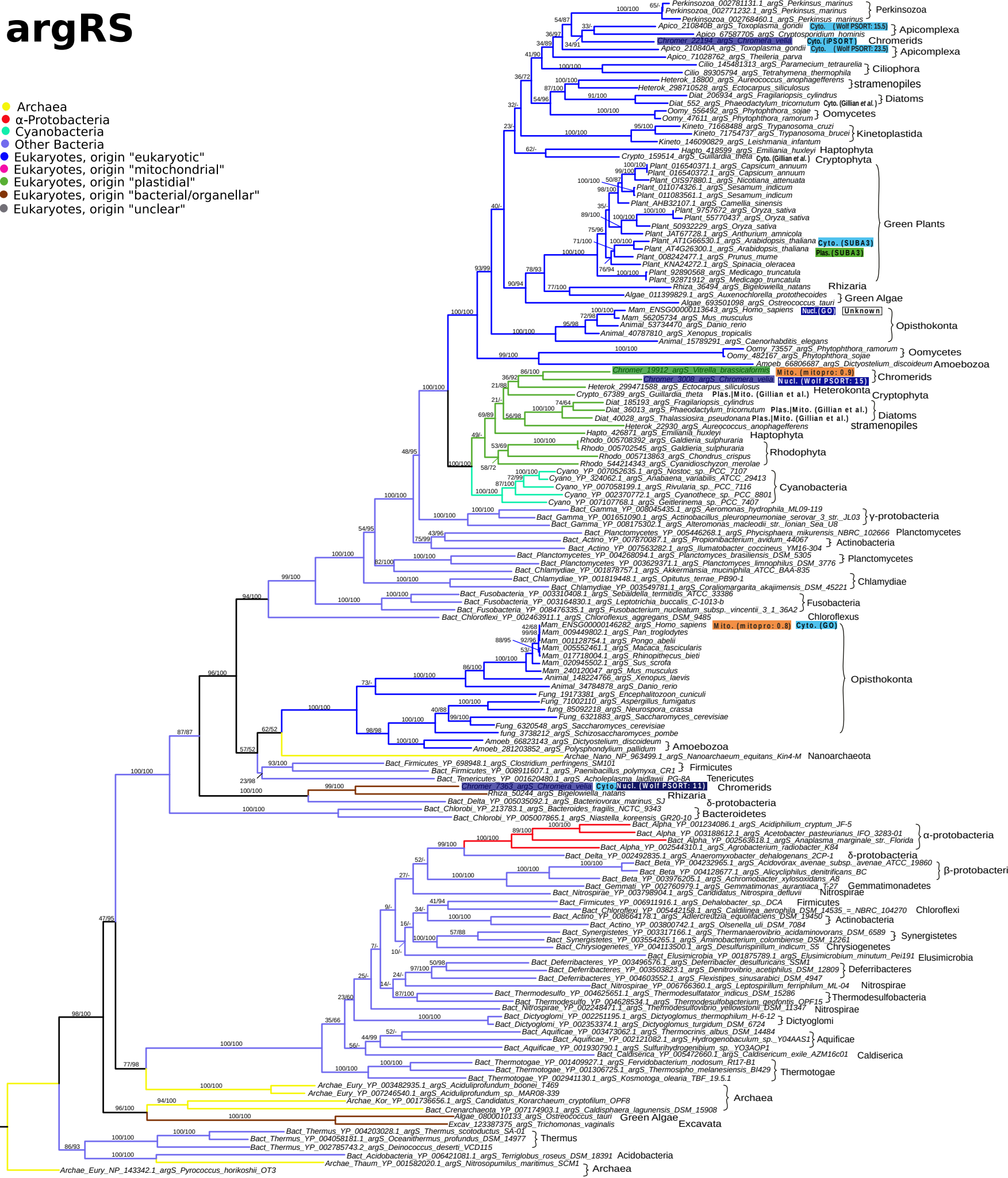


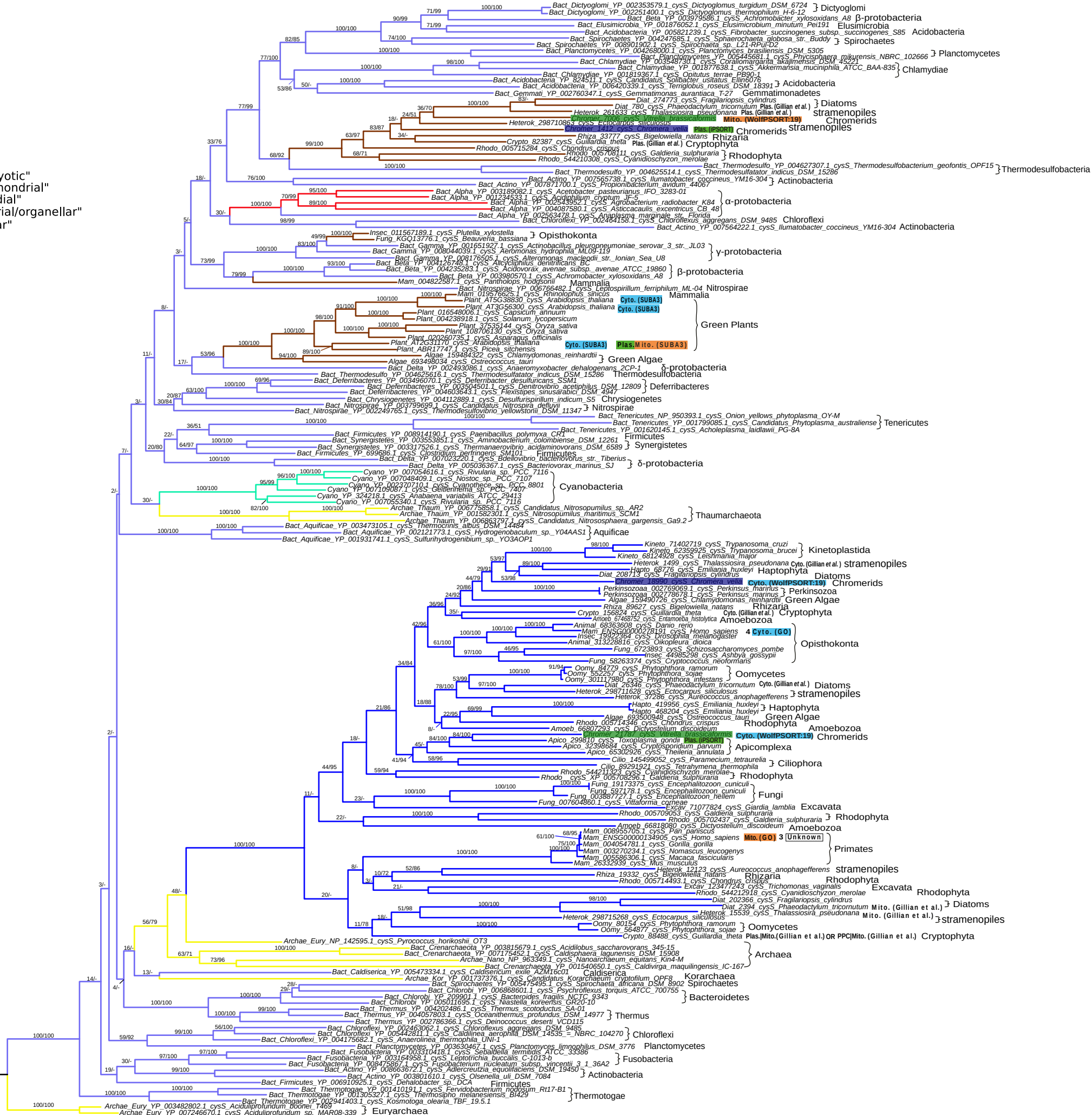
argRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes, origin "unclear"



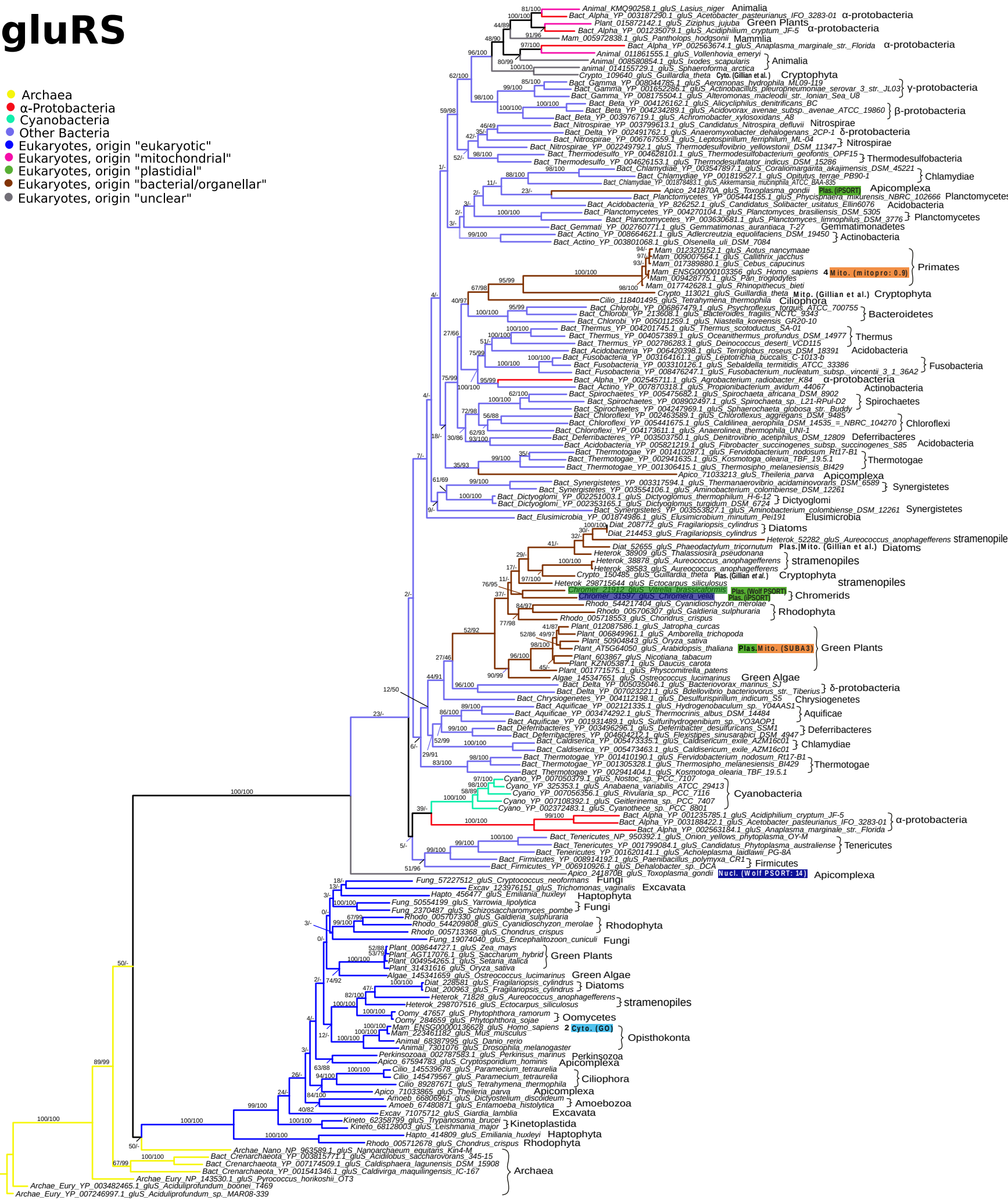
cysRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes, origin "unclear"



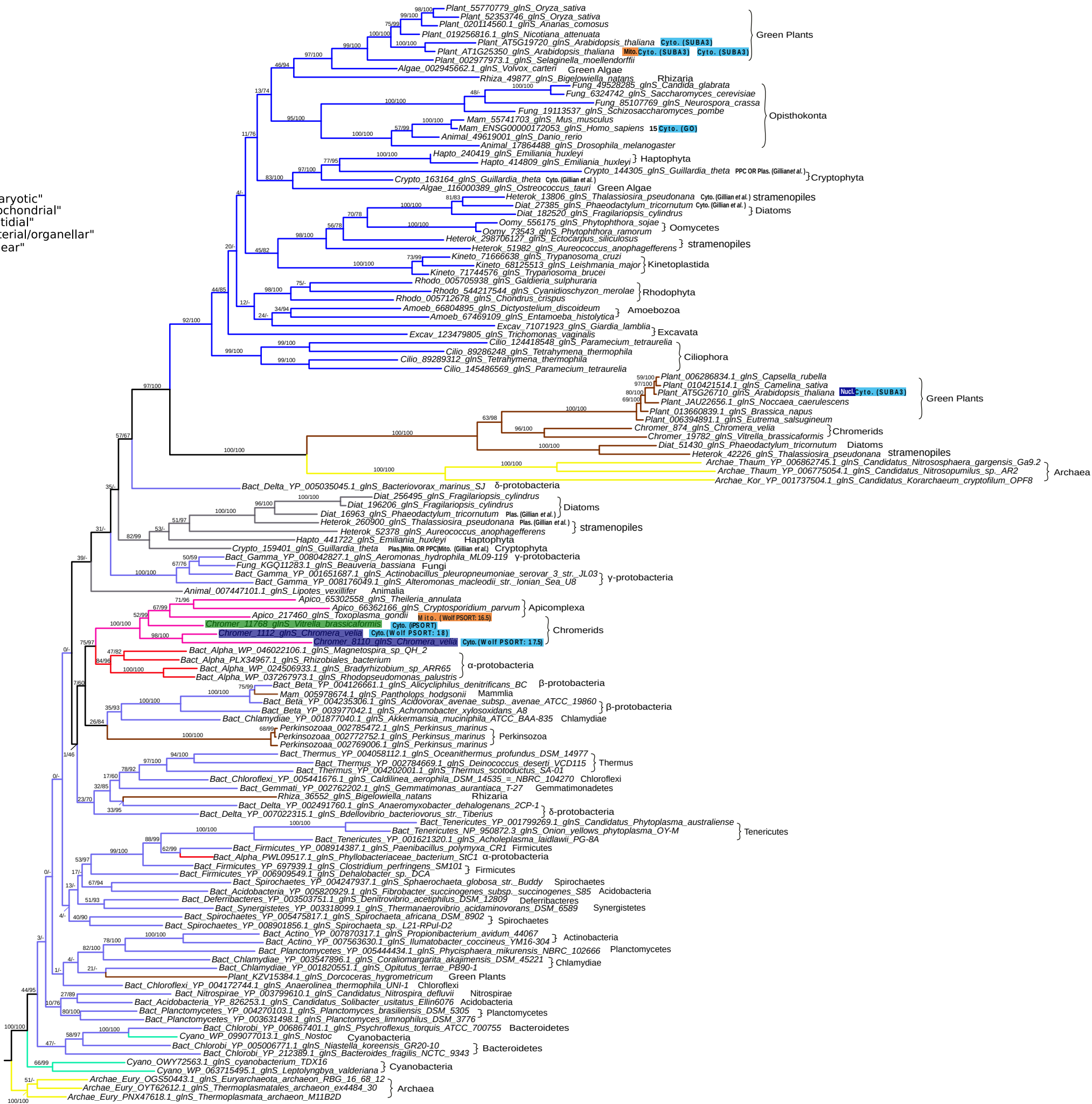
gluRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



glnRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes, origin "unclear"

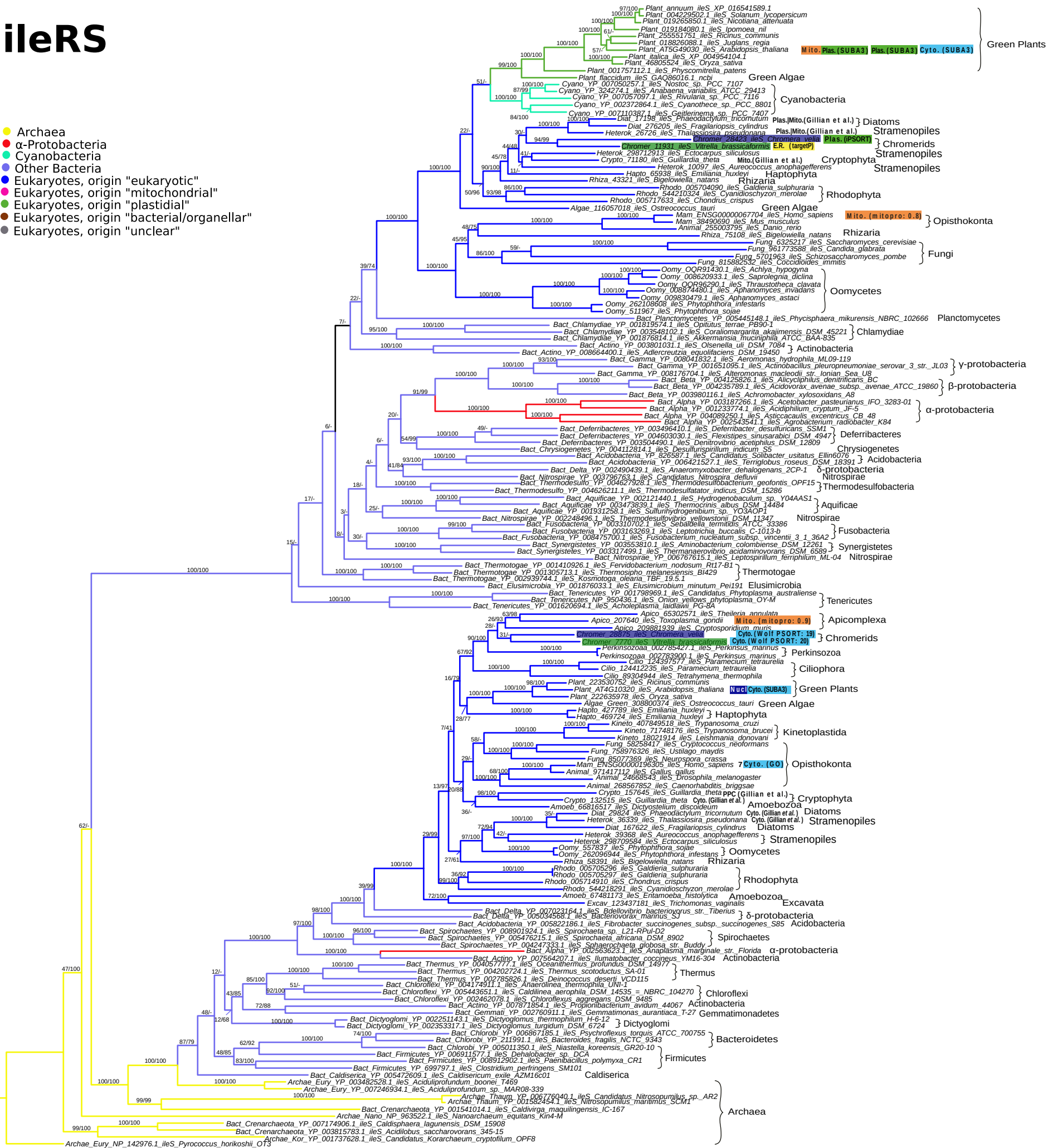


- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



ileRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"

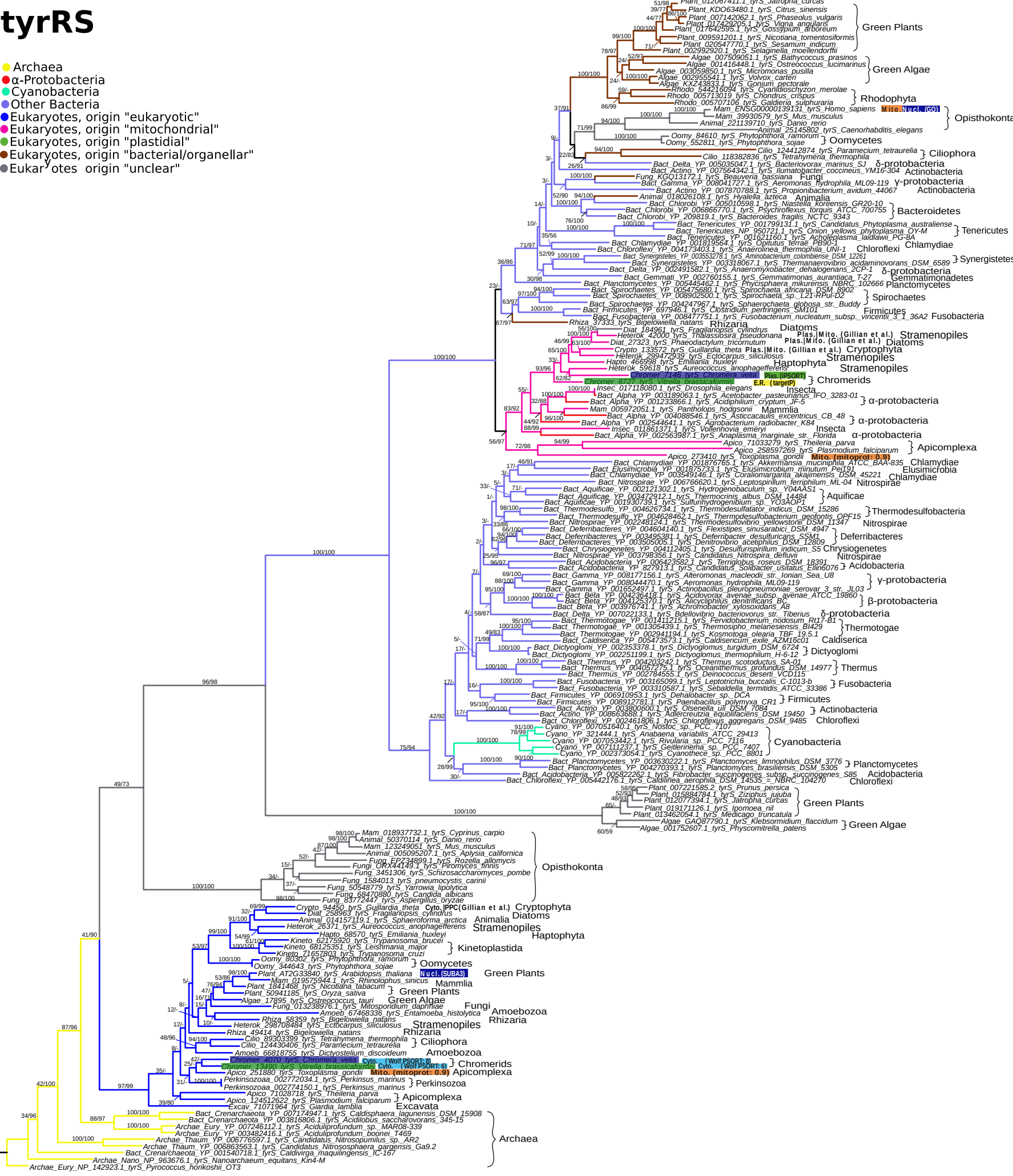


- Archaea
- α -Proteobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



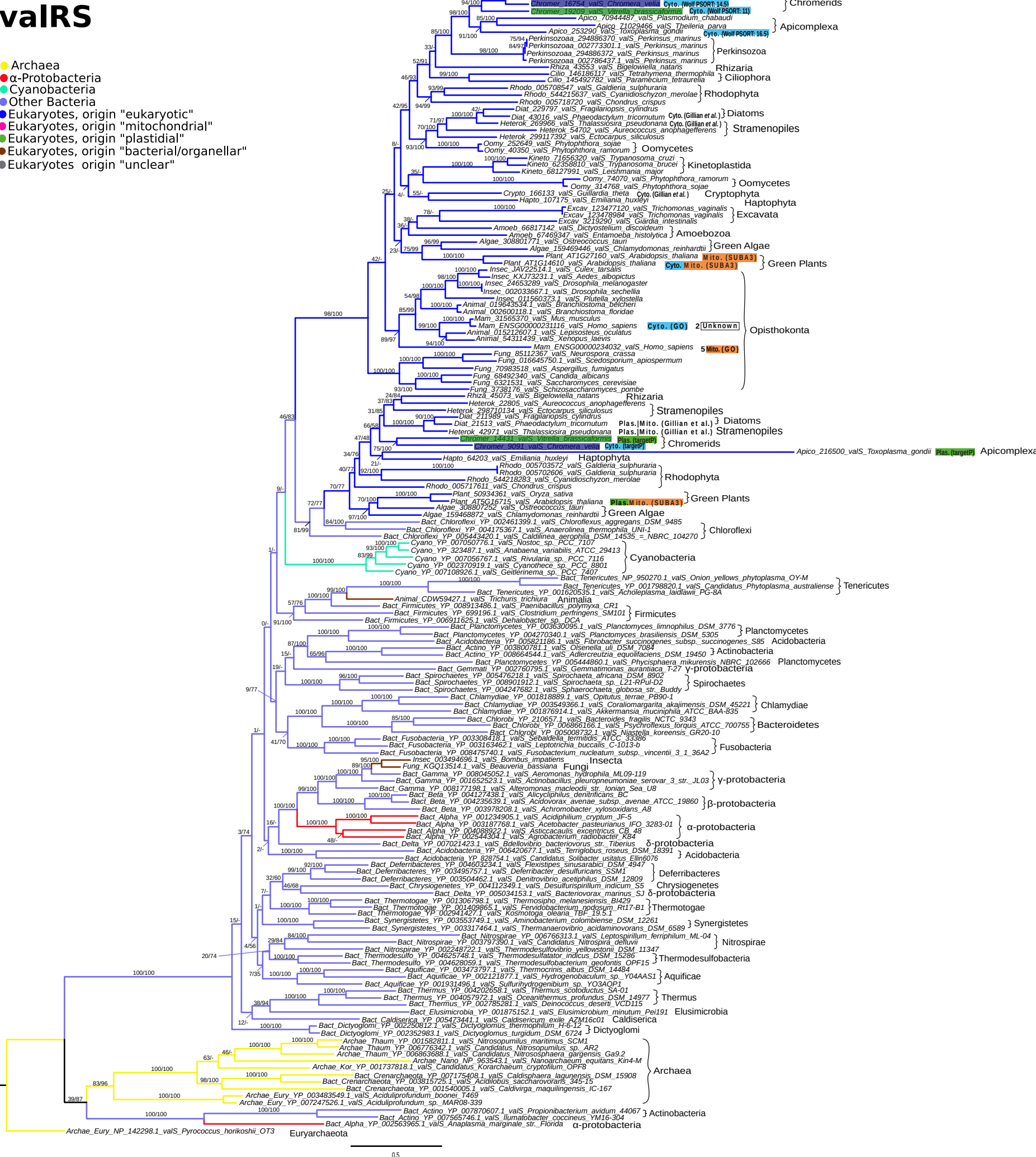
tyrRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidal"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes origin "unclear"

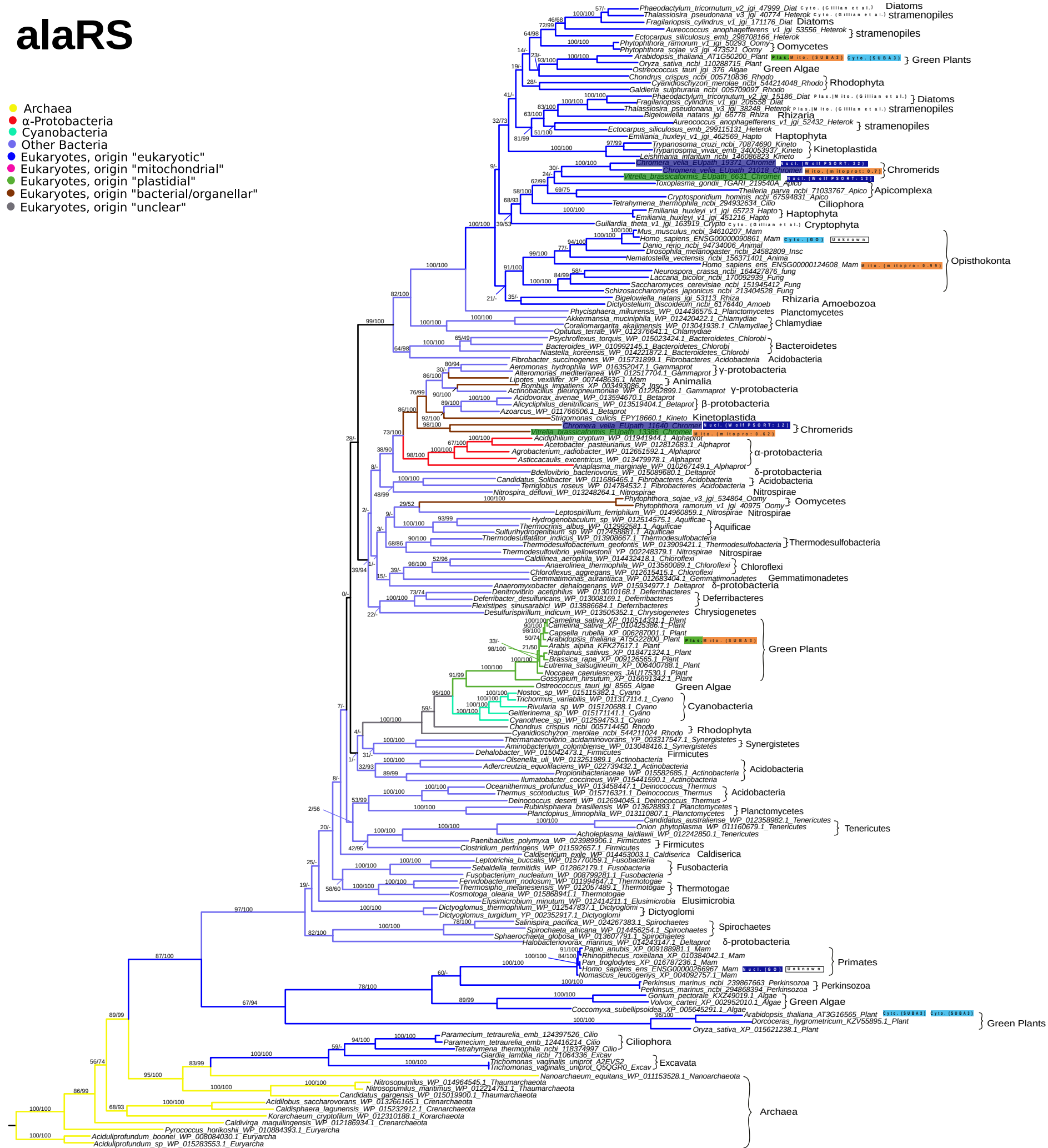


- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



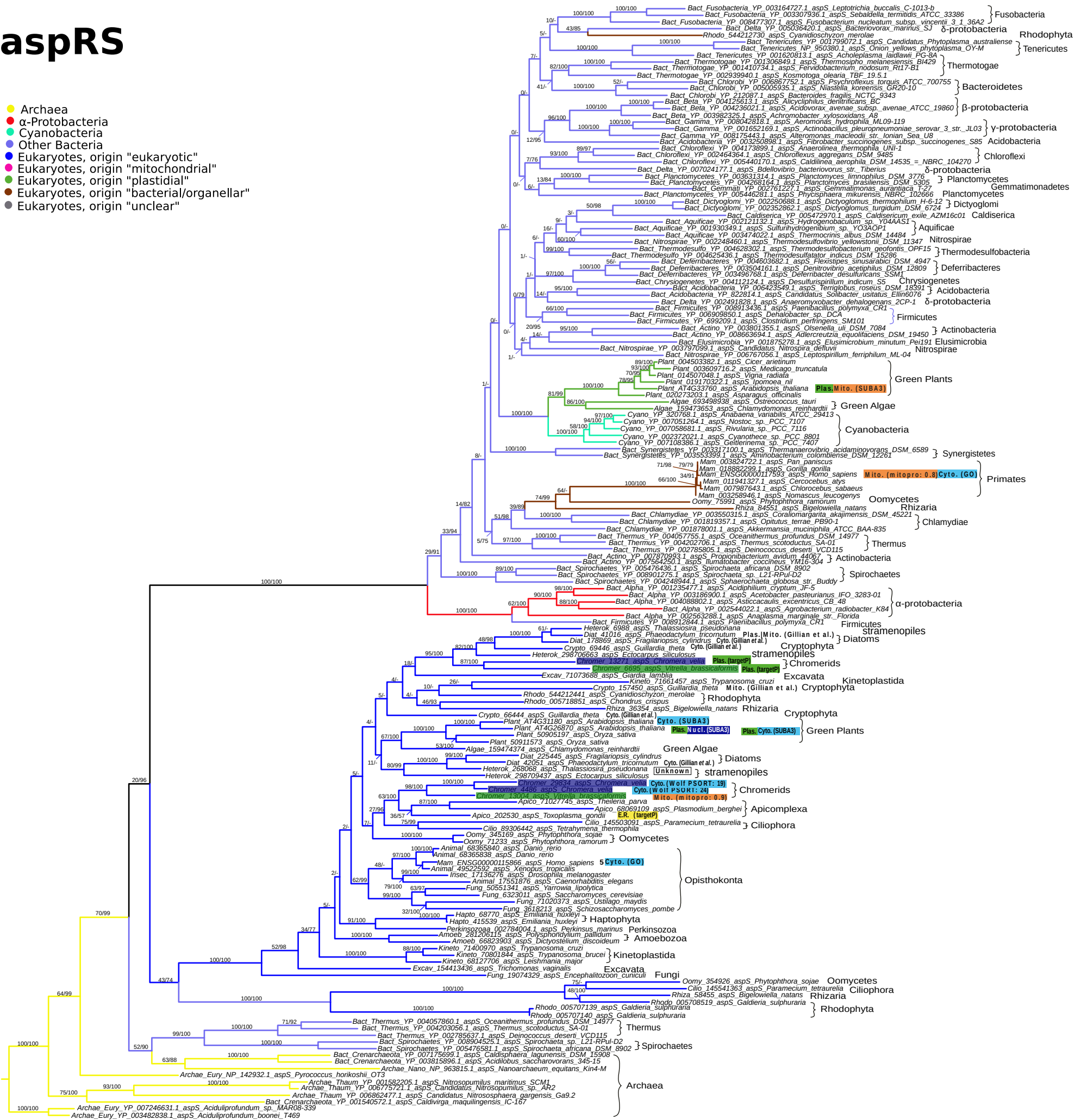


- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



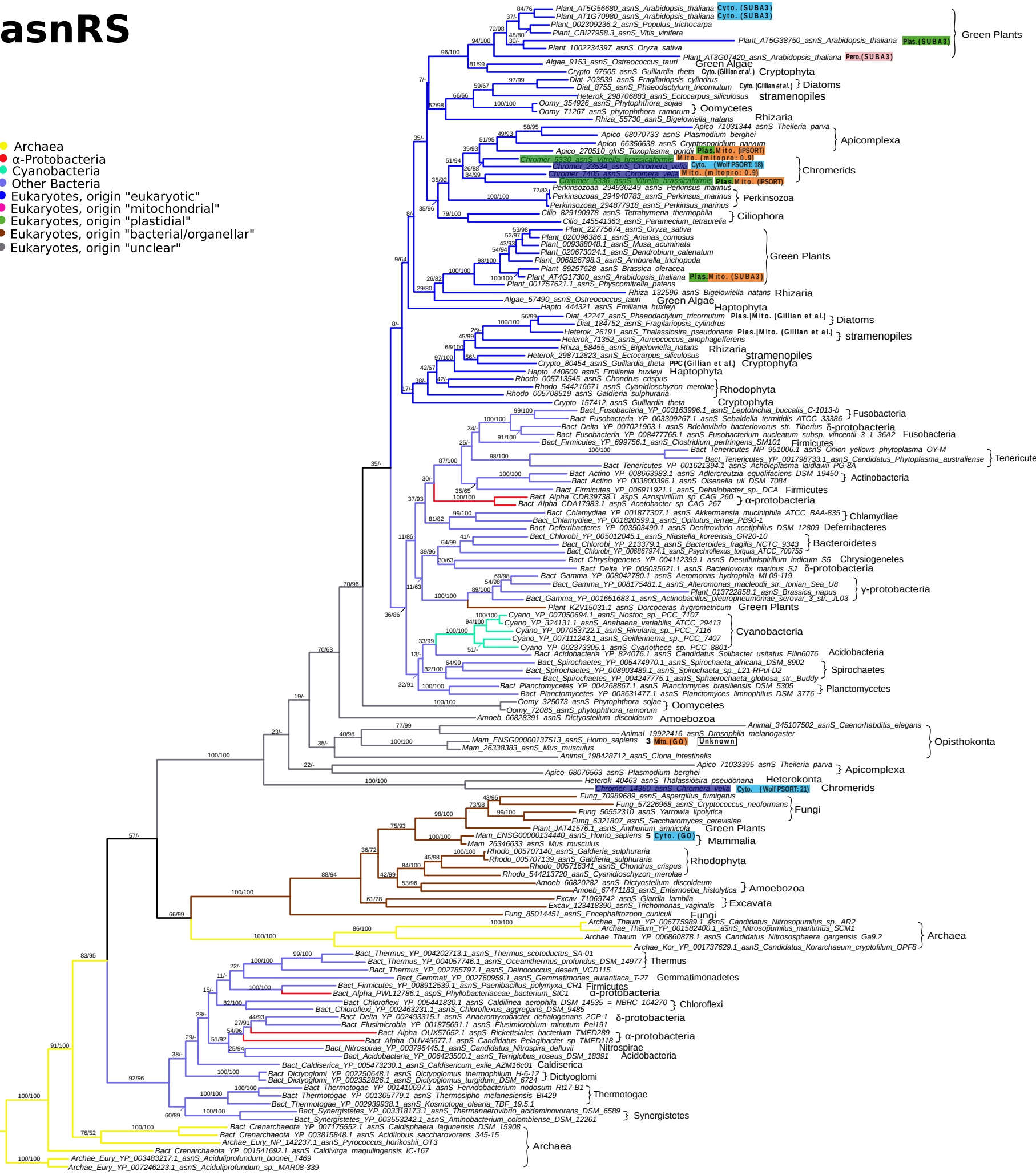
aspRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



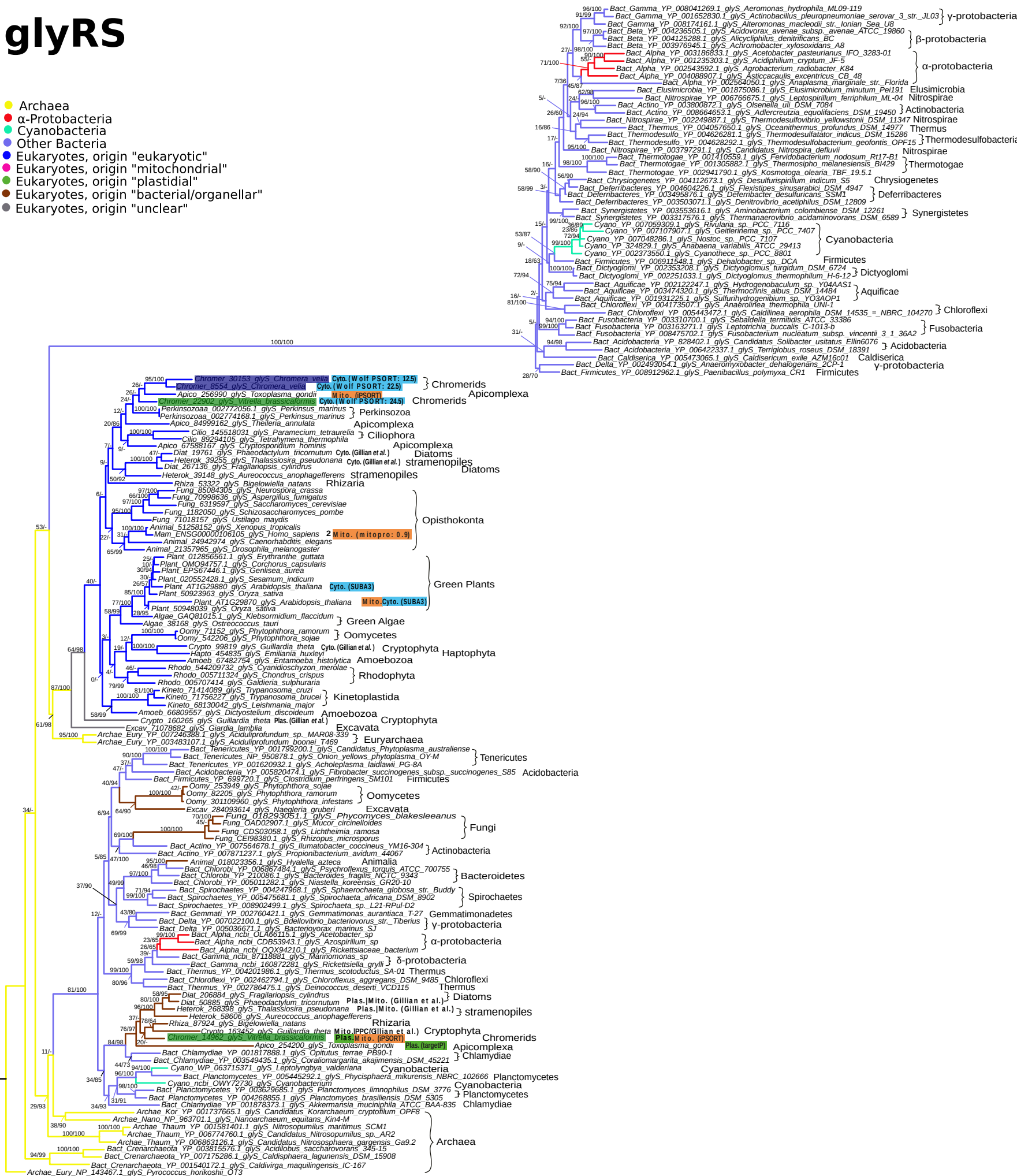
asnRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes, origin "unclear"



glyRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
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- Eukaryotes, origin "mitochondrial"
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- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"

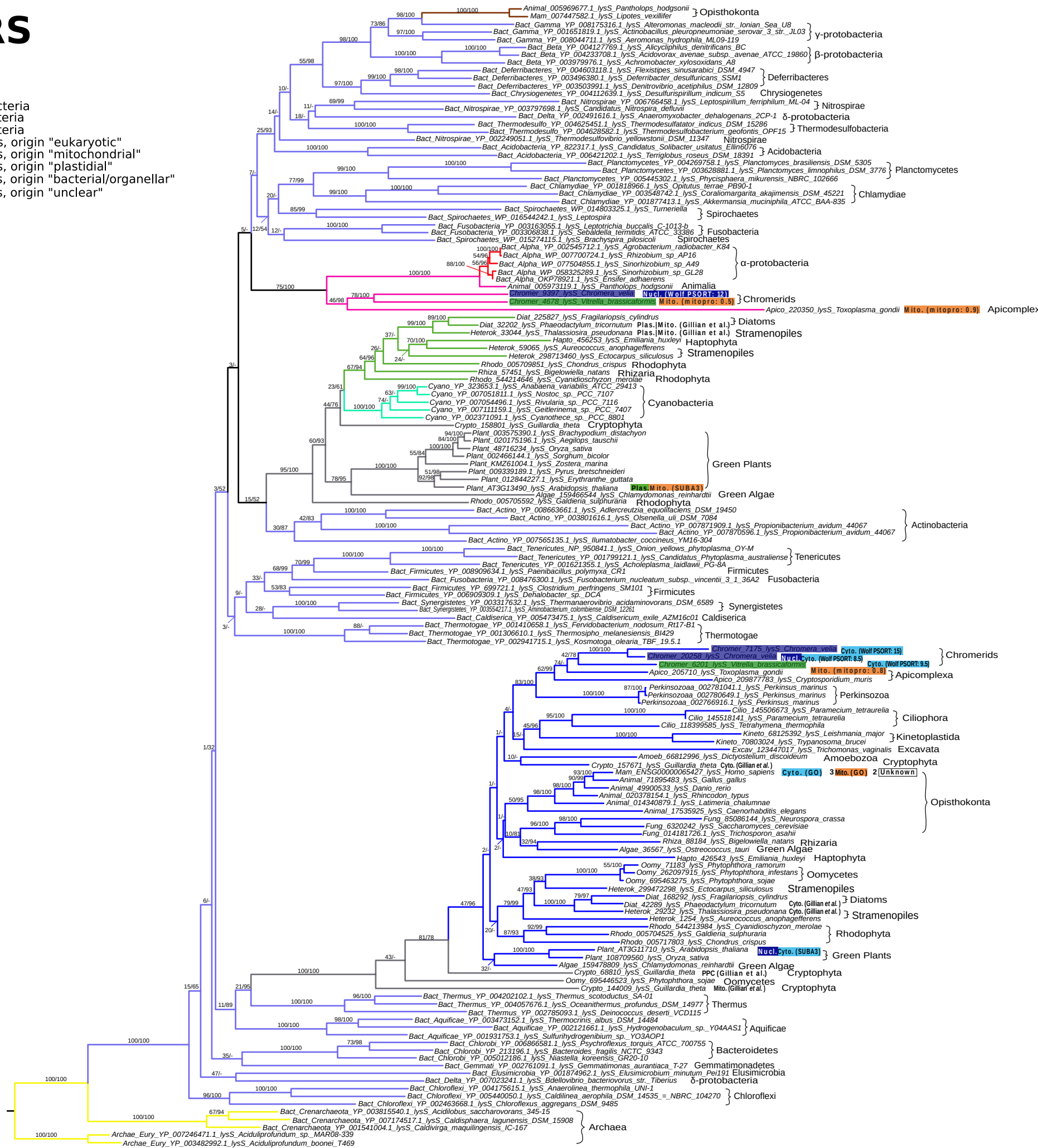


- Archaea
- α-Protobacteria
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- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes, origin "unclear"



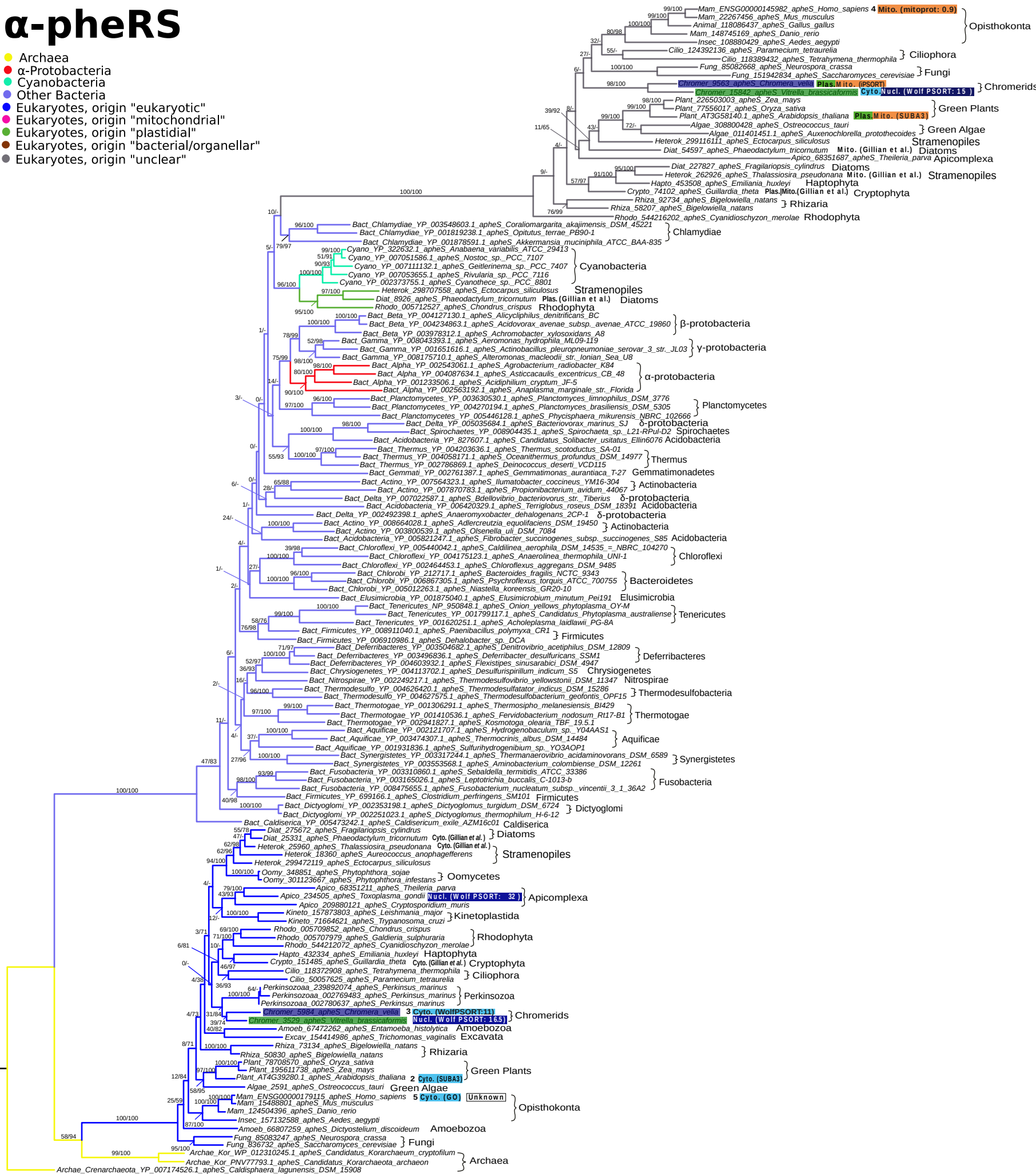
lysRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



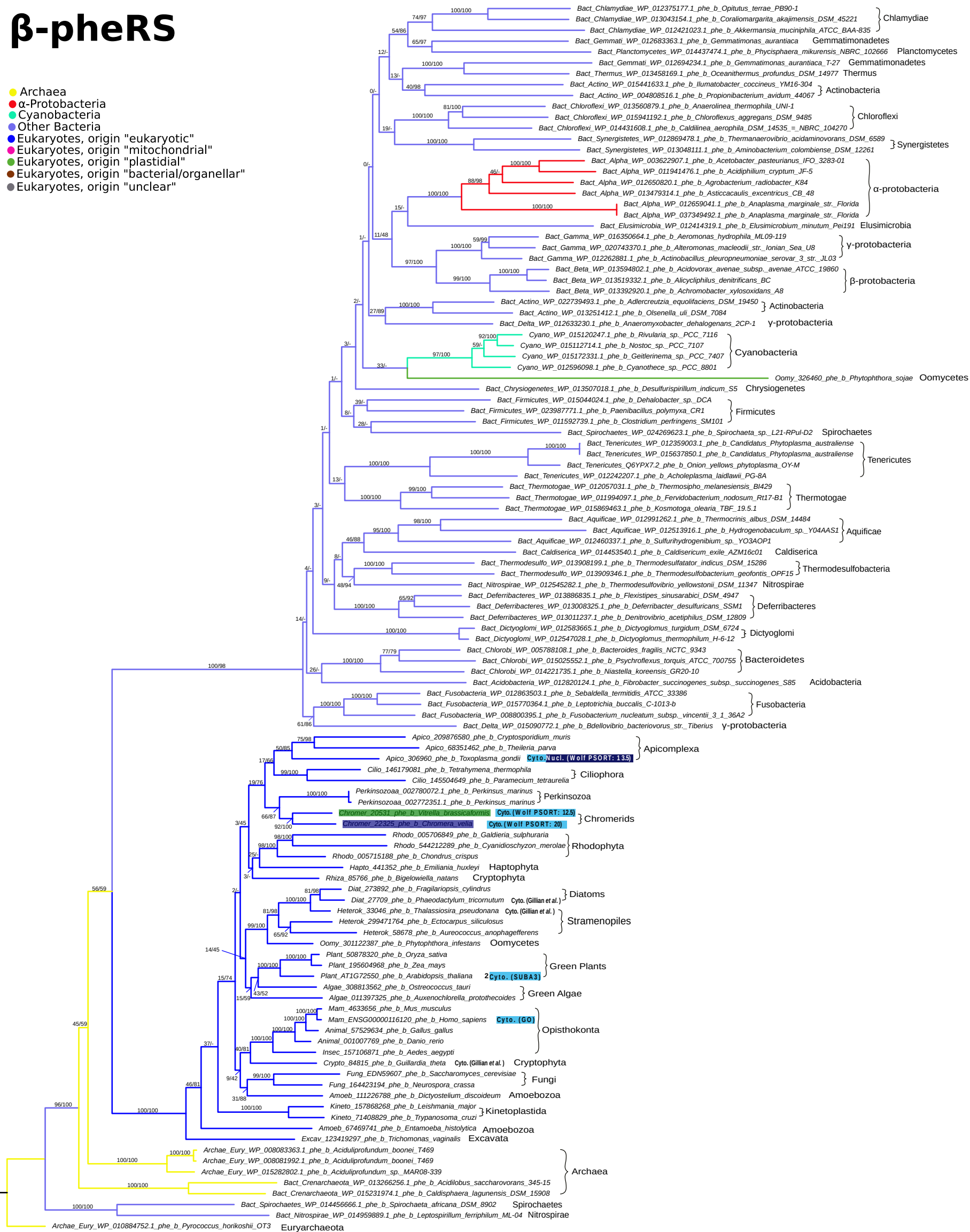
α-pheRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"



β-pheRS

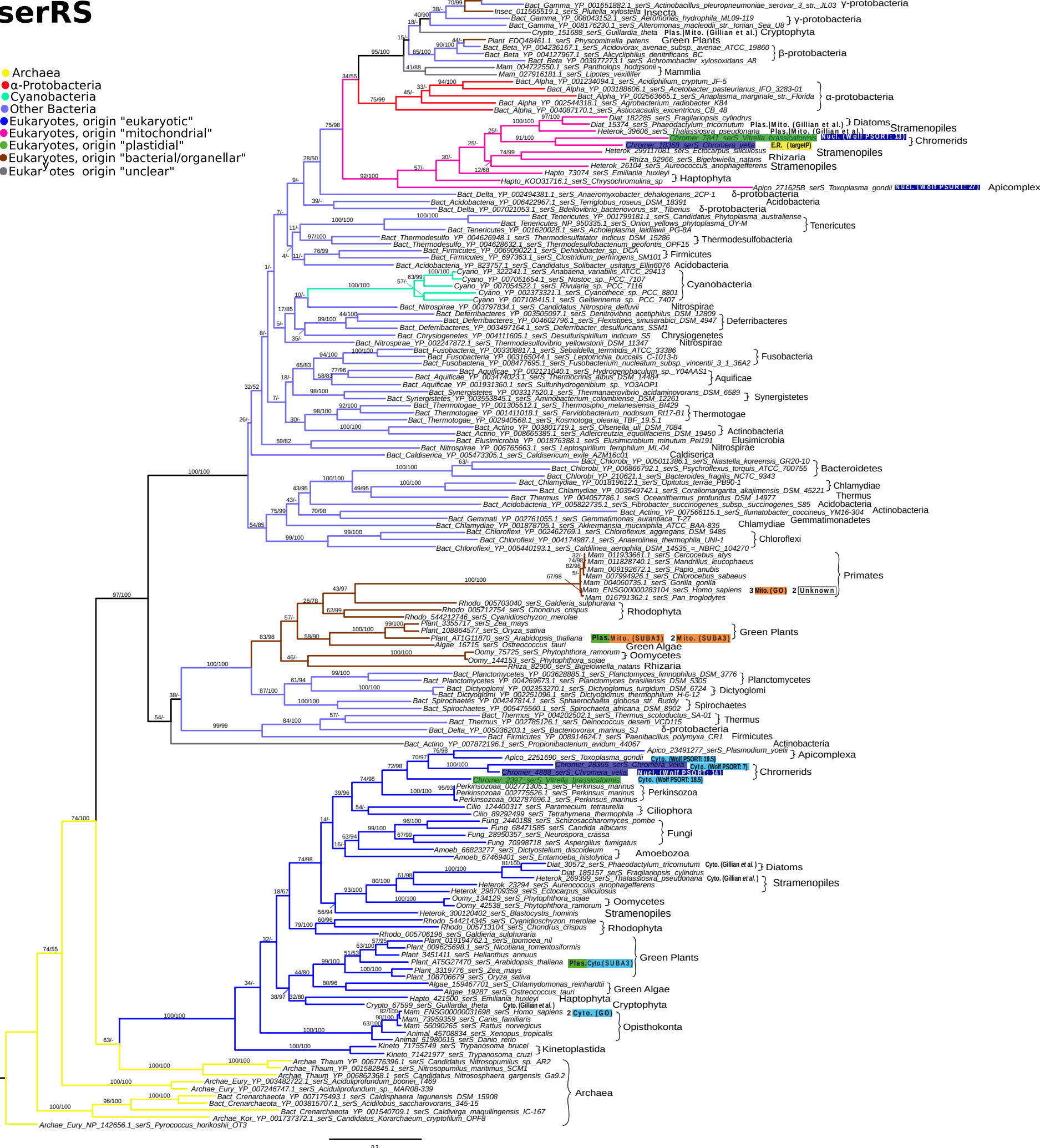
- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes, origin "unclear"



proRS

- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organelar"
- Eukaryotes origin "unclear"





- Archaea
- α-Protobacteria
- Cyanobacteria
- Other Bacteria
- Eukaryotes, origin "eukaryotic"
- Eukaryotes, origin "mitochondrial"
- Eukaryotes, origin "plastidial"
- Eukaryotes, origin "bacterial/organellar"
- Eukaryotes, origin "unclear"

