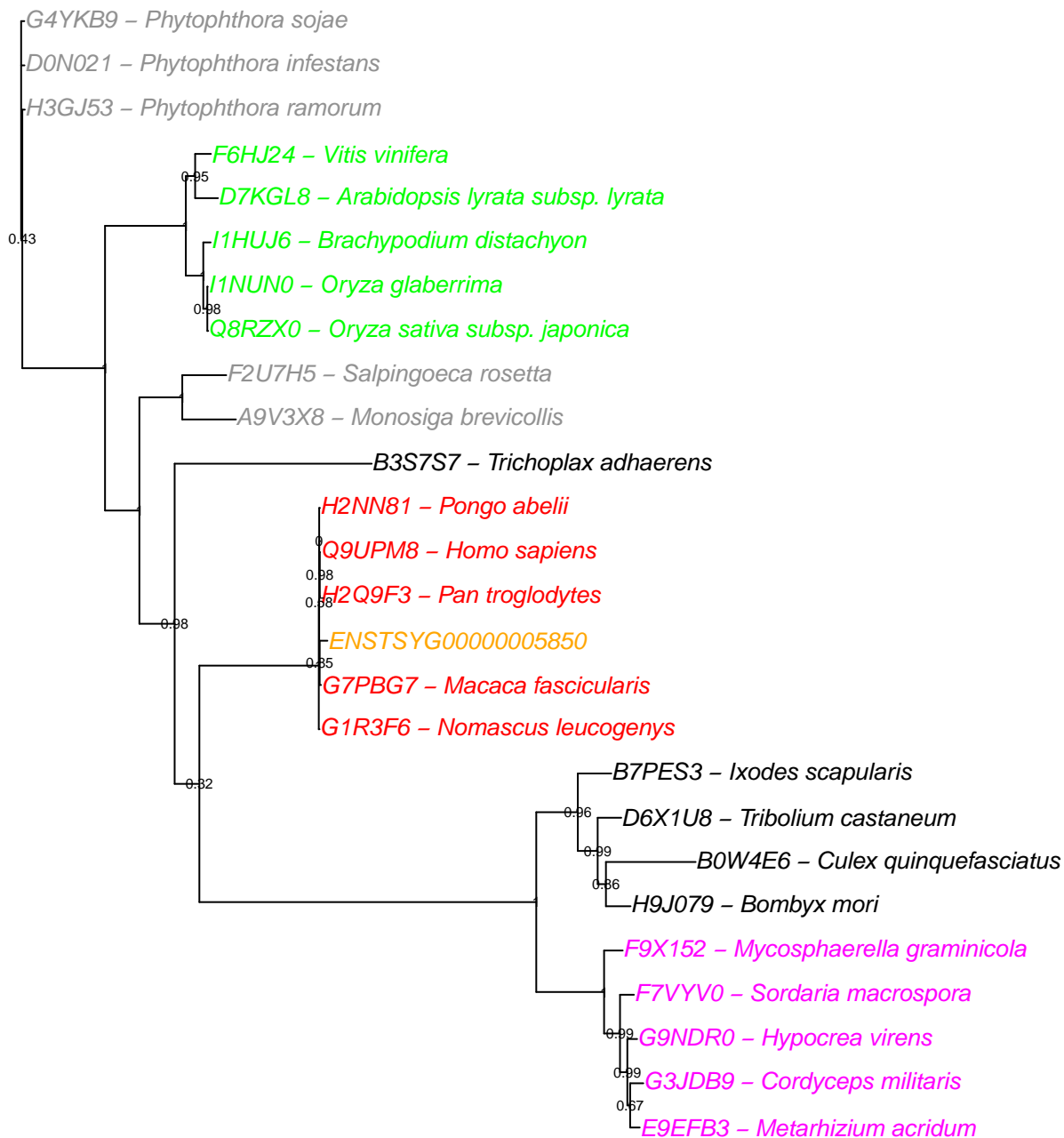
F6CJJ0 – *Desulfotomaculum kuznetsovii*

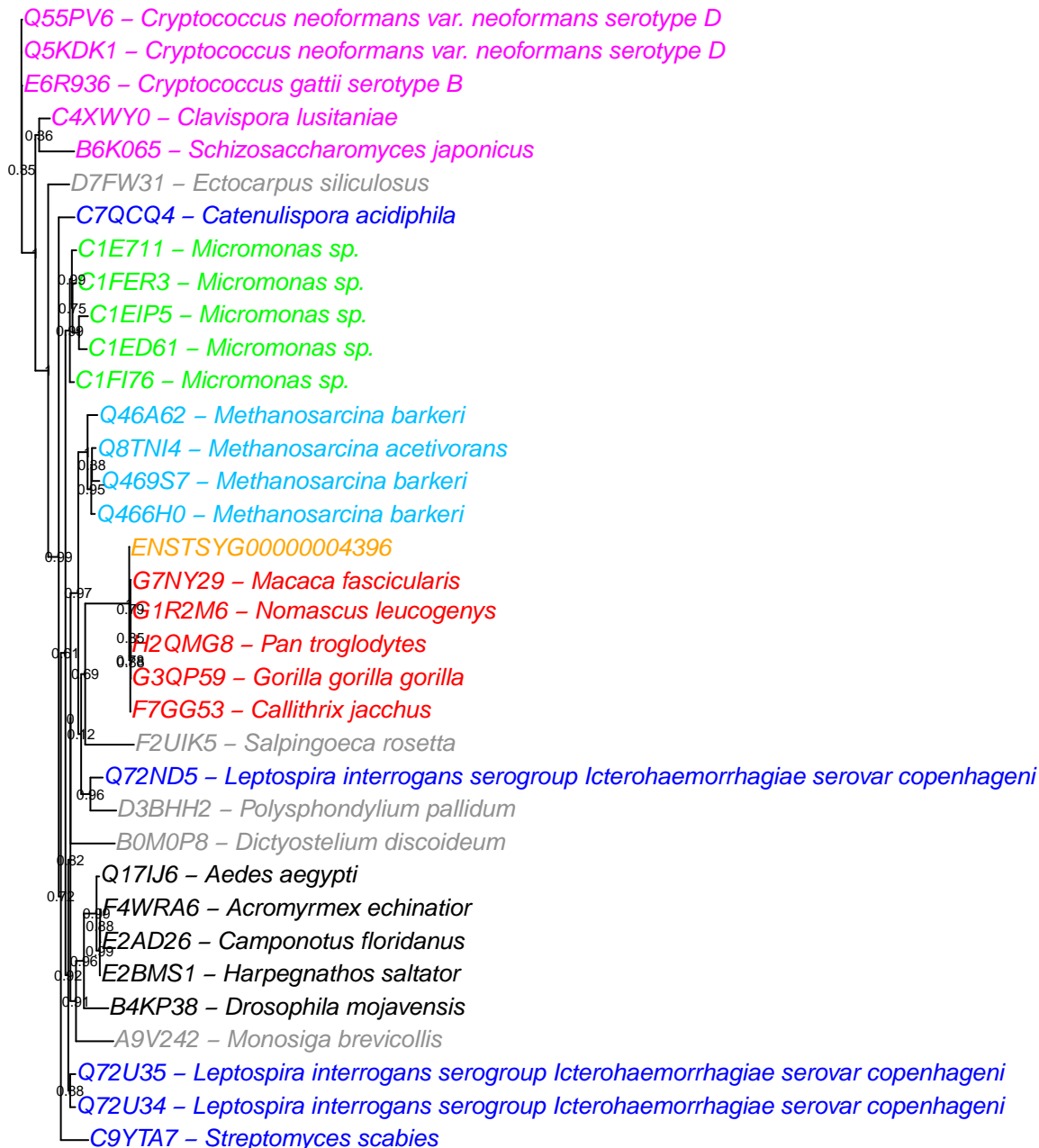
F6B5W2 – *Desulfotomaculum carboxydivorans*

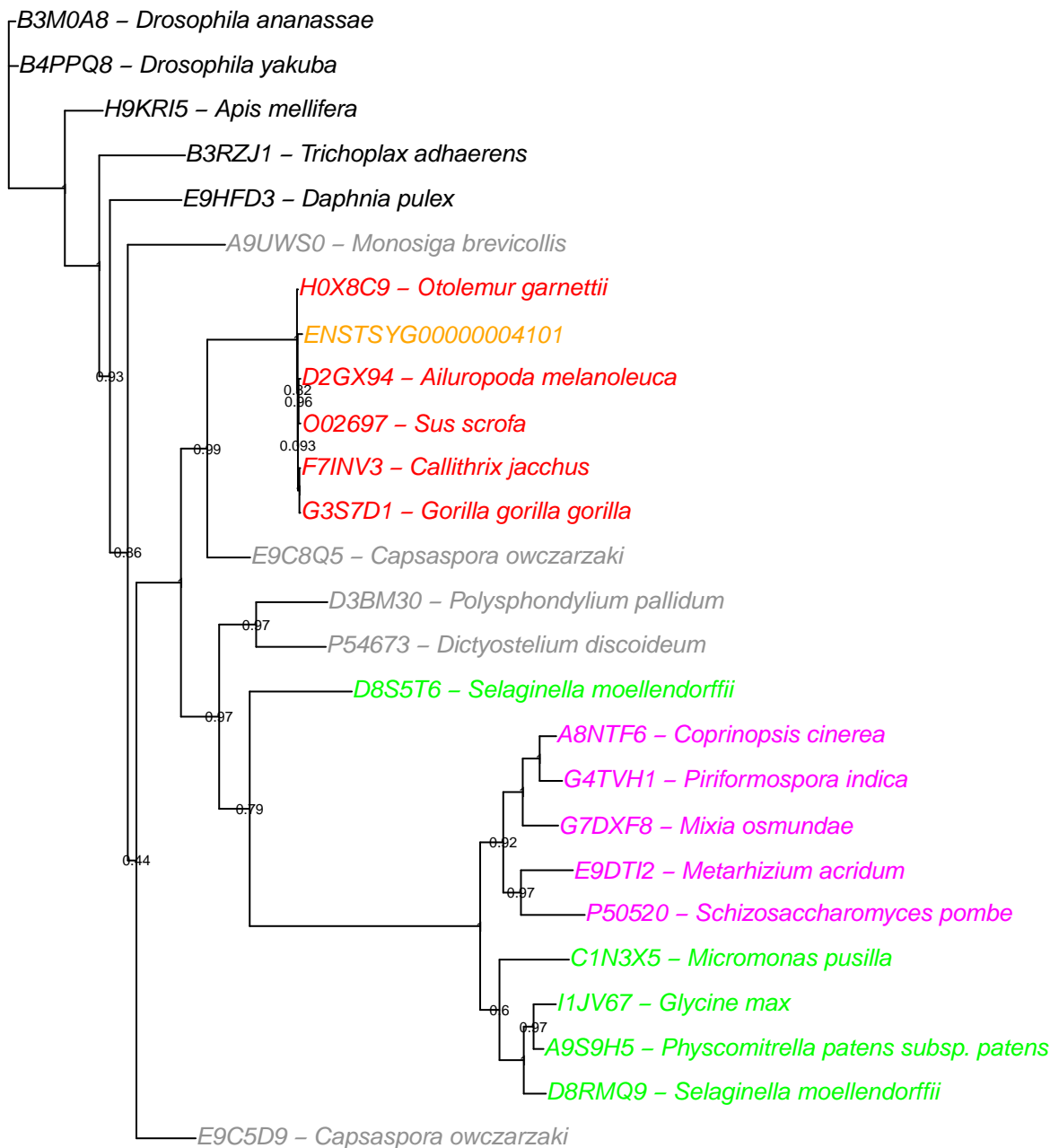
Q3AEK4 – *Carboxydotherrnus hydrogenoformans*







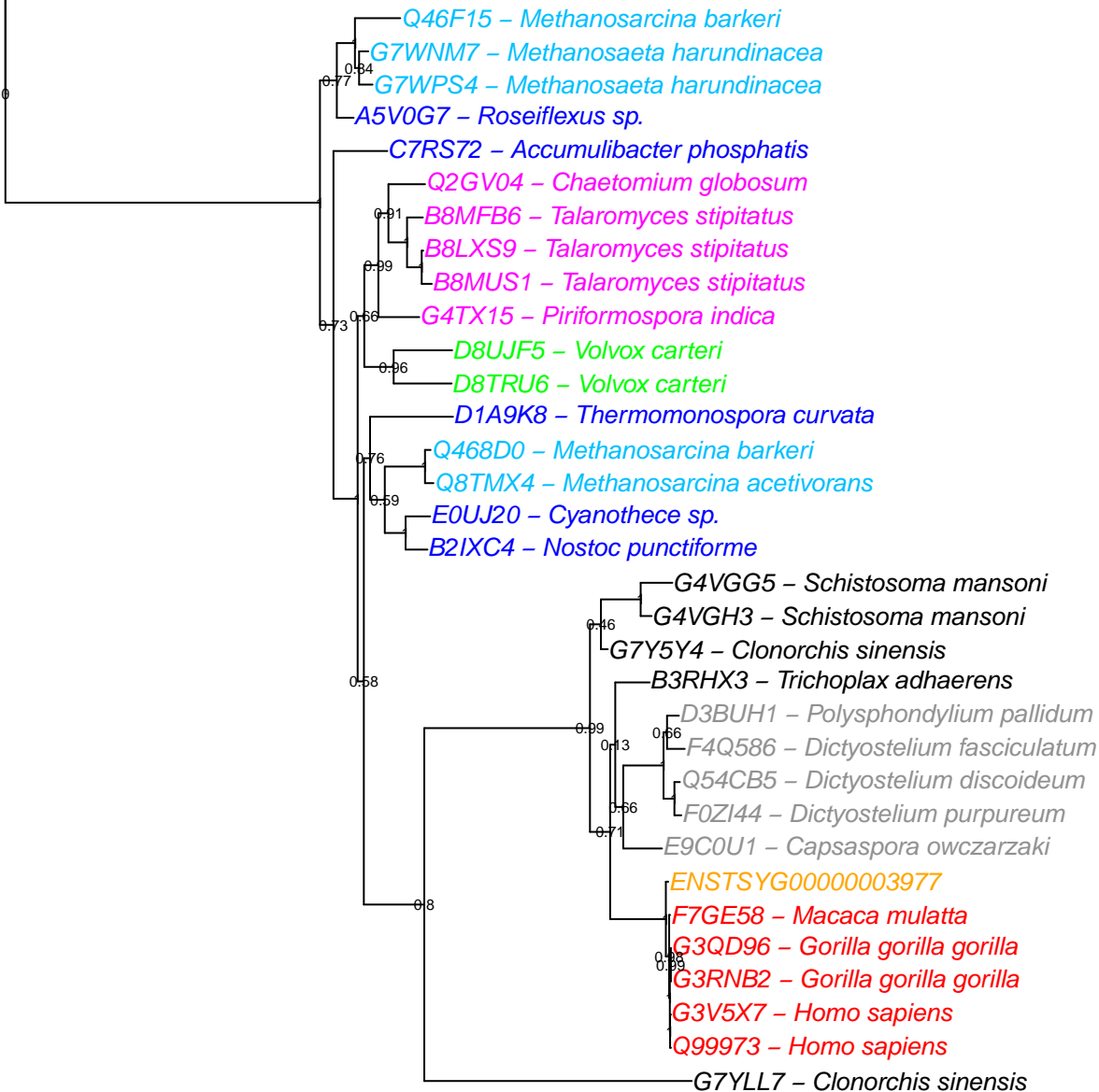


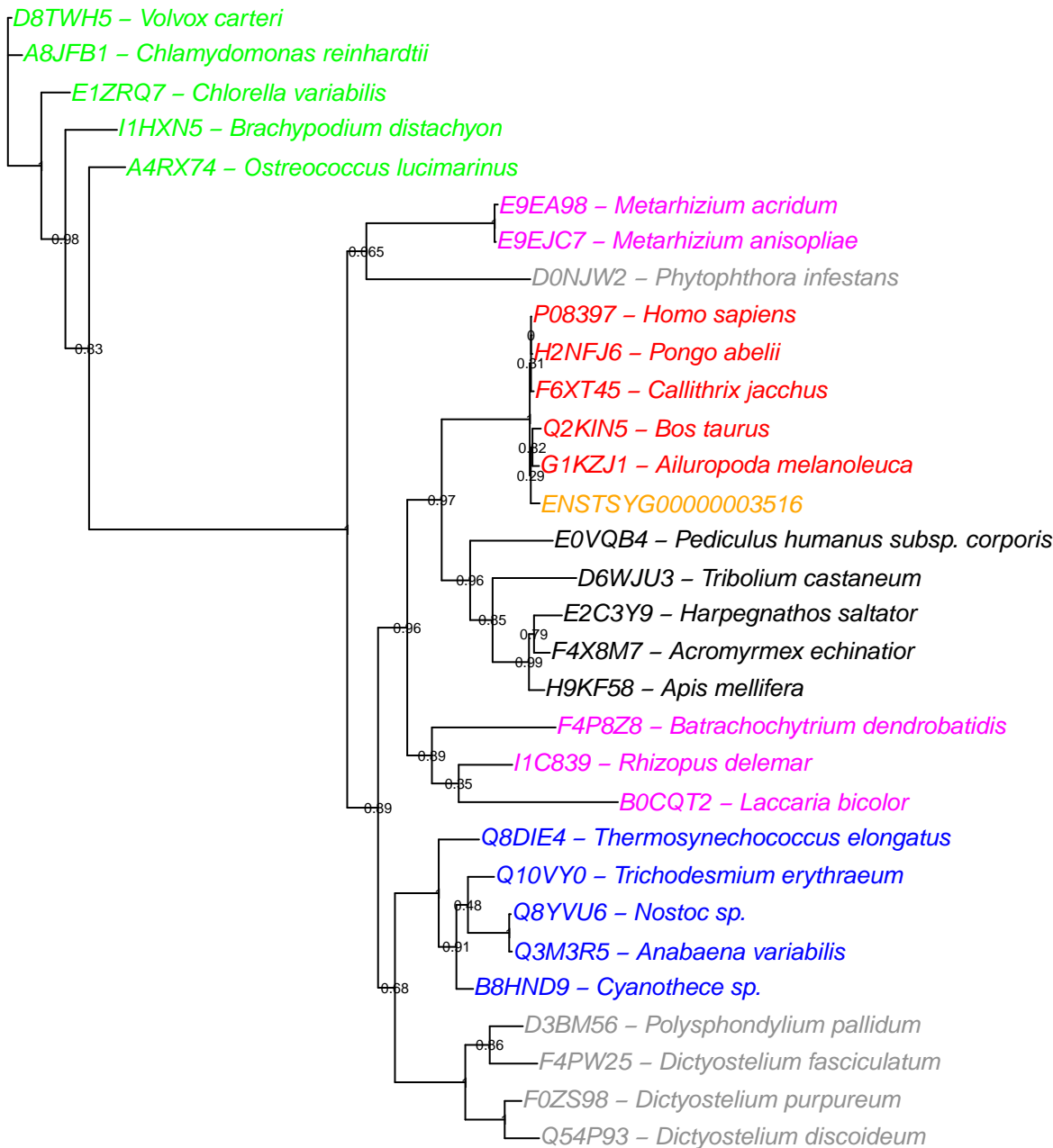


A9SPP2 – *Physcomitrella patens* subsp. *patens*

Q7XKB3 – *Oryza sativa* subsp. *japonica*

I1PQY0 – *Oryza glaberrima*







Q97YM4 – *Sulfolobus solfataricus*

D0KUP2 – *Sulfolobus solfataricus*

F4G0D4 – *Metallosphaera cuprina*

A4YDN3 – *Metallosphaera sedula*

G4RFB0 – *Pelagibacterium halotolerans*

I1C447 – *Rhizopus delemar*

ENSTSYG00000003510

F6UGG5 – *Callithrix jacchus*

F6W408 – *Equus caballus*

G3QNI4 – *Gorilla gorilla gorilla*

H2QBE6 – *Pan troglodytes*

O00219 – *Homo sapiens*

B8PCC4 – *Postia placenta*

B8PKM3 – *Postia placenta*

F9FZM0 – *Fusarium oxysporum*

G9N7W4 – *Hypocrea virens*

E4SPX6 – *Streptococcus thermophilus*

Q03MS9 – *Streptococcus thermophilus*

P17862 – *Rhizobium loti*

F7Y687 – *Mesorhizobium opportunistum*

D7G7X6 – *Ectocarpus siliculosus*

E4NTD4 – *Halogeometricum borinquense*

D8LPB5 – *Ectocarpus siliculosus*

A8PV21 – *Brugia malayi*

G5ECD6 – *Caenorhabditis elegans*

A8XE88 – *Caenorhabditis briggsae*

G0NCW3 – *Caenorhabditis brenneri*

G0P120 – *Caenorhabditis brenneri*

B5YNX7 – *Thalassiosira pseudonana*

B8C4Q2 – *Thalassiosira pseudonana*

B8BZ32 – *Thalassiosira pseudonana*

