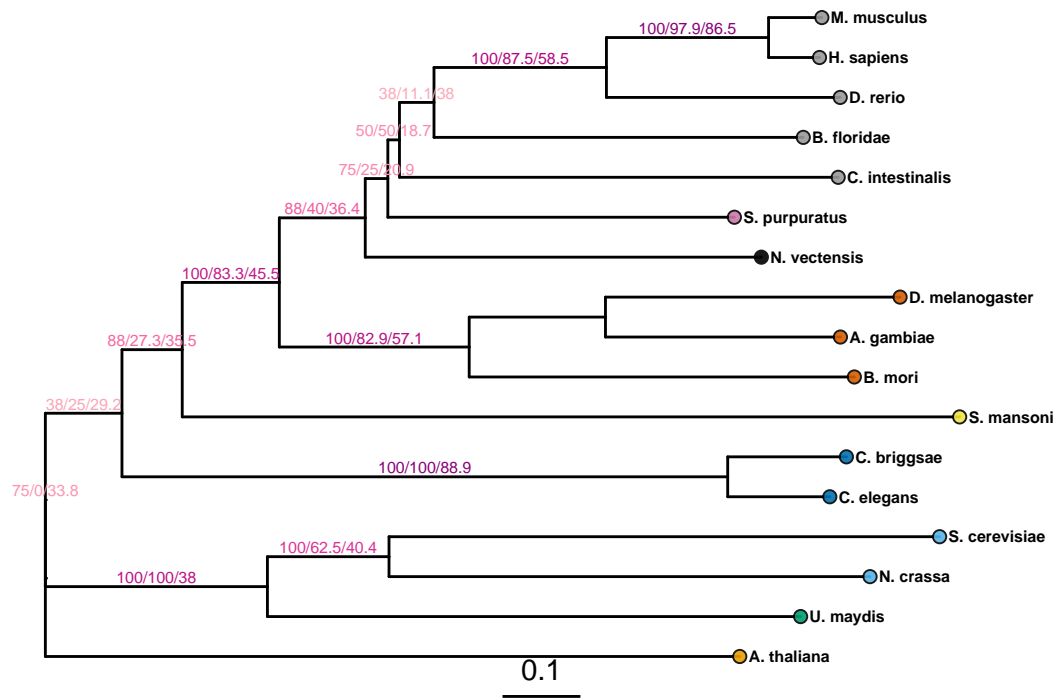
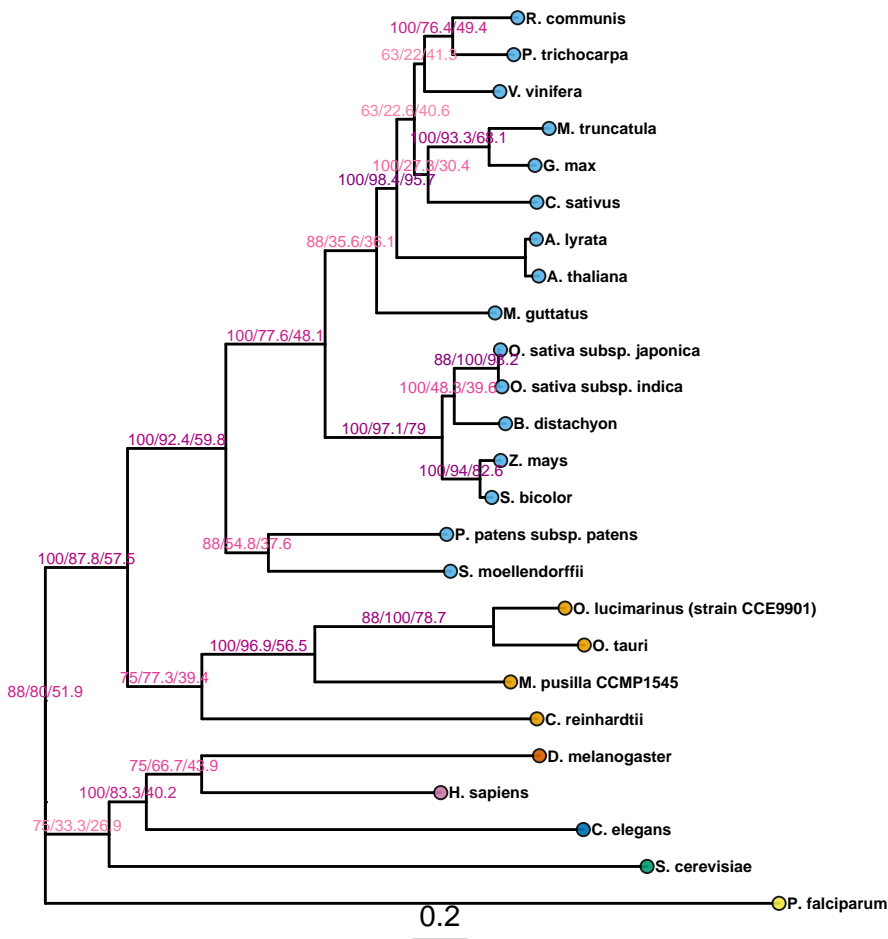


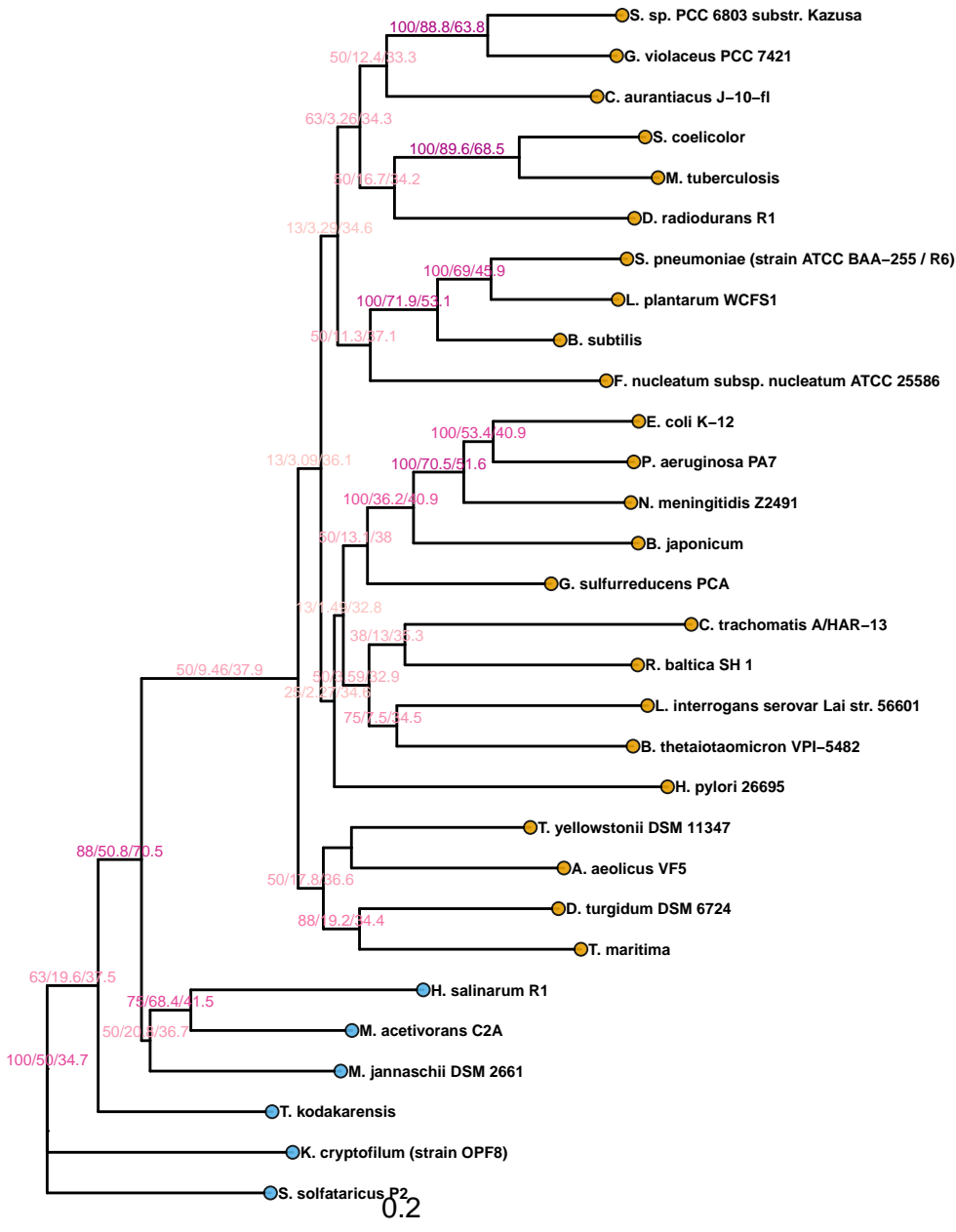
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|----------------|----------------|-------------|
| ● Brassicales  | ● Lepidoptera  | ● Rosales   |
| ● Cucurbitales | ● Malpighiales | ● Solanales |
| ● Fabales      | ● Malvales     | ● Vitales   |



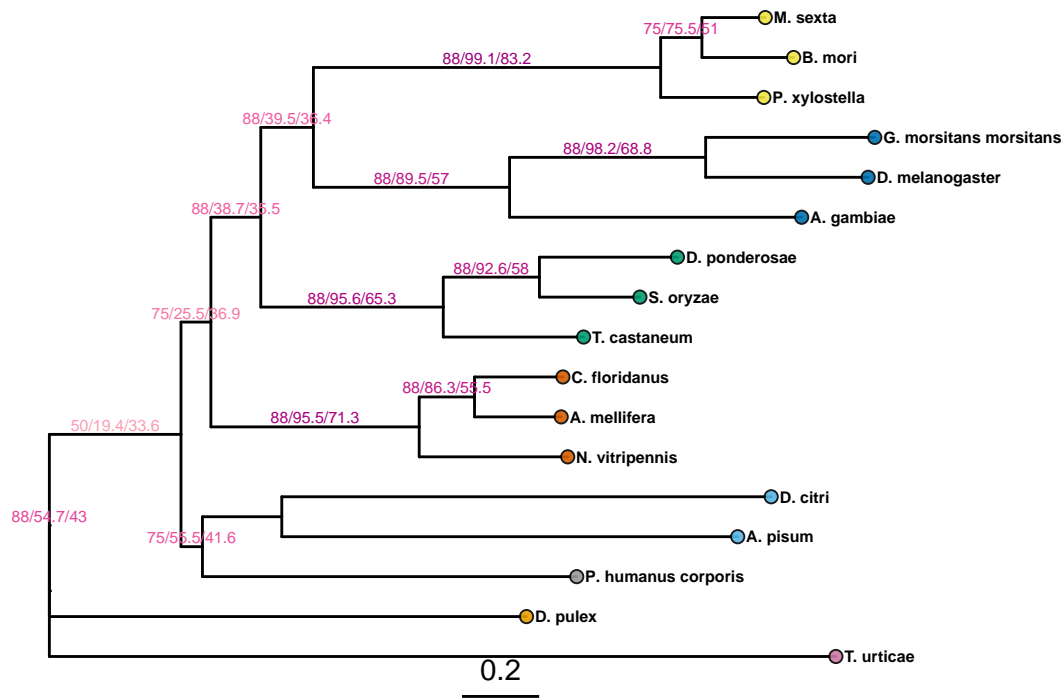
- |               |               |                 |
|---------------|---------------|-----------------|
| Arthropoda    | Chordata      | Nematoda        |
| Ascomycota    | Cnidaria      | Platyhelminthes |
| Basidiomycota | Echinodermata | Streptophyta    |



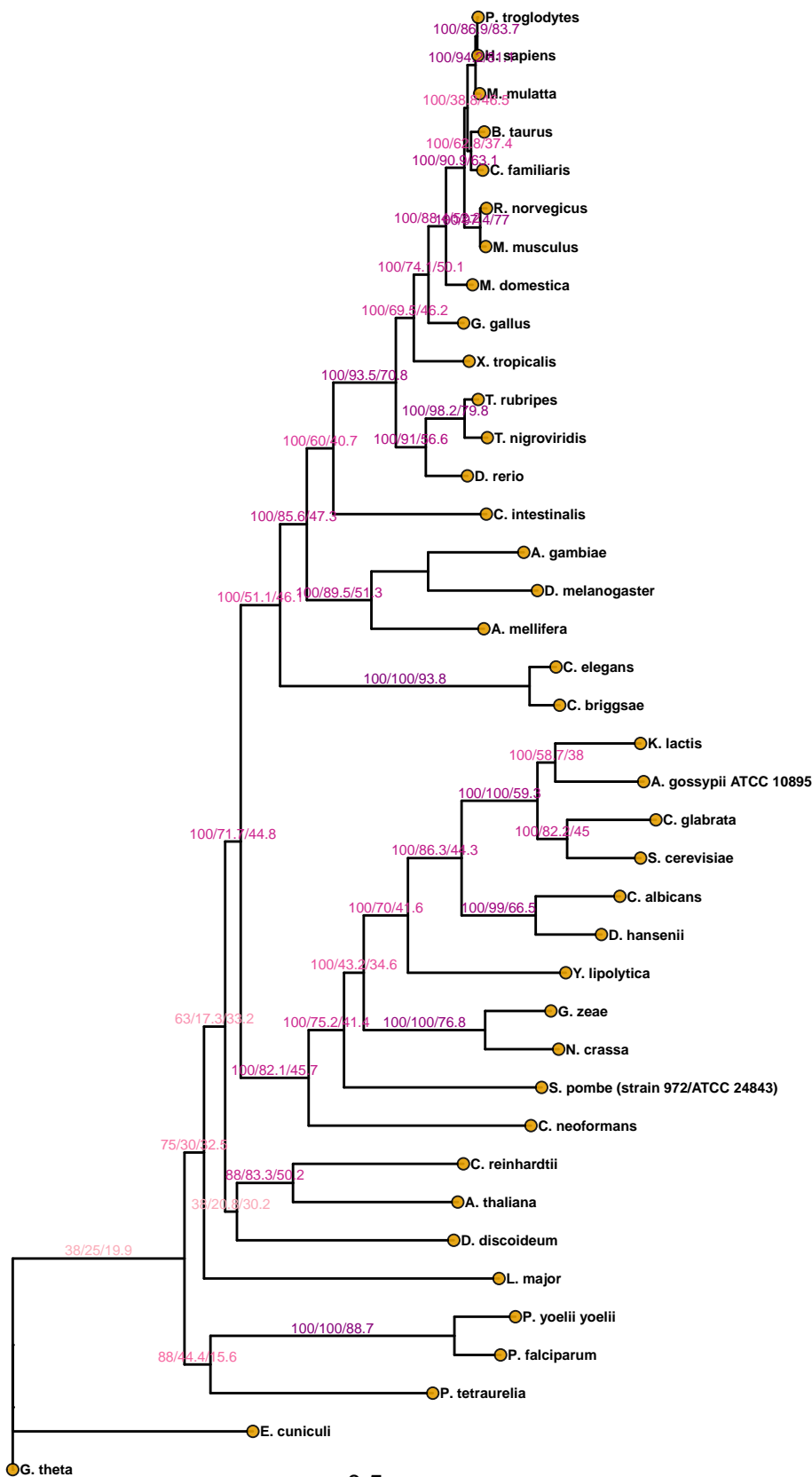
- Apicomplexa
- Chlorophyta
- Streptophyta
- Arthropoda
- Chordata
- Ascomycota
- Nematoda



● Archaea ● Bacteria

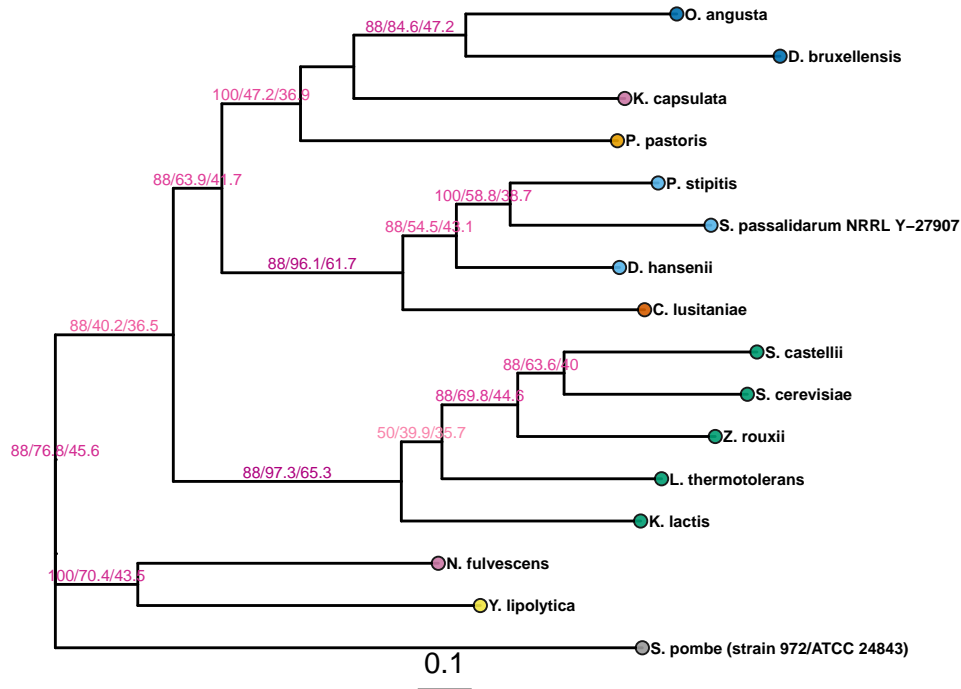


- Coleoptera
 ● Hemiptera
 ● Phthiraptera
- Diplostraca
 ● Hymenoptera
 ● Trombidiformes
- Diptera
 ● Lepidoptera

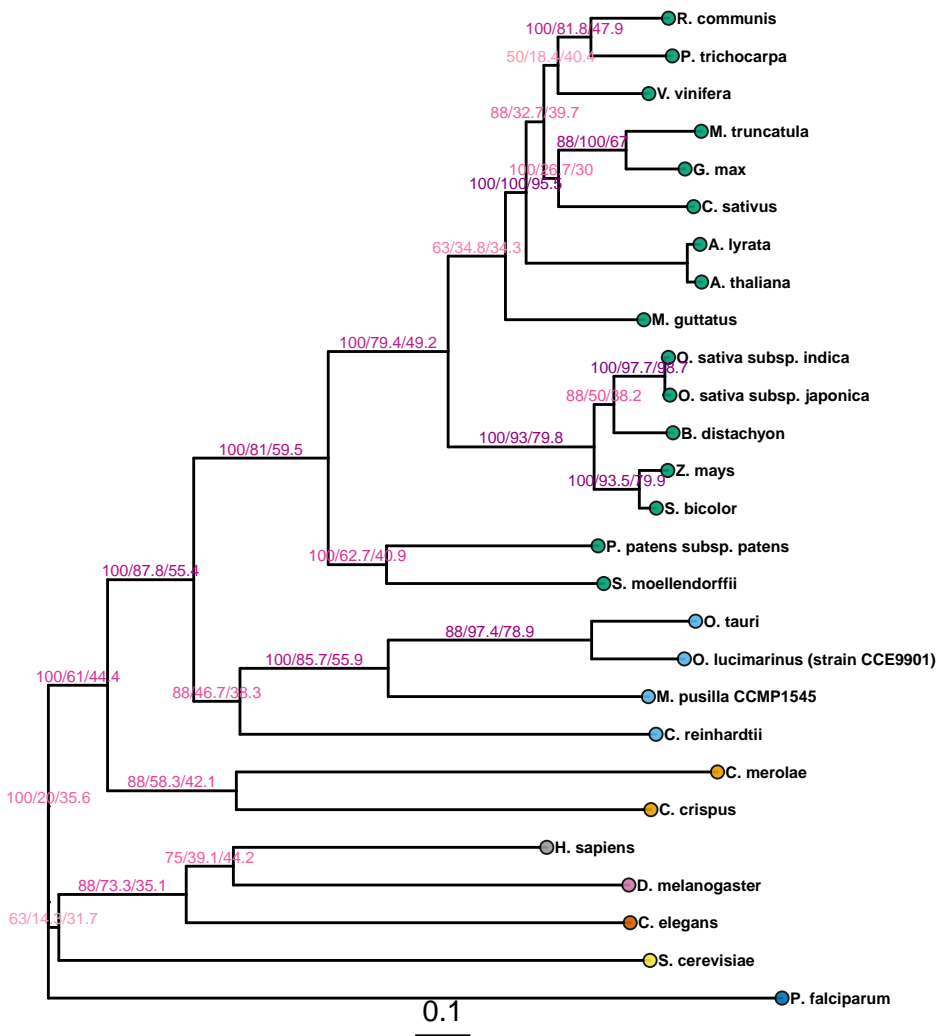


0.5

● Eukaryota

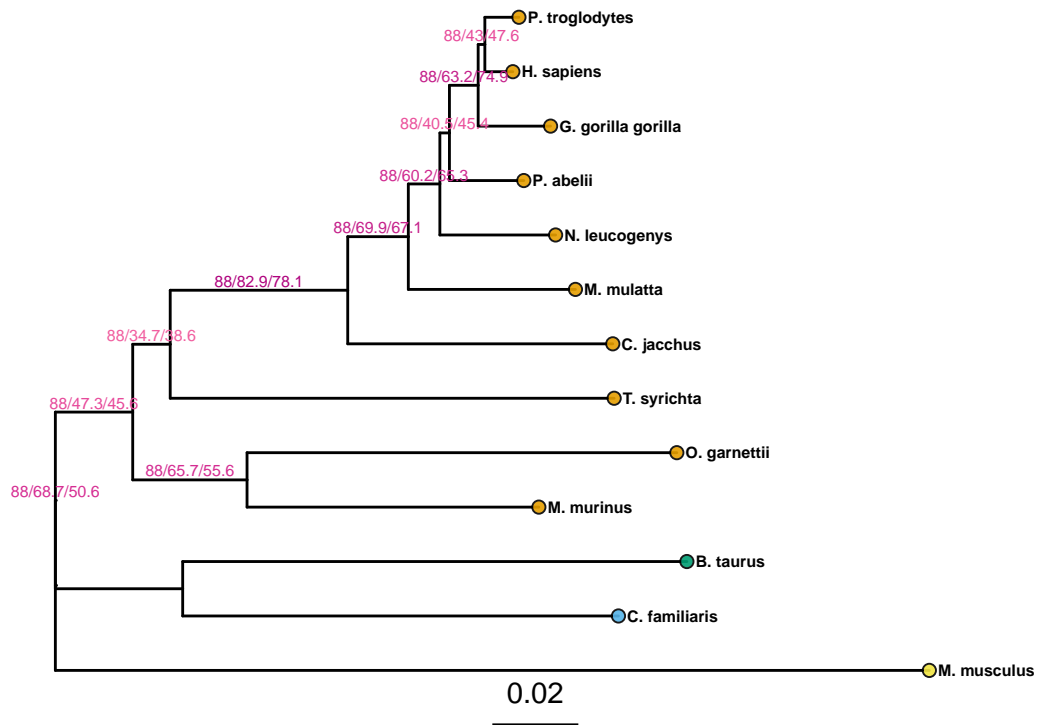


- |                                                         |                                                         |                                                              |
|---------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|
| <span style="color: blue;">●</span> Debaryomycetaceae   | <span style="color: yellow;">●</span> Phaffomycetaceae  | <span style="color: grey;">●</span> Schizosaccharomycetaceae |
| <span style="color: yellow;">●</span> Dipodascaceae     | <span style="color: blue;">●</span> Pichiaceae          | <span style="color: pink;">●</span> Unassigned               |
| <span style="color: orange;">●</span> Metschnikowiaceae | <span style="color: green;">●</span> Saccharomycetaceae |                                                              |

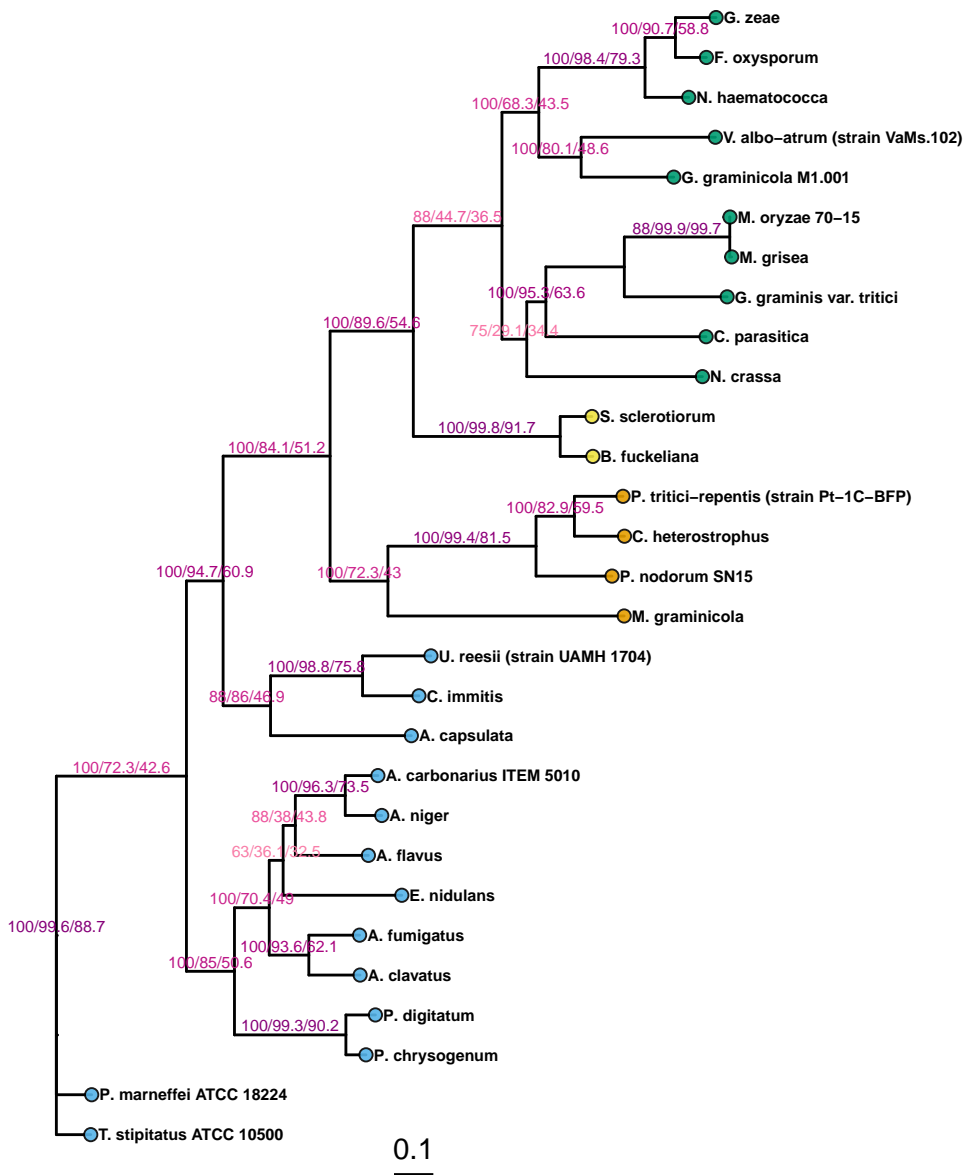


- Apicomplexa
- Chlorophyta
- Rhodophyta
- Arthropoda
- Chordata
- Streptophyta
- Ascomycota
- Nematoda

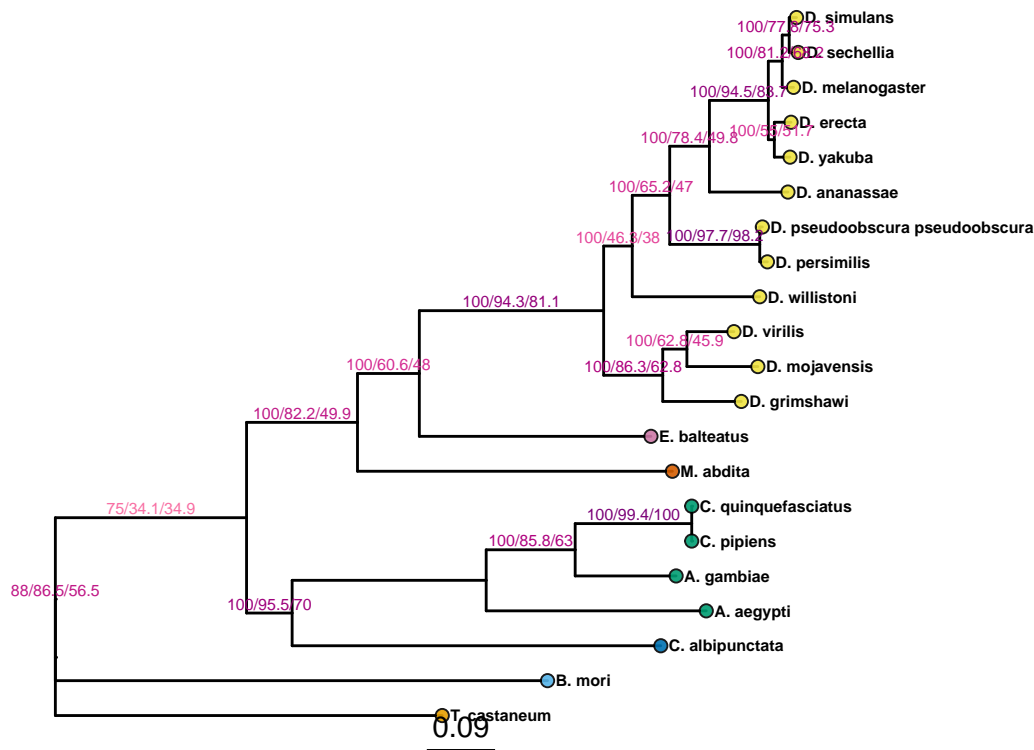




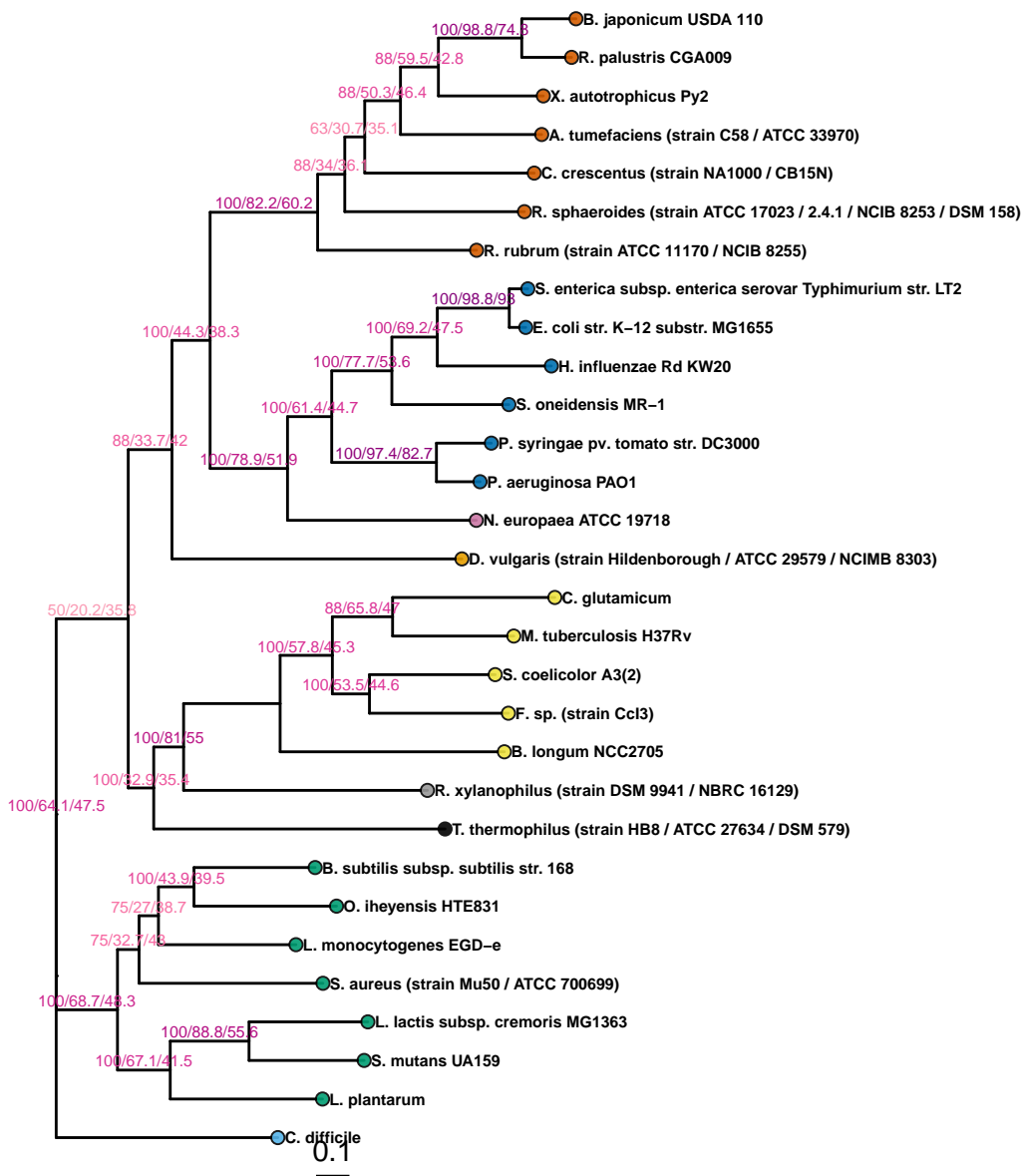
- Artiodactyla
- Primates
- Carnivora
- Rodentia



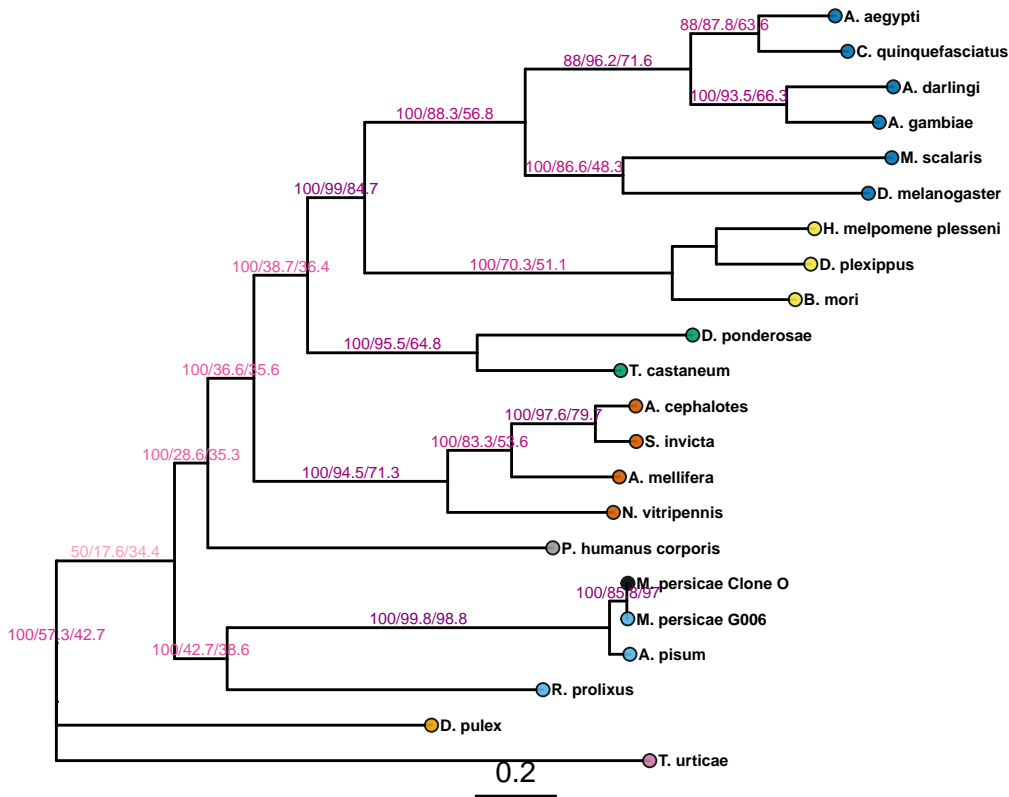
- Dothideomycetes
- Leotiomycetes
- Eurotiomycetes
- Sordariomycetes



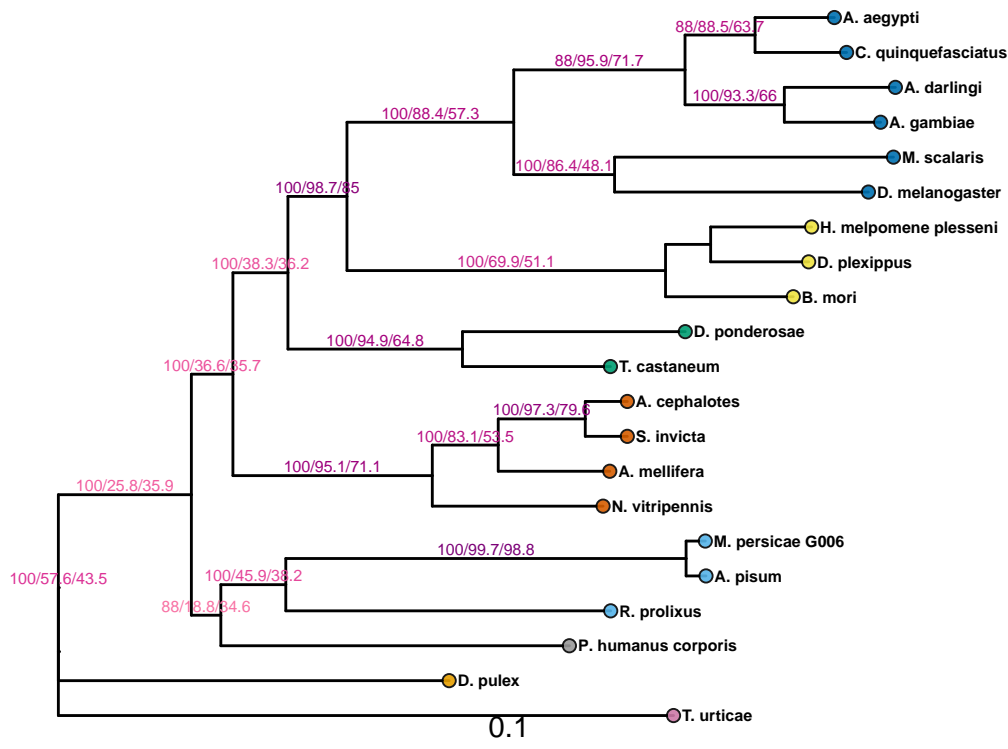
- Bombycidae
- Culicidae
- Drosophilidae
- Phoridae
- Psychodidae
- Syrphidae
- Tenebrionidae



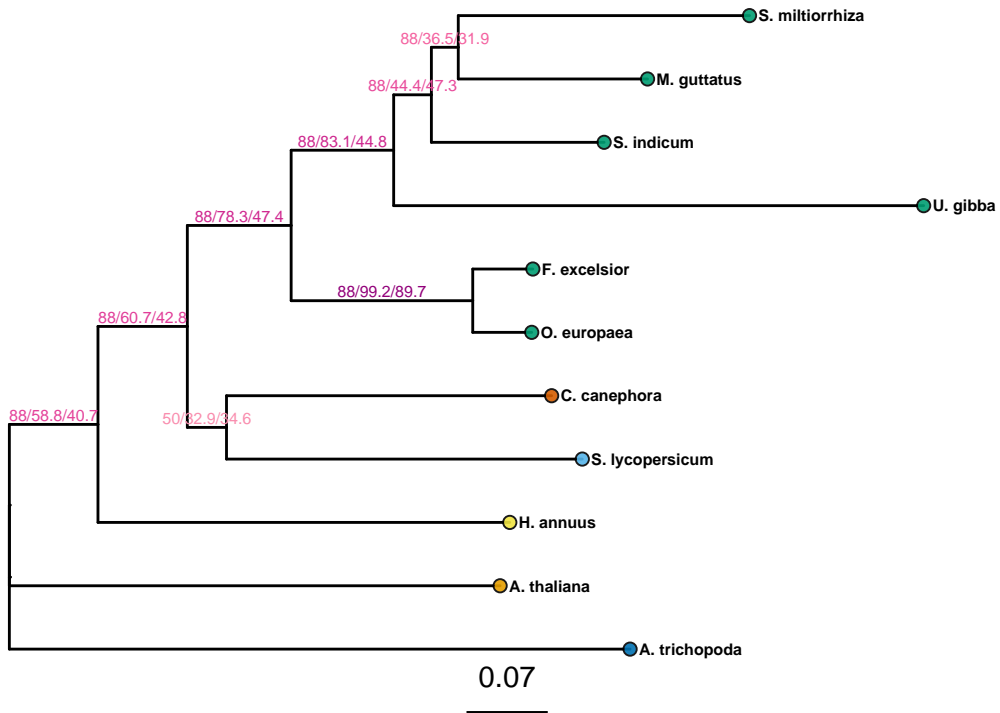
- Actinomycetes
- Alphaproteobacteria
- Bacilli
- Betaproteobacteria
- Clostridia
- Deinococci
- Deltaproteobacteria
- Gammaproteobacteria
- Rubrobacteria



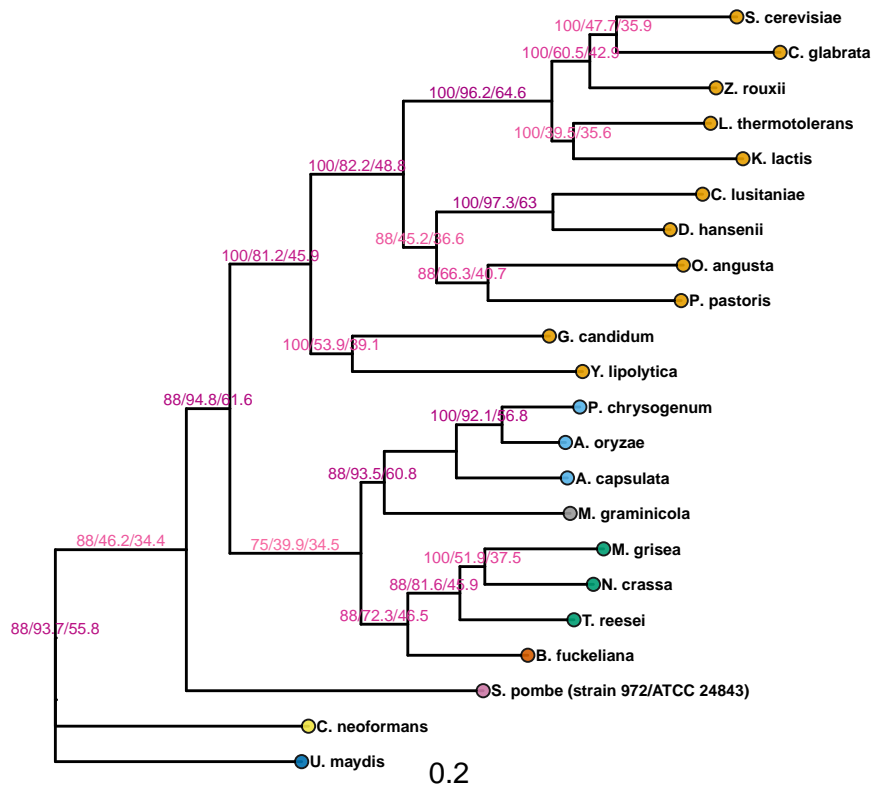
- Diptera
- Lepidoptera
- Coleoptera
- Hemiptera
- Phthiraptera
- Diplostraca
- Hymenoptera
- Trombidiformes



- Coleoptera
- Hemiptera
- Phthiraptera
- Diplostraca
- Hymenoptera
- Trombidiformes
- Diptera
- Lepidoptera

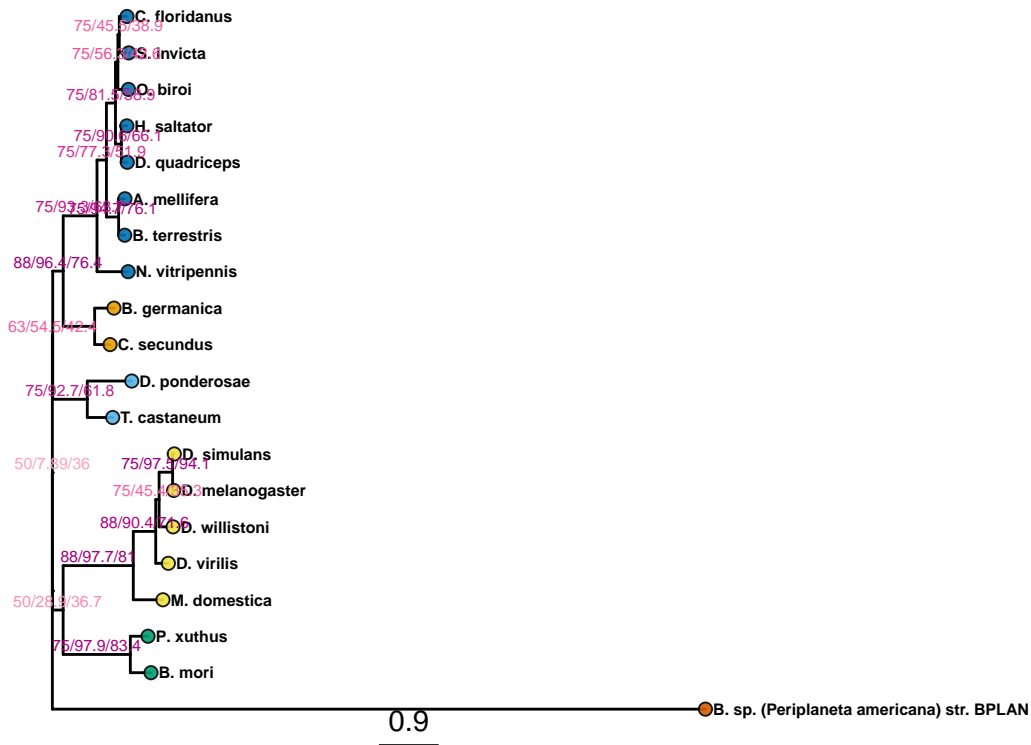


- Amborellales
- Brassicales
- Lamiales
- Asterales
- Gentianales
- Solanales

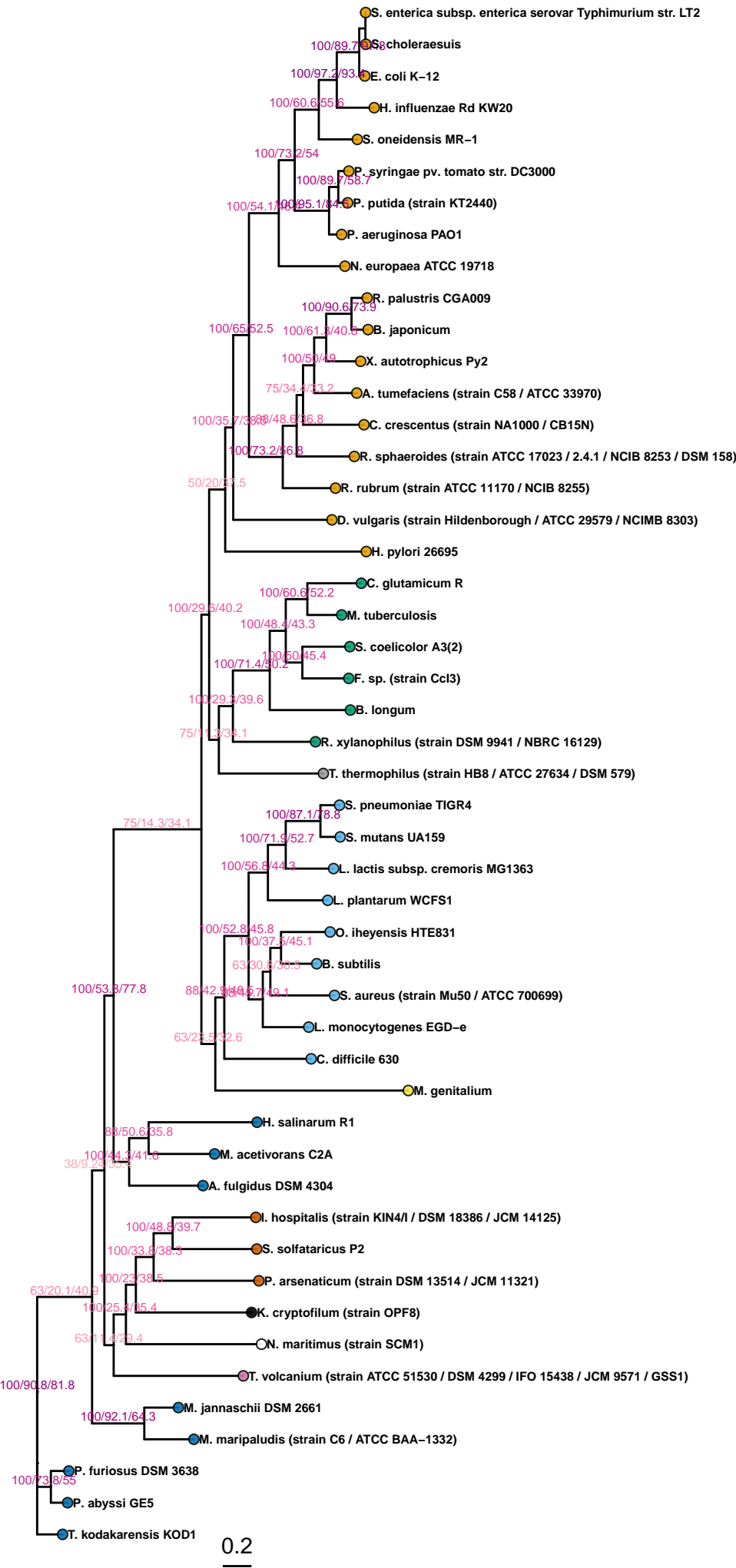


- Dothideomycetes
- Saccharomycetes
- Tremellomycetes
- Eurotiomycetes
- Schizosaccharomycetes
- Ustilaginomycetes
- Leotiomyces
- Sordariomycetes

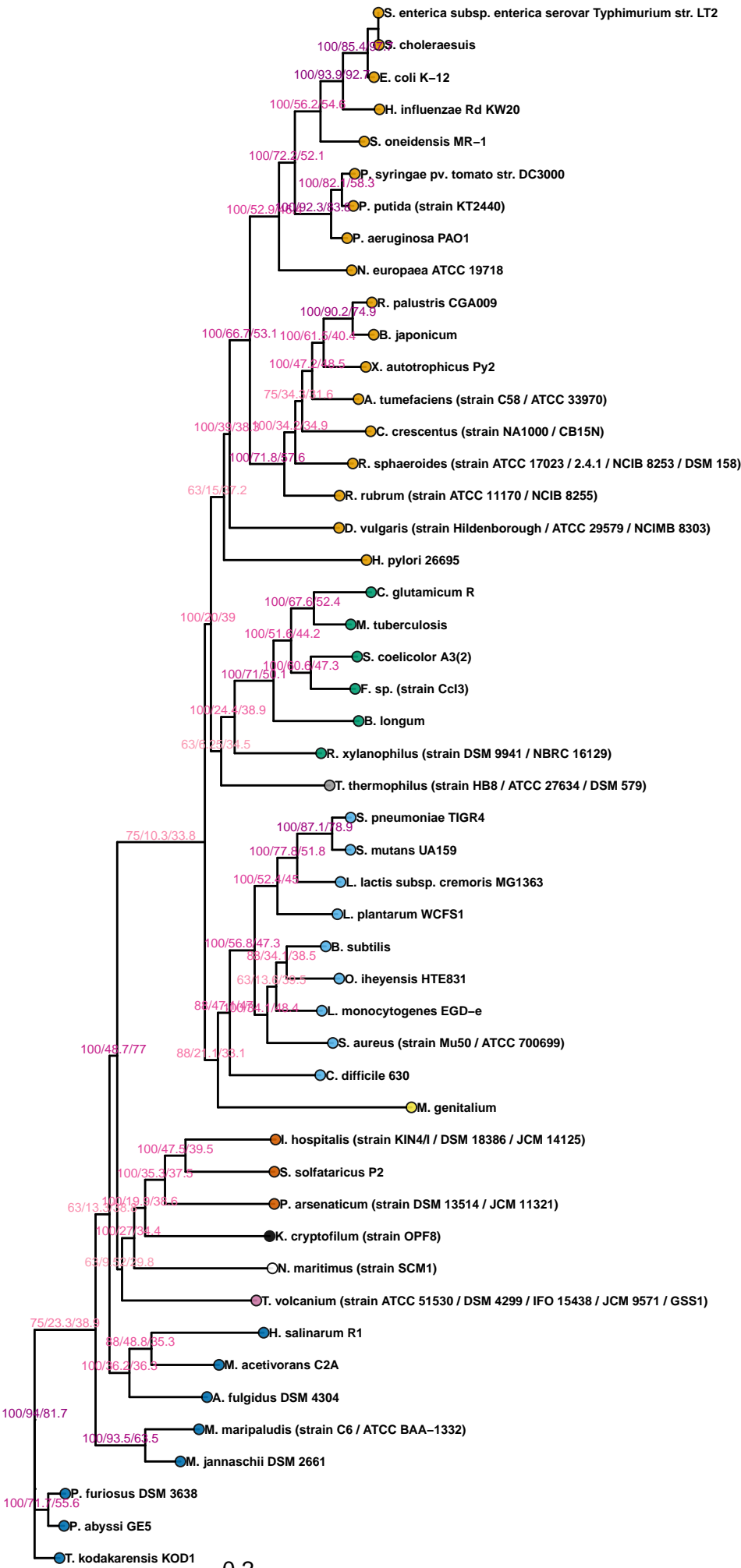




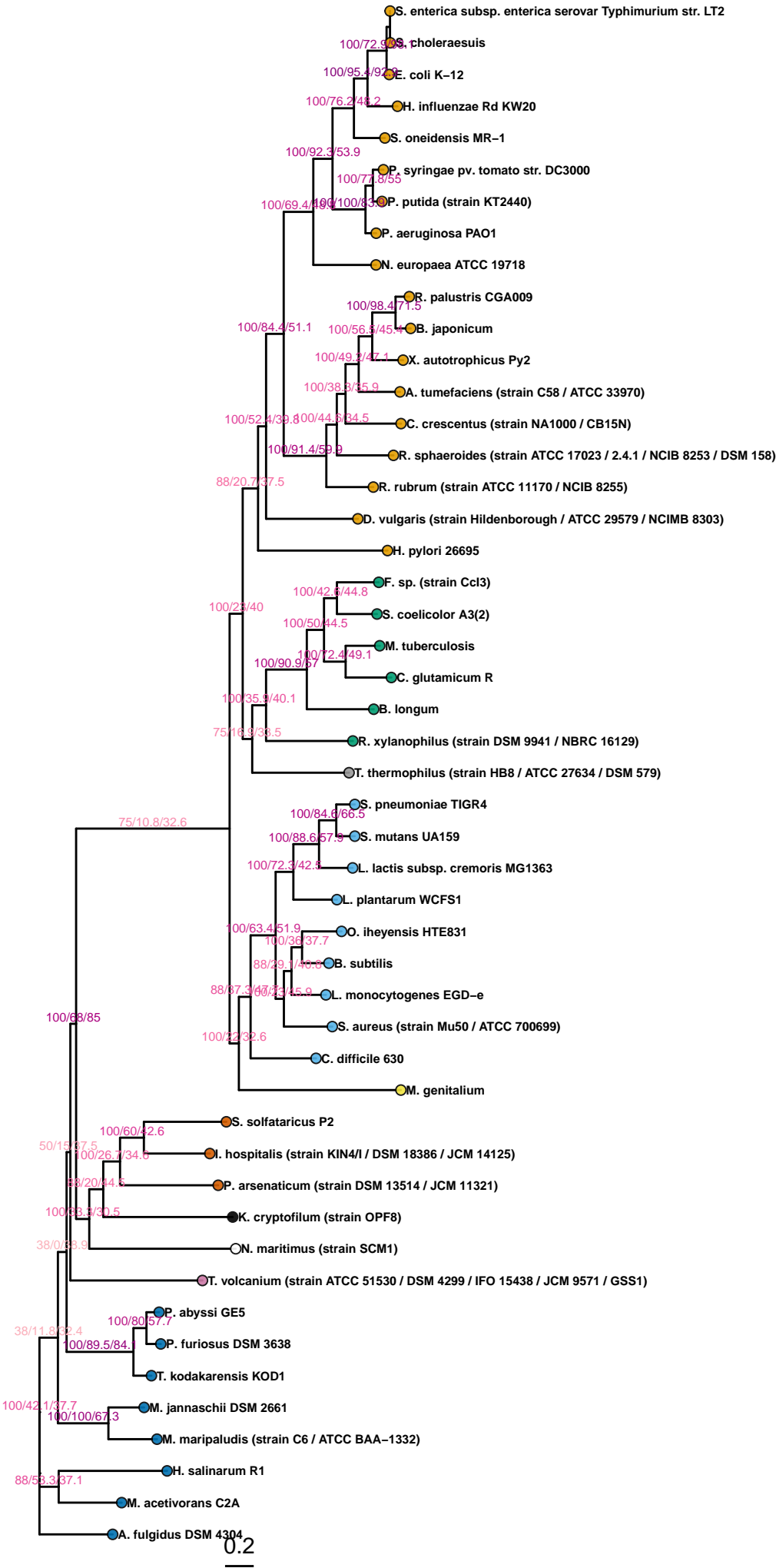
- Blattodea
- Diptera
- Hymenoptera
- Coleoptera
- Flavobacteriales
- Lepidoptera



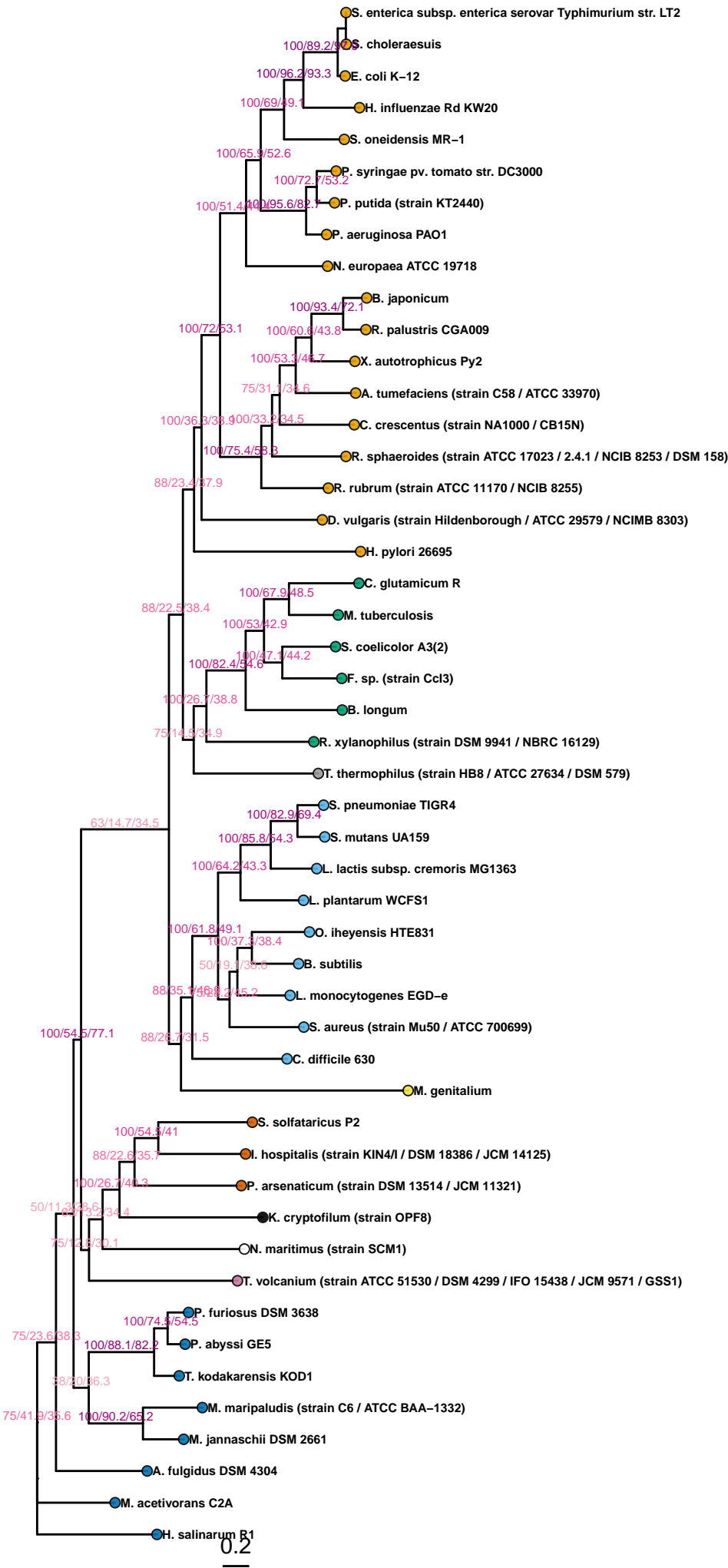
- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus-Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |



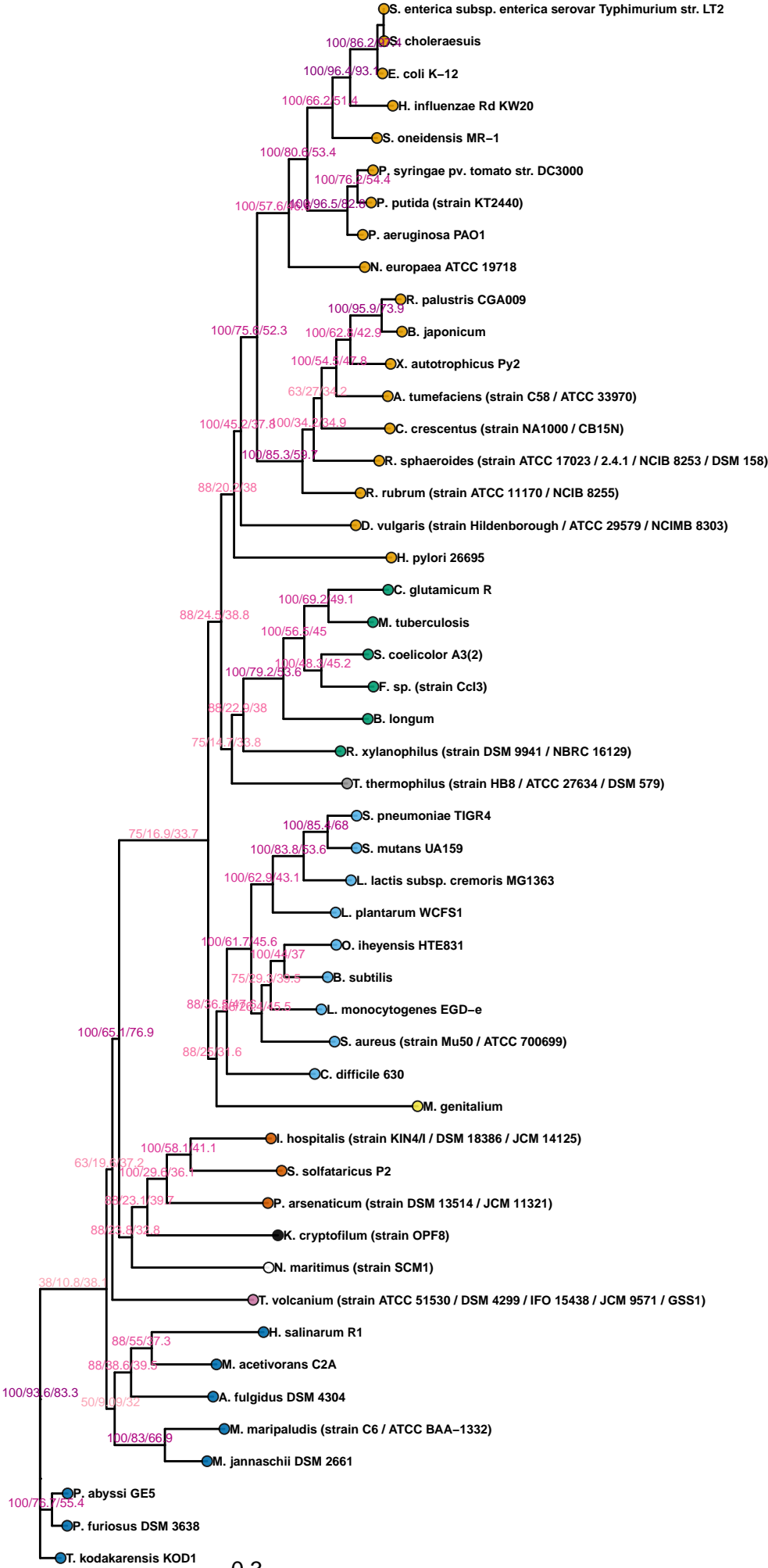
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|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus–Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |



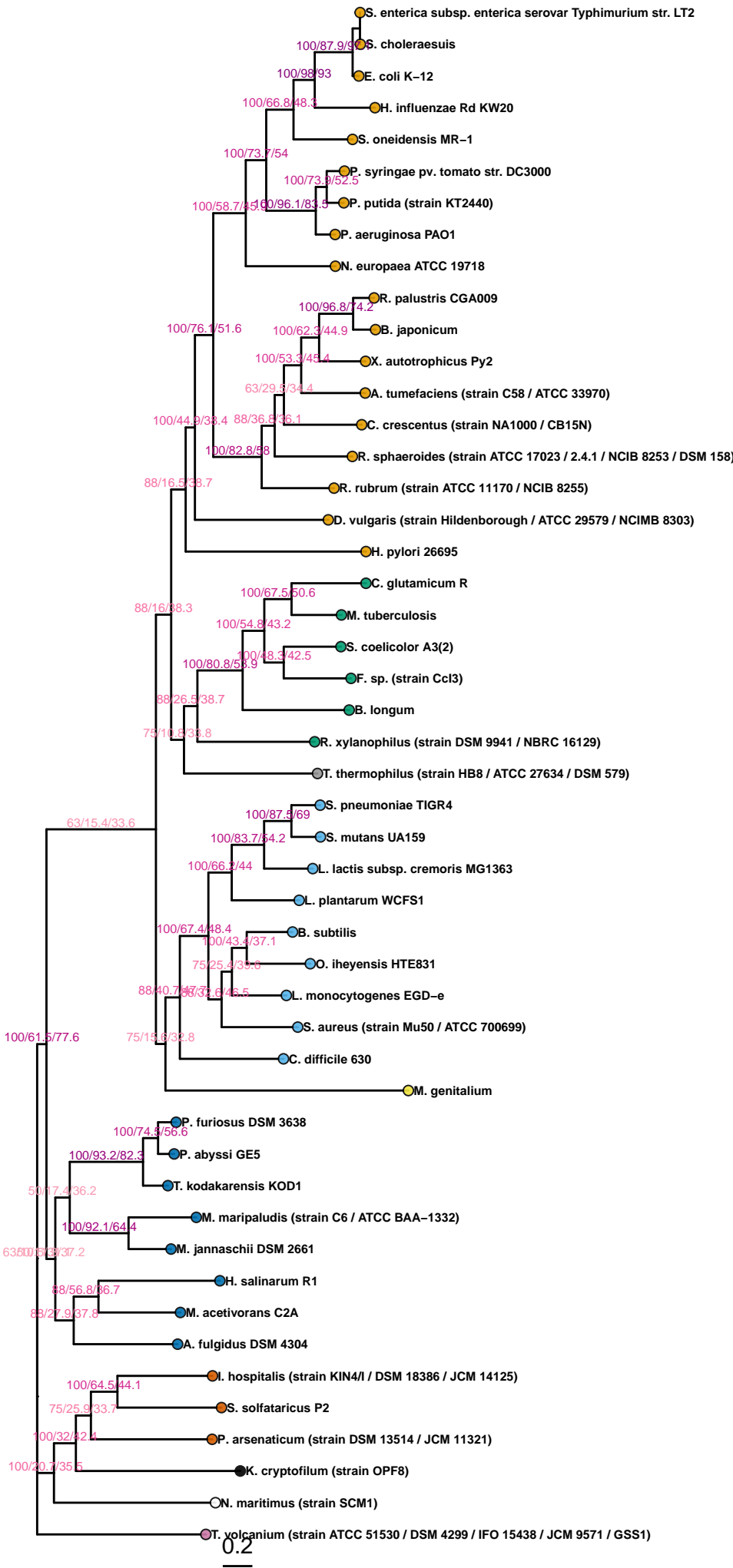
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|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus–Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |



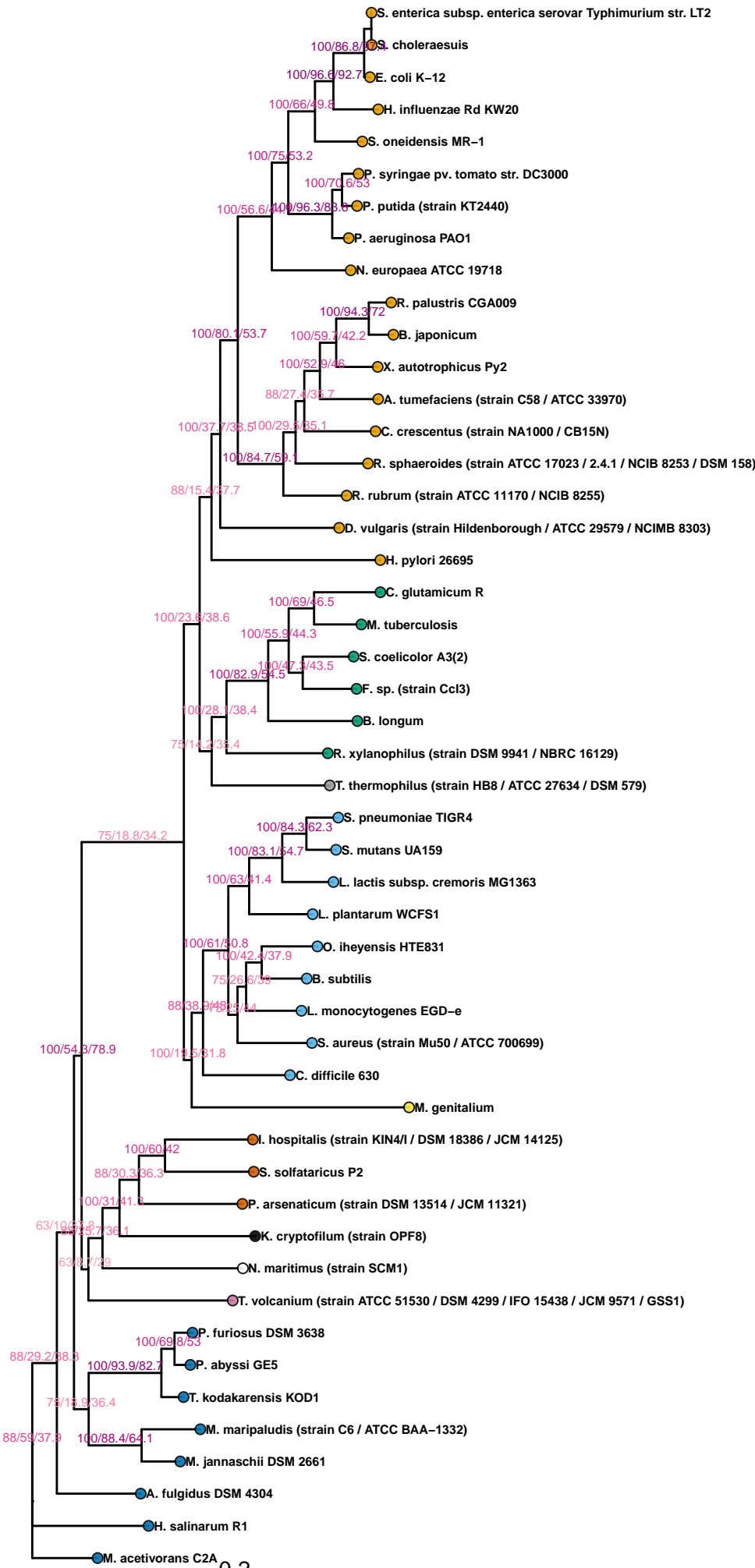
- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus-Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |



- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus-Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |

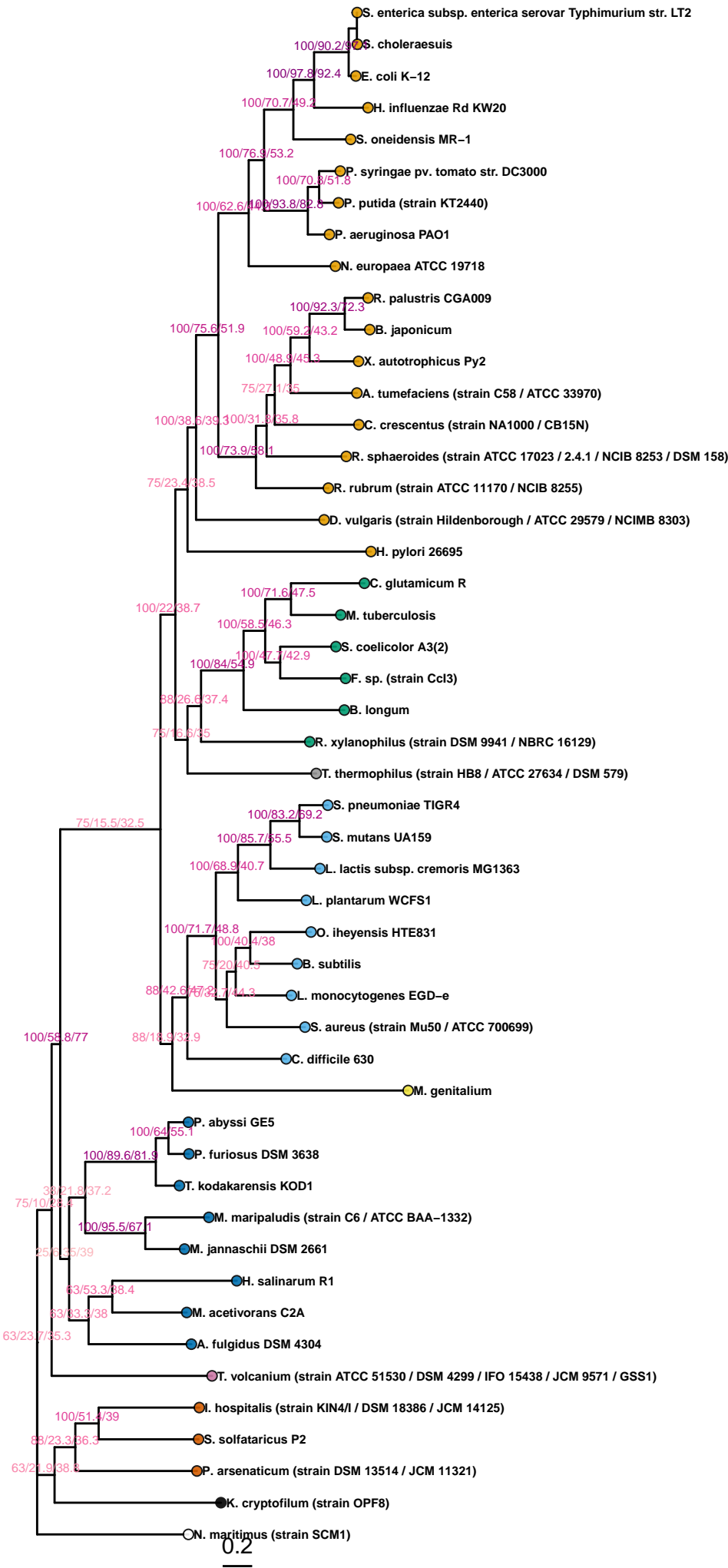












- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus–Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |

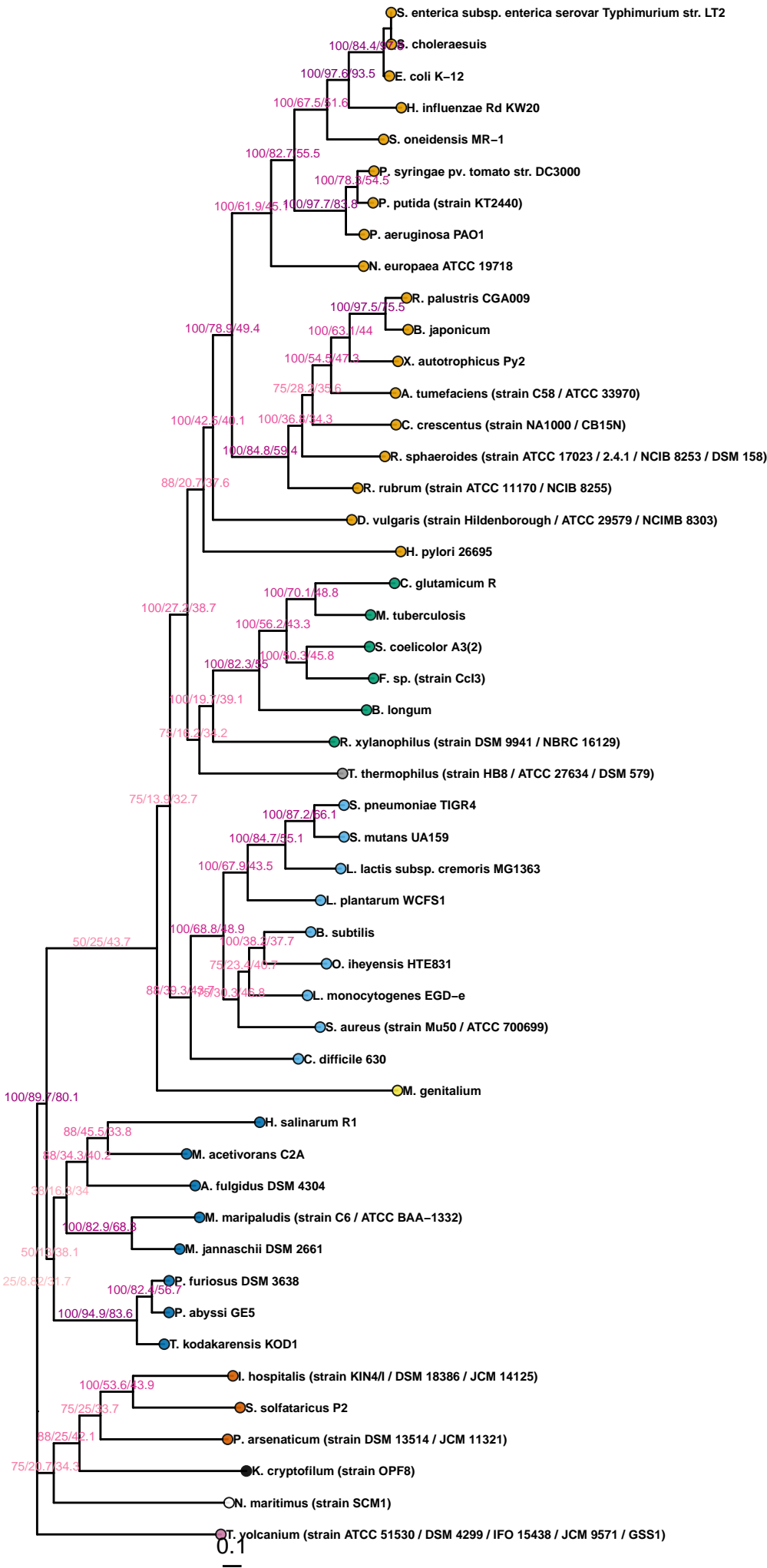


- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus-Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |

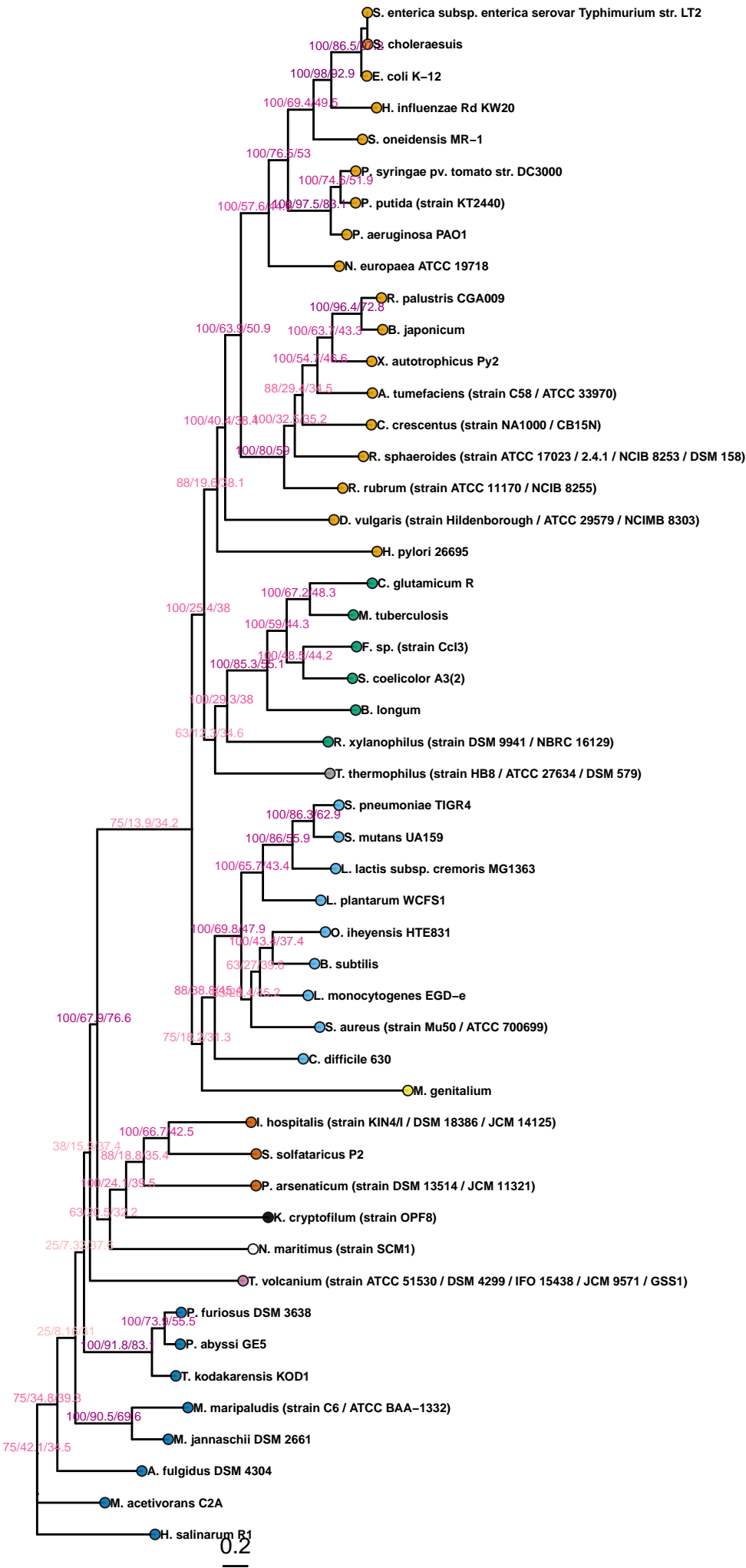




- |                                                                                                                 |                                                                                                         |                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  Actinomycetota              |  Crenarchaeota       |  Tenericutes    |
|  Bacillota                   |  Deinococcus-Thermus |  Thaumarchaeota |
|  Candidatus Korarchaeota     |  Euryarchaeota       |                                                                                                    |
|  Candidatus Thermoplasmatota |  Pseudomonadota      |                                                                                                    |



- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus-Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |



Actinomycetota

Bacillota

Candidatus Korarchaeota

Candidatus Thermoplasmatota

Crenarchaeota

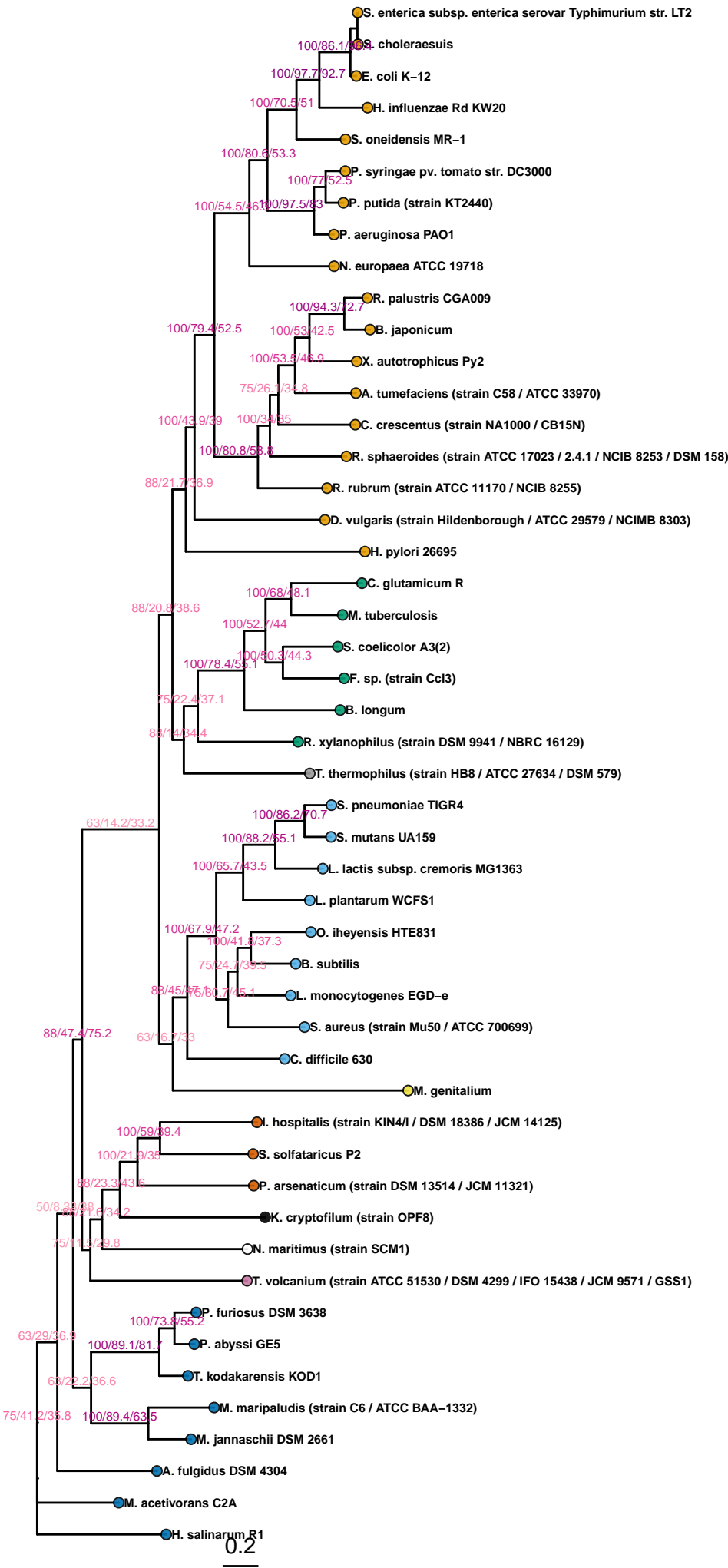
Deinococcus-Thermus

Euryarchaeota

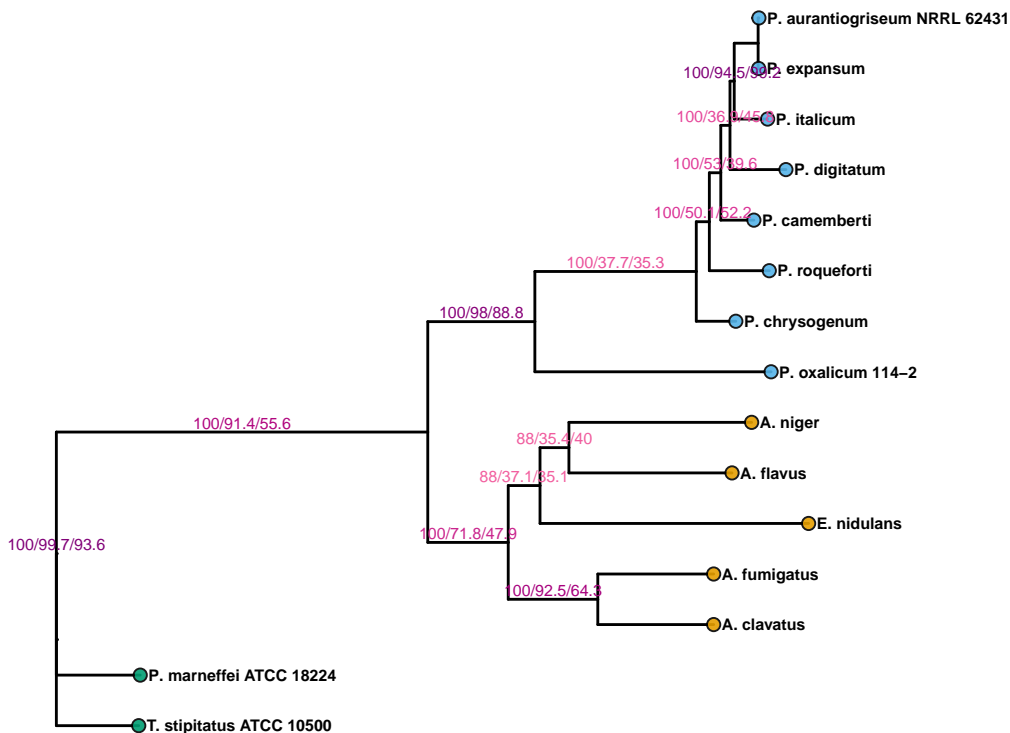
Pseudomonadota

Tenericutes

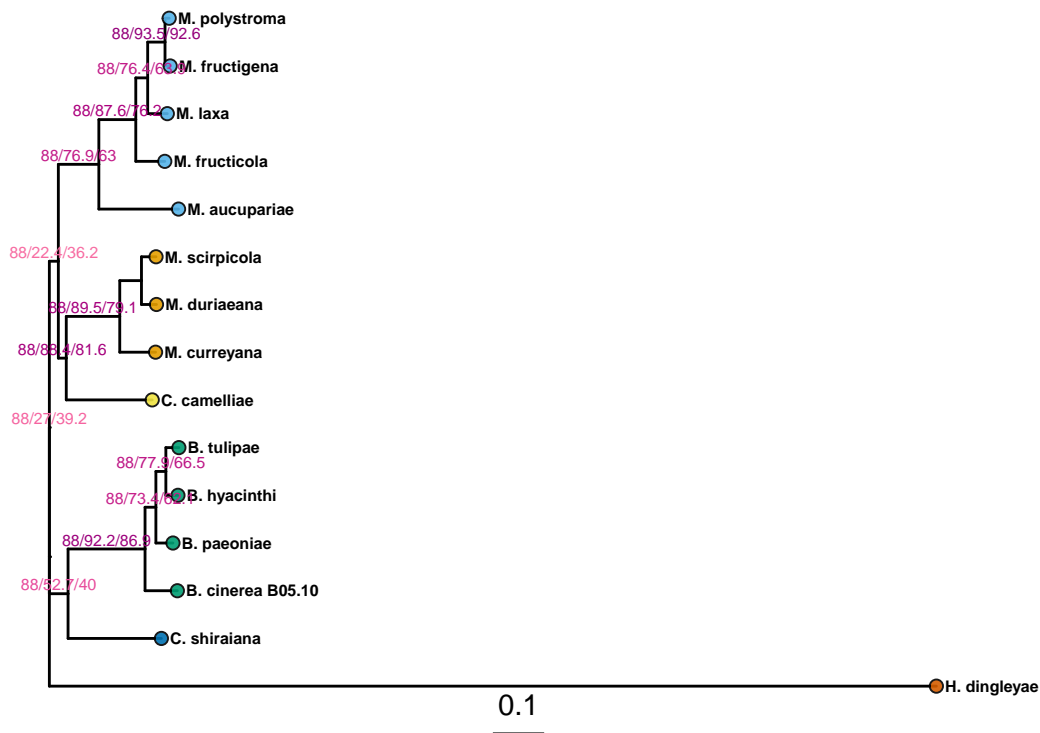
Thaumarchaeota



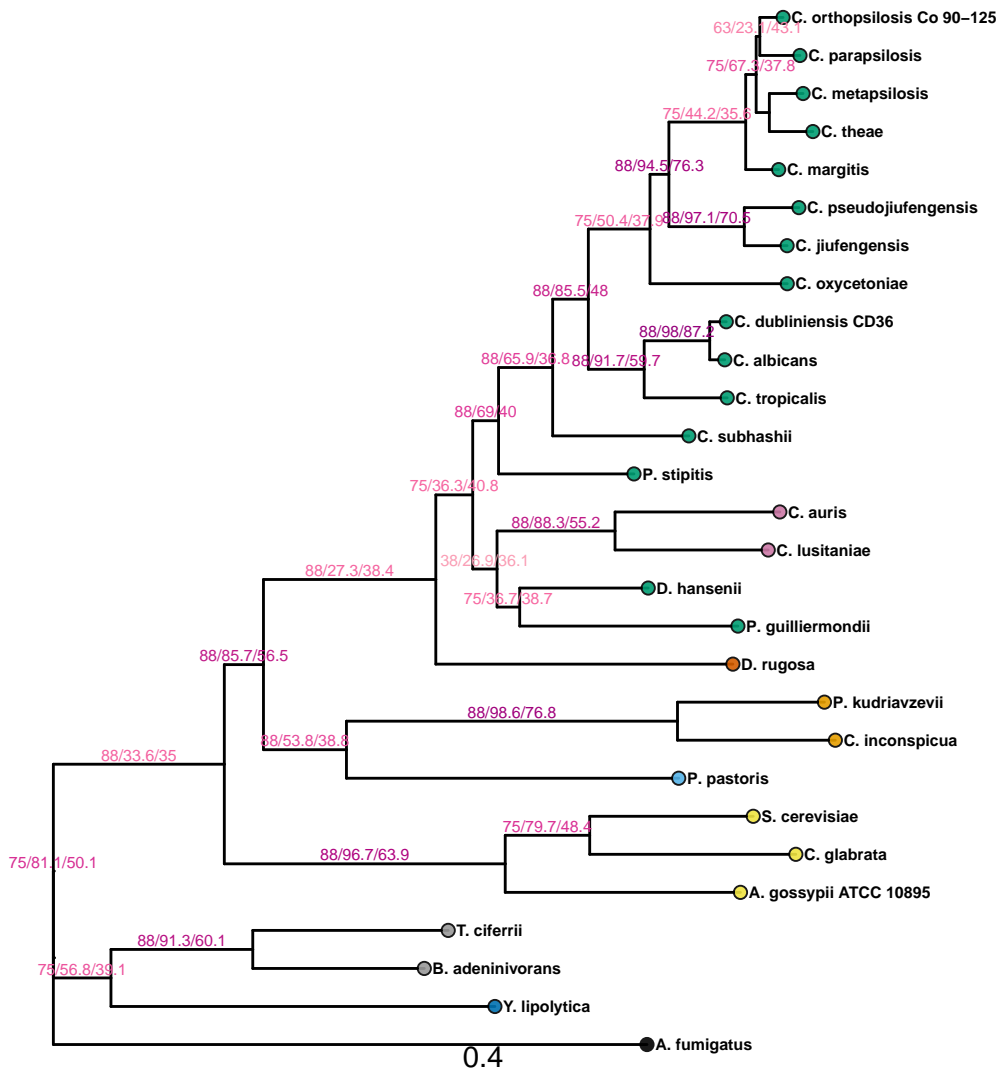
- |                             |                     |                |
|-----------------------------|---------------------|----------------|
| Actinomycetota              | Crenarchaeota       | Tenericutes    |
| Bacillota                   | Deinococcus-Thermus | Thaumarchaeota |
| Candidatus Korarchaeota     | Euryarchaeota       |                |
| Candidatus Thermoplasmatota | Pseudomonadota      |                |



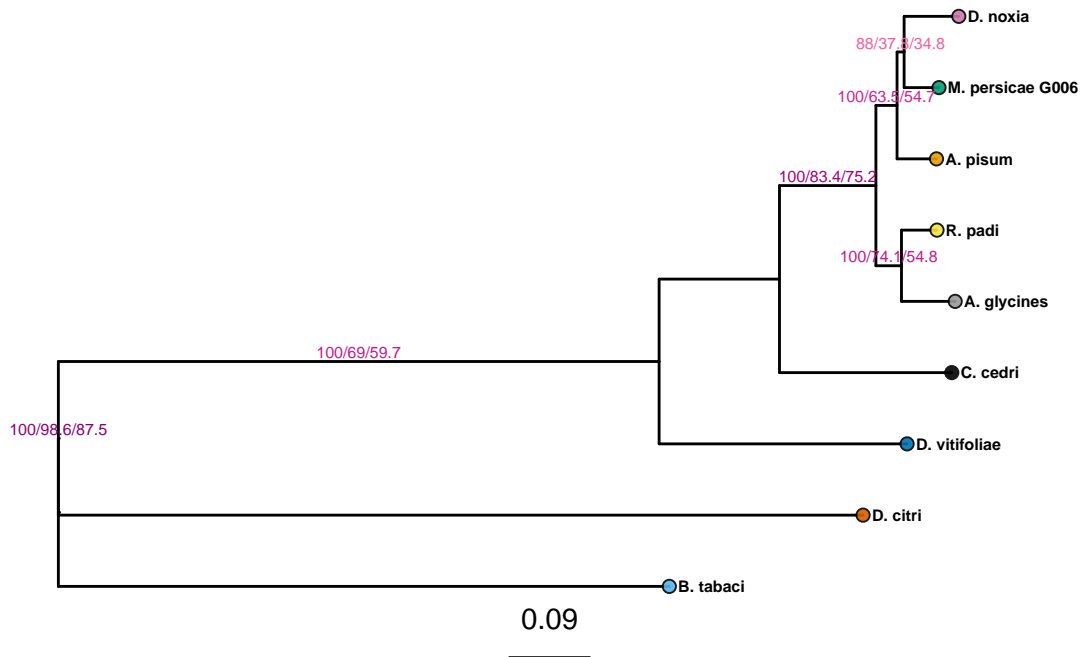
● Aspergillus ● Penicillium ● Talaromyces



- Botrytis
- Ciborinia
- Monilinia
- Ciboria
- Hymenotorrendiella
- Myriosclerotinia

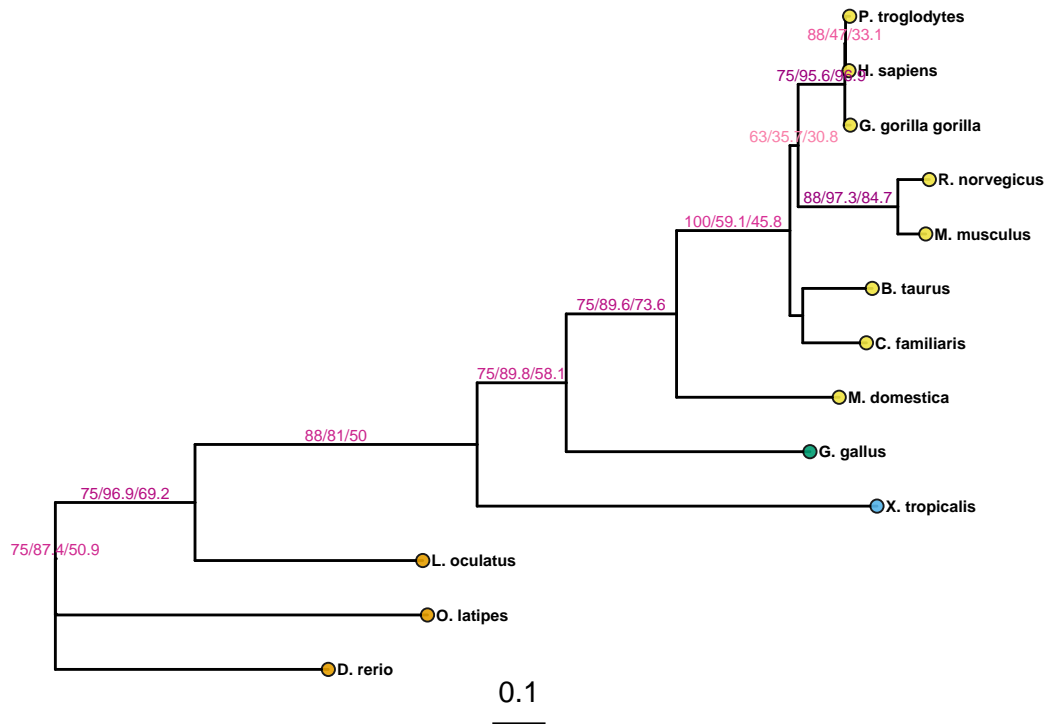


- Aspergillaceae
- Debaryomycetaceae
- Dipodascaceae
- Metschnikowiaceae
- Phaffomycetaceae
- Pichiaceae
- Saccharomycetaceae
- Trichomonascaceae
- Unassigned

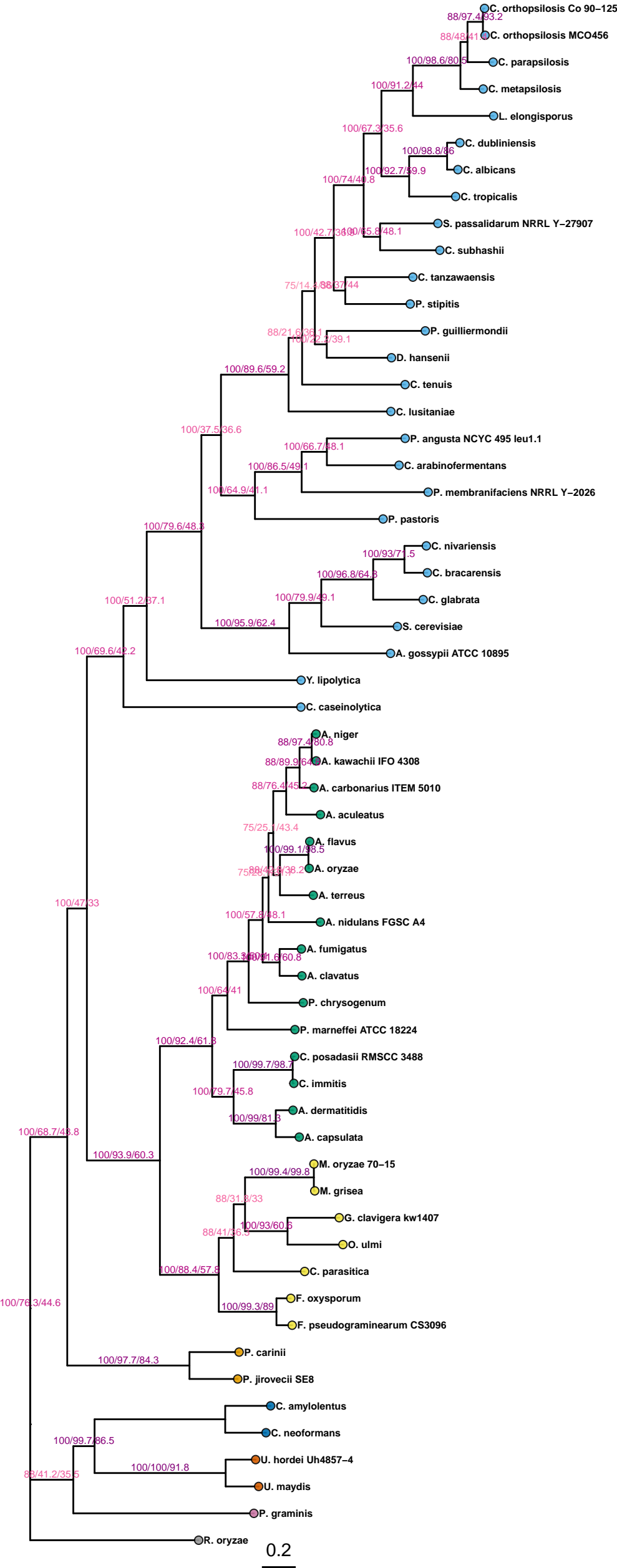


- |                 |                  |                 |
|-----------------|------------------|-----------------|
| ● Acyrthosiphon | ● Cinara         | ● Diuraphis     |
| ● Aphis         | ● Daktulosphaira | ● Myzus         |
| ● Bemisia       | ● Diaphorina     | ● Rhopalosiphum |





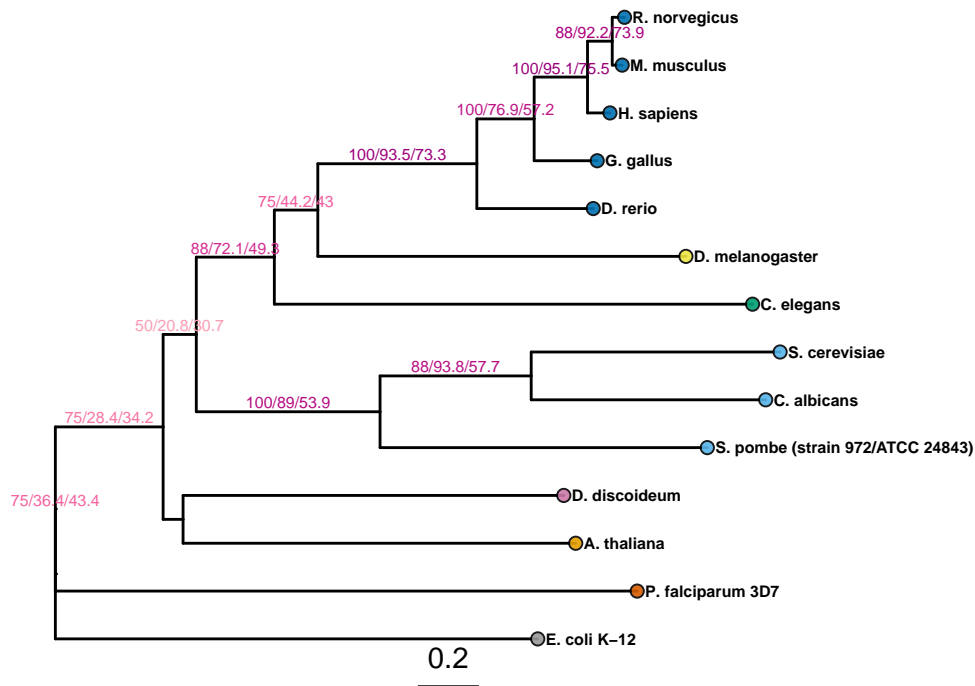
- Actinopteri
- Aves
- Amphibia
- Mammalia



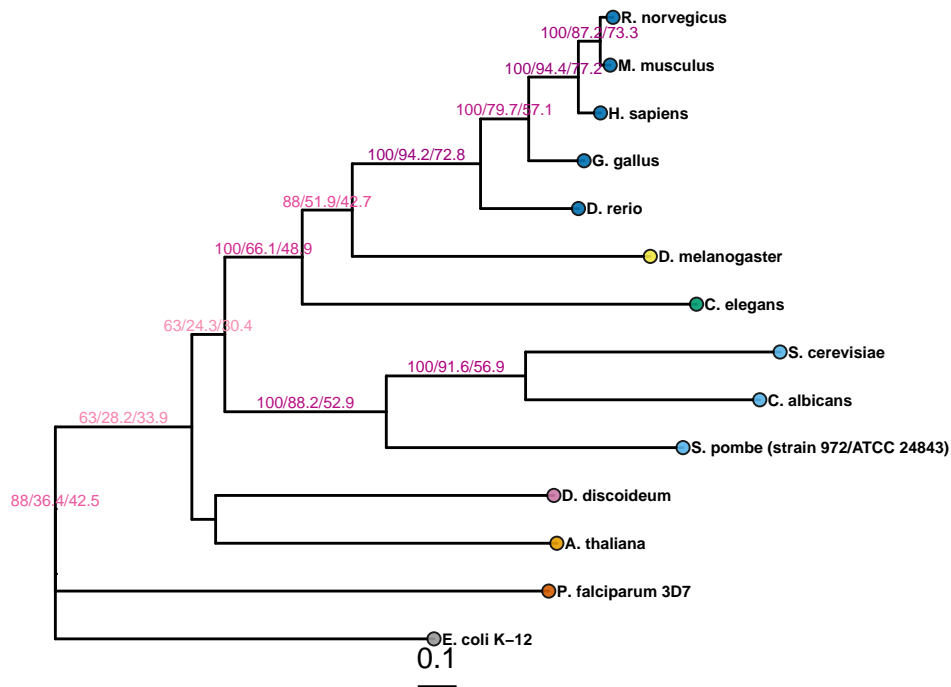
- Eurotiomycetes
- Pucciniomycetes
- Tremellomycetes
- Mucoromycetes
- Saccharomycetes
- Ustilaginomycetes
- Pneumocystidomycetes
- Sordariomycetes



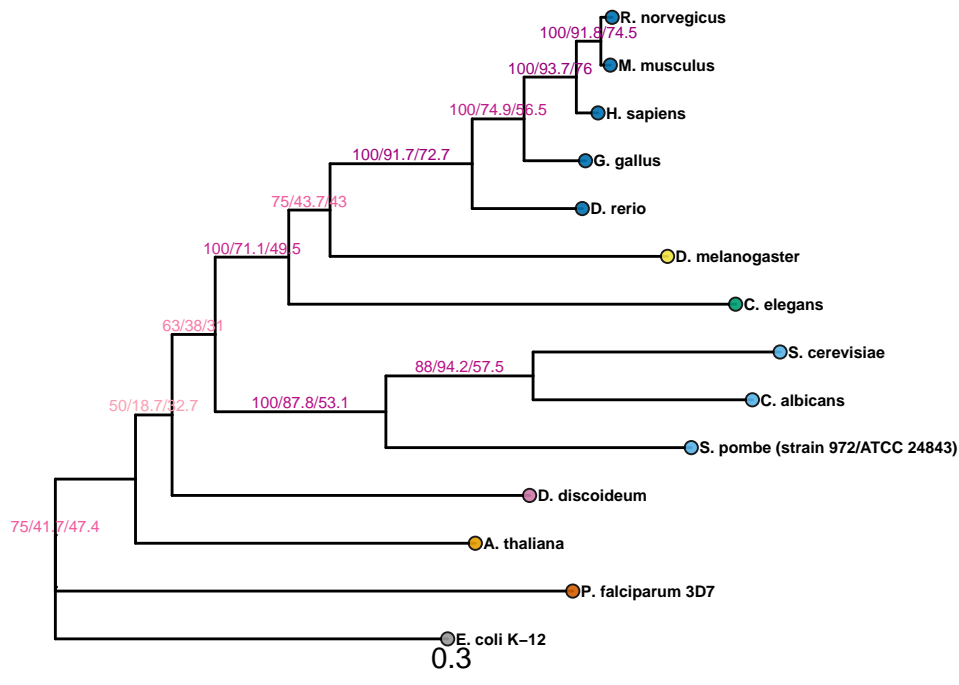
● Eukaryota



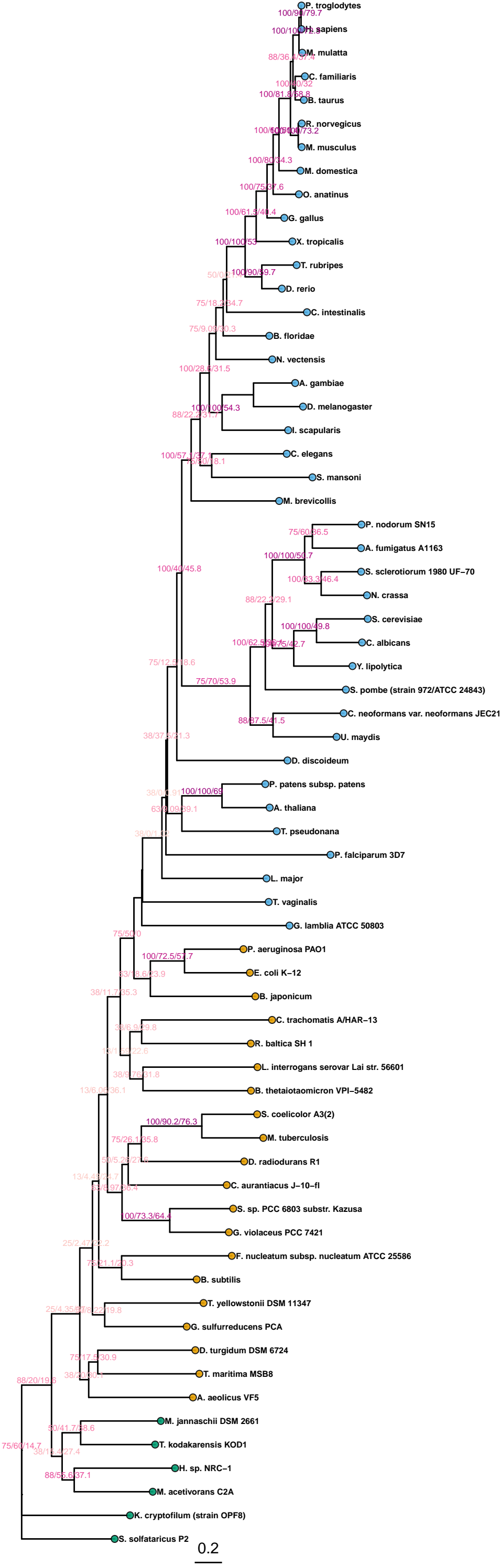
- |                                                     |                                               |                                                    |
|-----------------------------------------------------|-----------------------------------------------|----------------------------------------------------|
| <span style="color: orange;">●</span> Apicomplexa   | <span style="color: blue;">●</span> Chordata  | <span style="color: grey;">●</span> Pseudomonadota |
| <span style="color: yellow;">●</span> Arthropoda    | <span style="color: pink;">●</span> Eusea     | <span style="color: orange;">●</span> Streptophyta |
| <span style="color: lightblue;">●</span> Ascomycota | <span style="color: green;">●</span> Nematoda |                                                    |



- Apicomplexa
- Chordata
- Pseudomonadota
- Arthropoda
- Evosea
- Streptophyta
- Ascomycota
- Nematoda

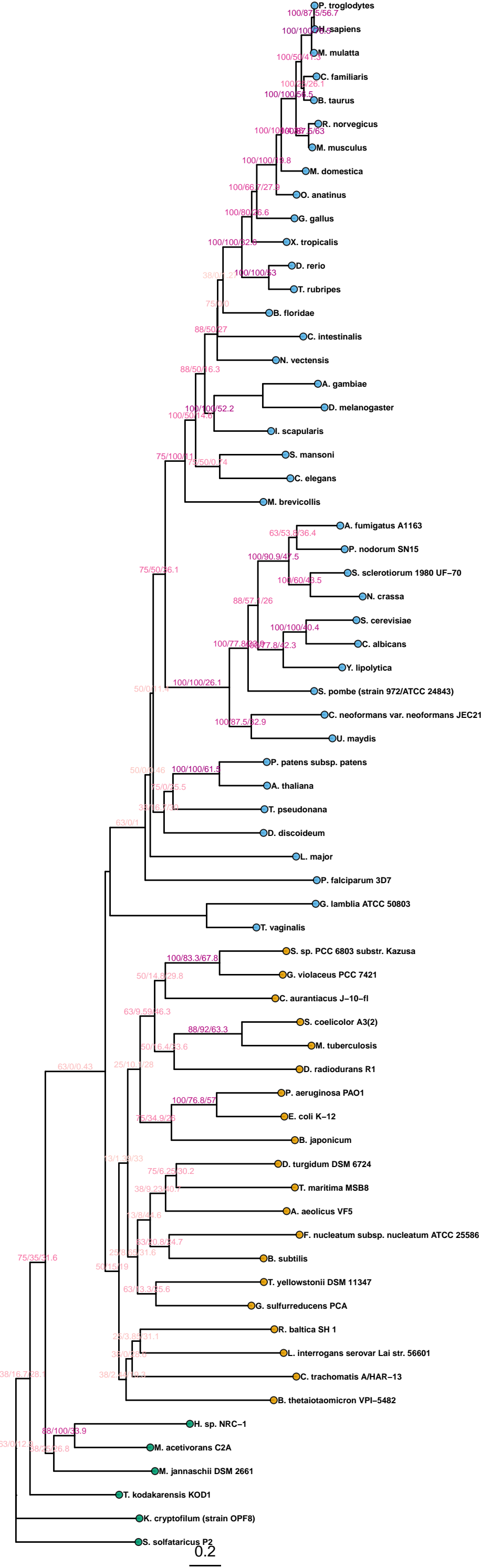


- Apicomplexa
- Chordata
- Pseudomonadota
- Arthropoda
- Evosea
- Streptophyta
- Ascomycota
- Nematoda



0.2

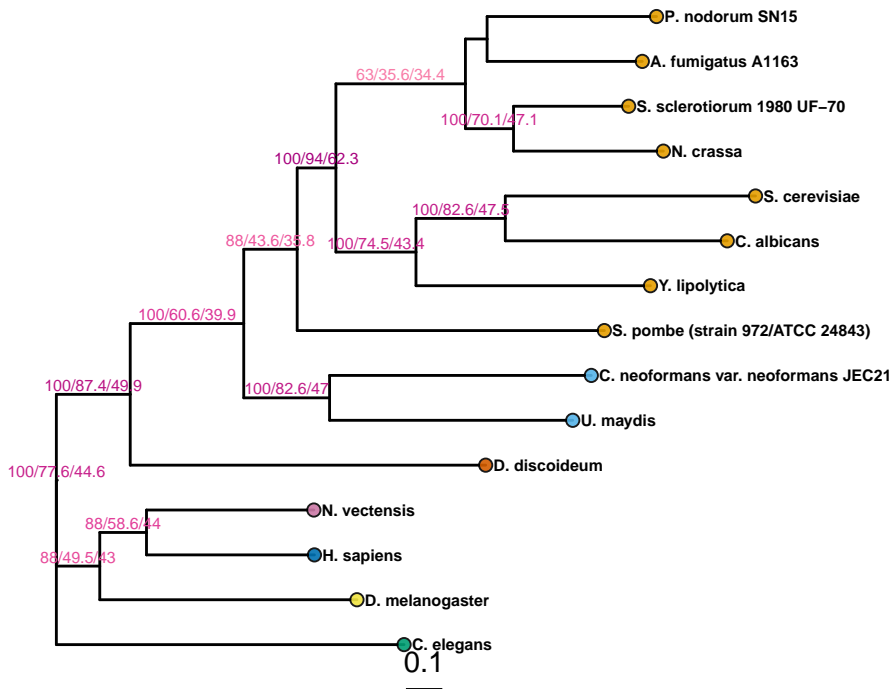
Archaea Bacteria Eukaryota



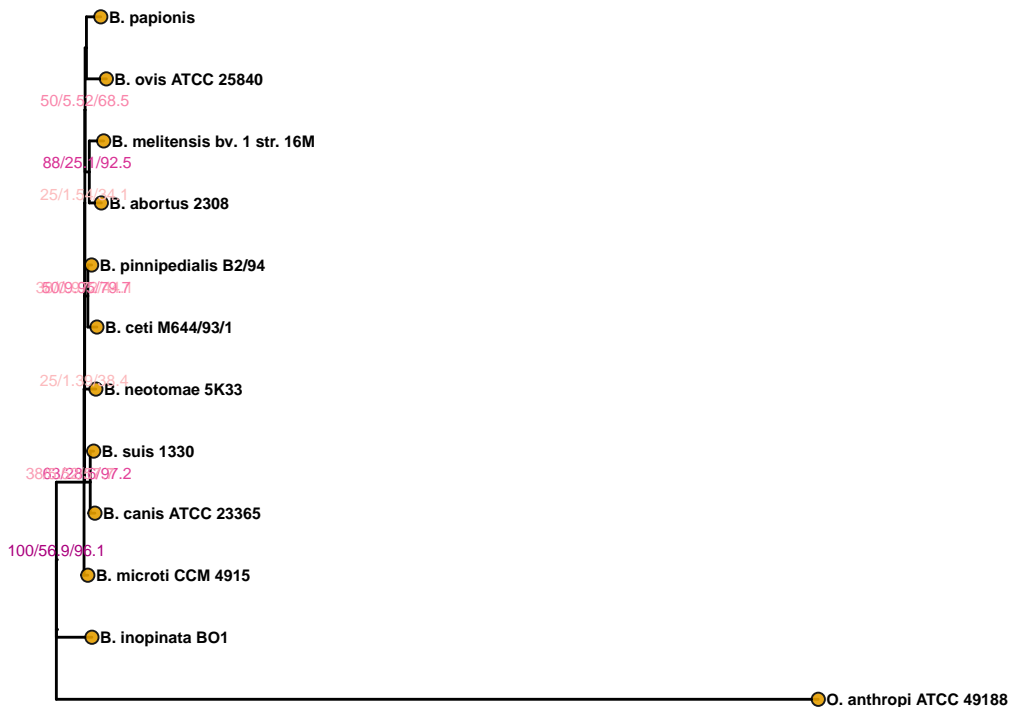
0.2

Archaea Bacteria Eukaryota



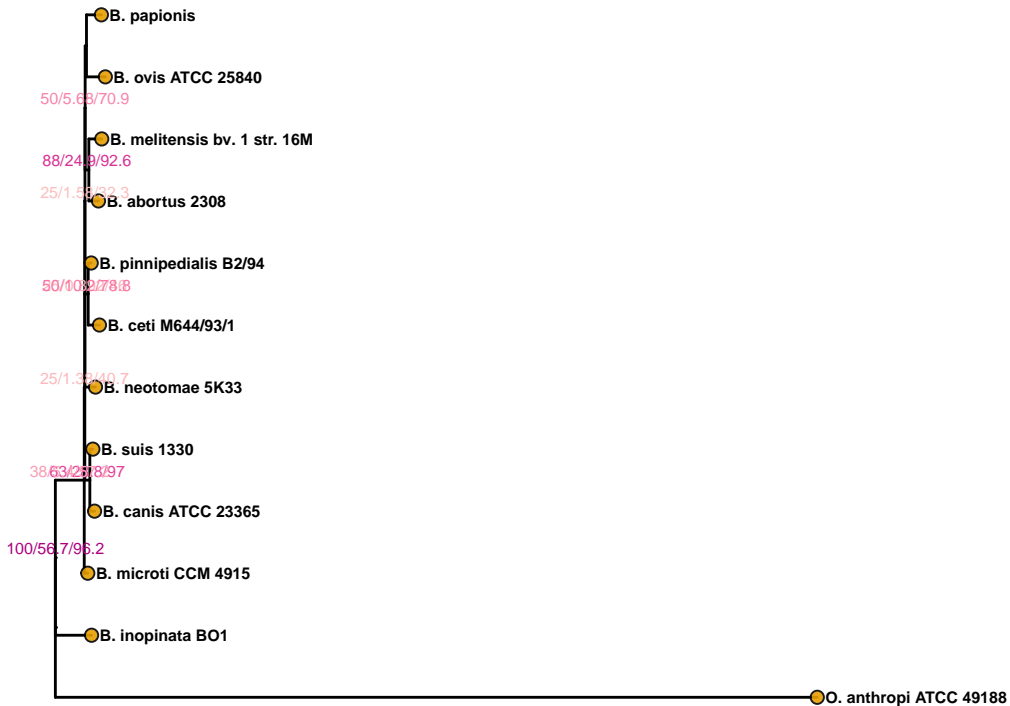


- |                 |            |            |
|-----------------|------------|------------|
| ● Arthropoda    | ● Chordata | ● Nematoda |
| ● Ascomycota    | ● Cnidaria |            |
| ● Basidiomycota | ● Evosea   |            |

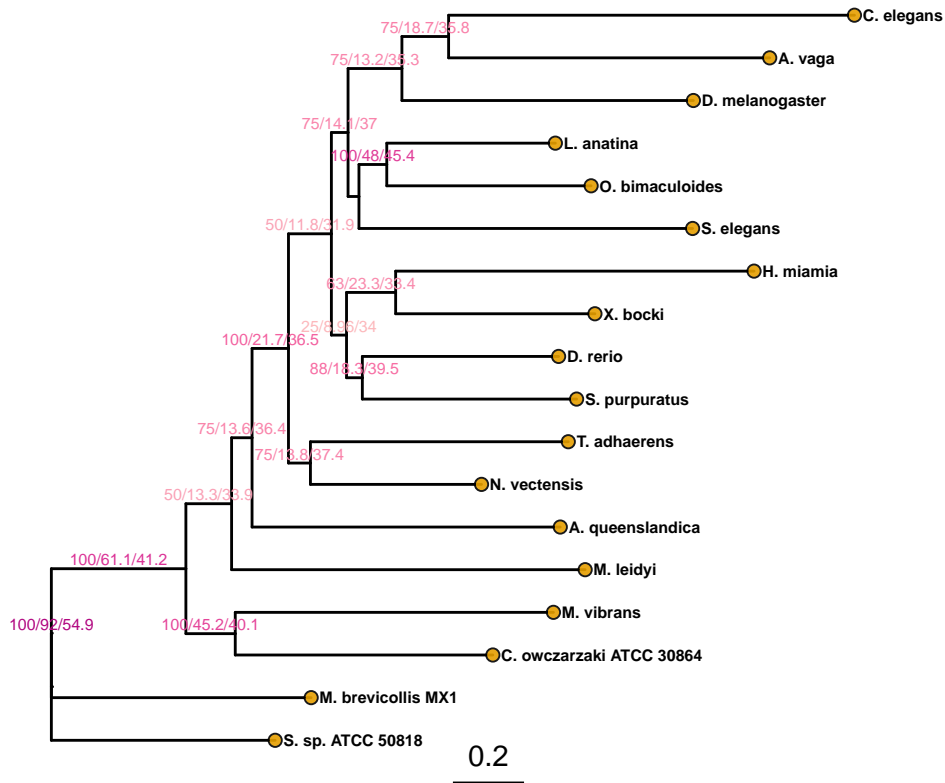


0.01

● Bacteria



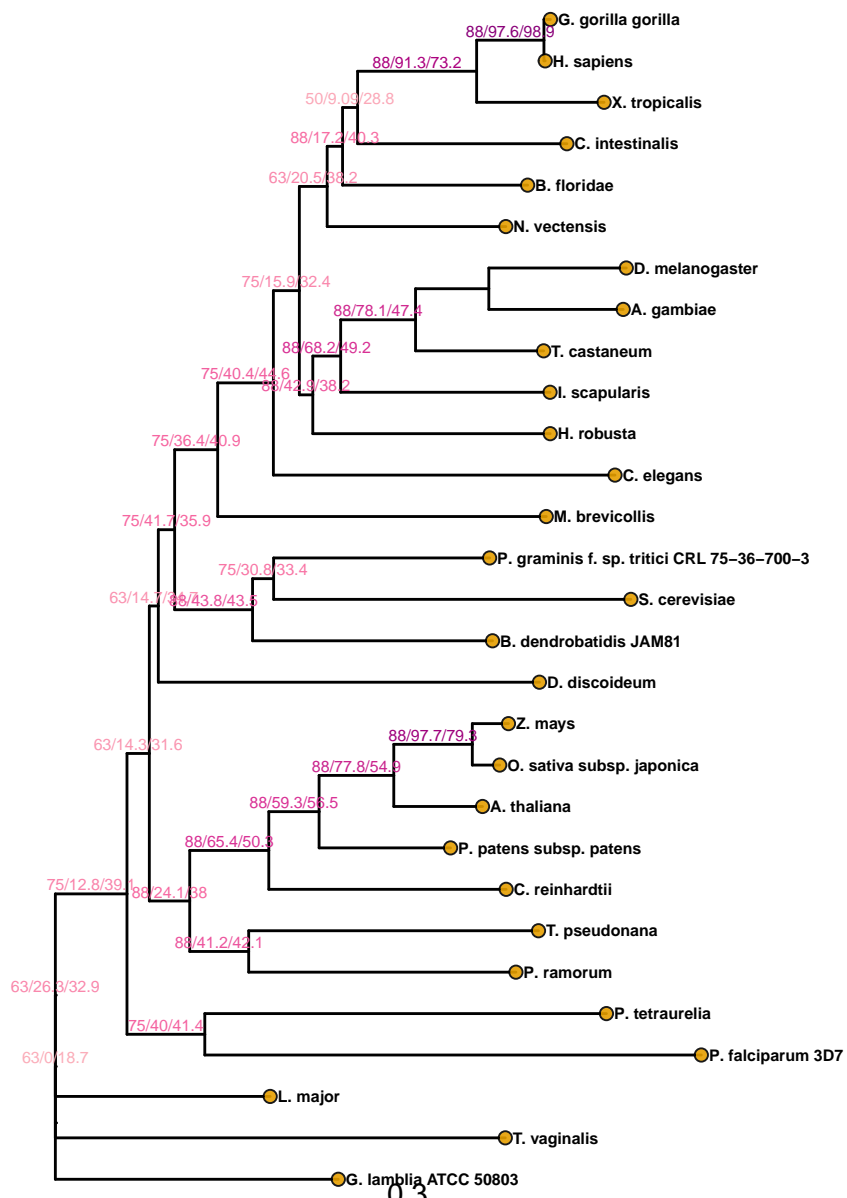
● Bacteria



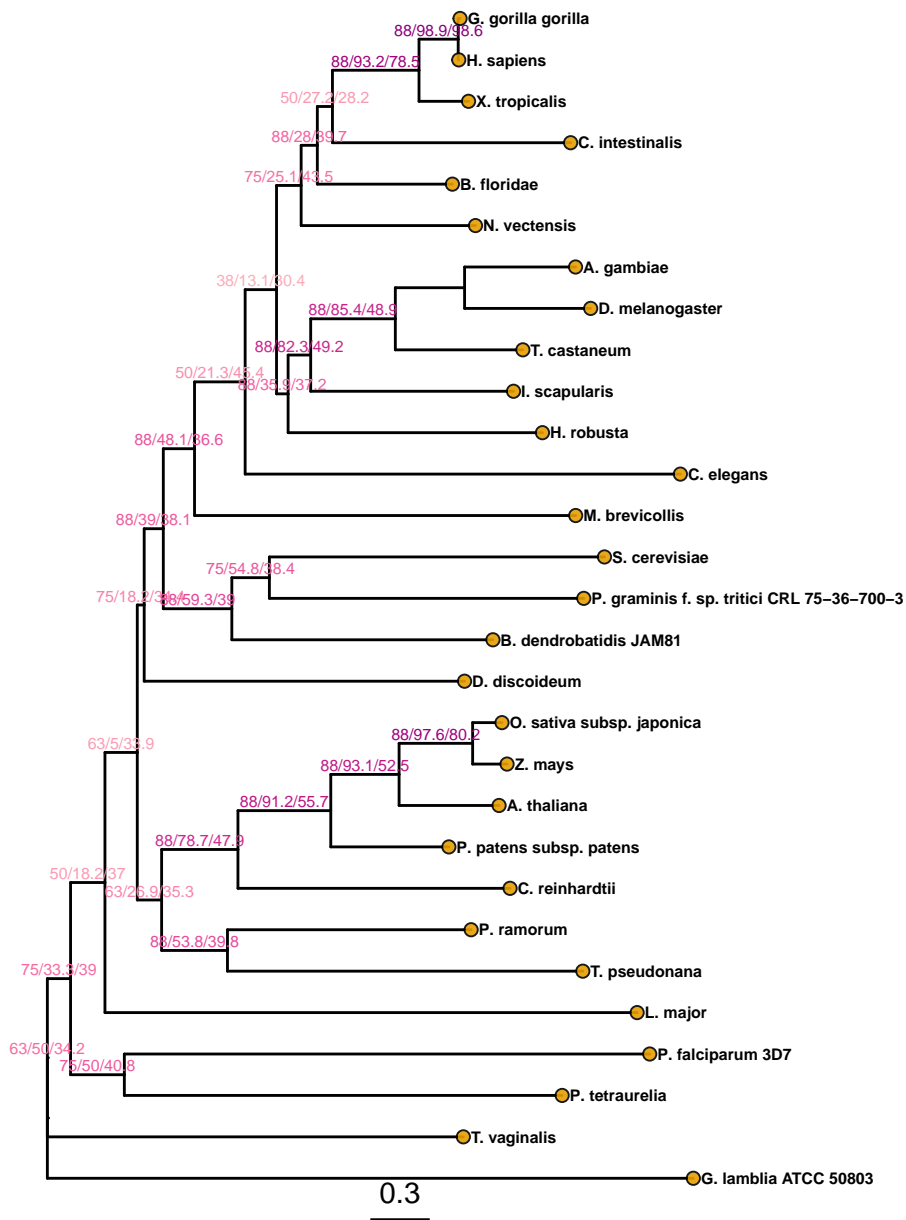
● Eukaryota



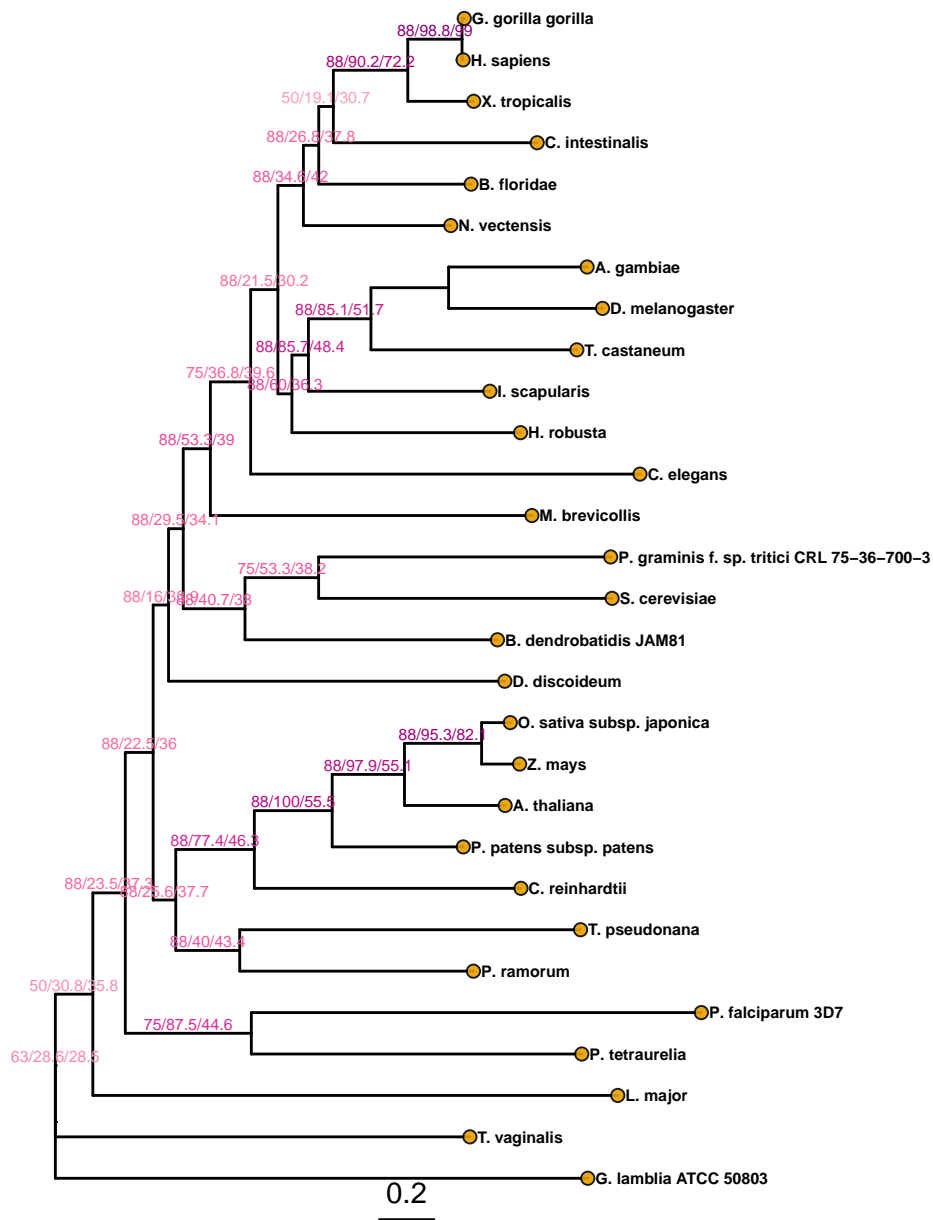
● Eukaryota



● Eukaryota

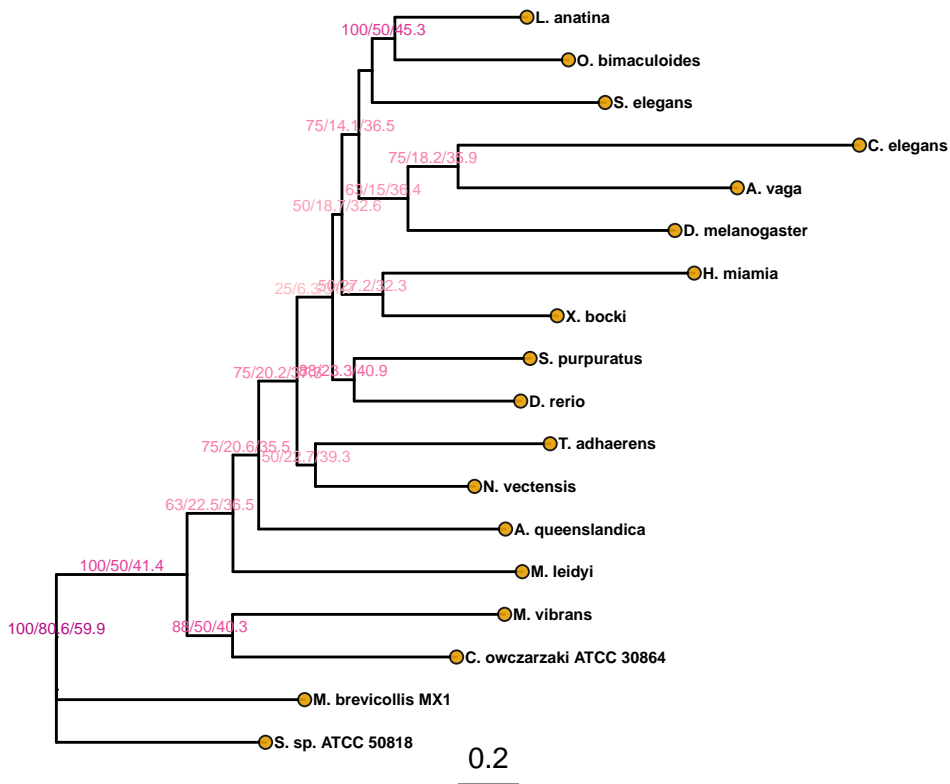


● Eukaryota

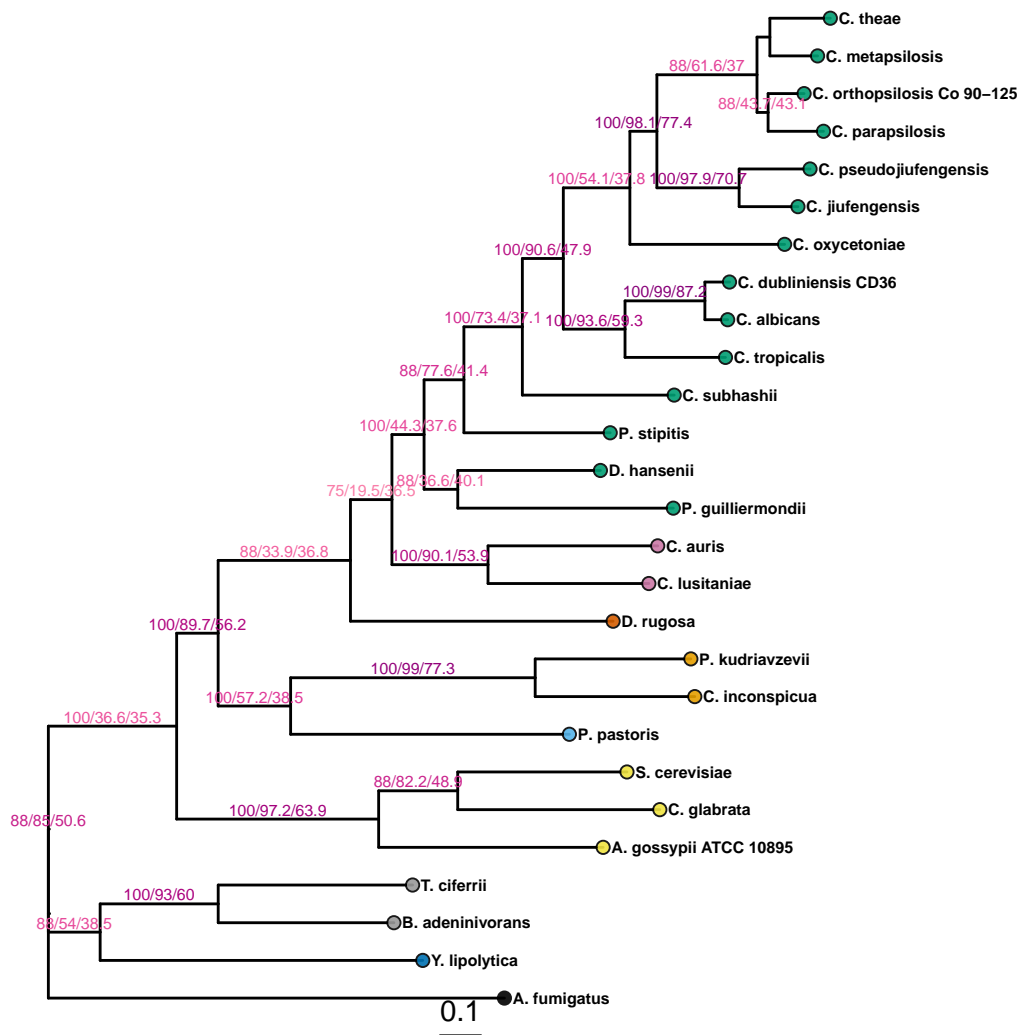


● Eukaryota





● Eukaryota



- Aspergillaceae
- Debaryomycetaceae
- Dipodascaceae
- Metschnikowiaceae
- Phaffomycetaceae
- Pichiaceae
- Saccharomycetaceae
- Trichomonascaceae
- Unassigned