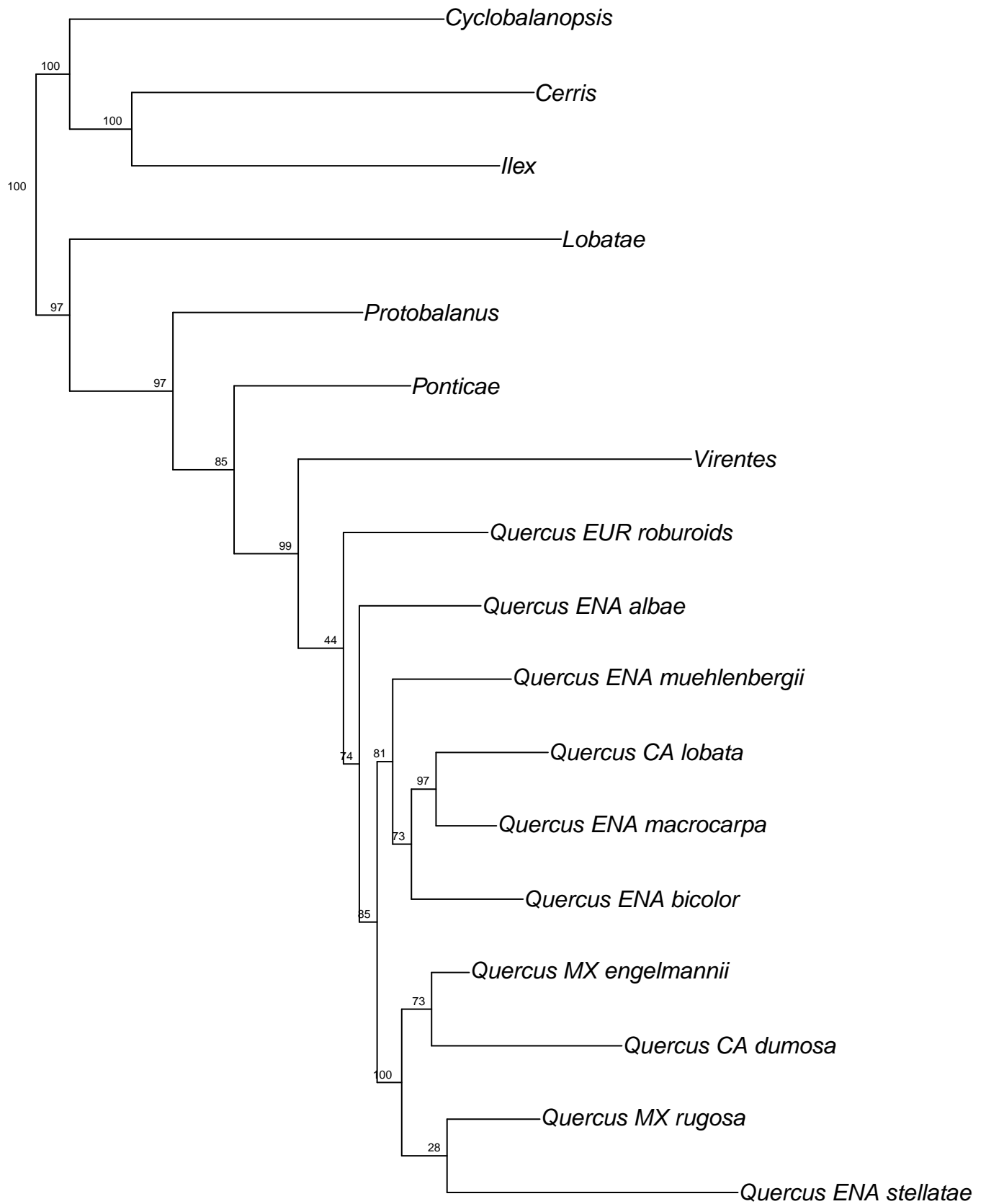
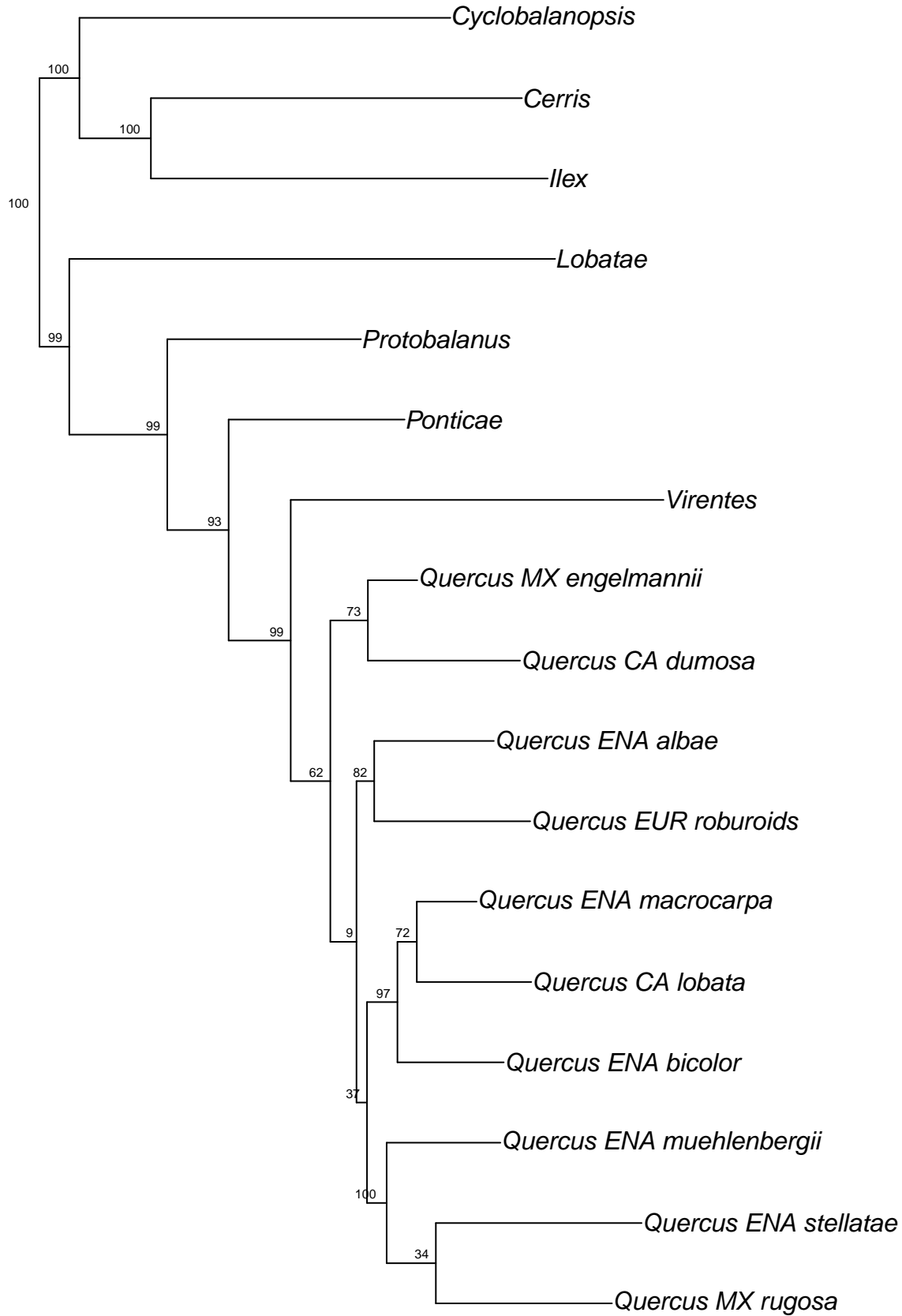


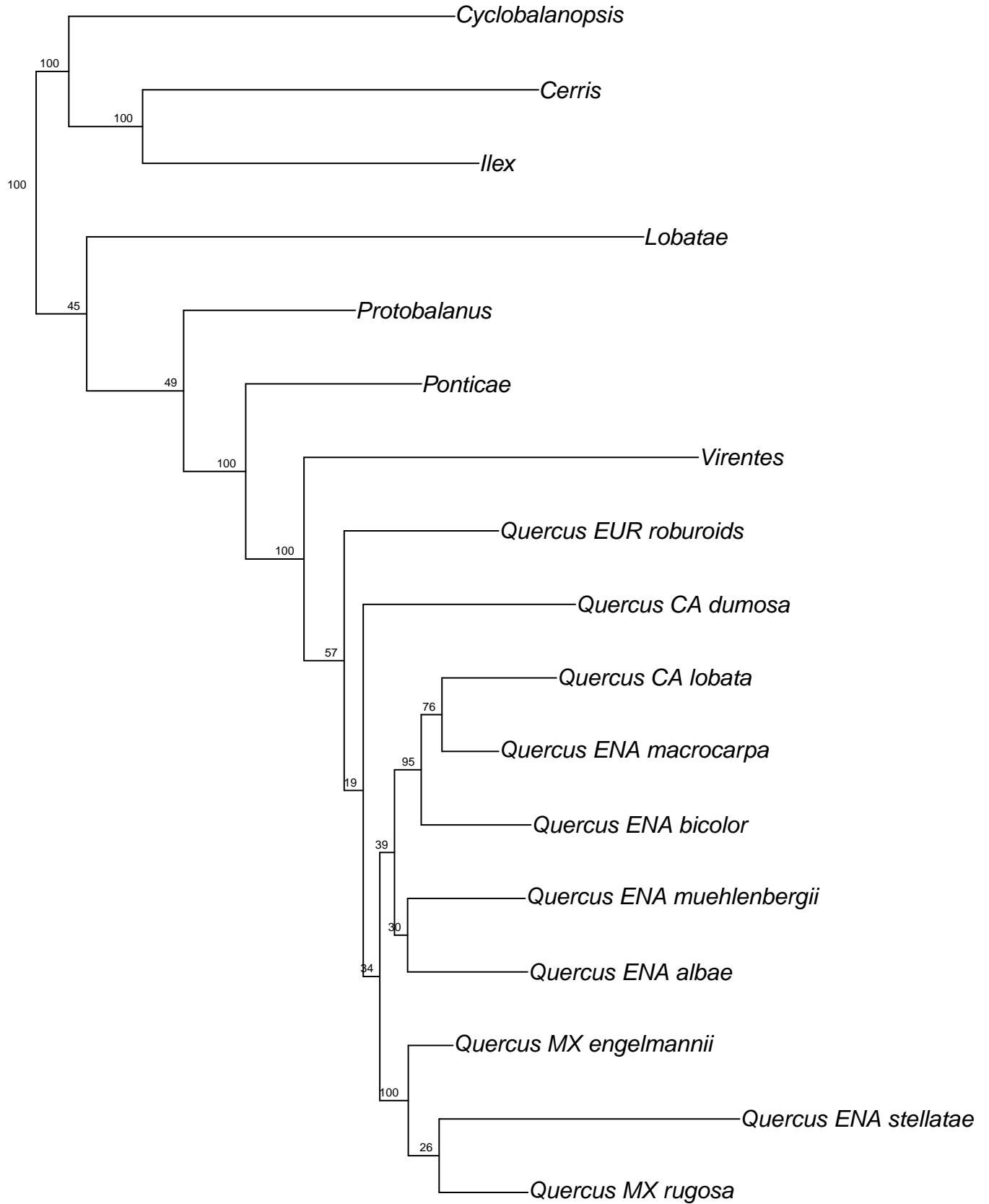
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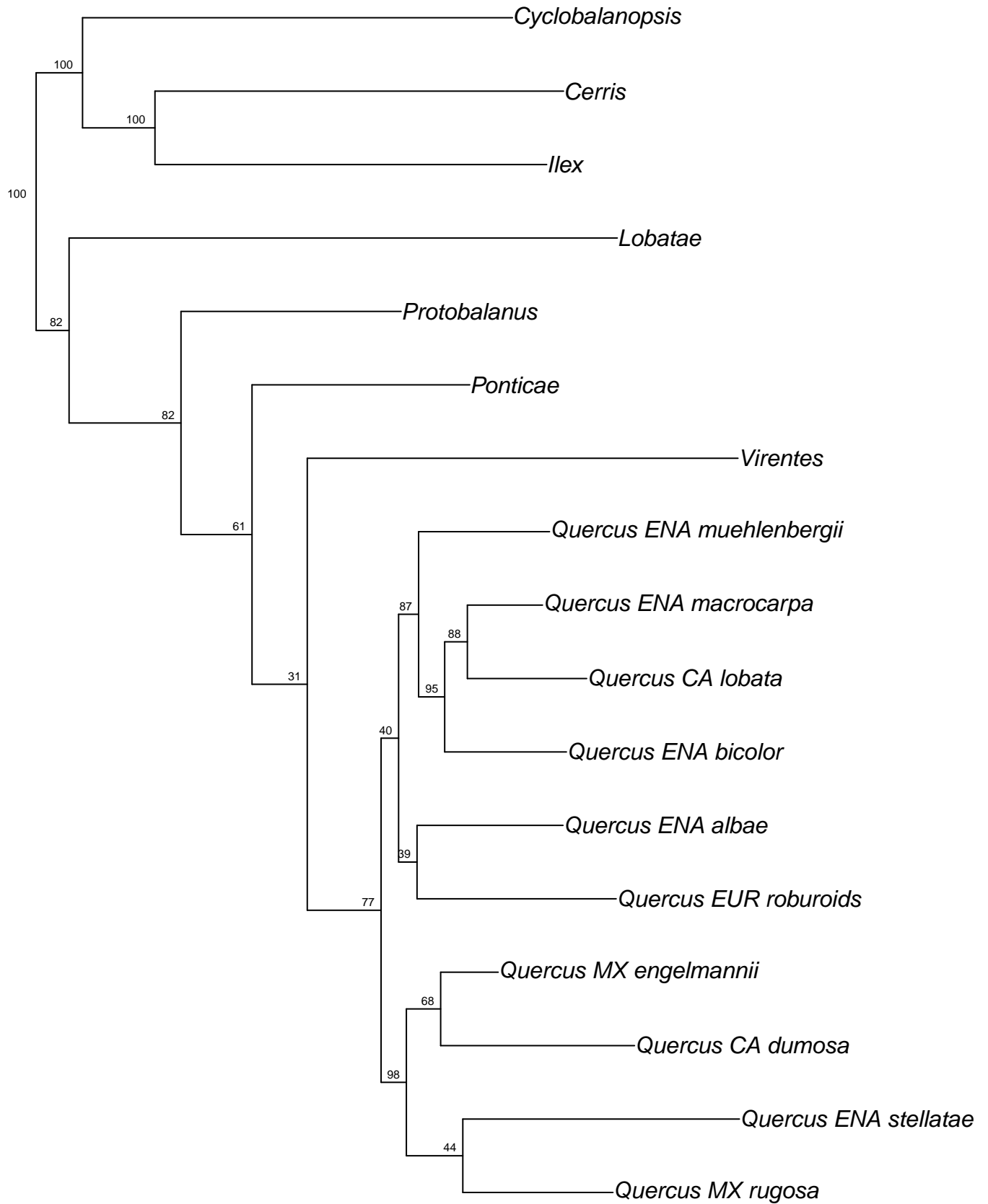
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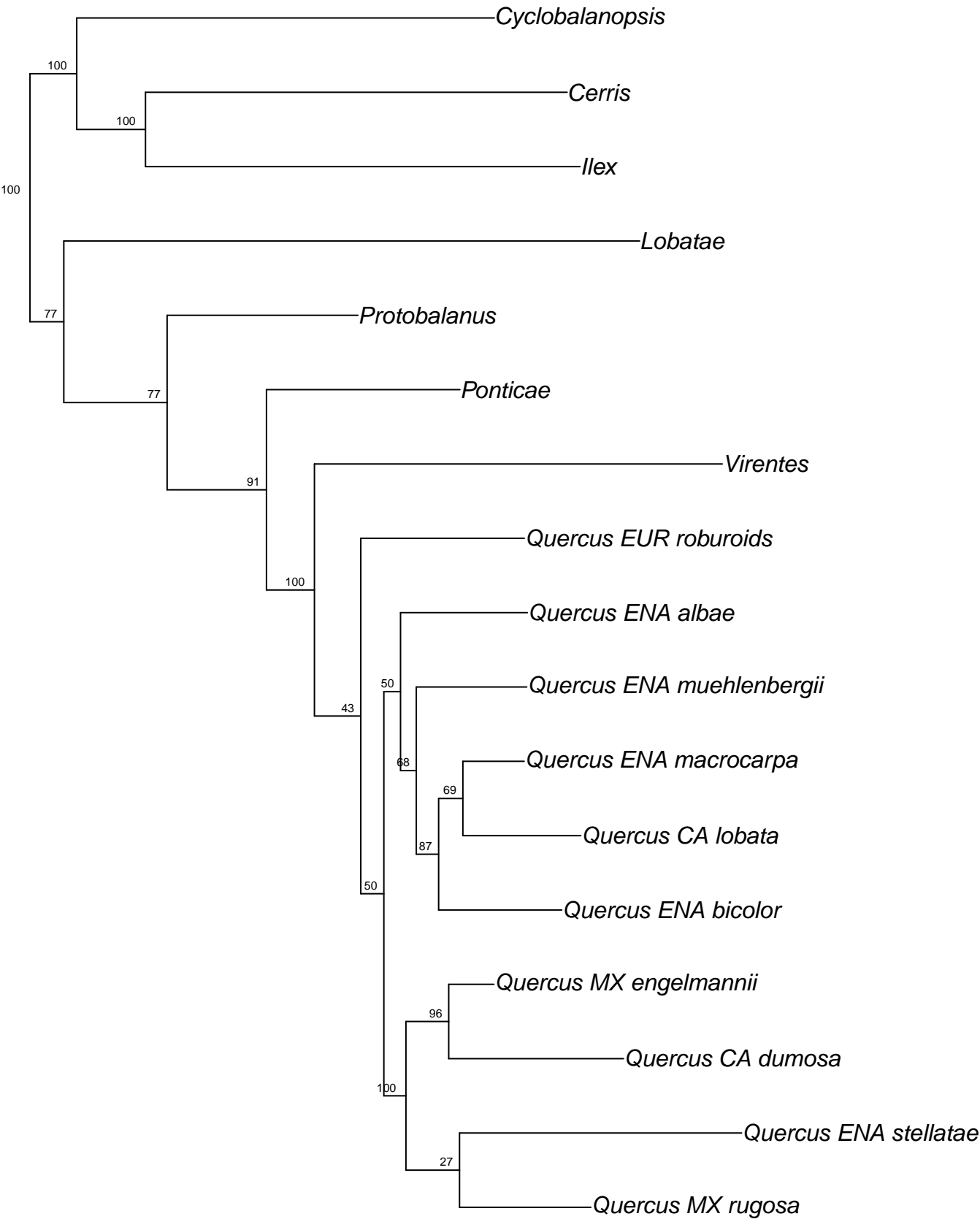
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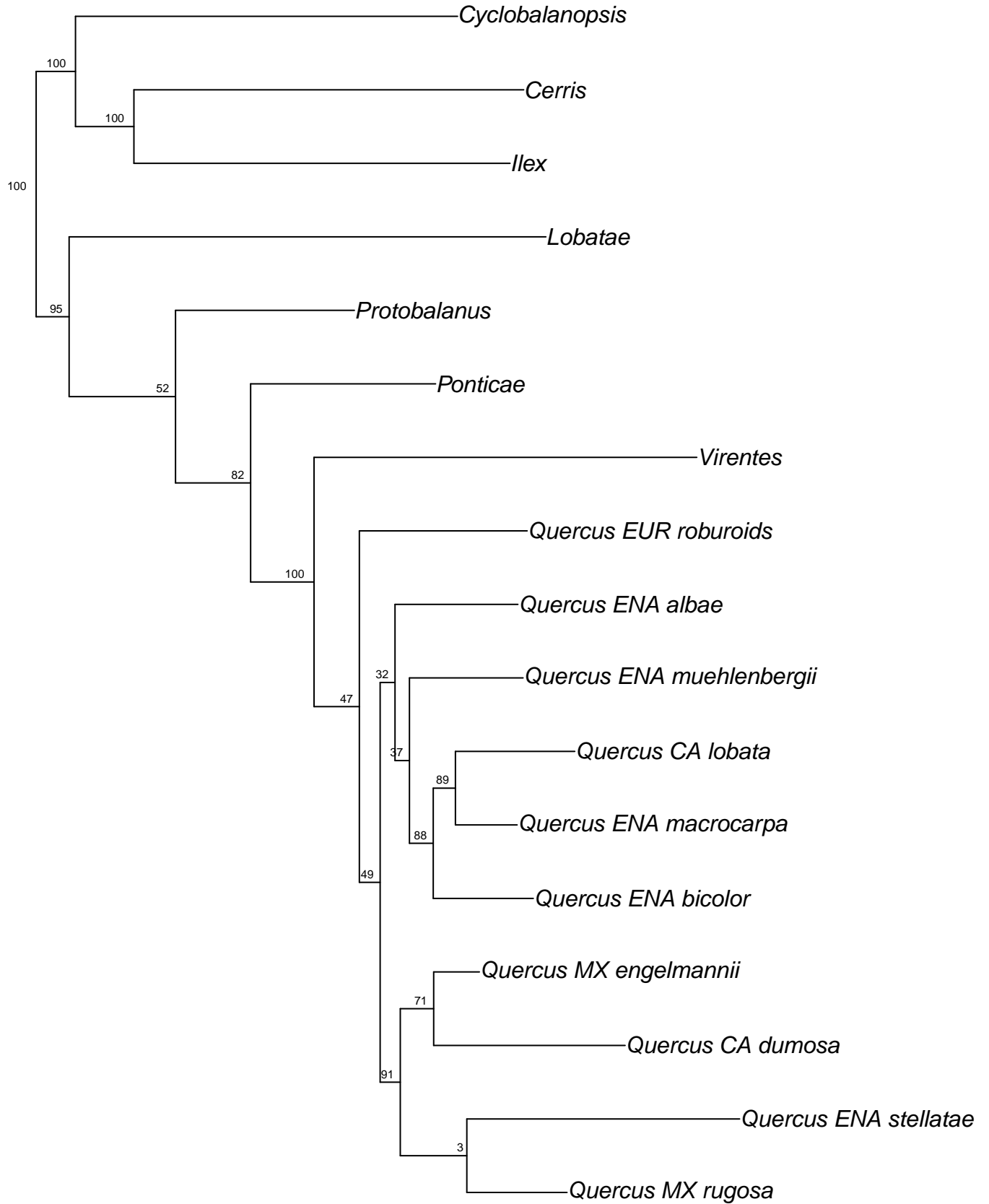
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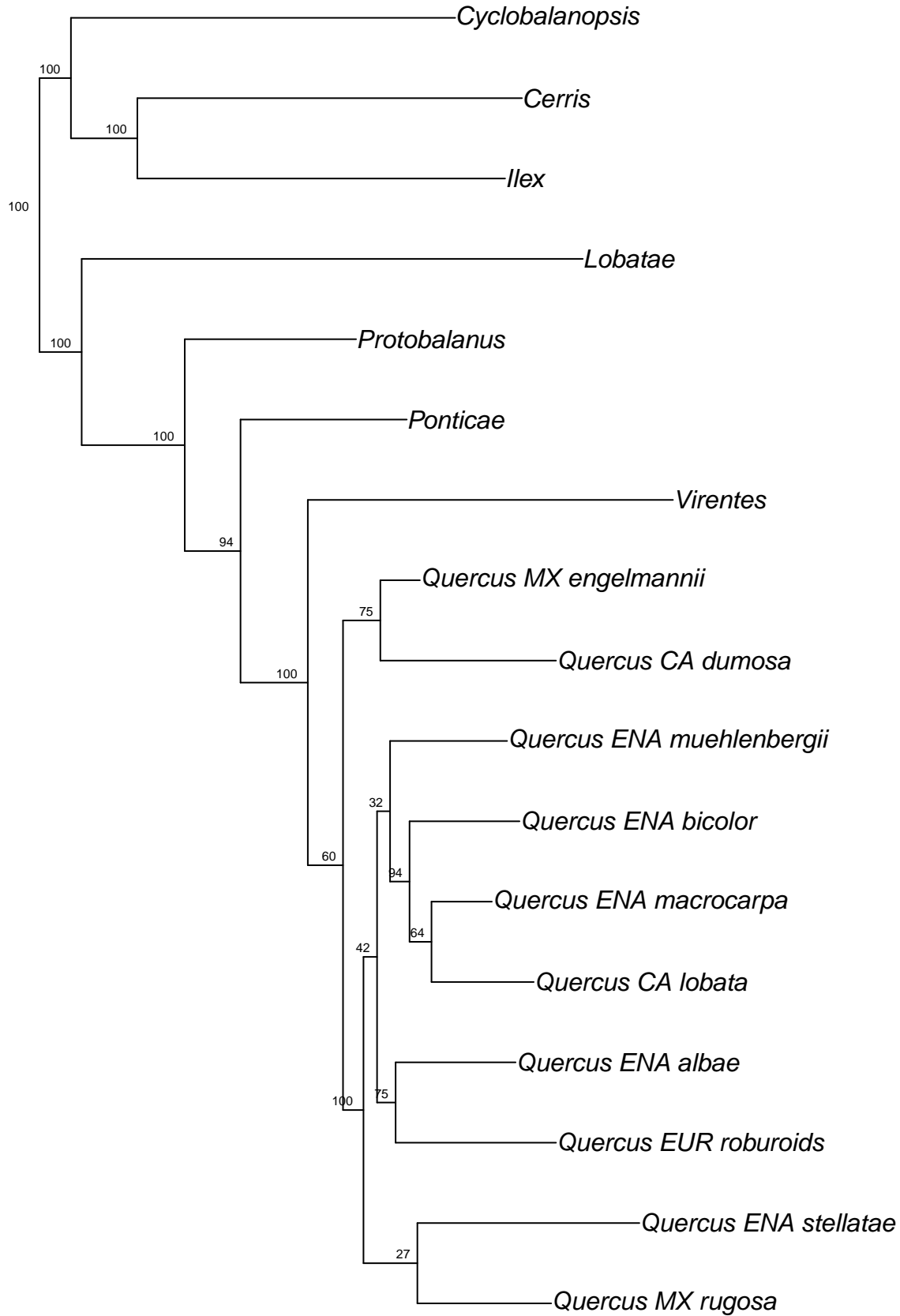
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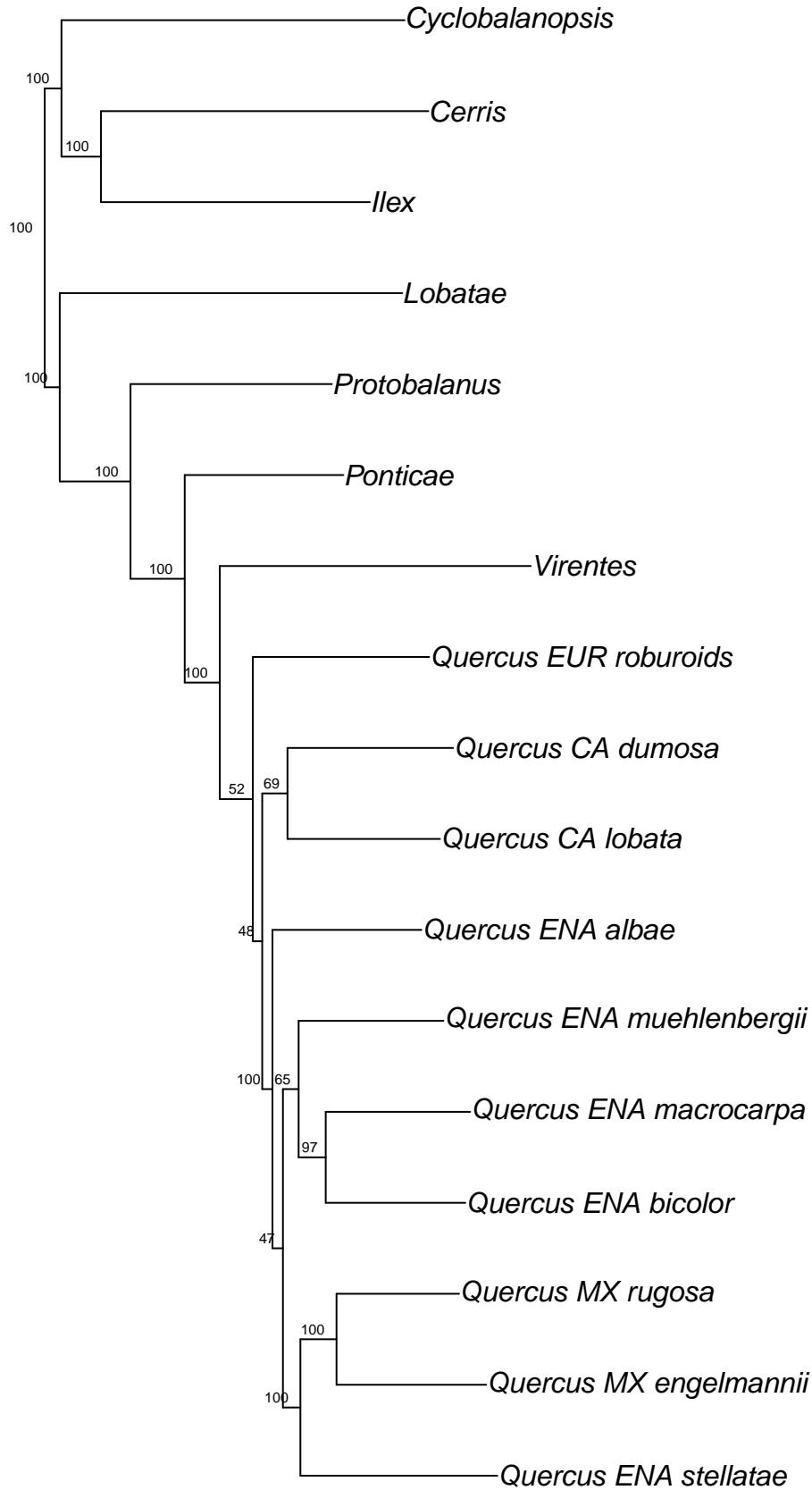
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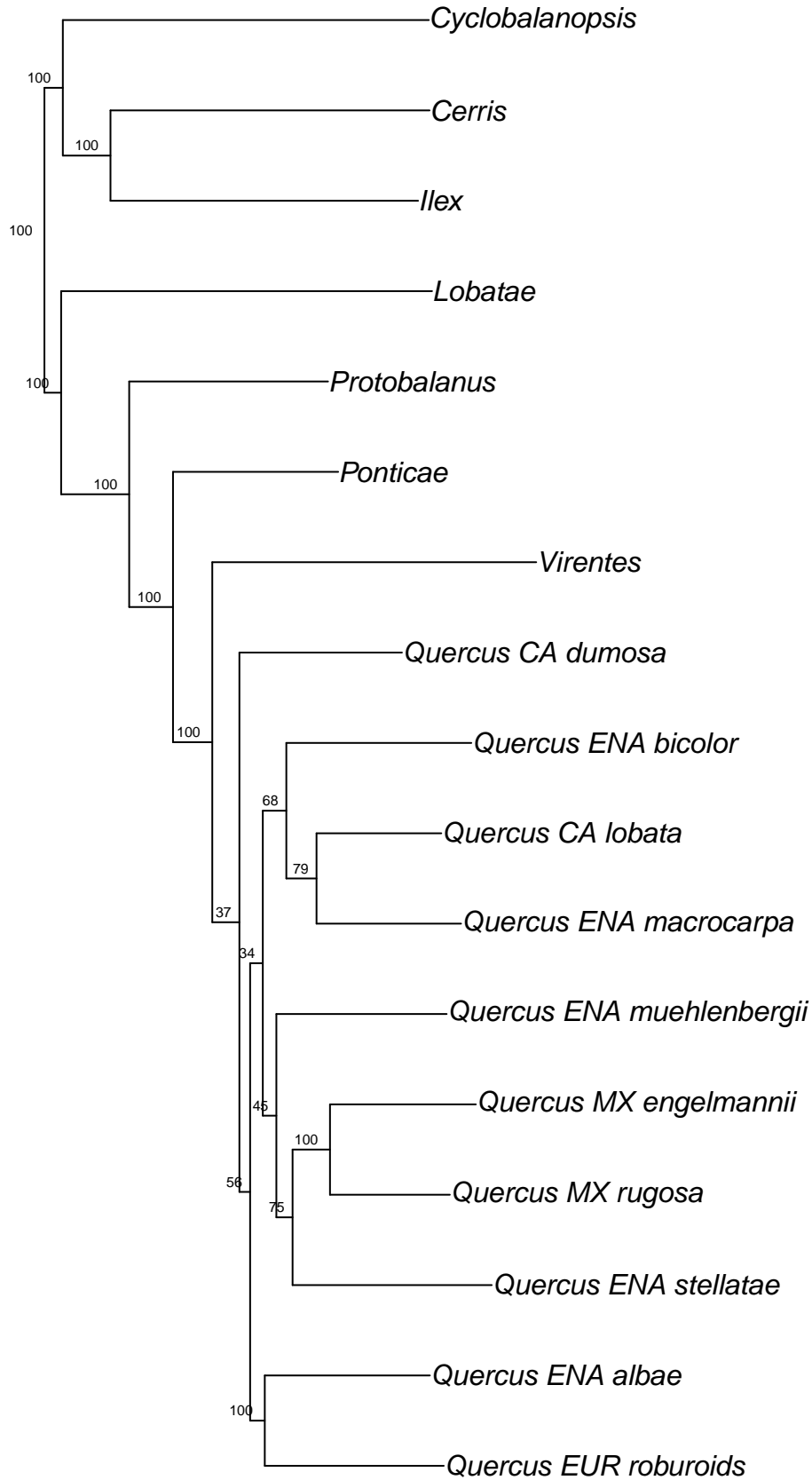
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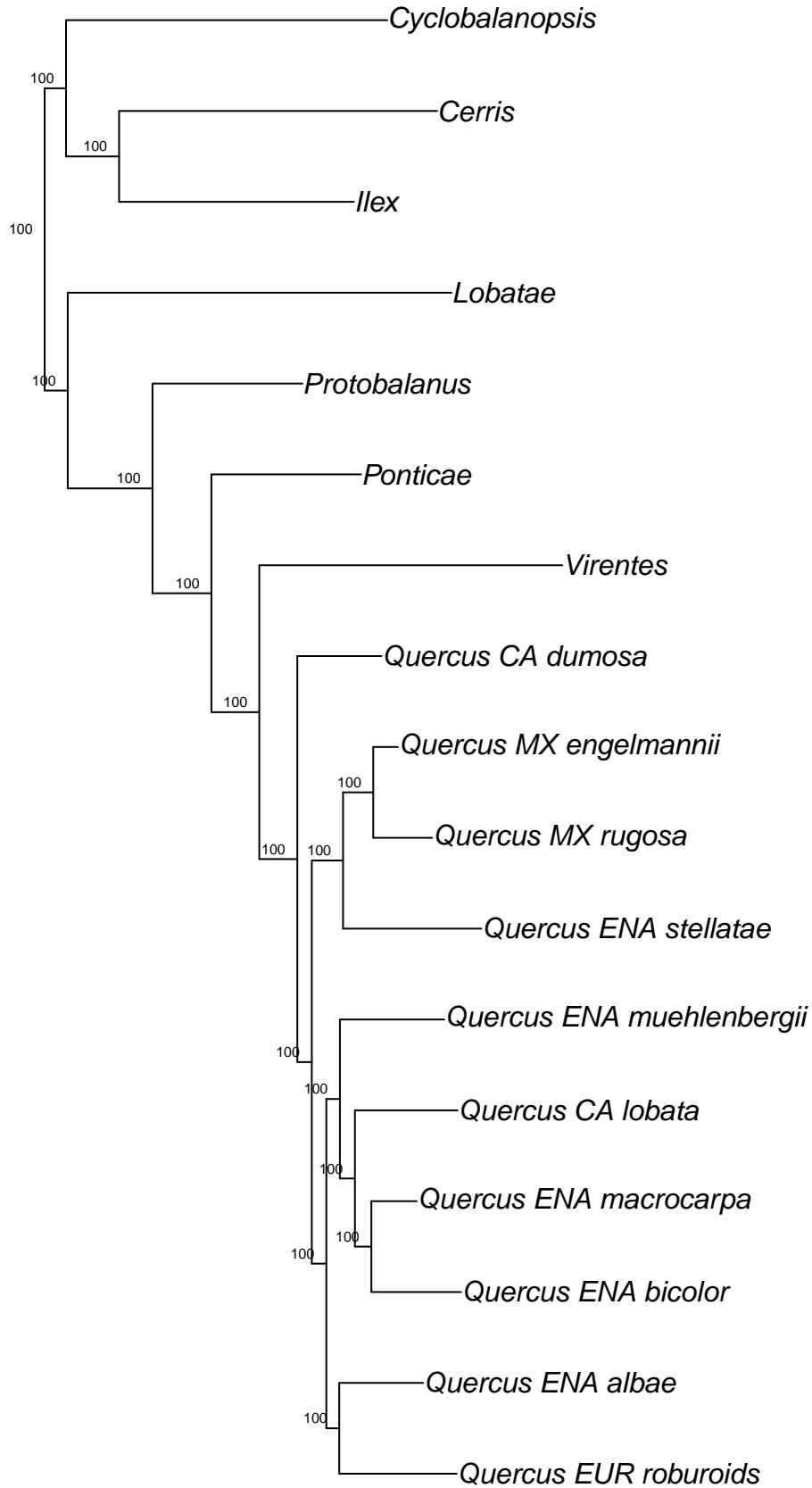
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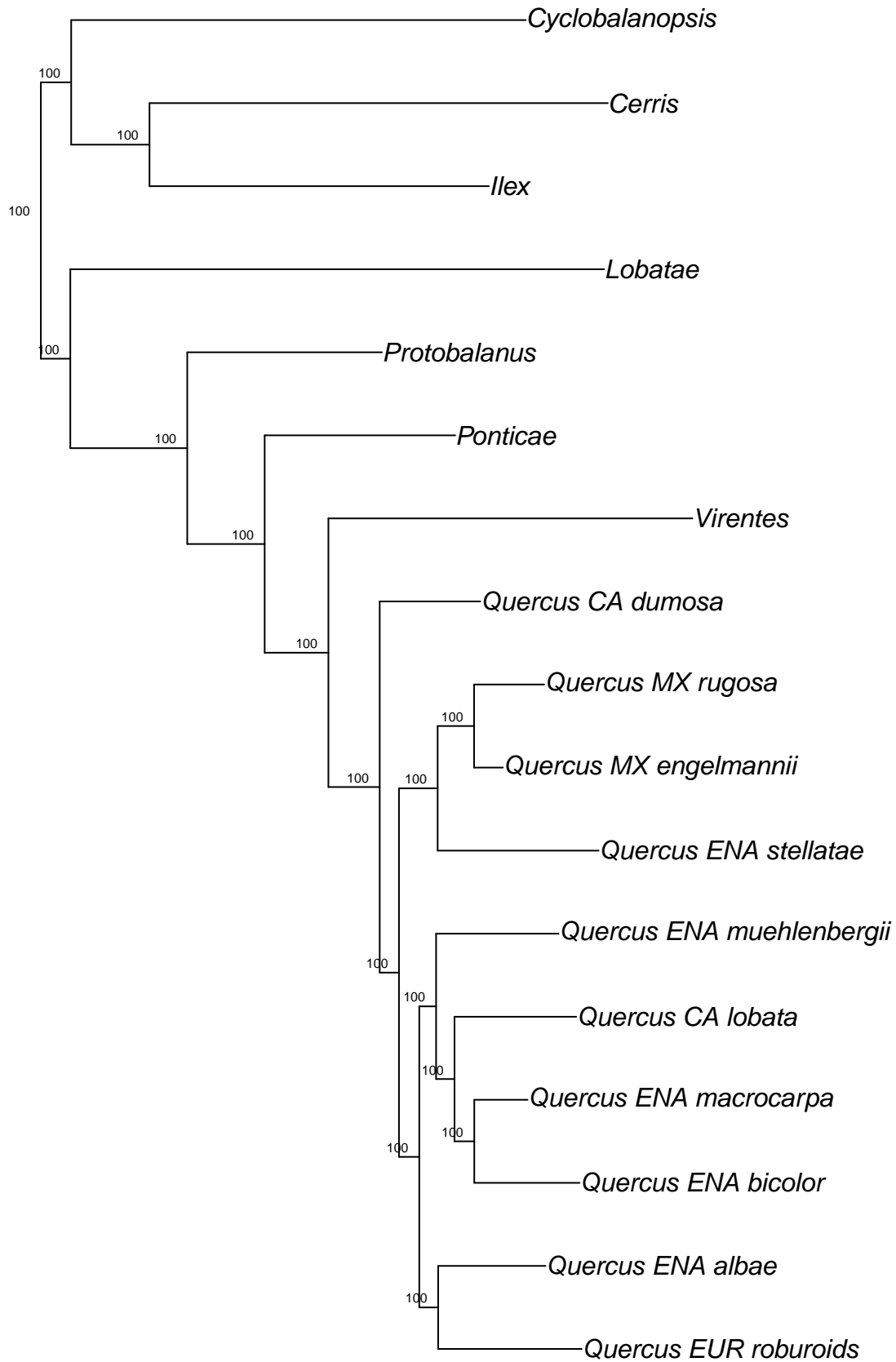
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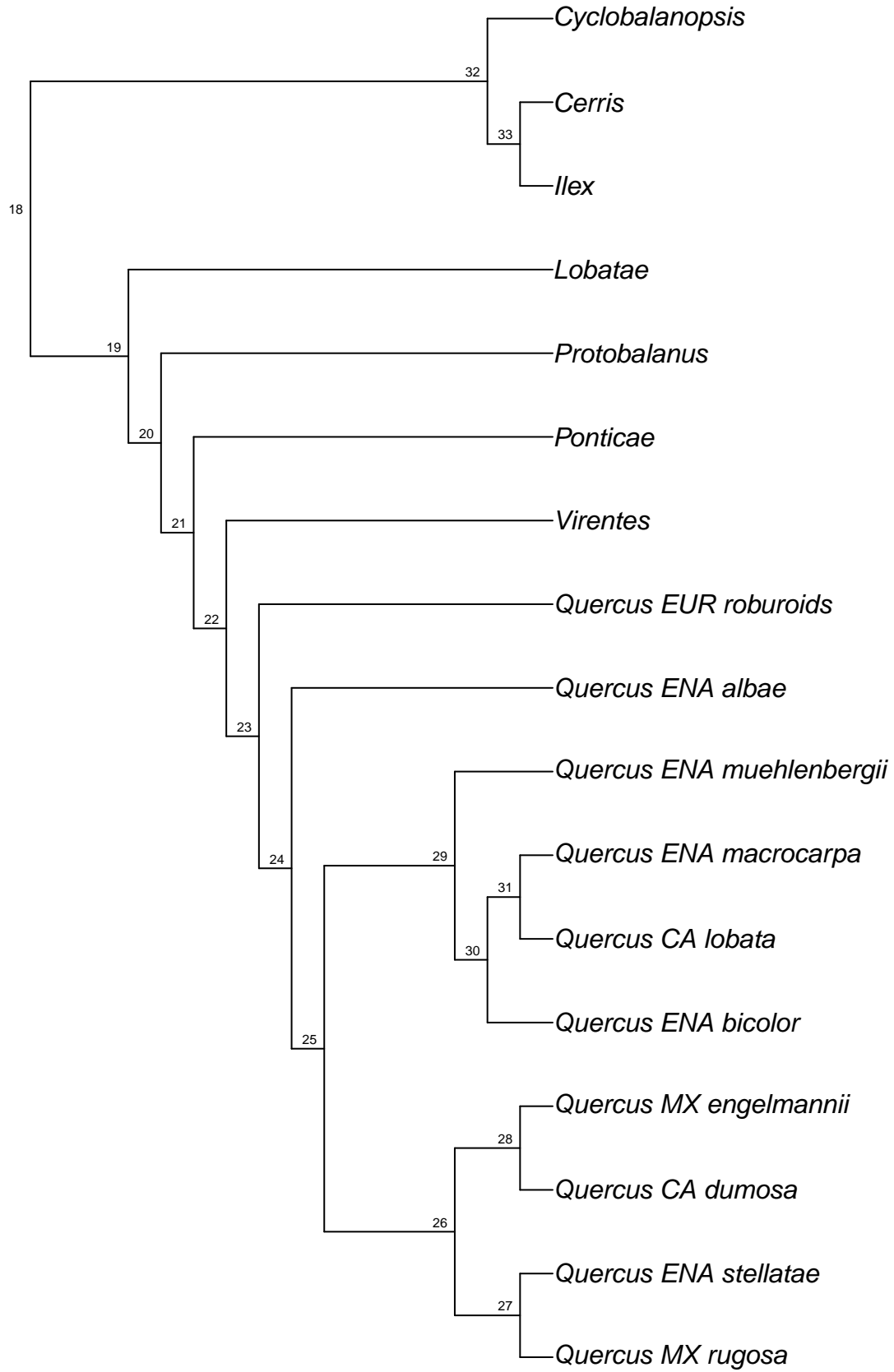
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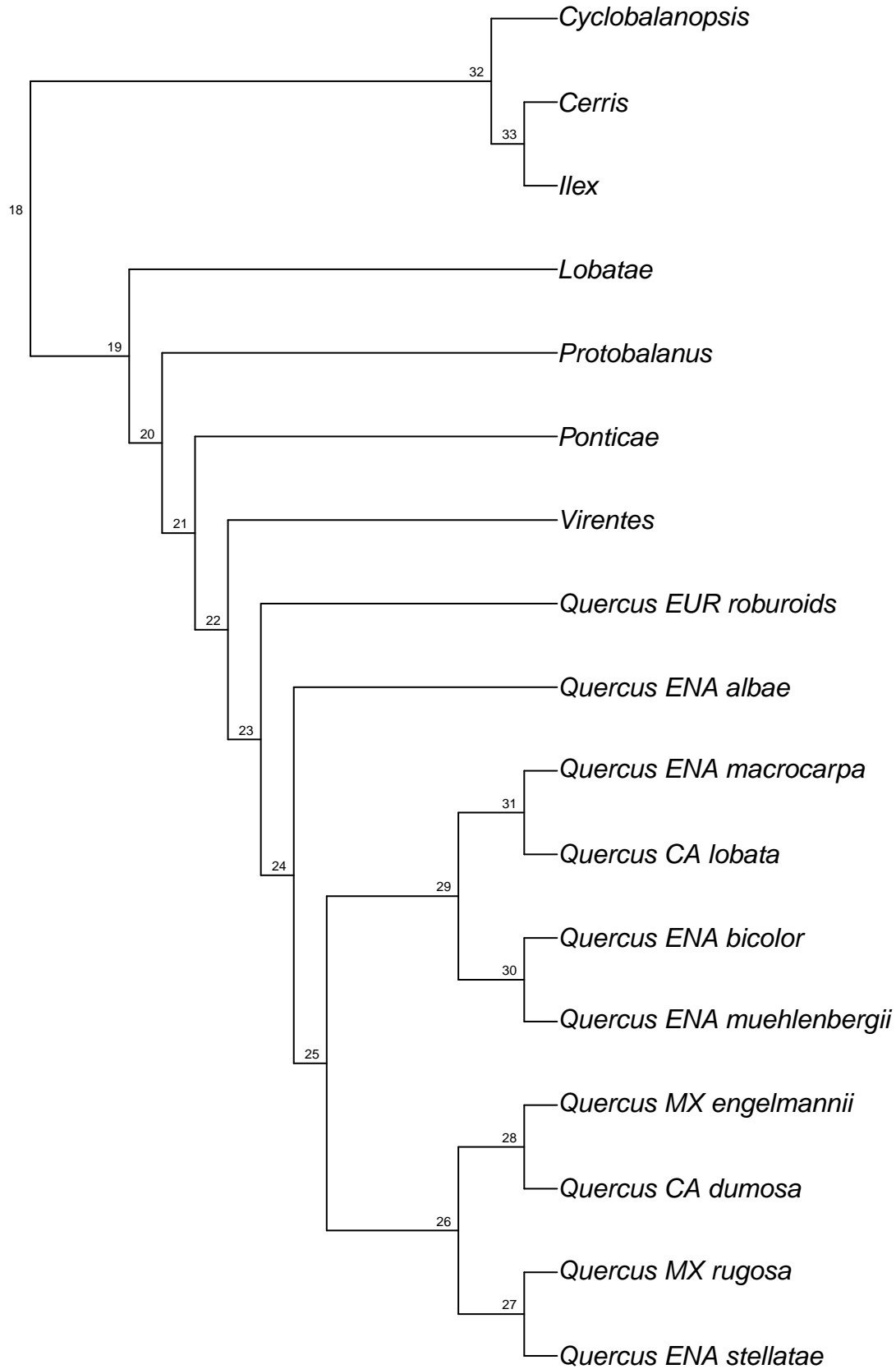
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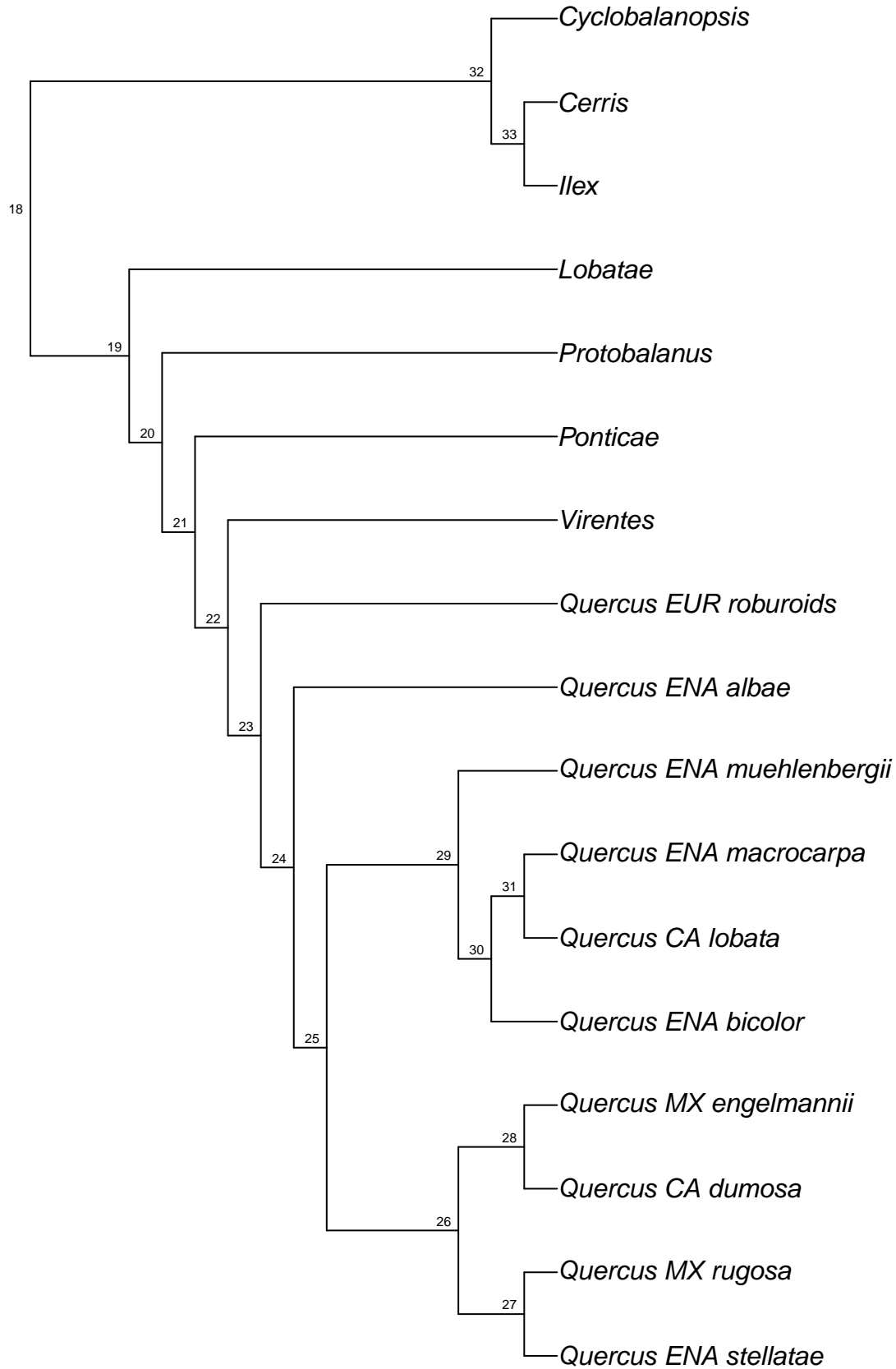
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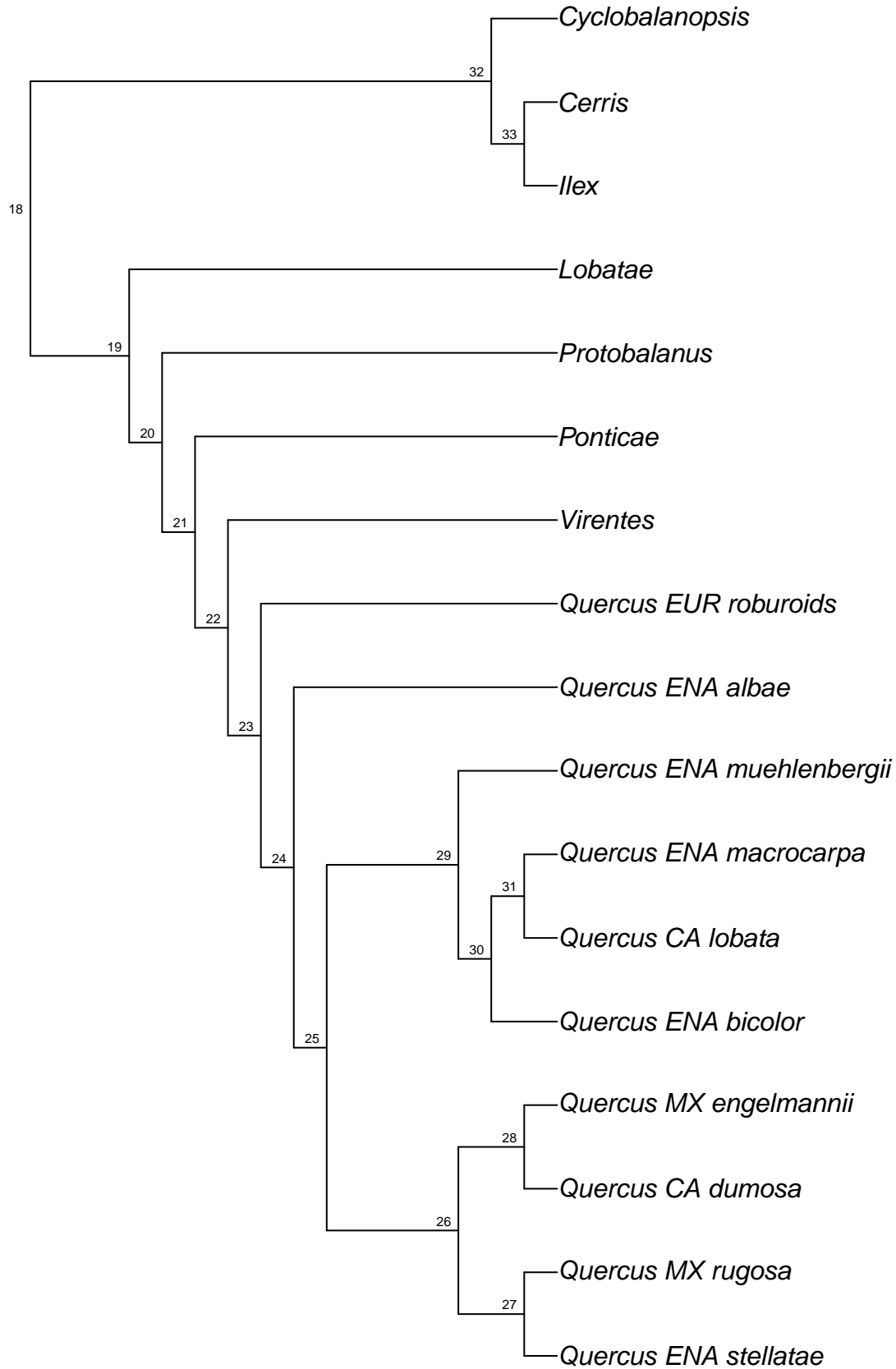
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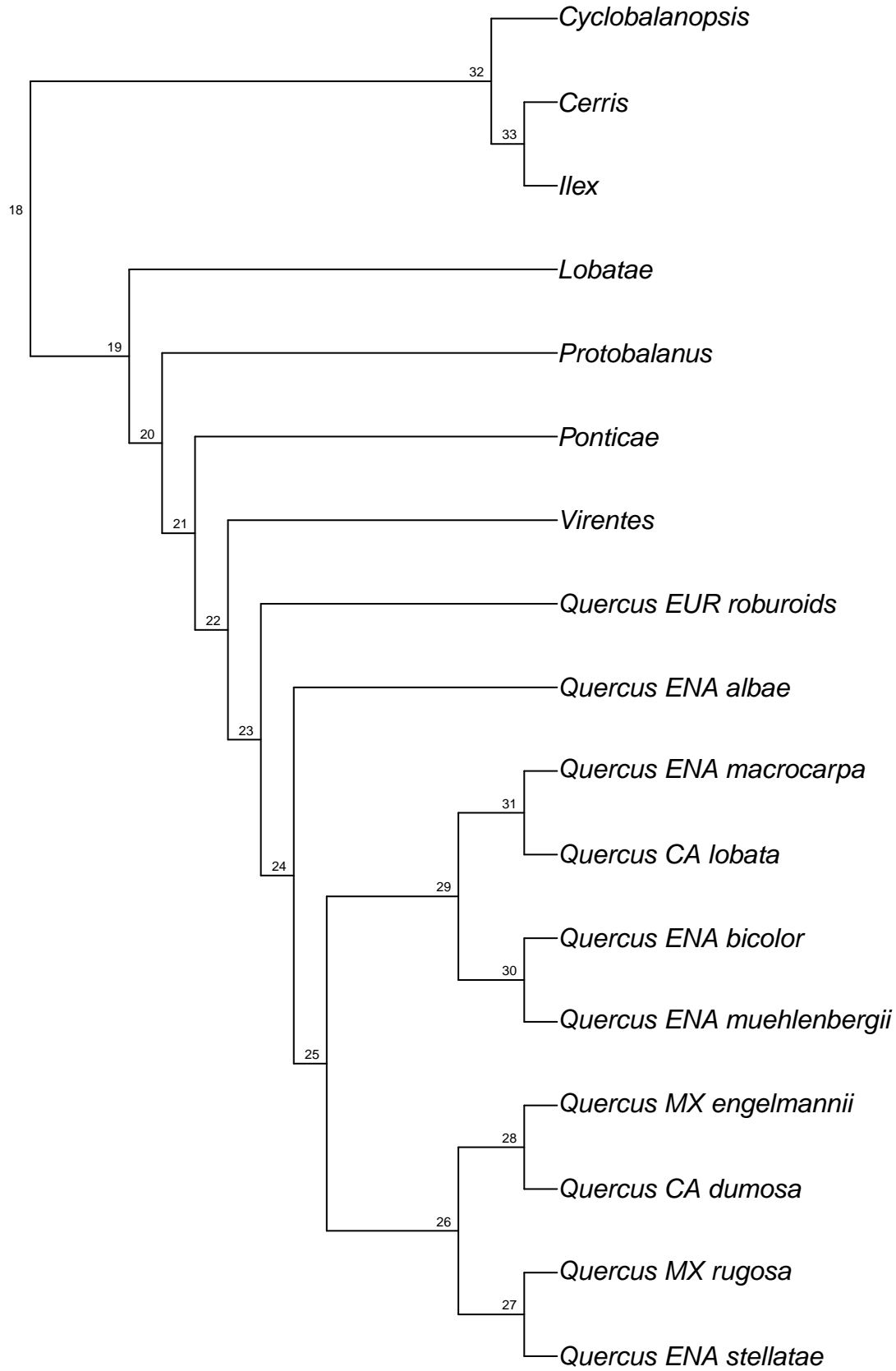
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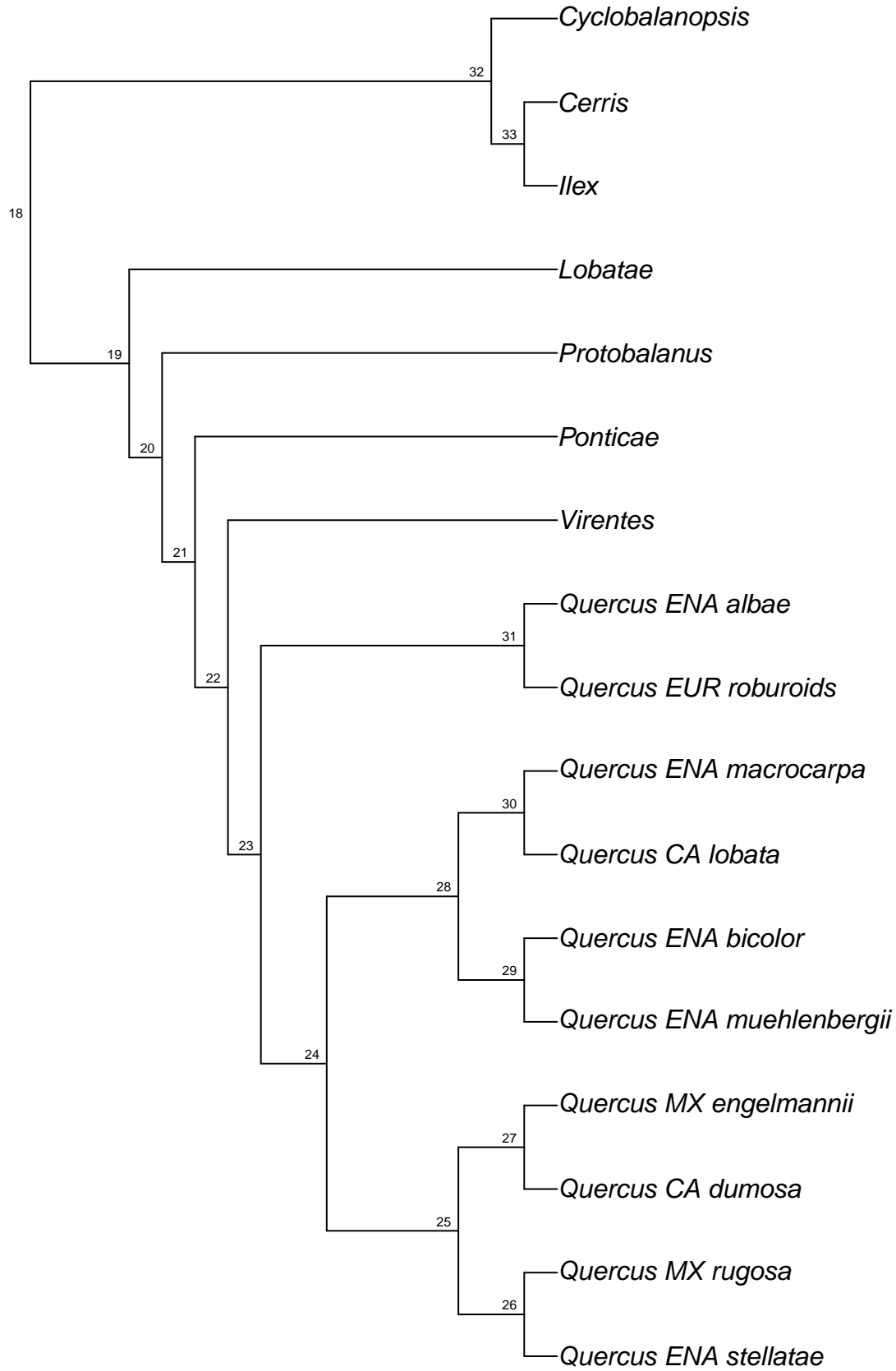
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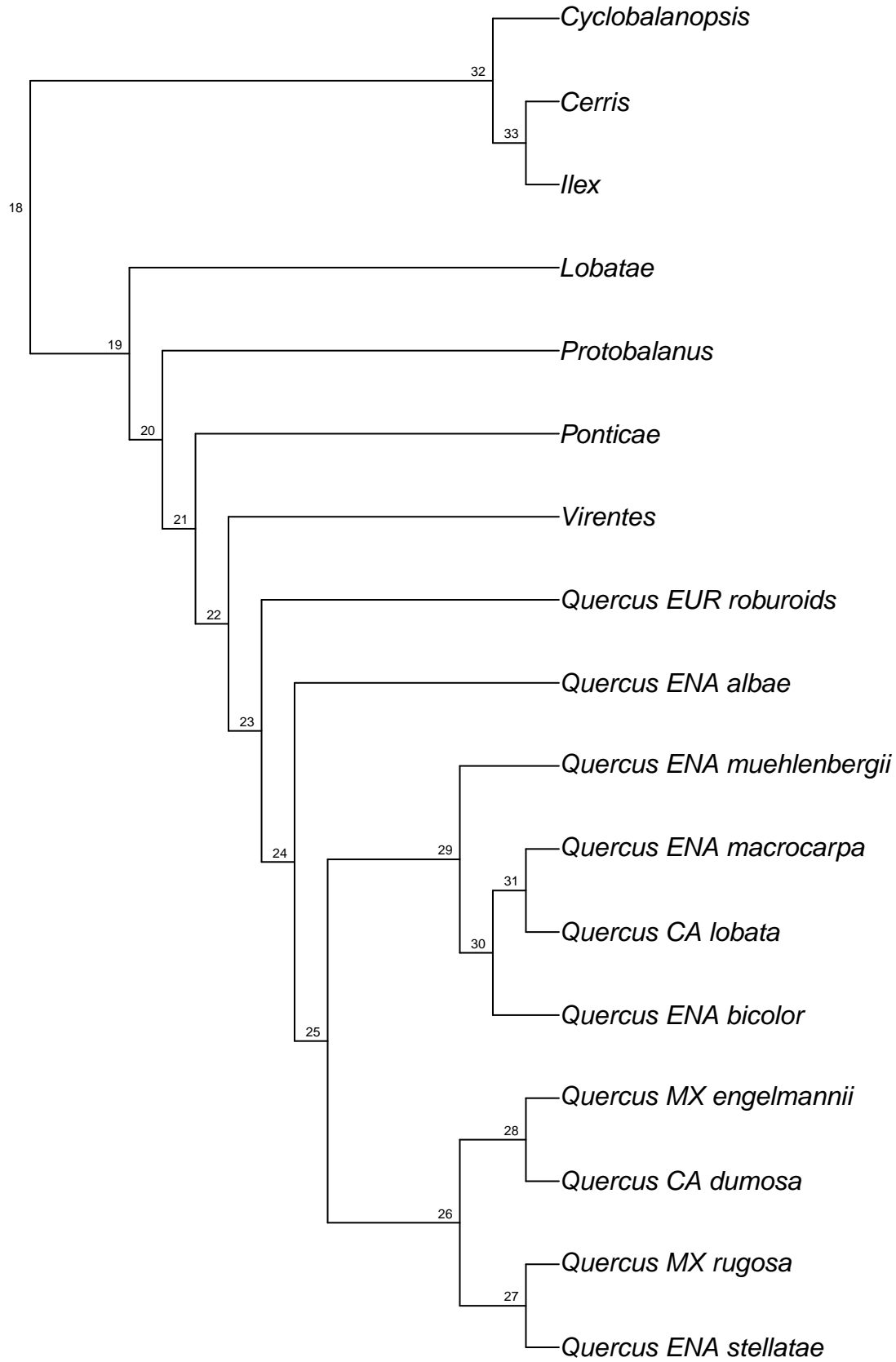
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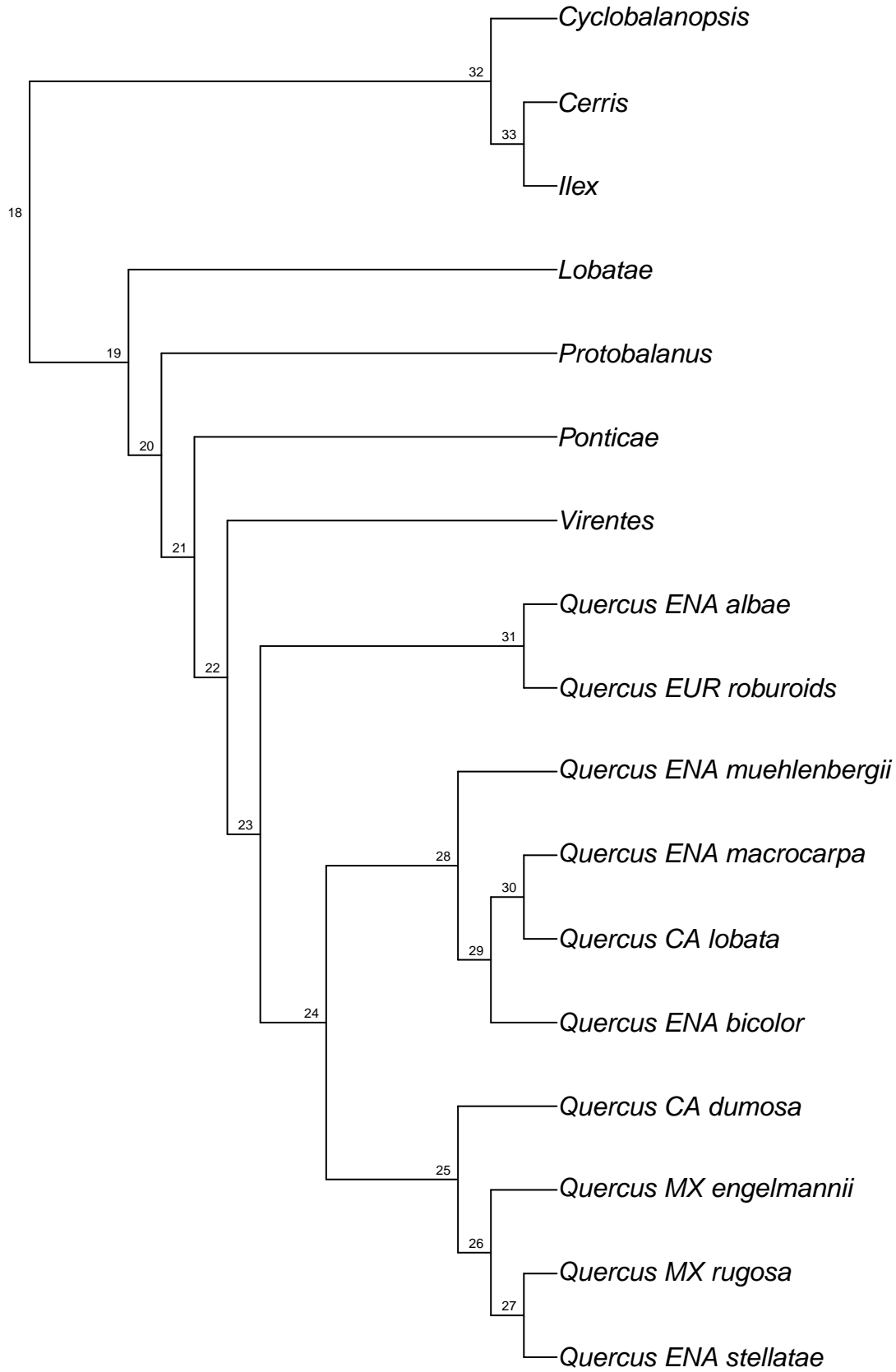
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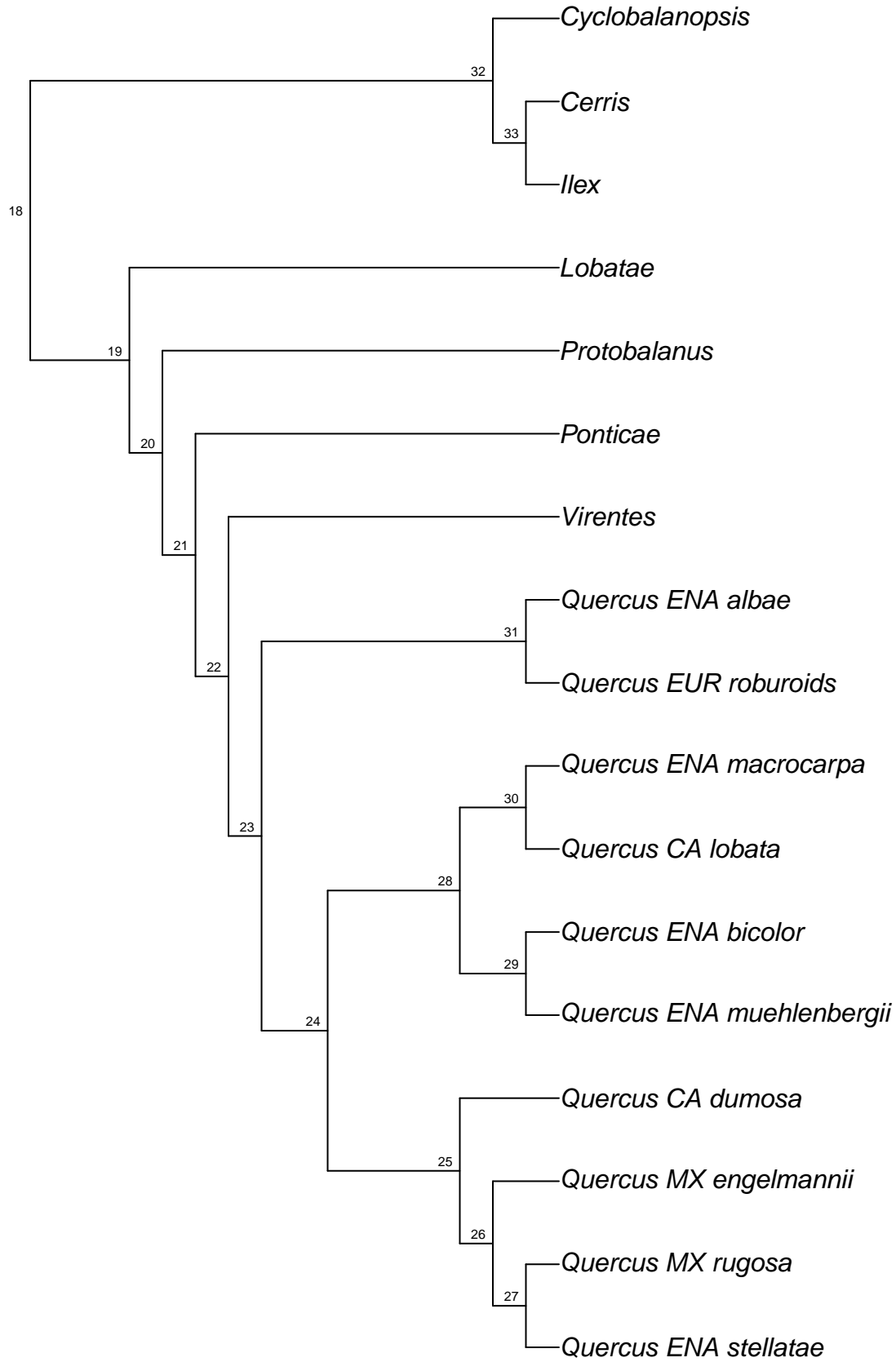
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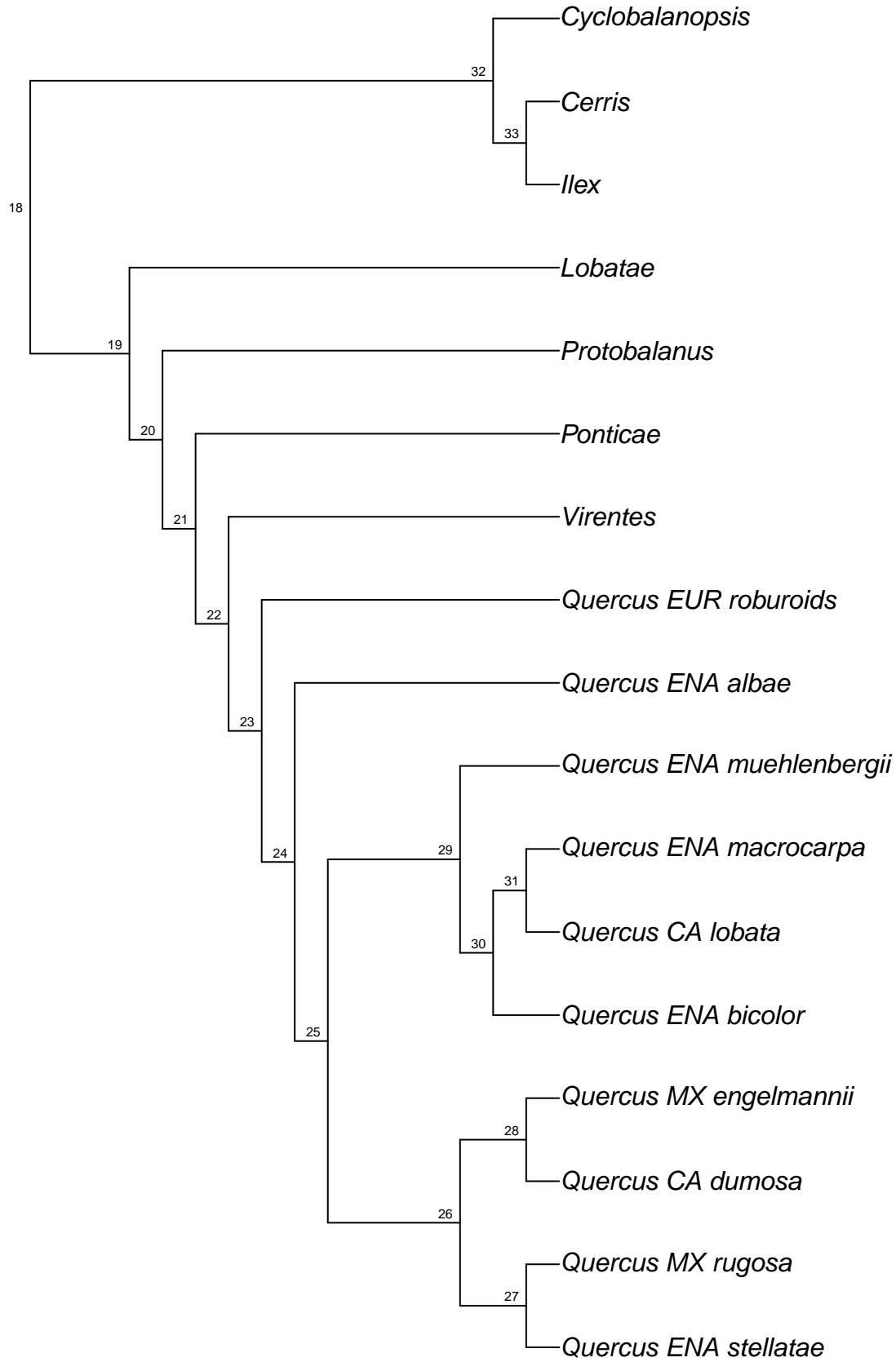
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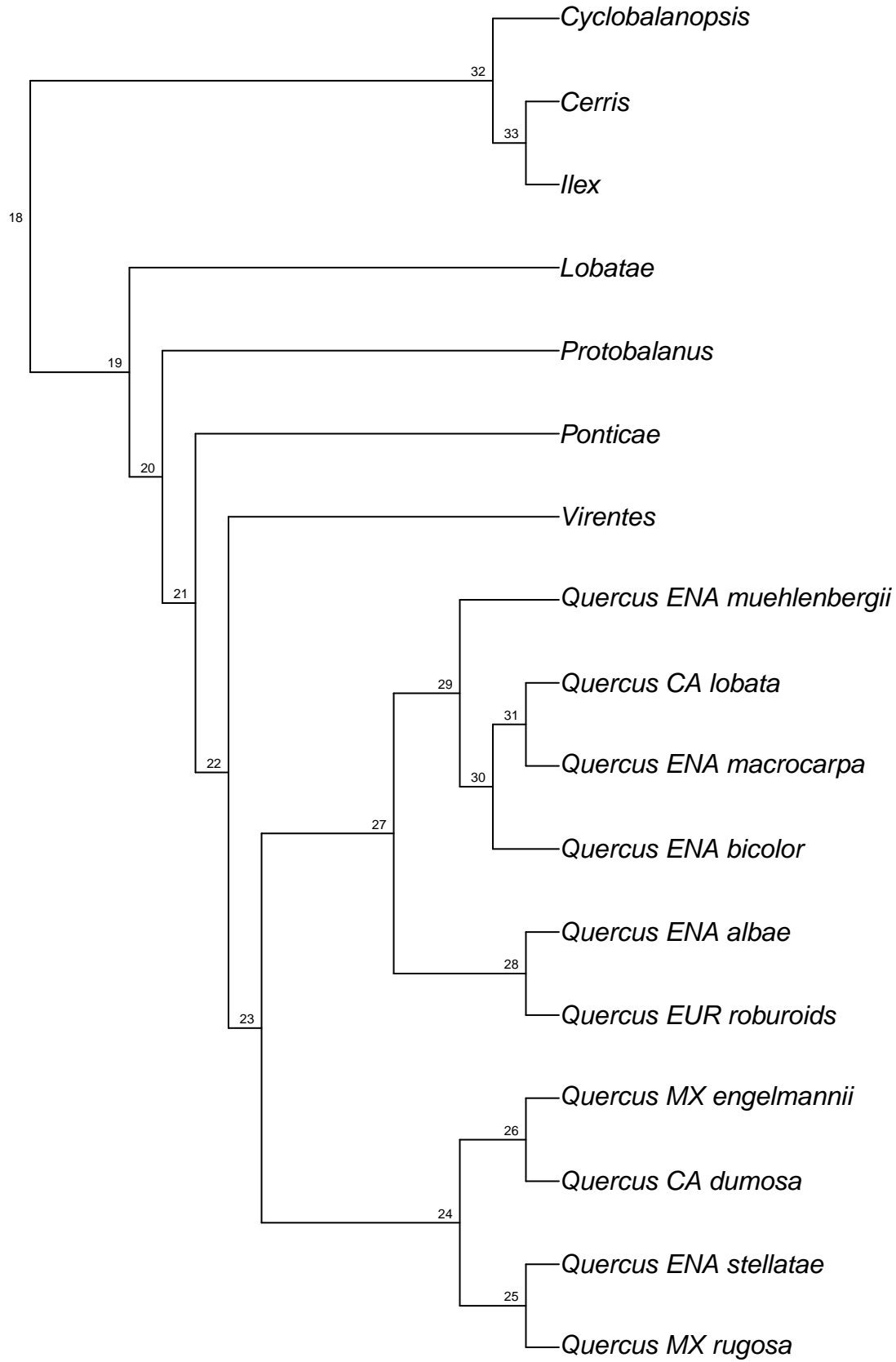
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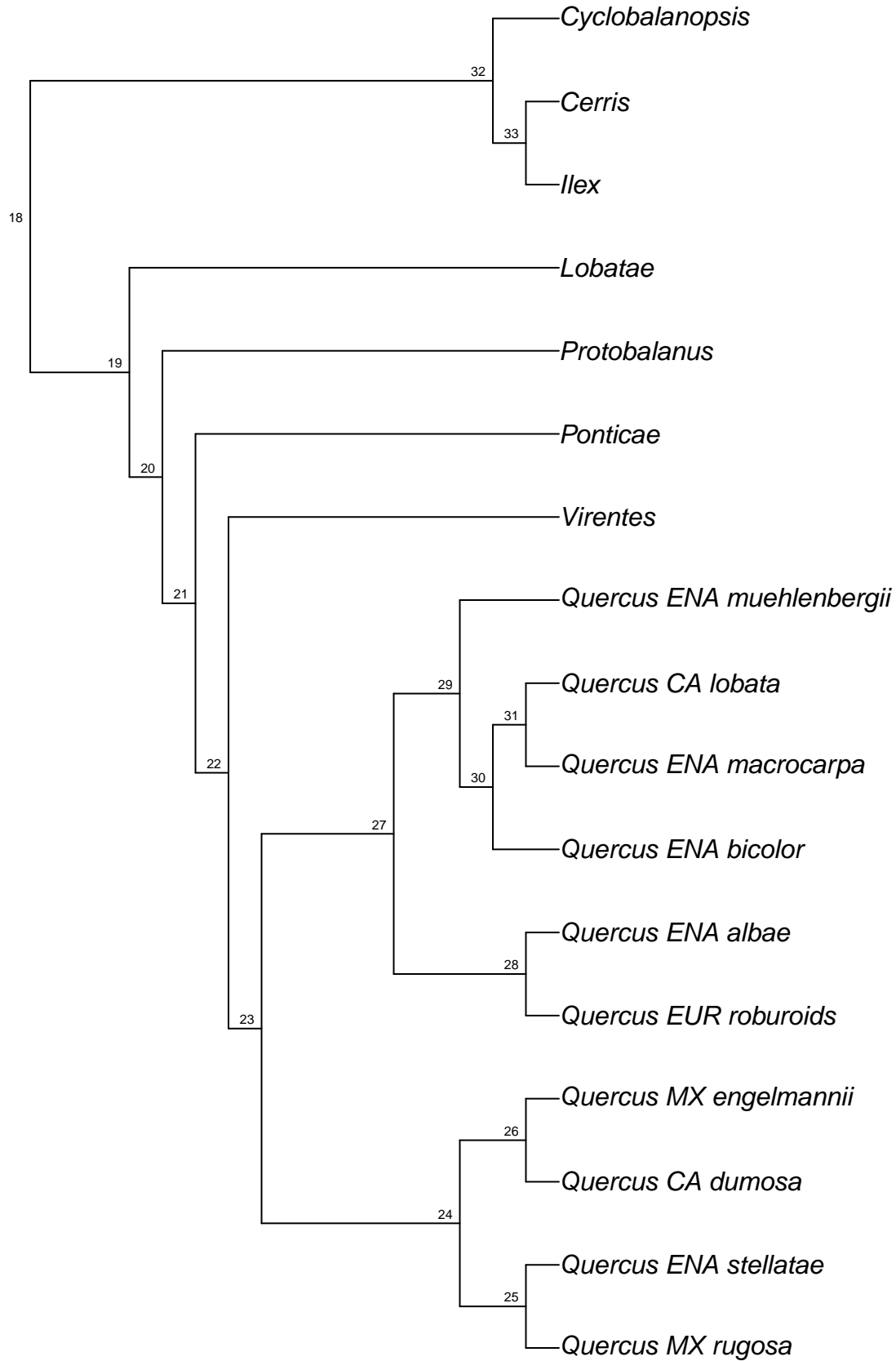
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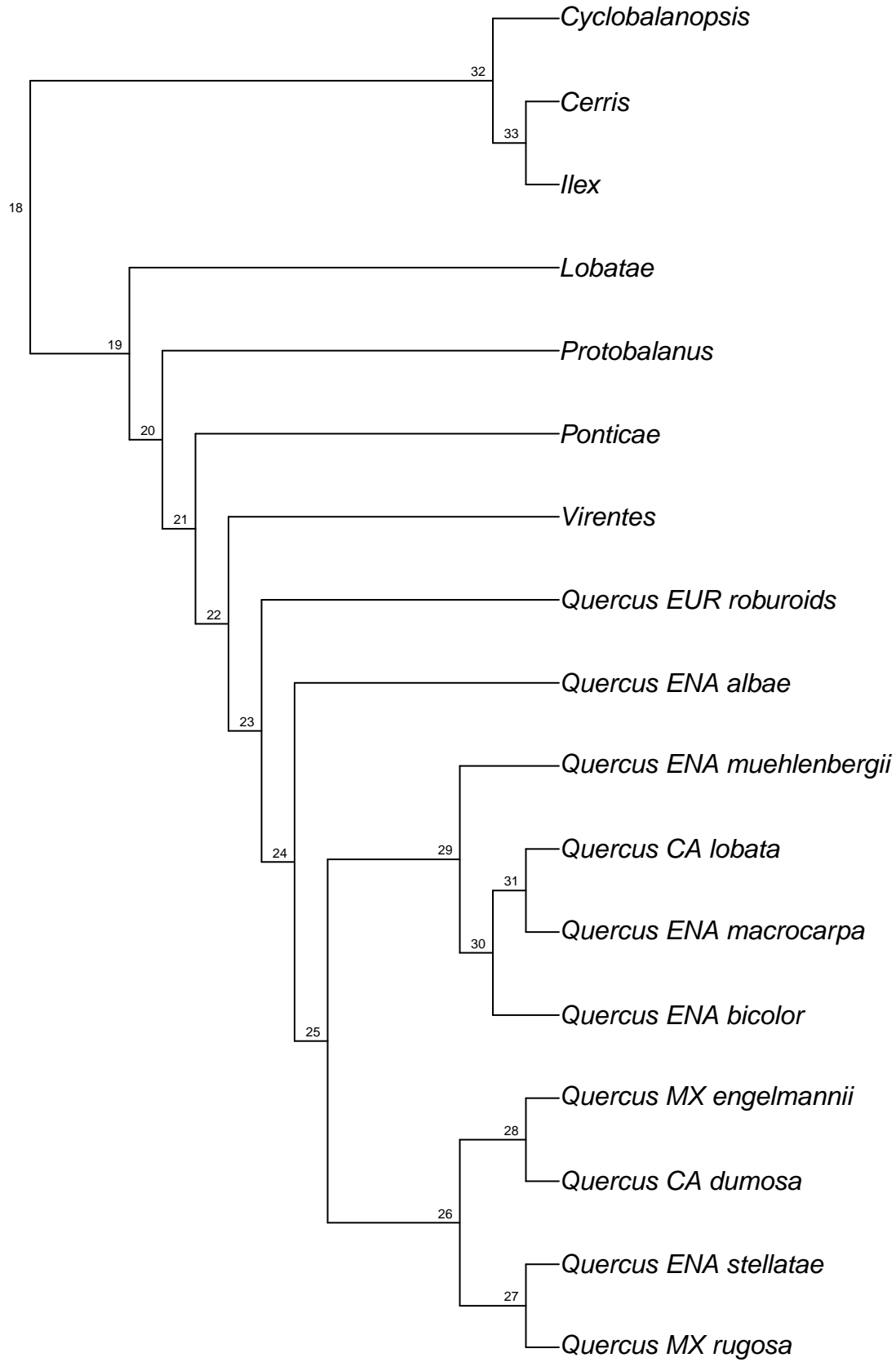
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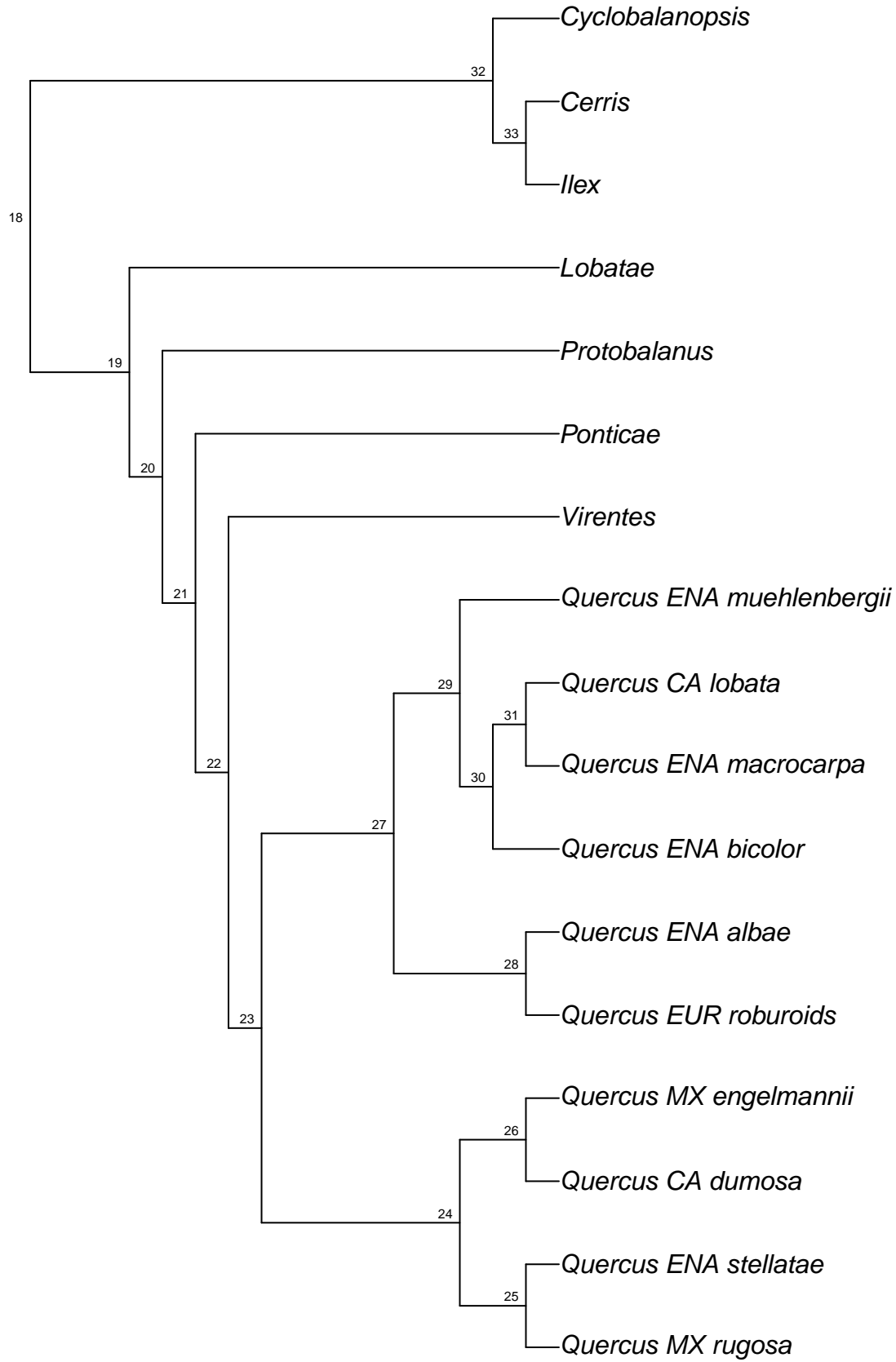
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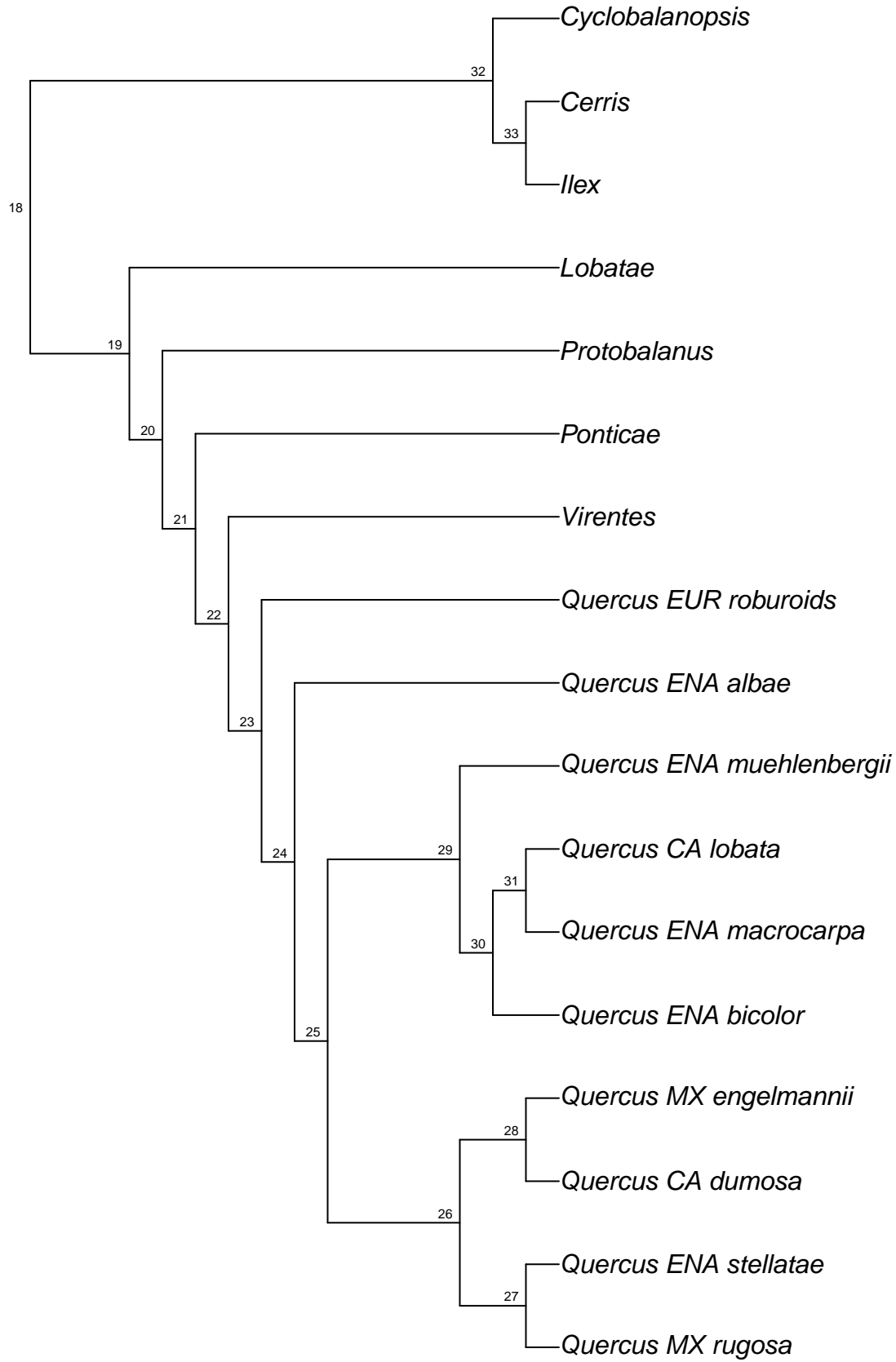
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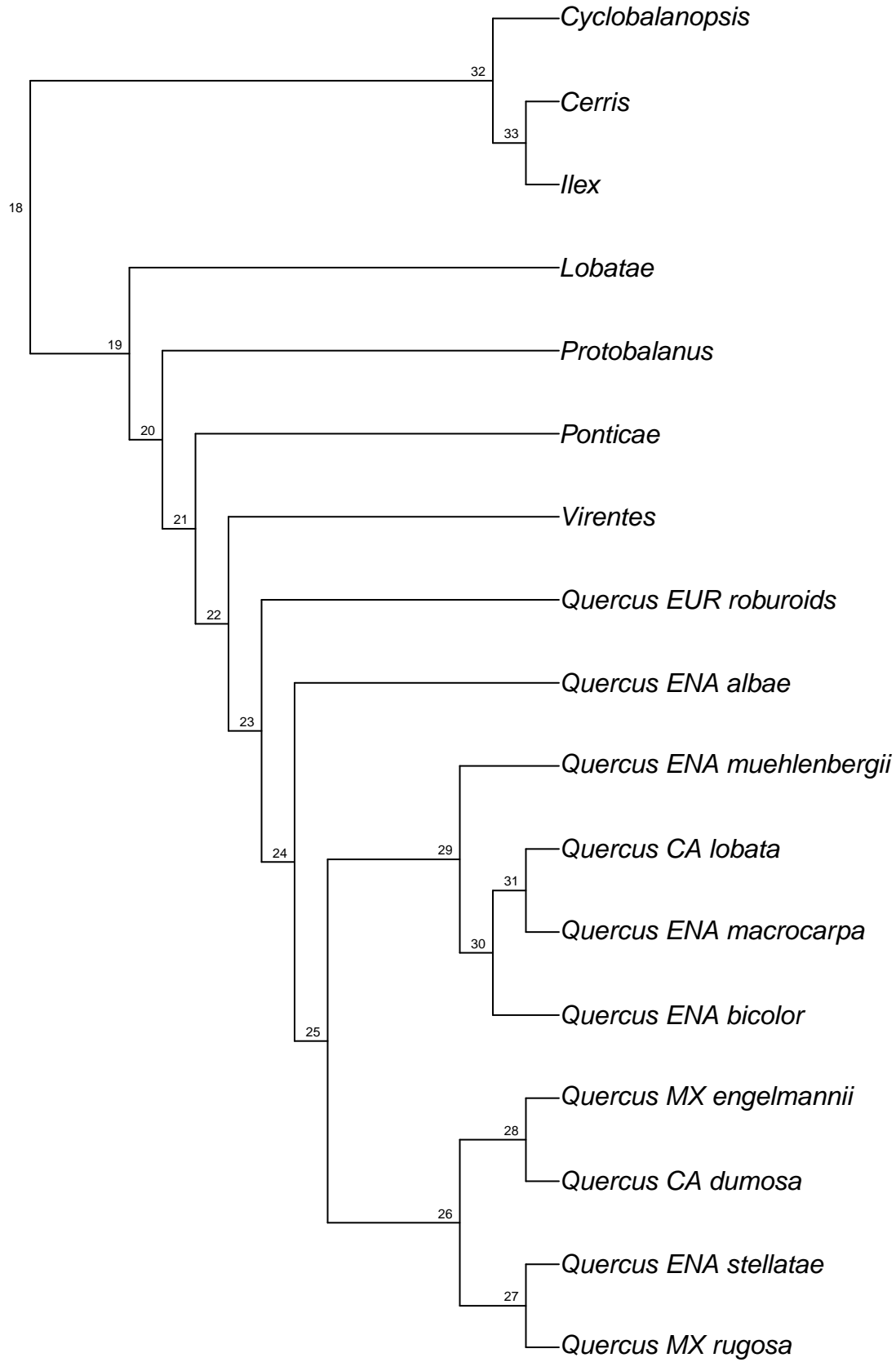
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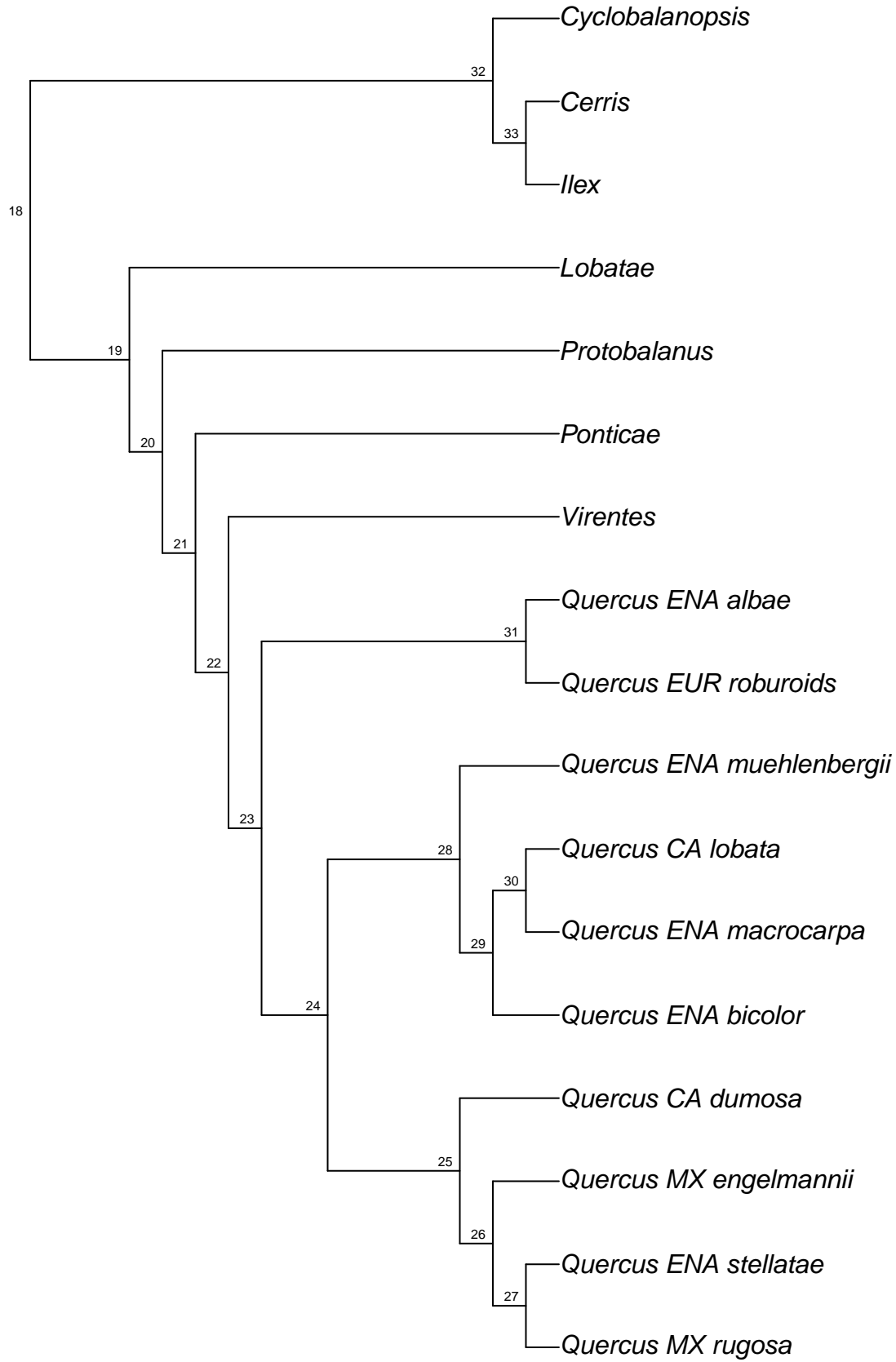
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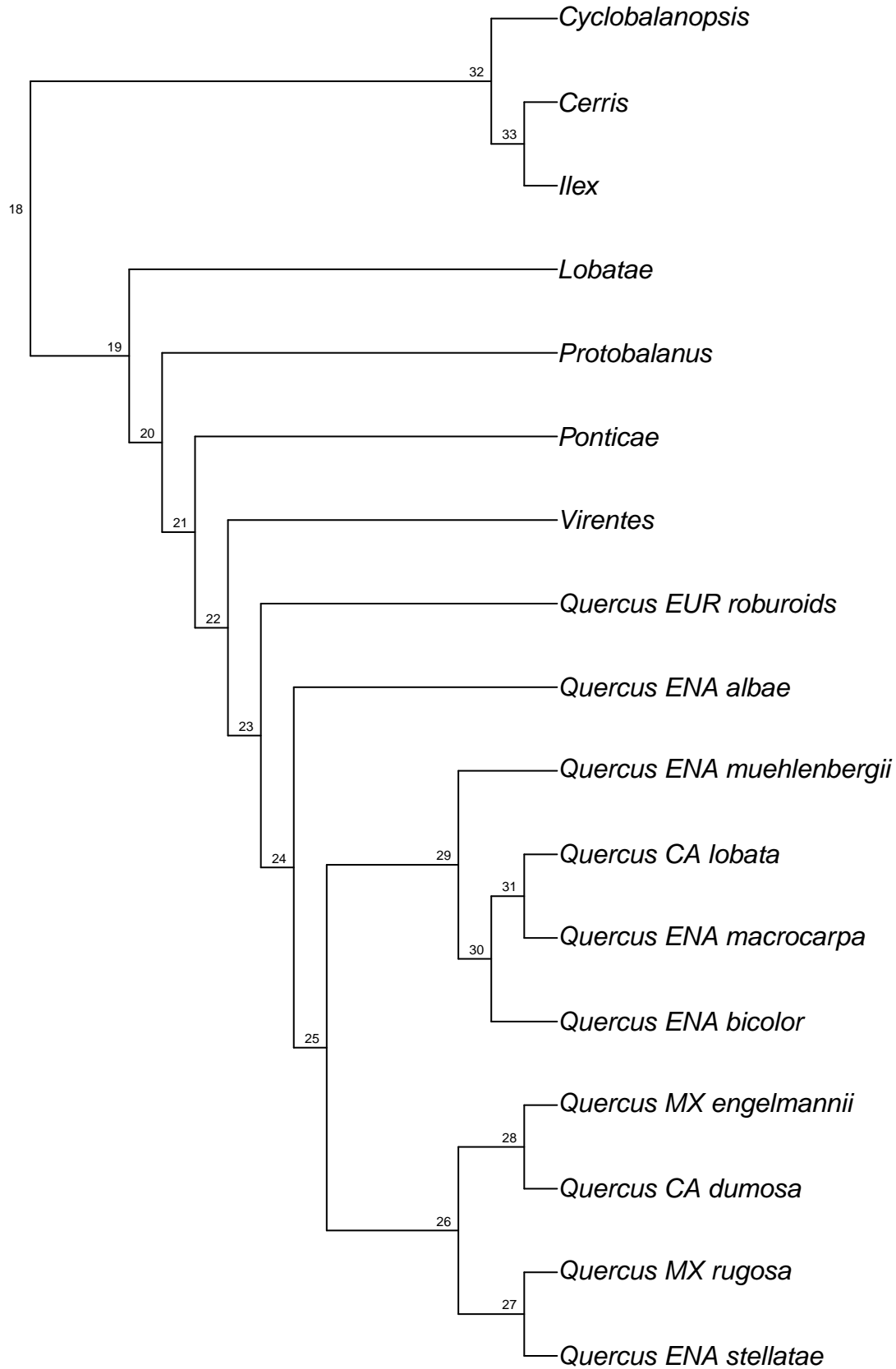
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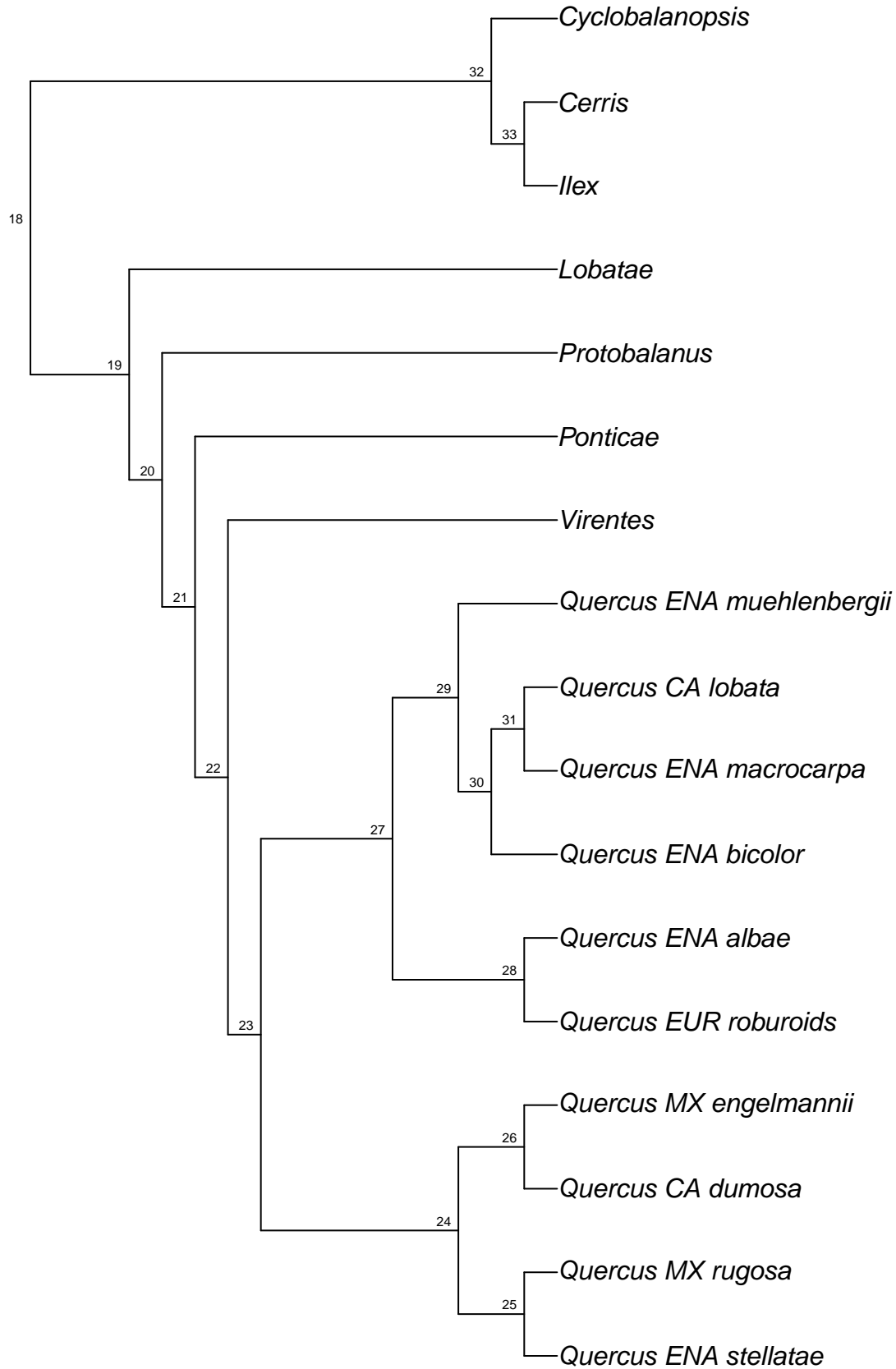
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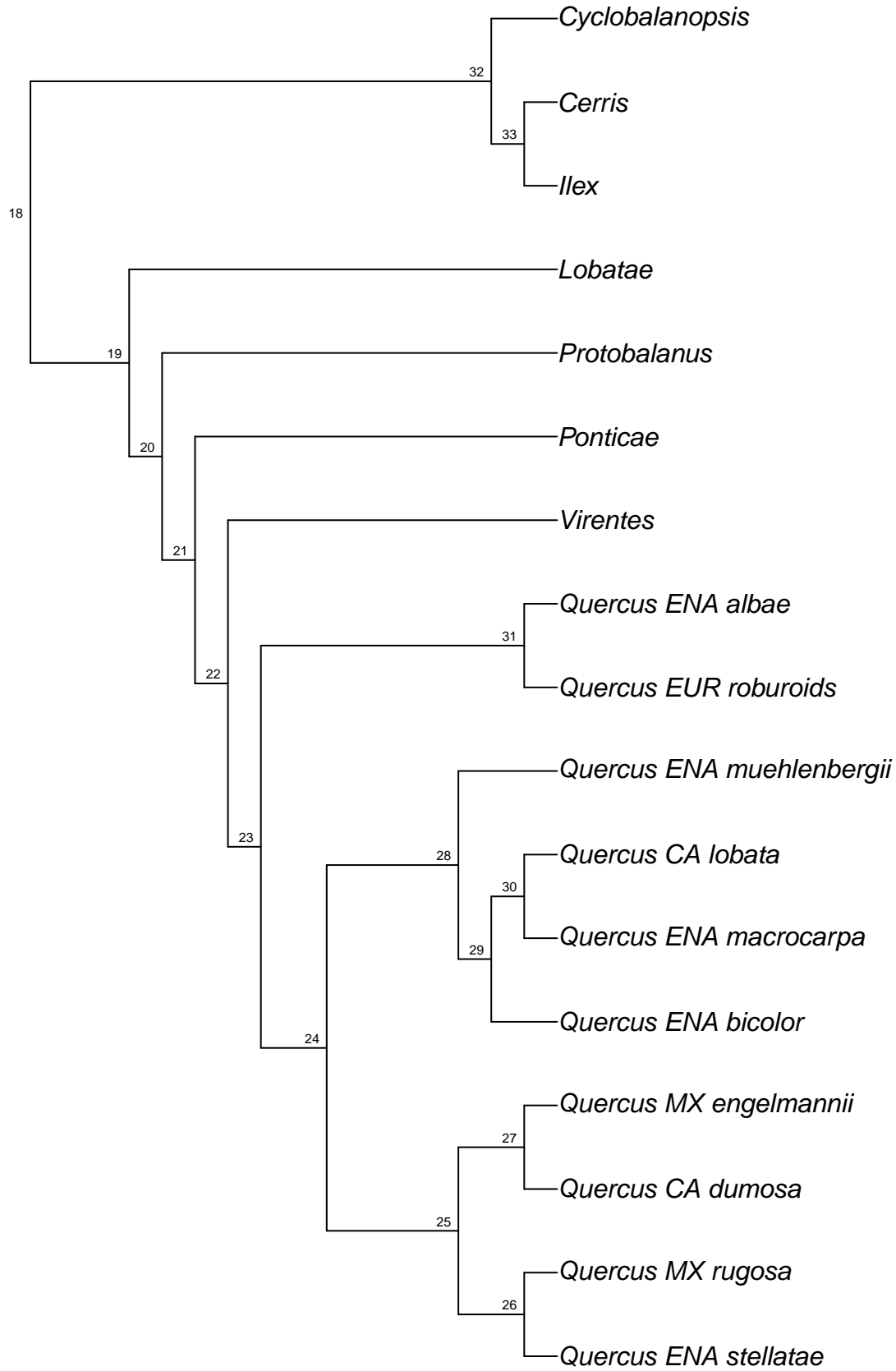
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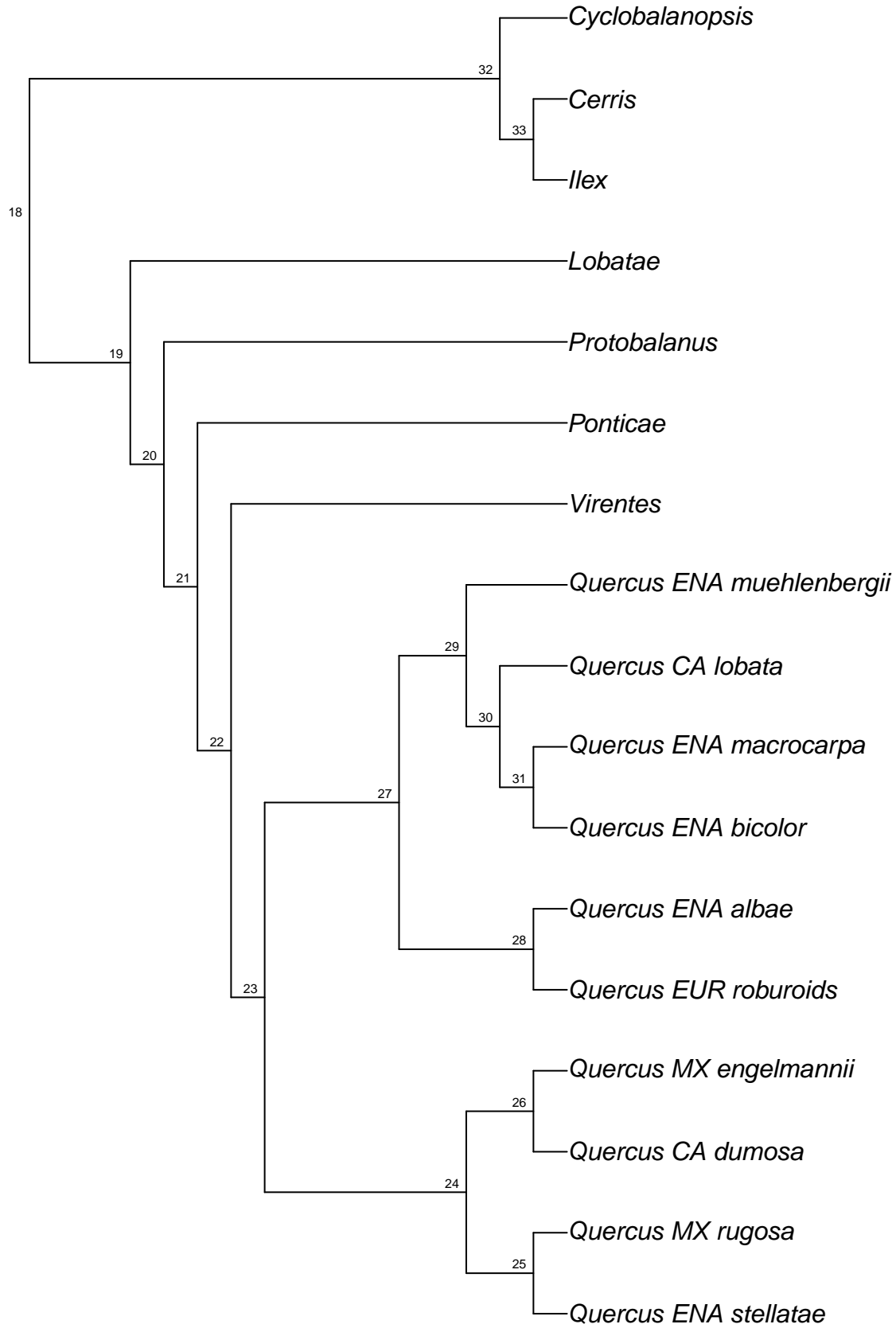
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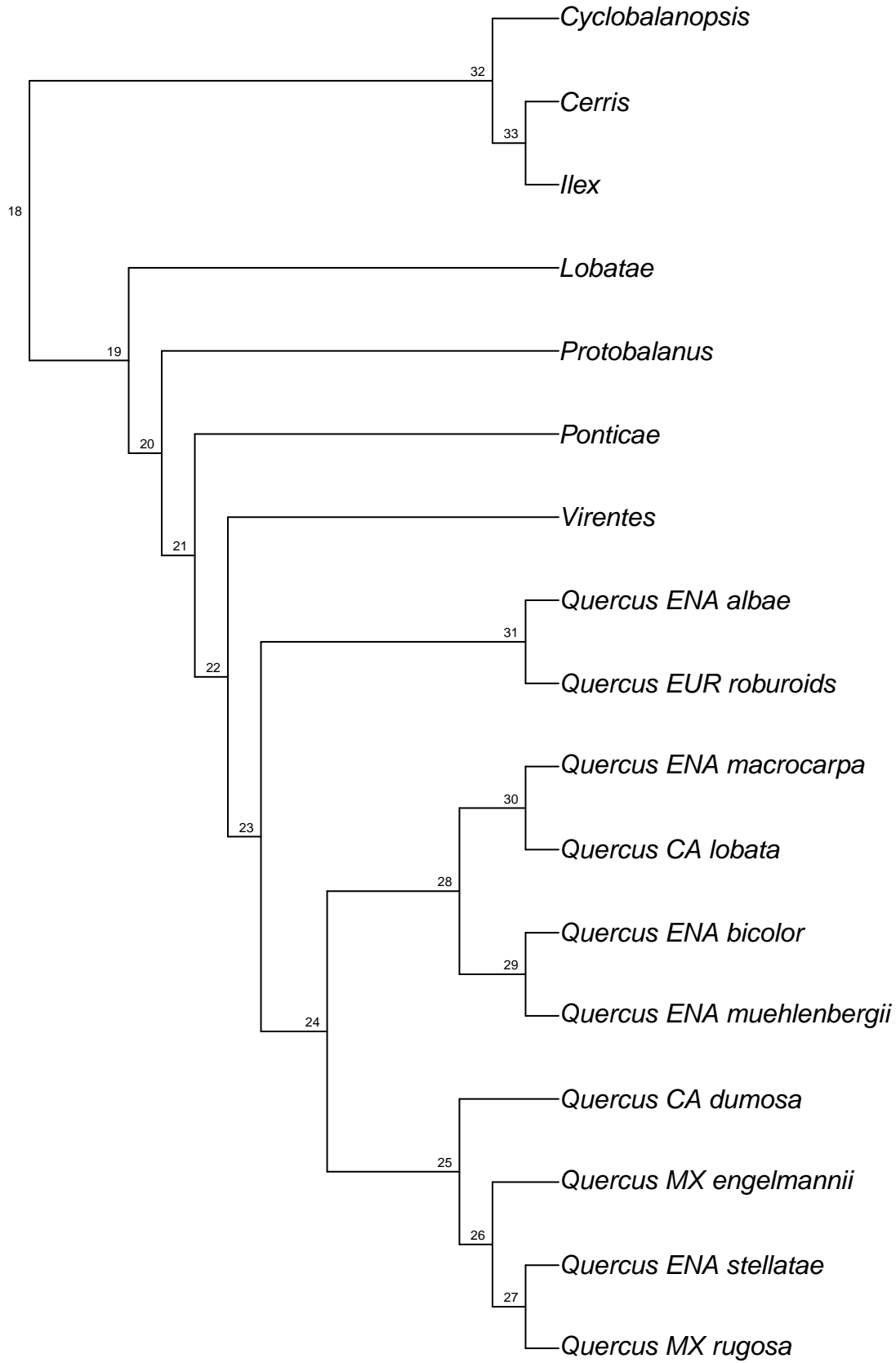
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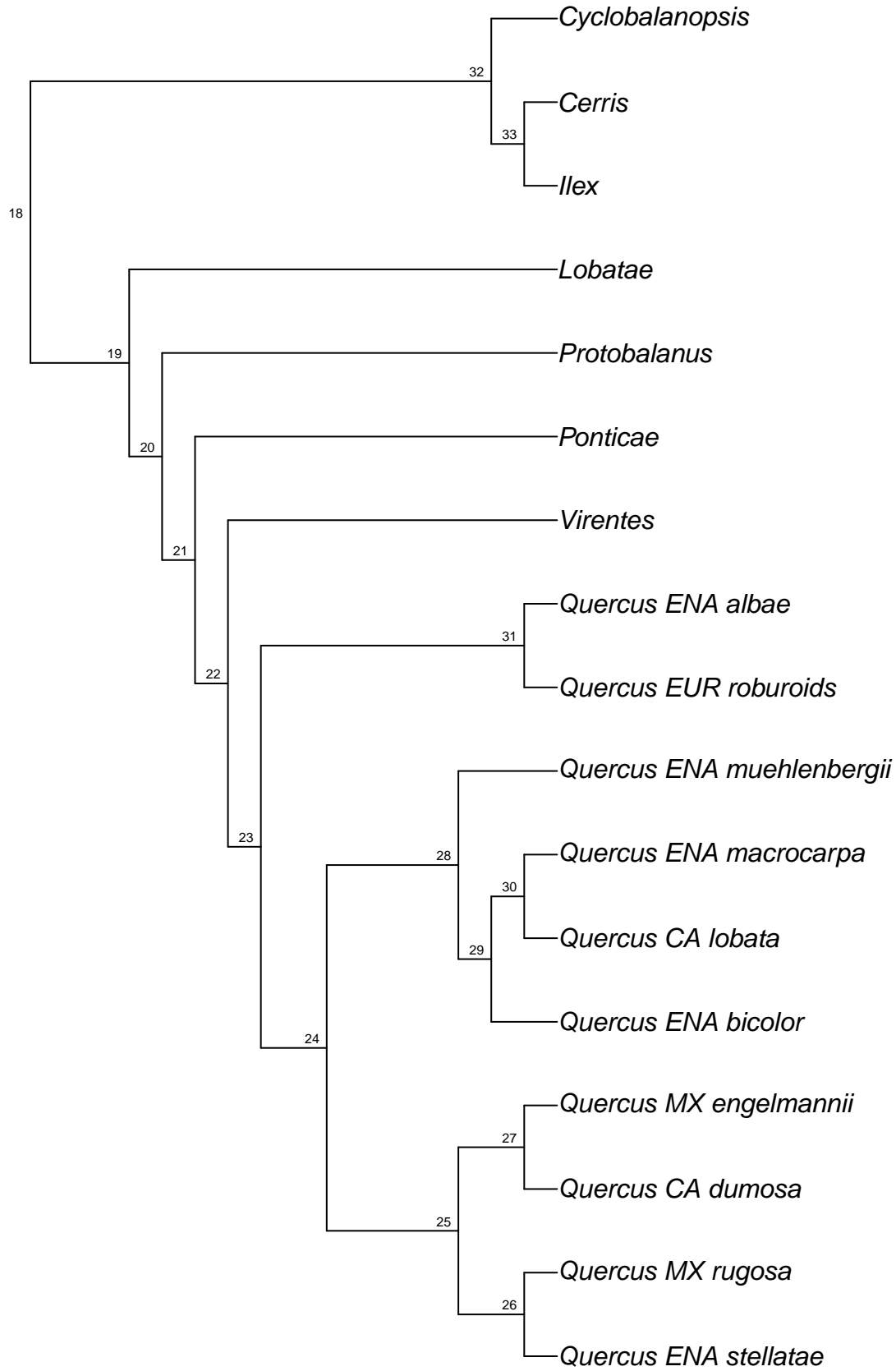
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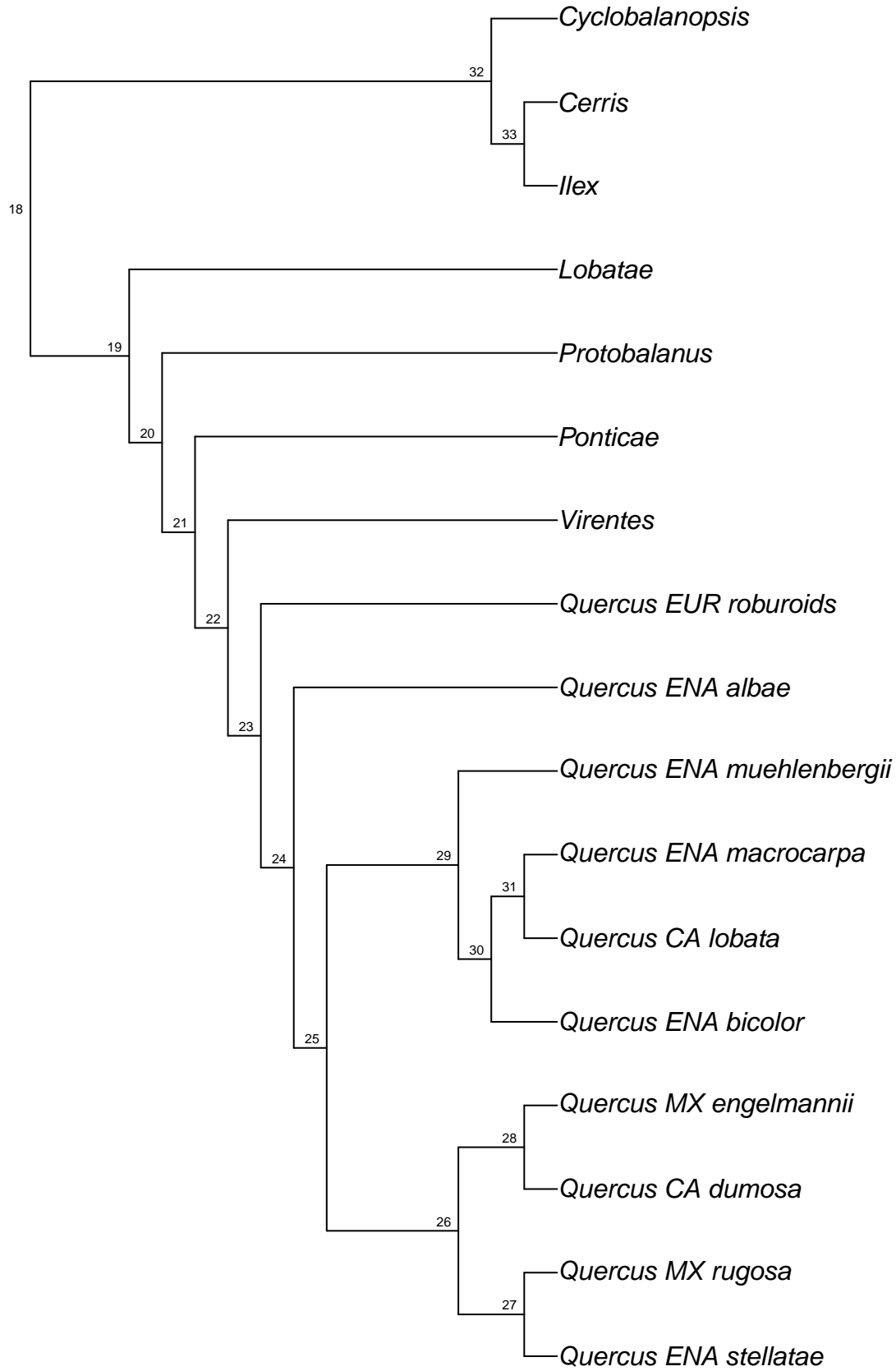
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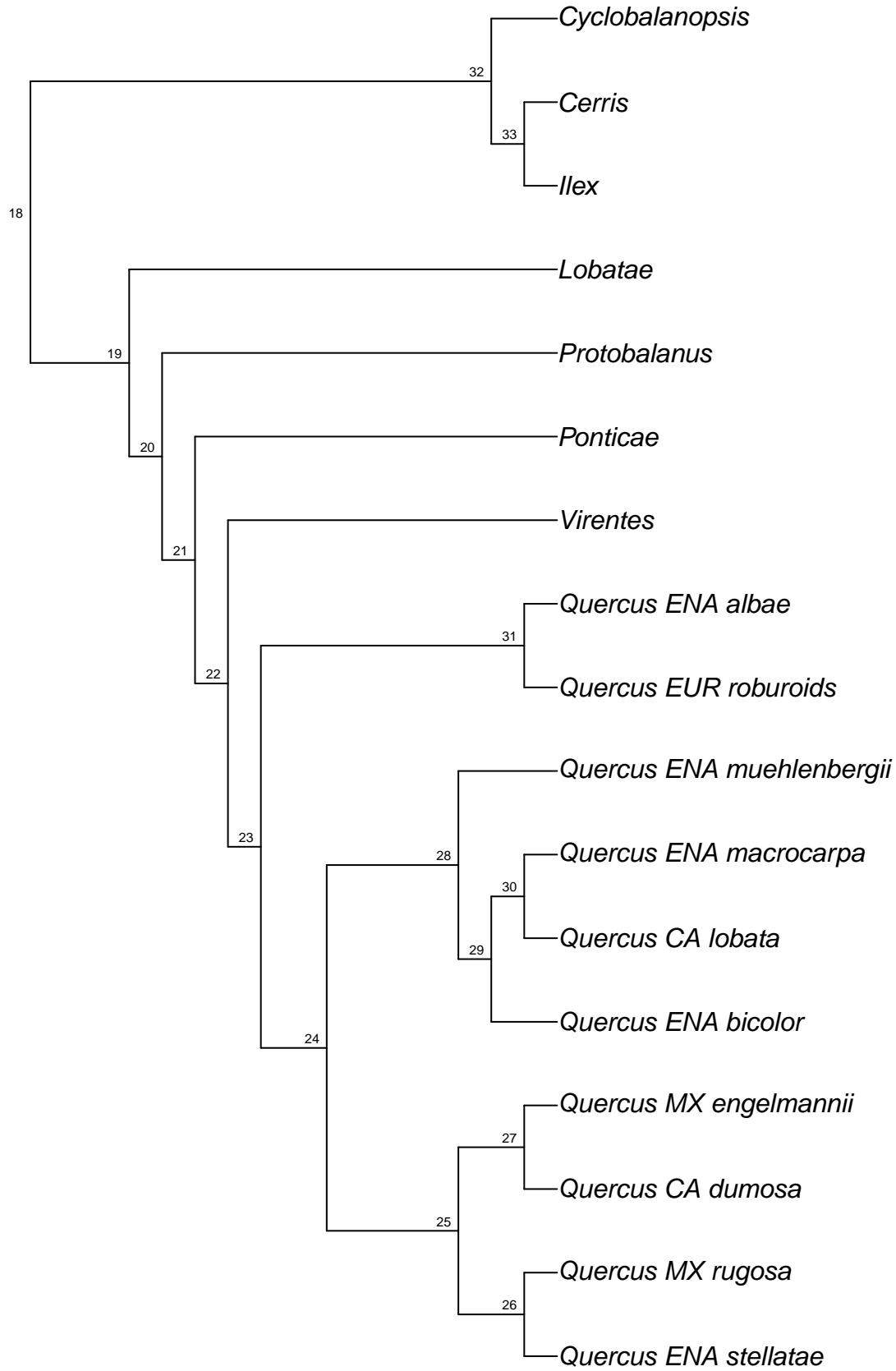
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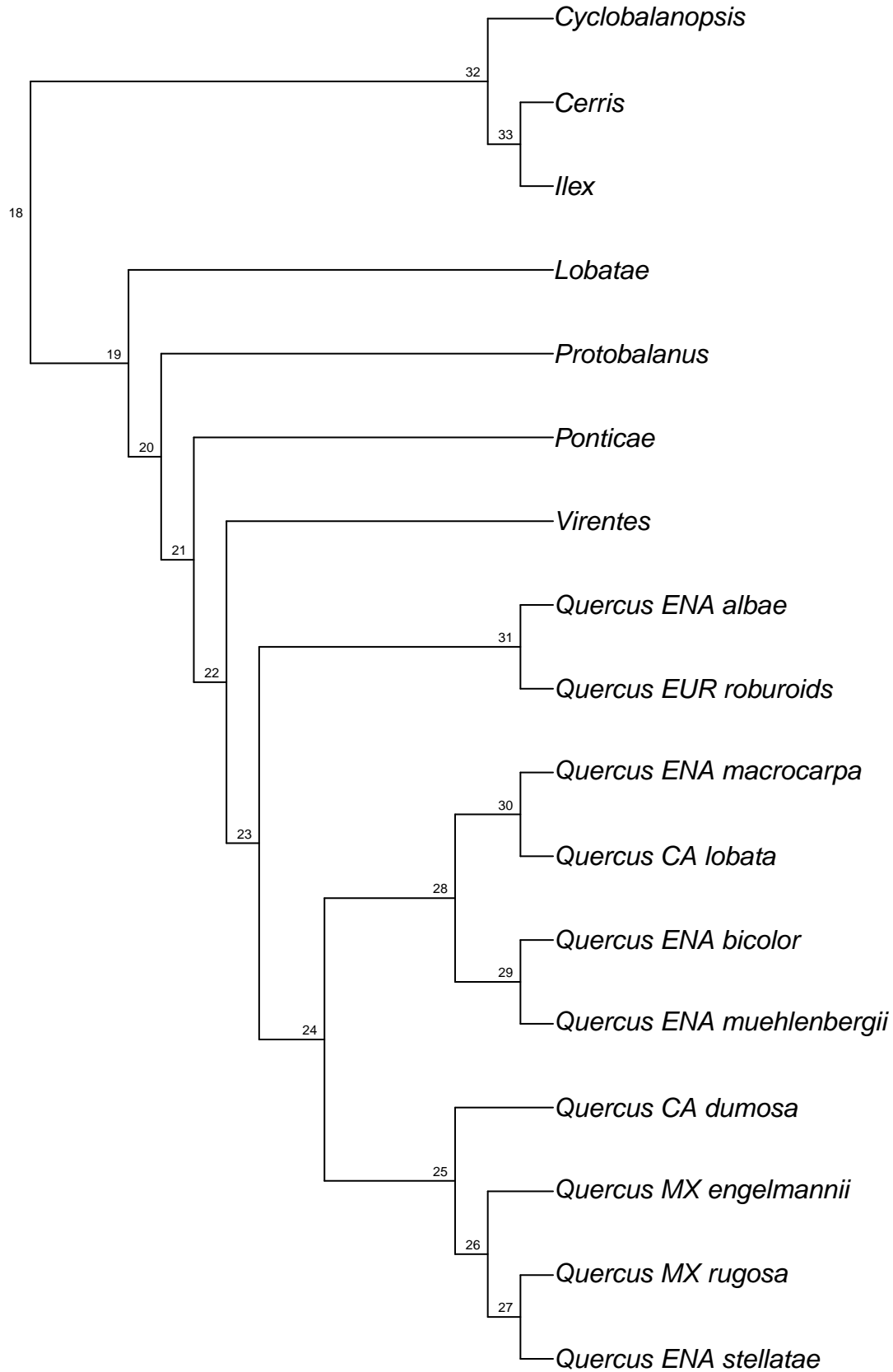
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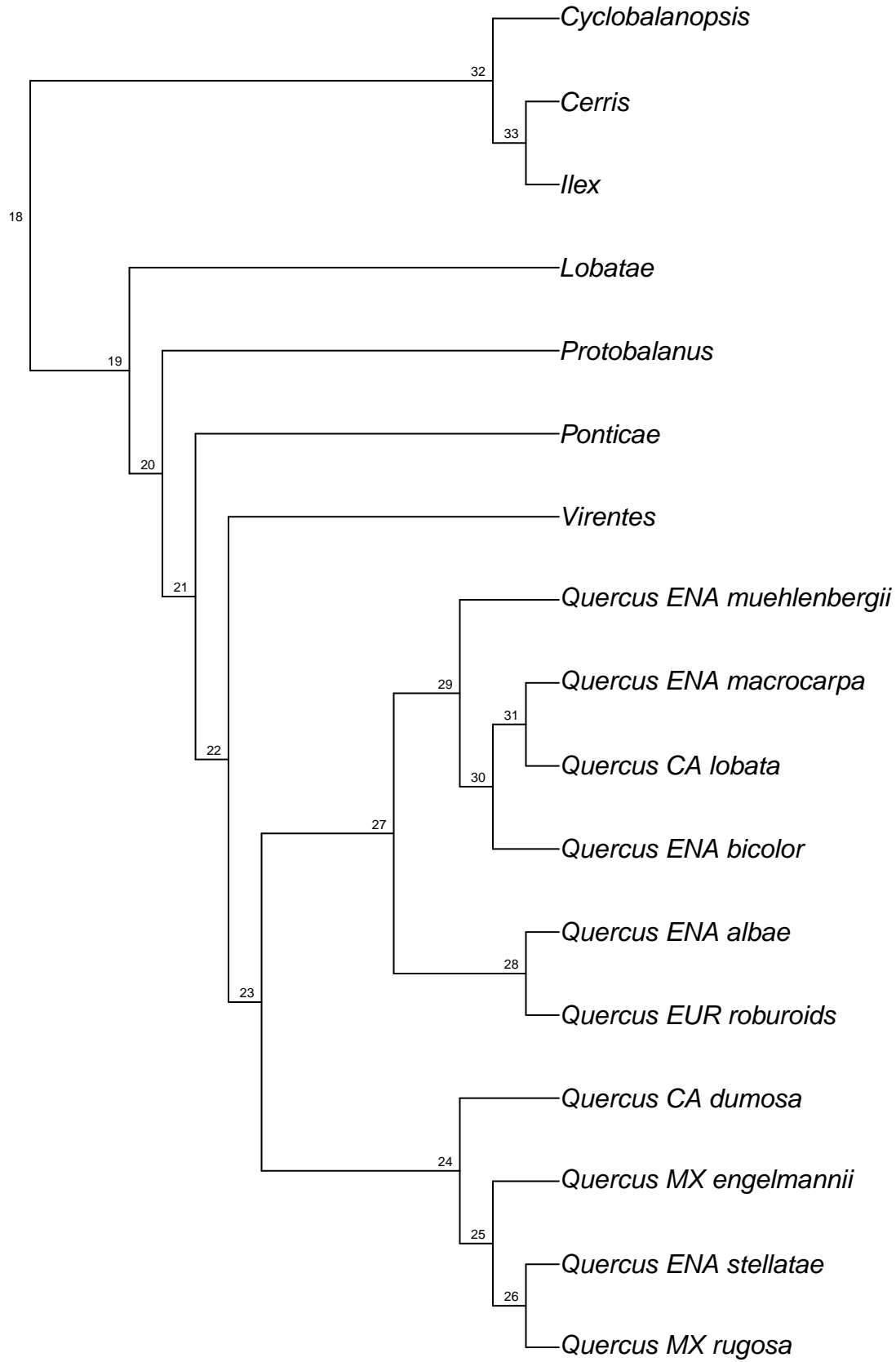
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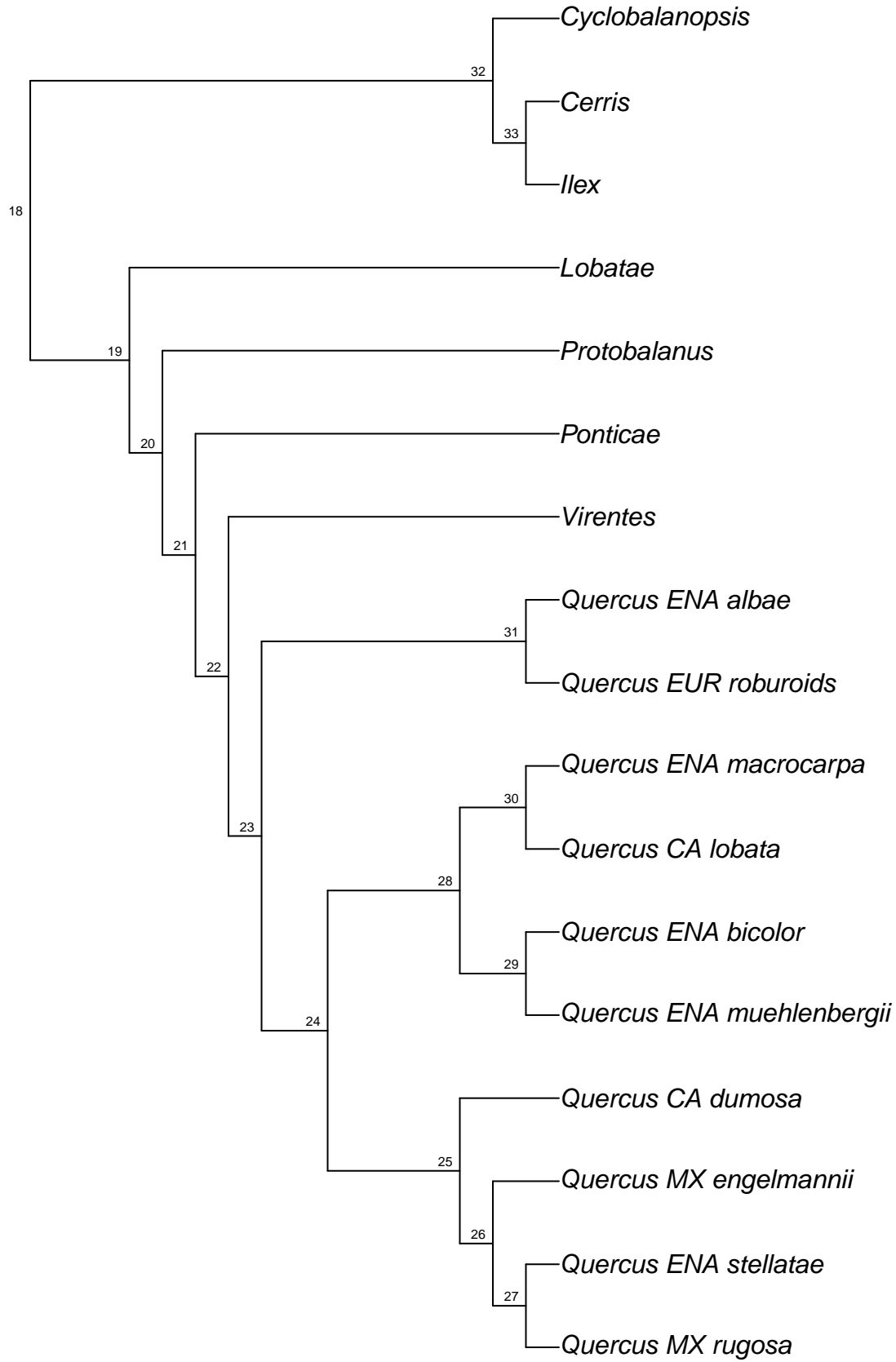
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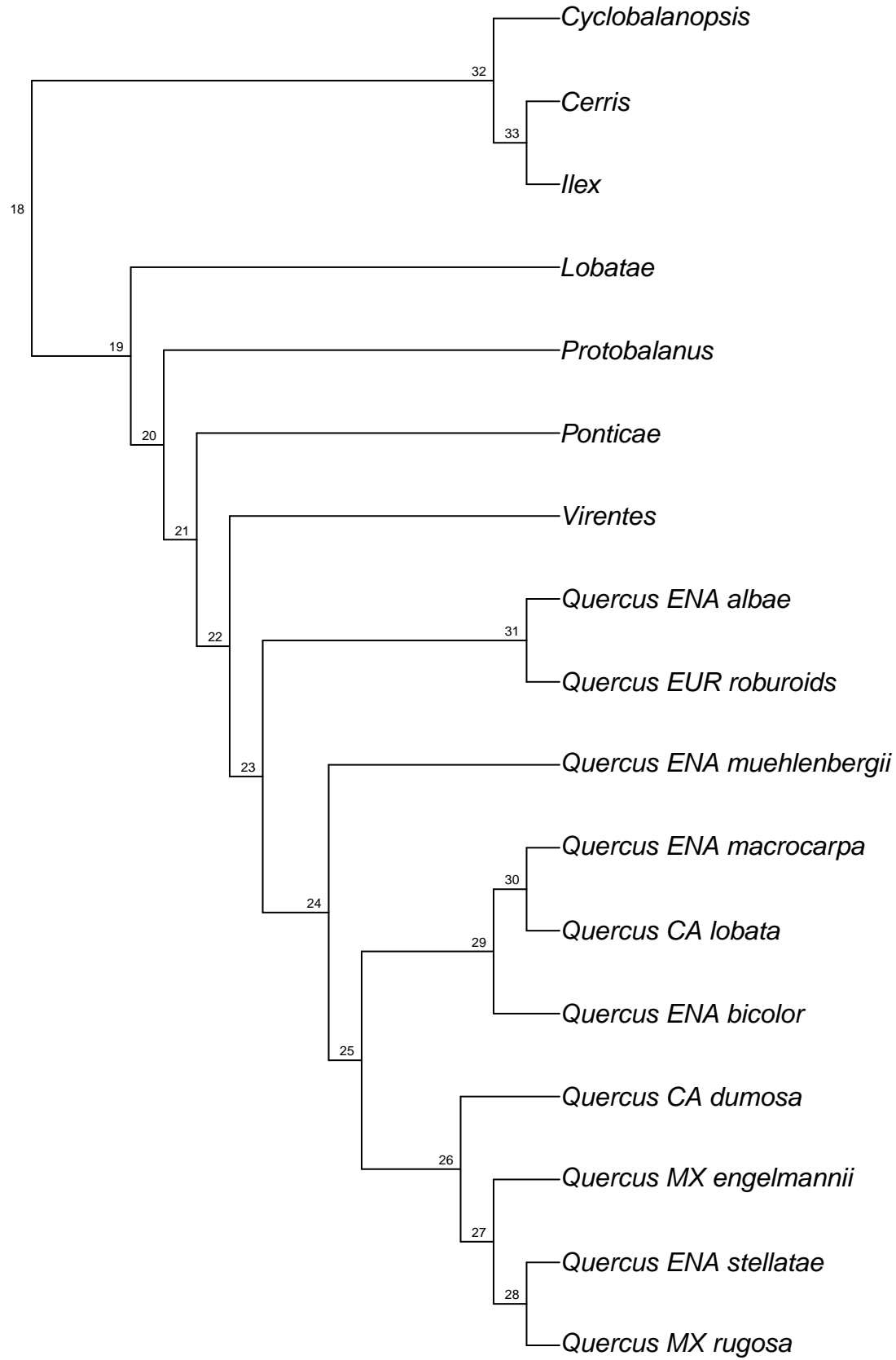
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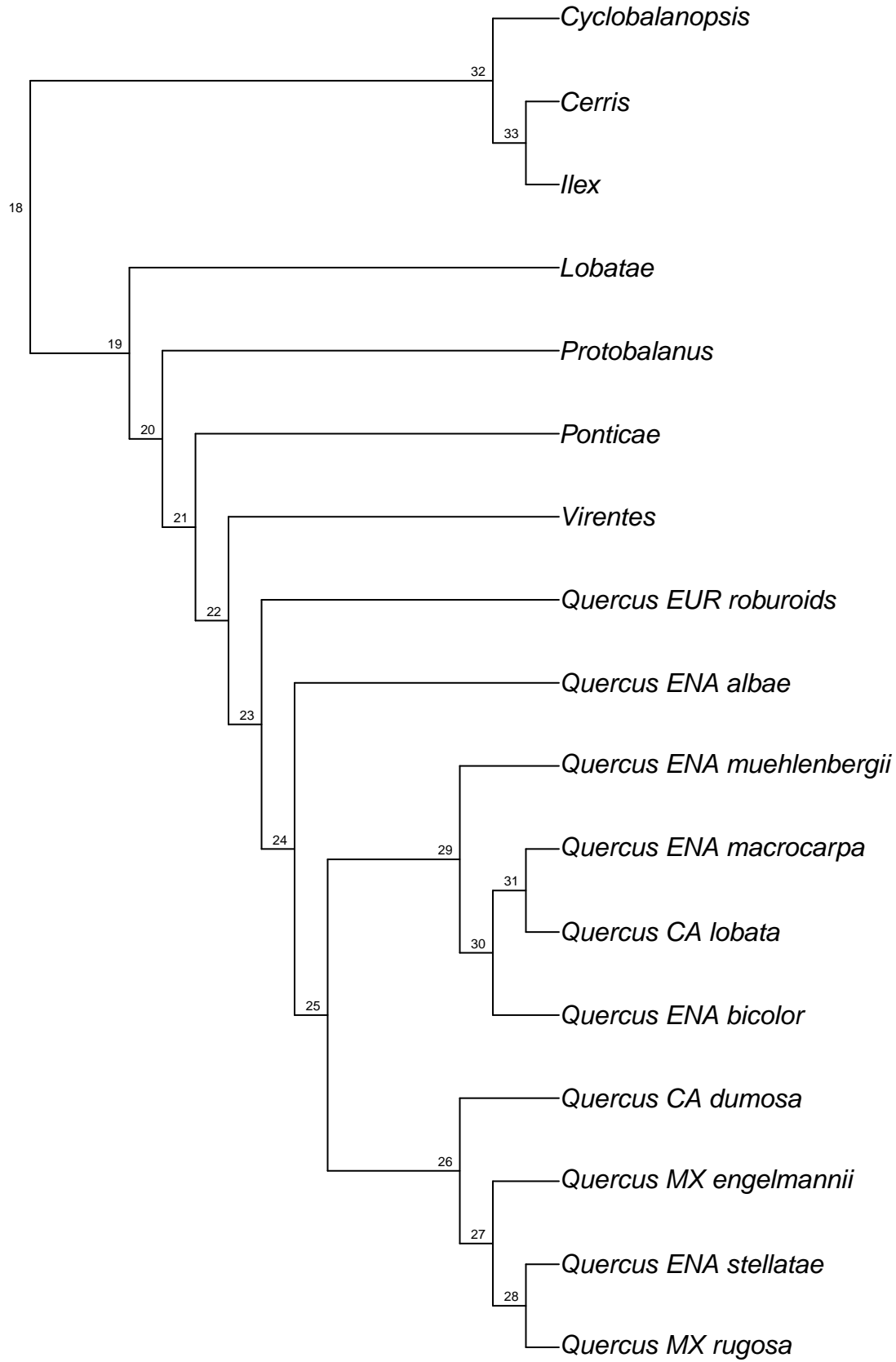
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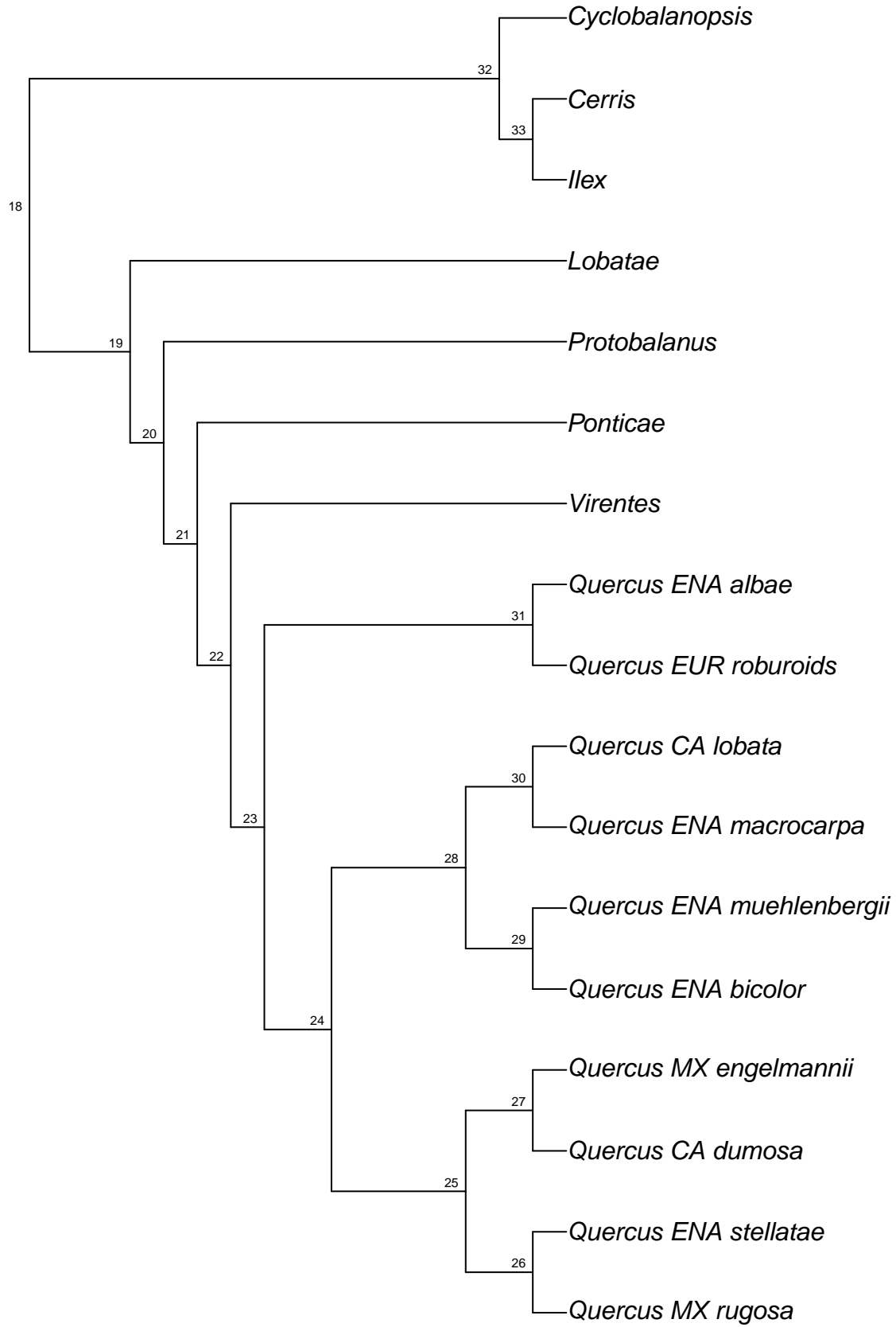
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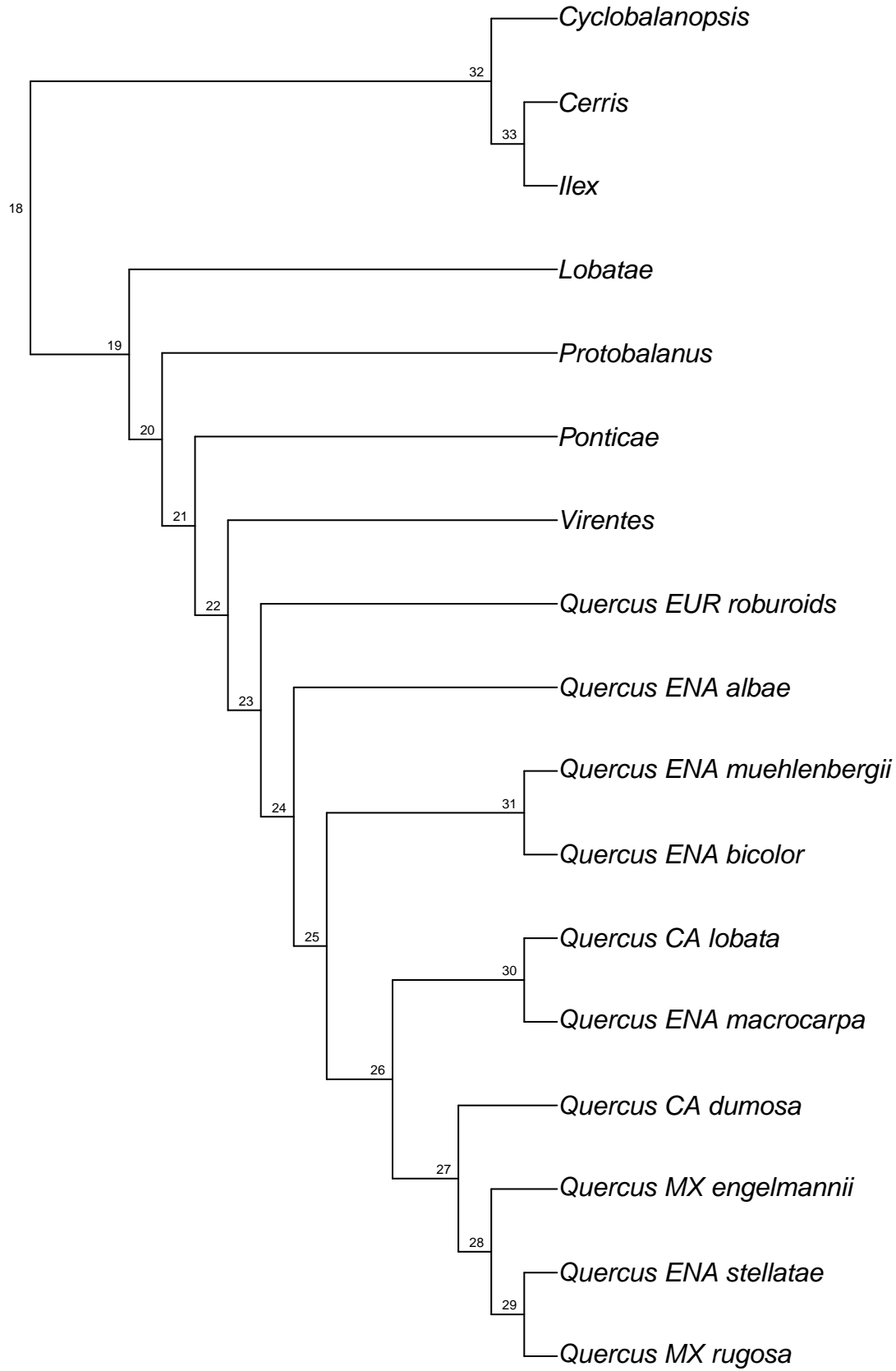
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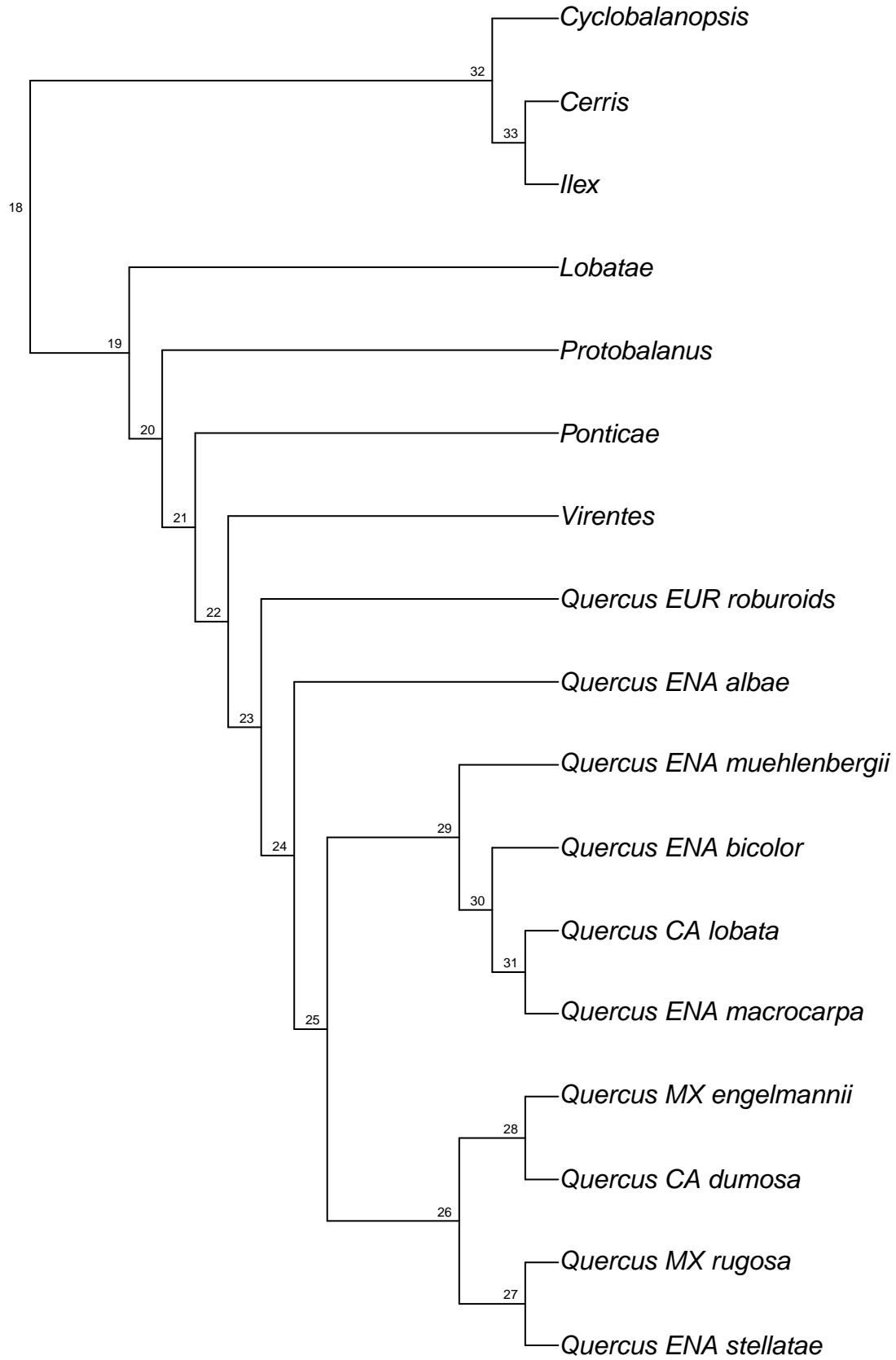
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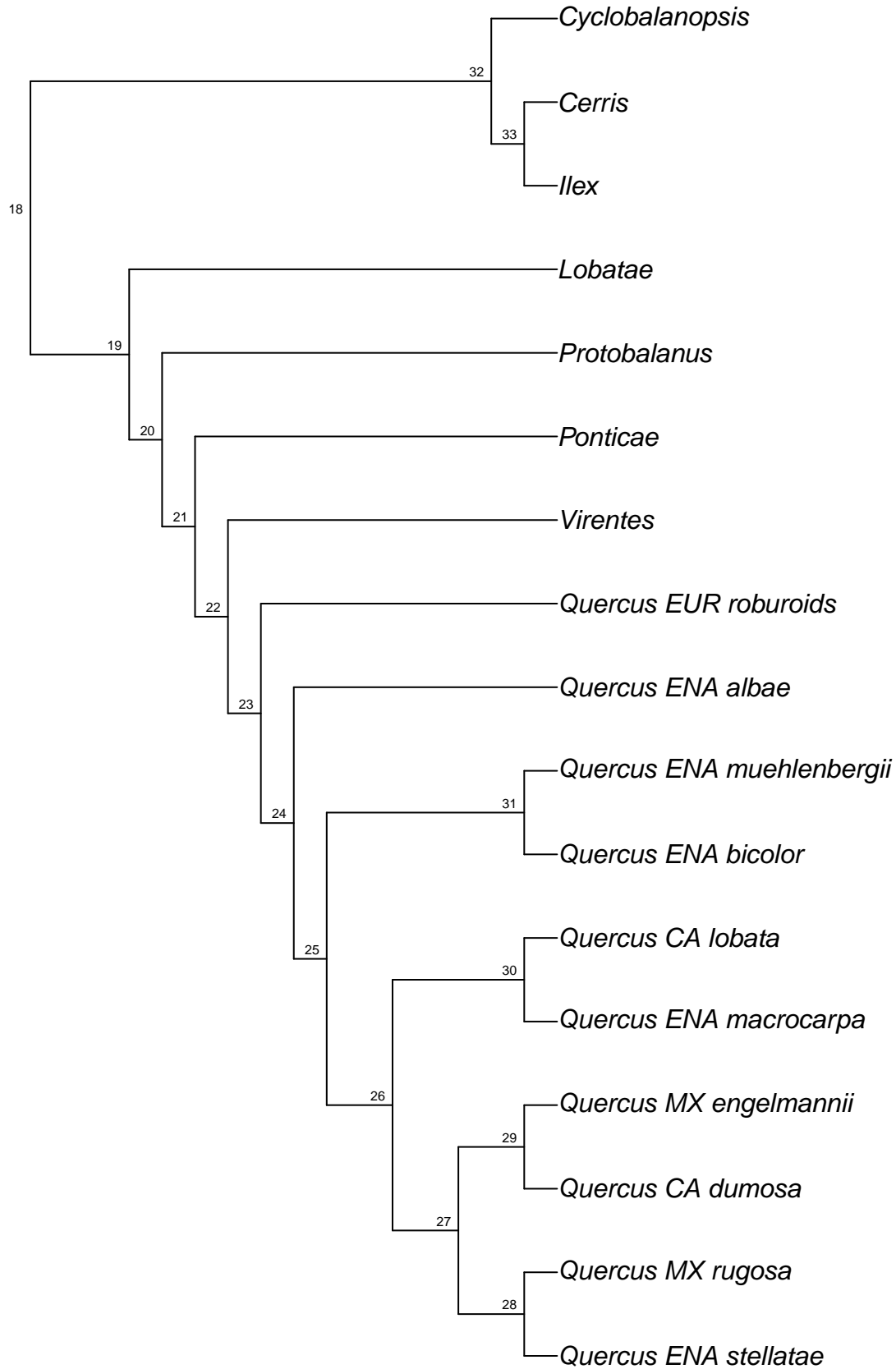
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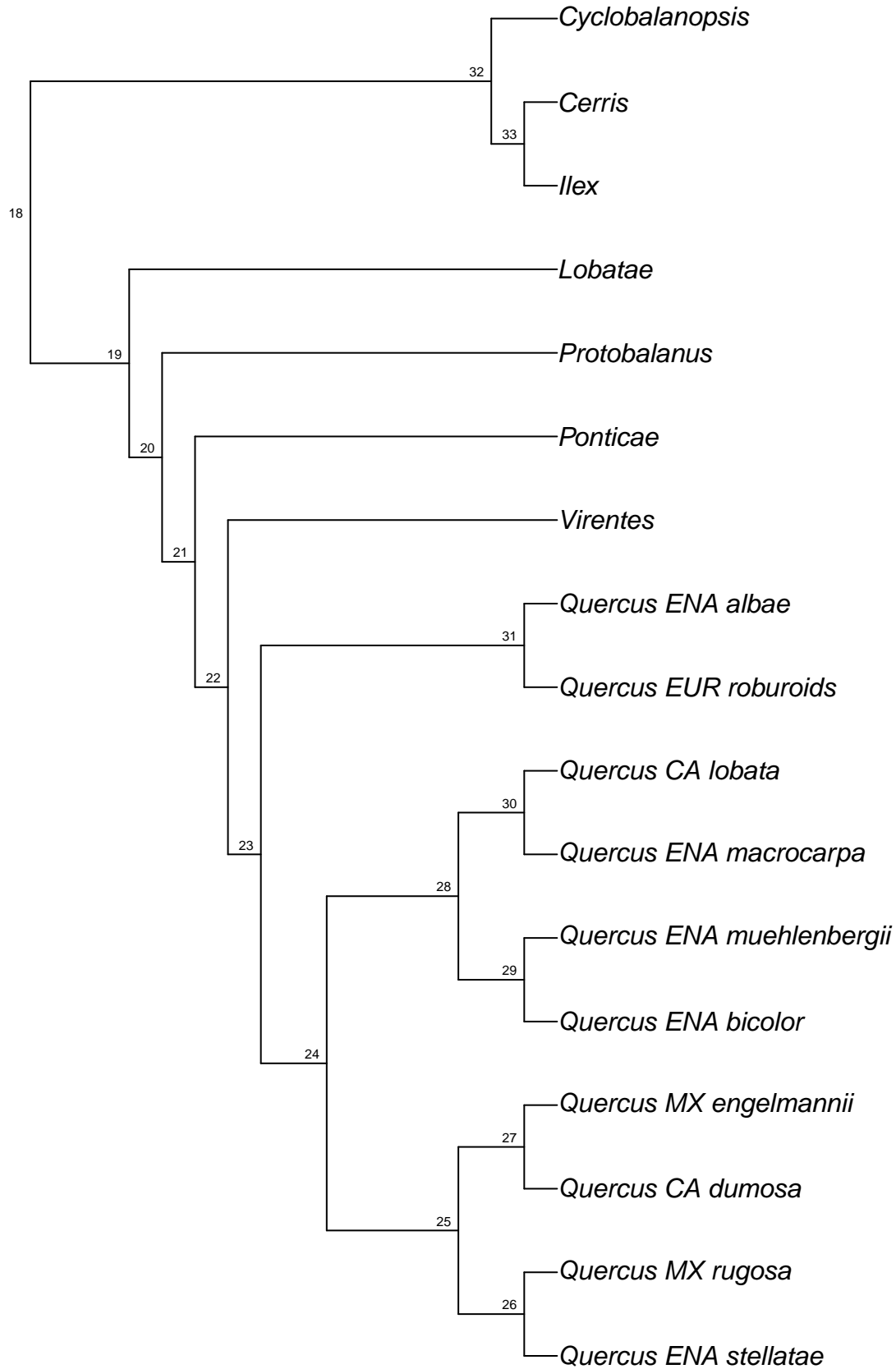
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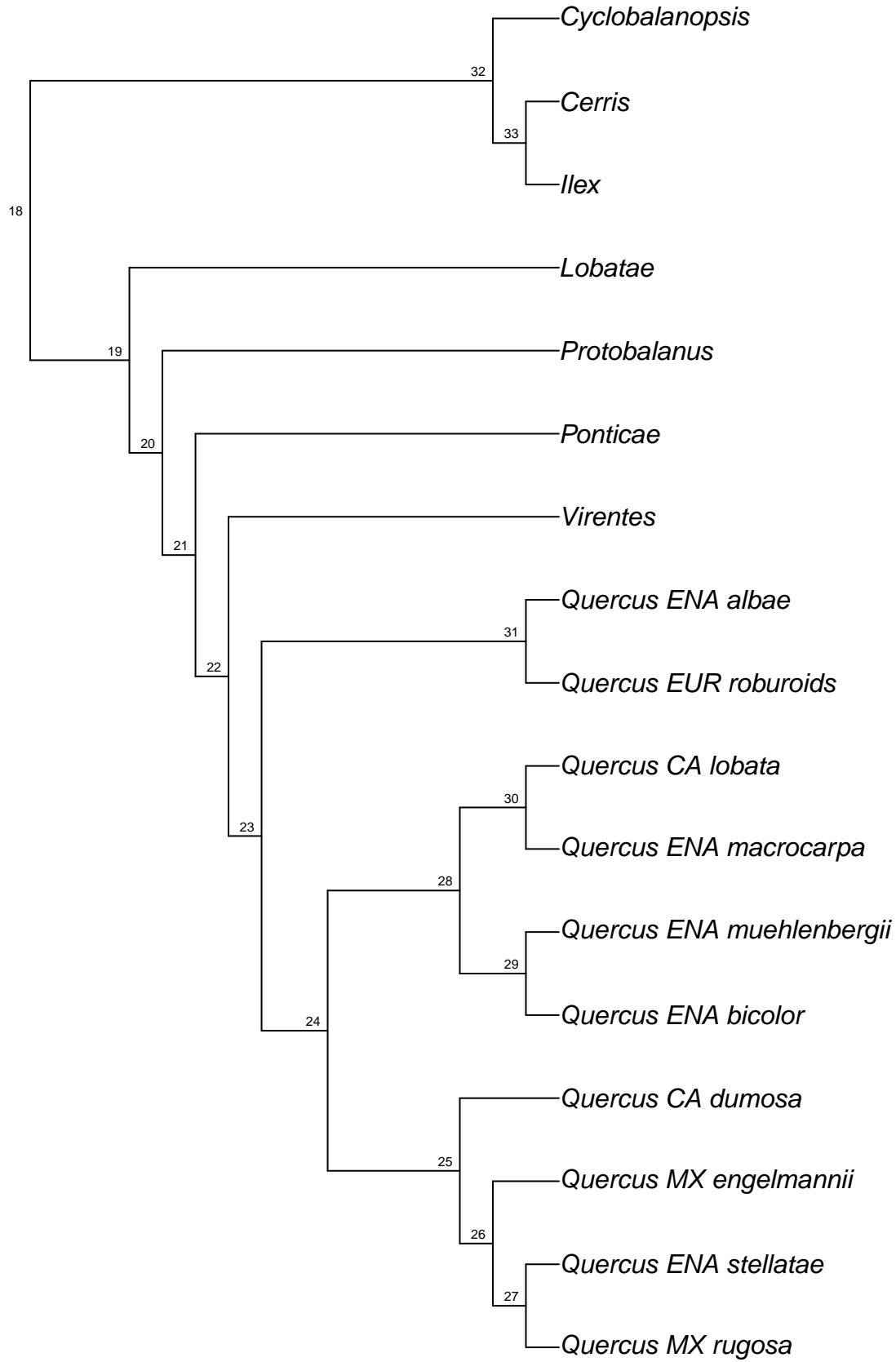
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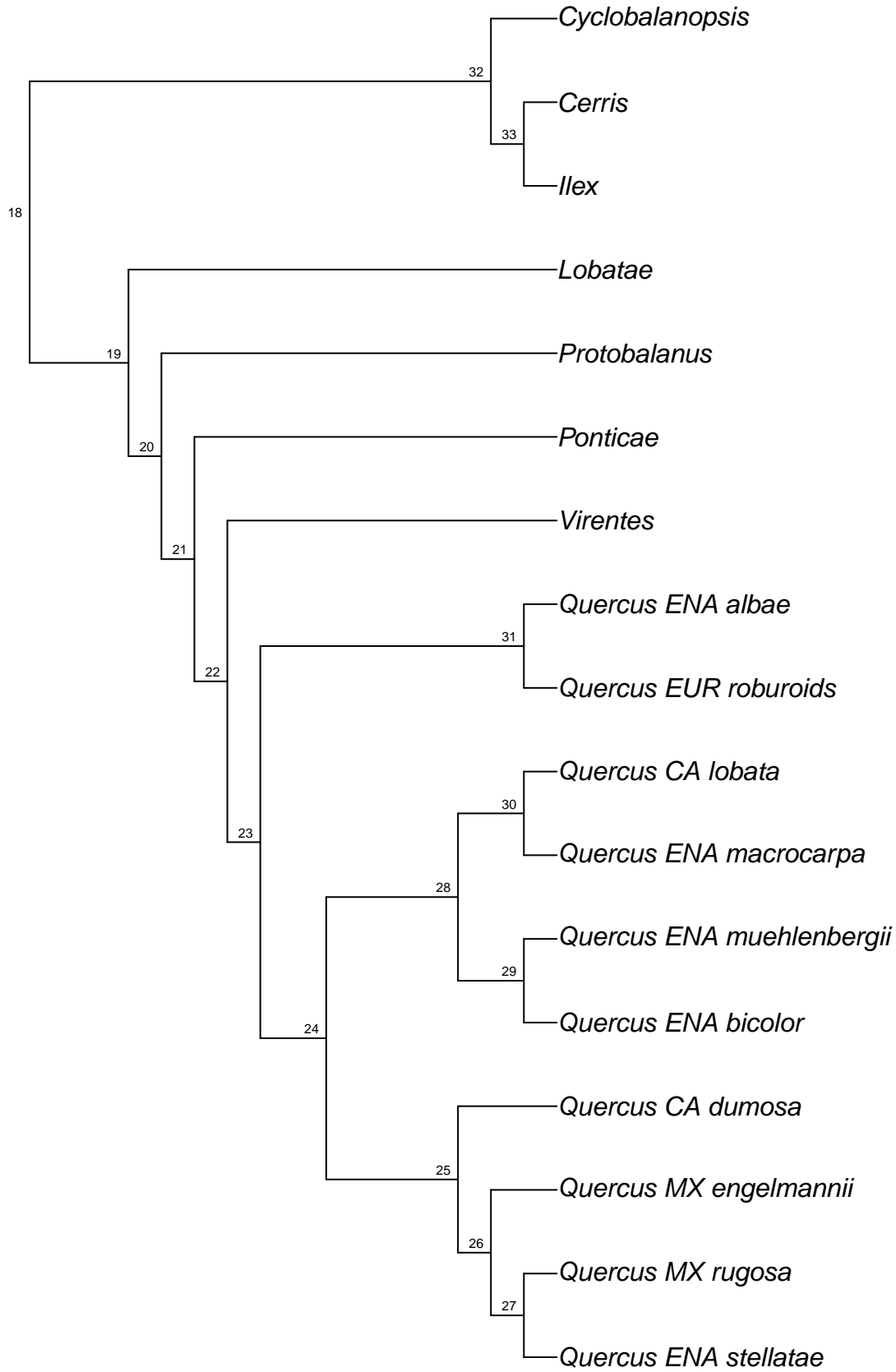
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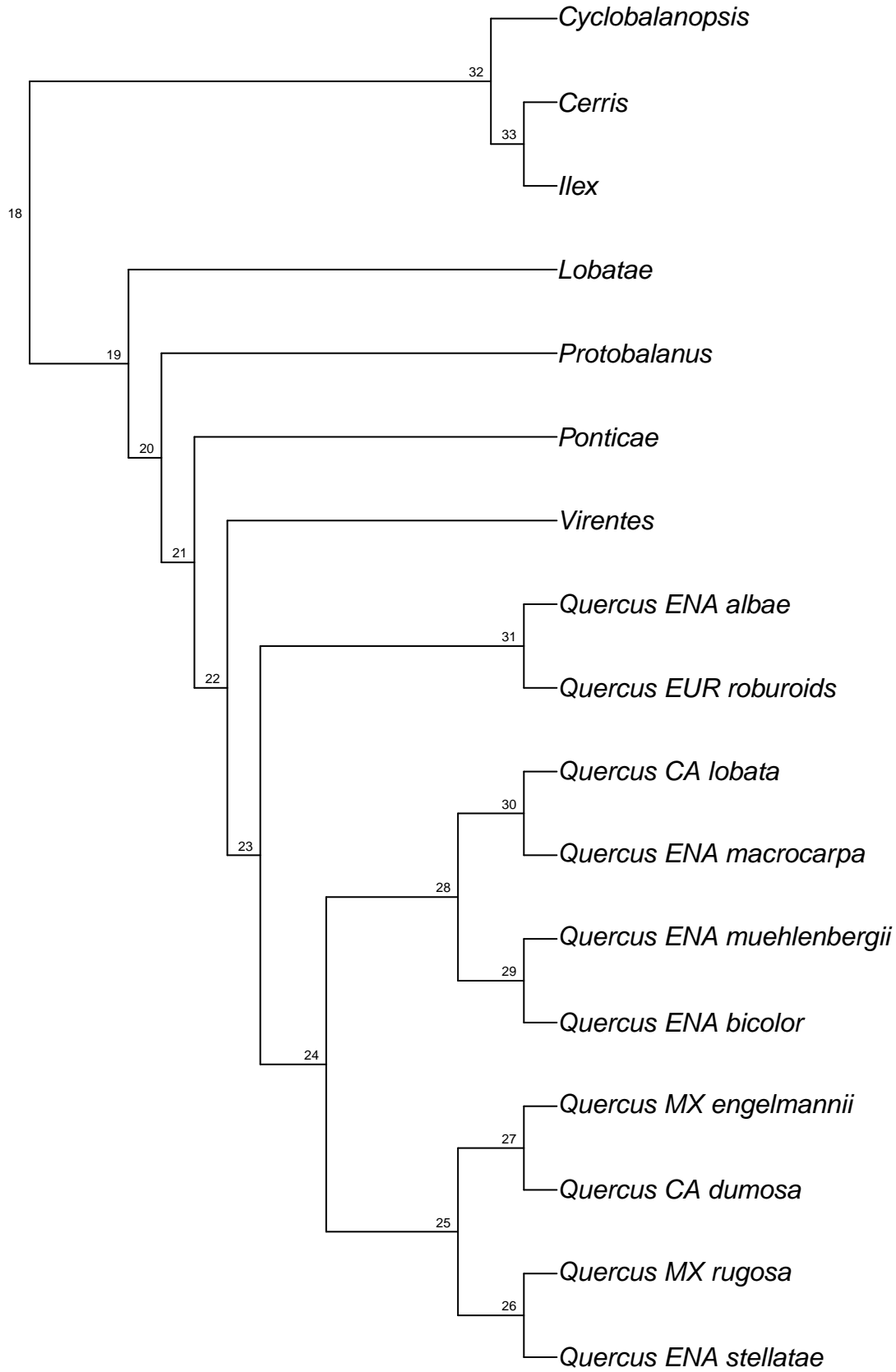
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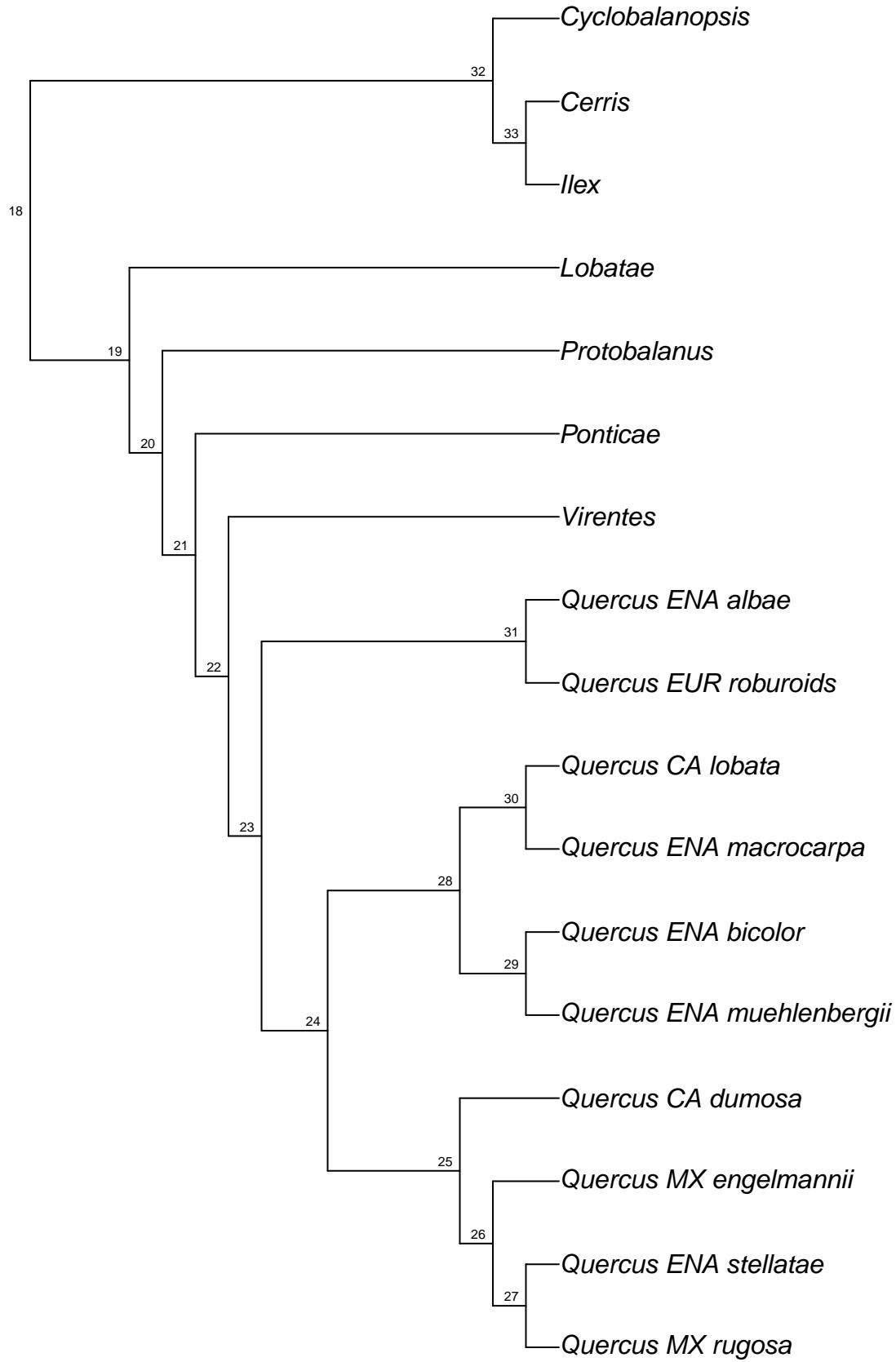
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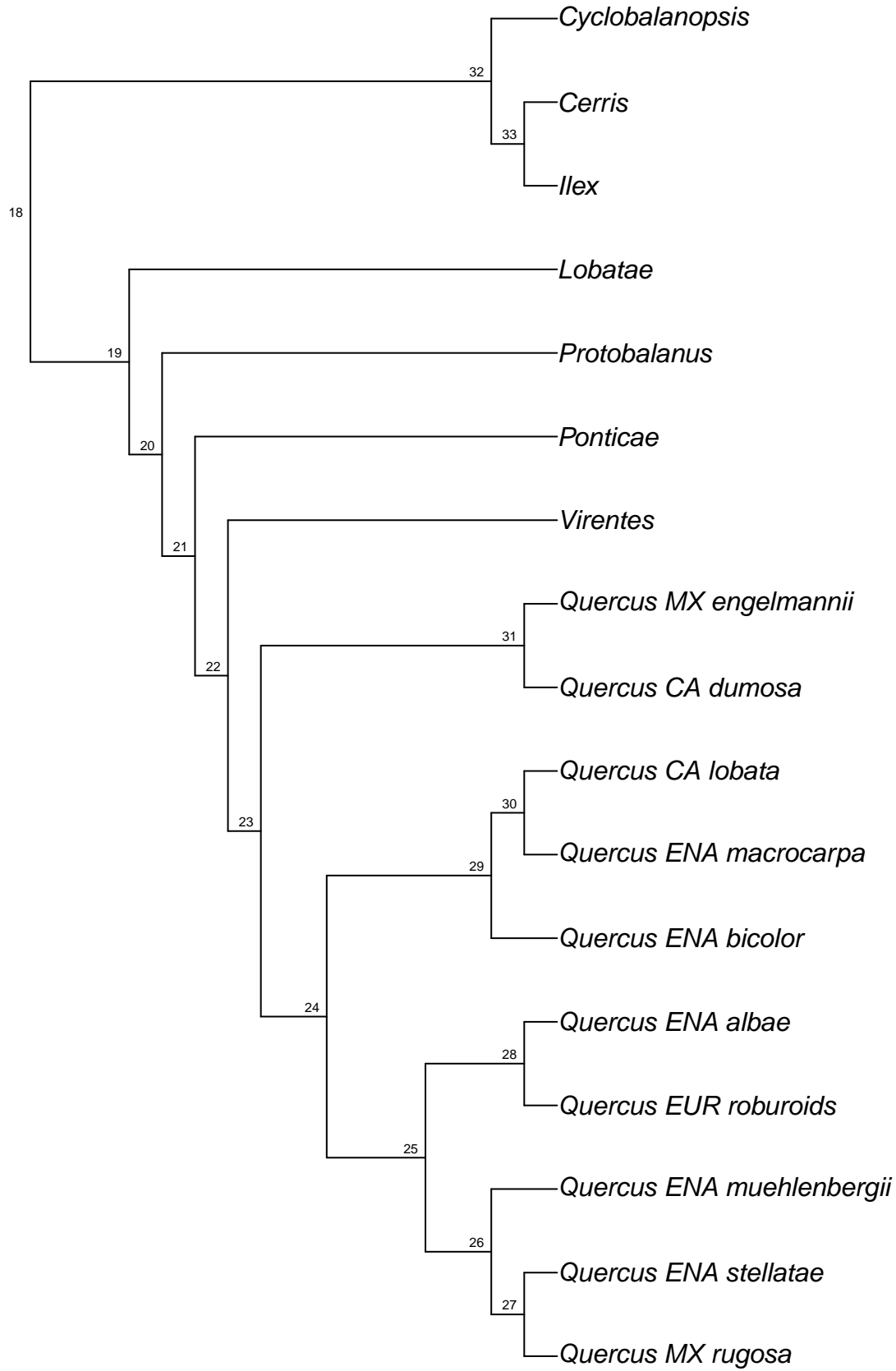
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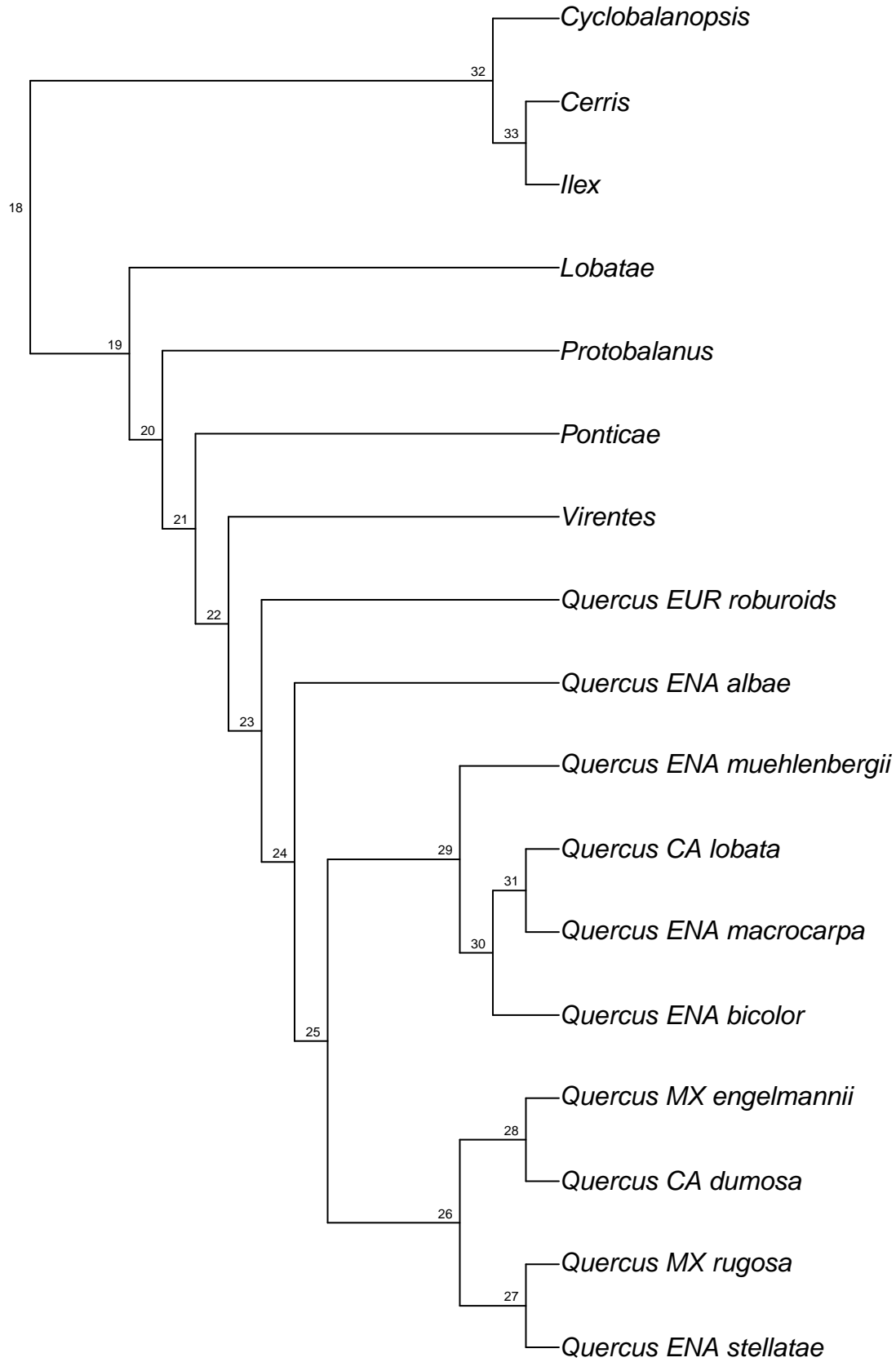
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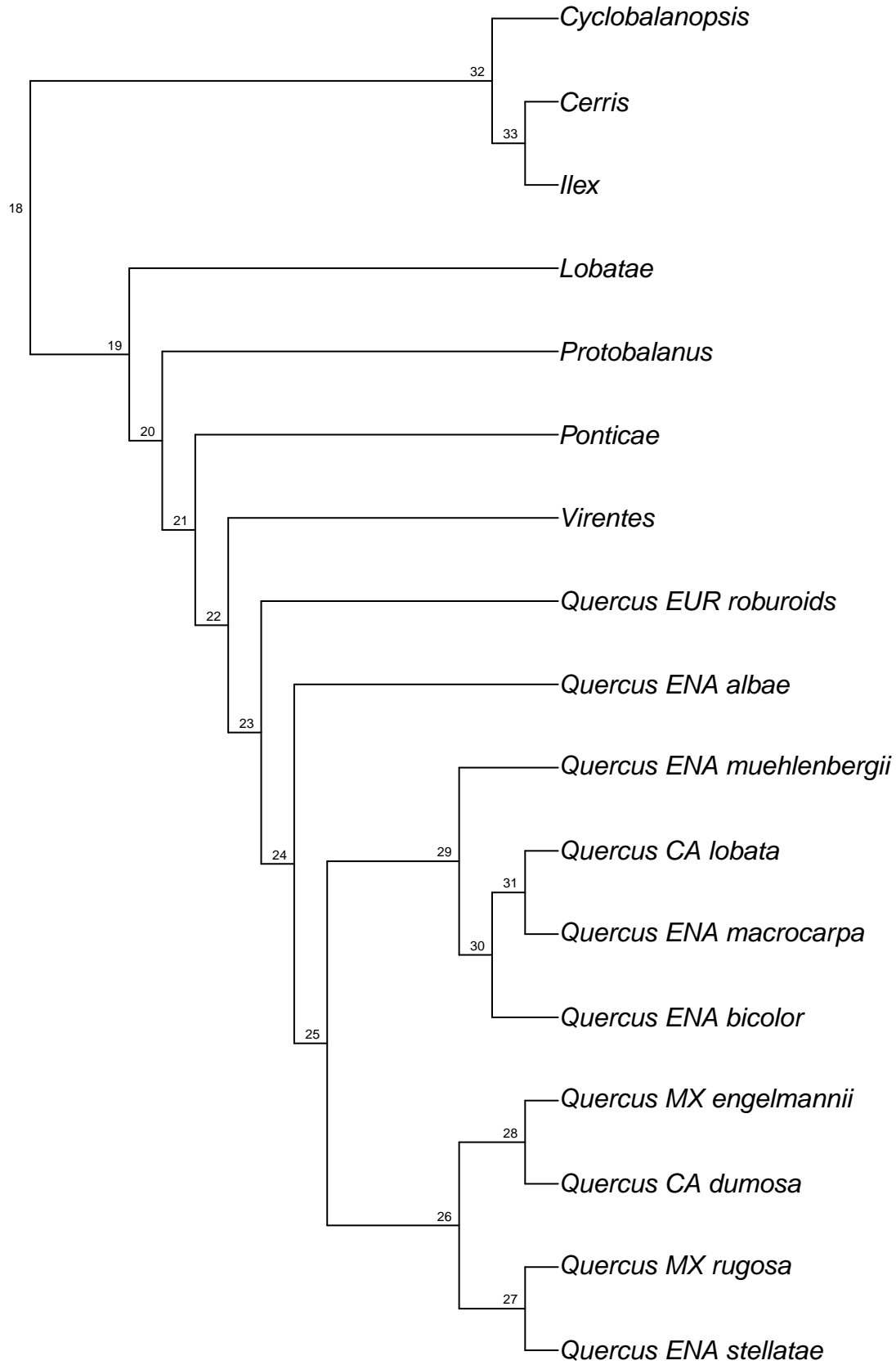
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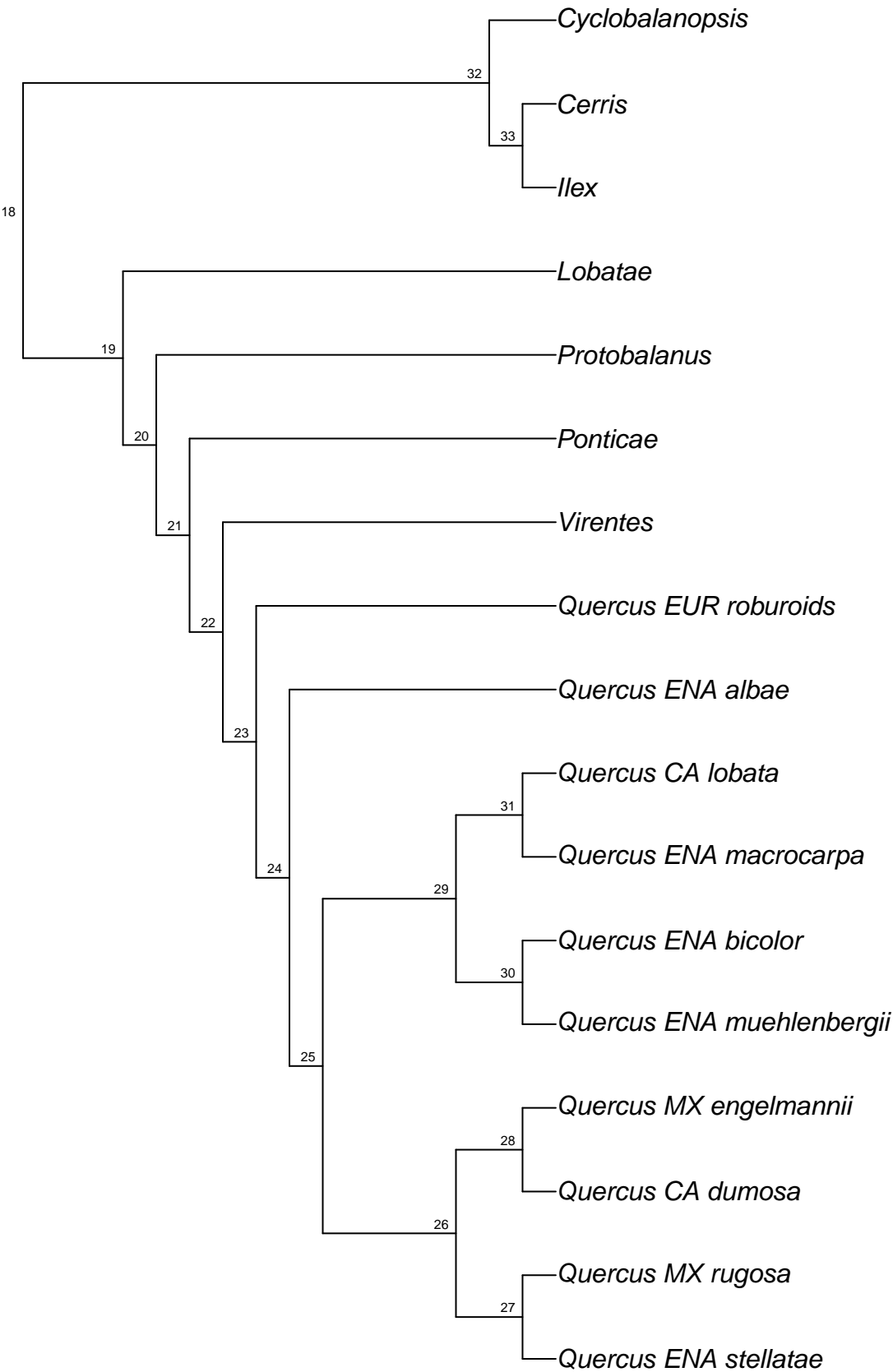
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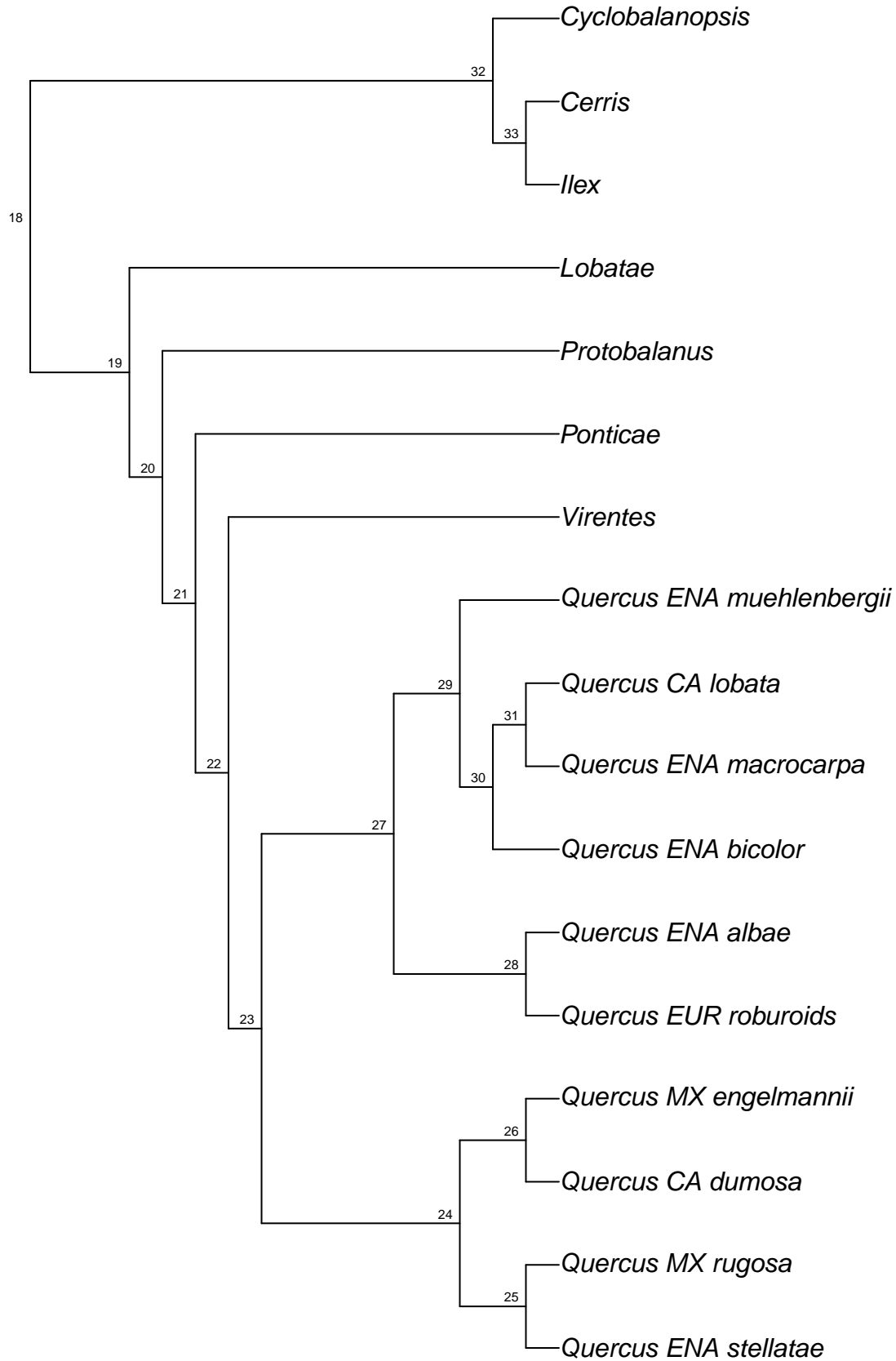
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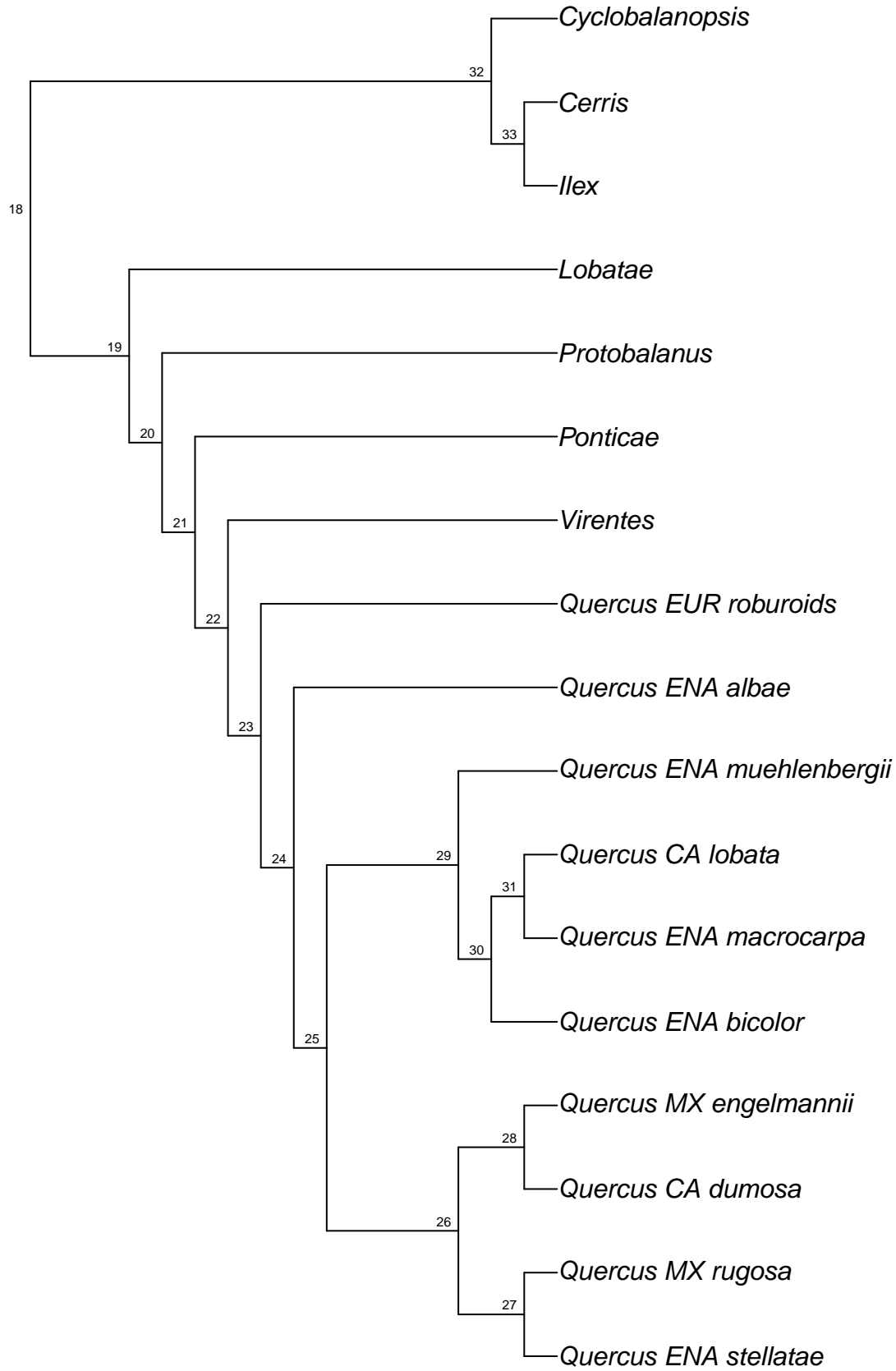
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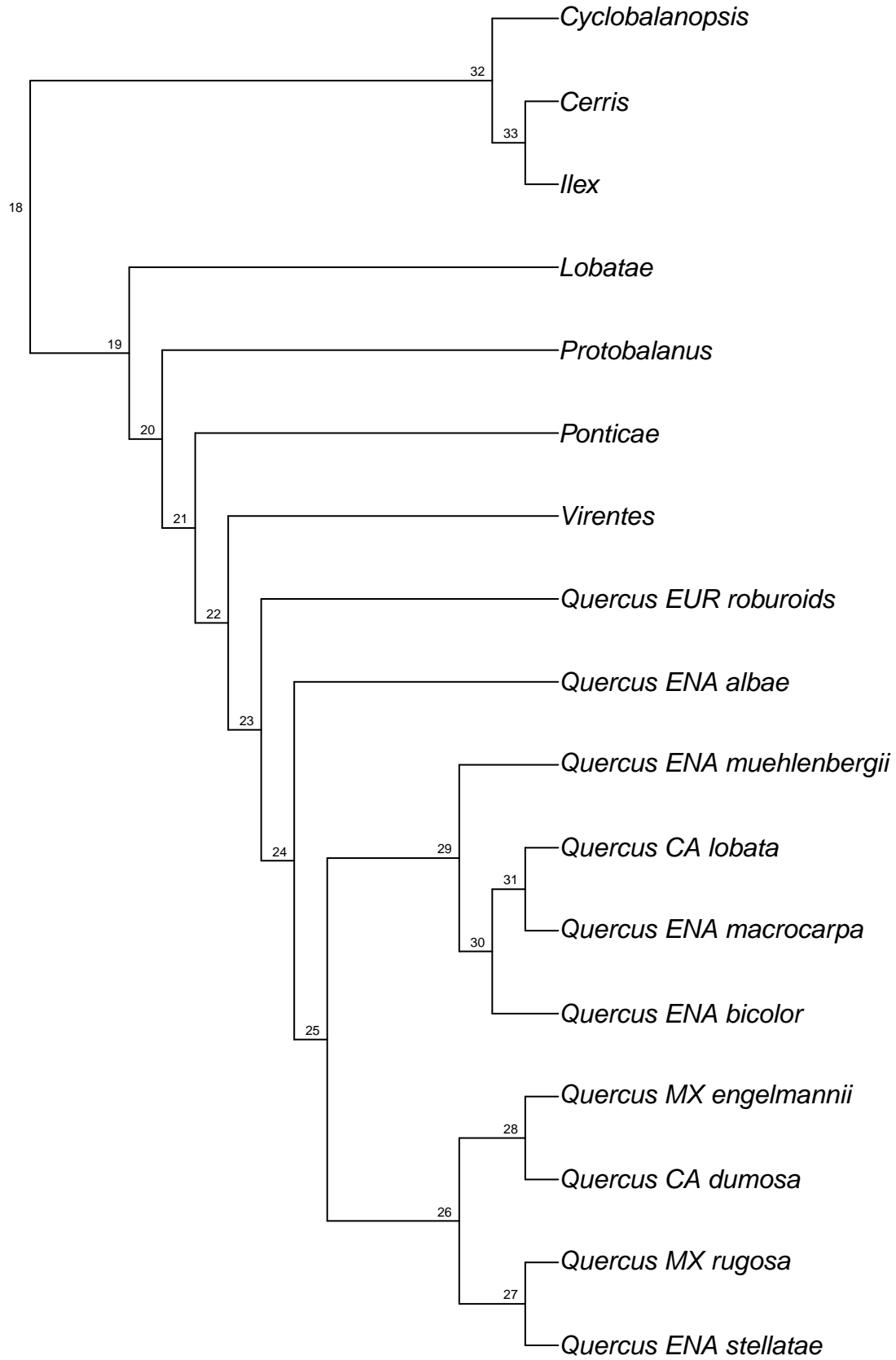
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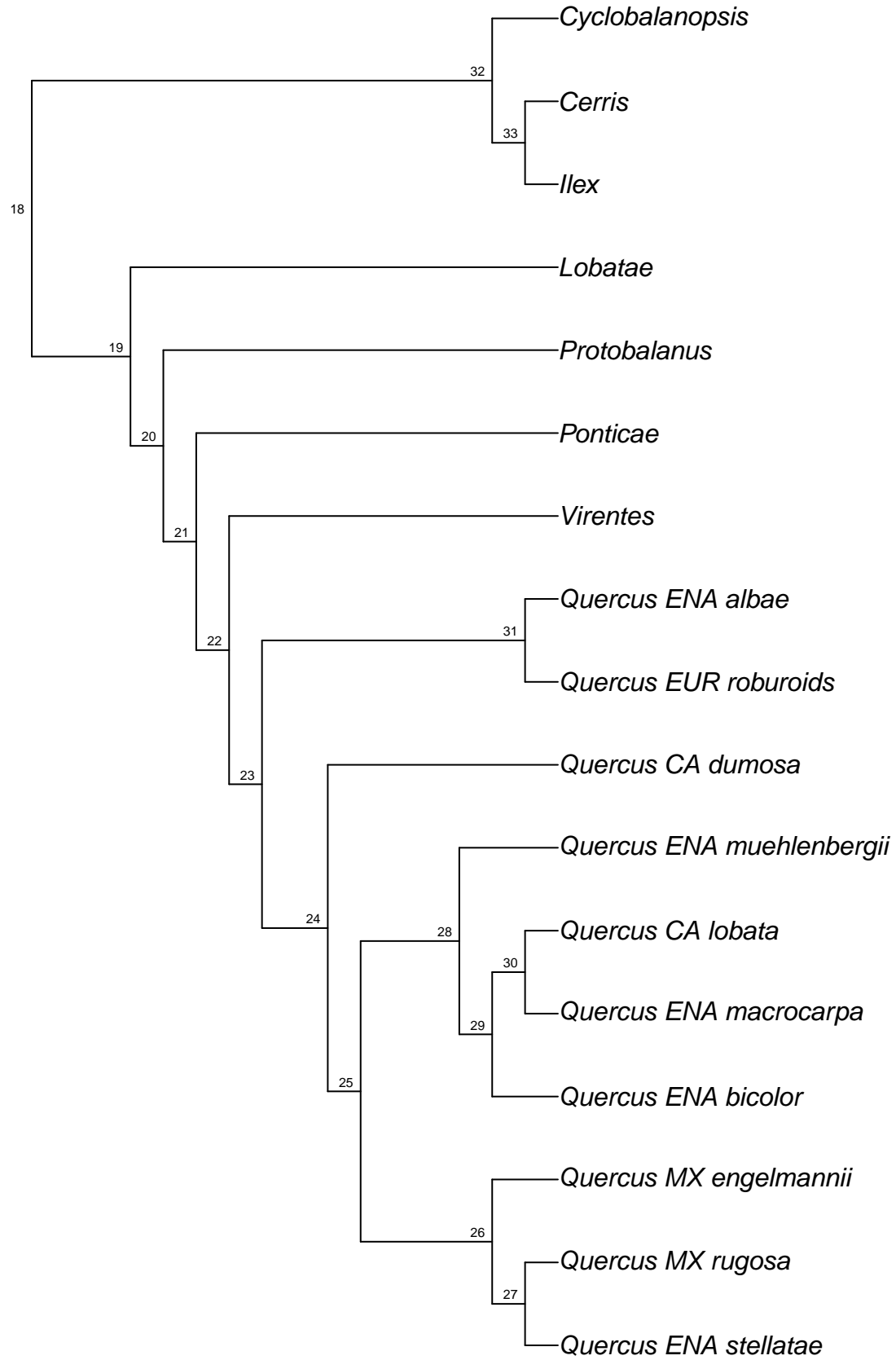
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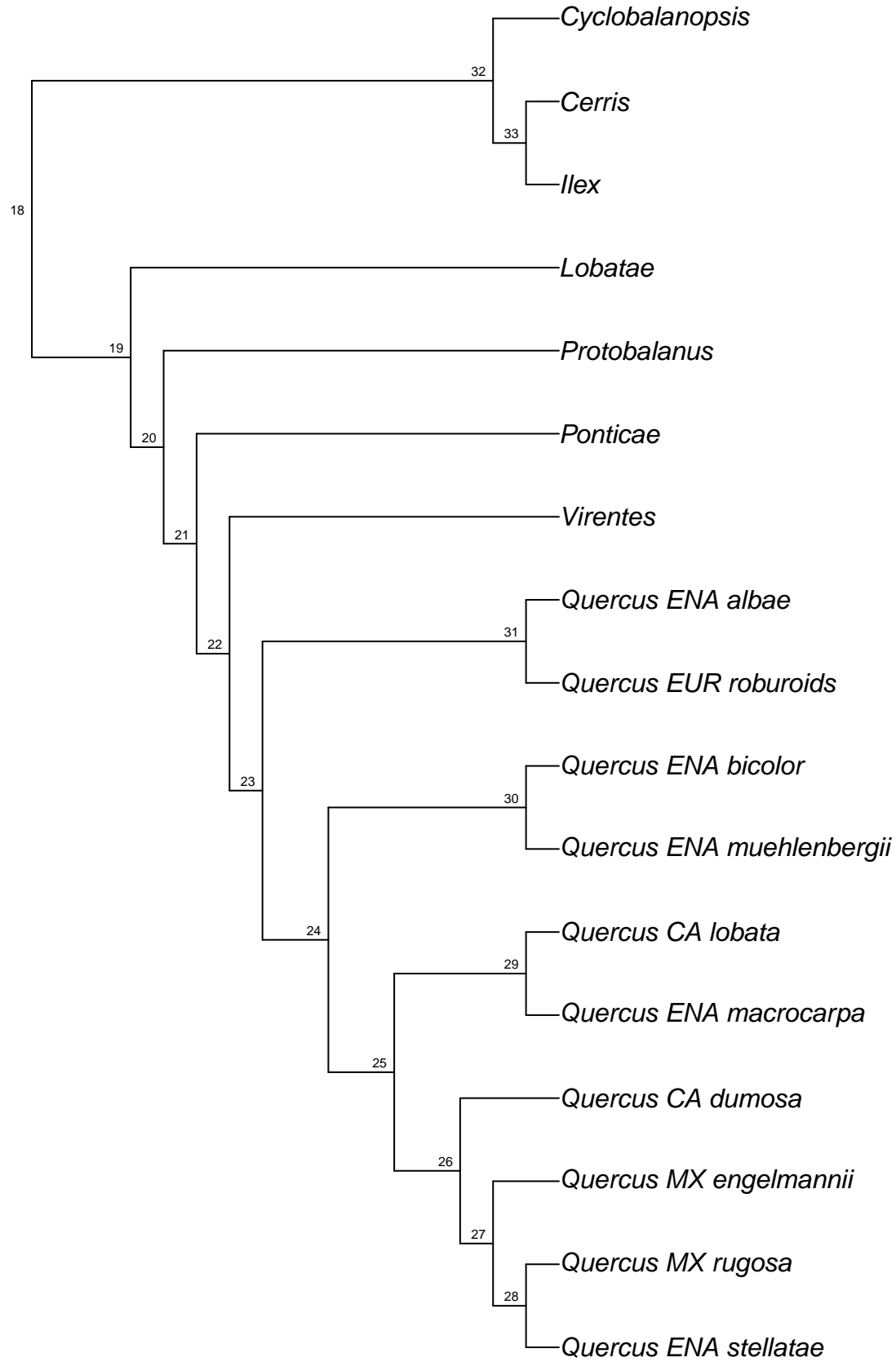
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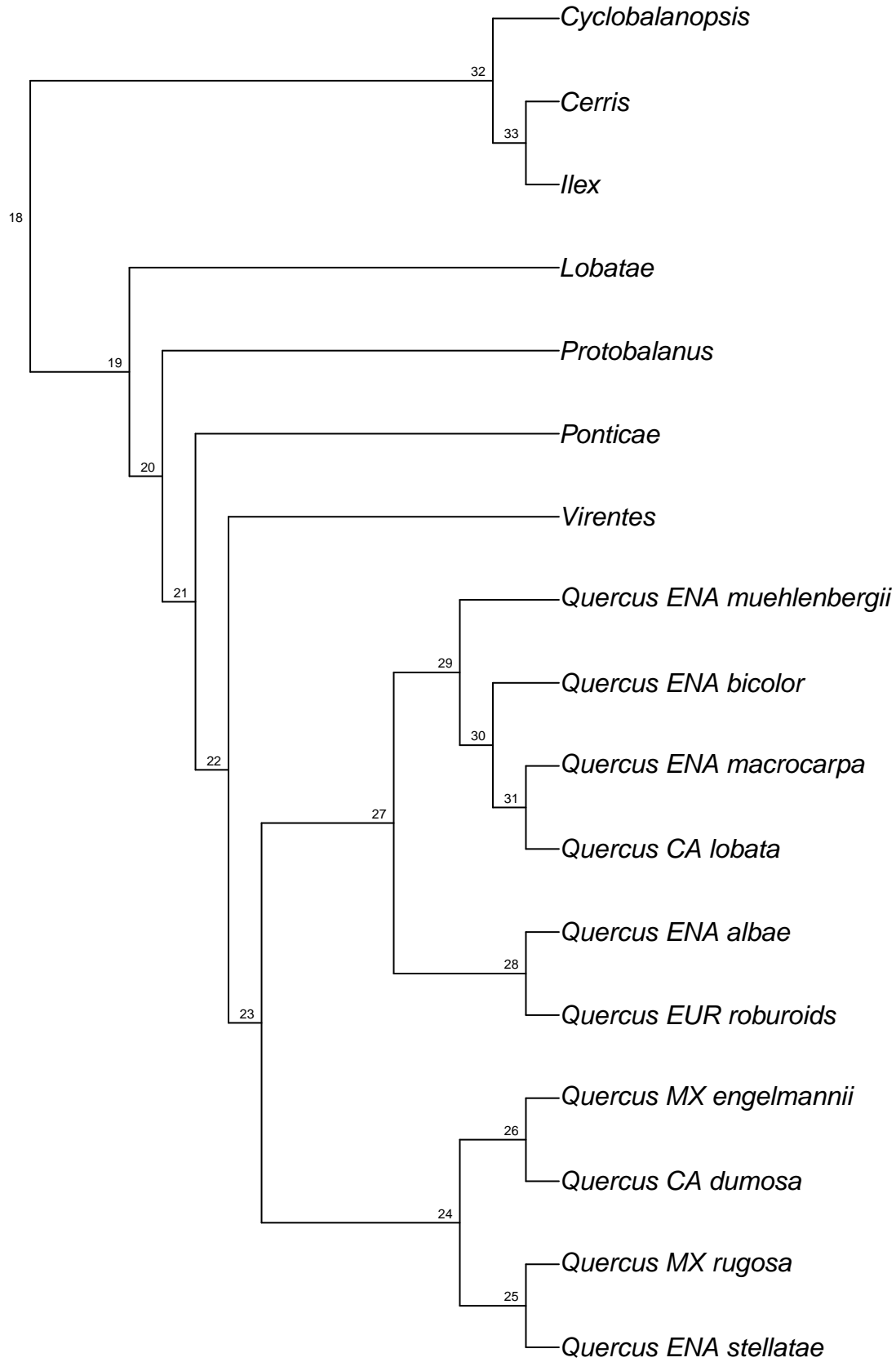
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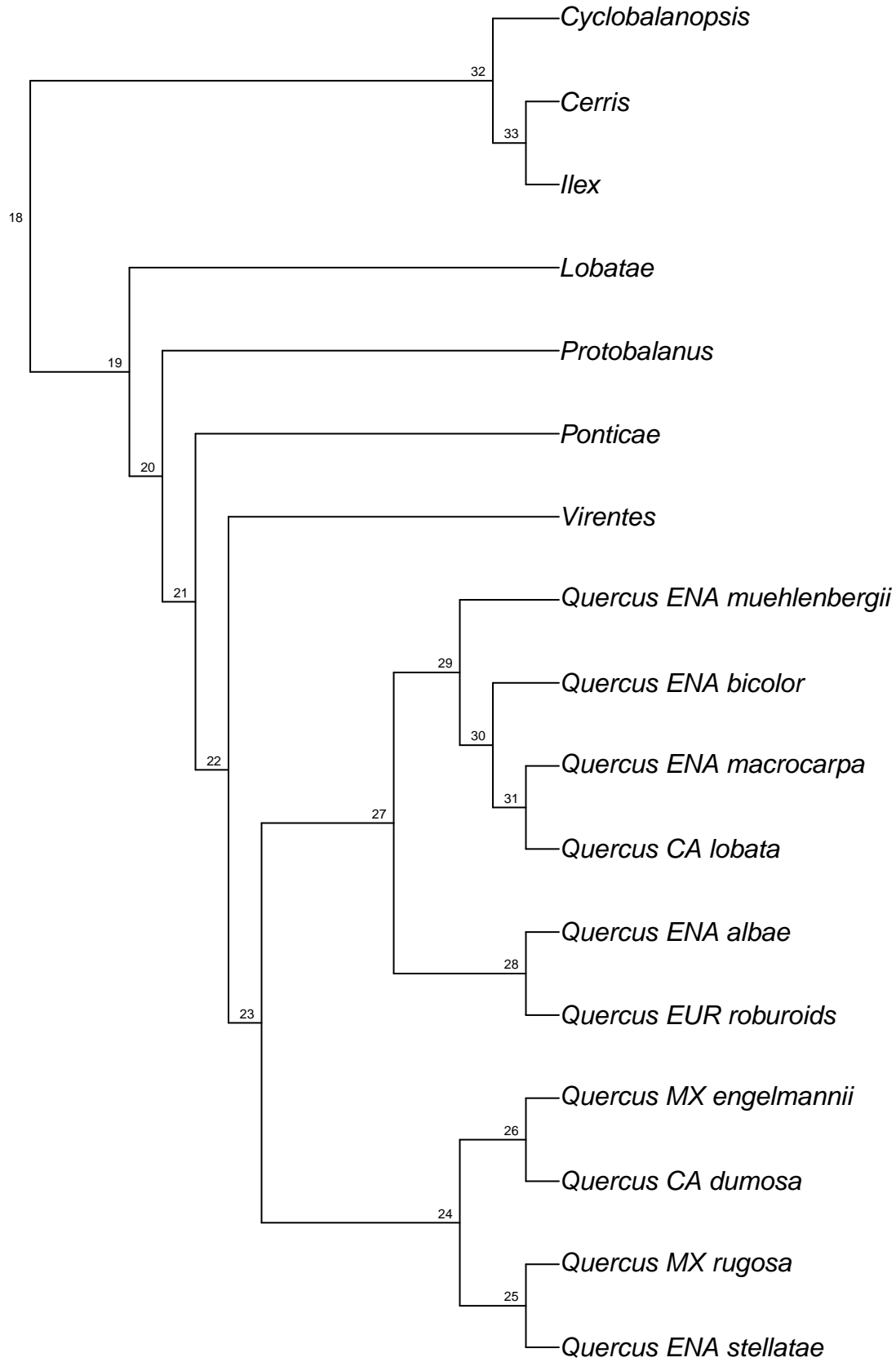
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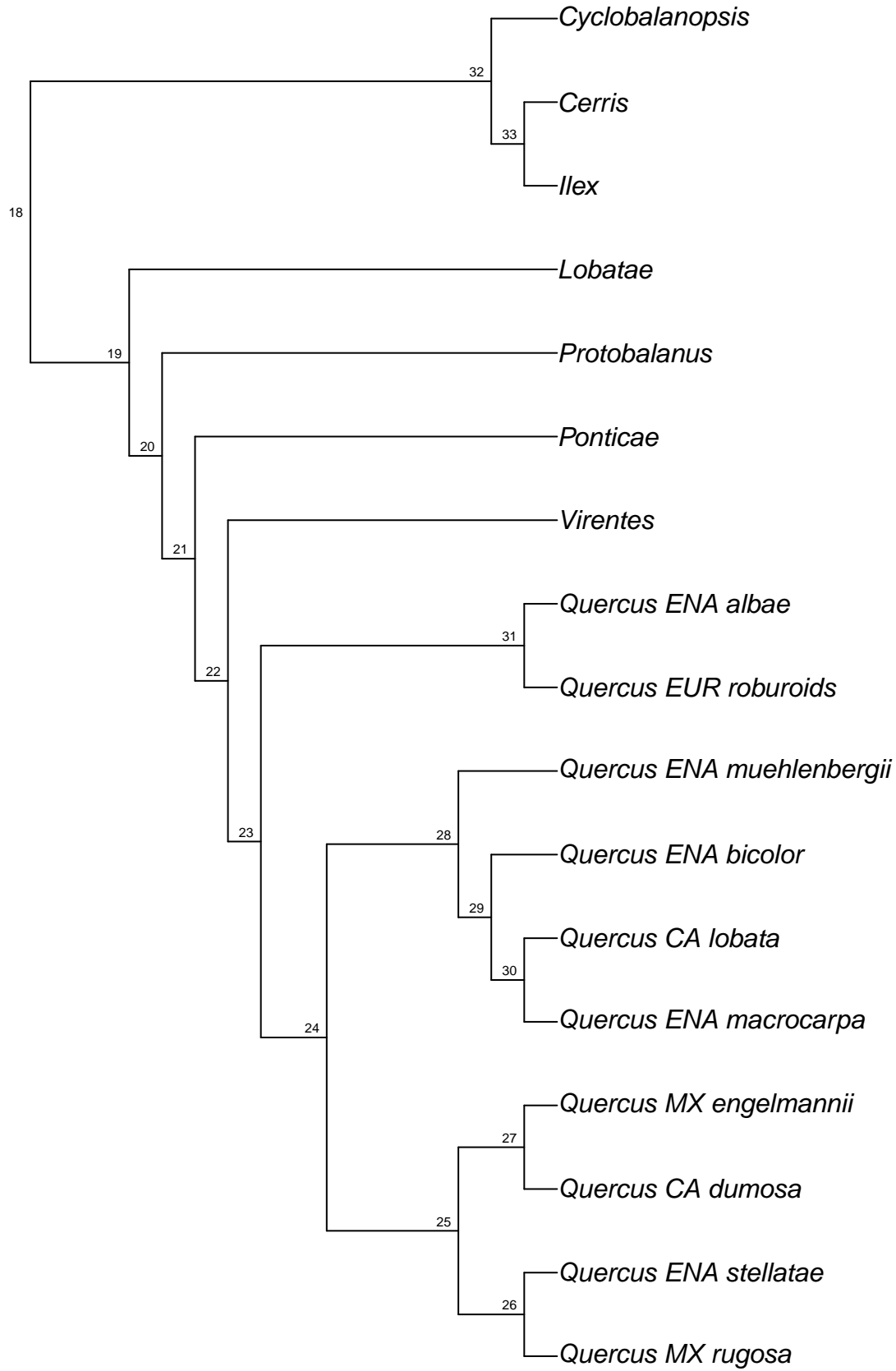
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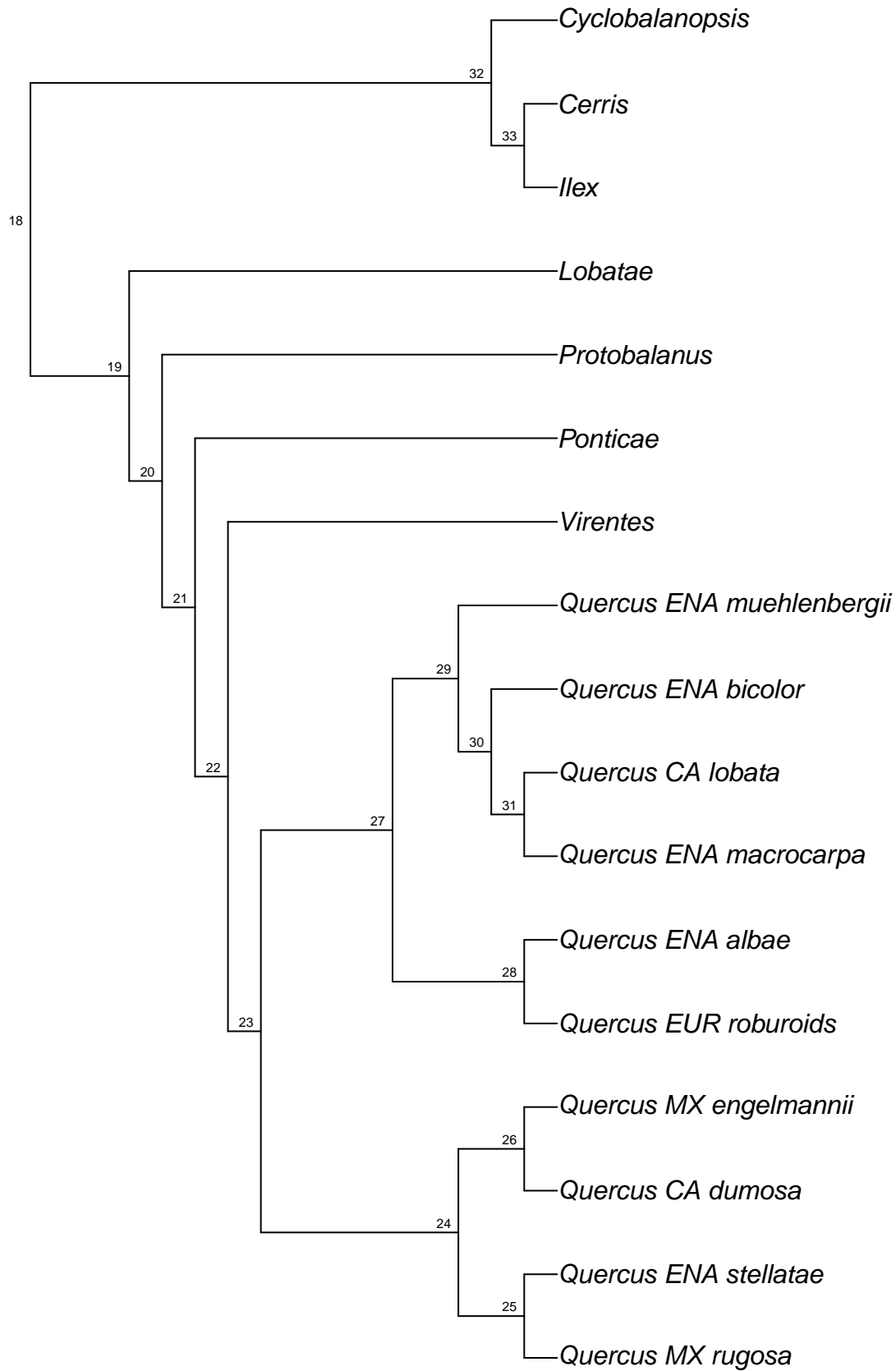
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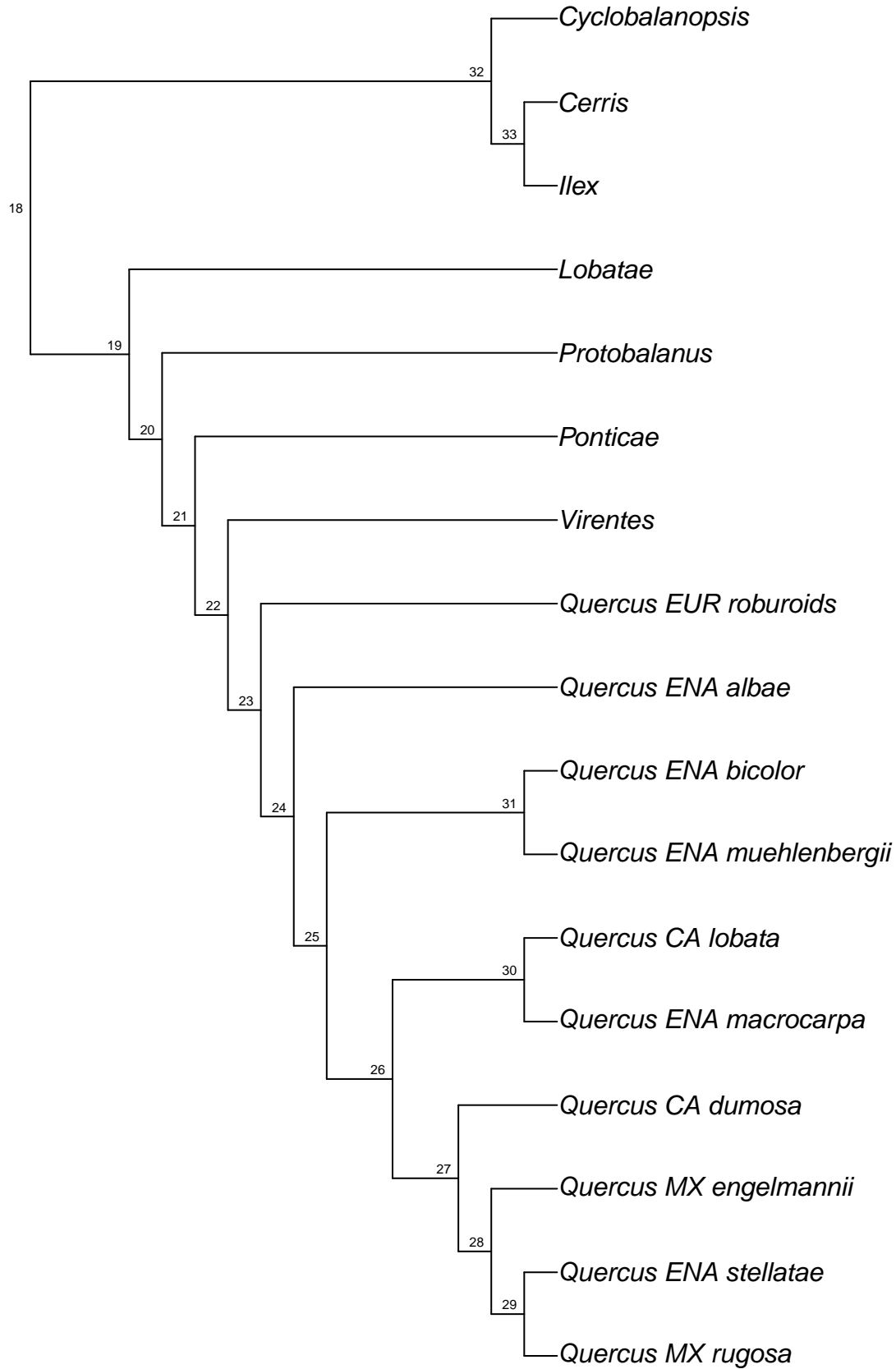
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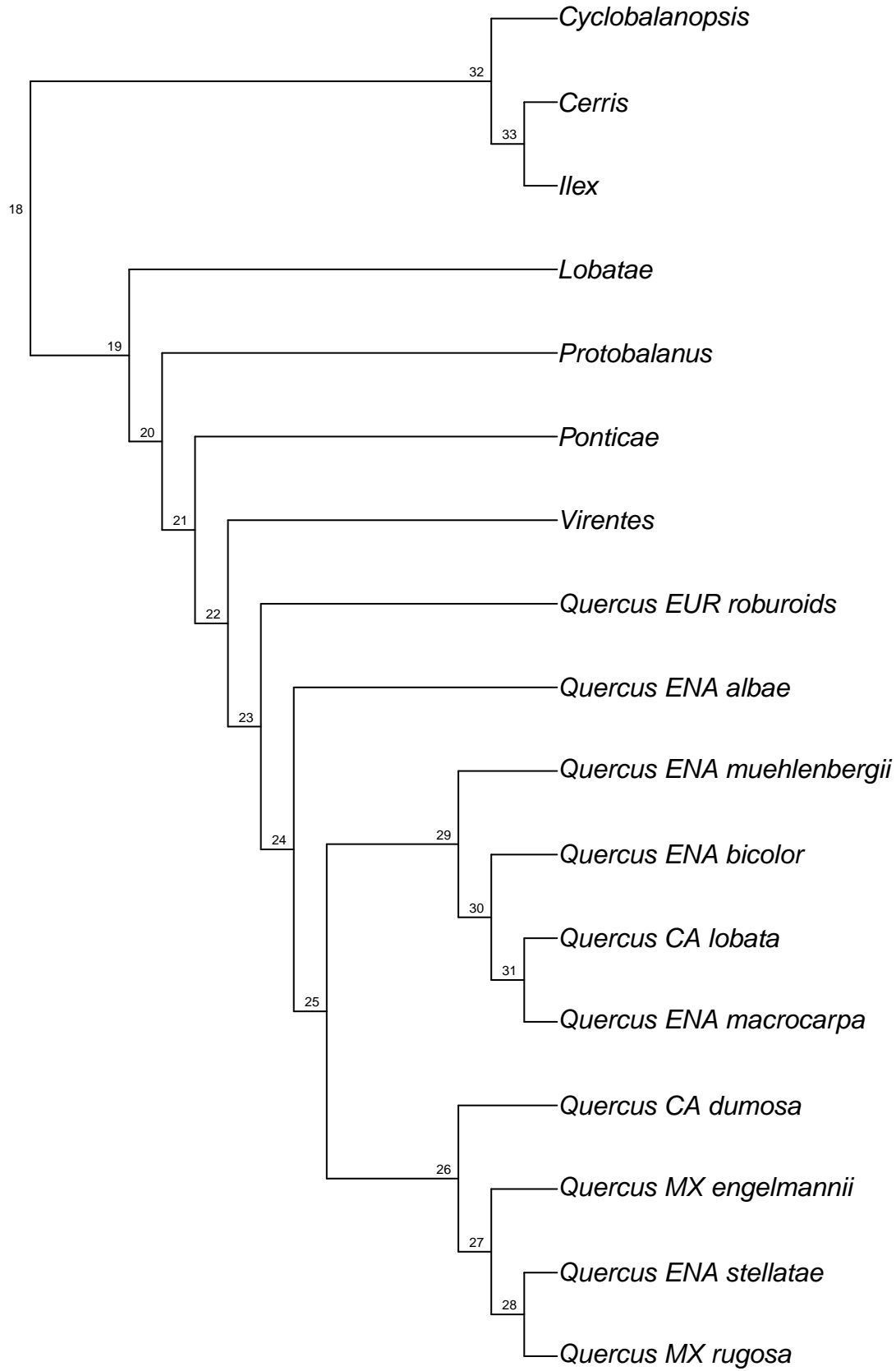
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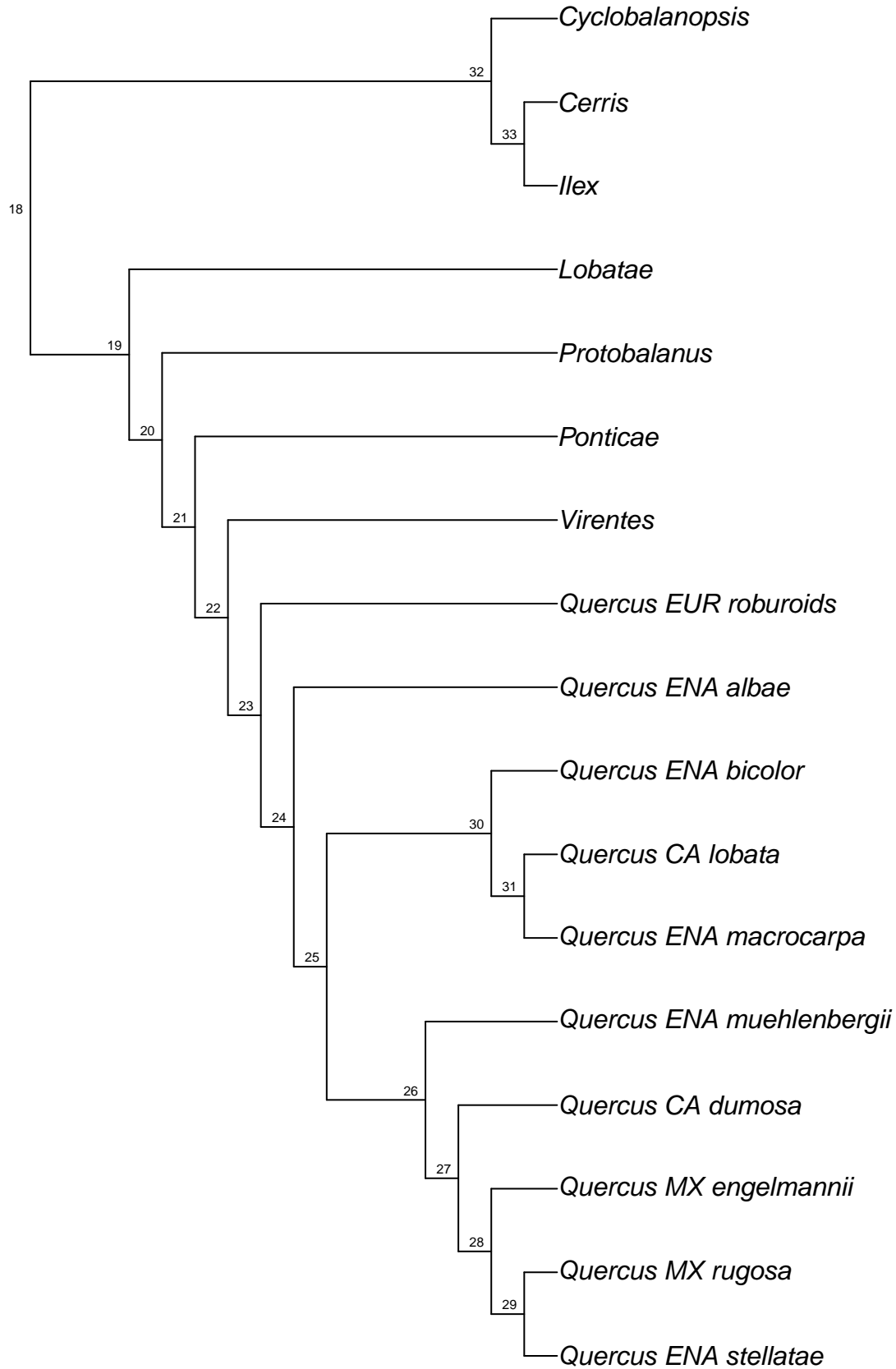
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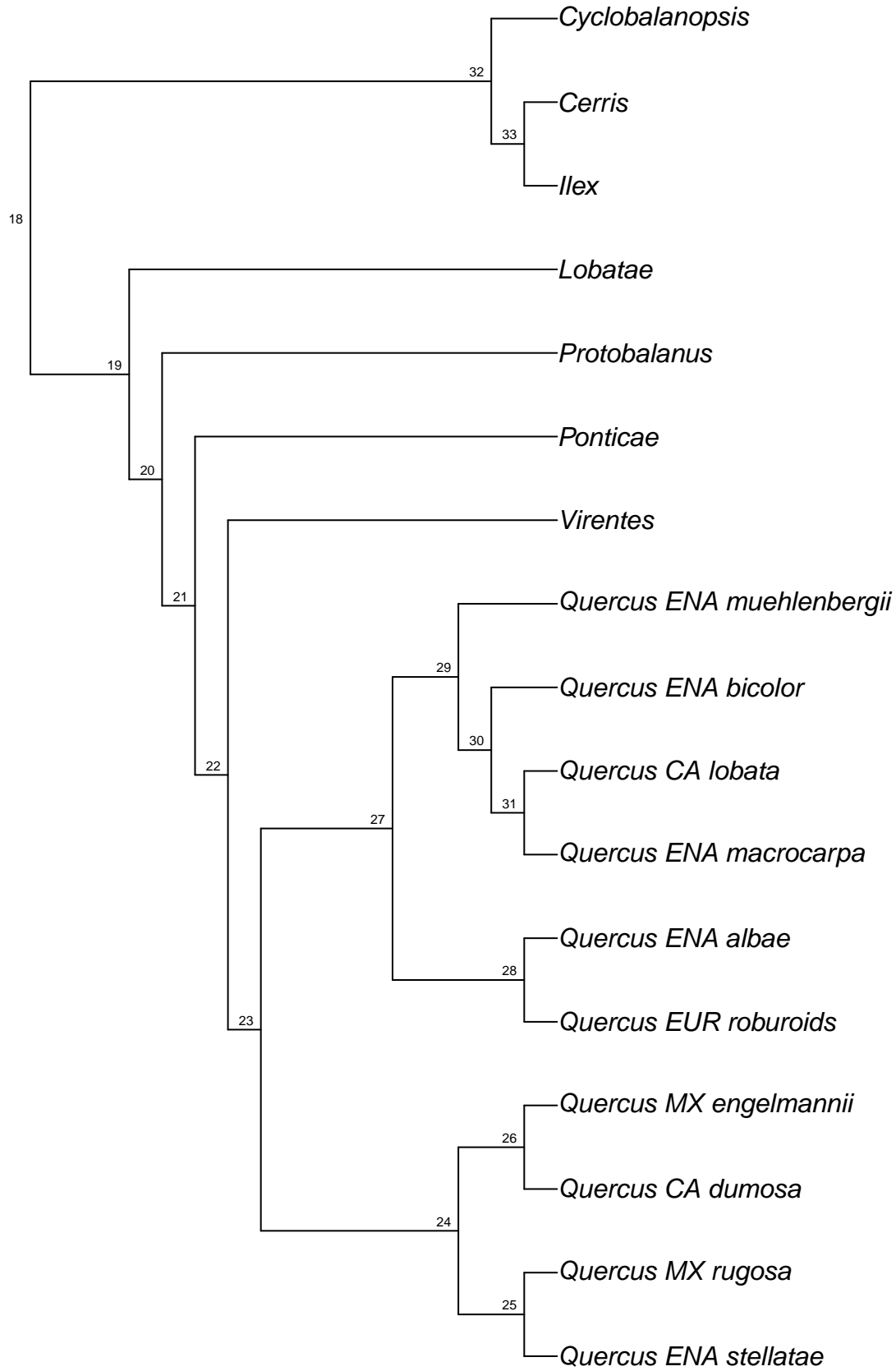
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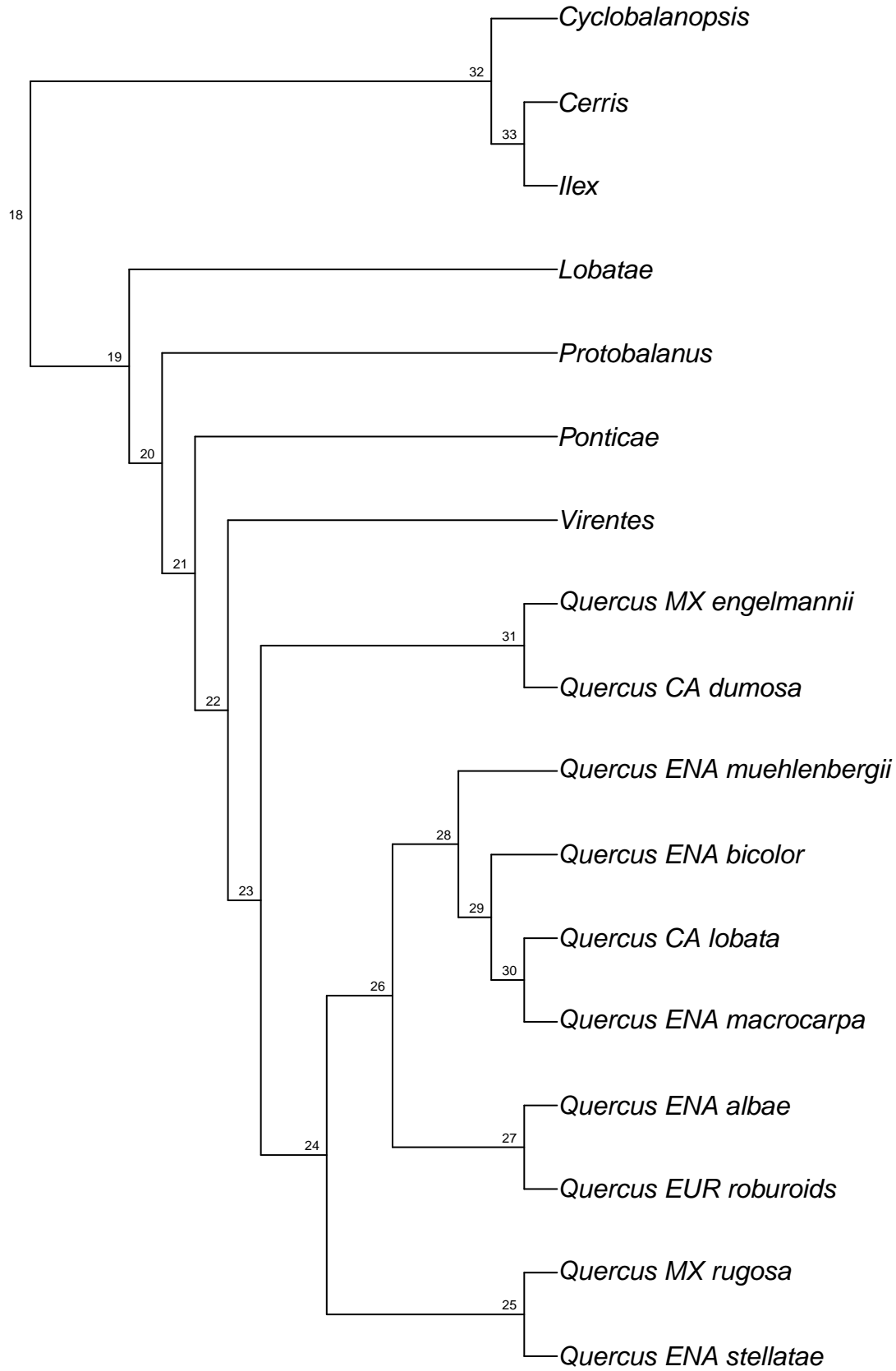
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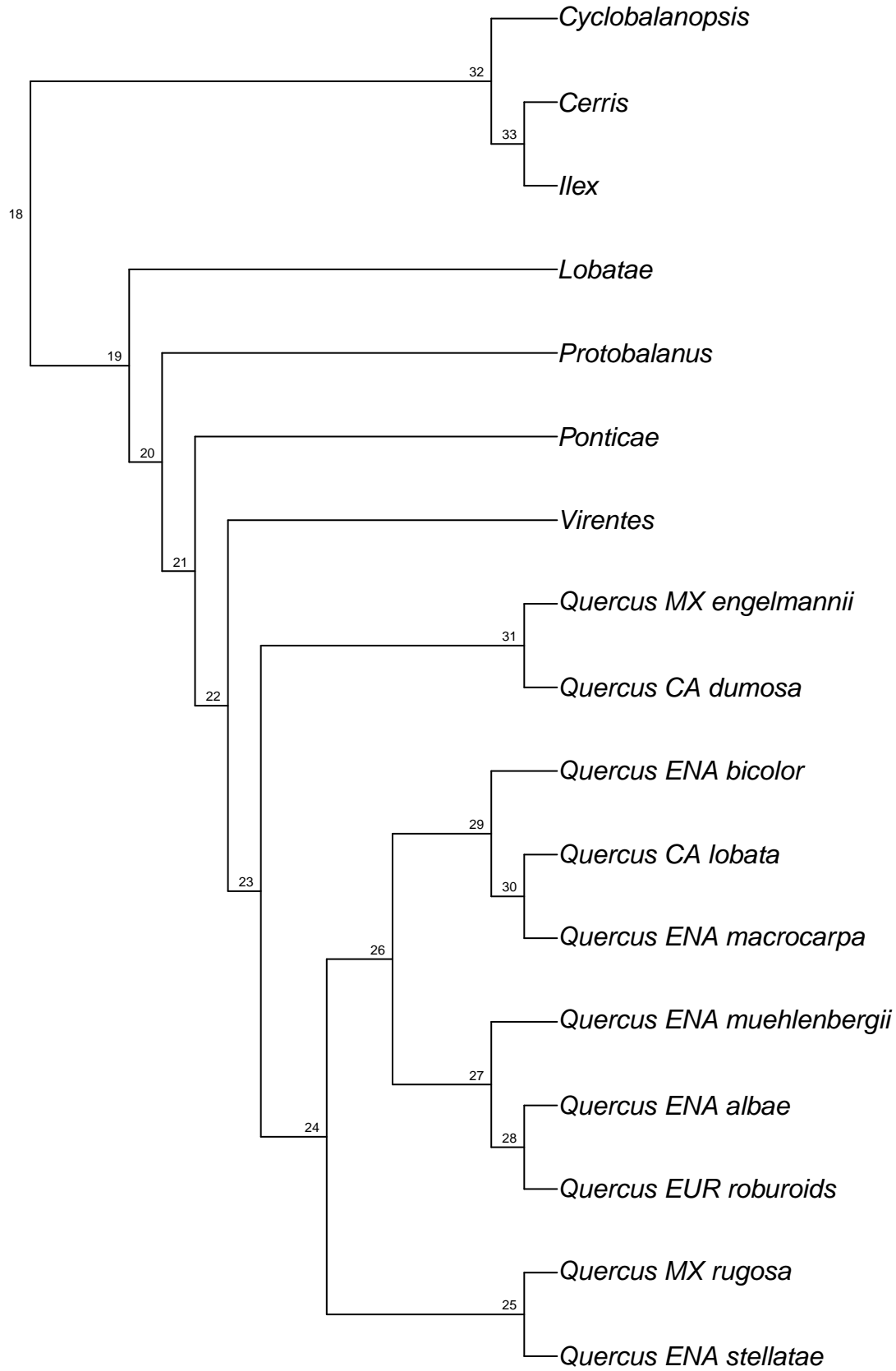
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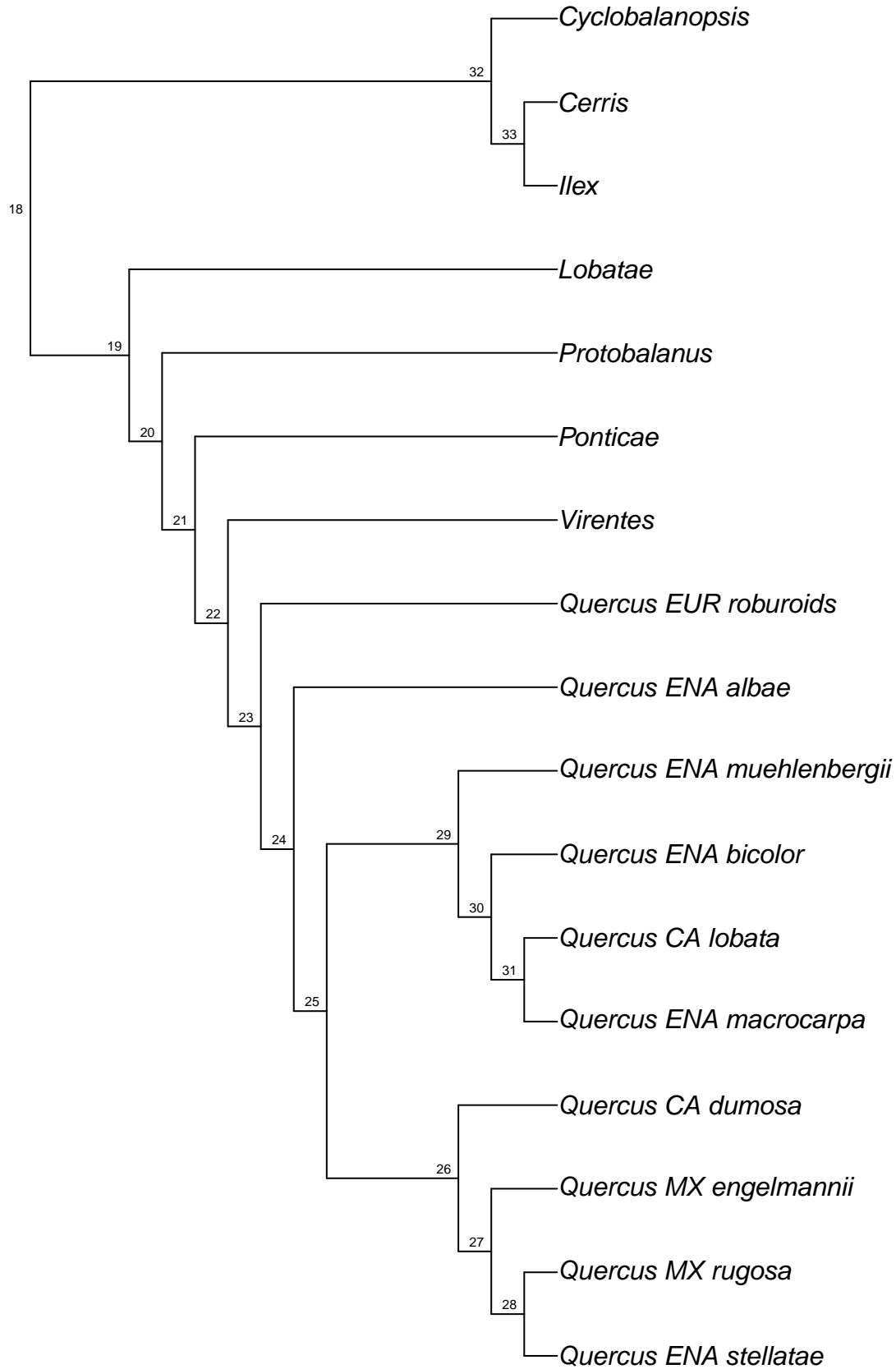
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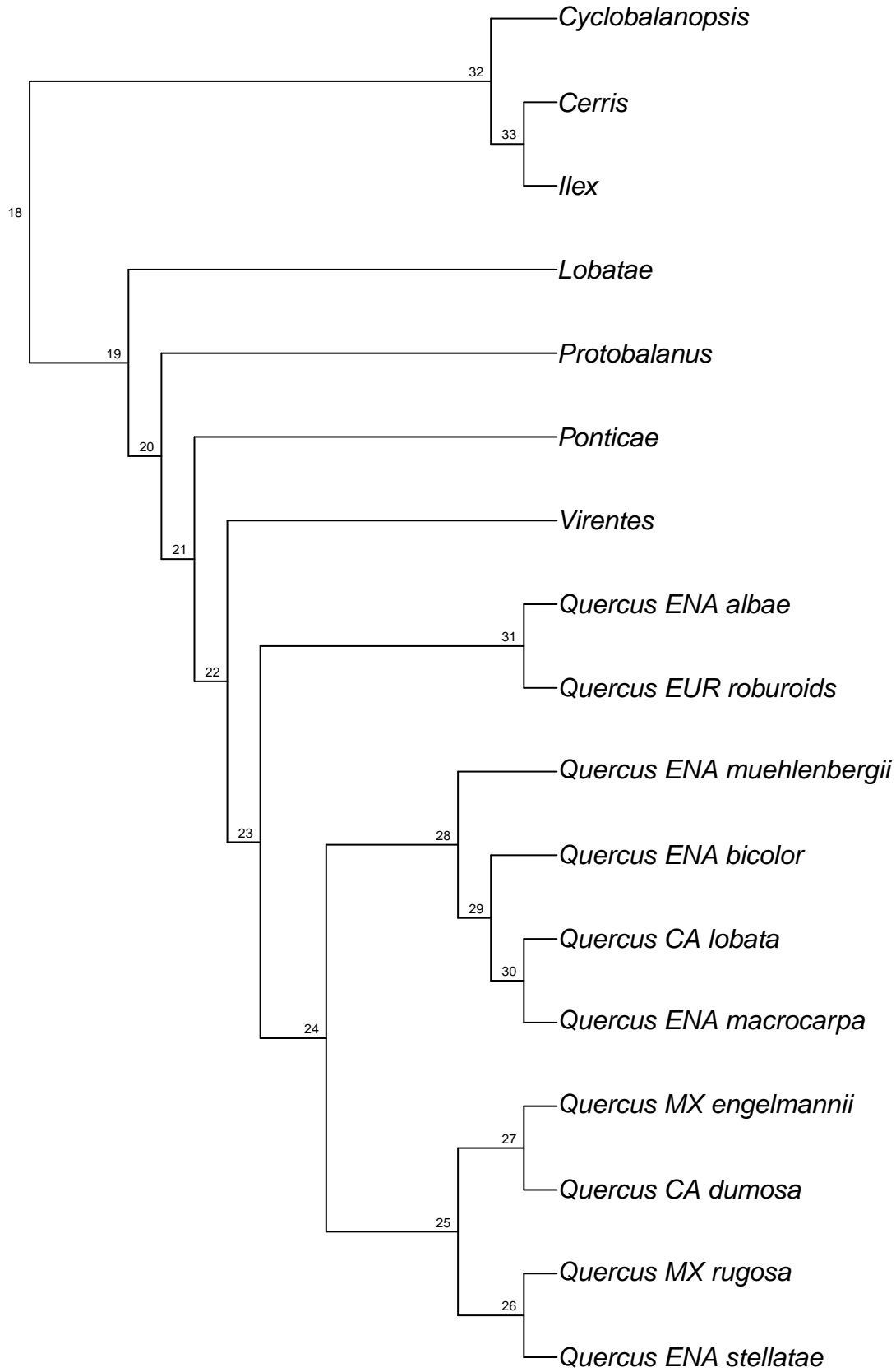
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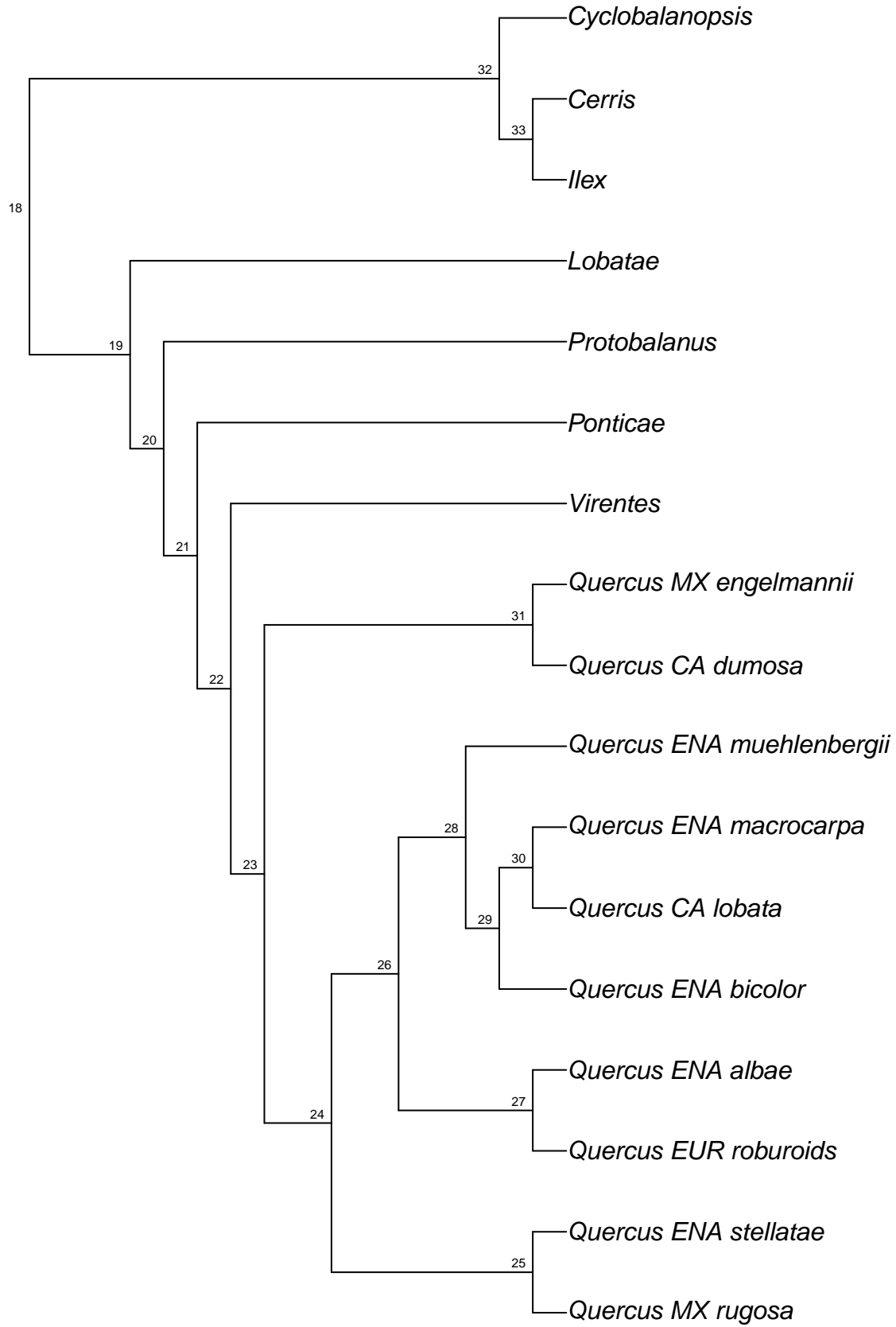
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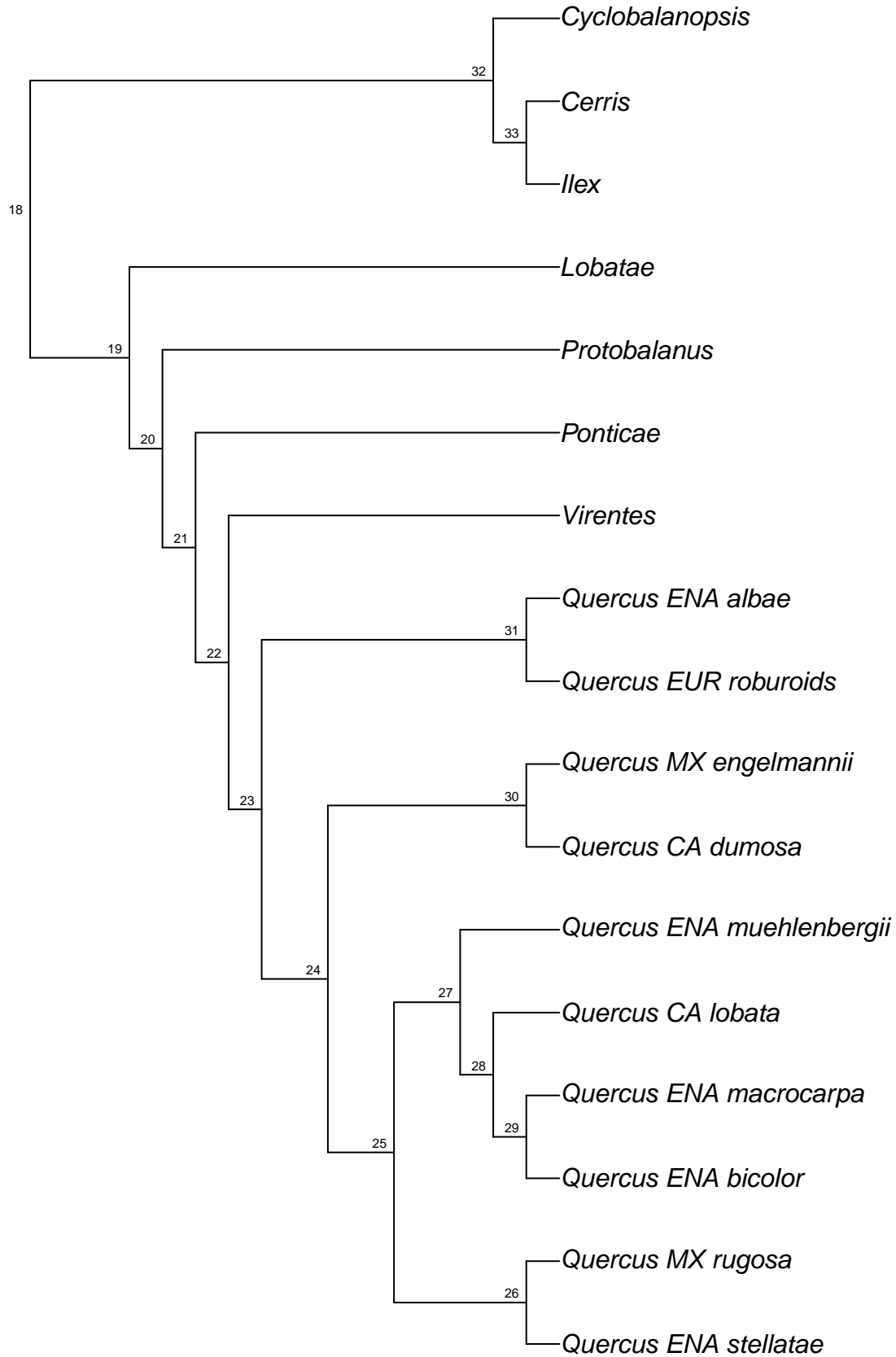
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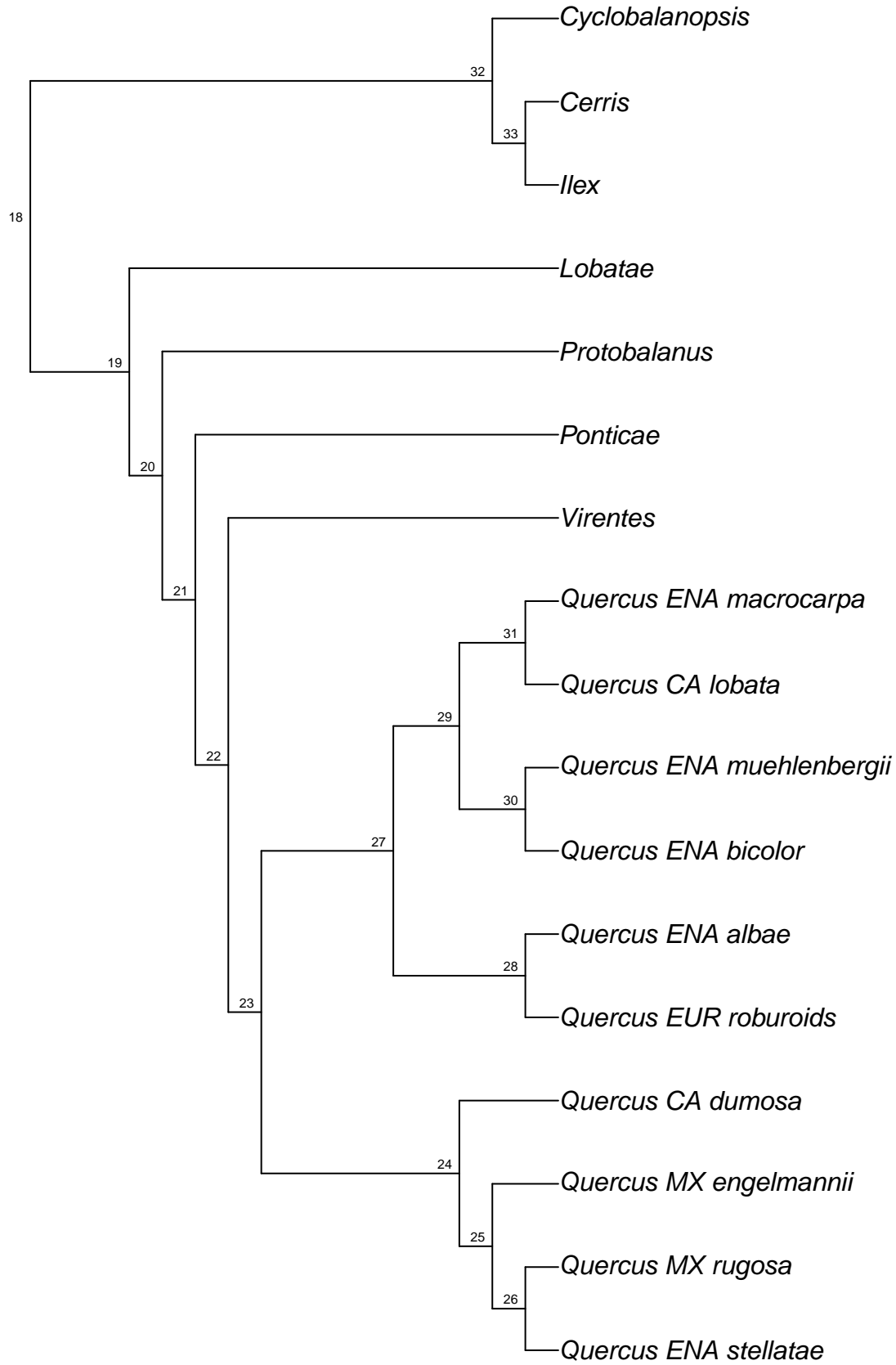
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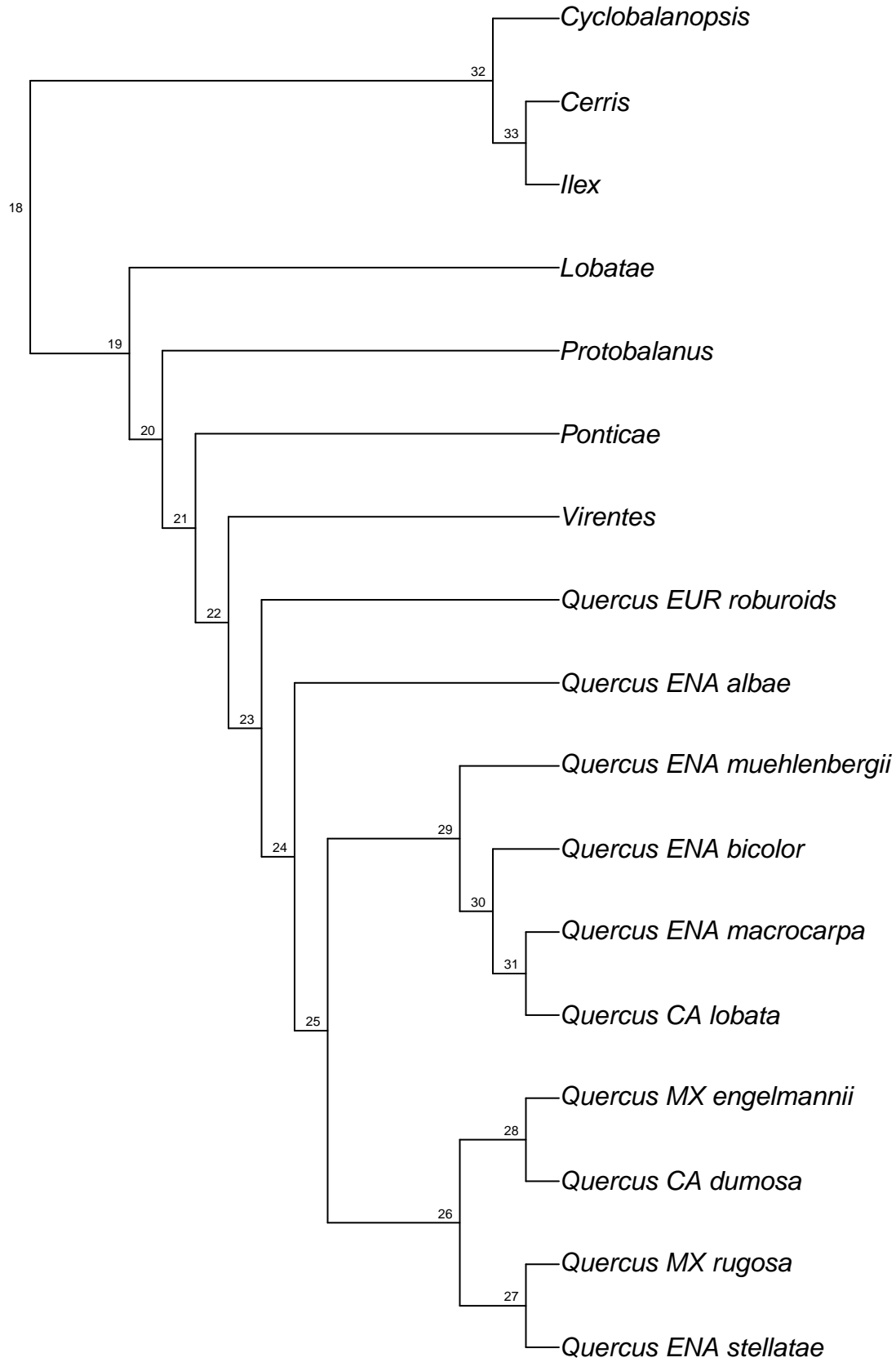
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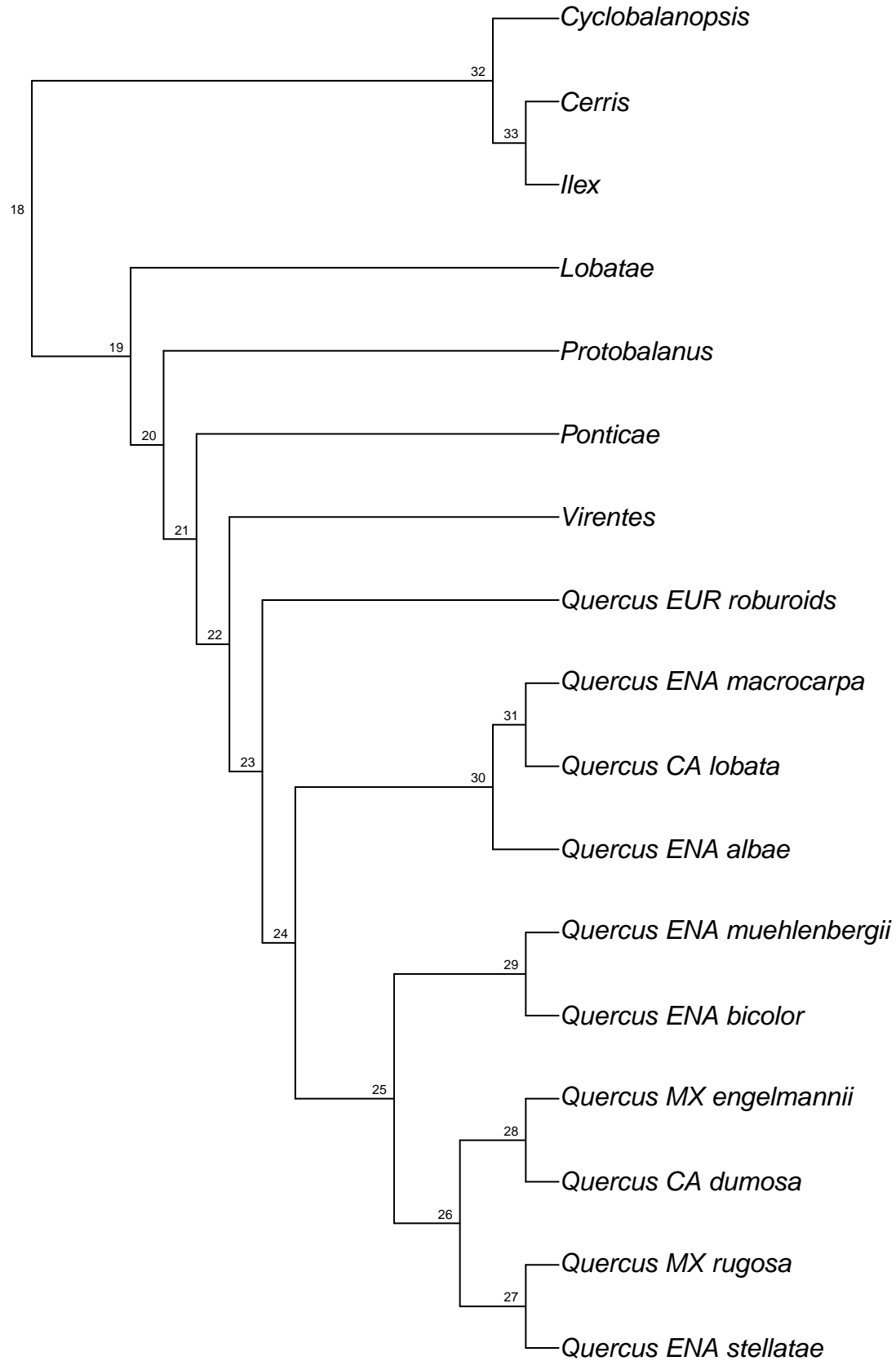
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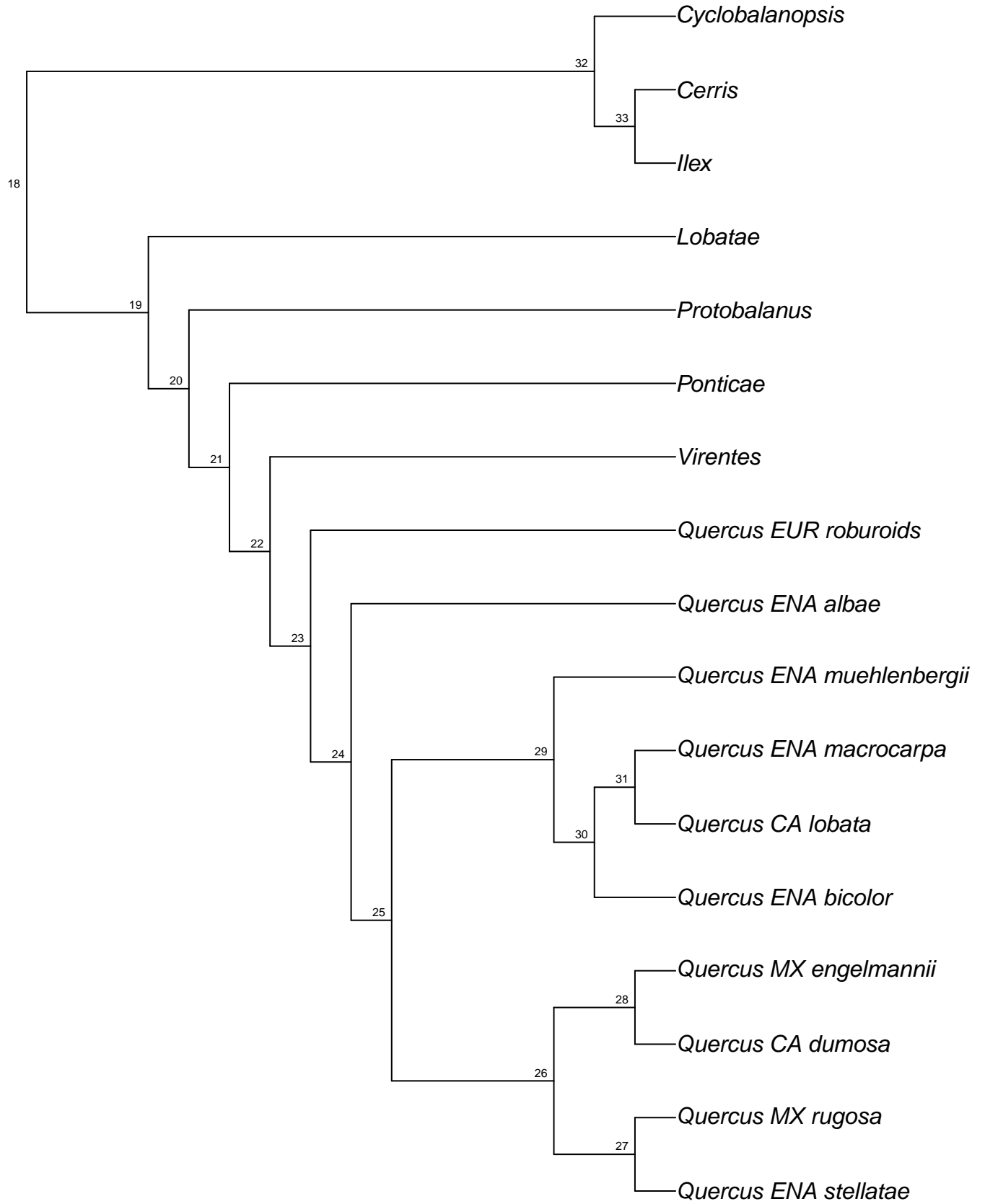
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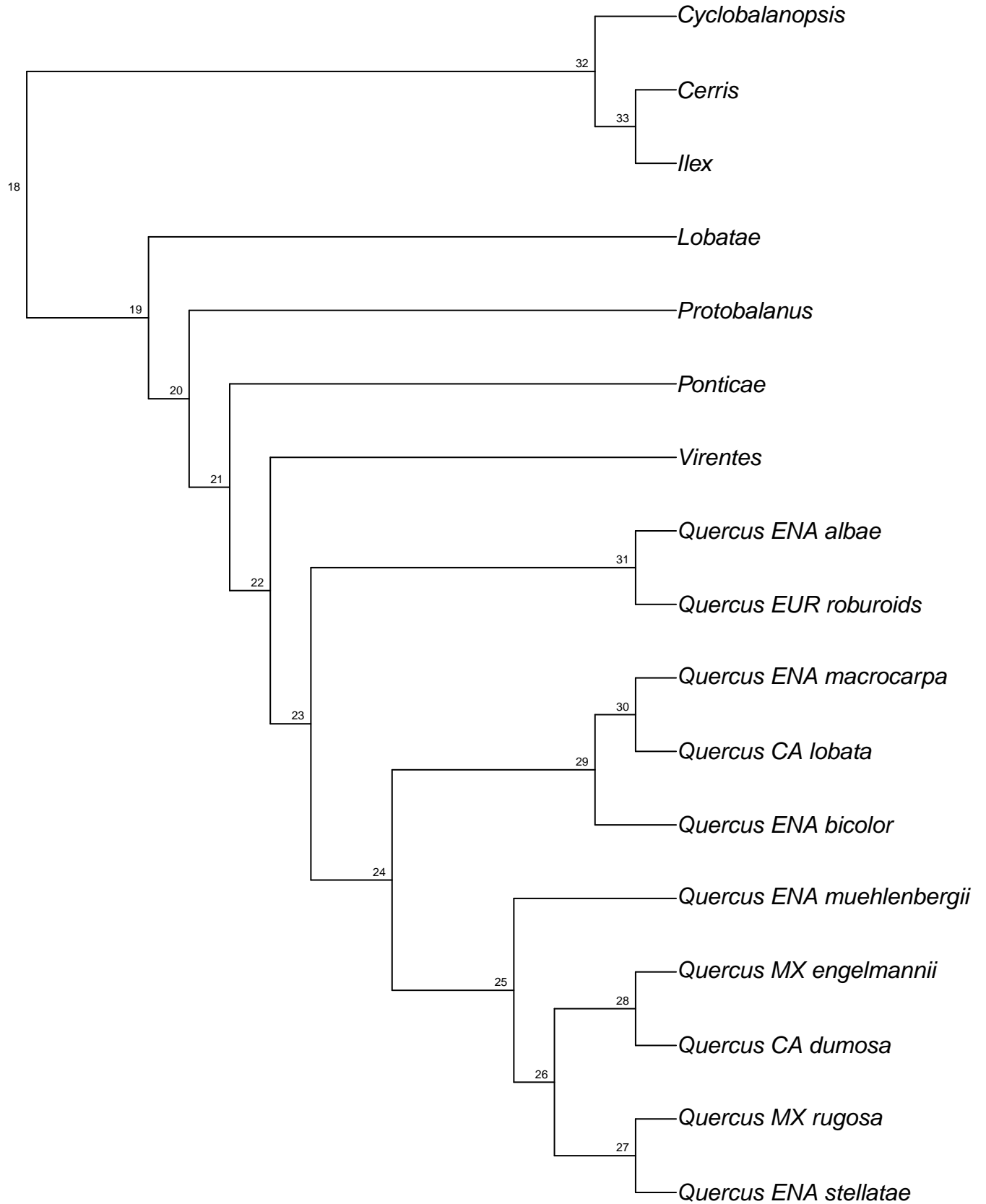
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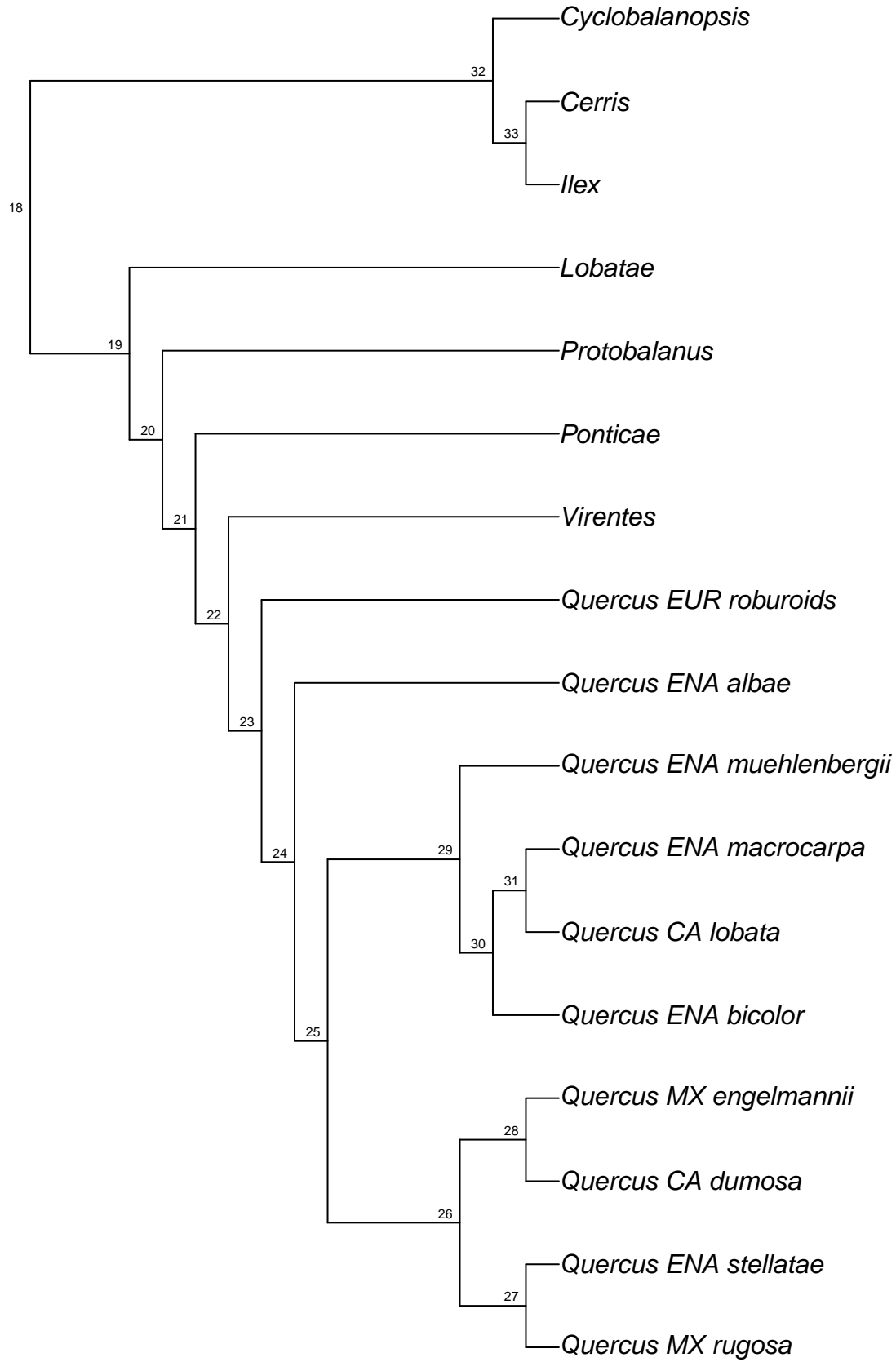
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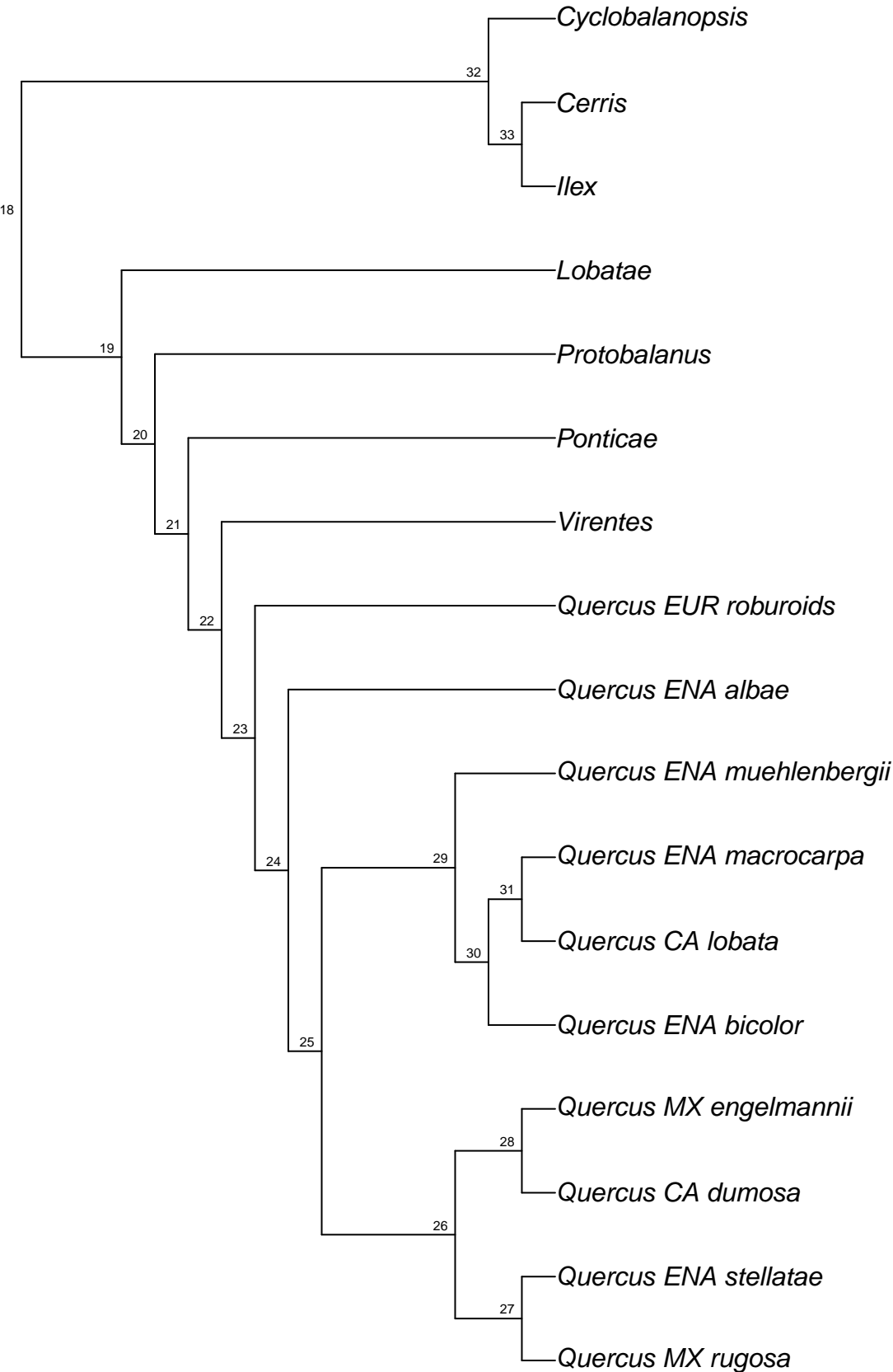
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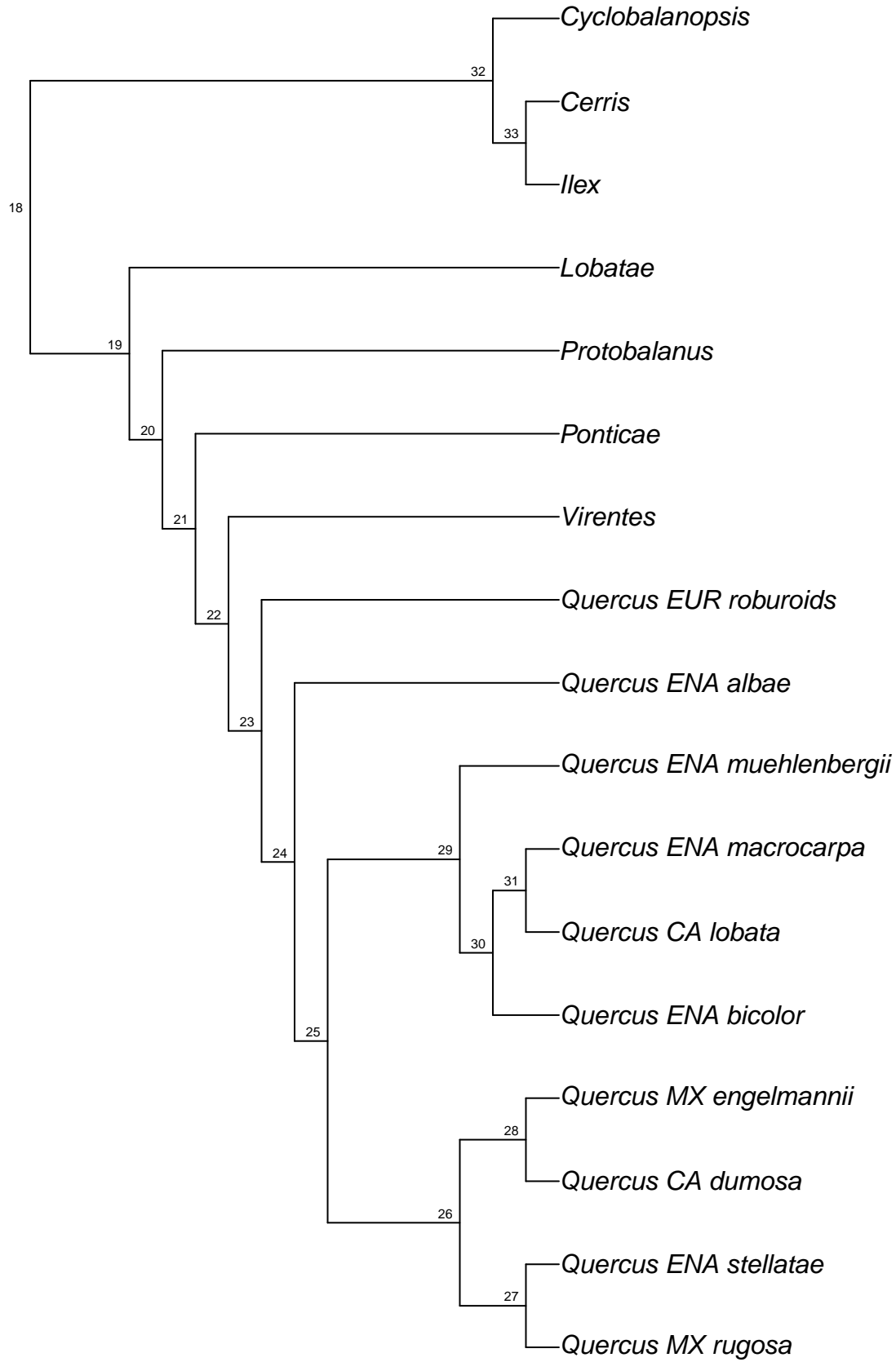
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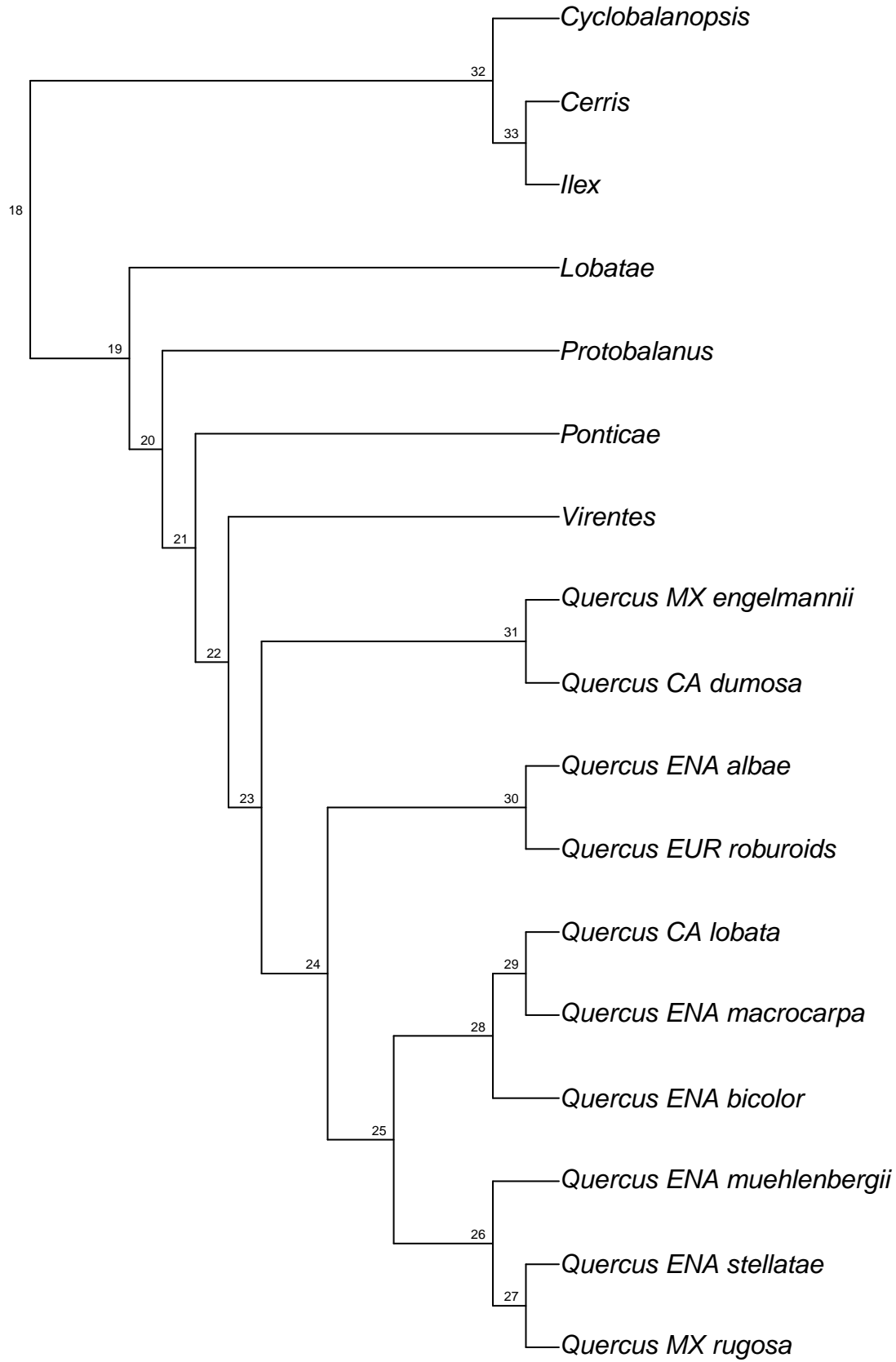
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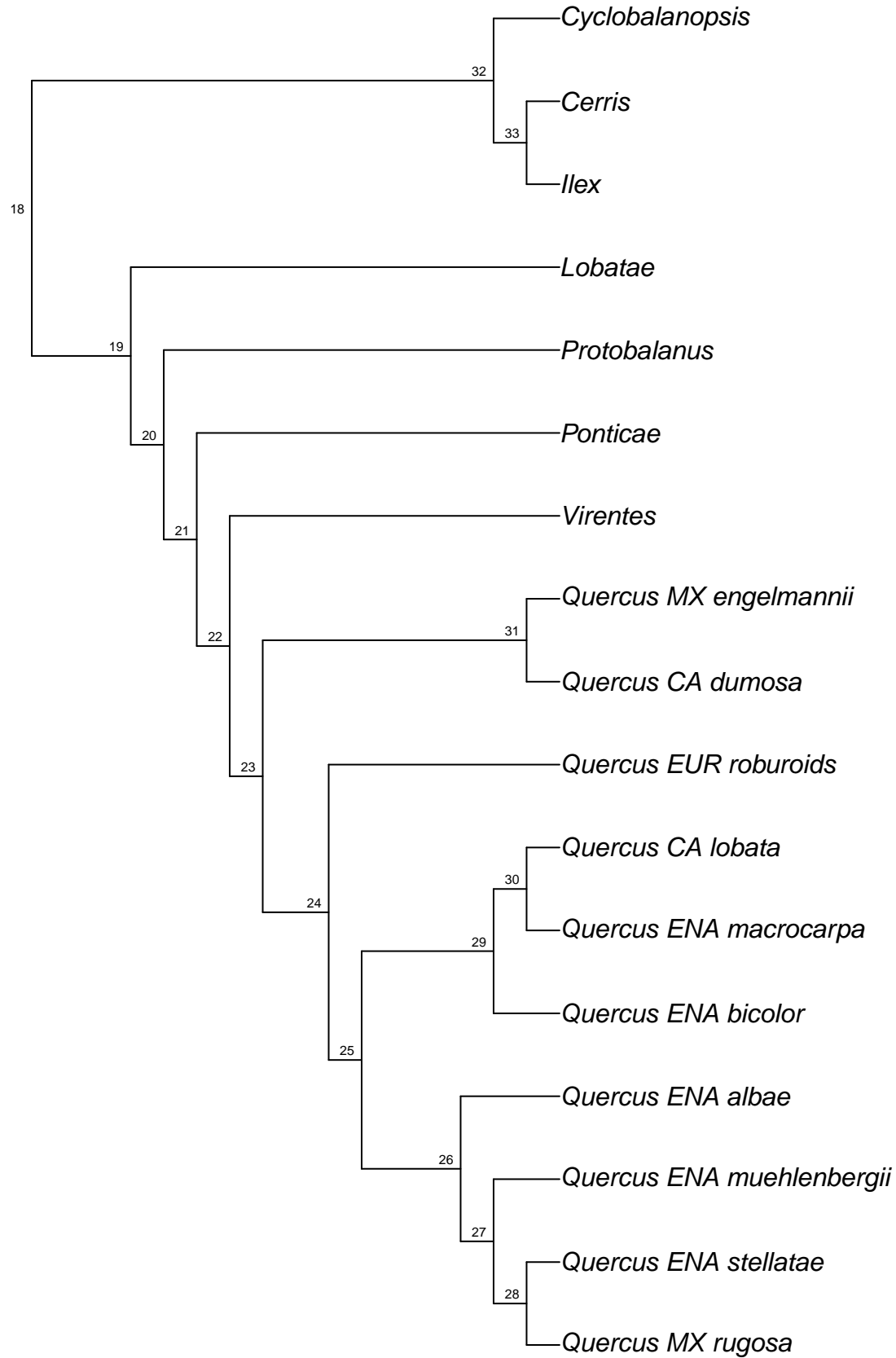
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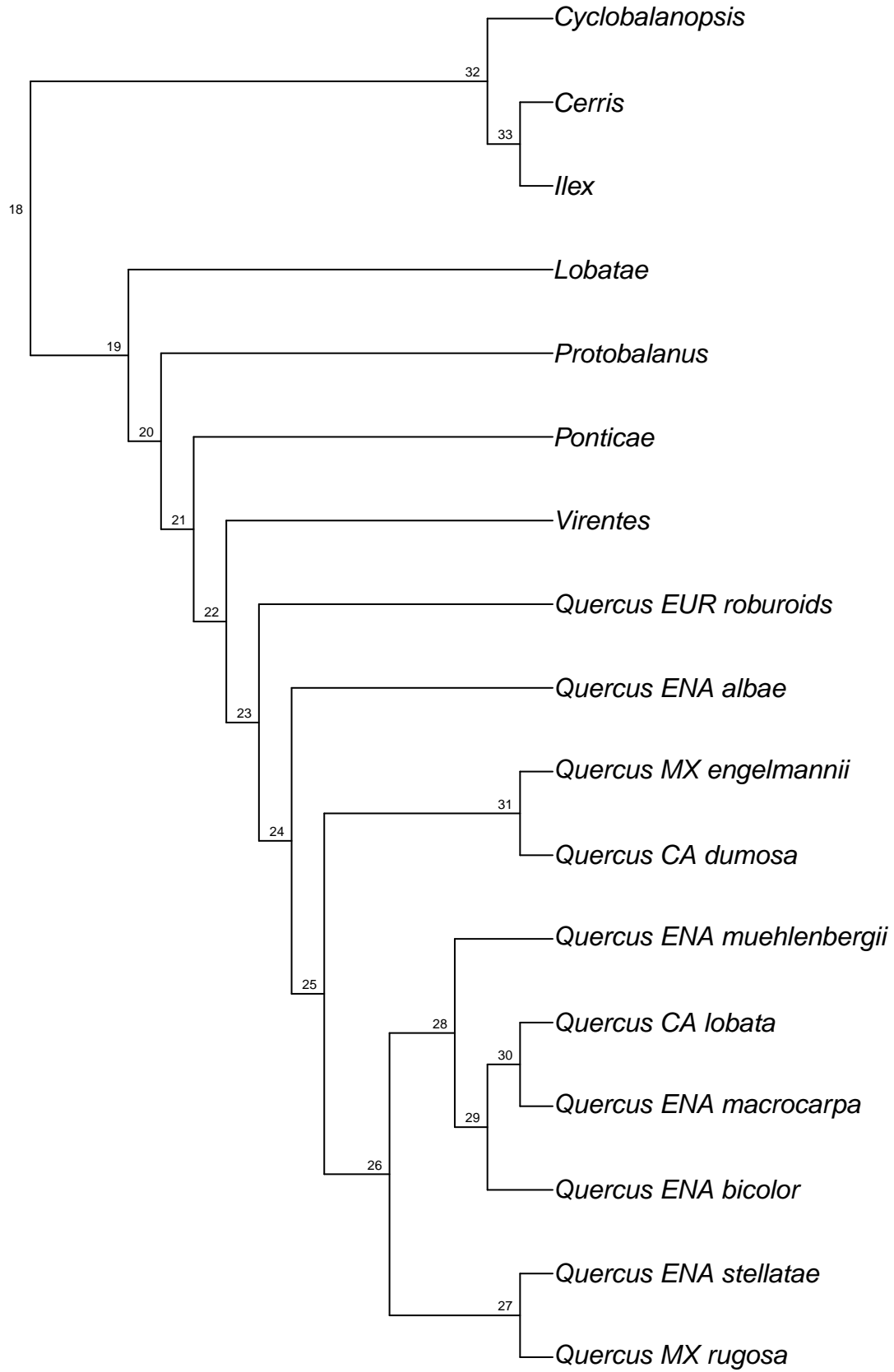
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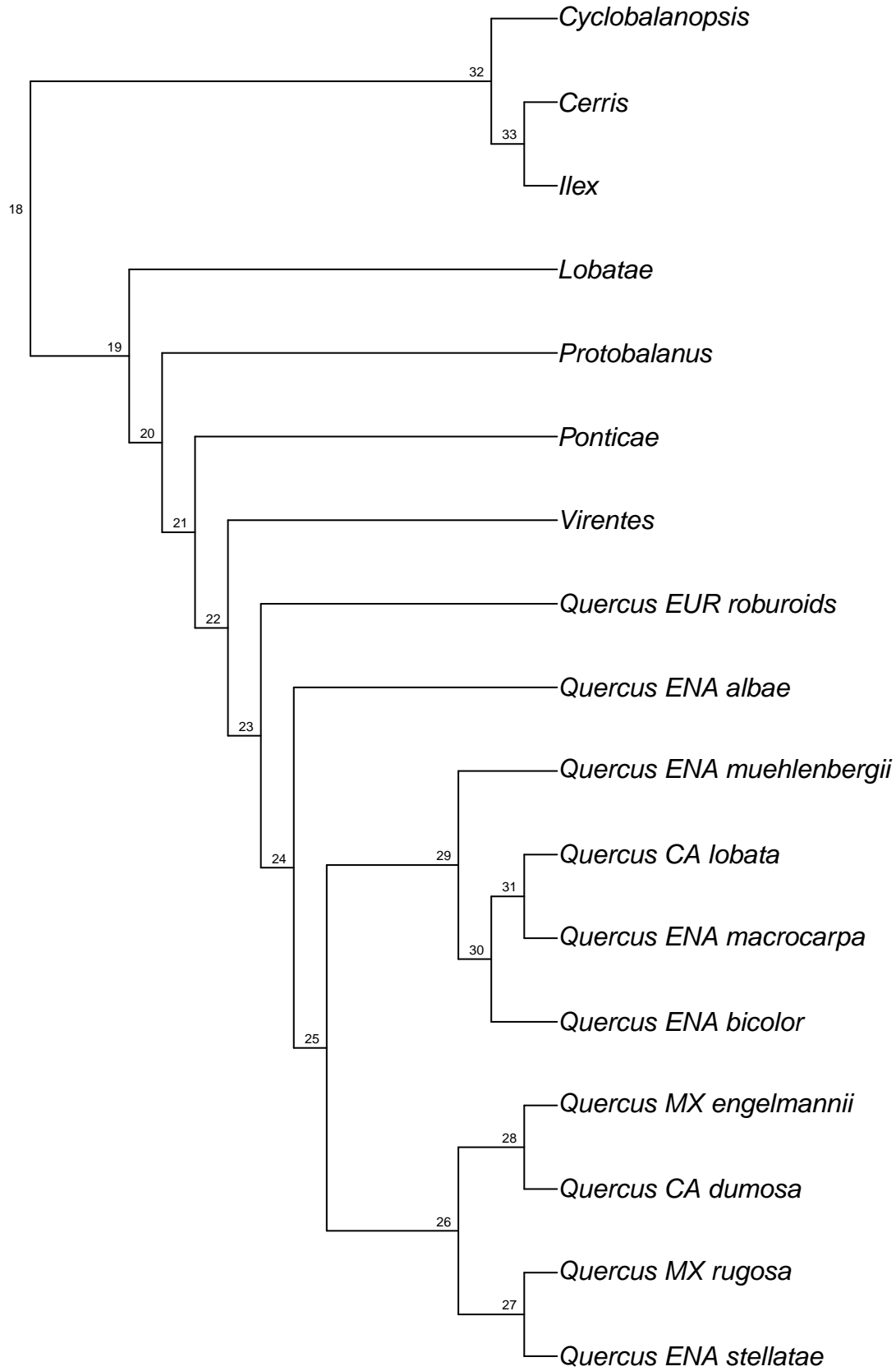
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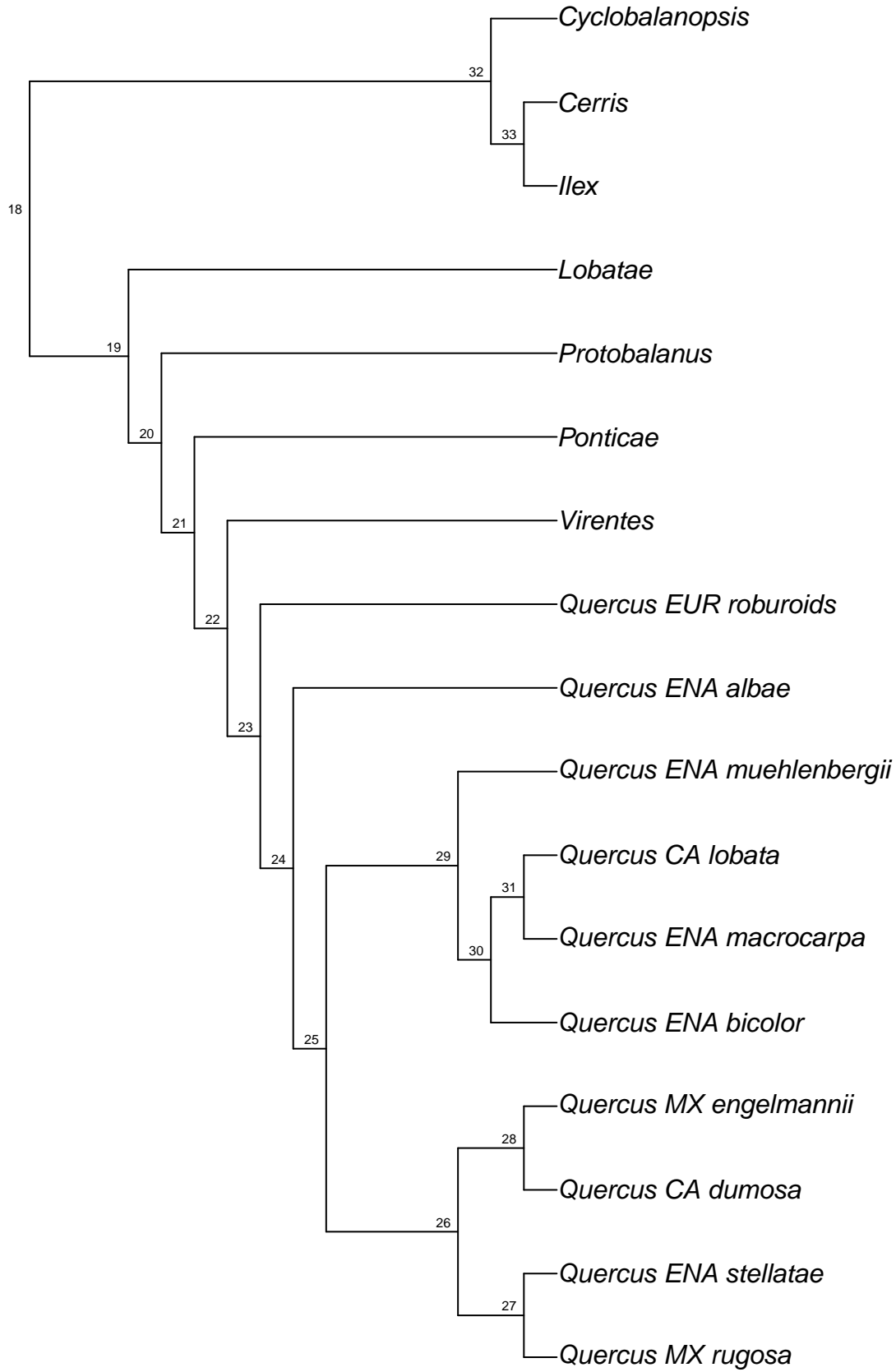
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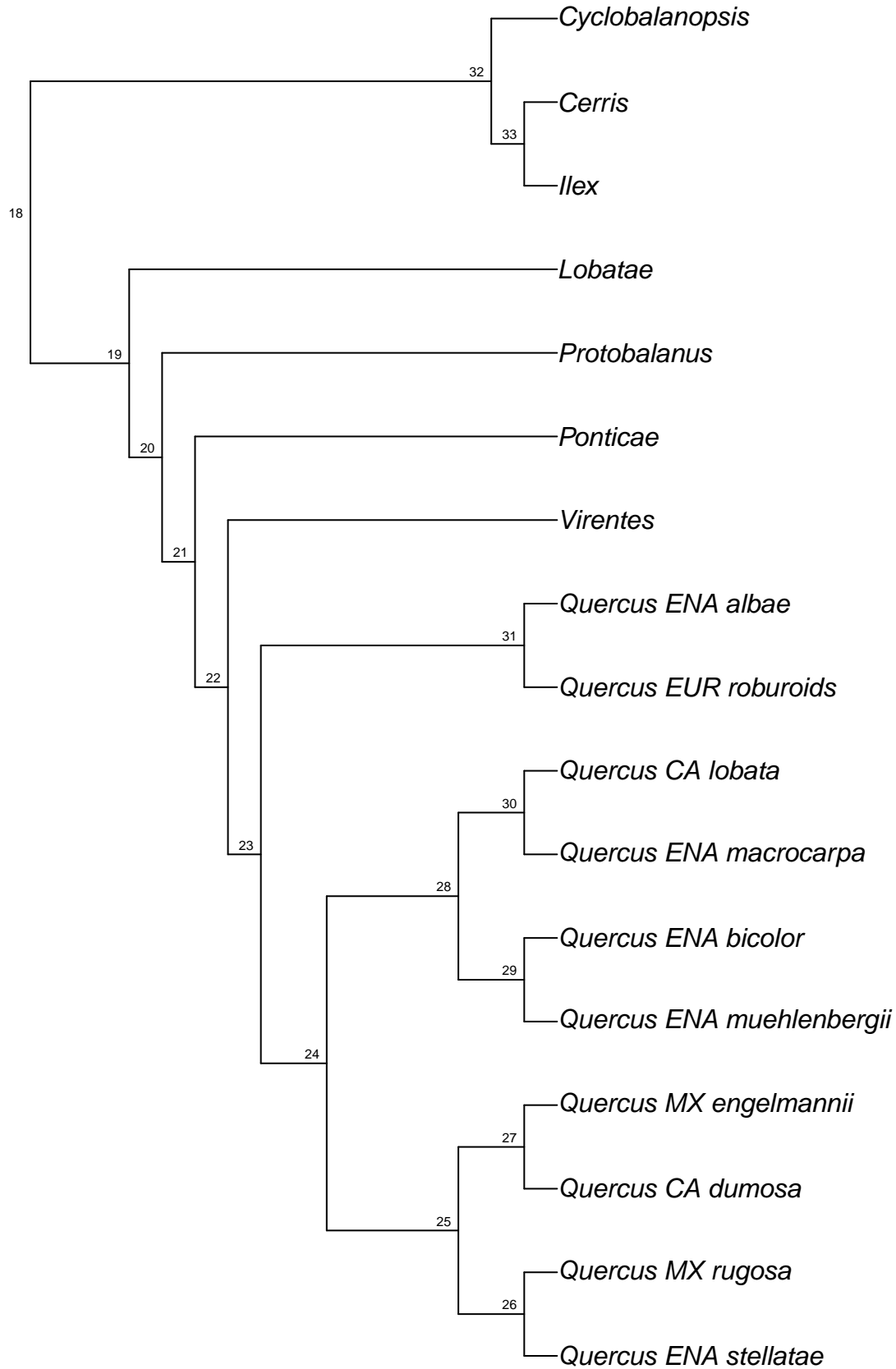
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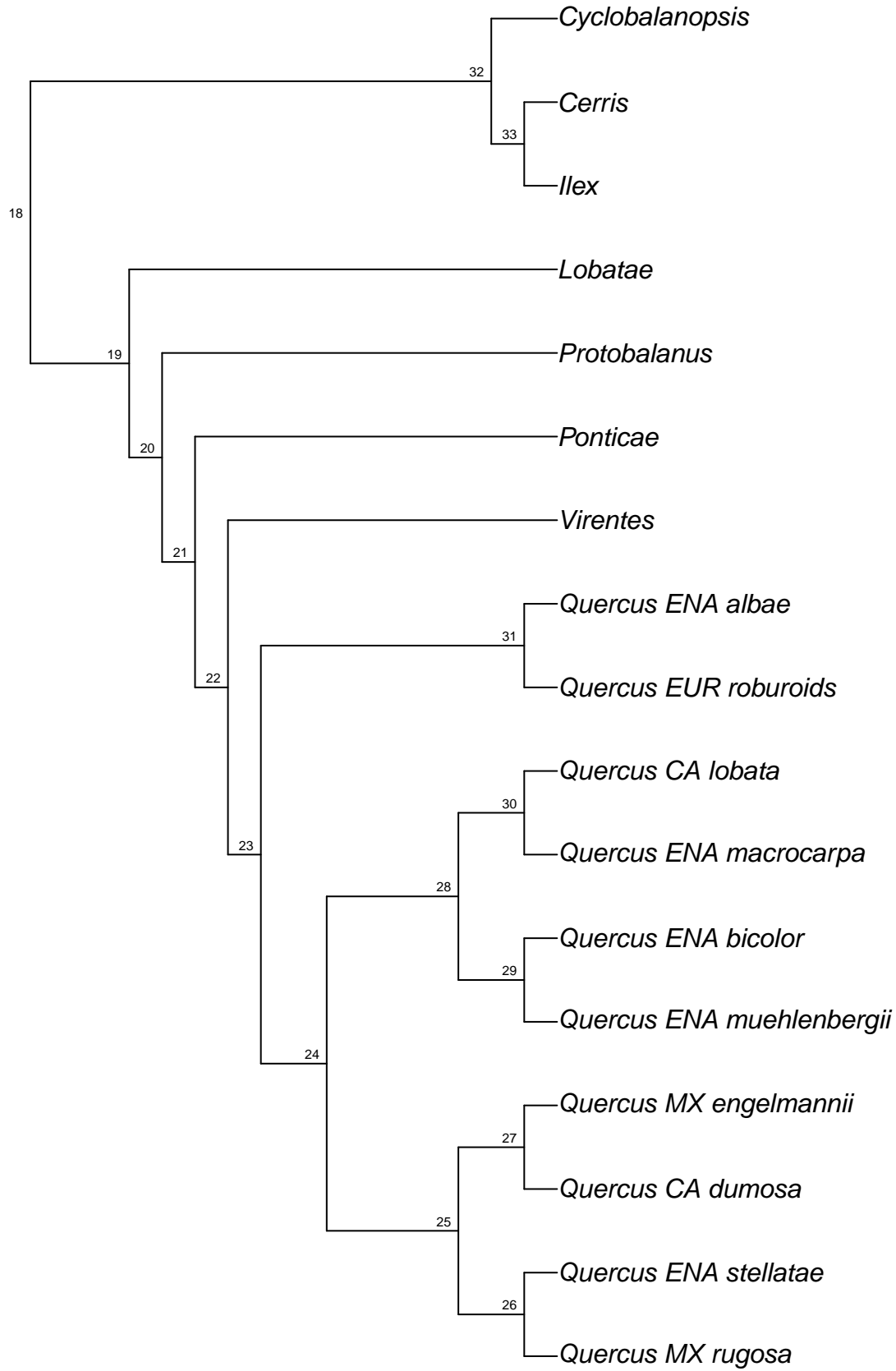
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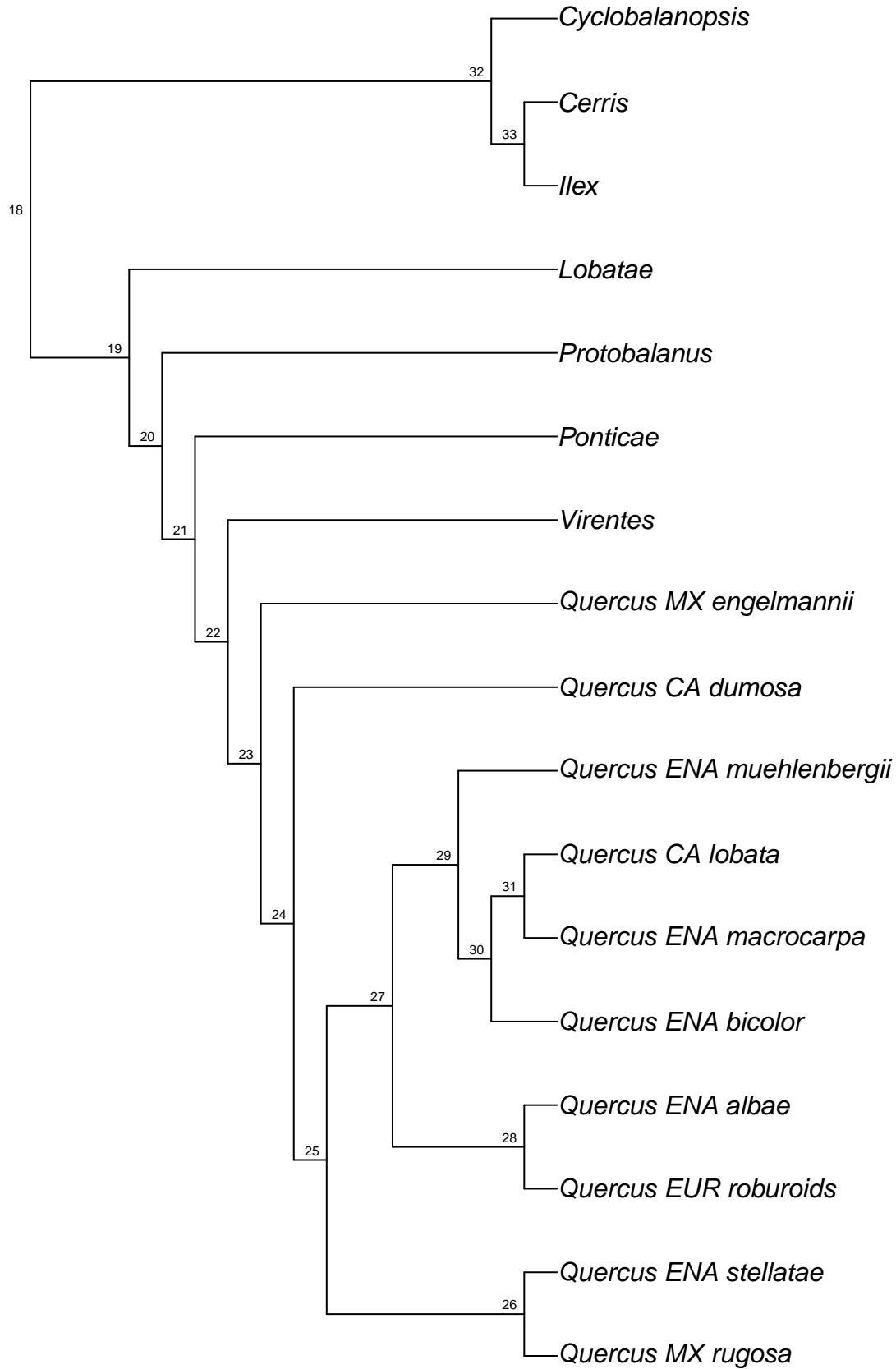
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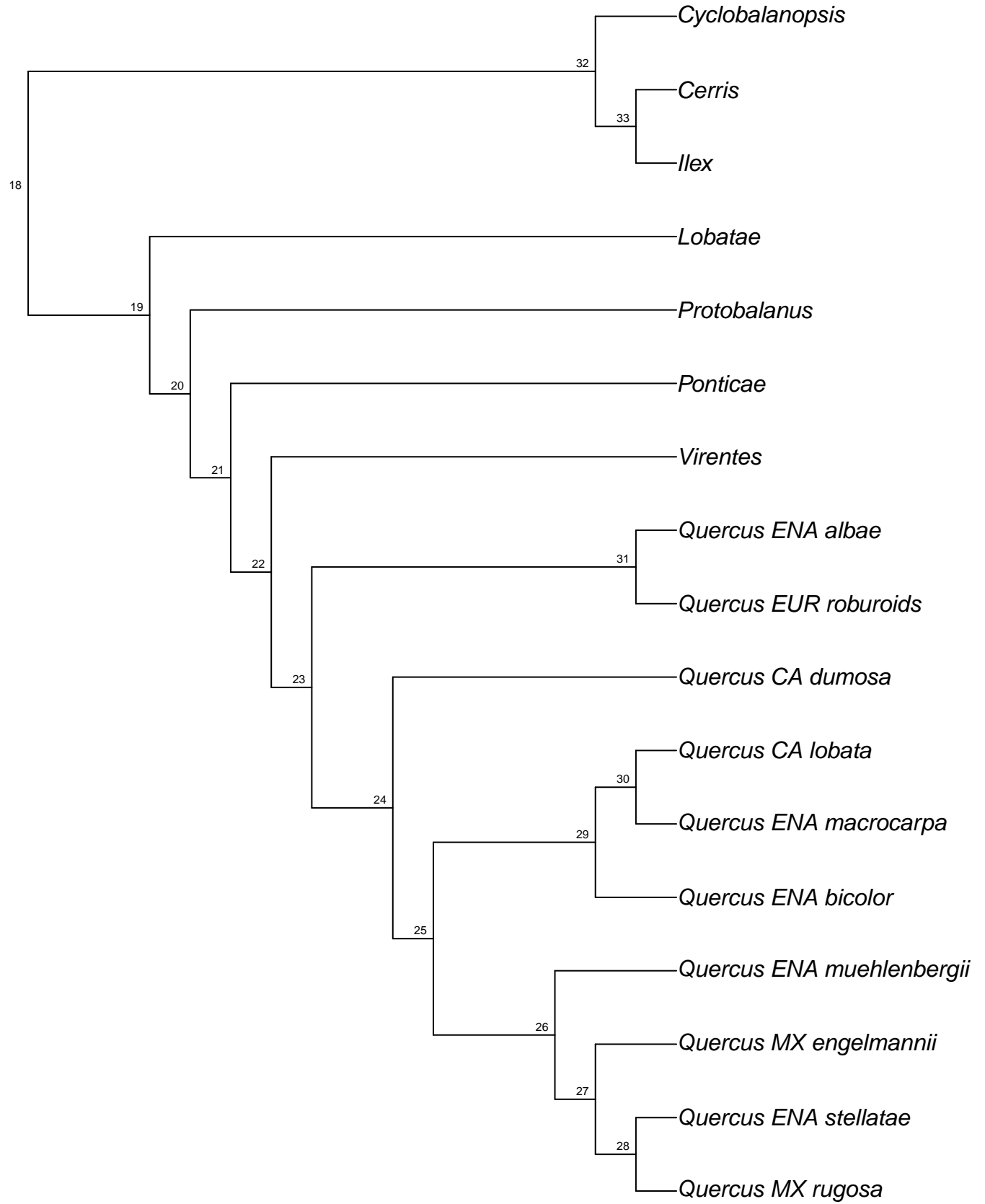
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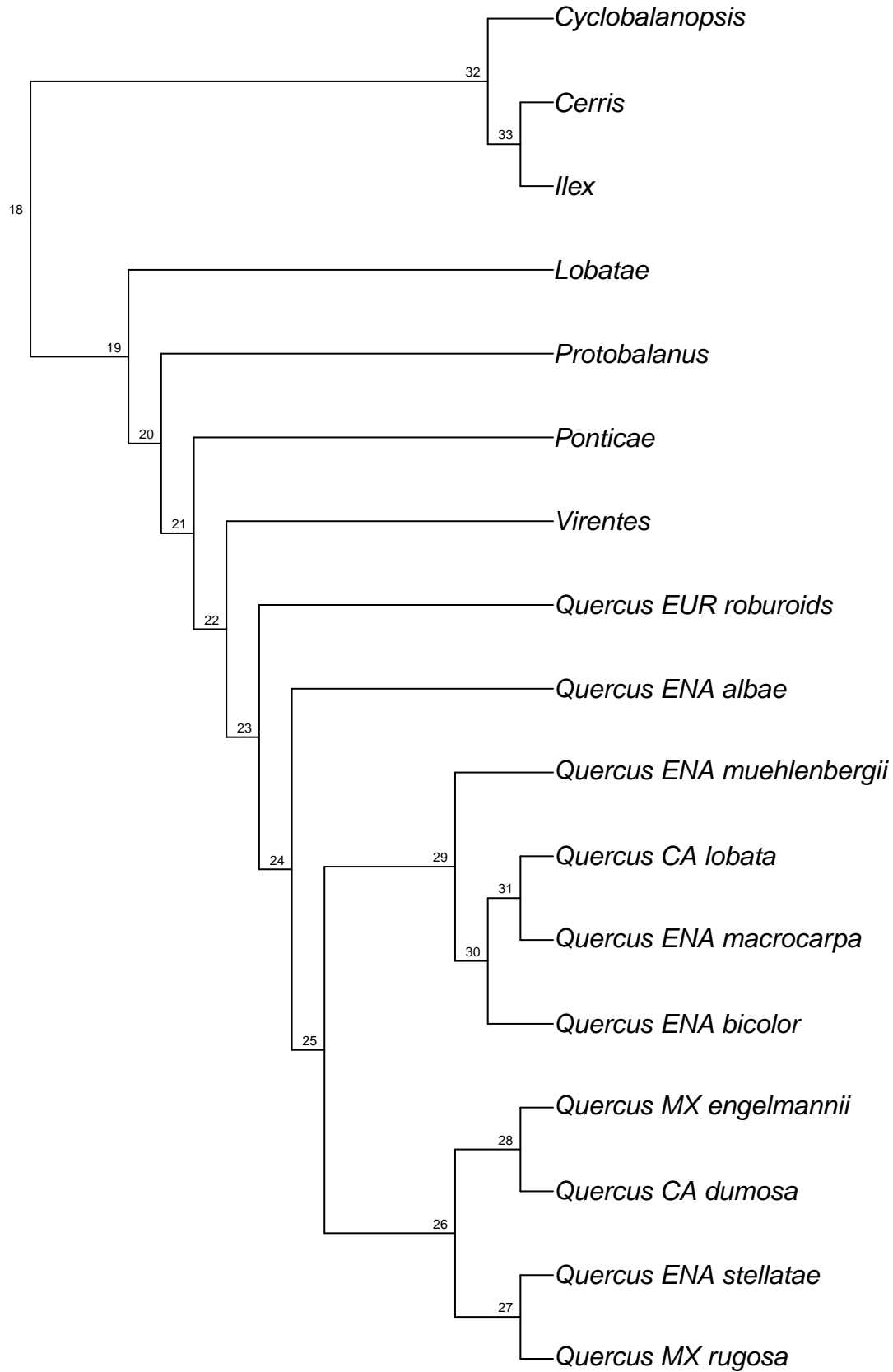
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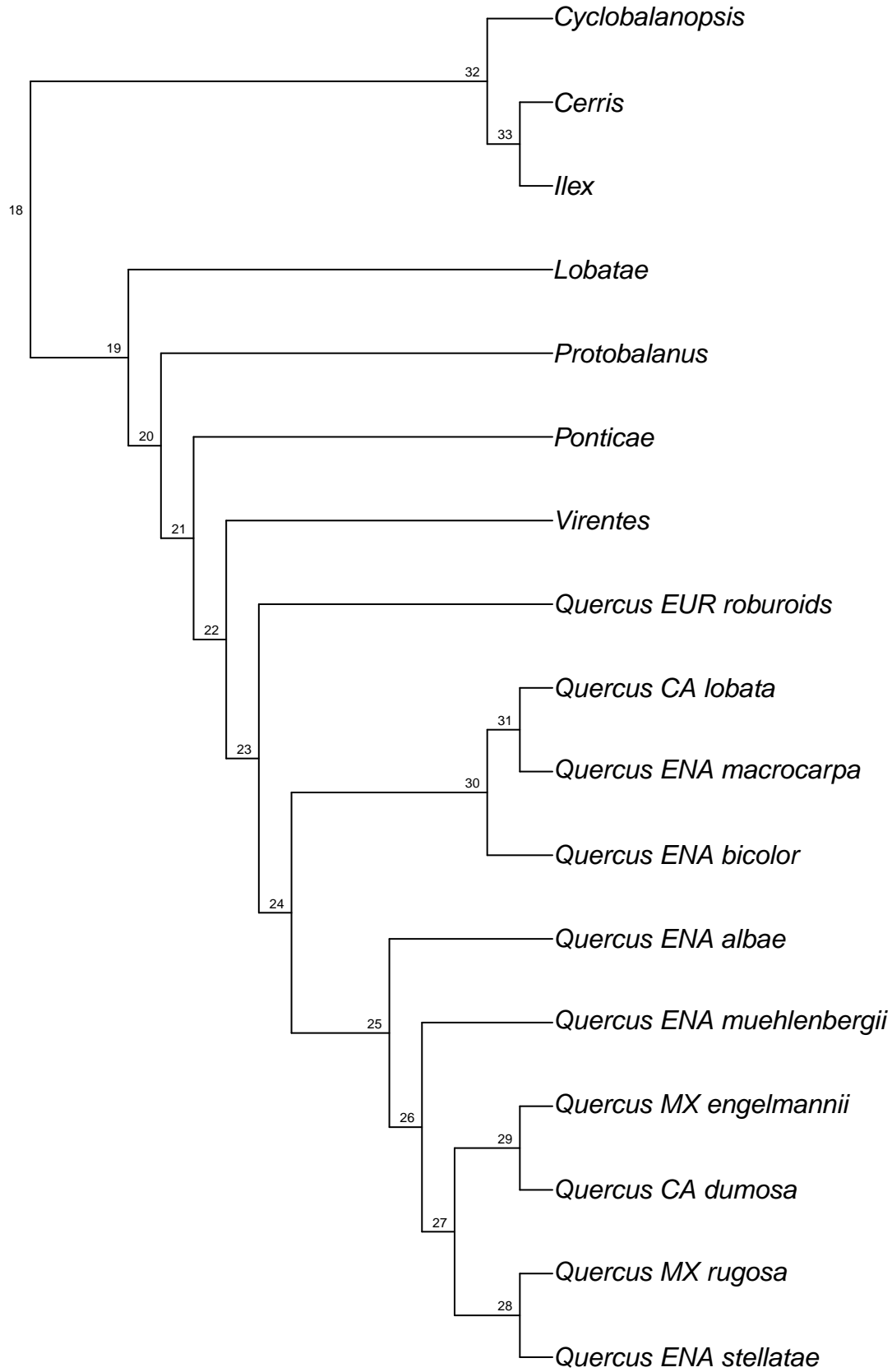
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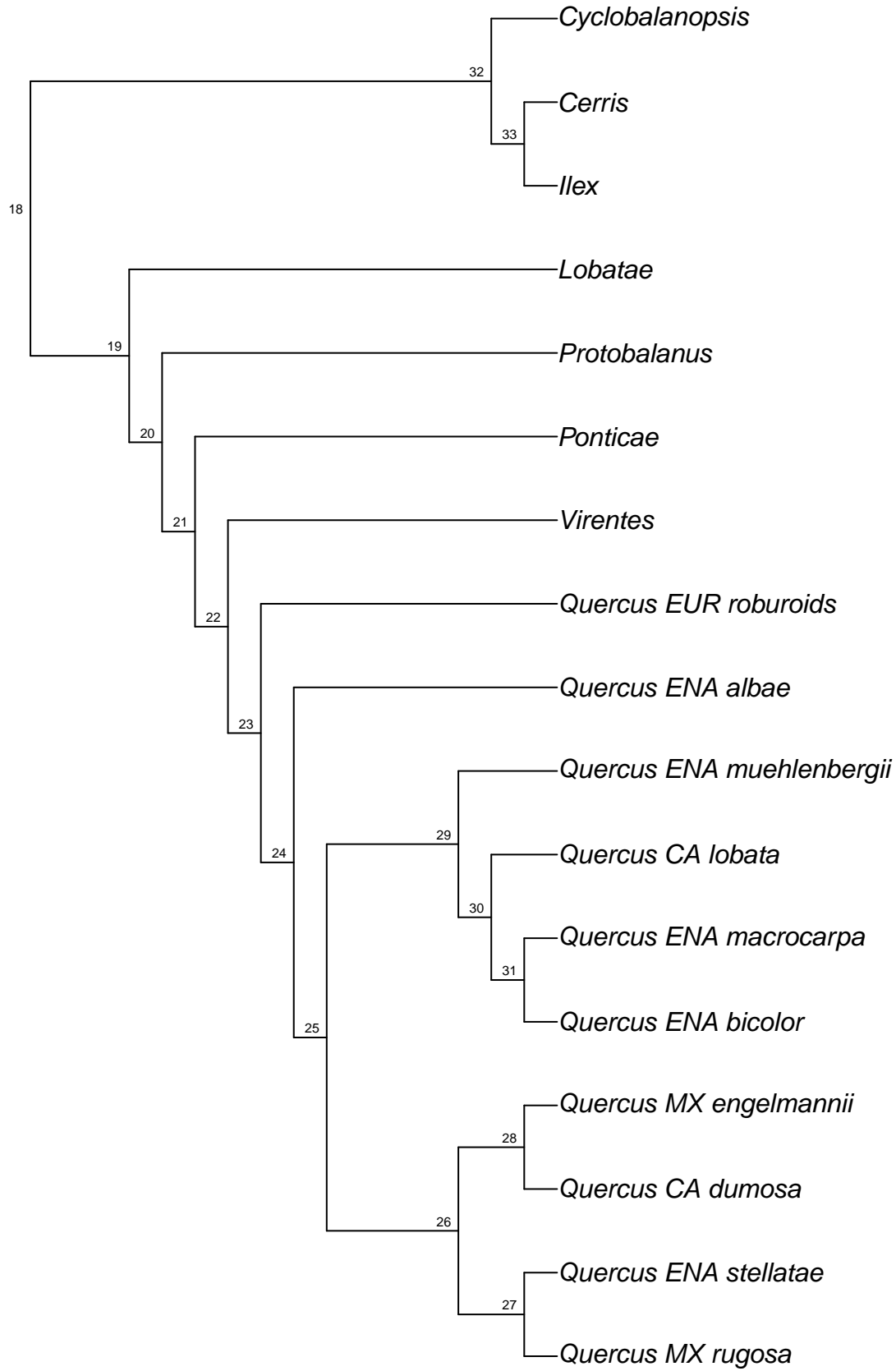
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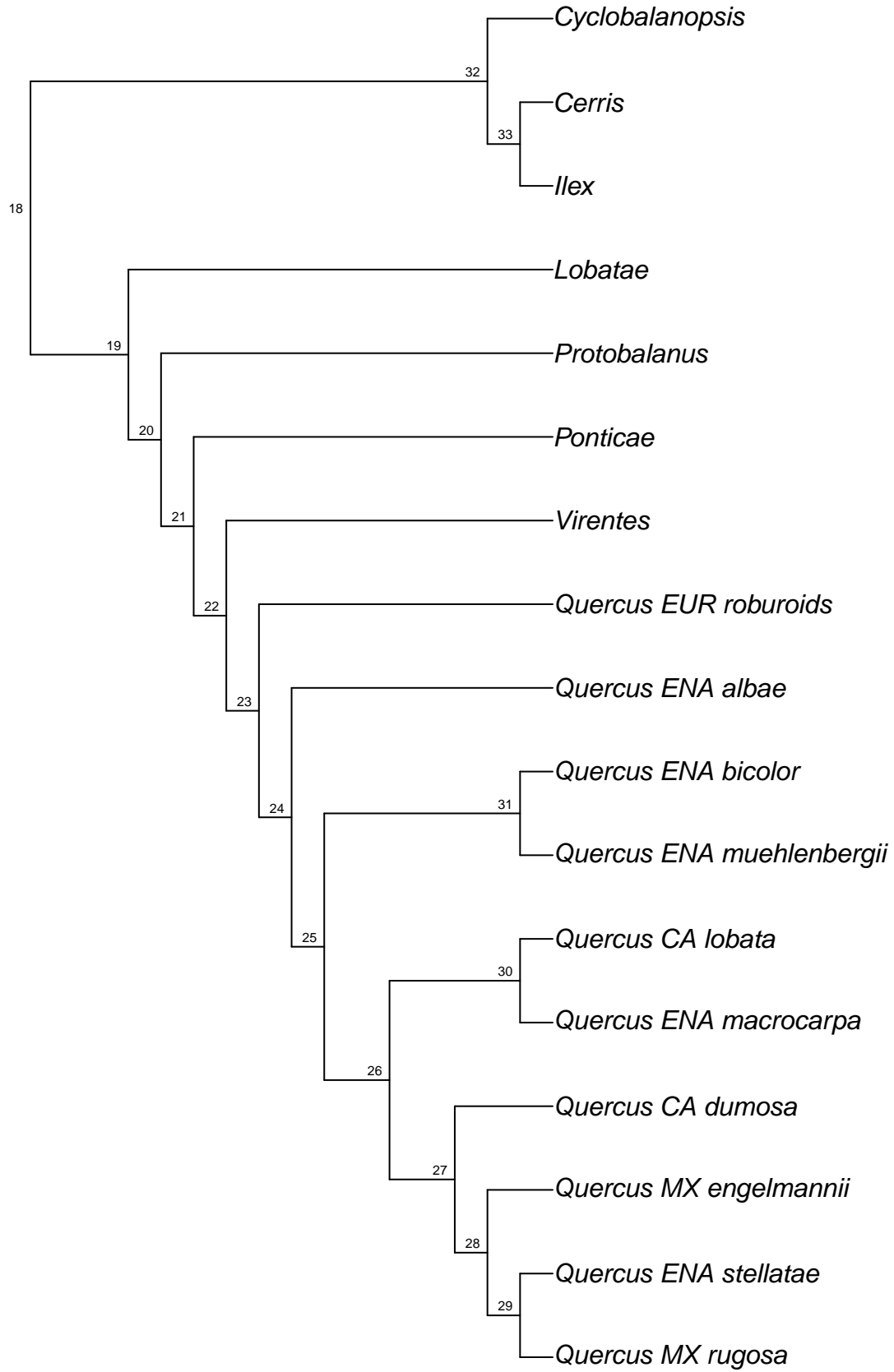
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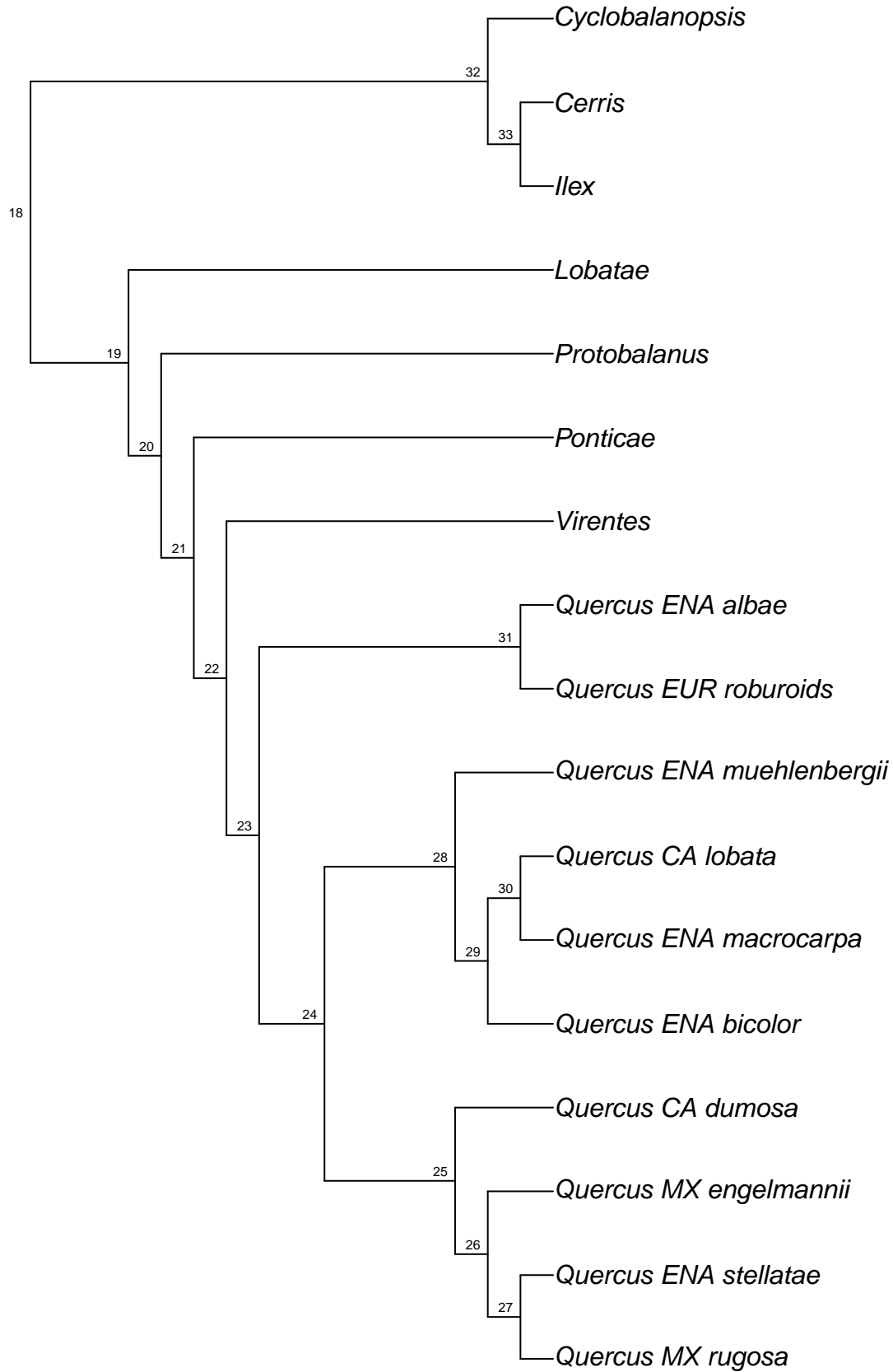
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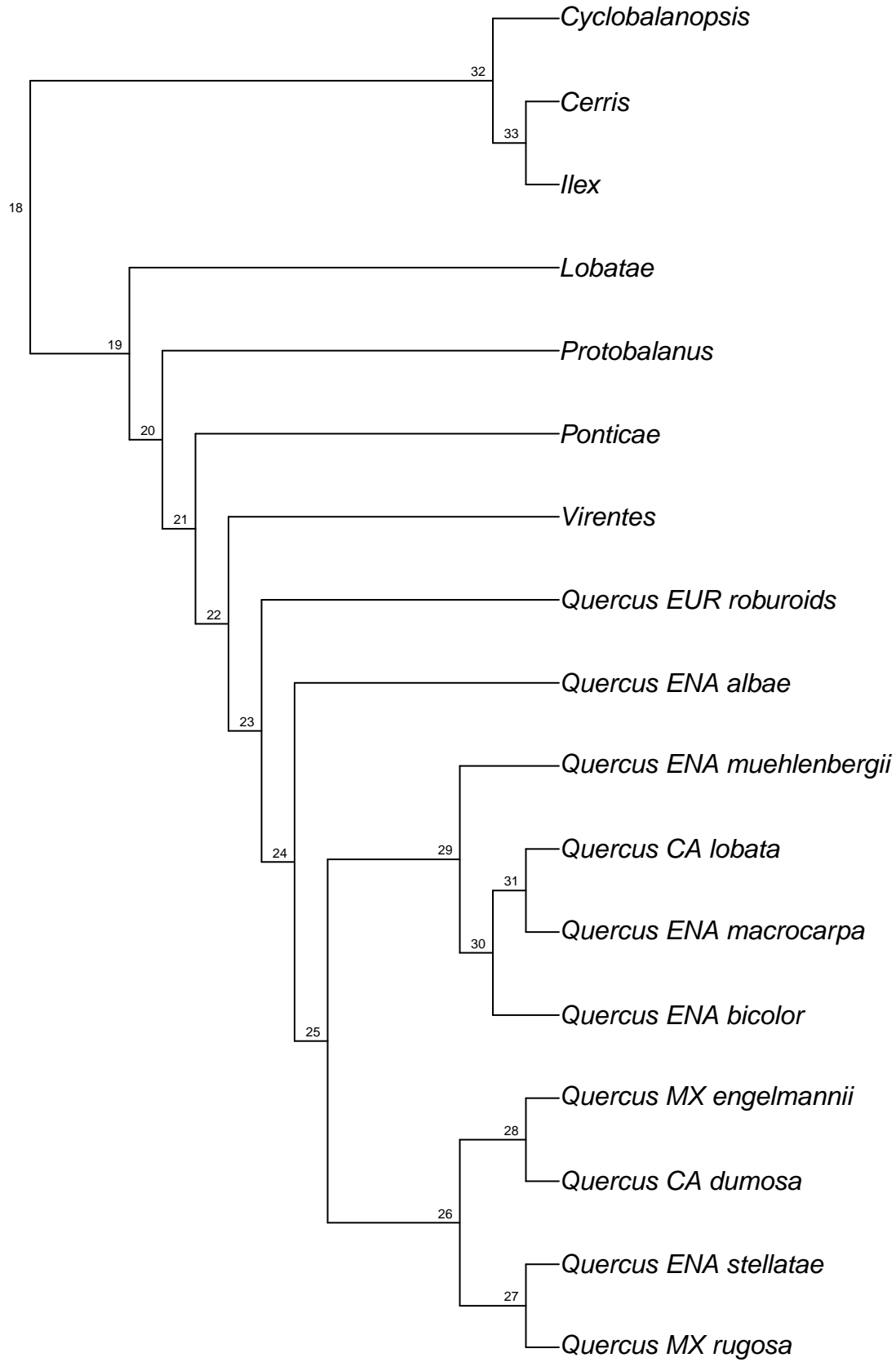
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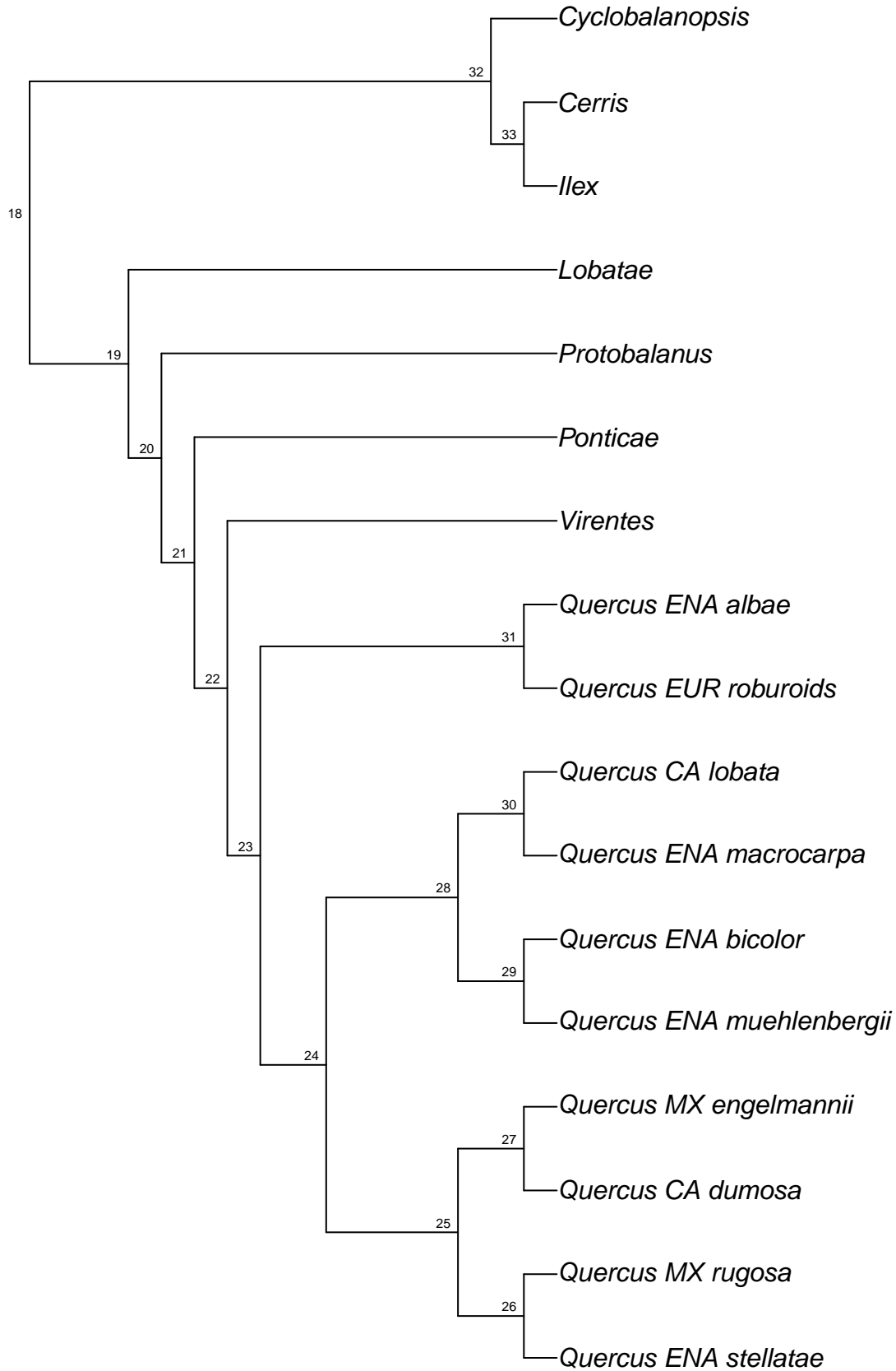
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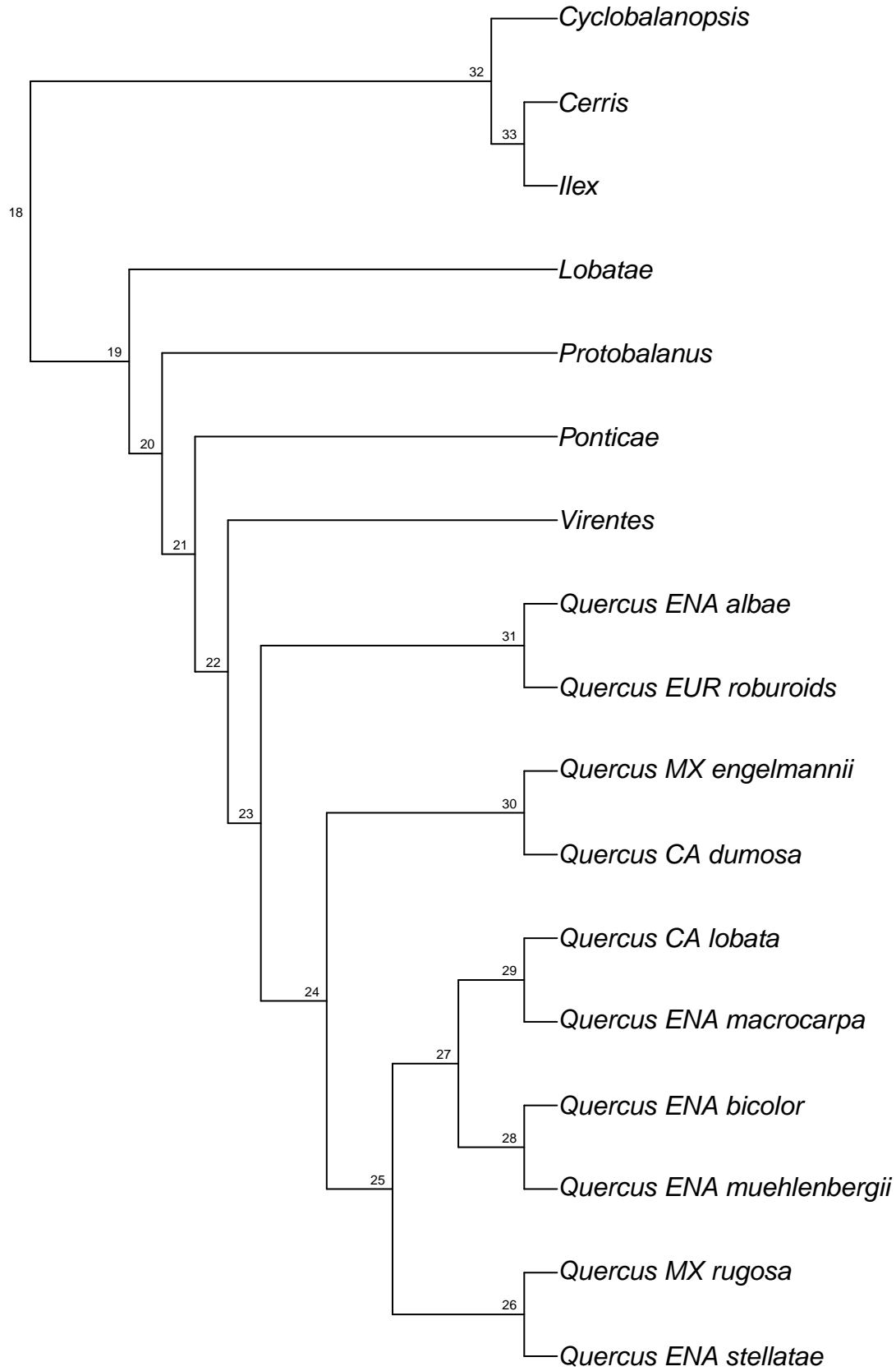
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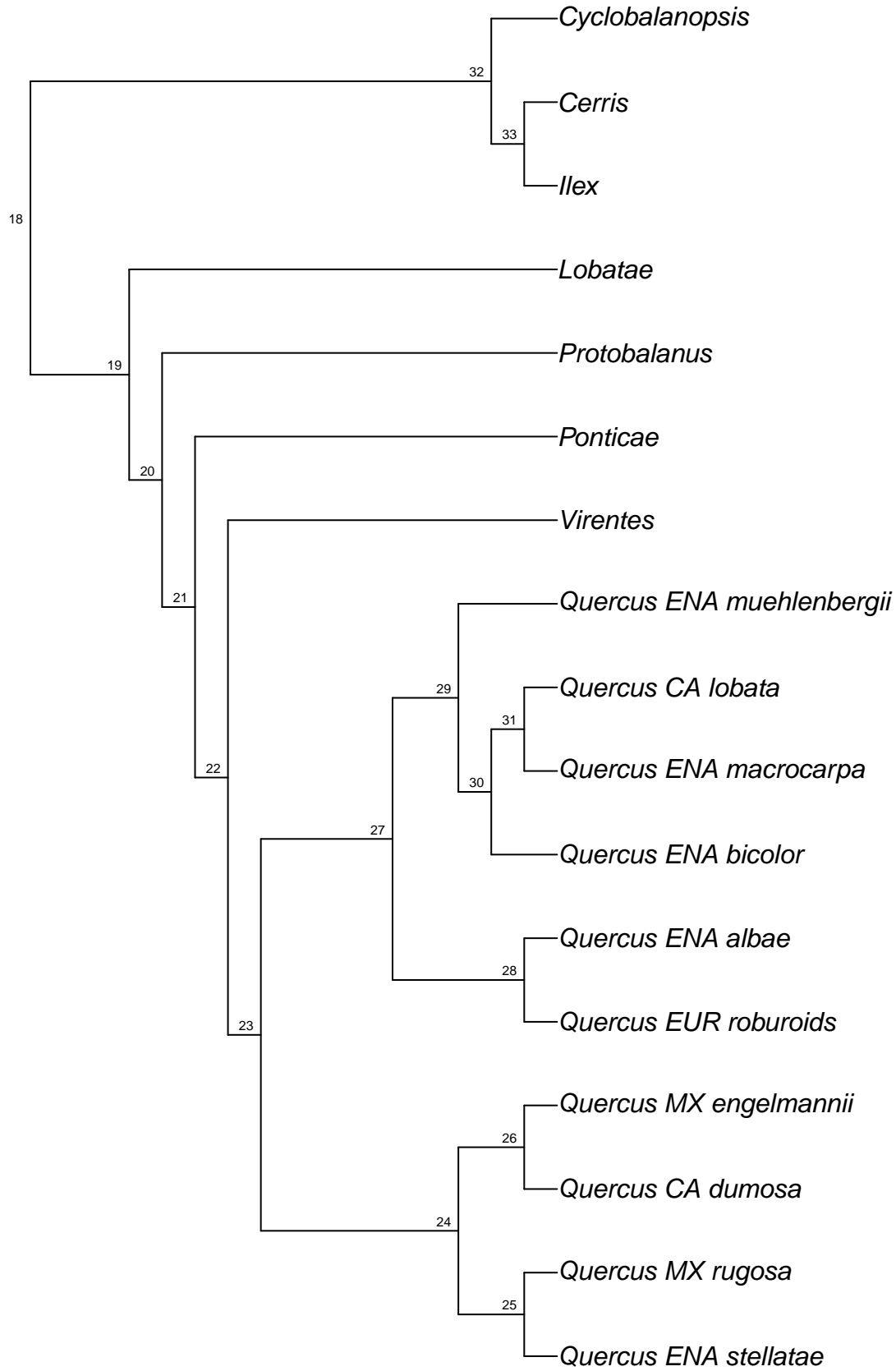
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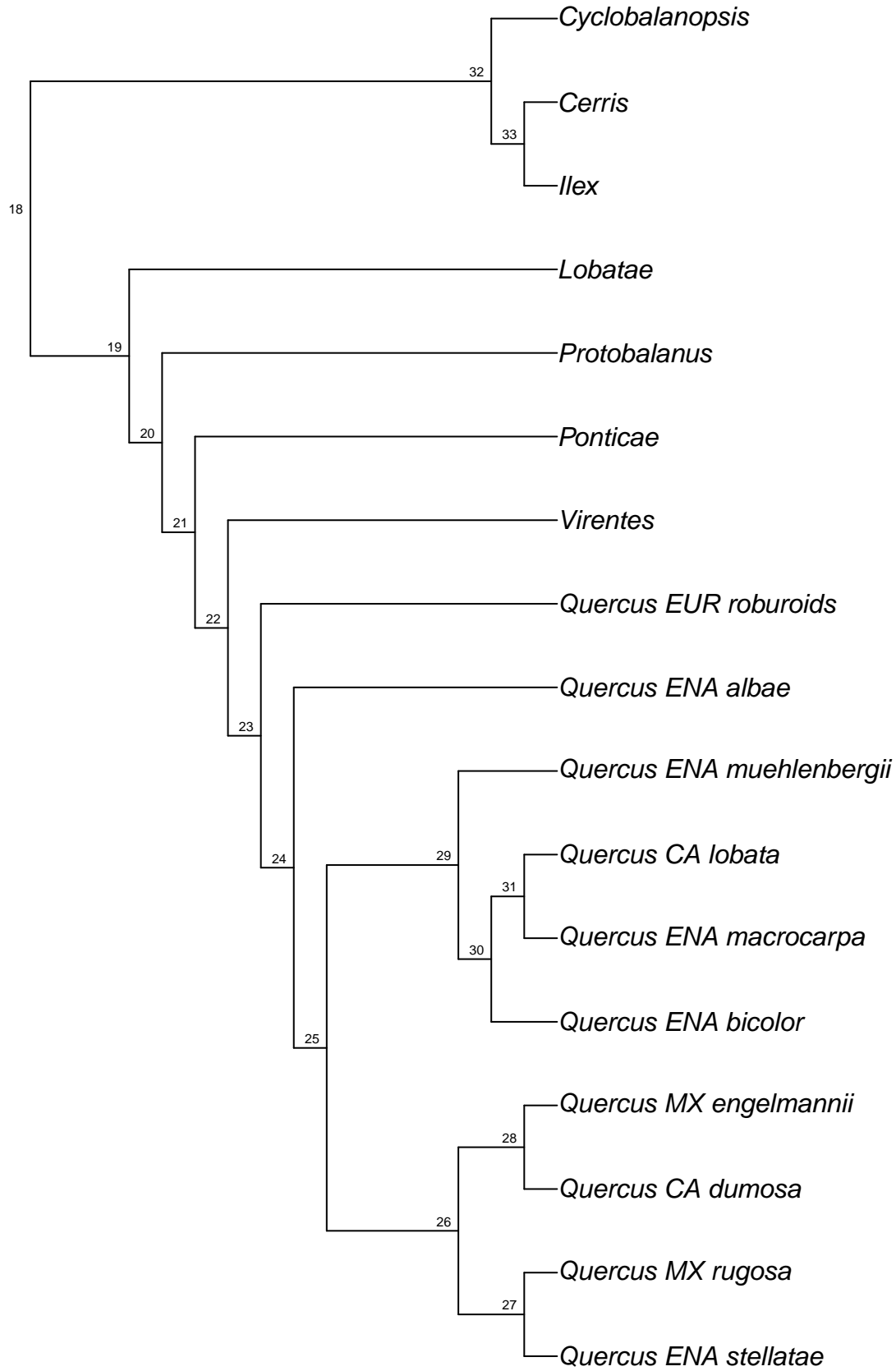
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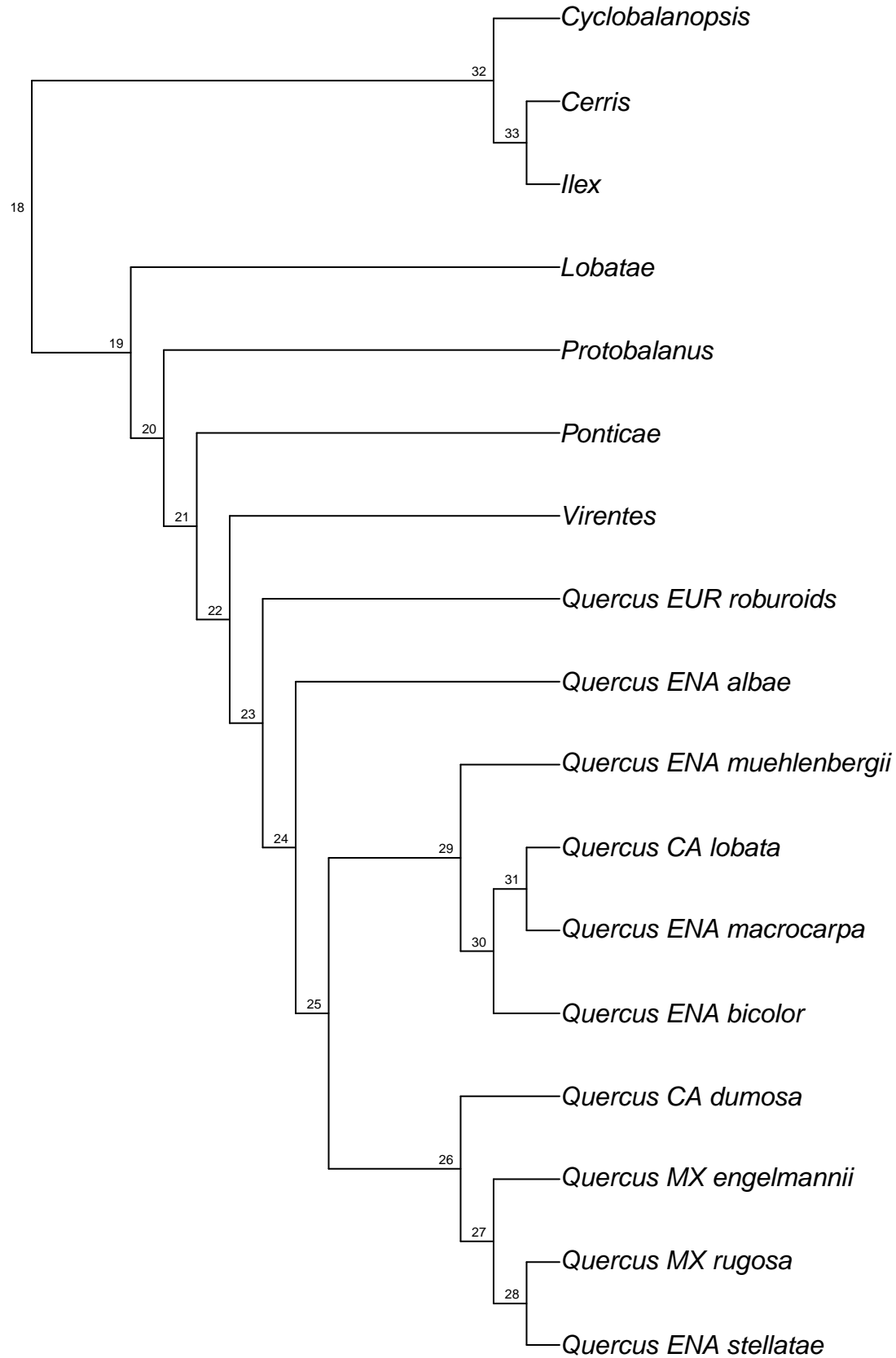
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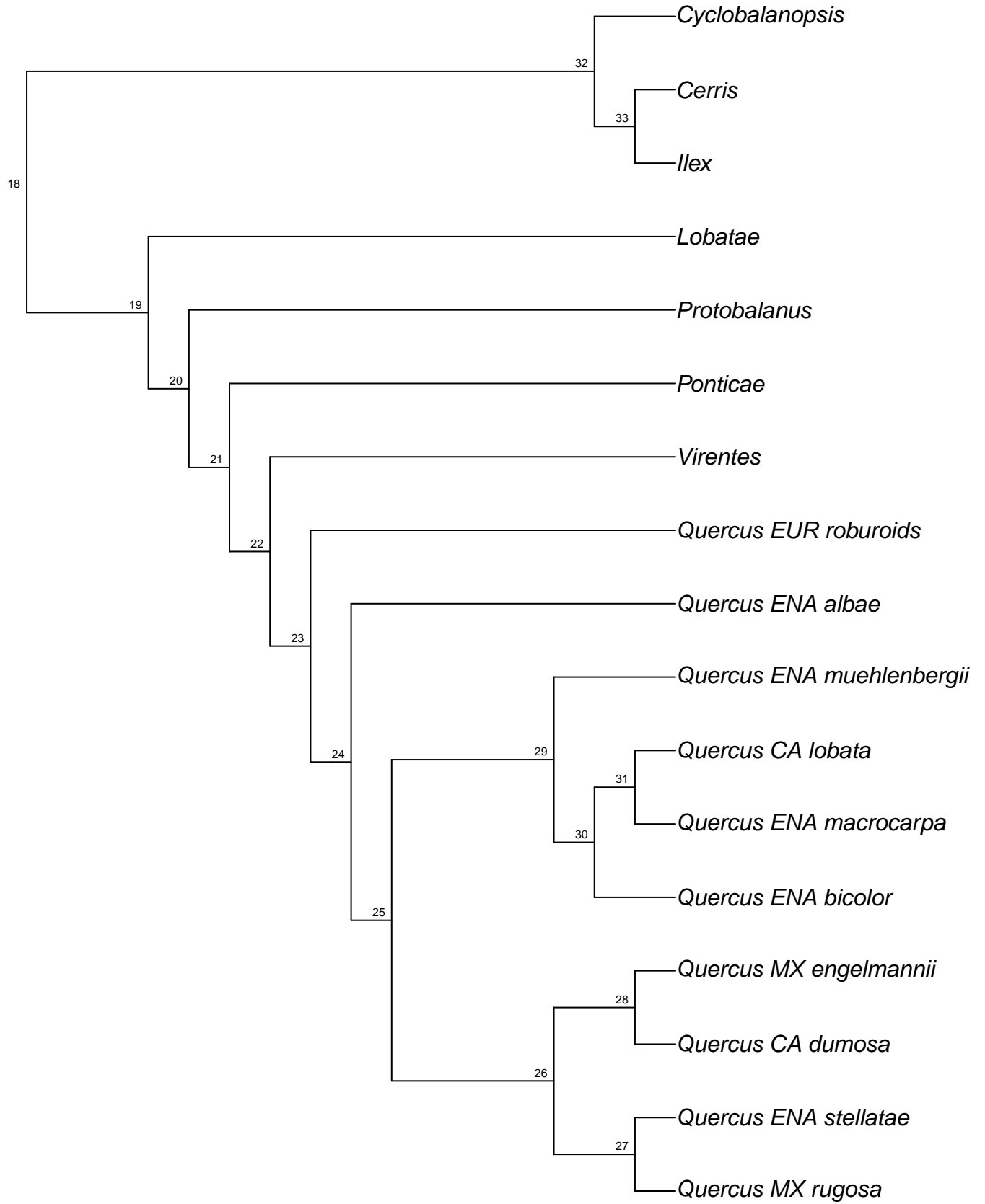
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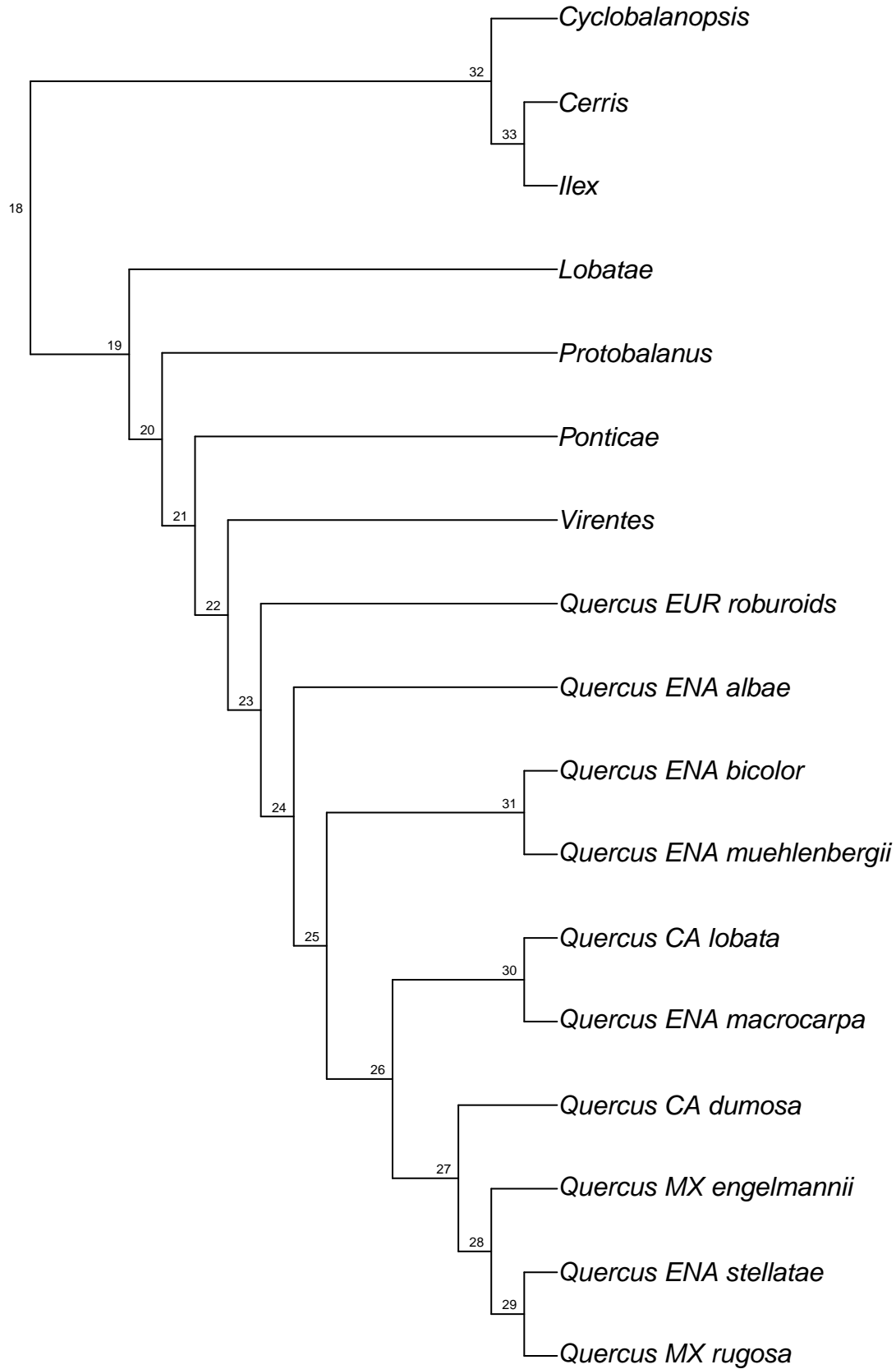
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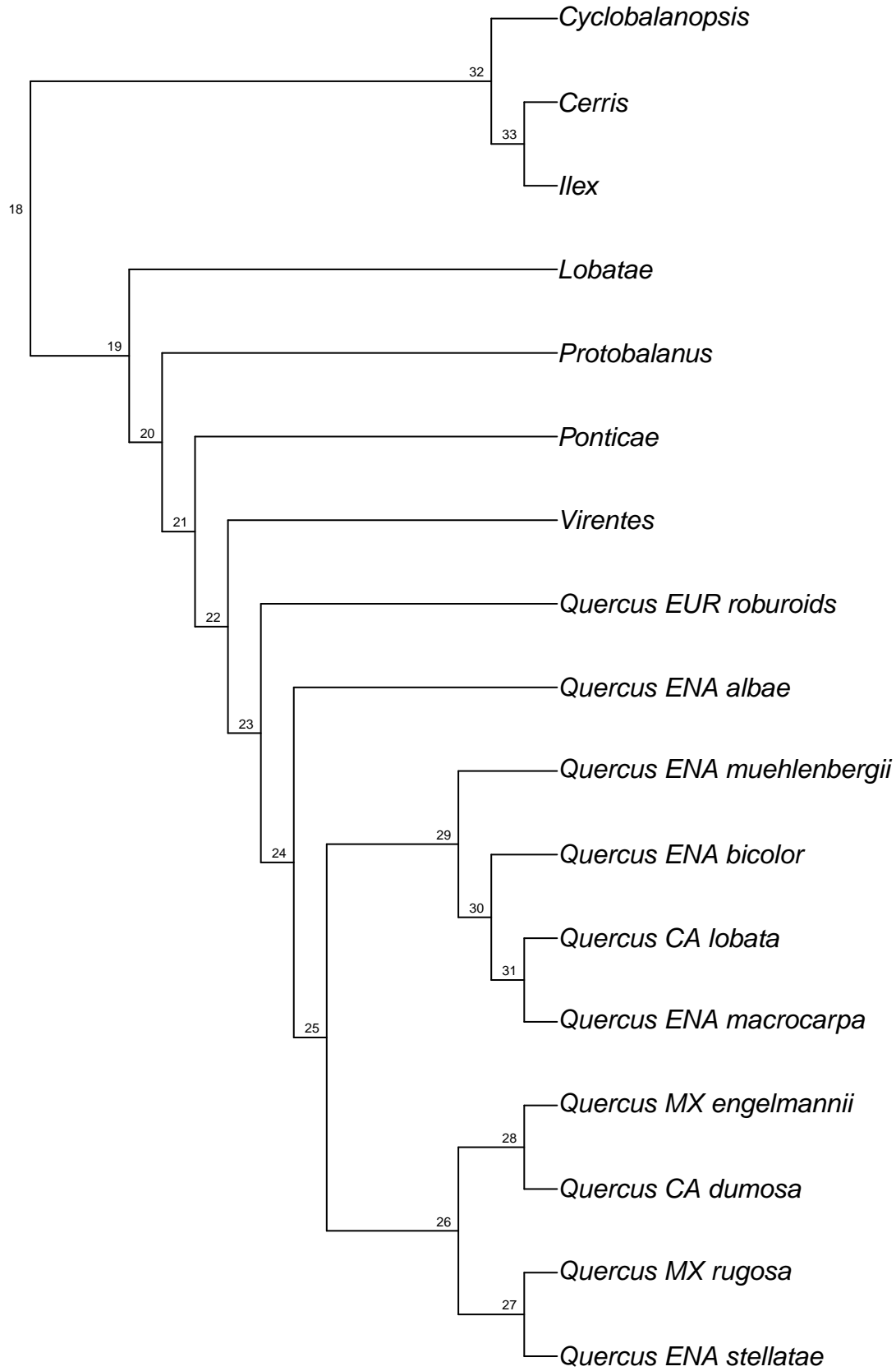
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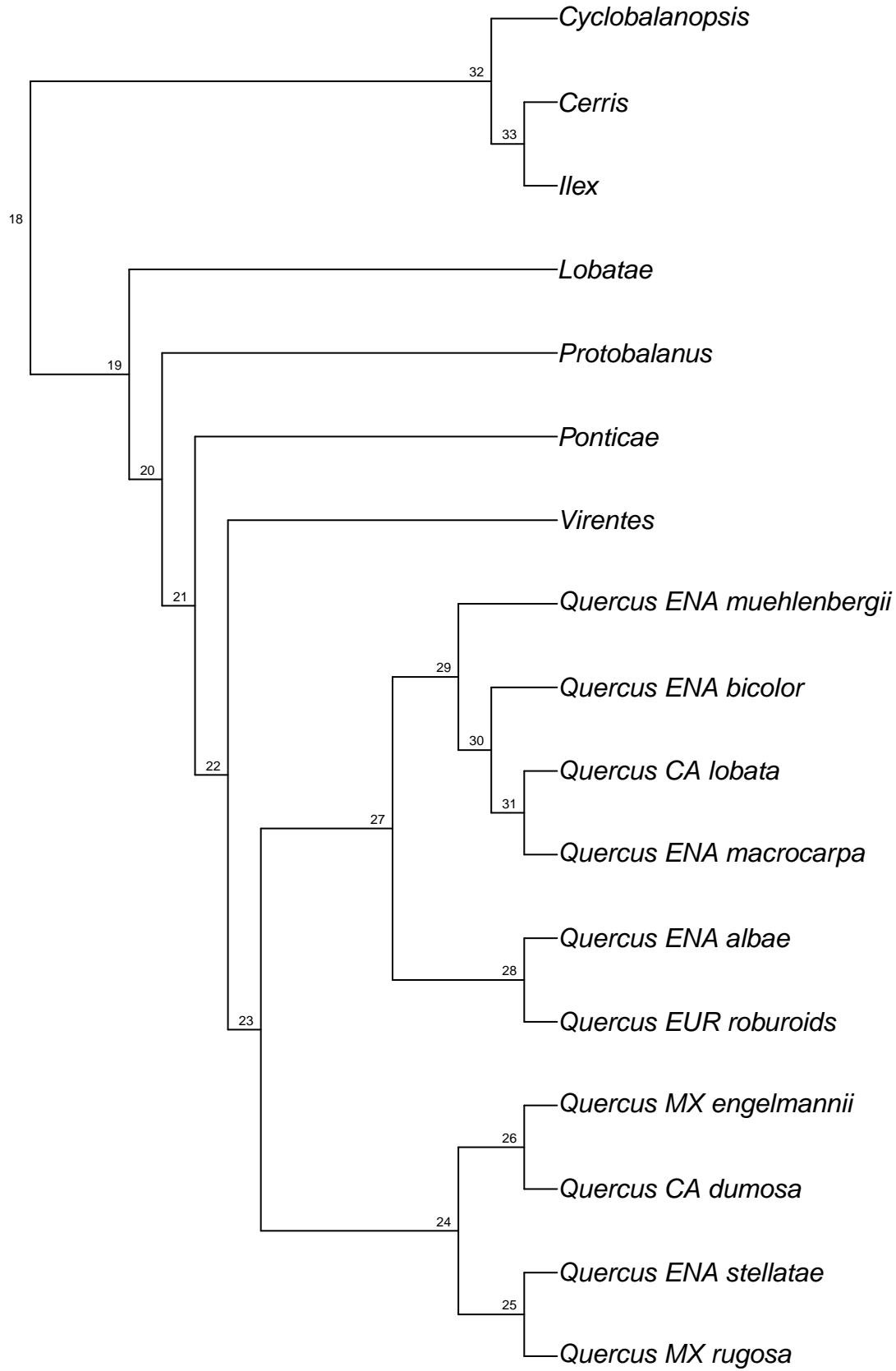
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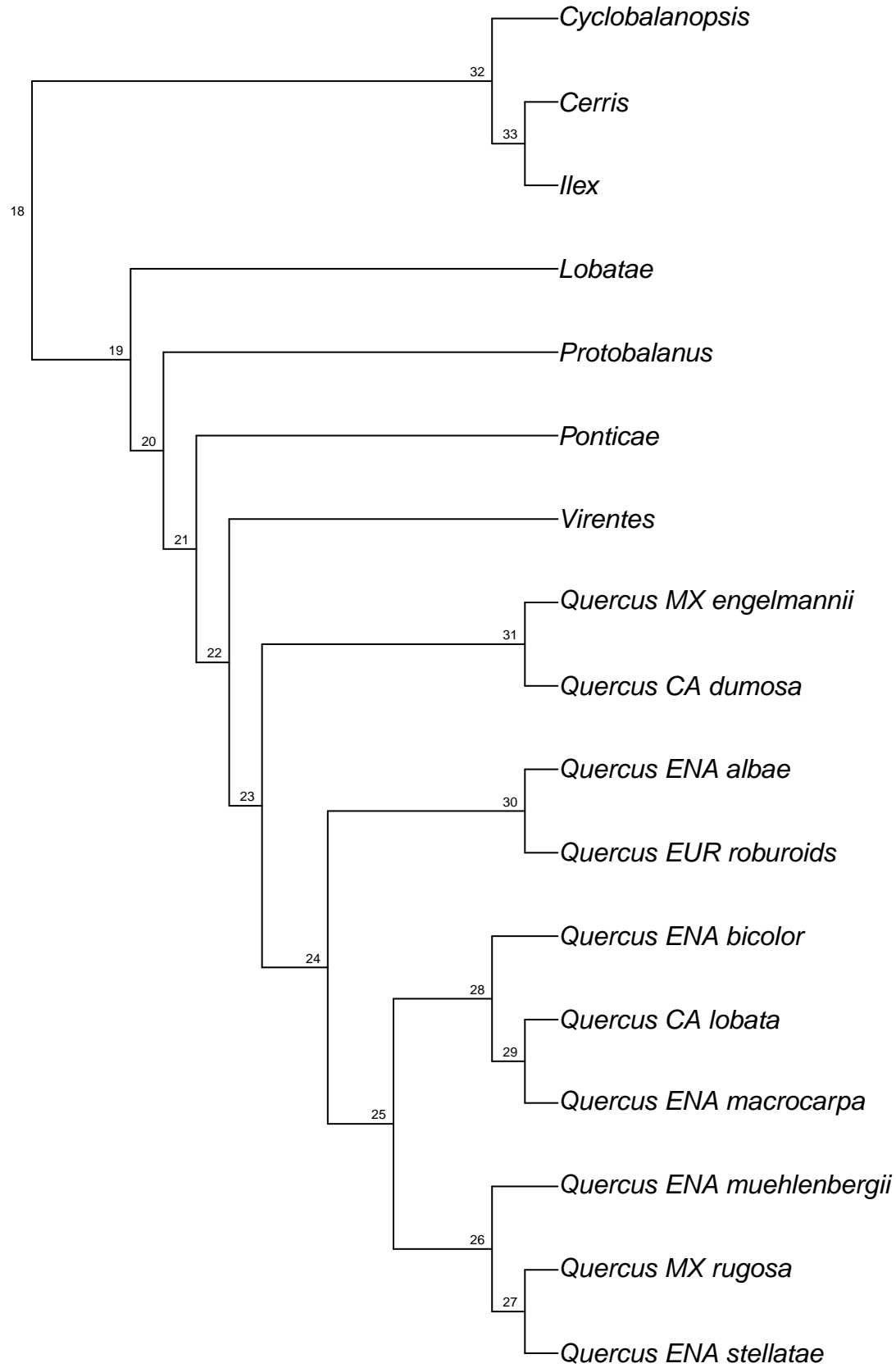
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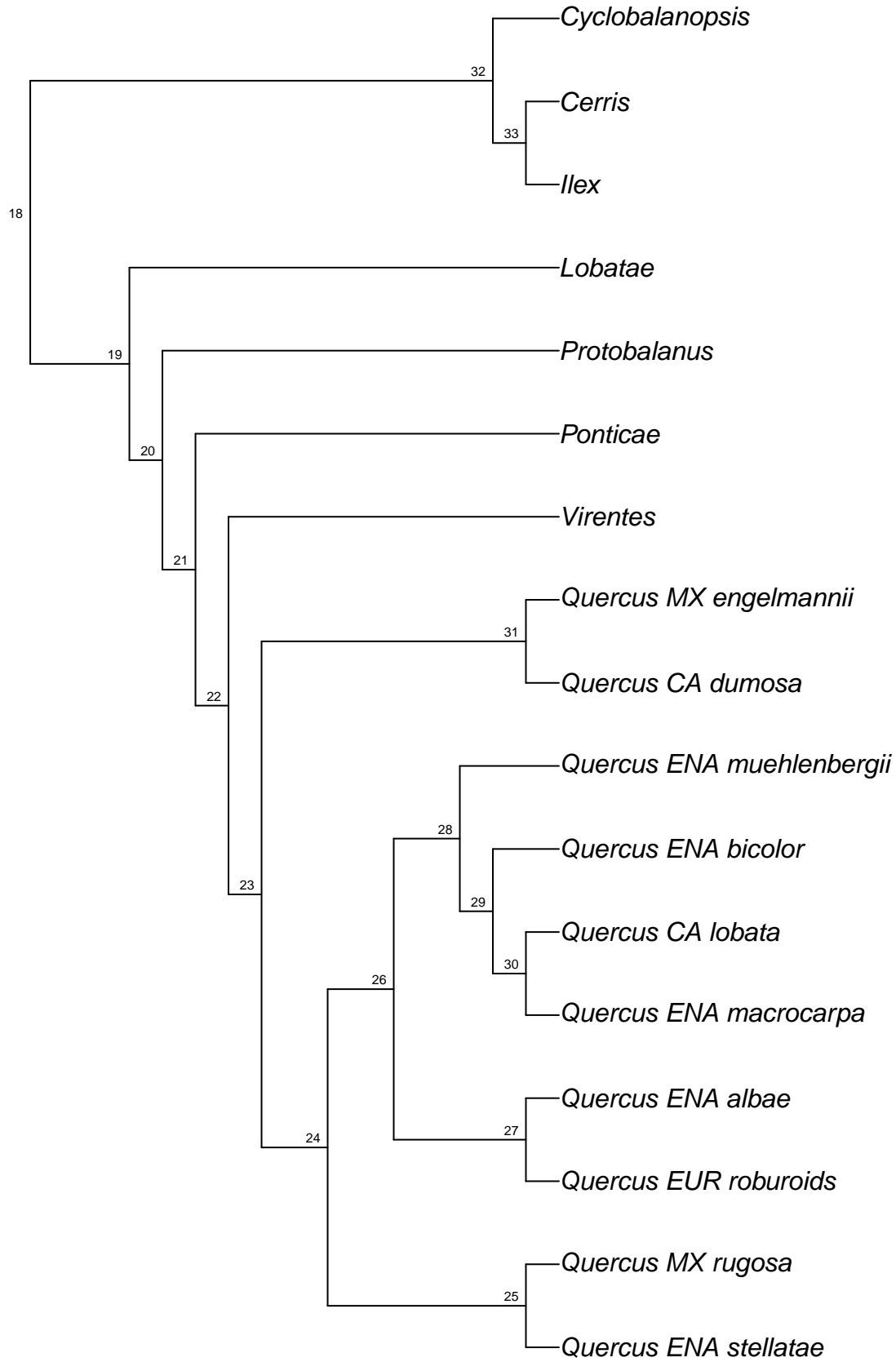
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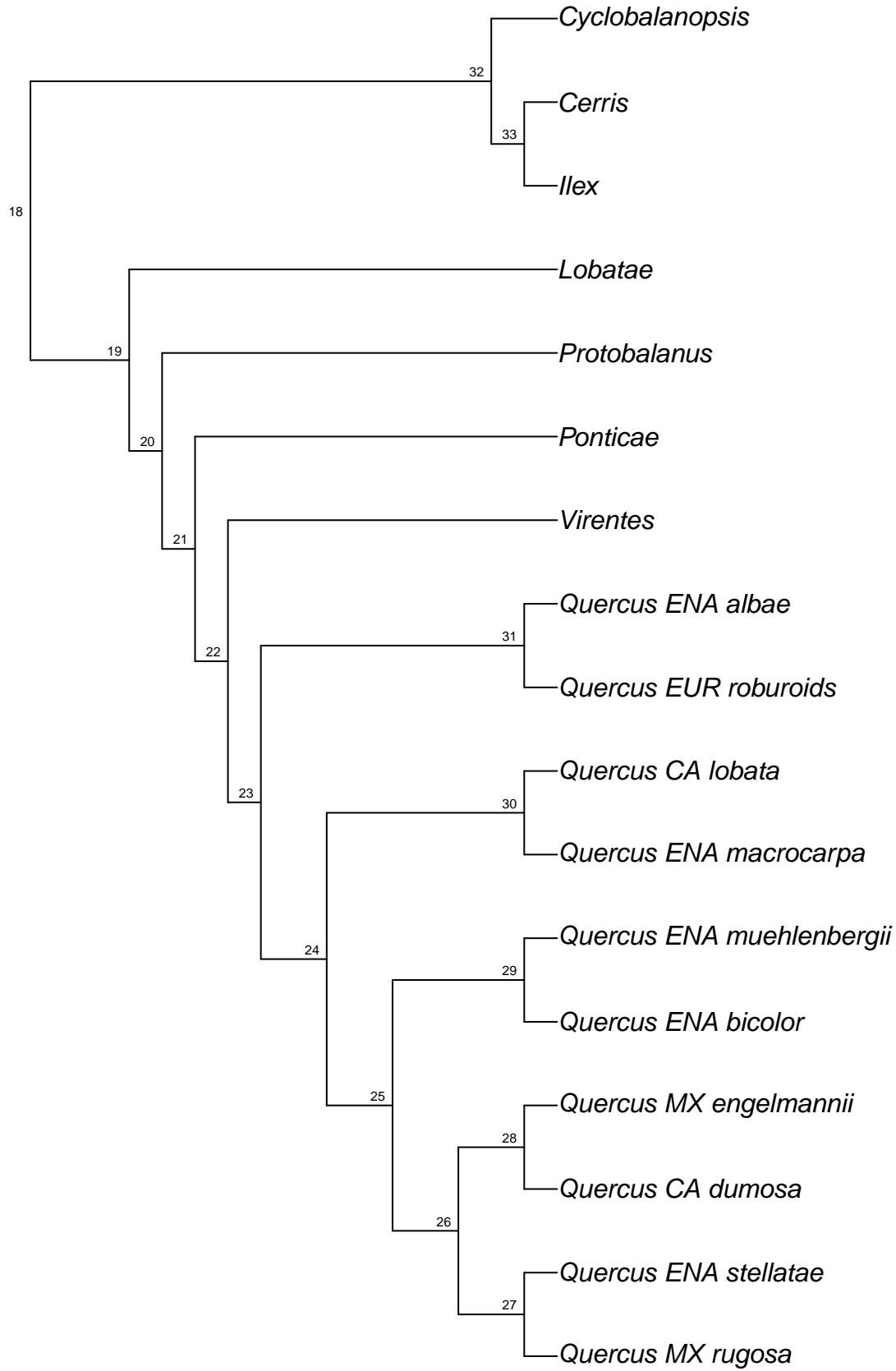
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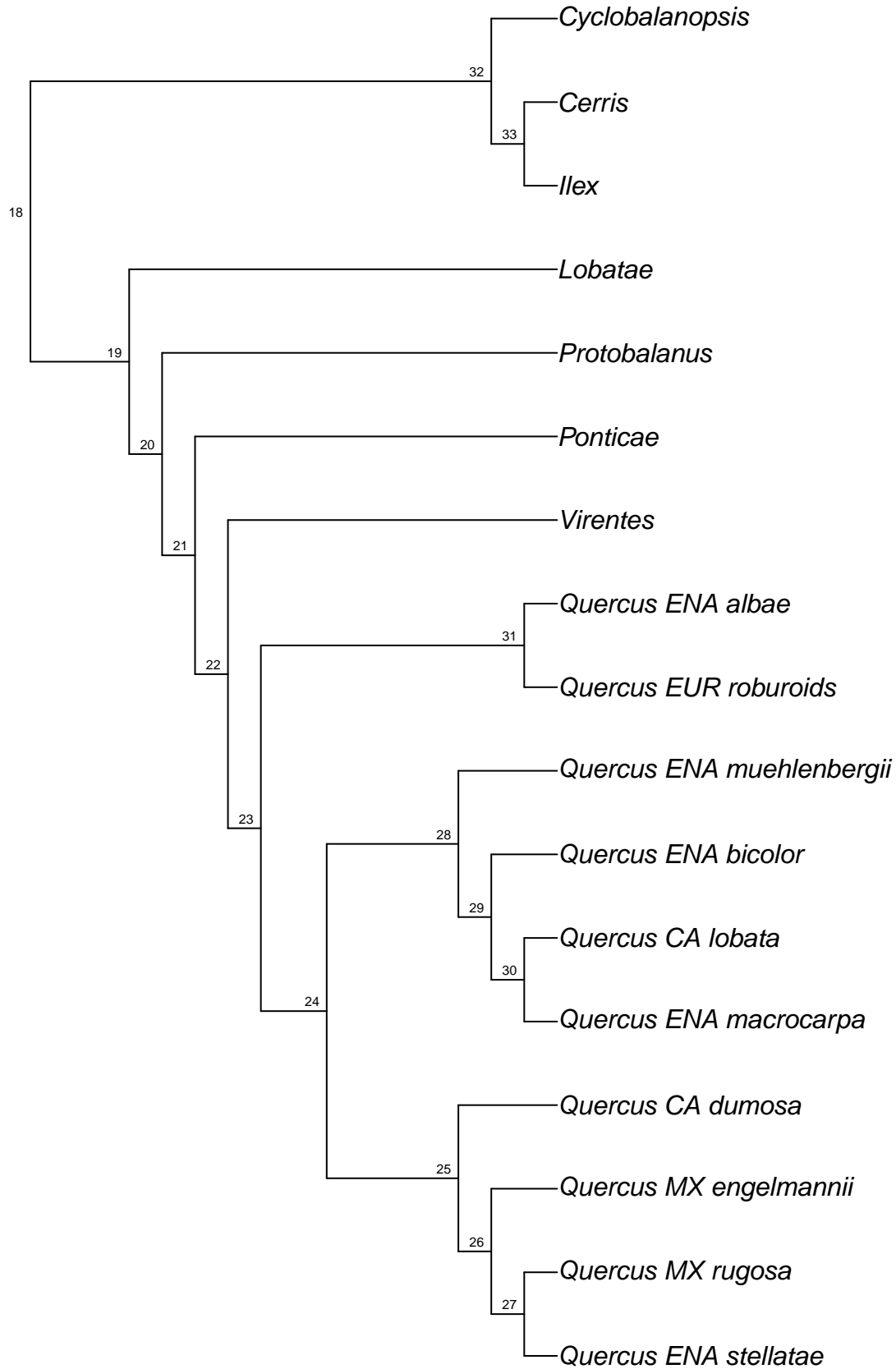
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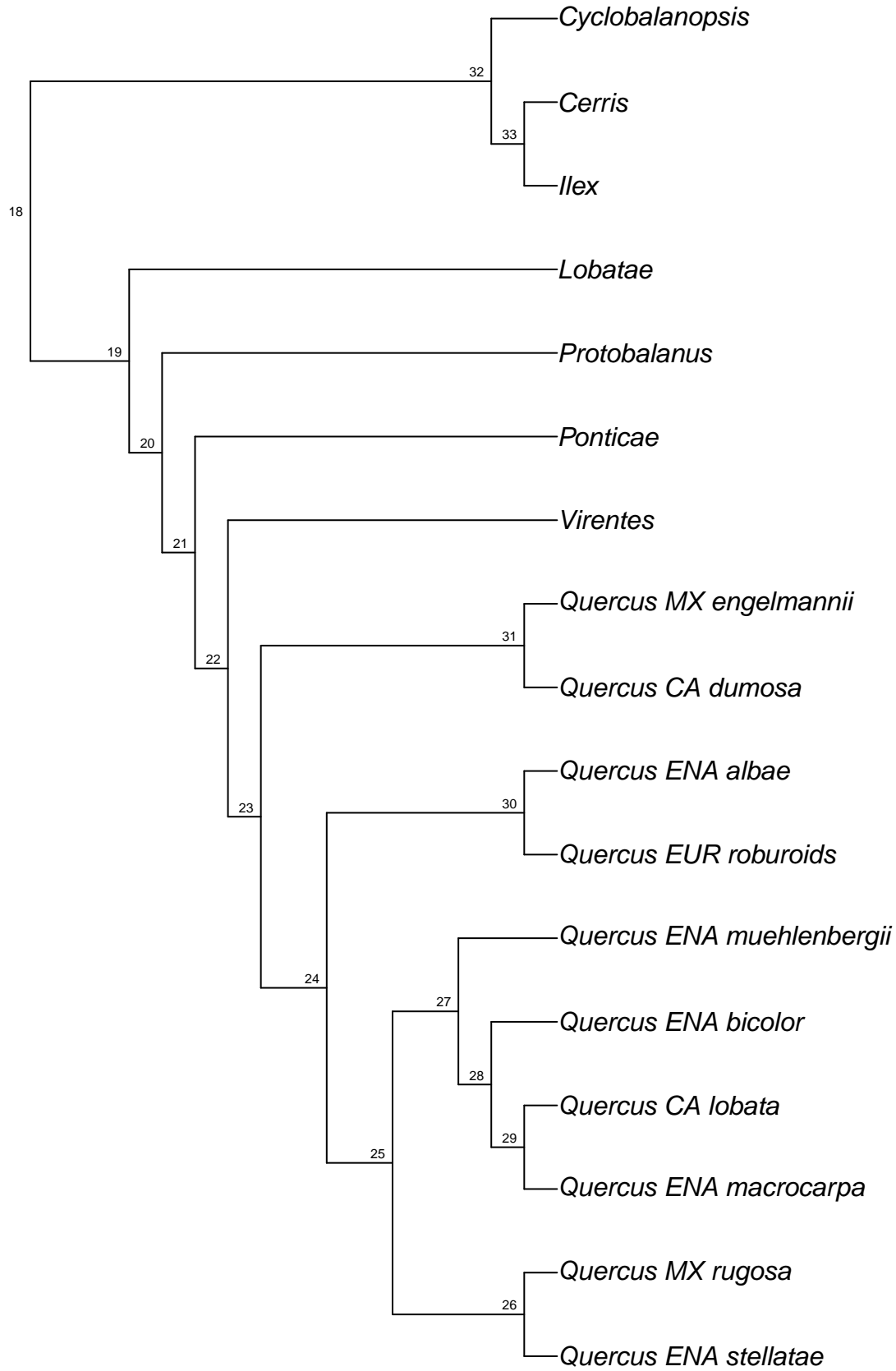
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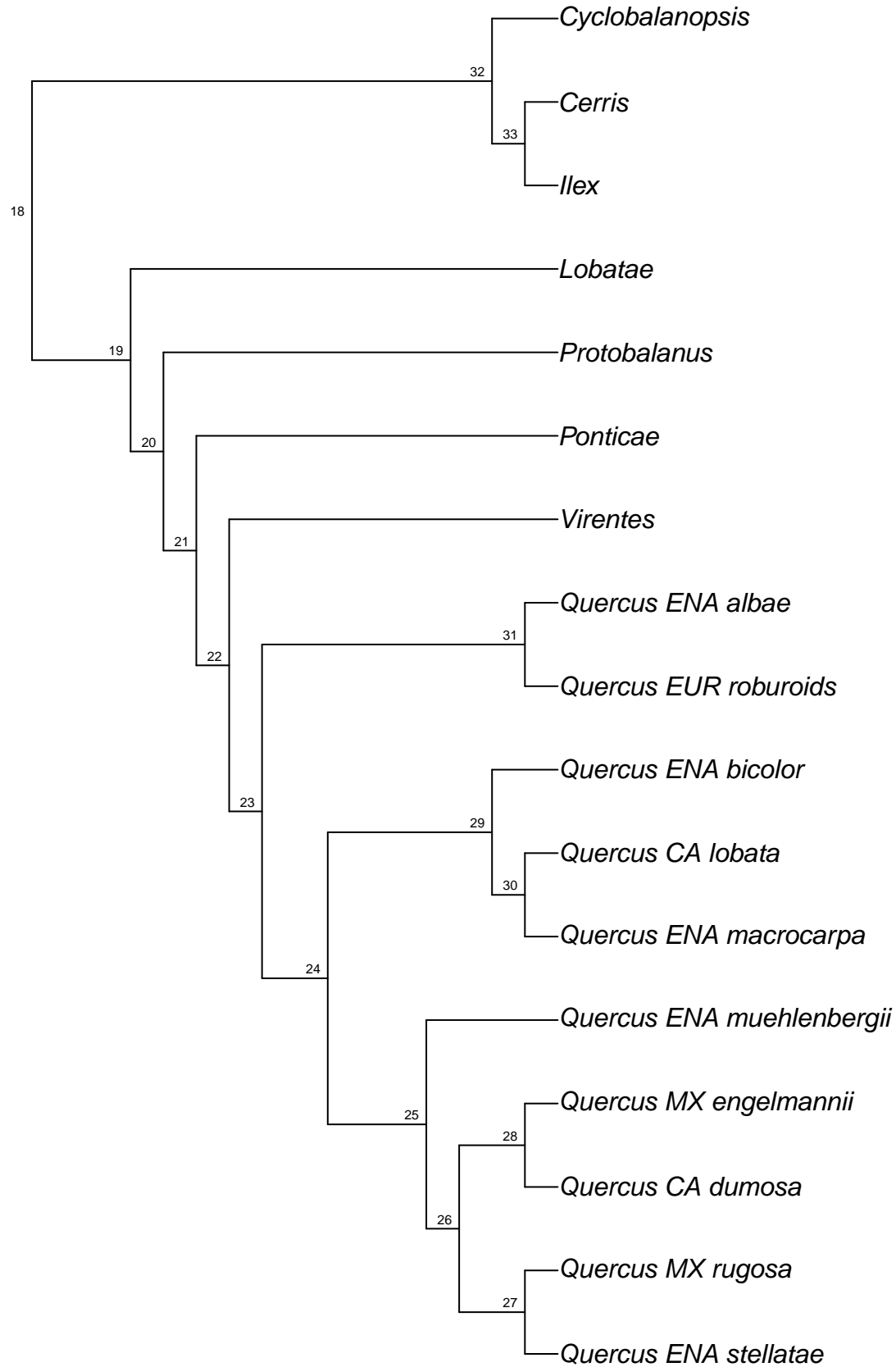
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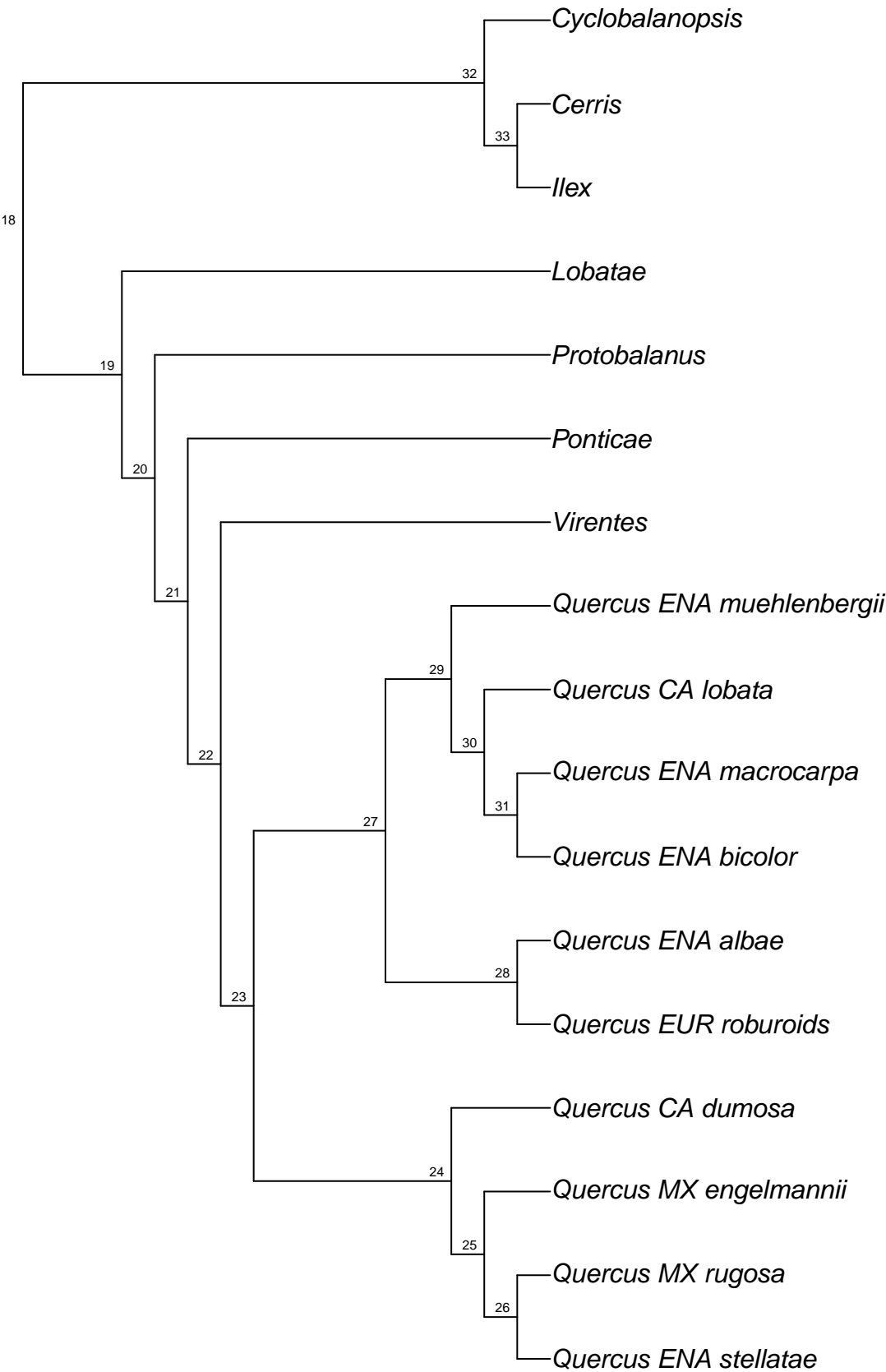
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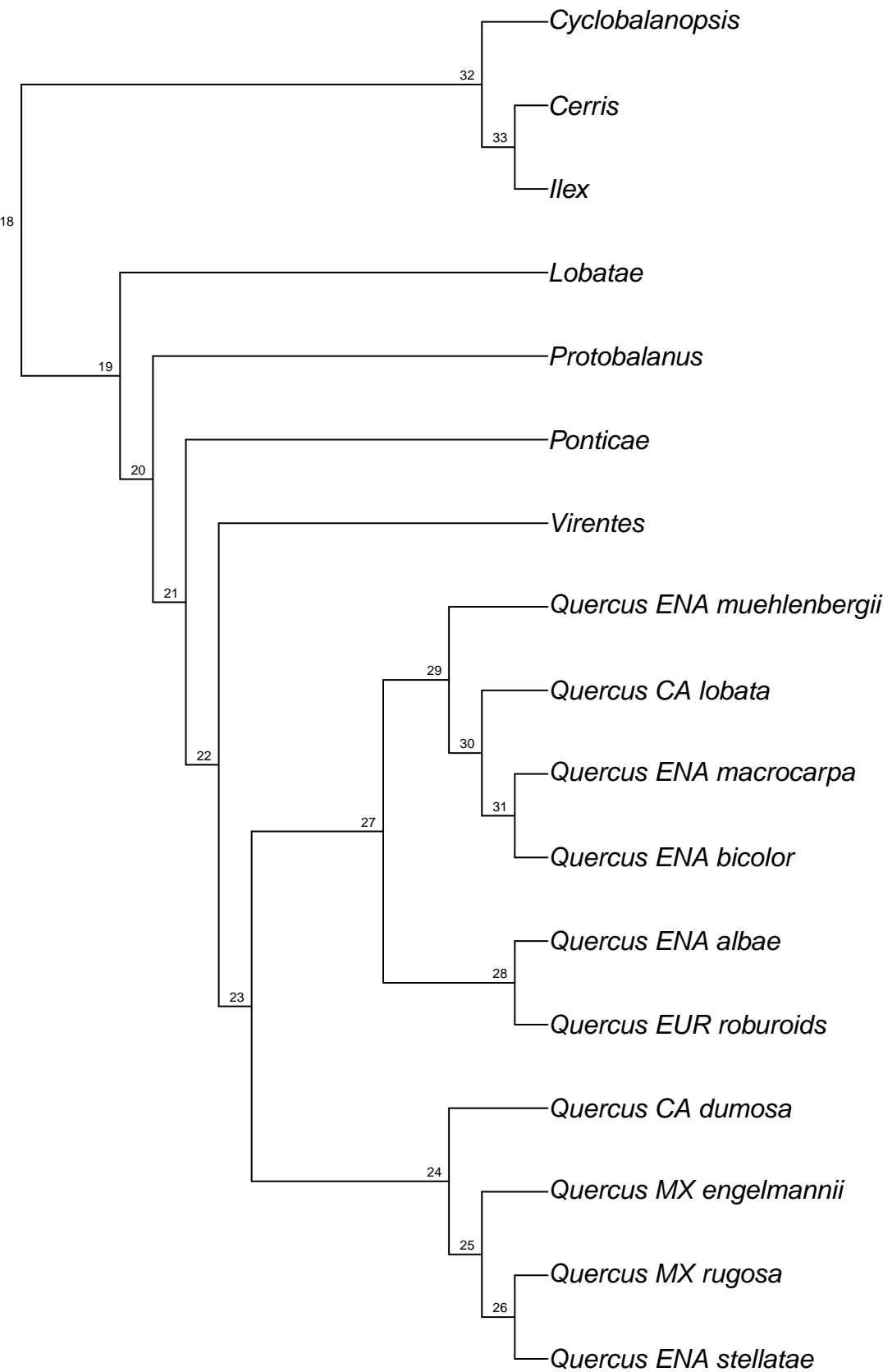
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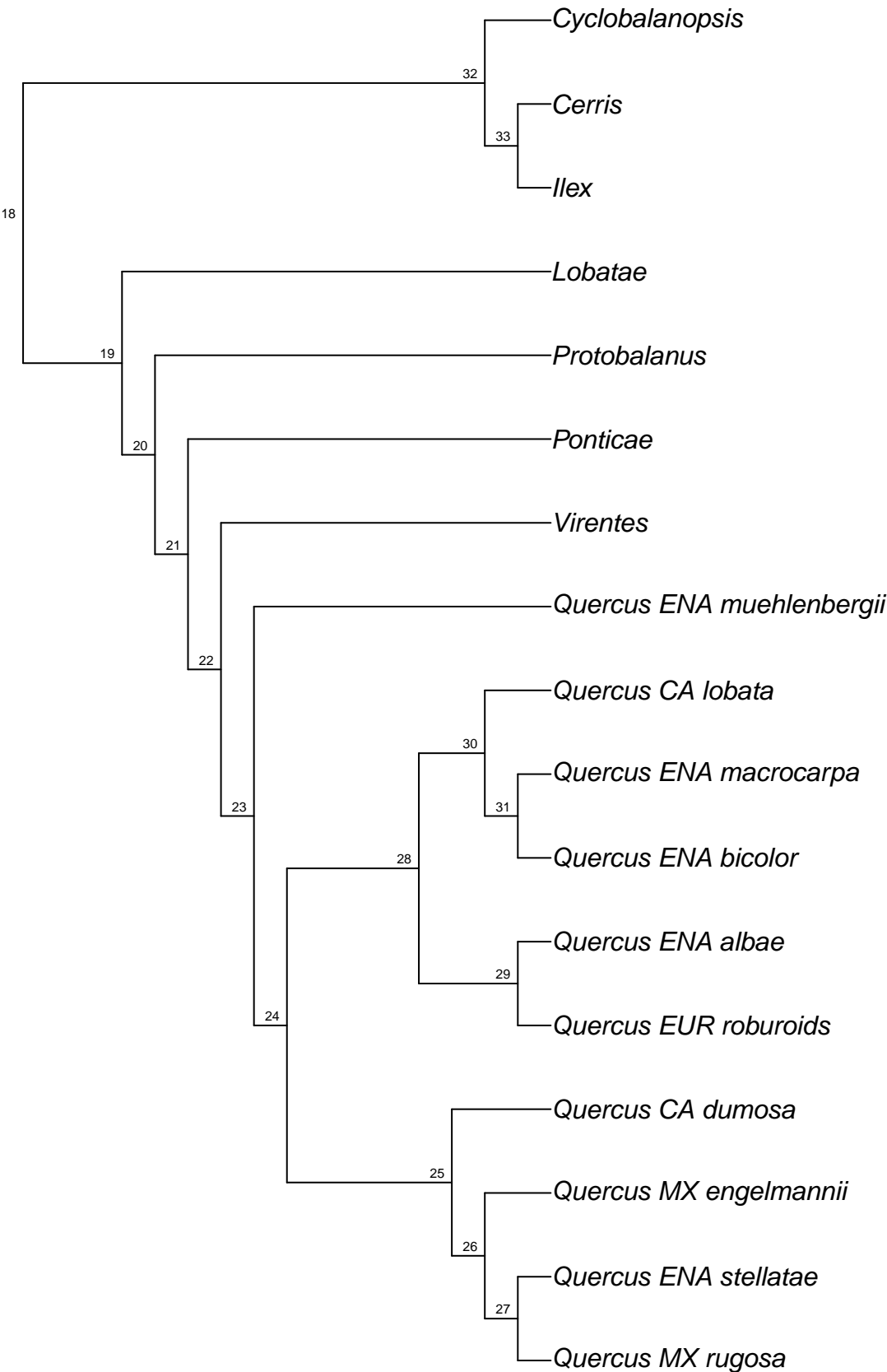
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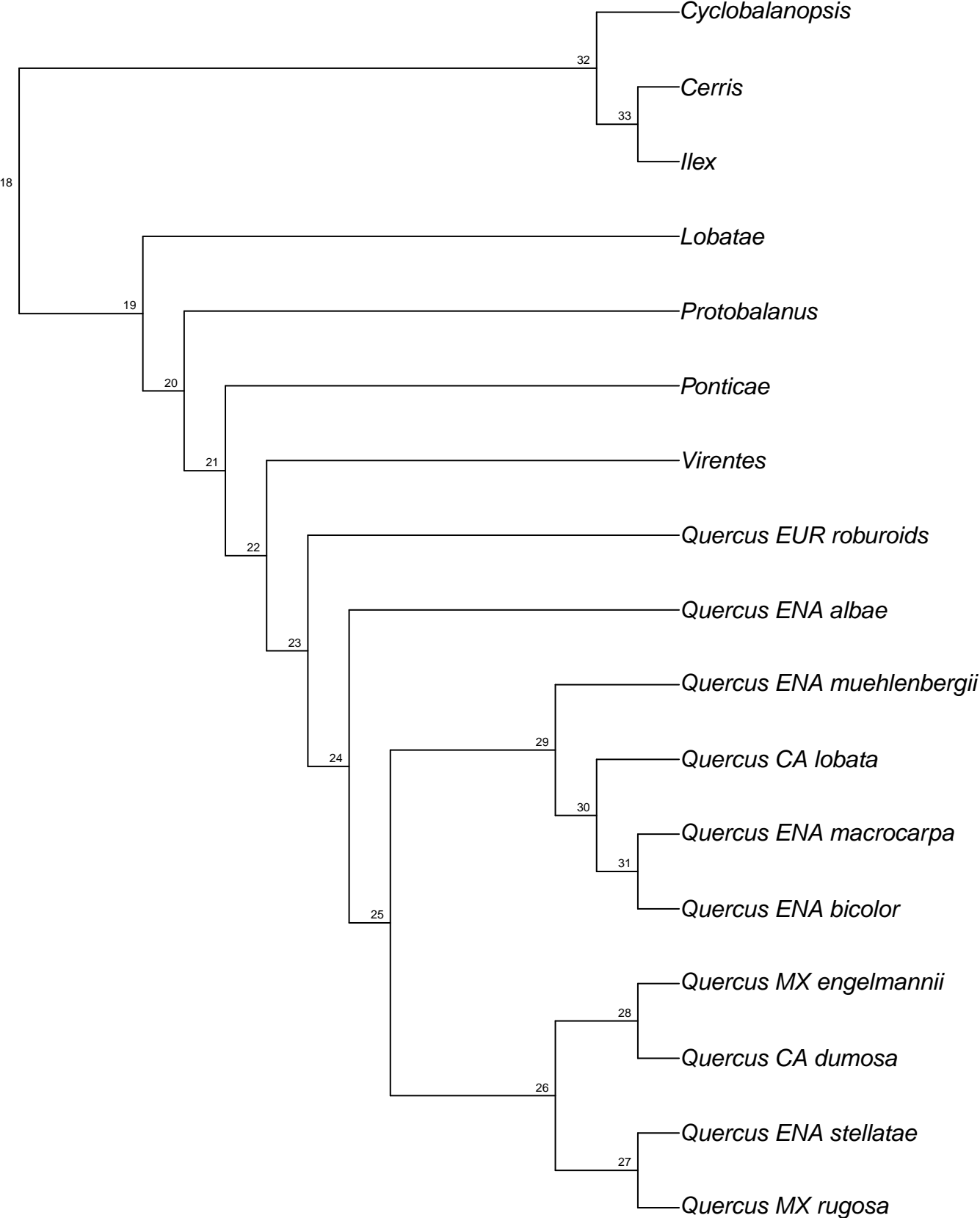
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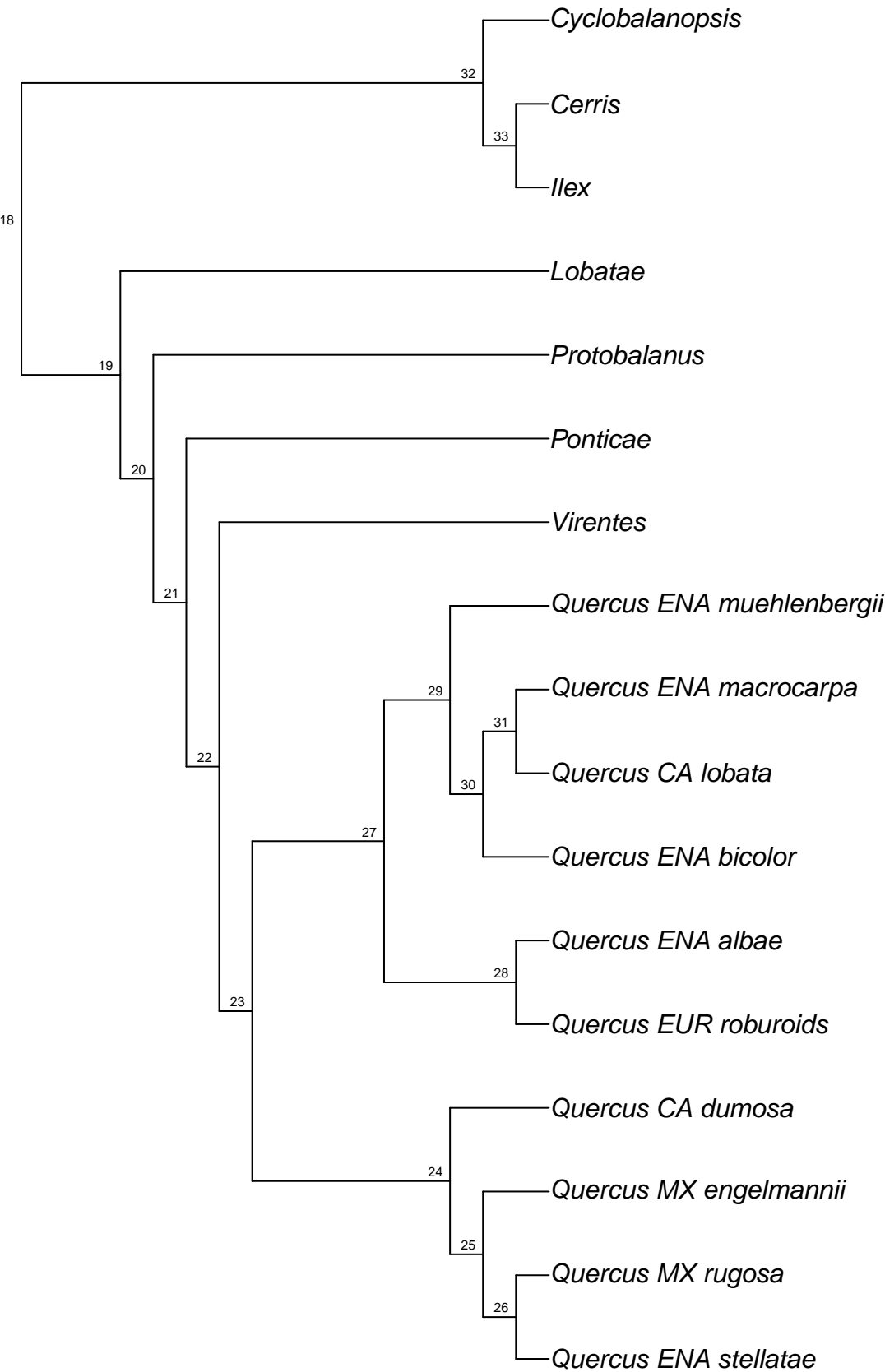
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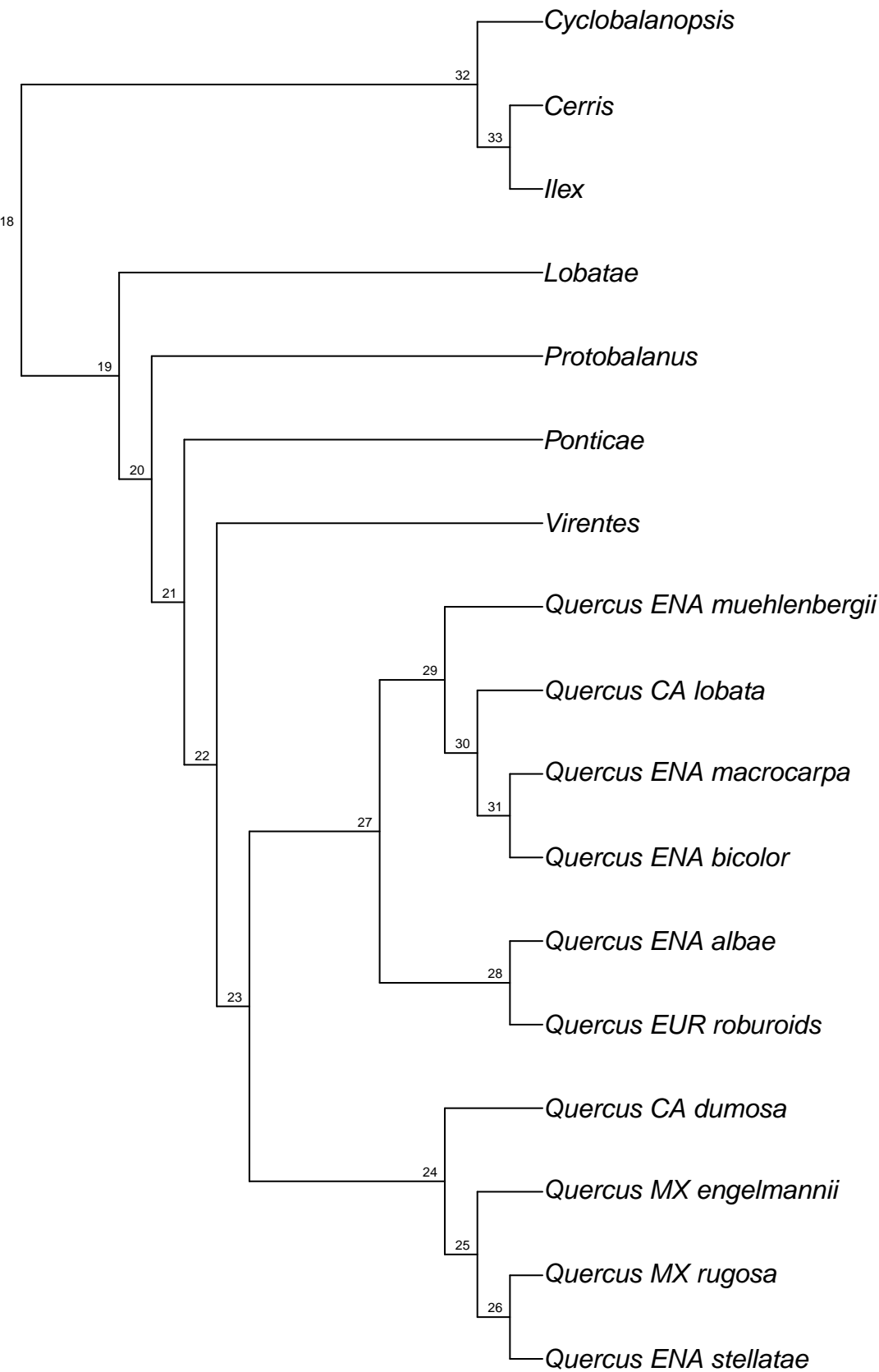
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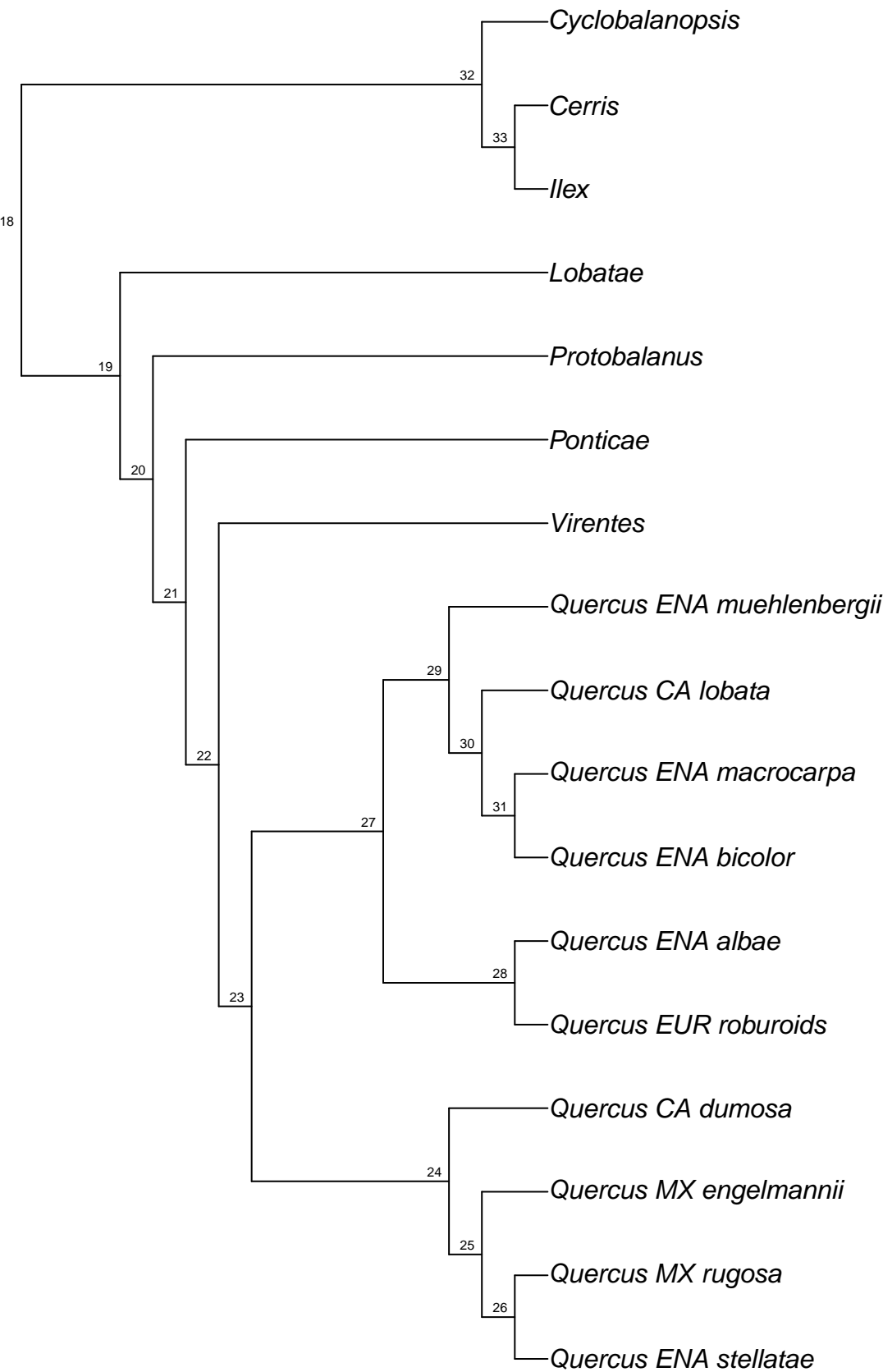
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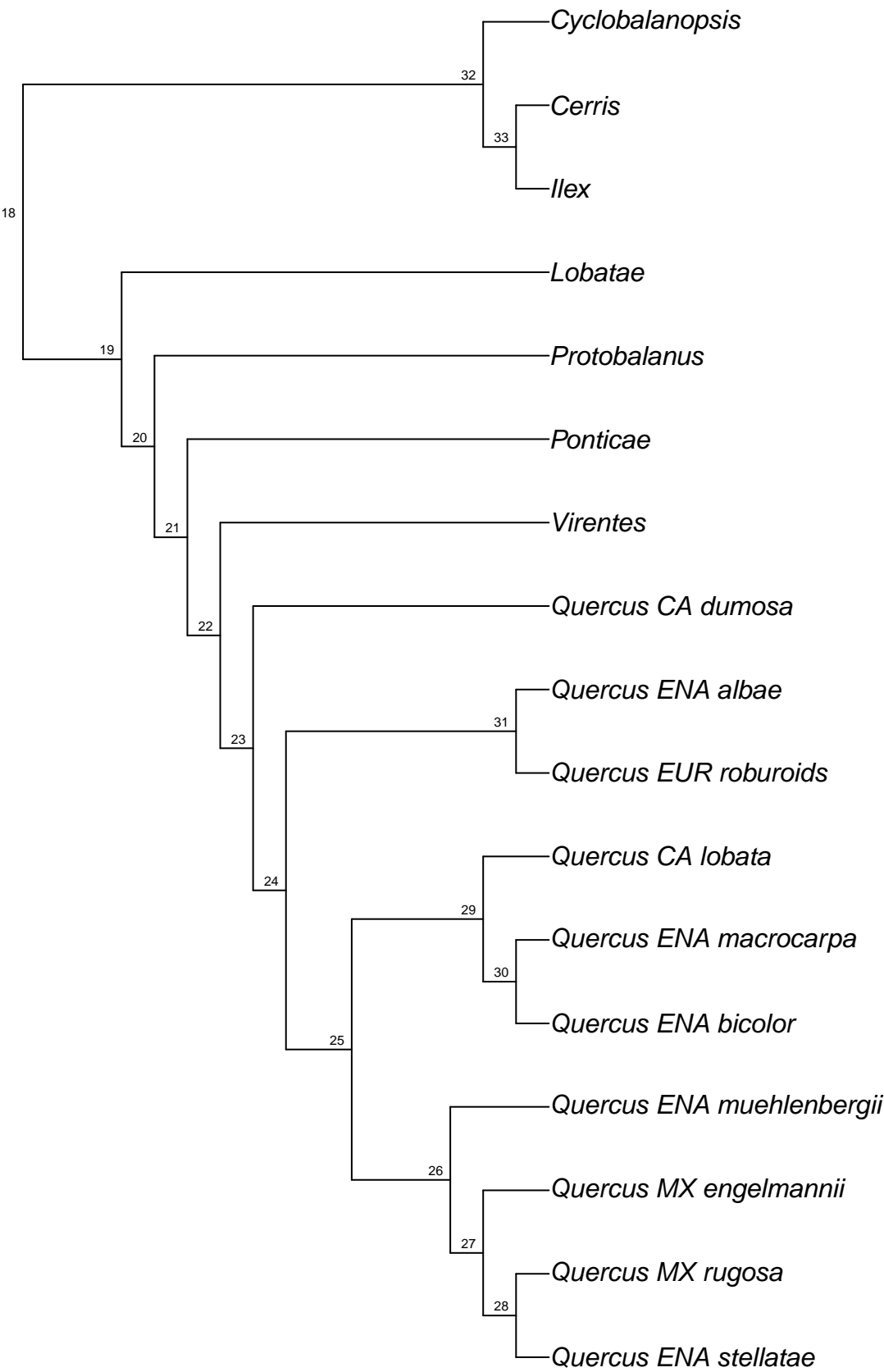
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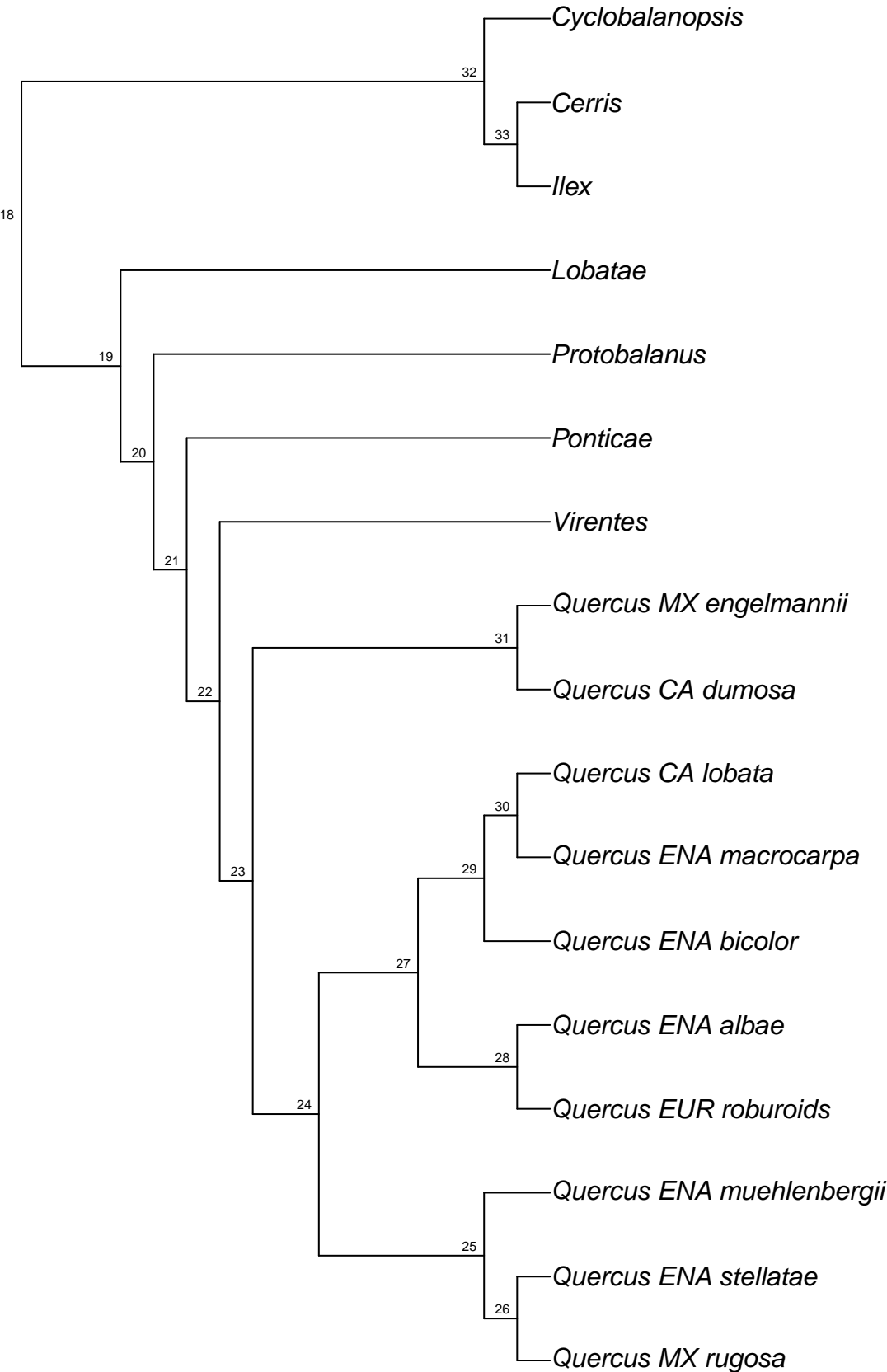
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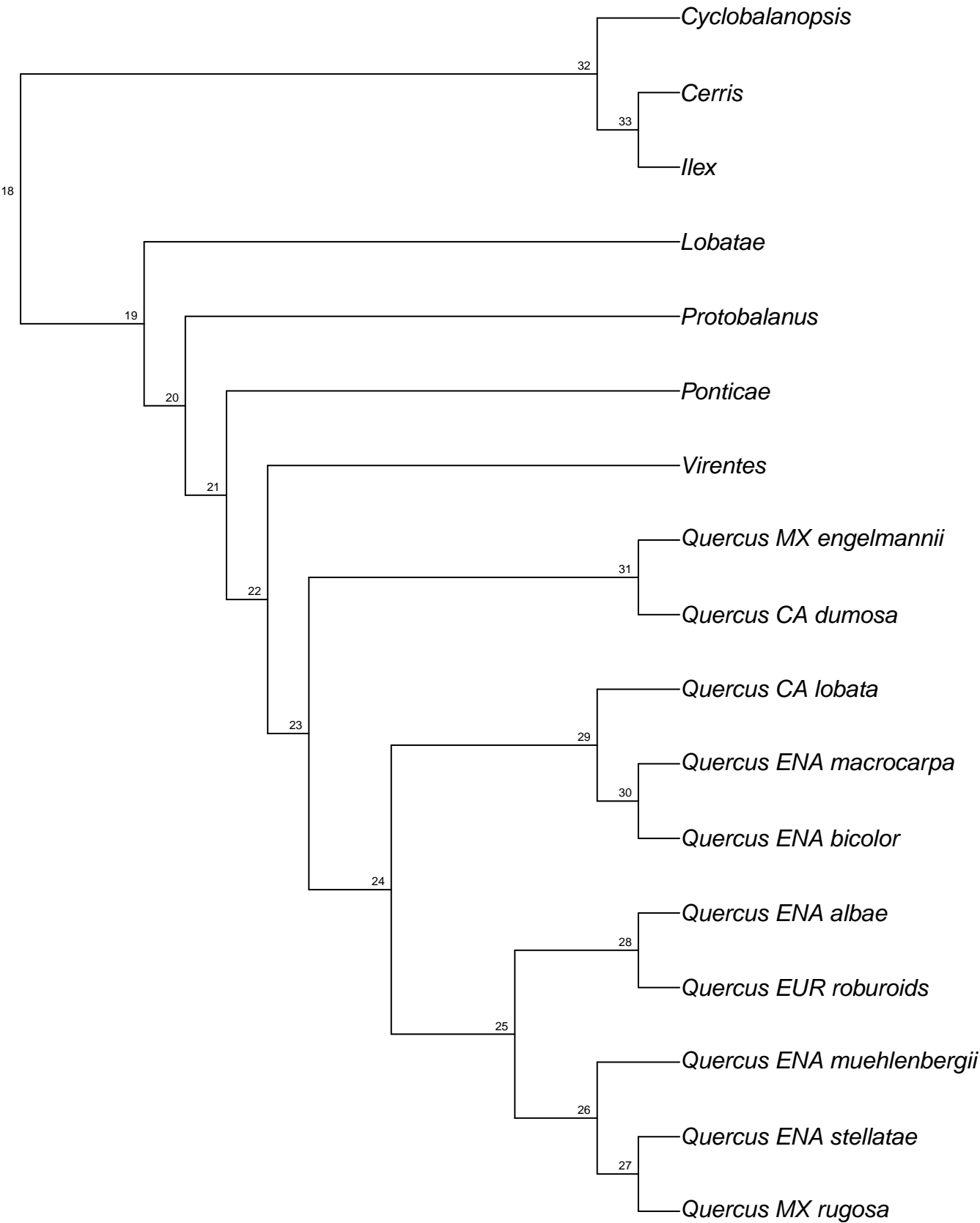
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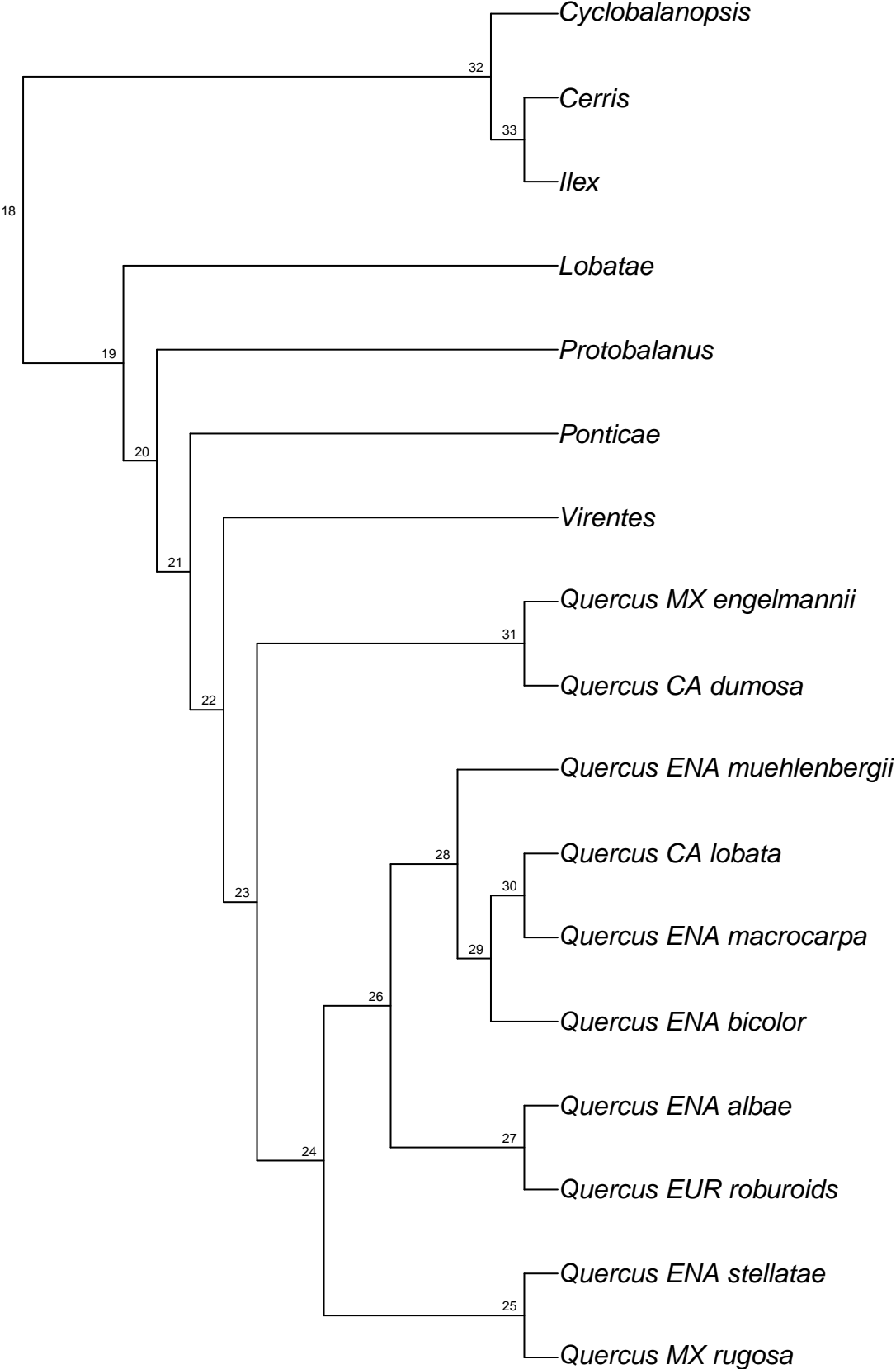
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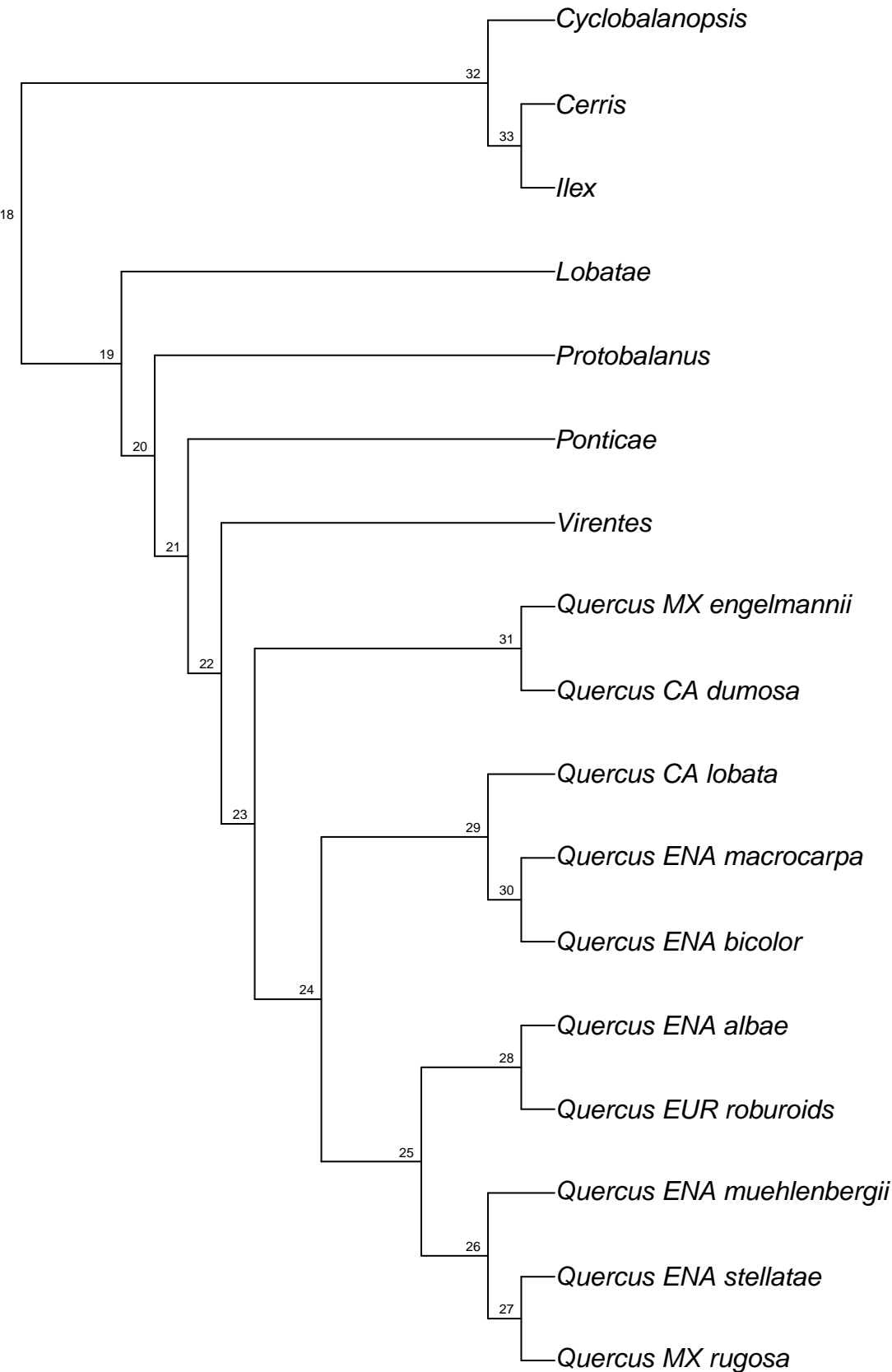
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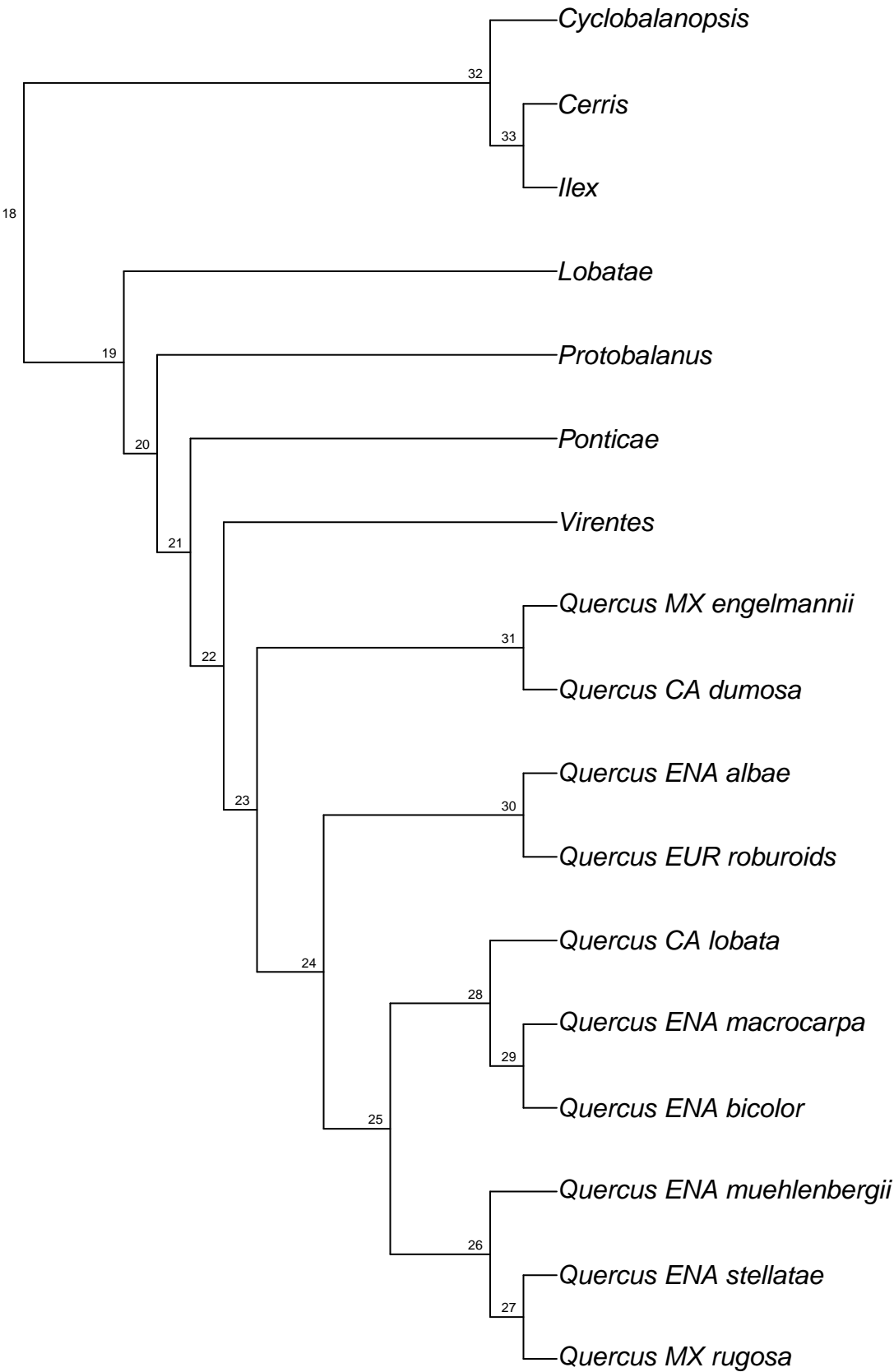
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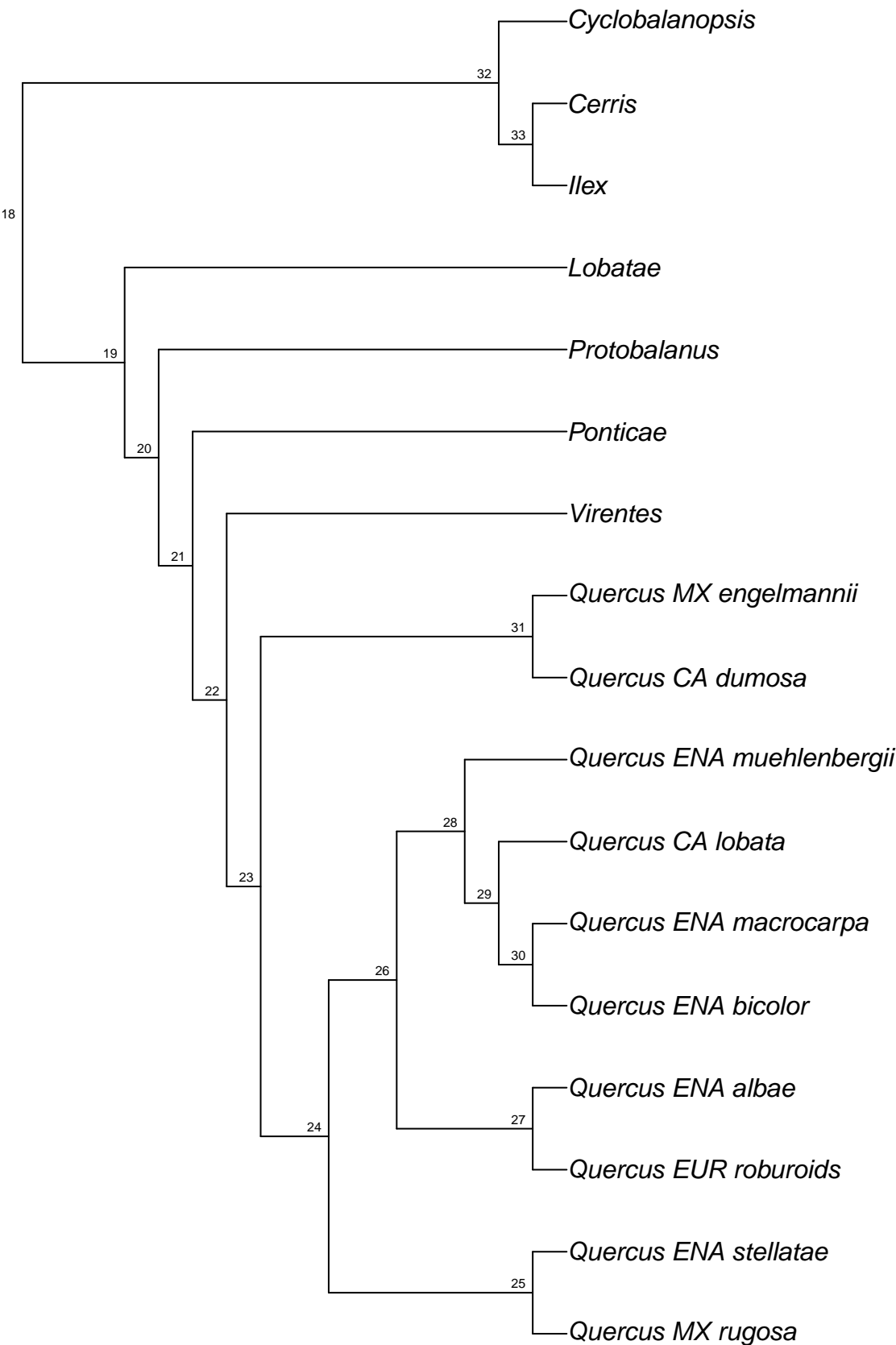
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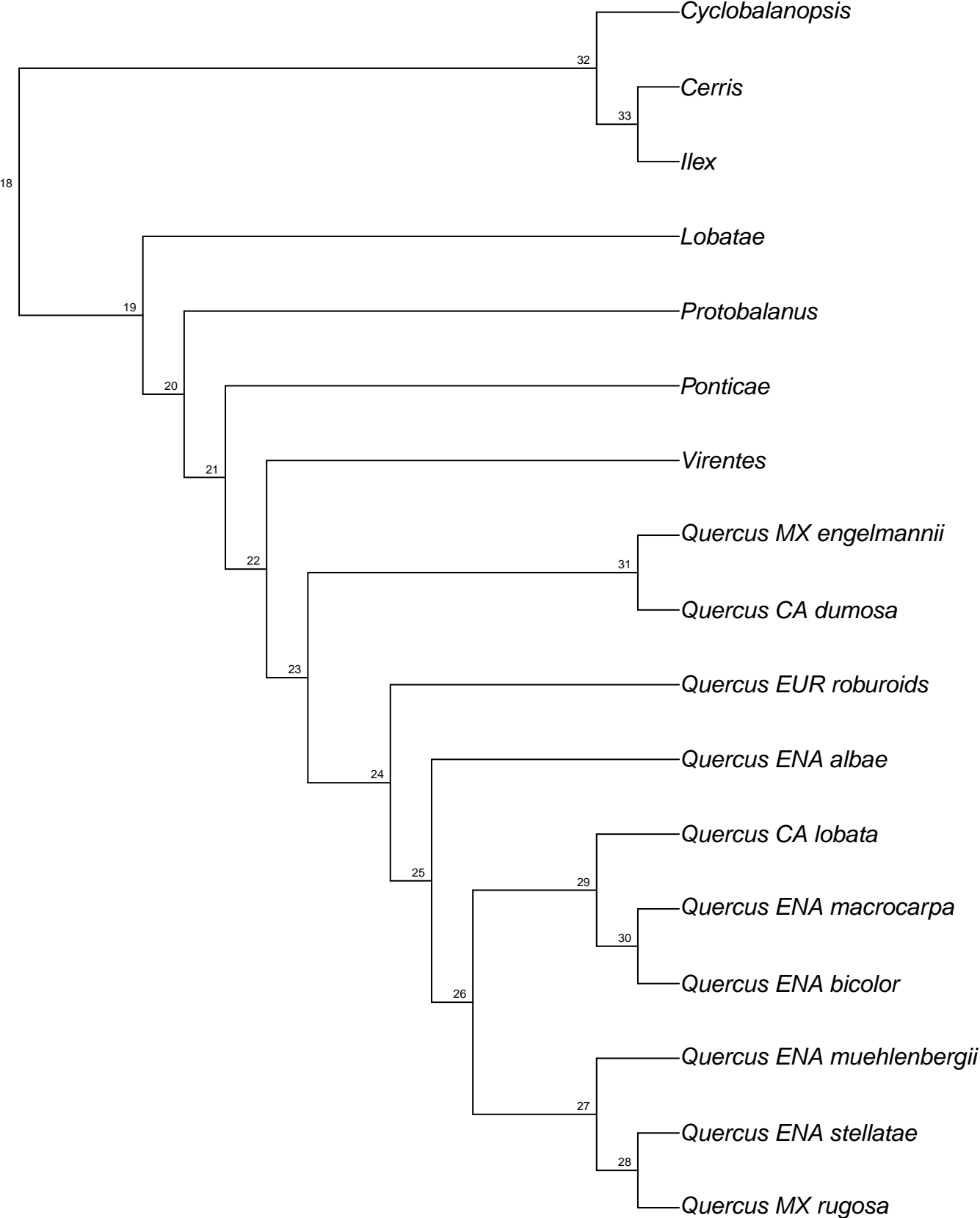
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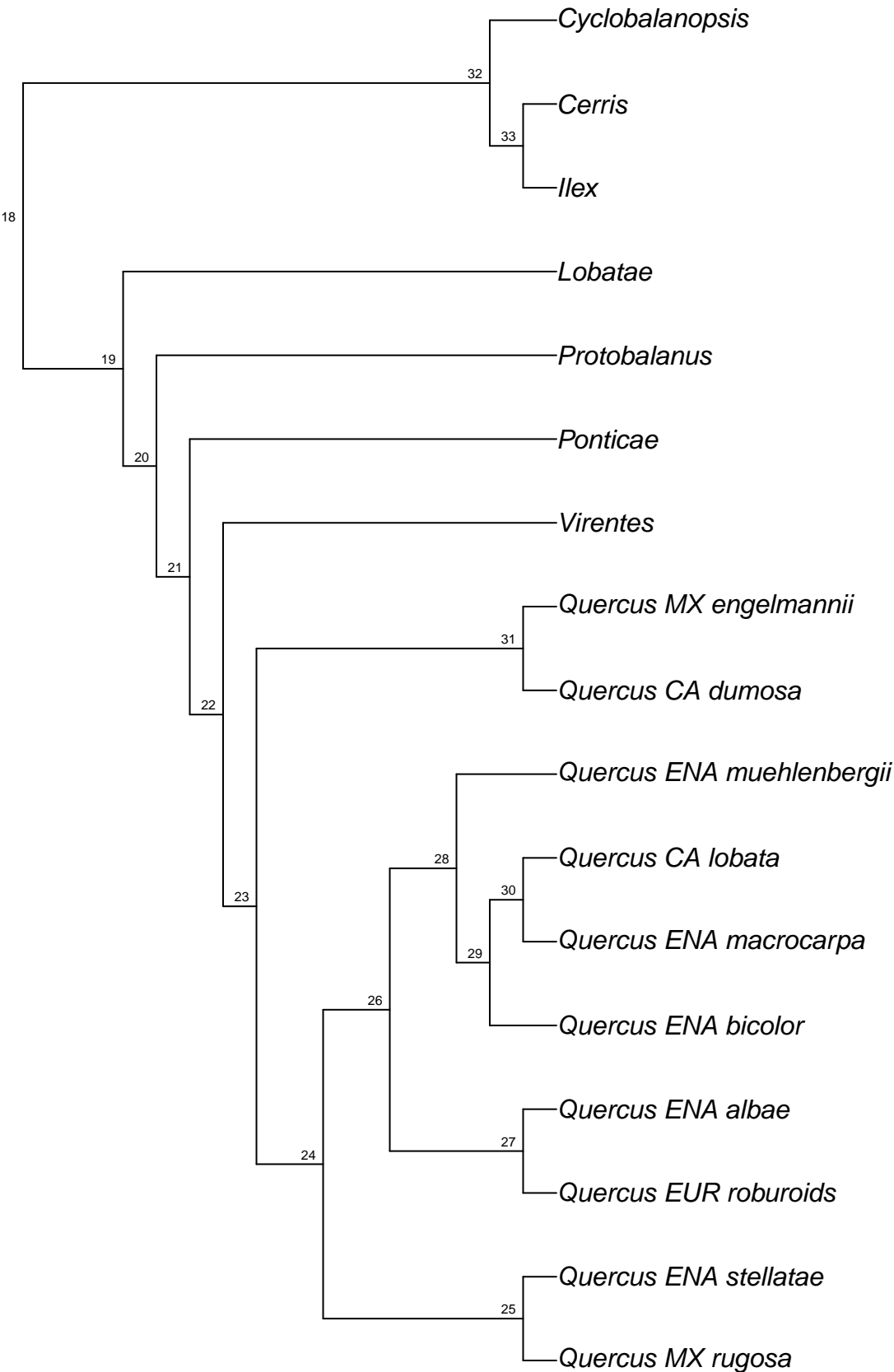
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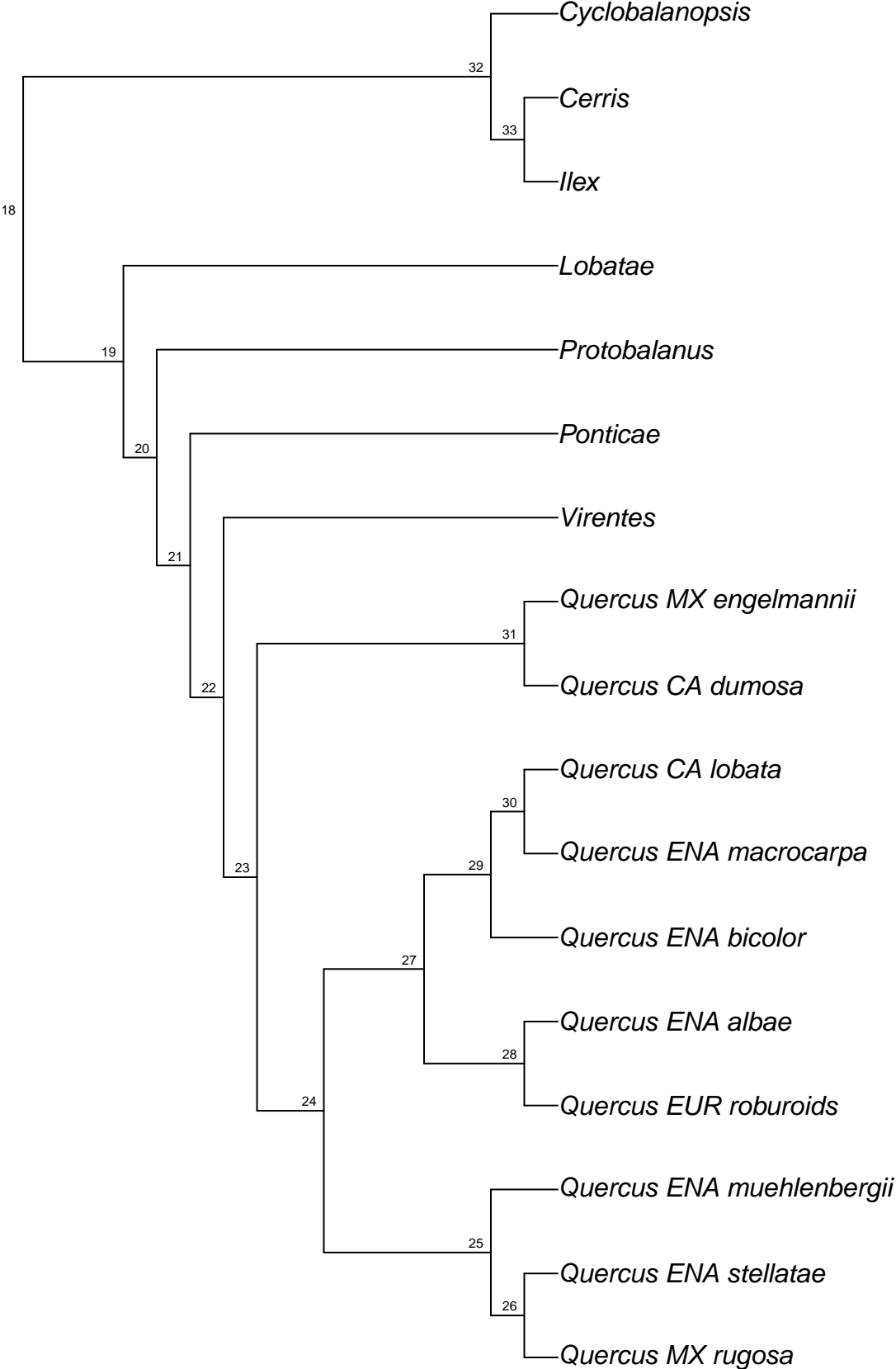
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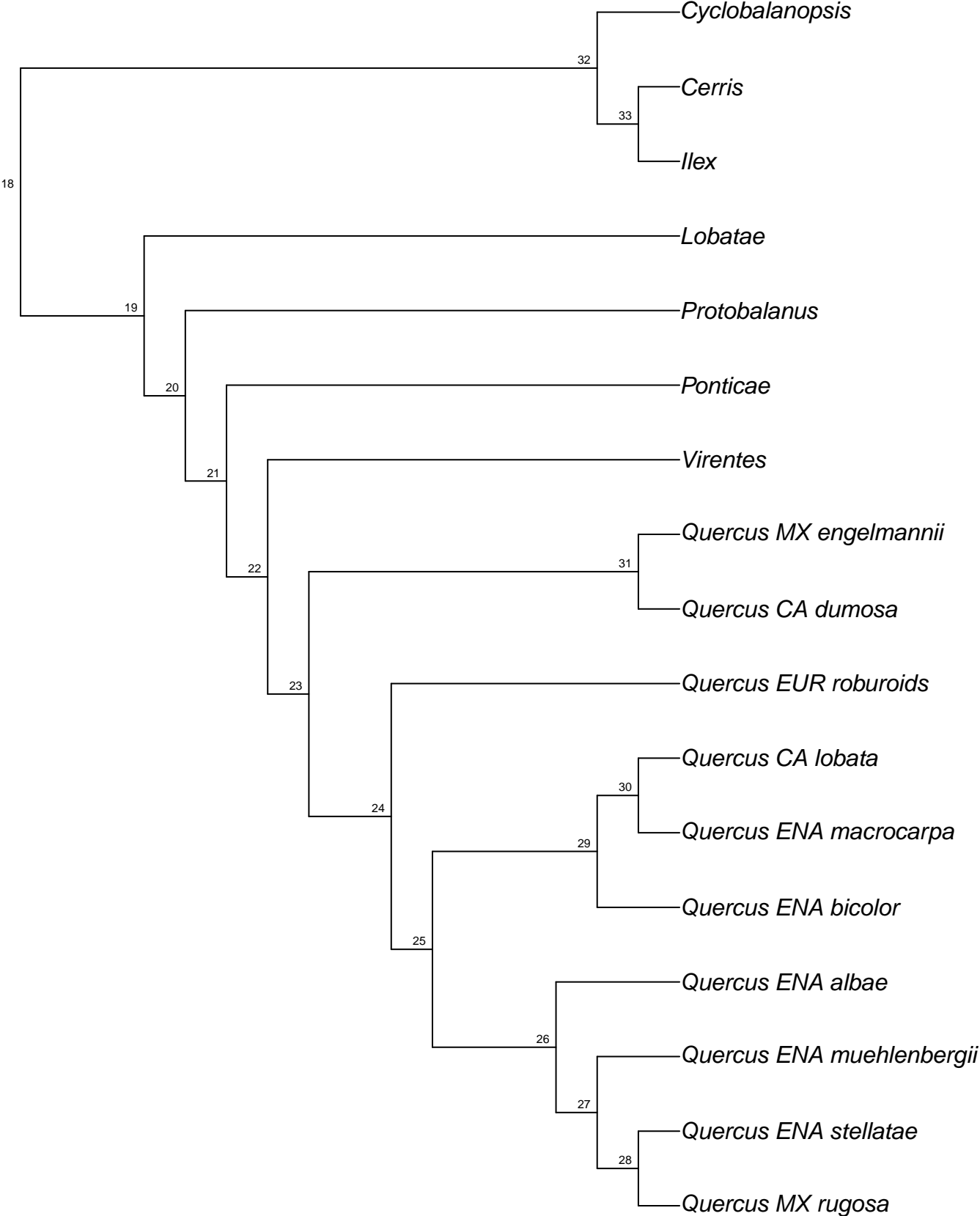
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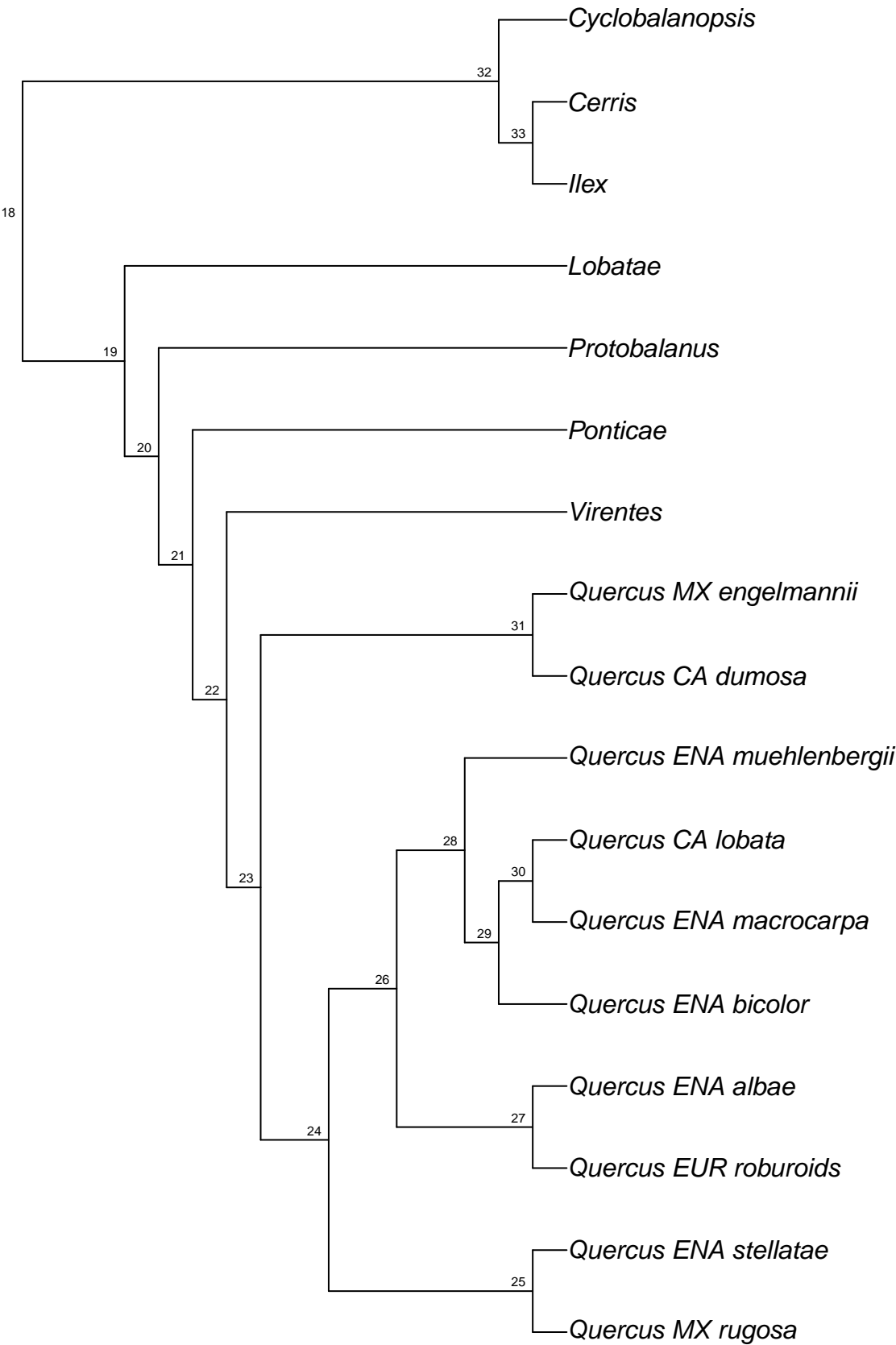
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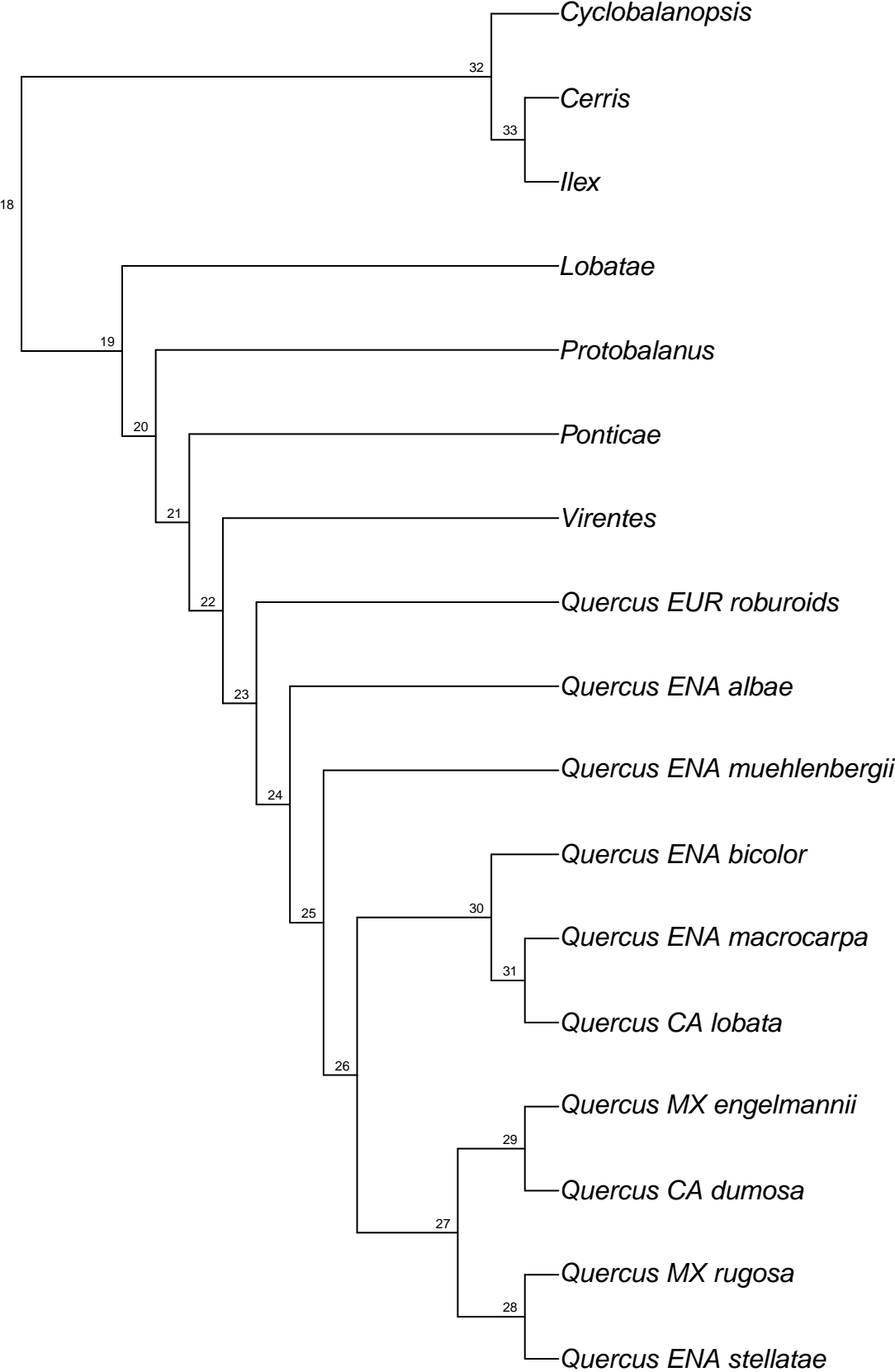


Phylogenetic tree showing relationships between various species, likely based on allozyme data. The tree is rooted at node 18. The species names are listed on the right, and the node numbers are indicated at the branching points.

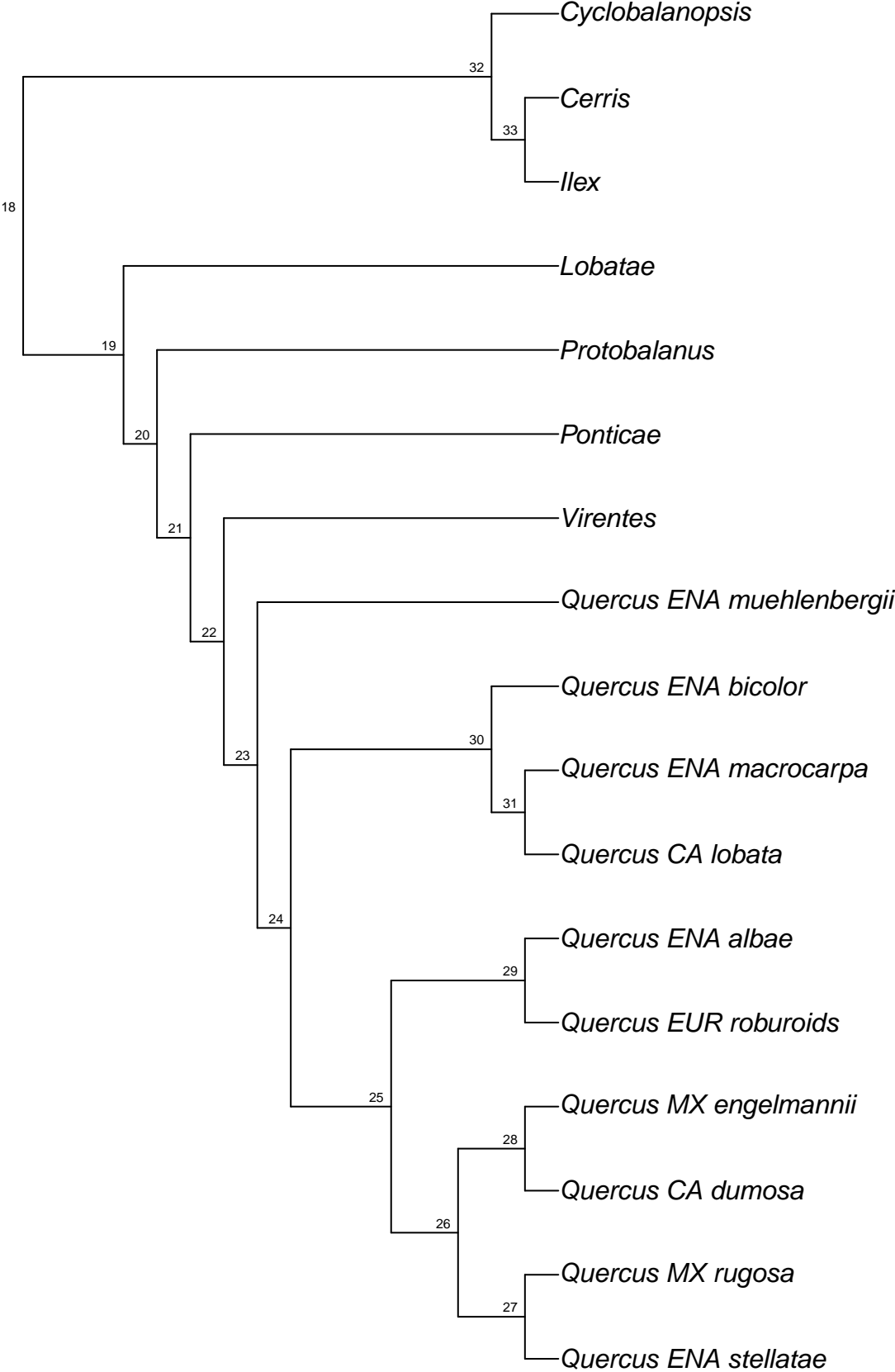
Species and their corresponding node numbers (from top to bottom):

- Cyclobalanopsis* (Node 32)
- Cerris* (Node 33)
- Ilex* (Node 33)
- Lobatae* (Node 19)
- Protobalanus* (Node 20)
- Ponticae* (Node 21)
- Virentes* (Node 22)
- Quercus MX engelmannii* (Node 31)
- Quercus CA dumosa* (Node 31)
- Quercus ENA muehlenbergii* (Node 28)
- Quercus CA lobata* (Node 30)
- Quercus ENA macrocarpa* (Node 29)
- Quercus ENA bicolor* (Node 29)
- Quercus ENA albae* (Node 27)
- Quercus EUR roburoids* (Node 27)
- Quercus ENA stellatae* (Node 25)
- Quercus MX rugosa* (Node 25)

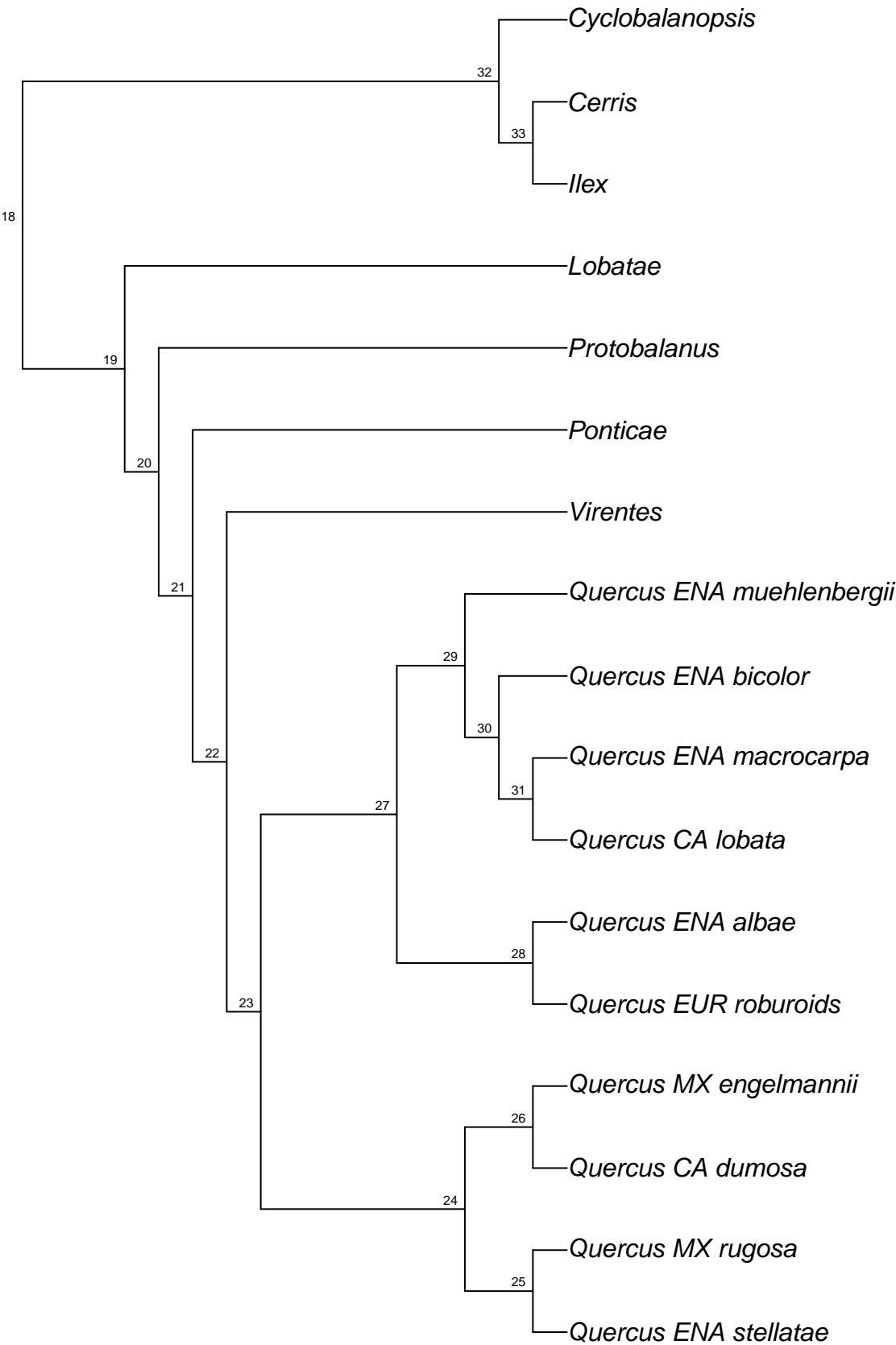
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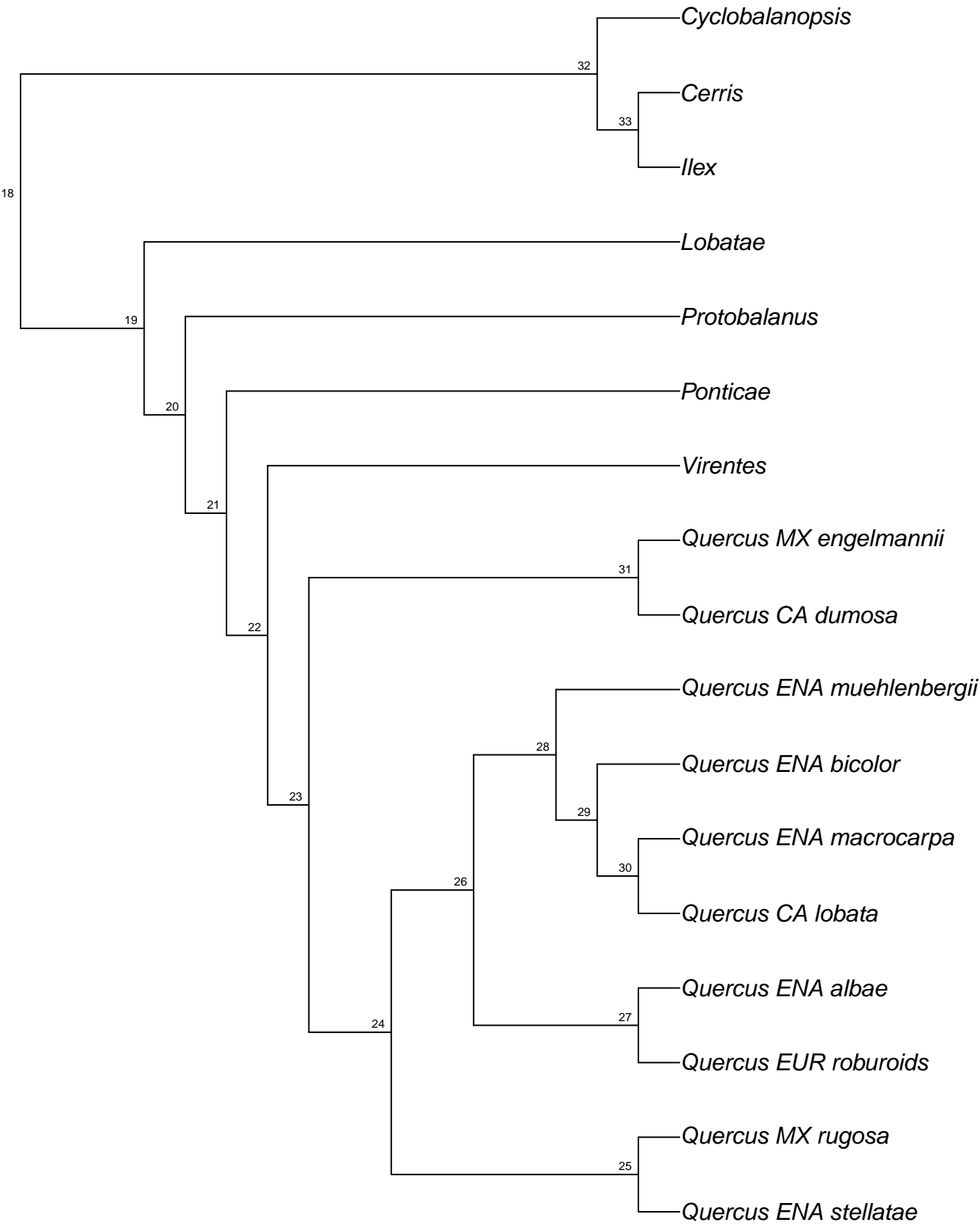
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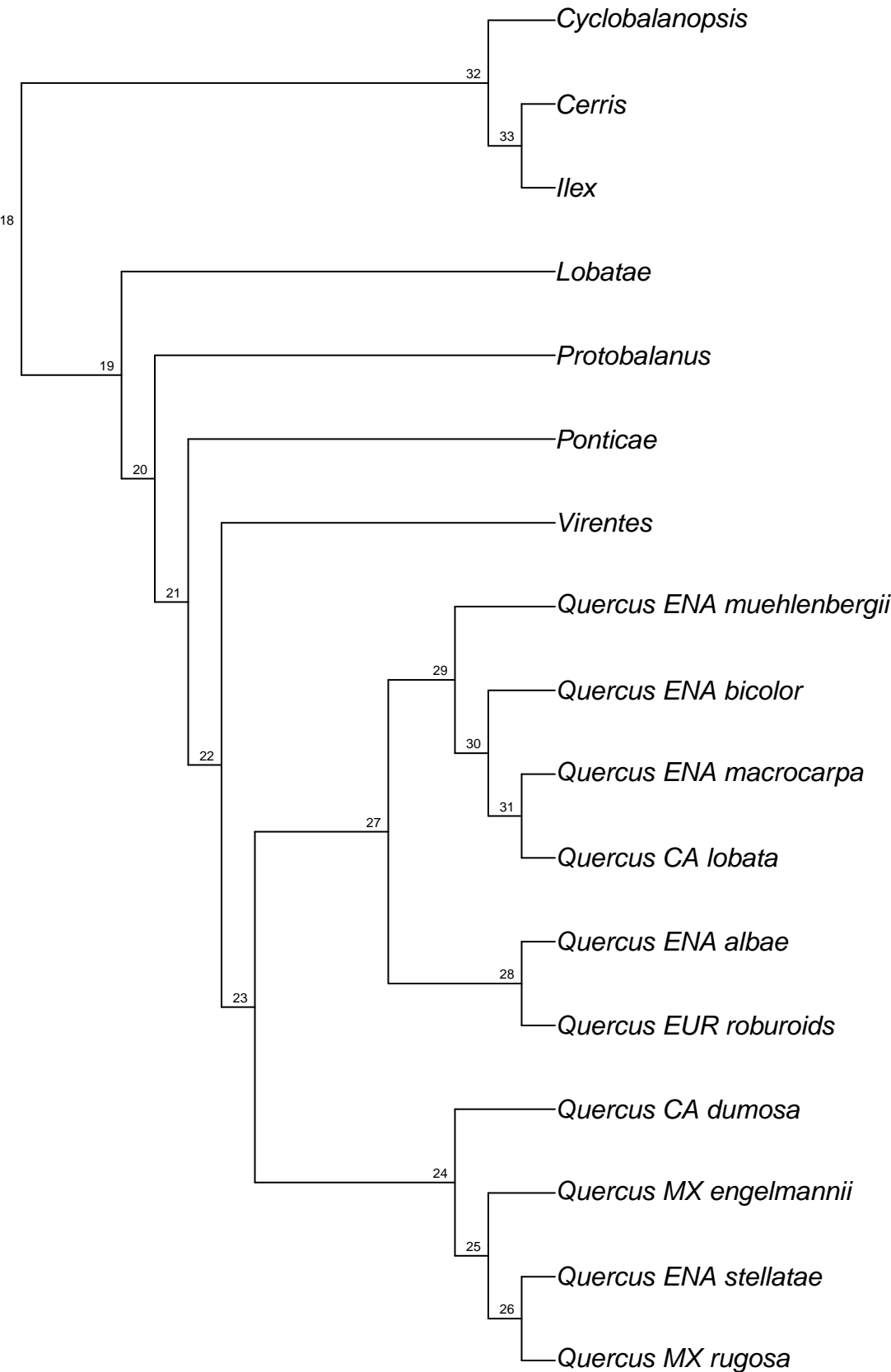
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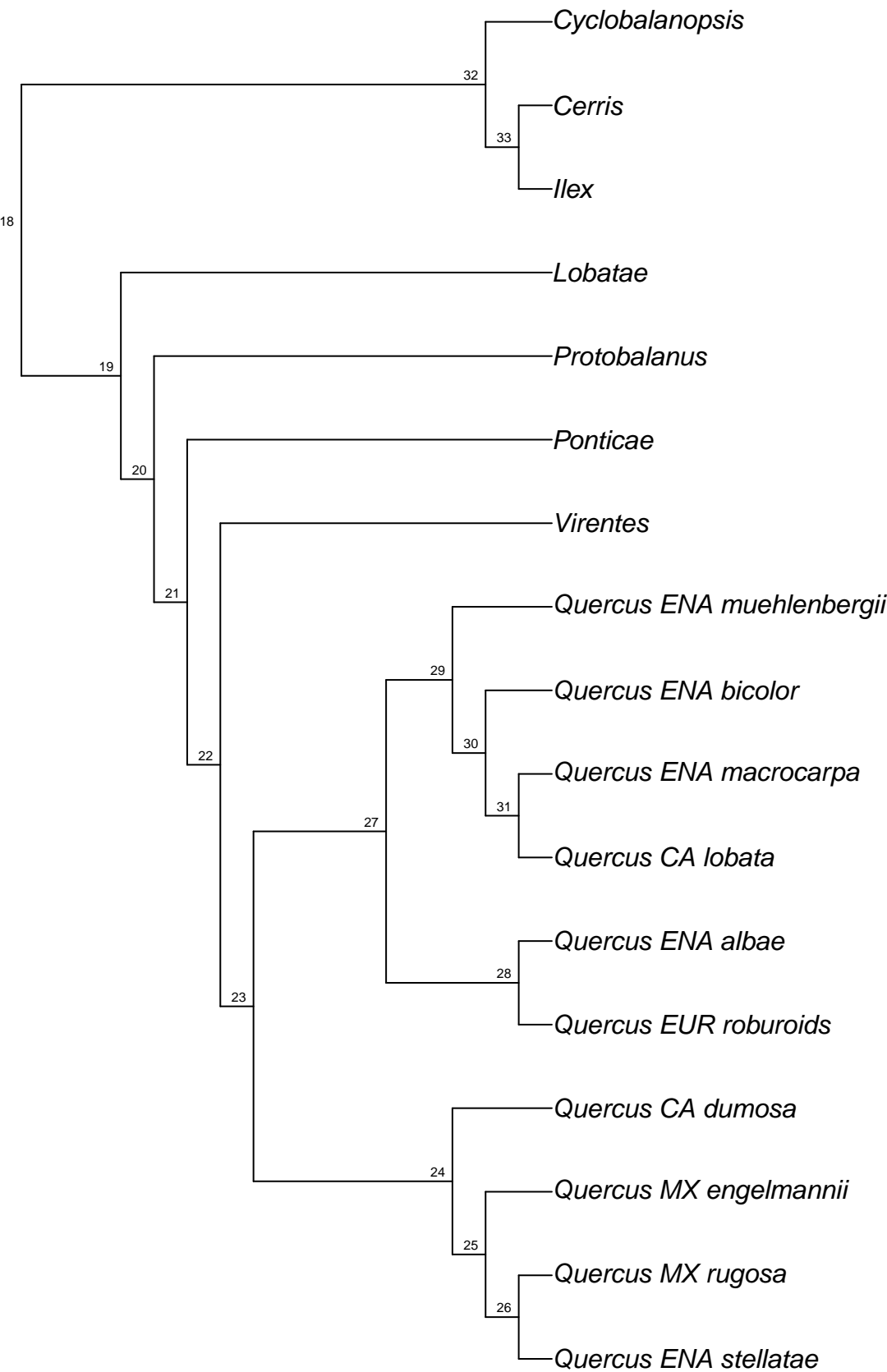
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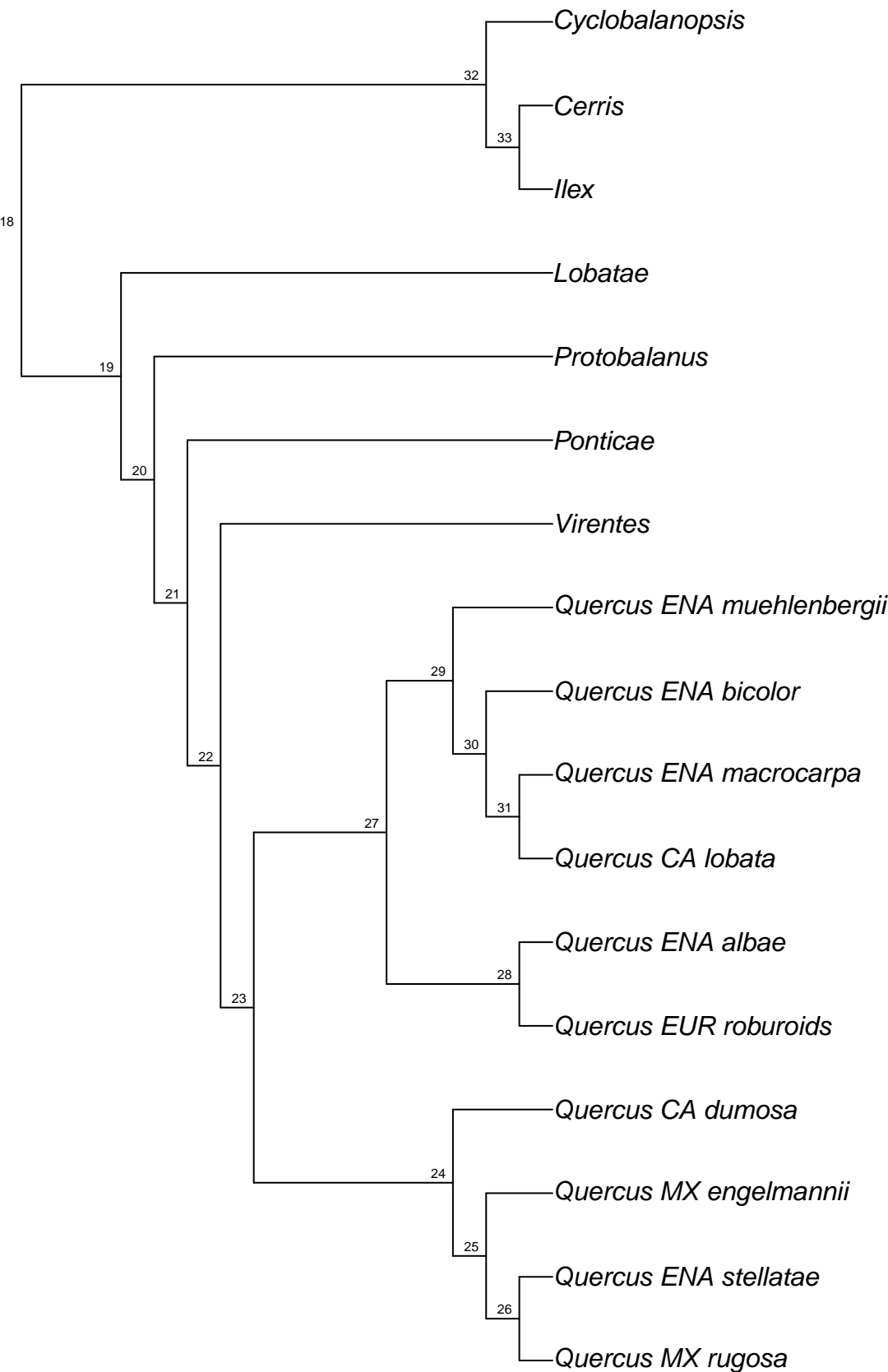
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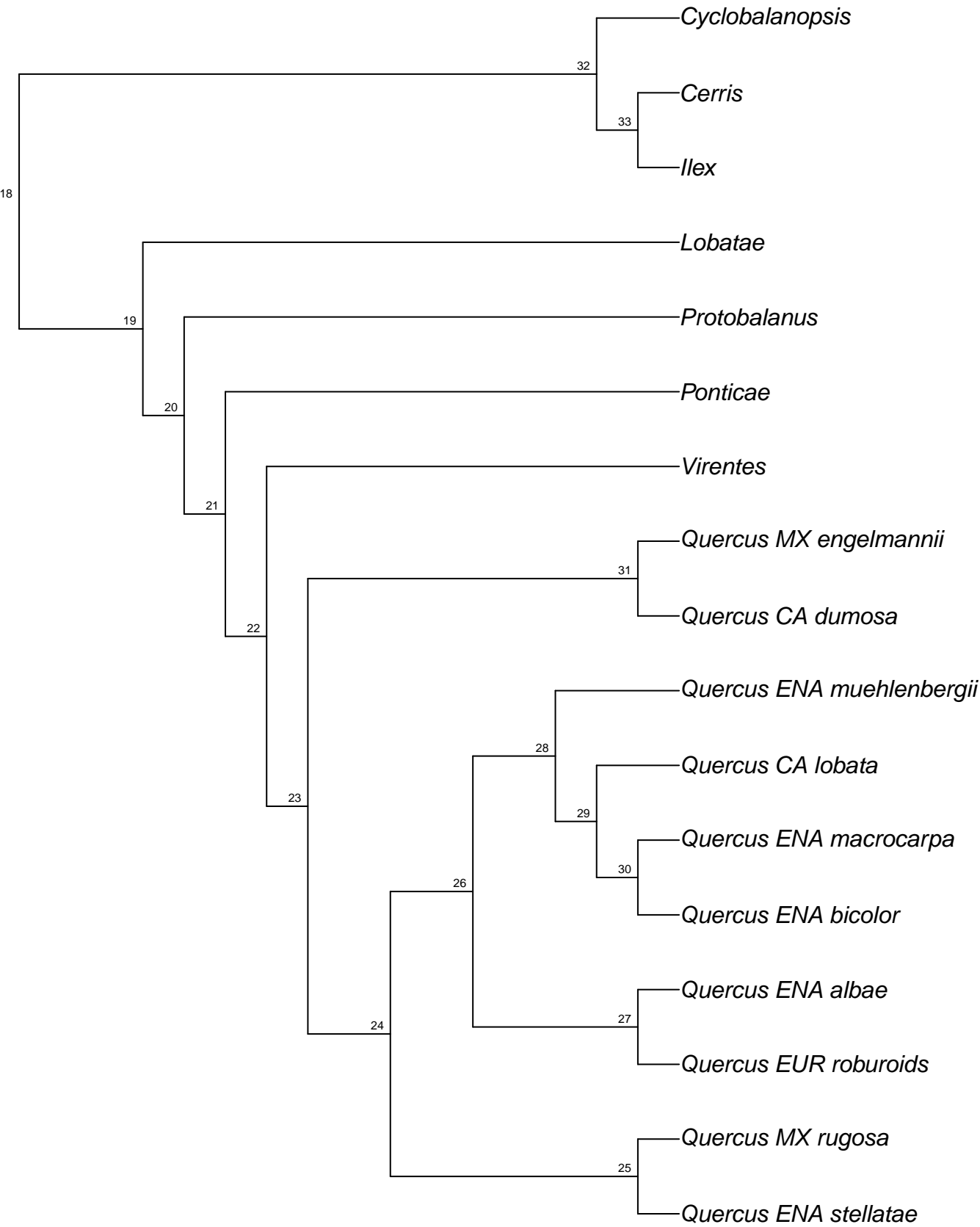
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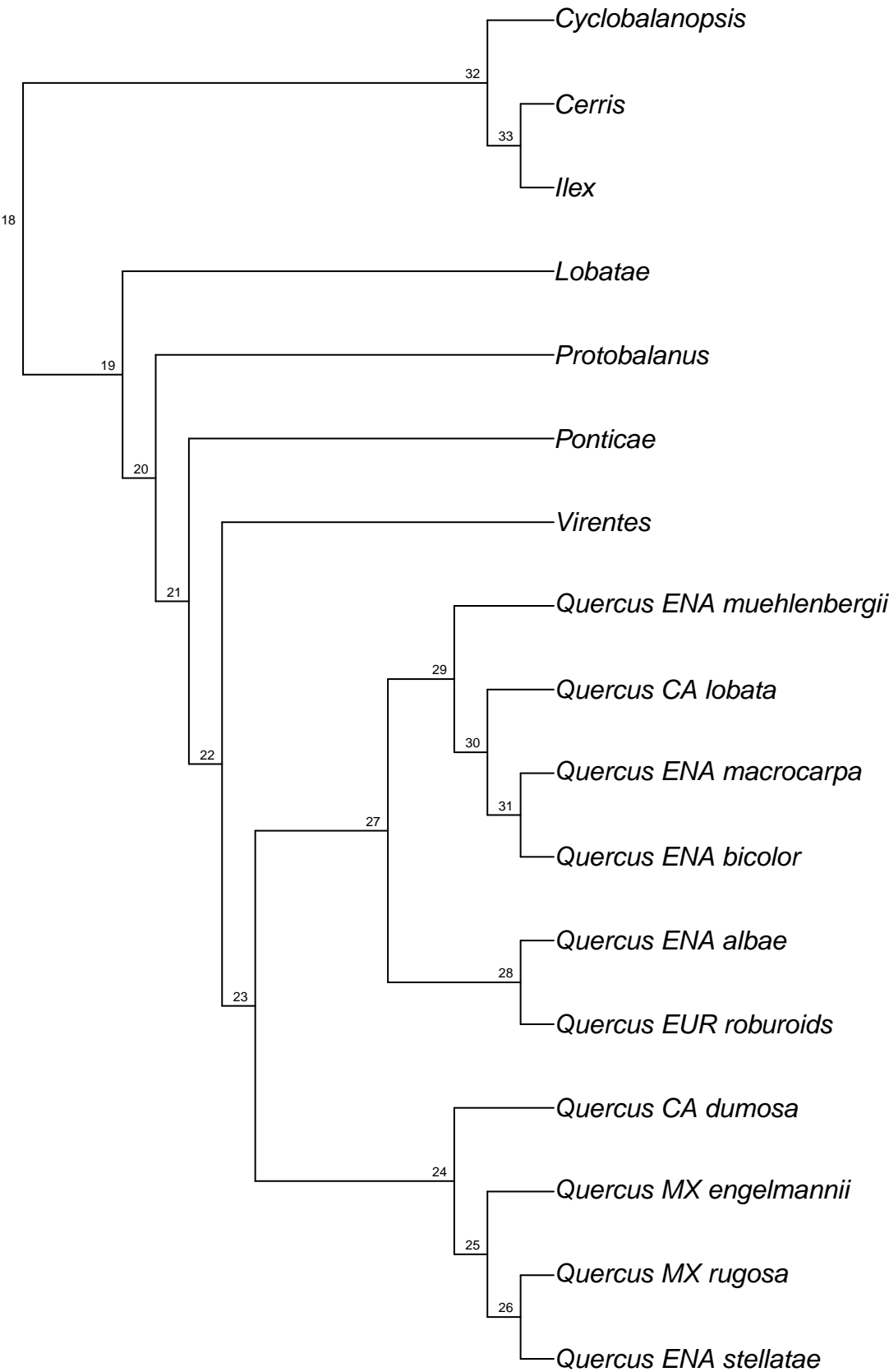
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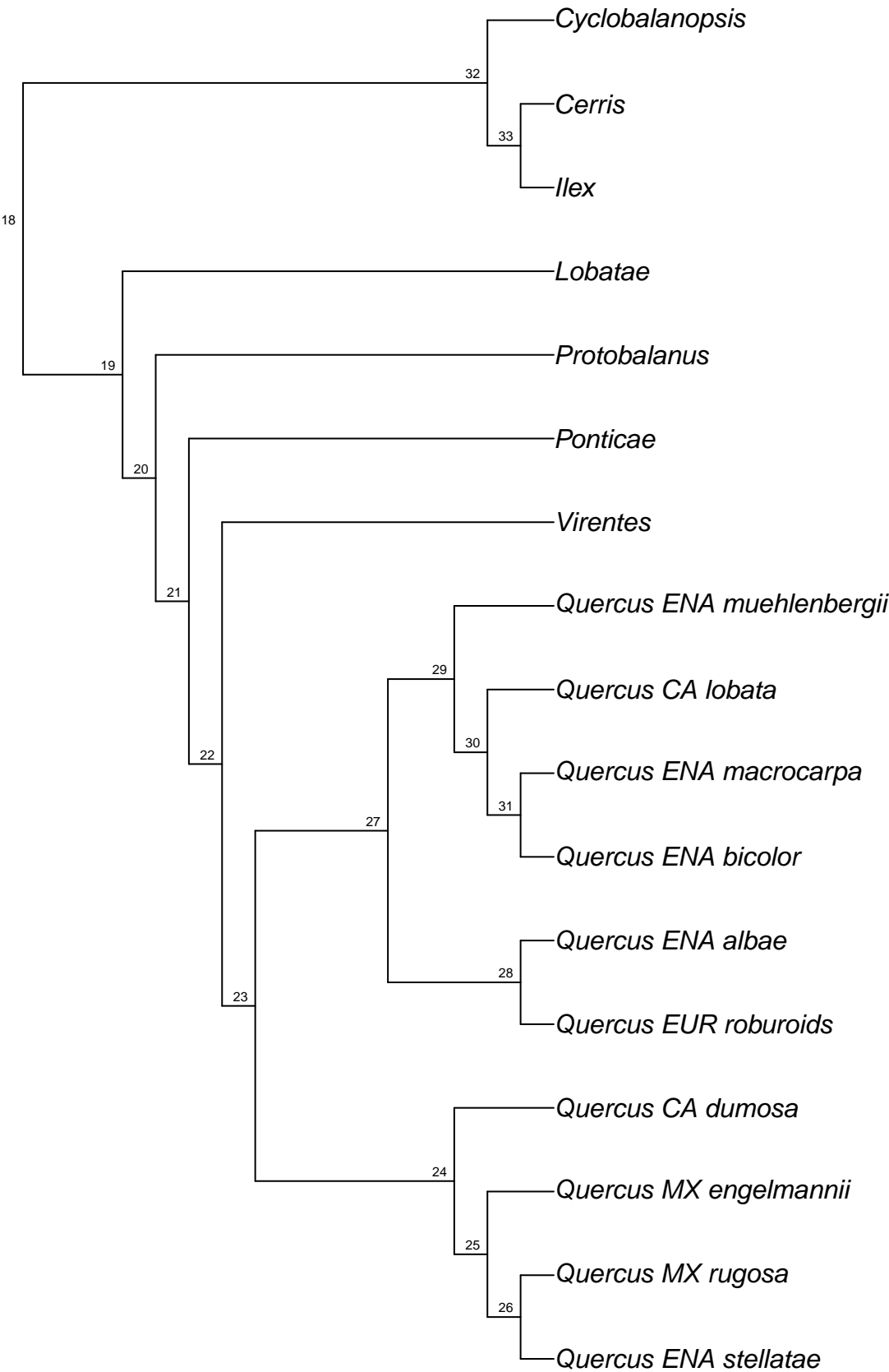
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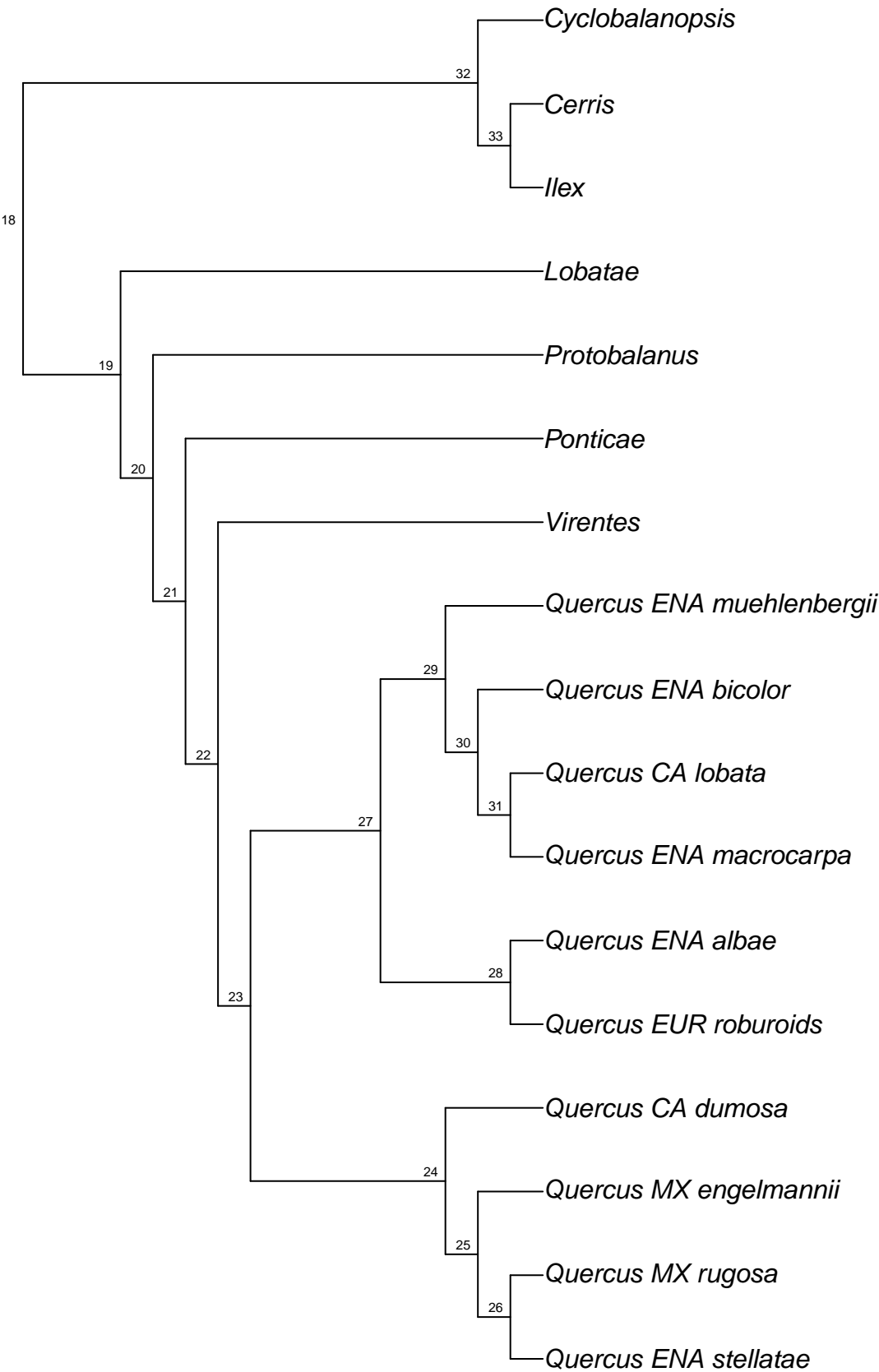
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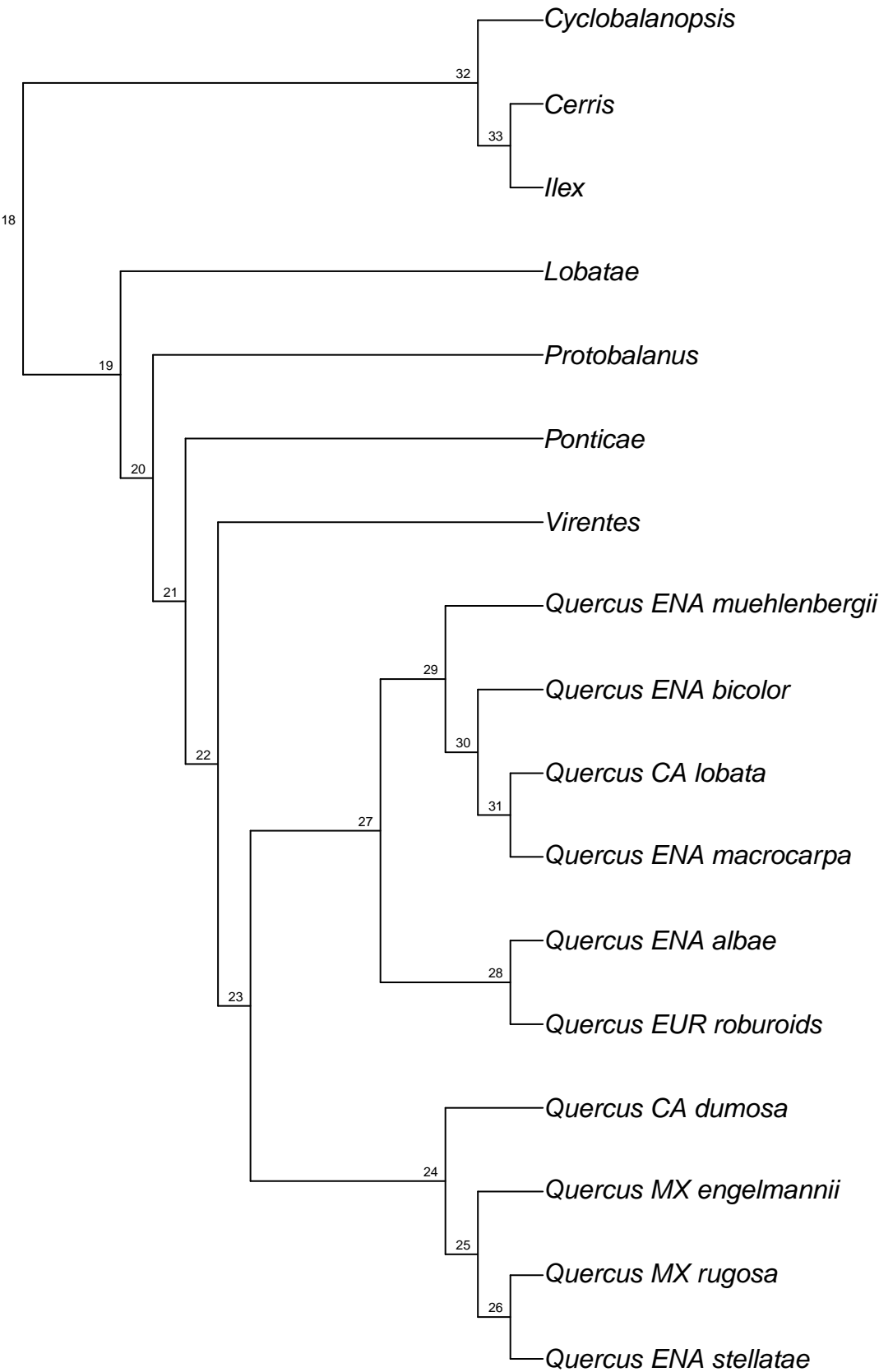
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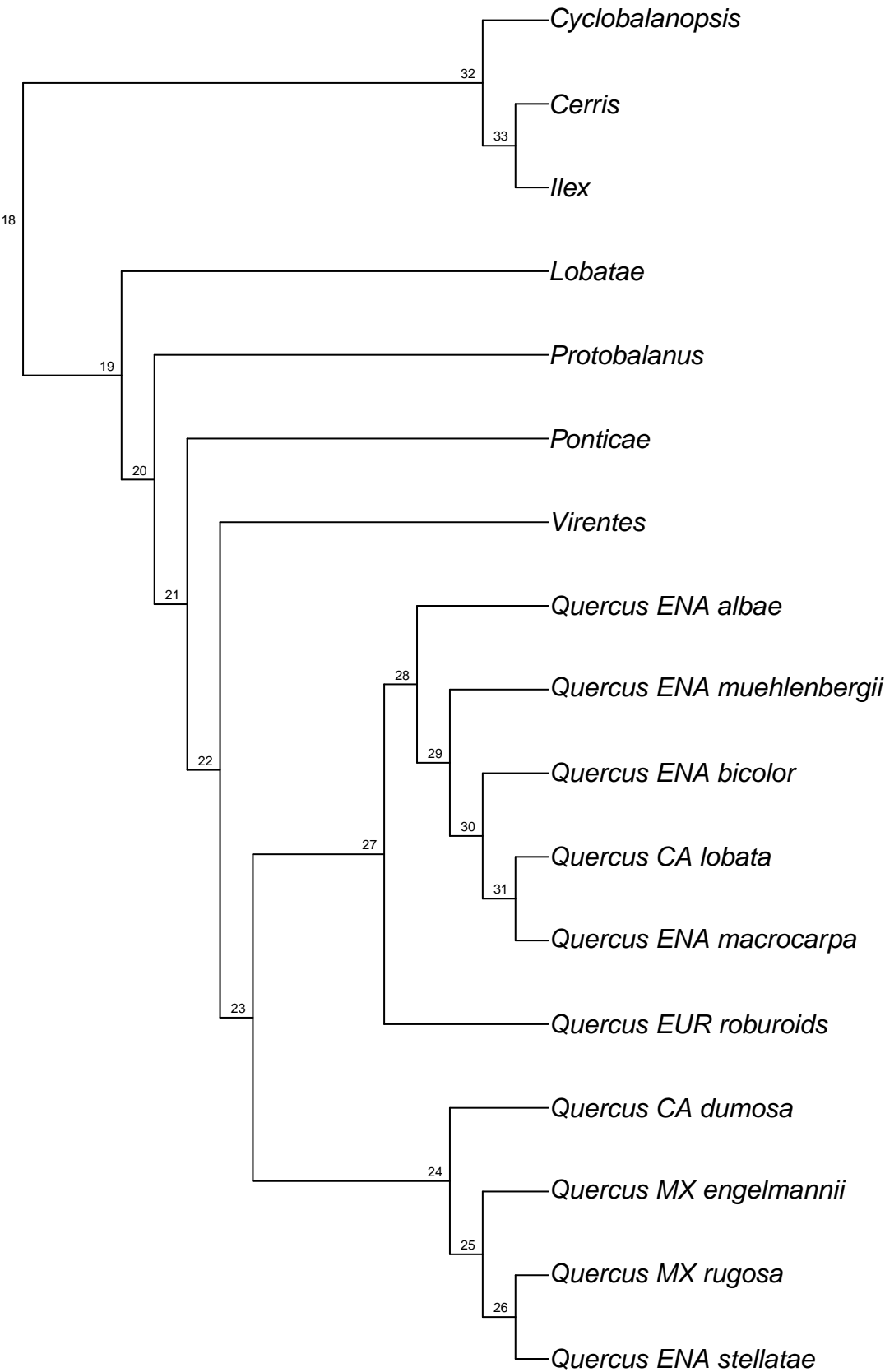
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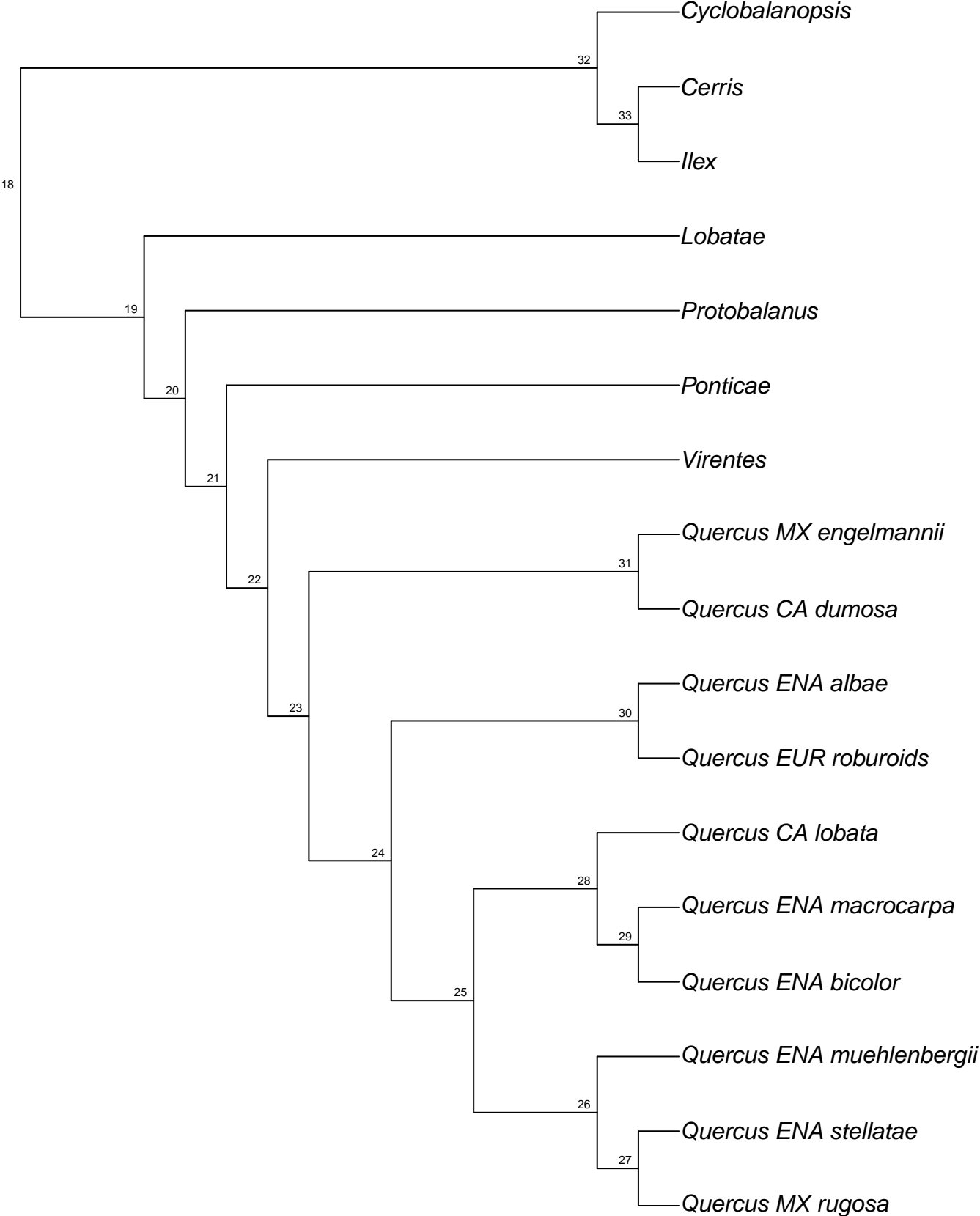
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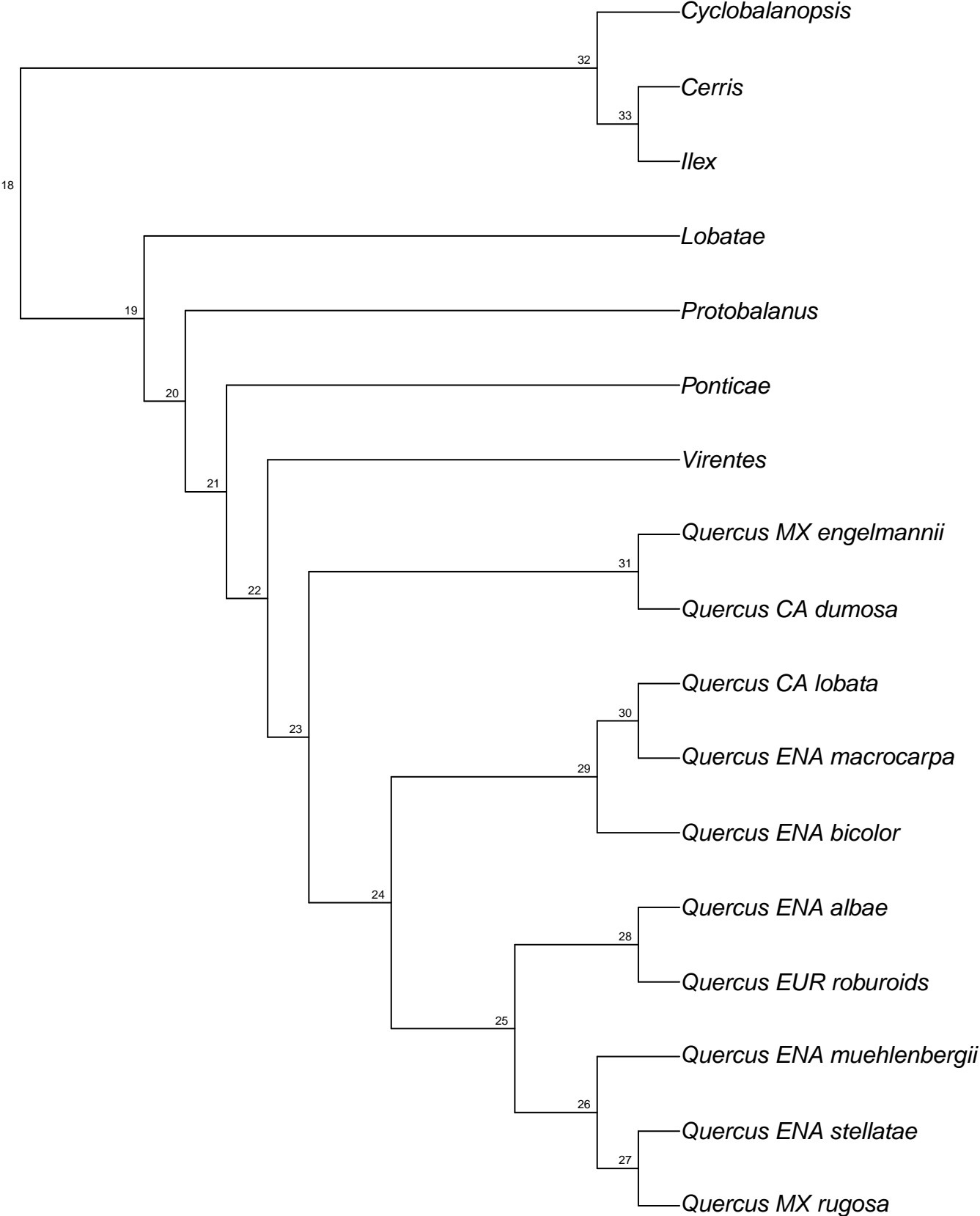
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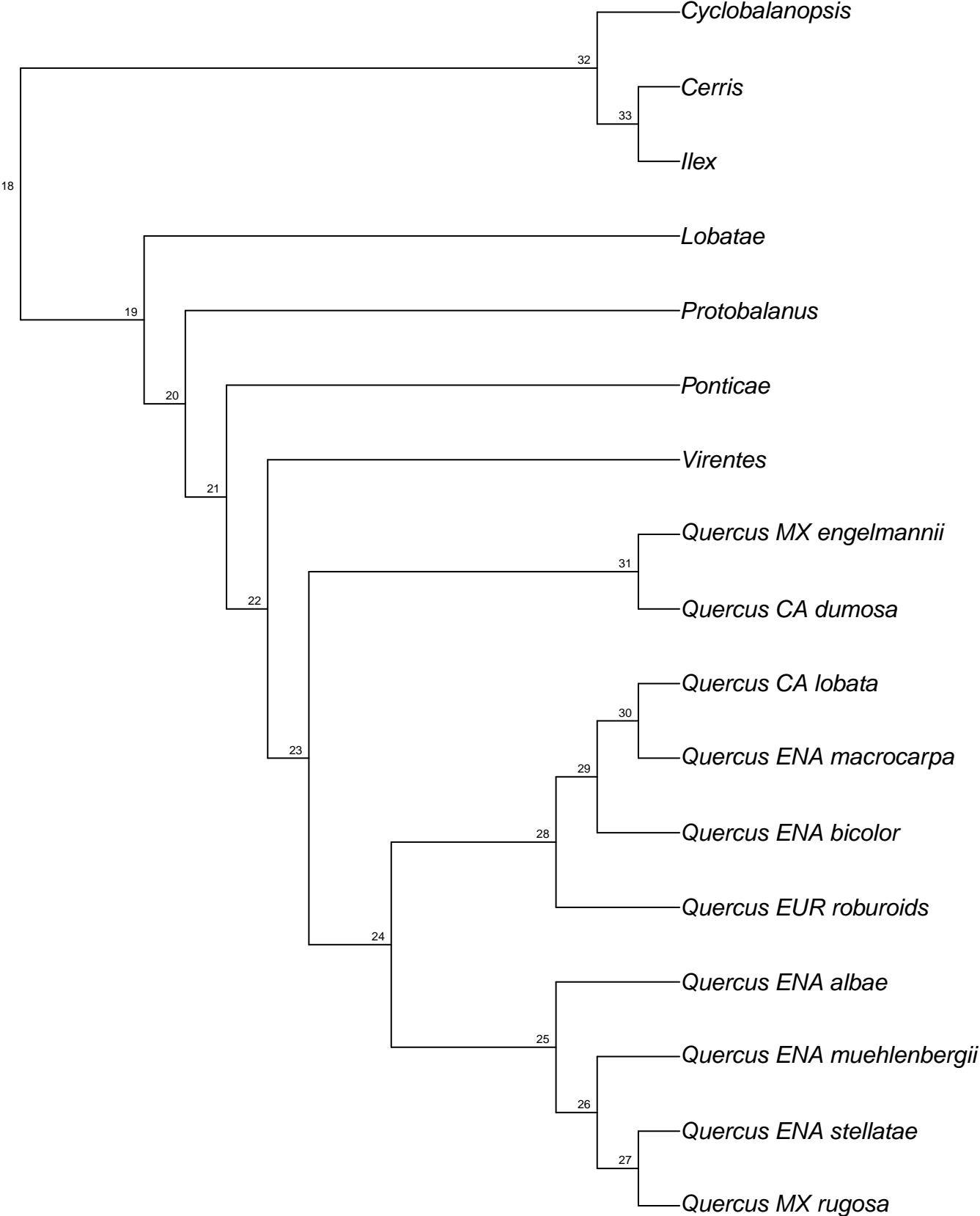
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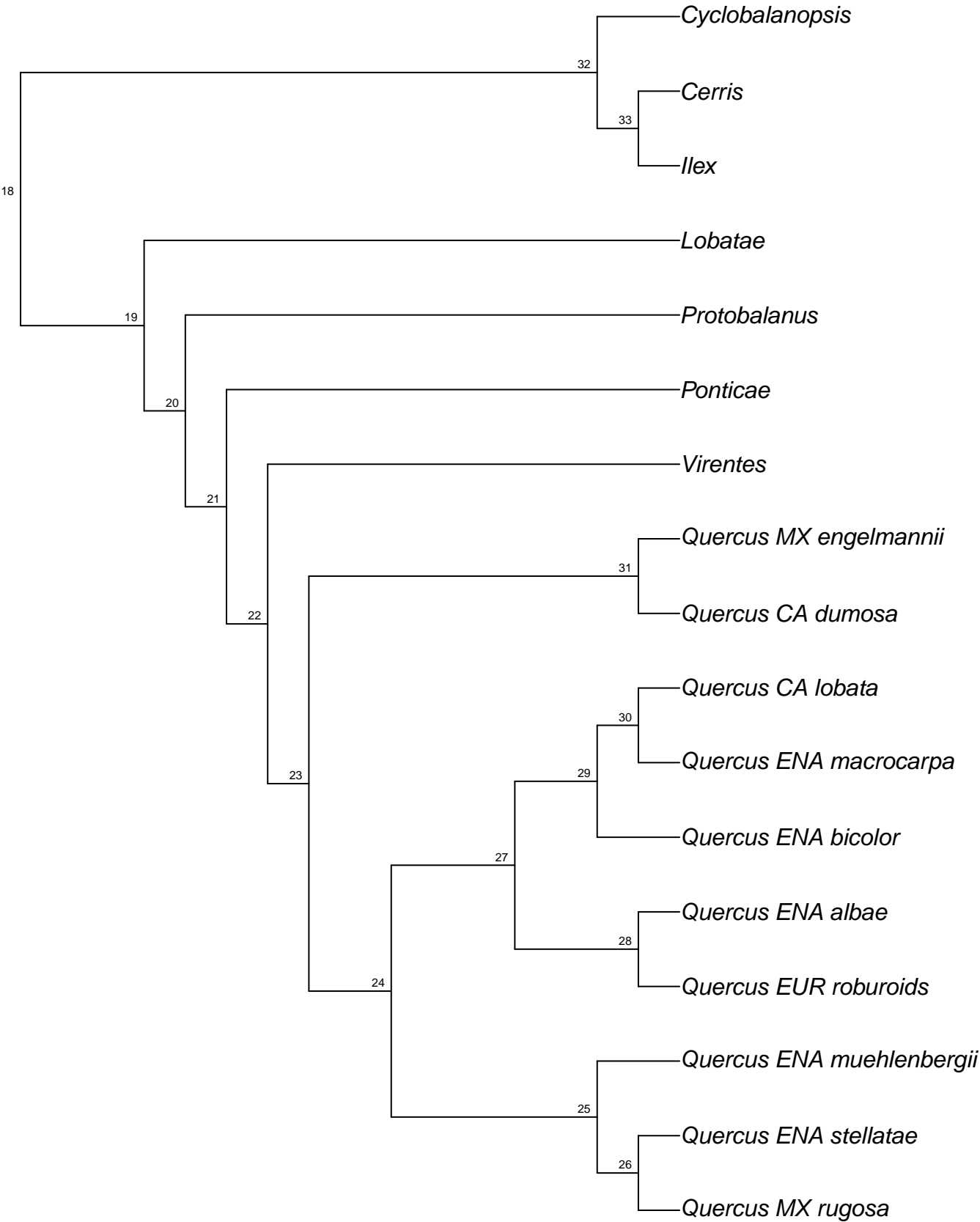
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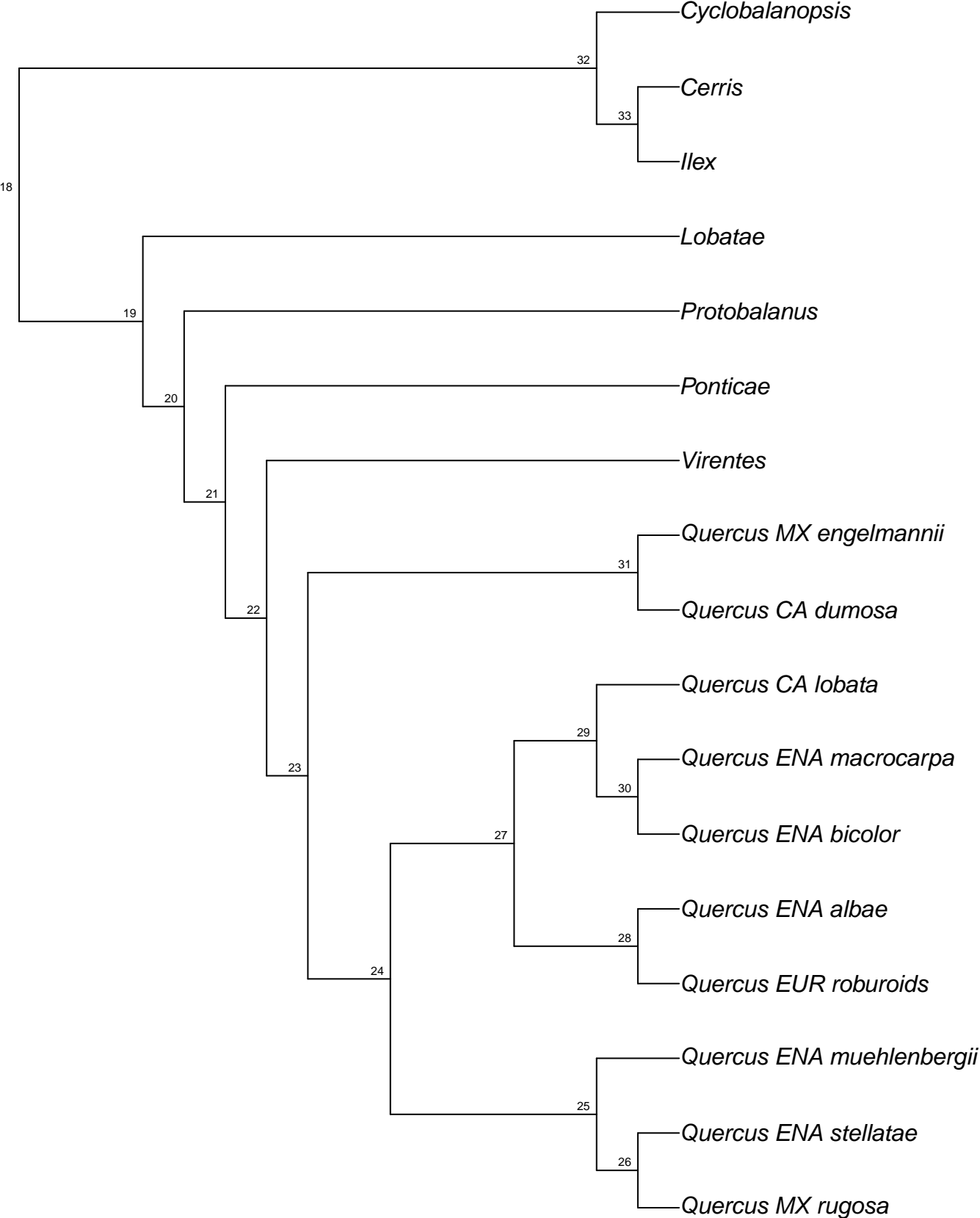
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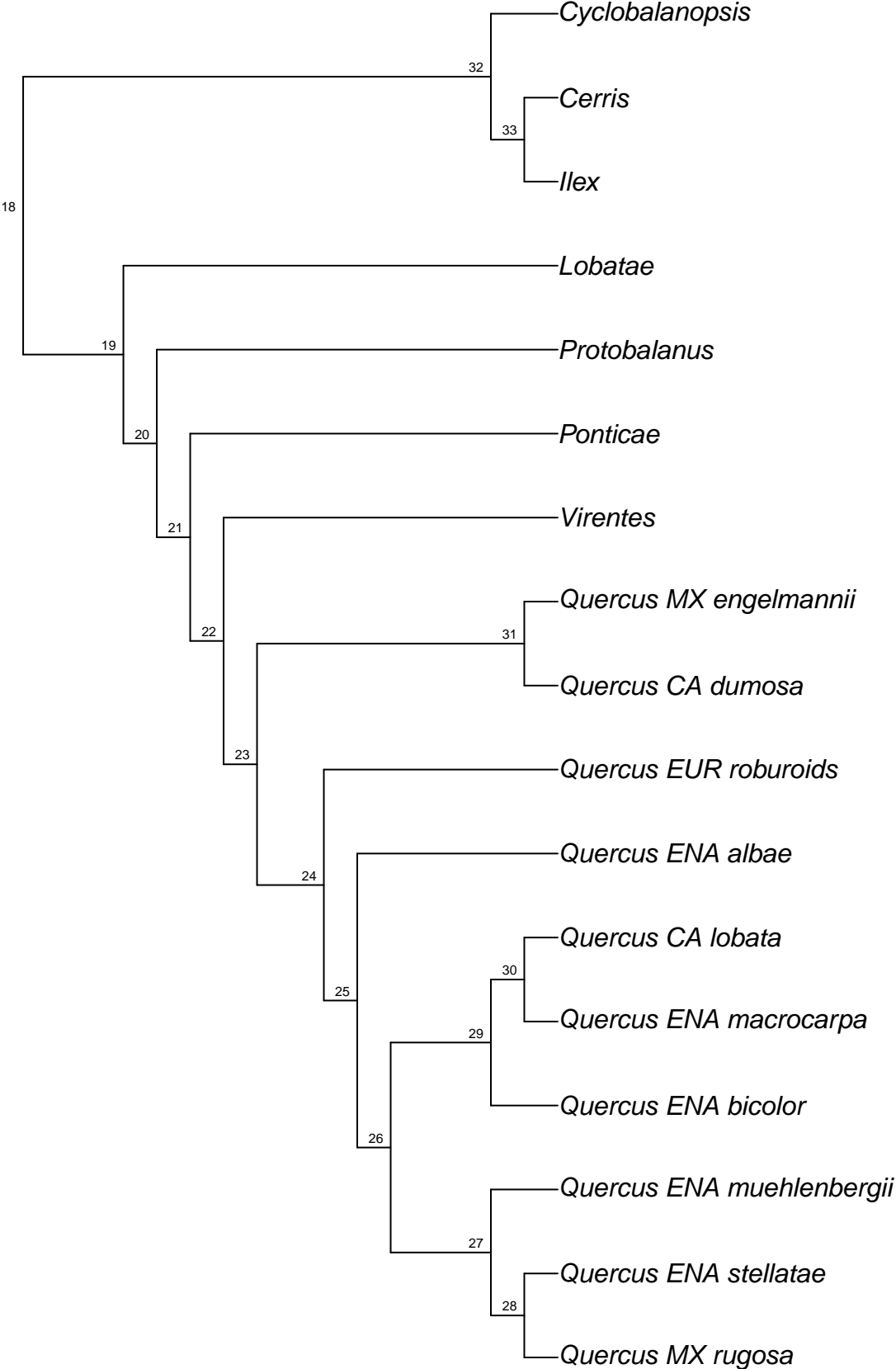
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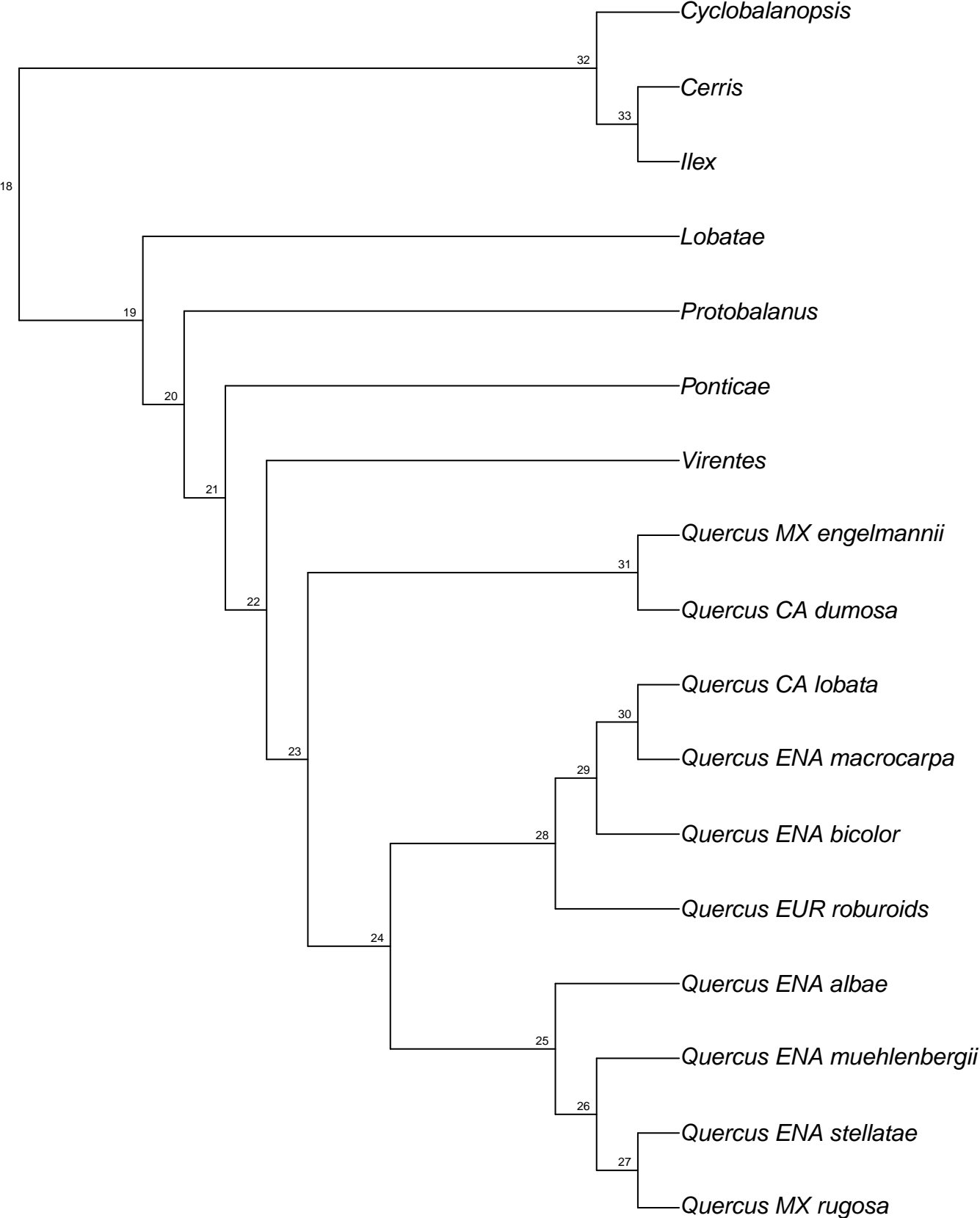
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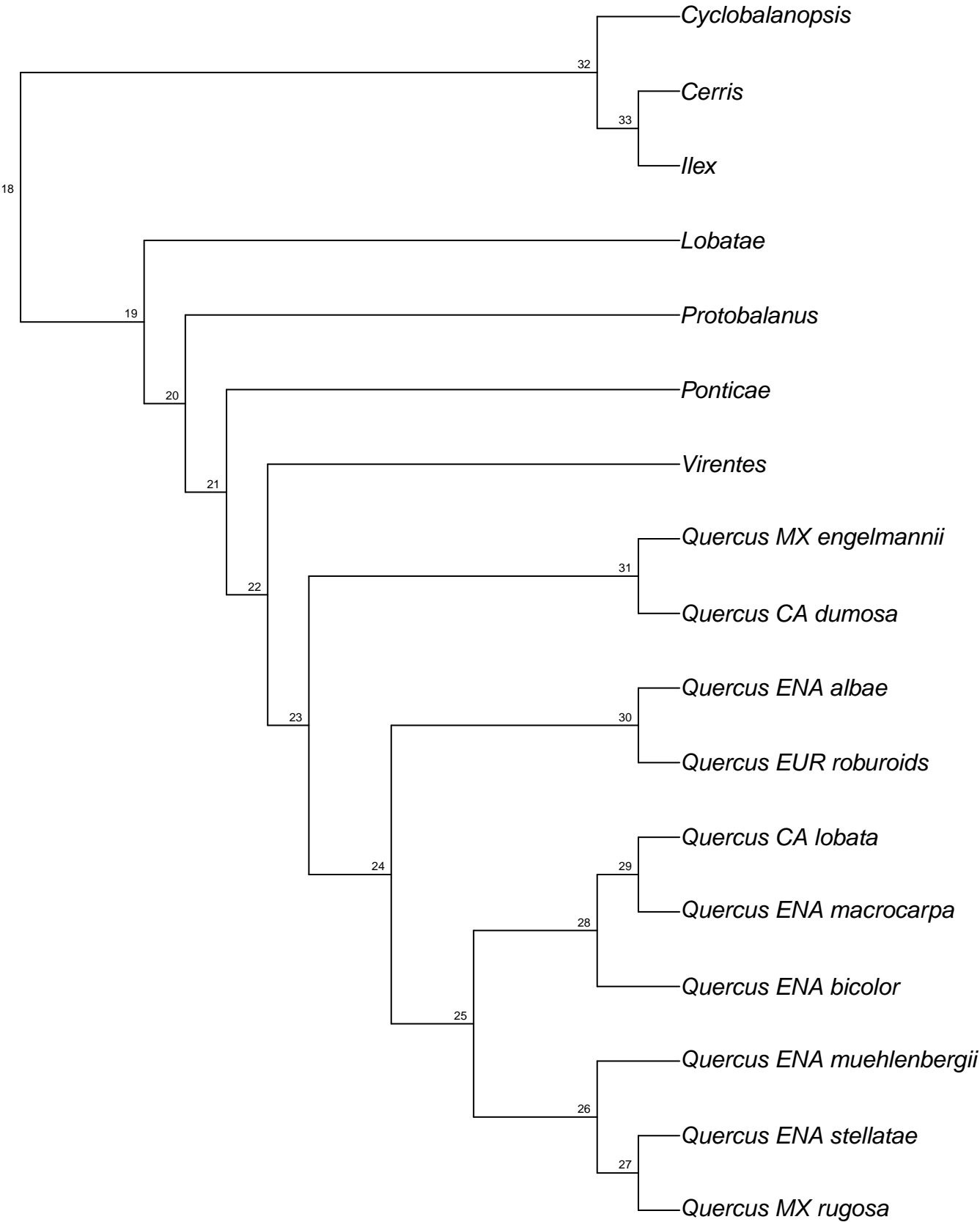
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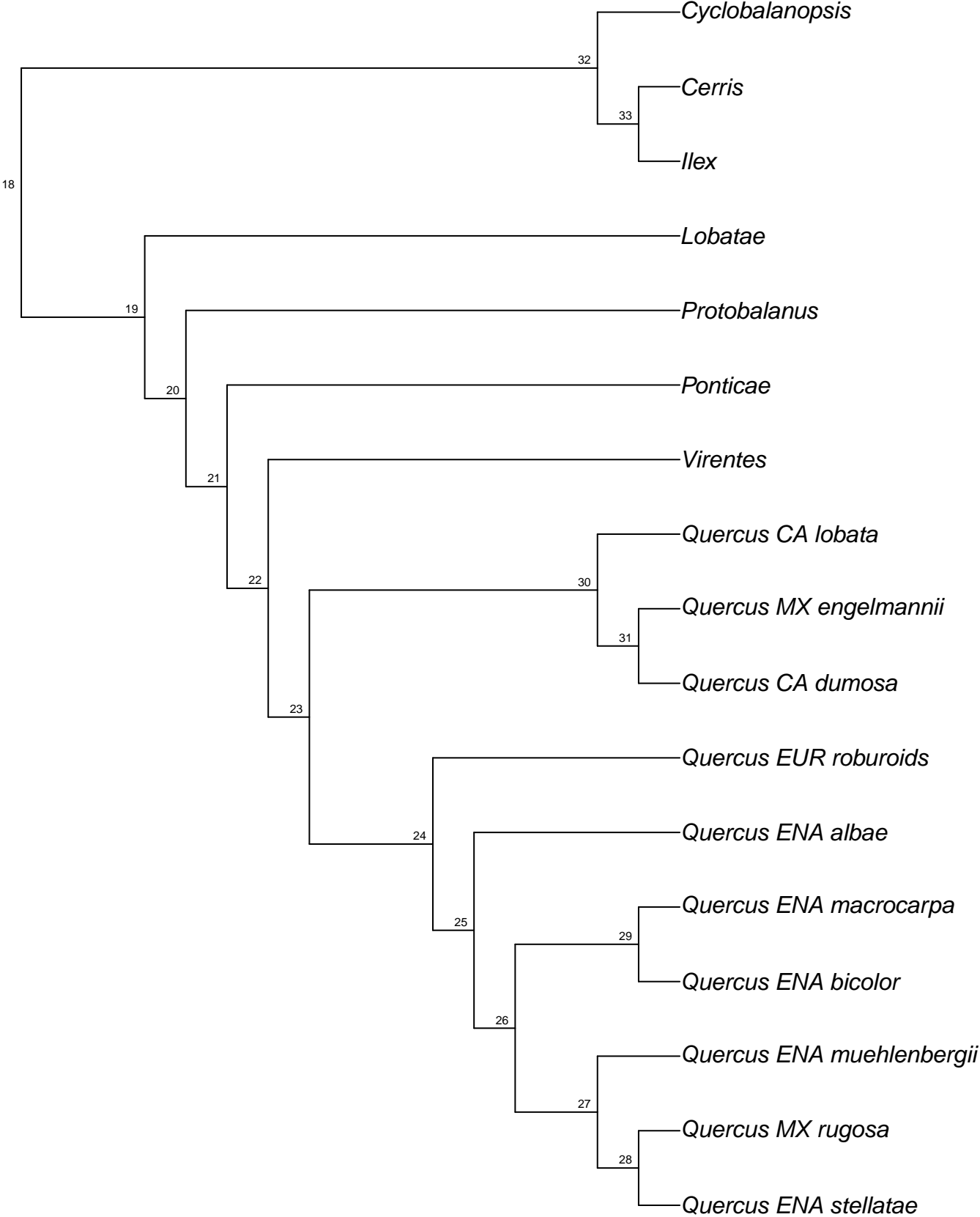


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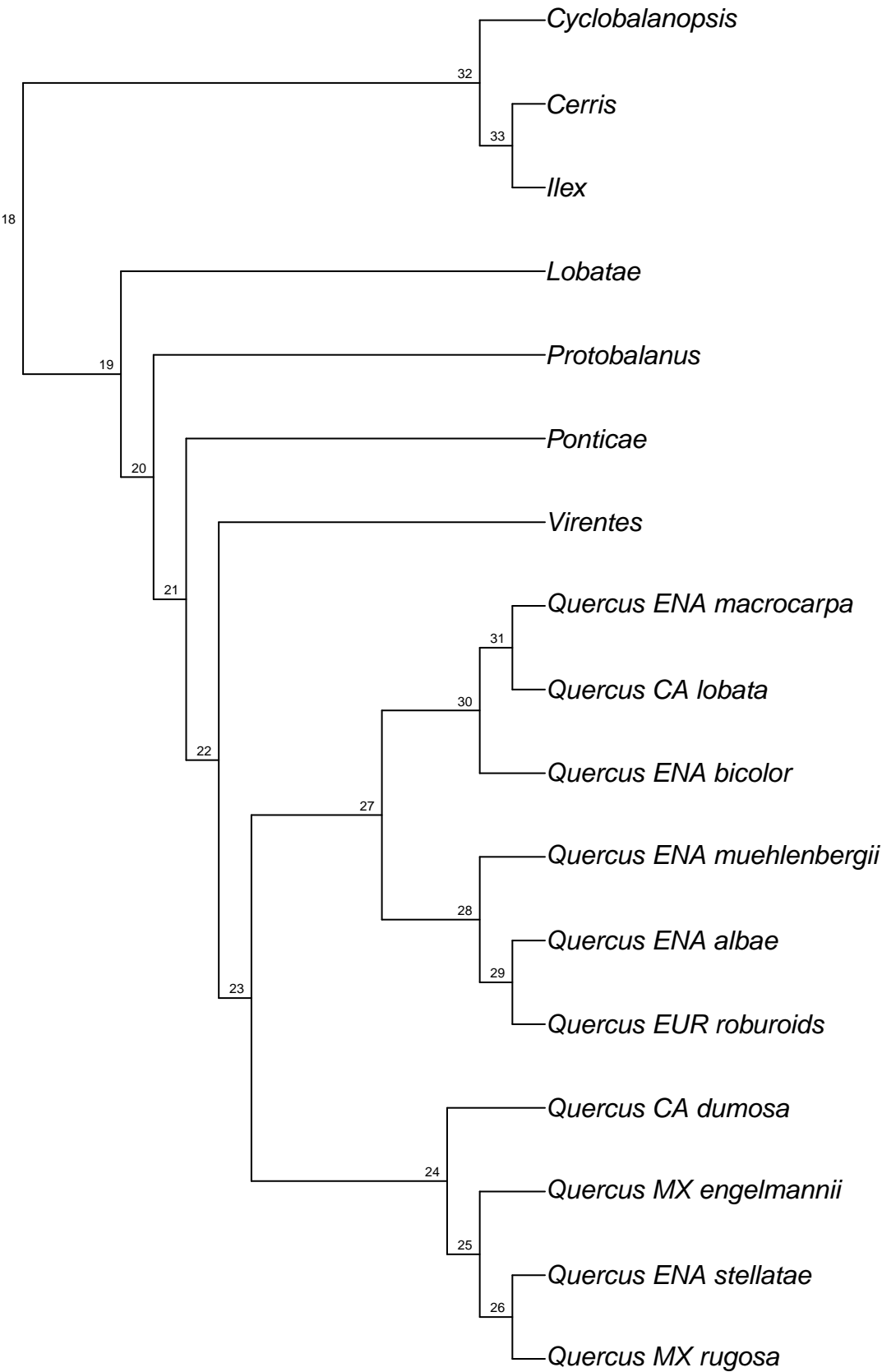


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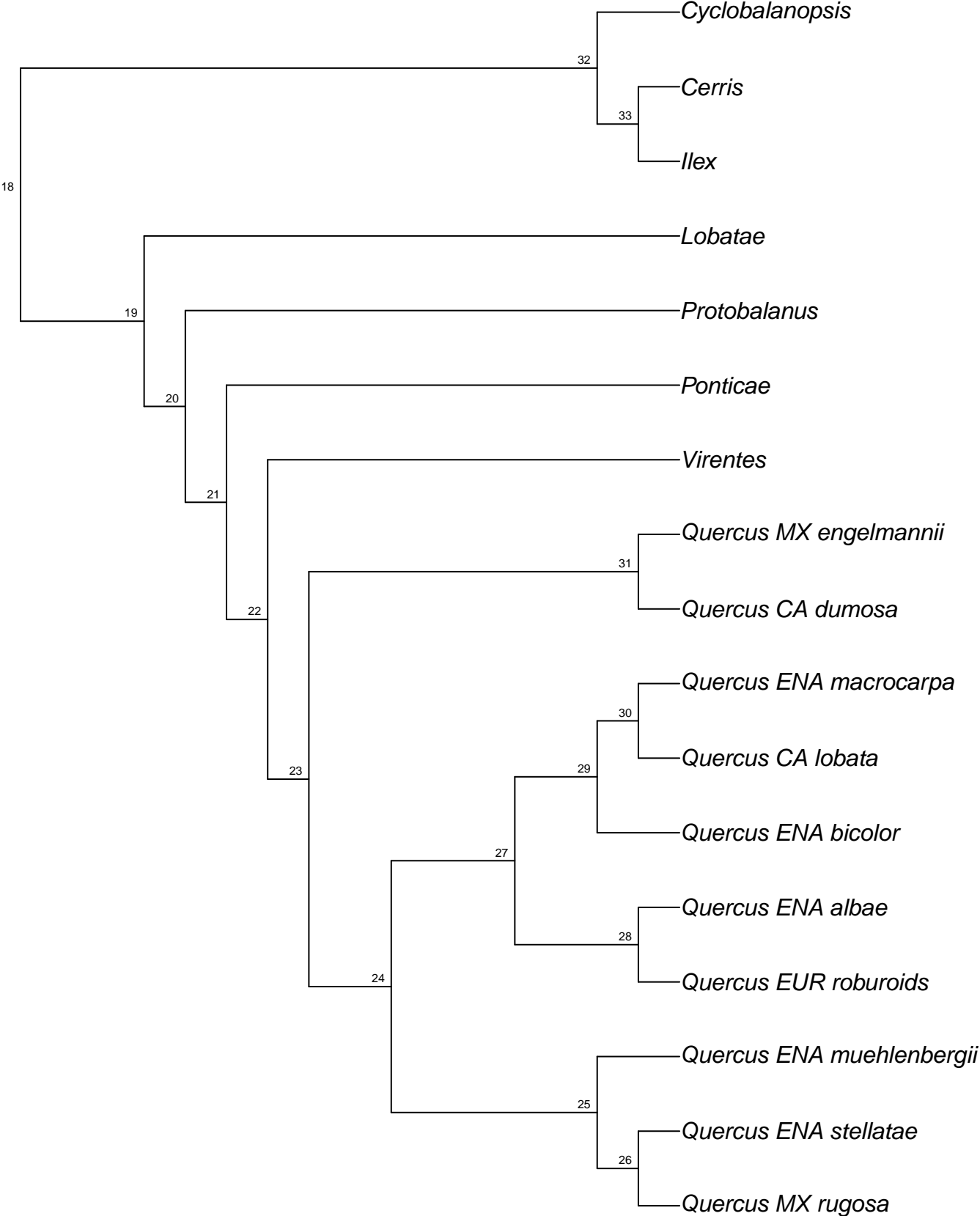




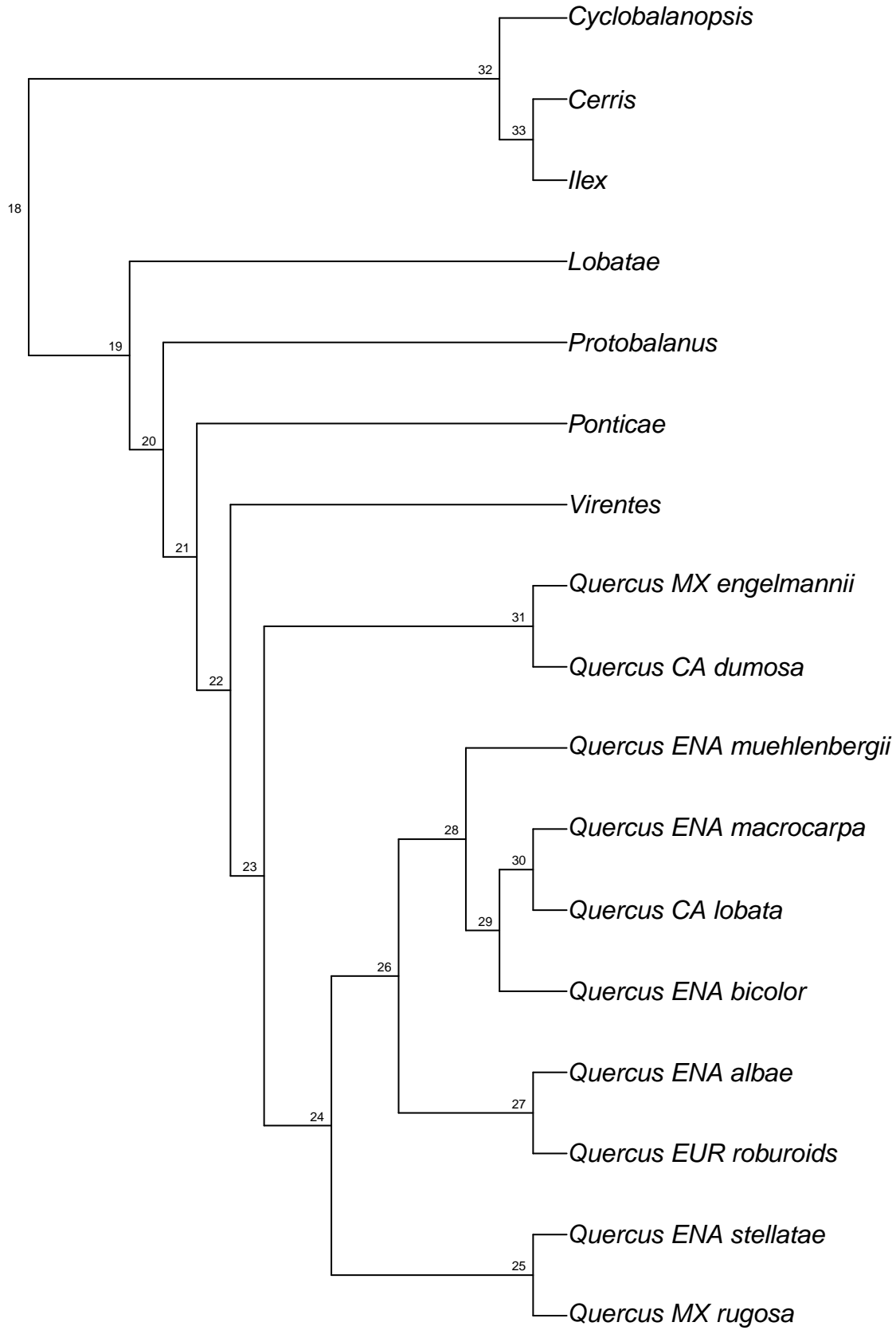
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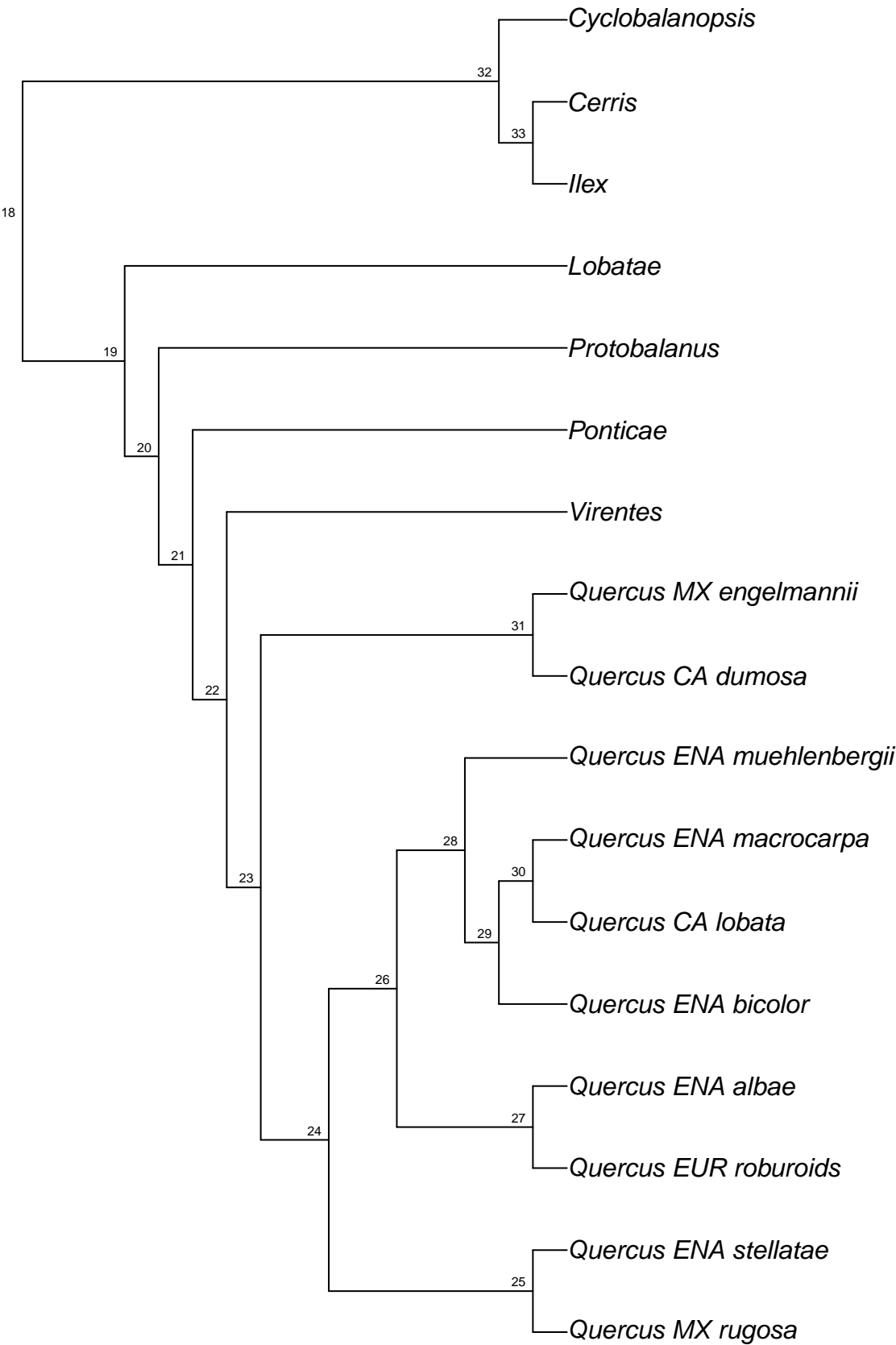
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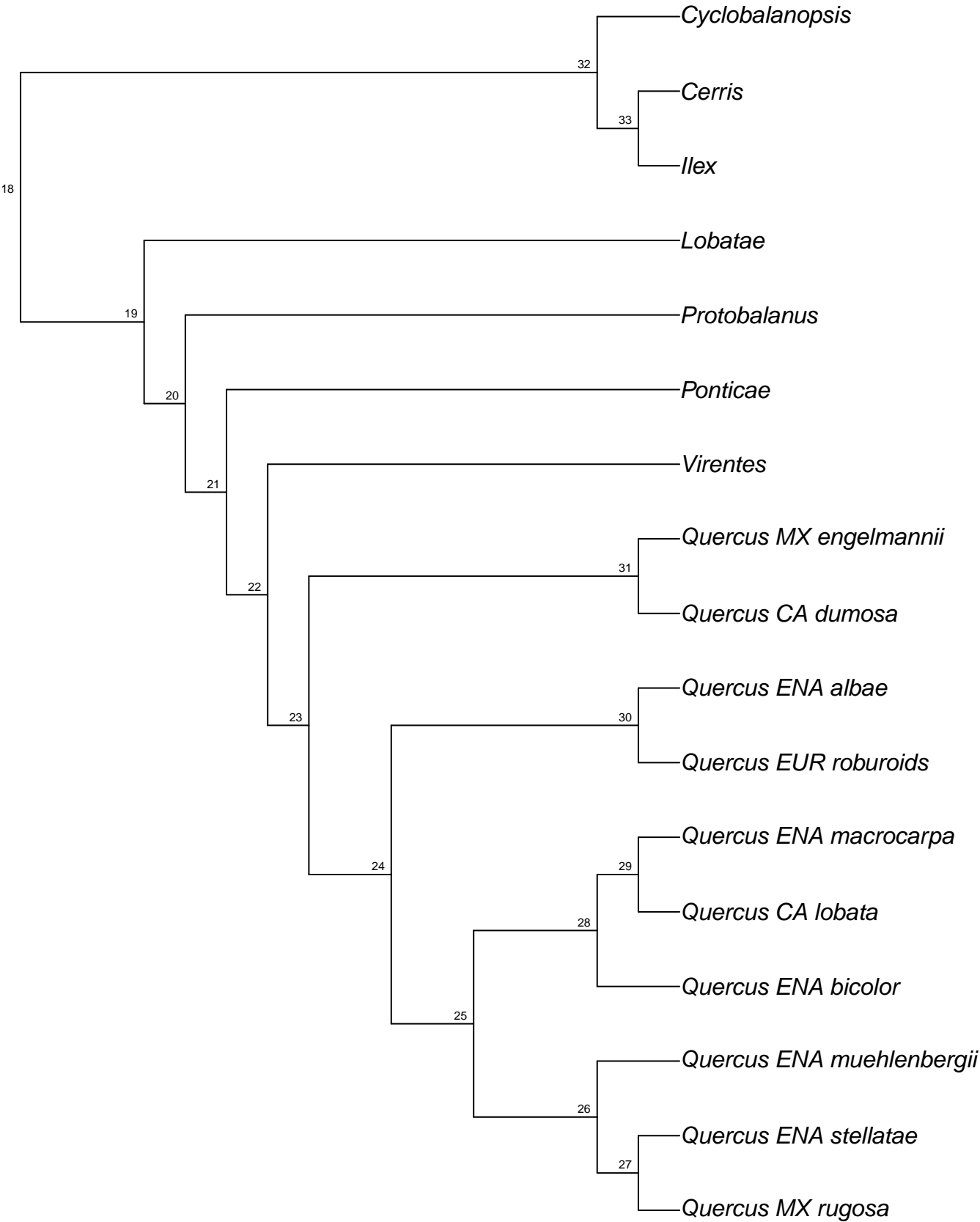
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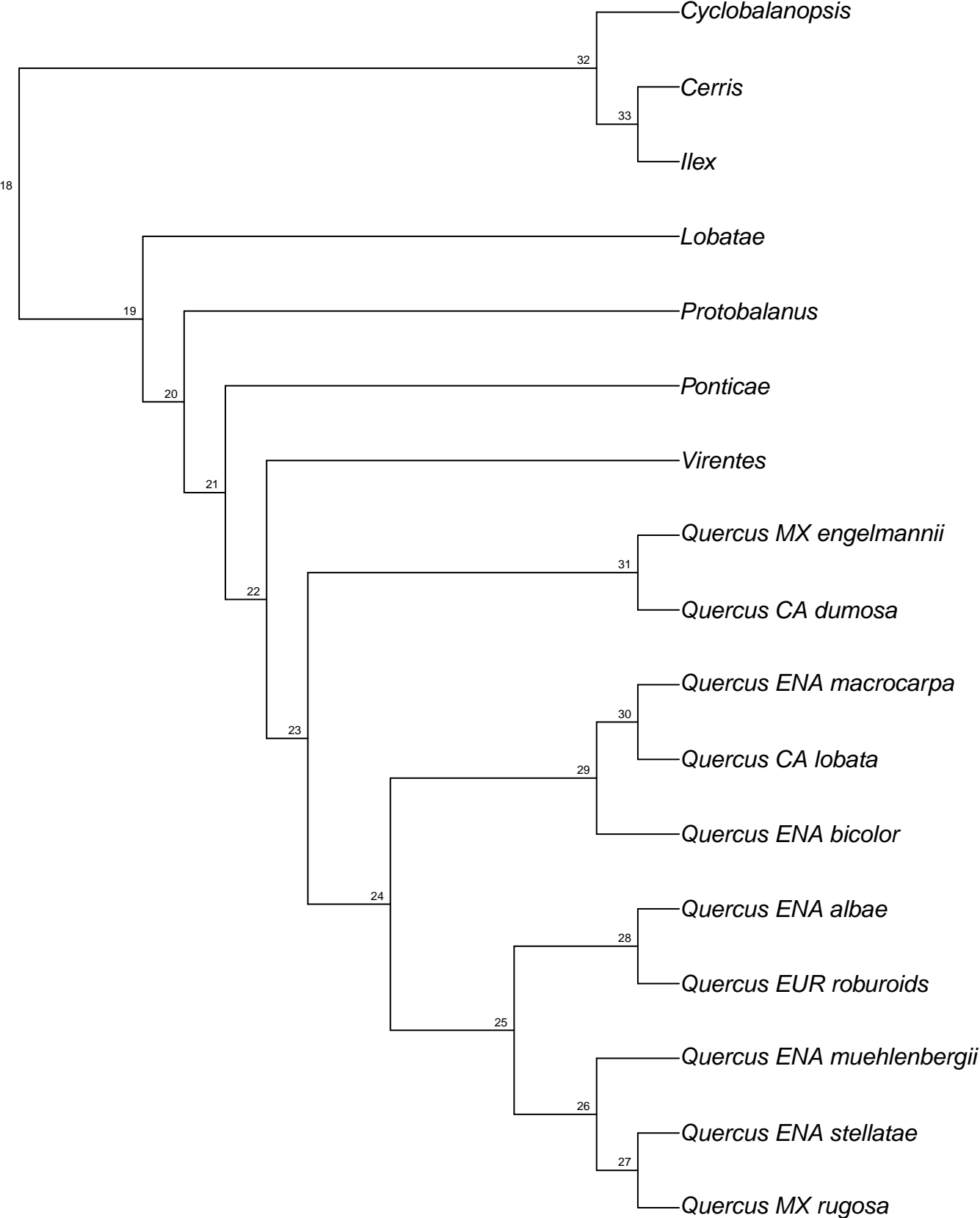
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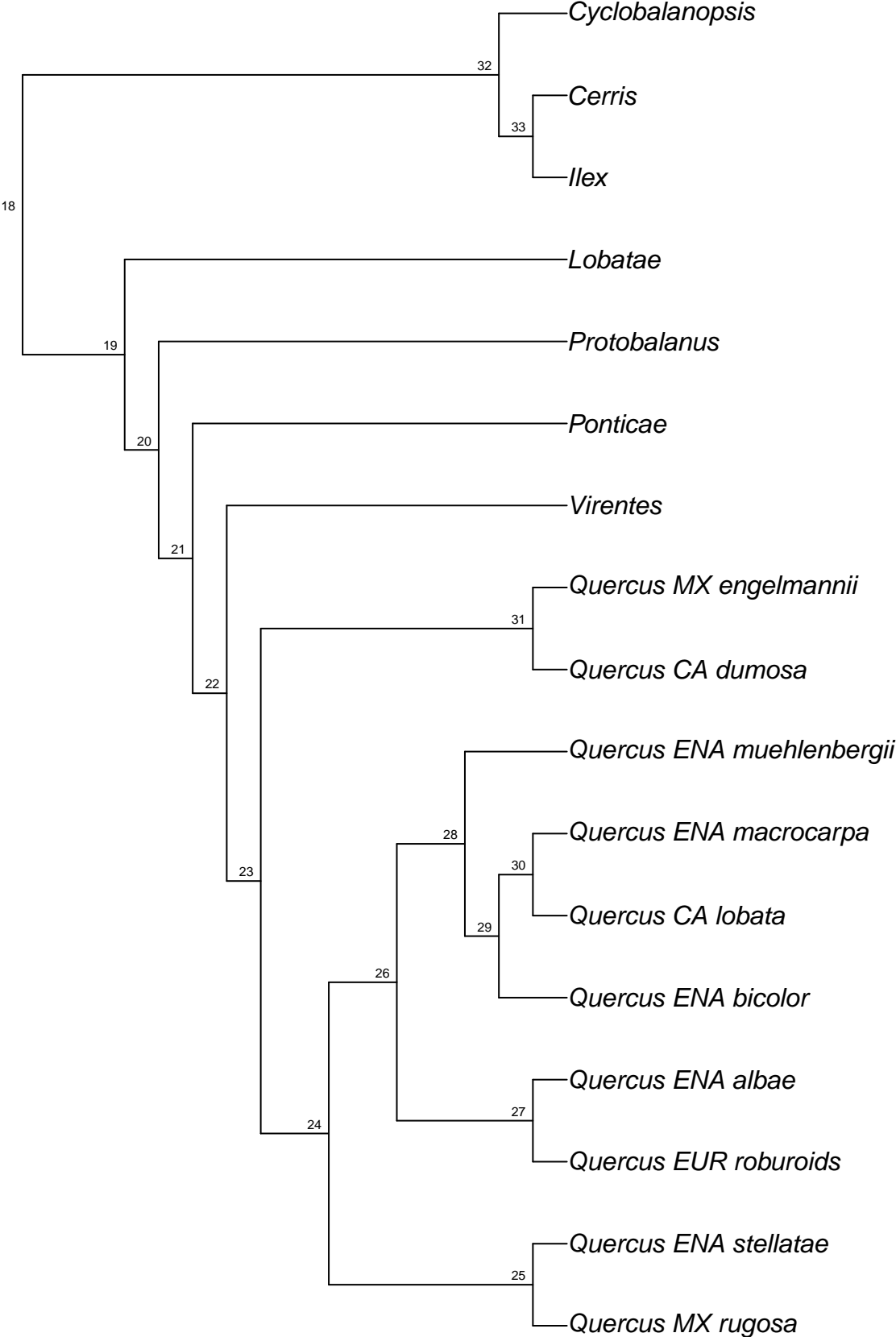
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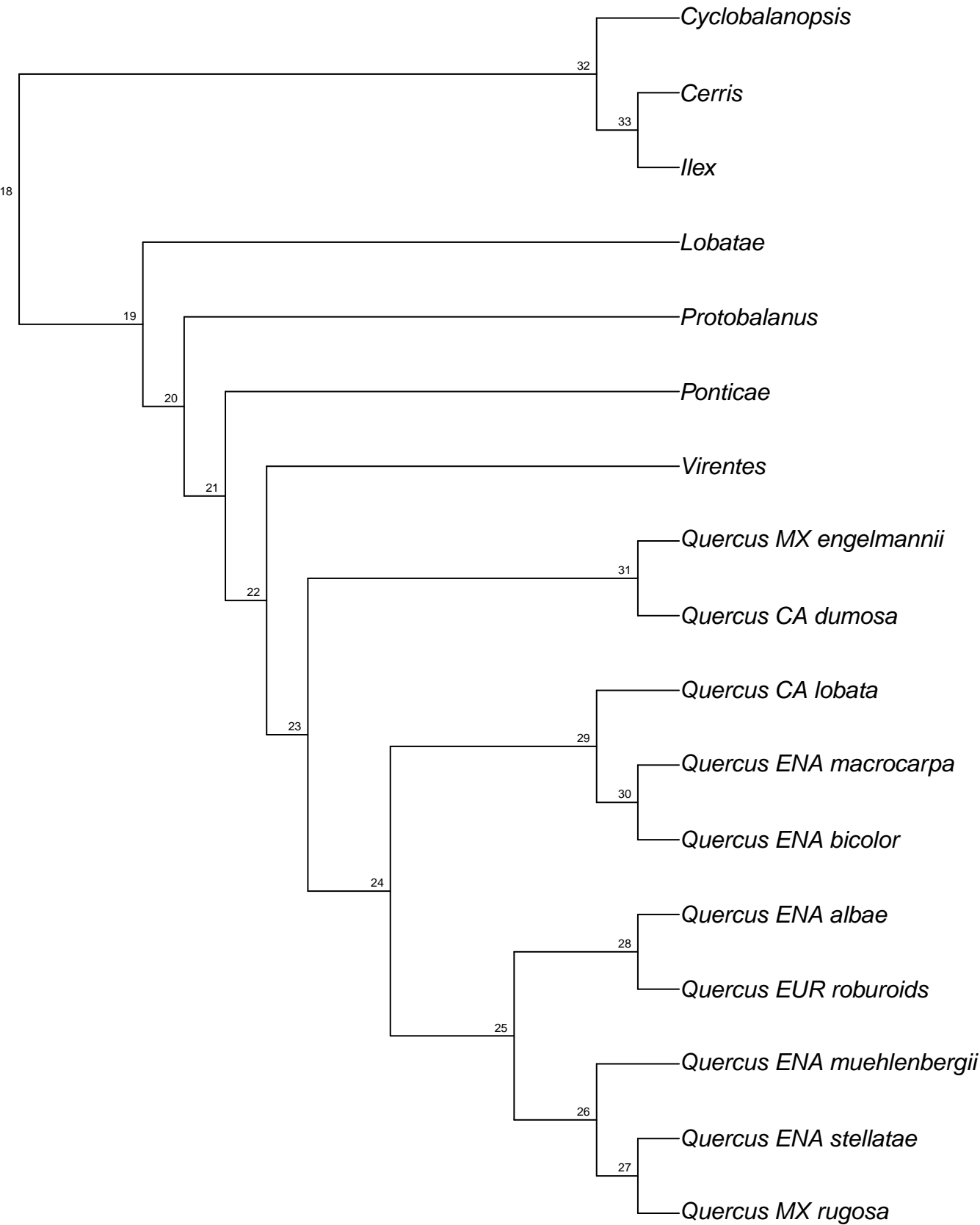
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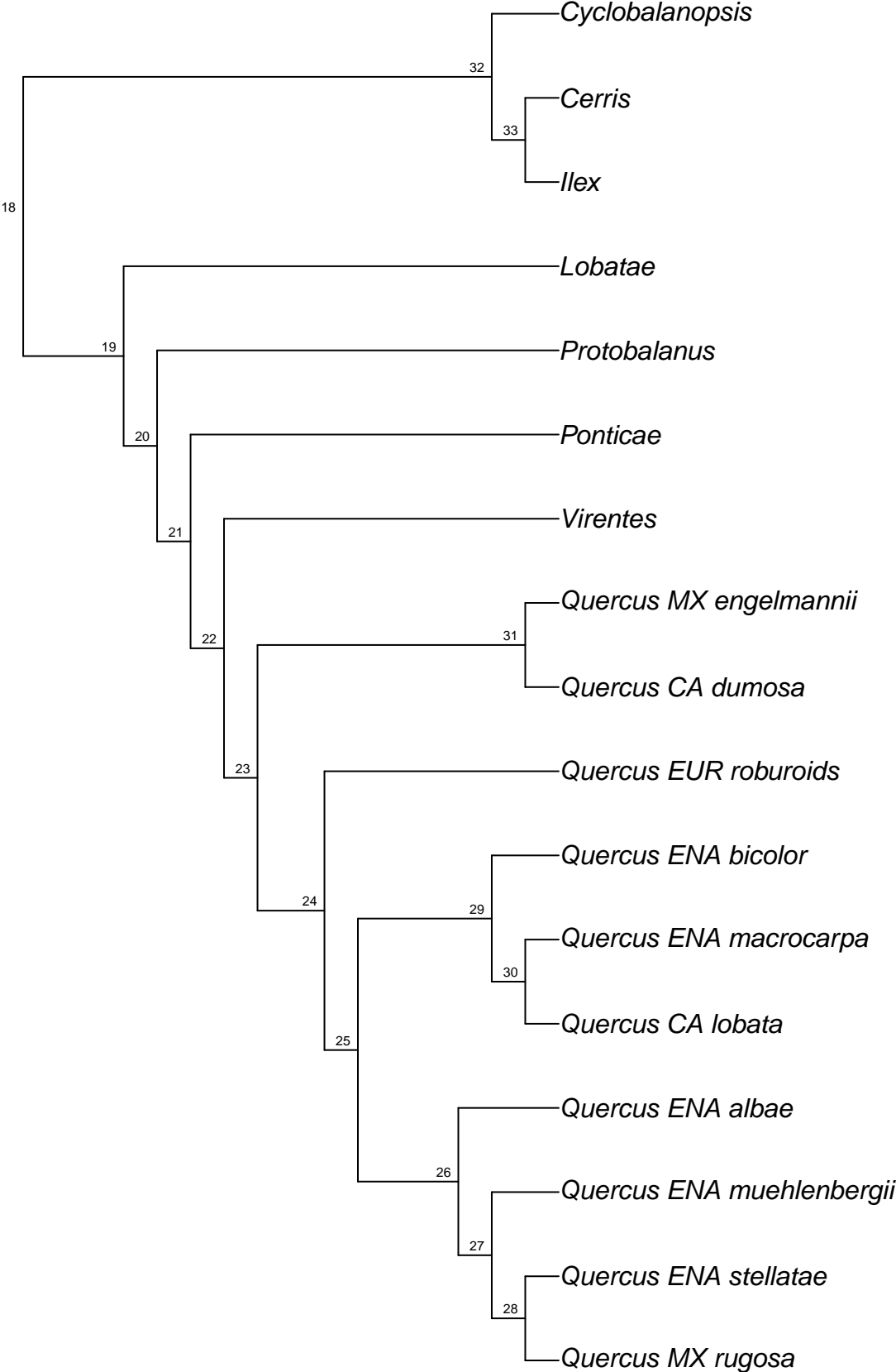
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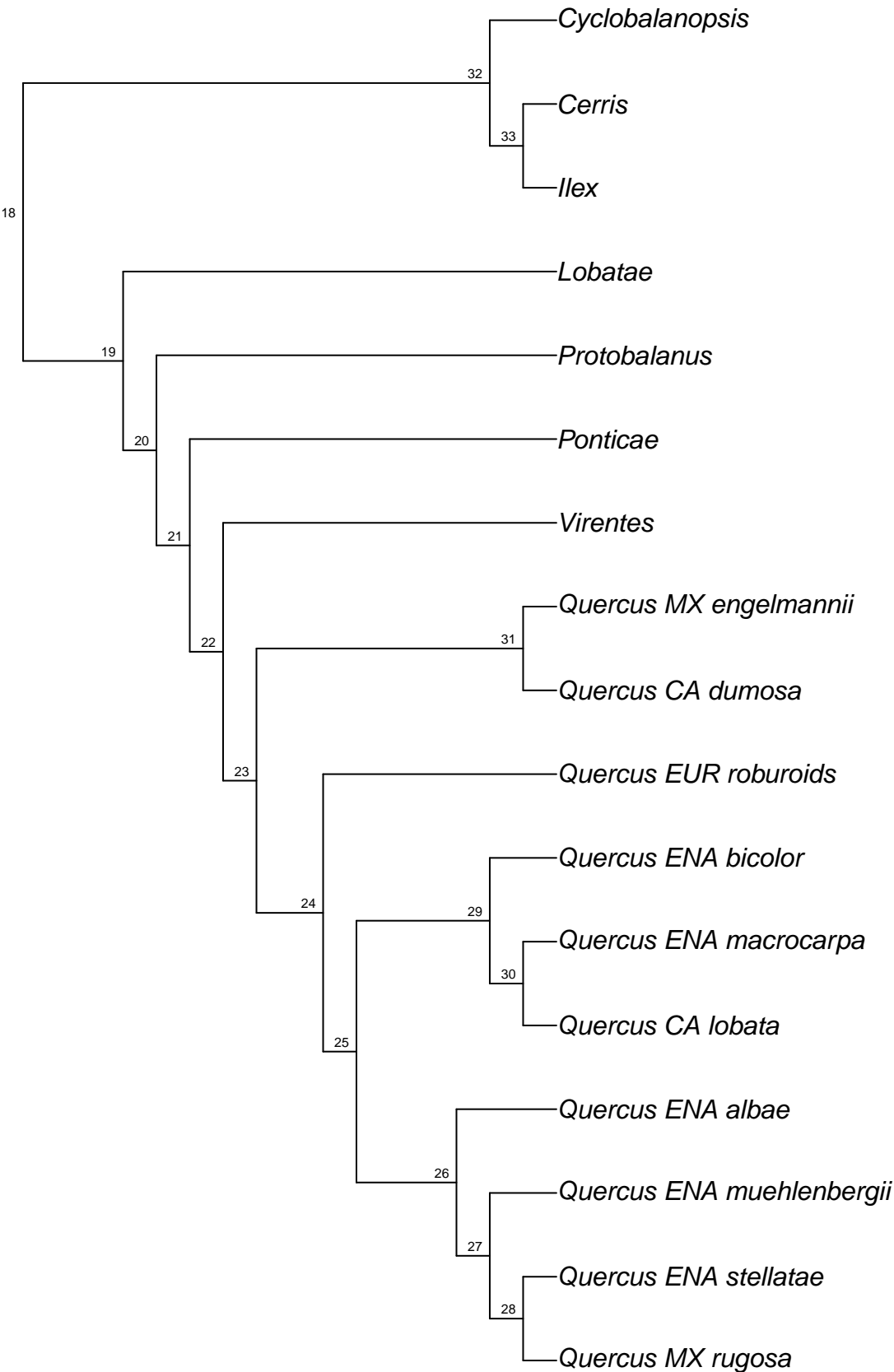
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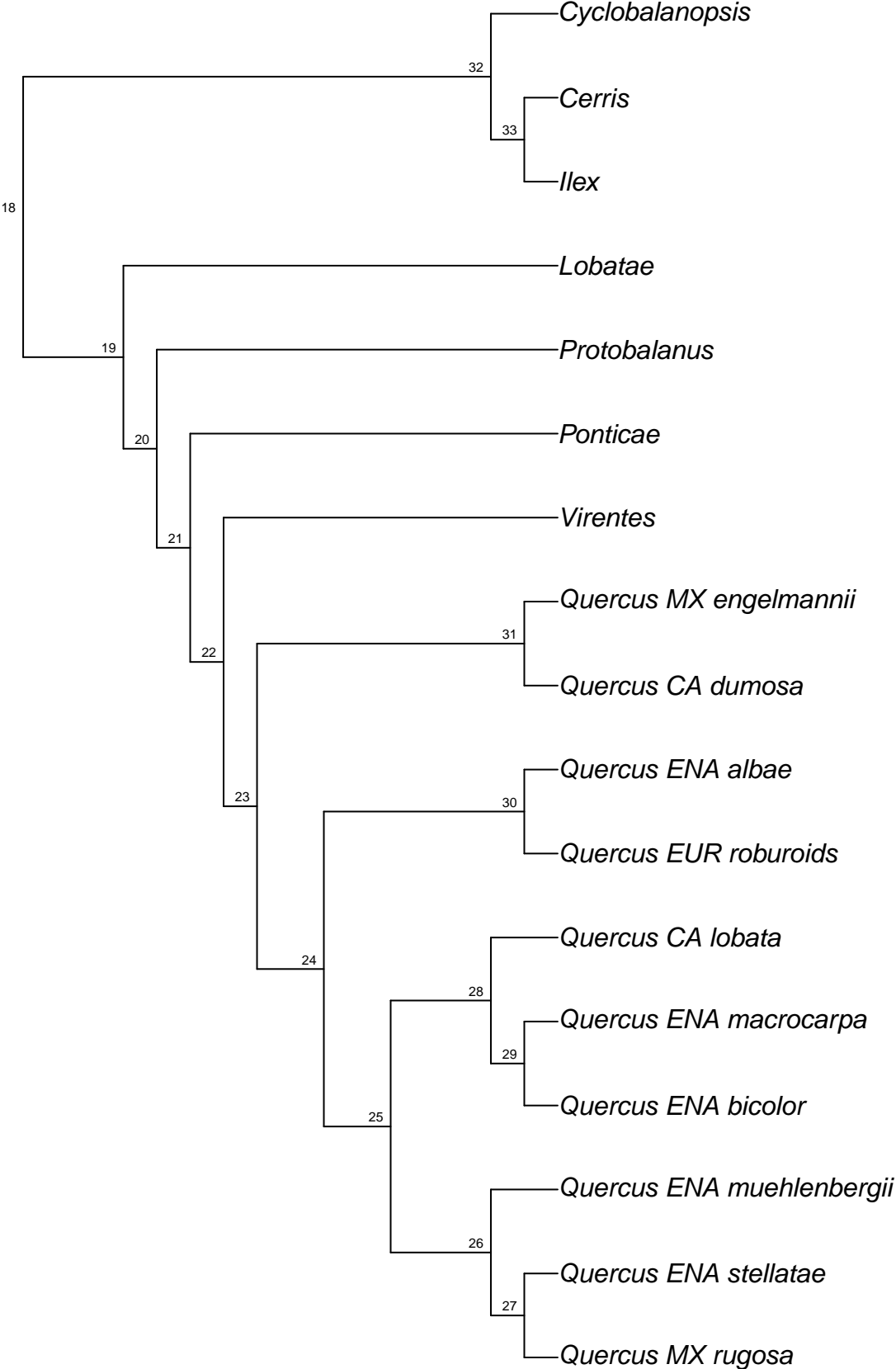
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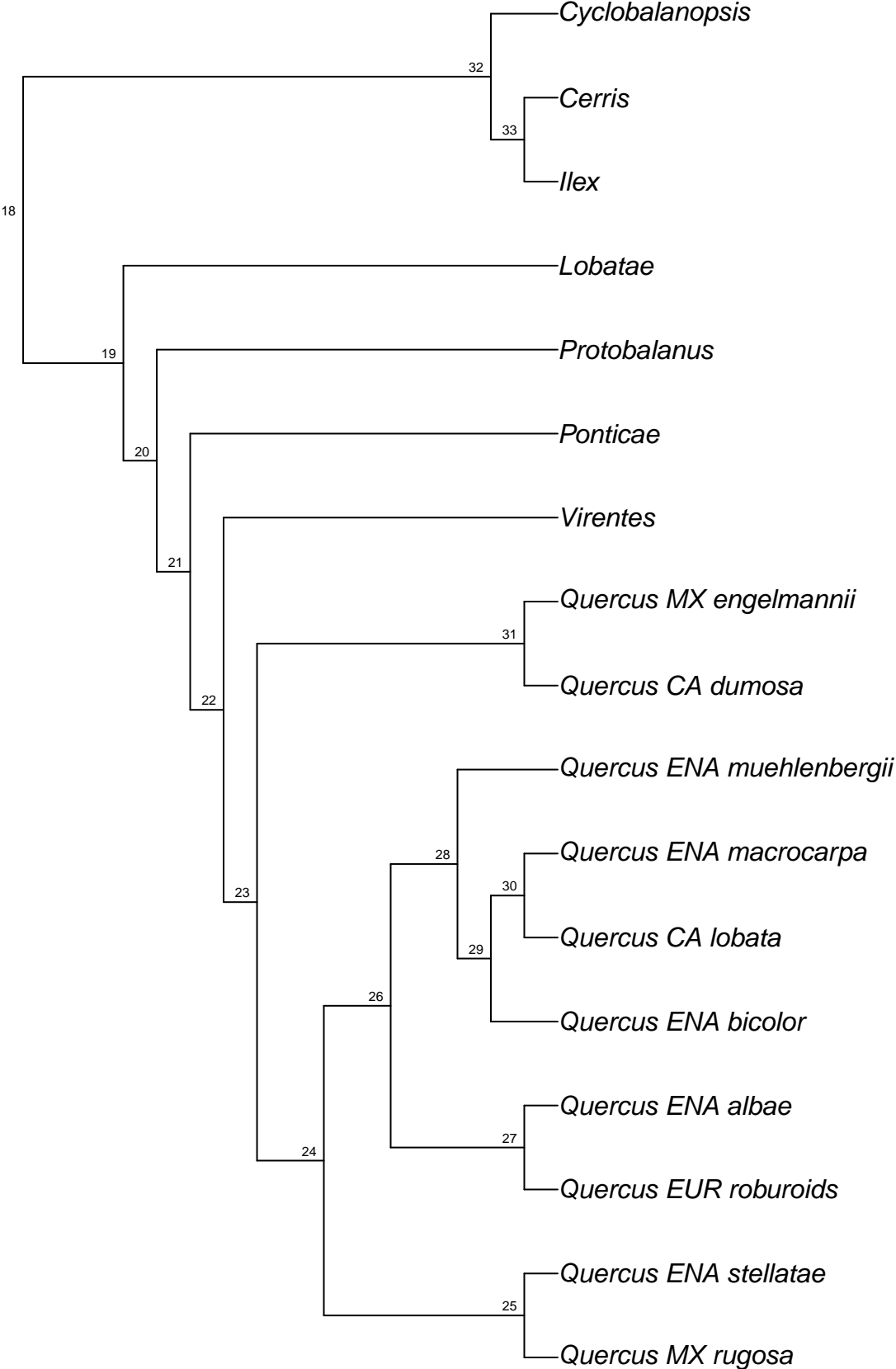
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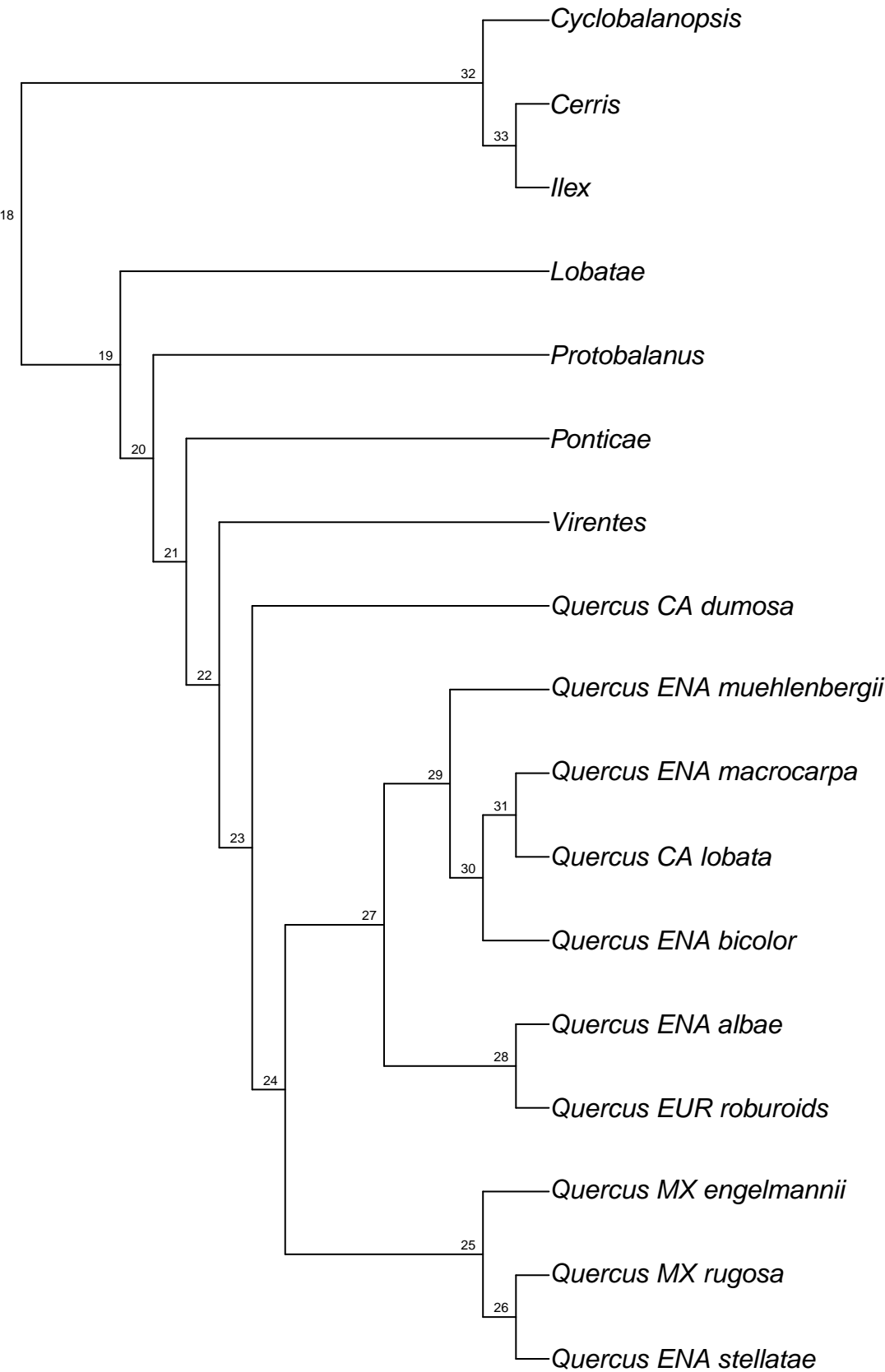
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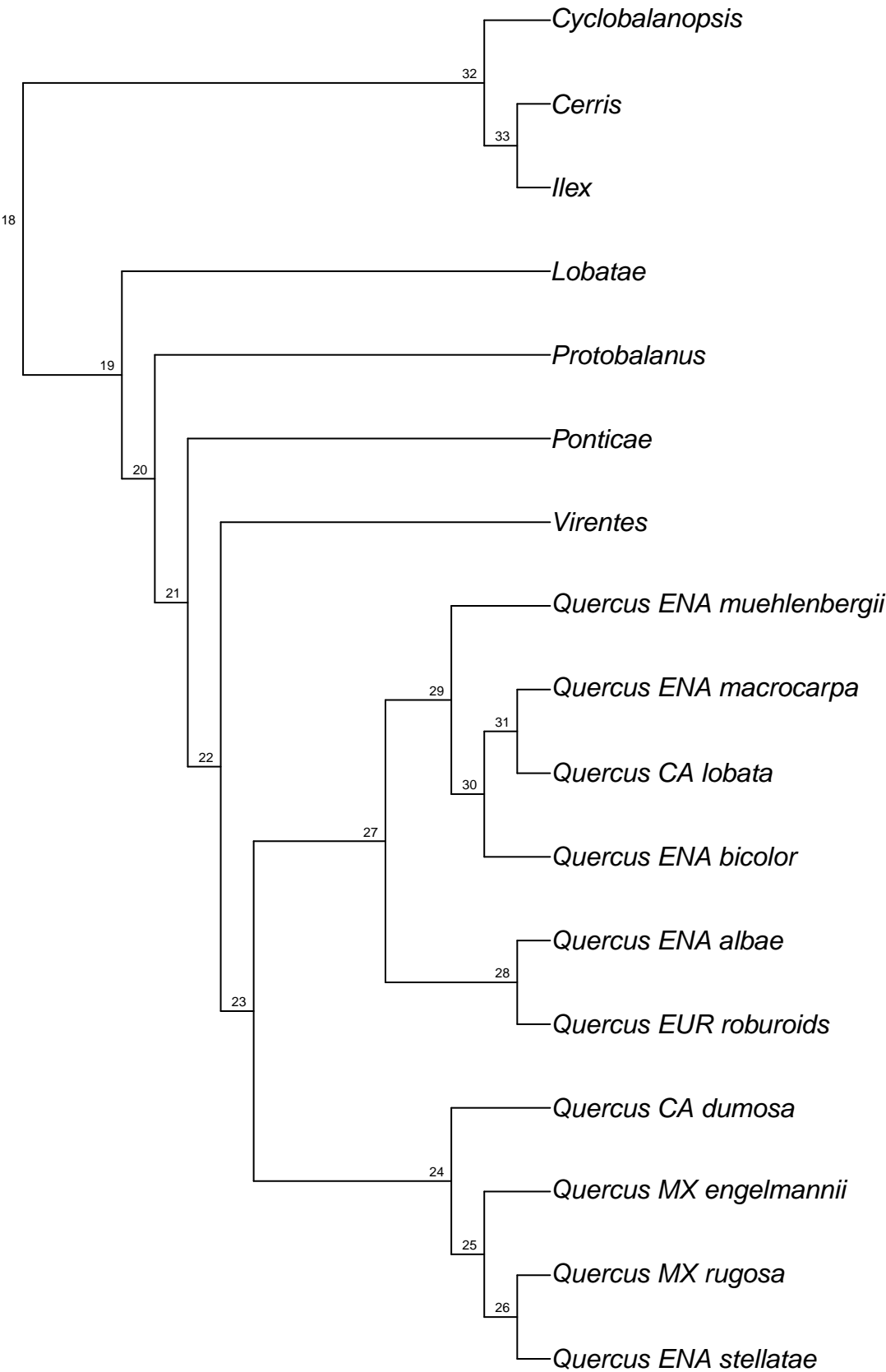
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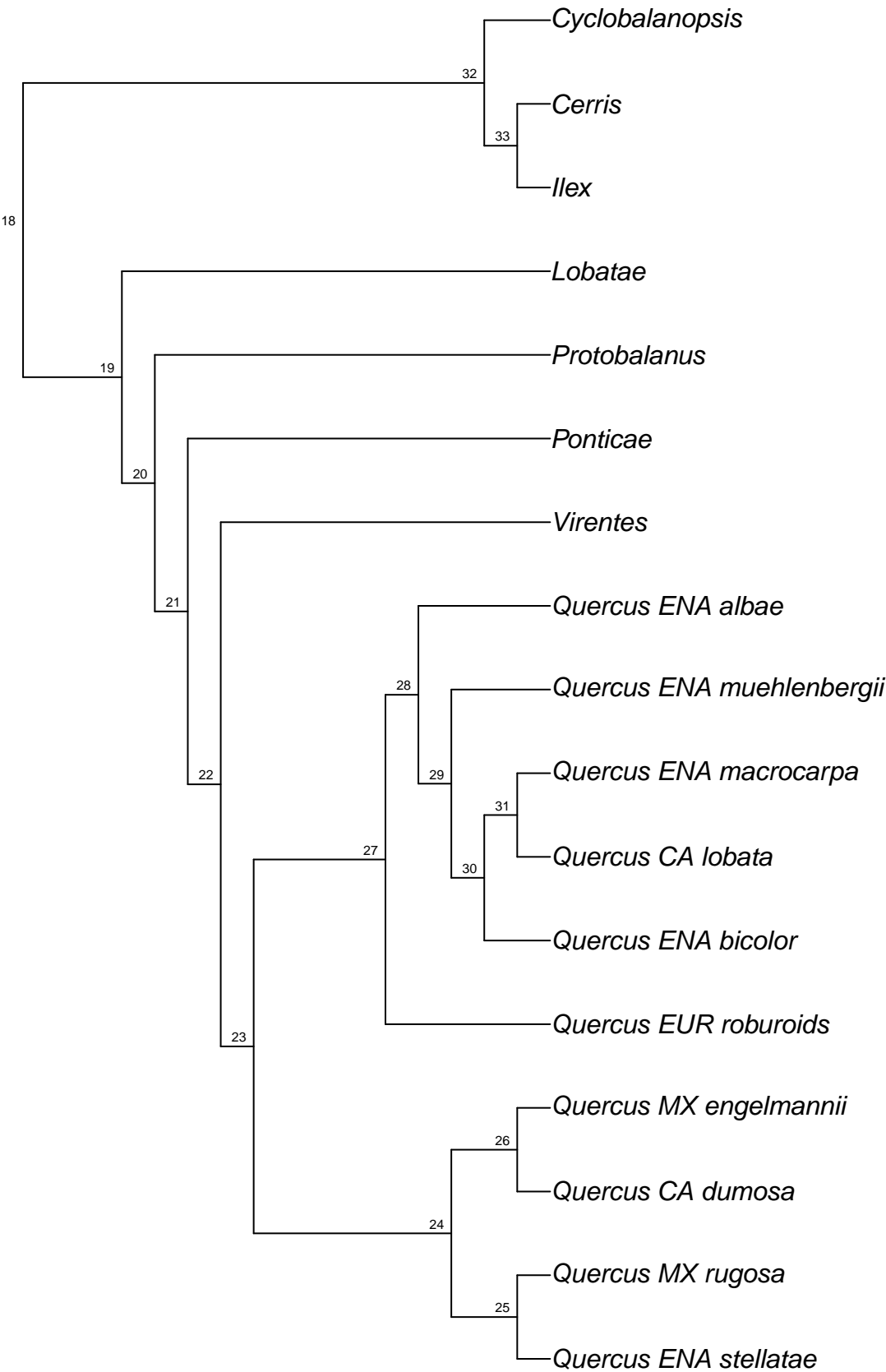
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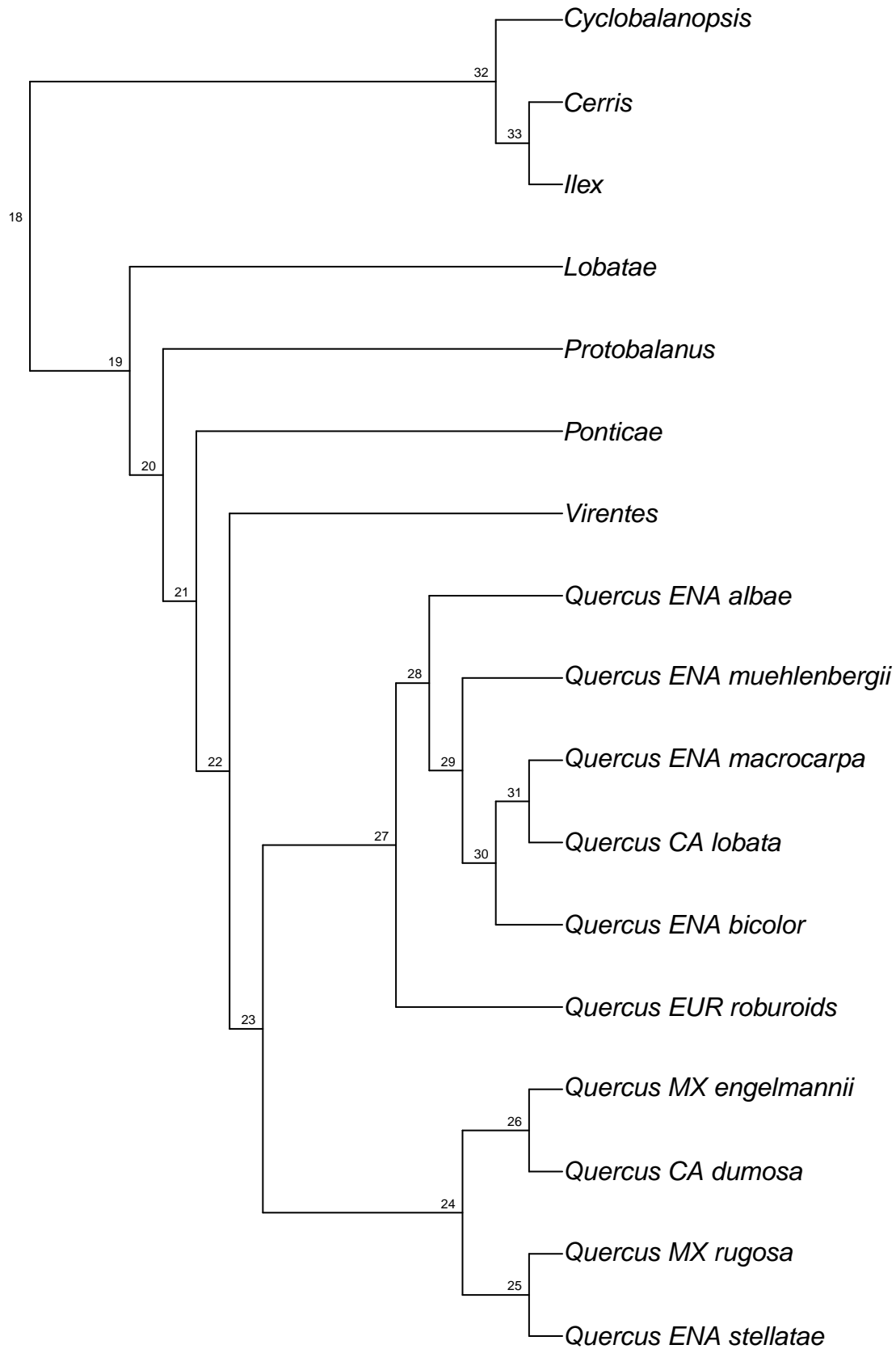
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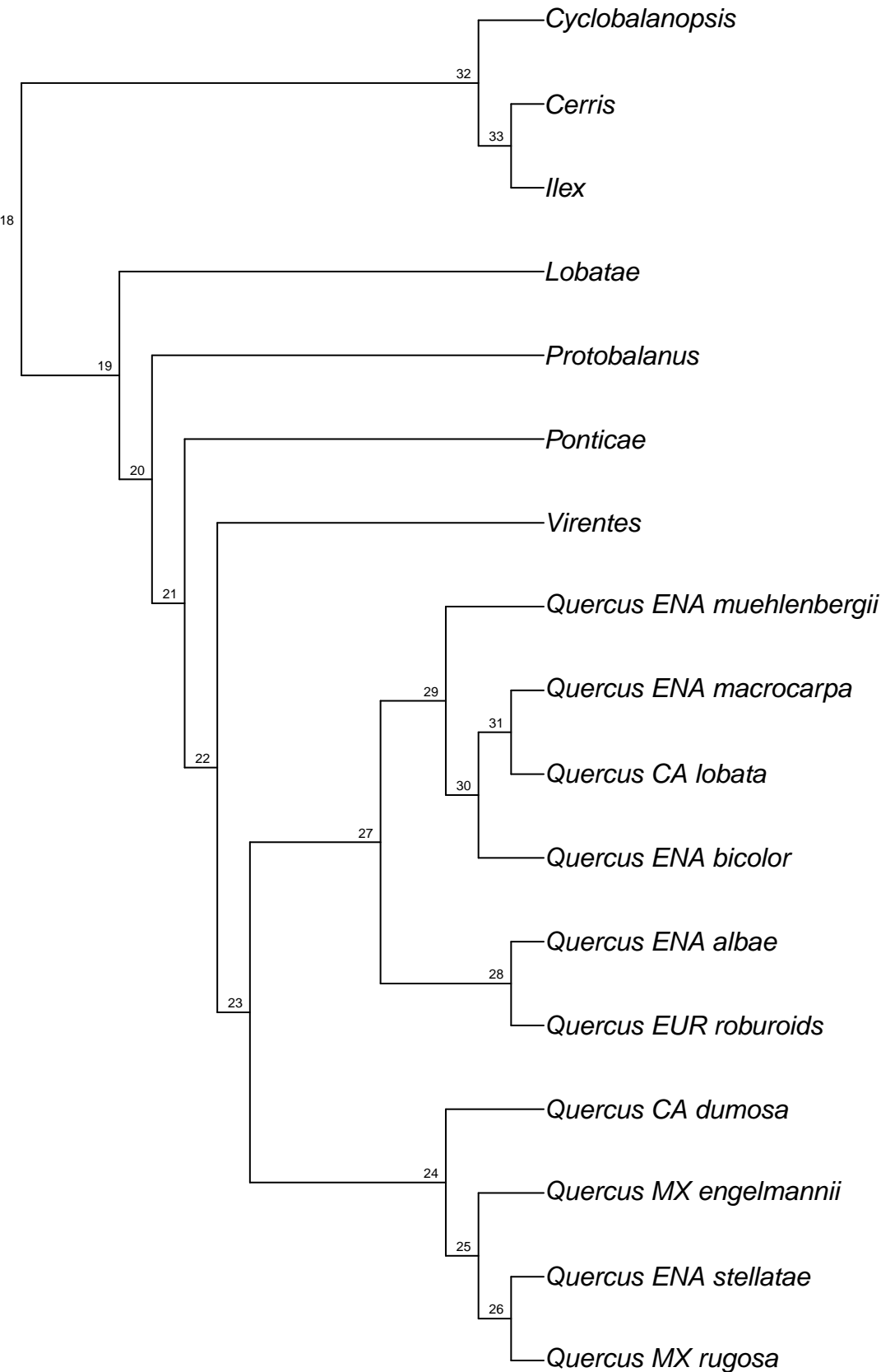
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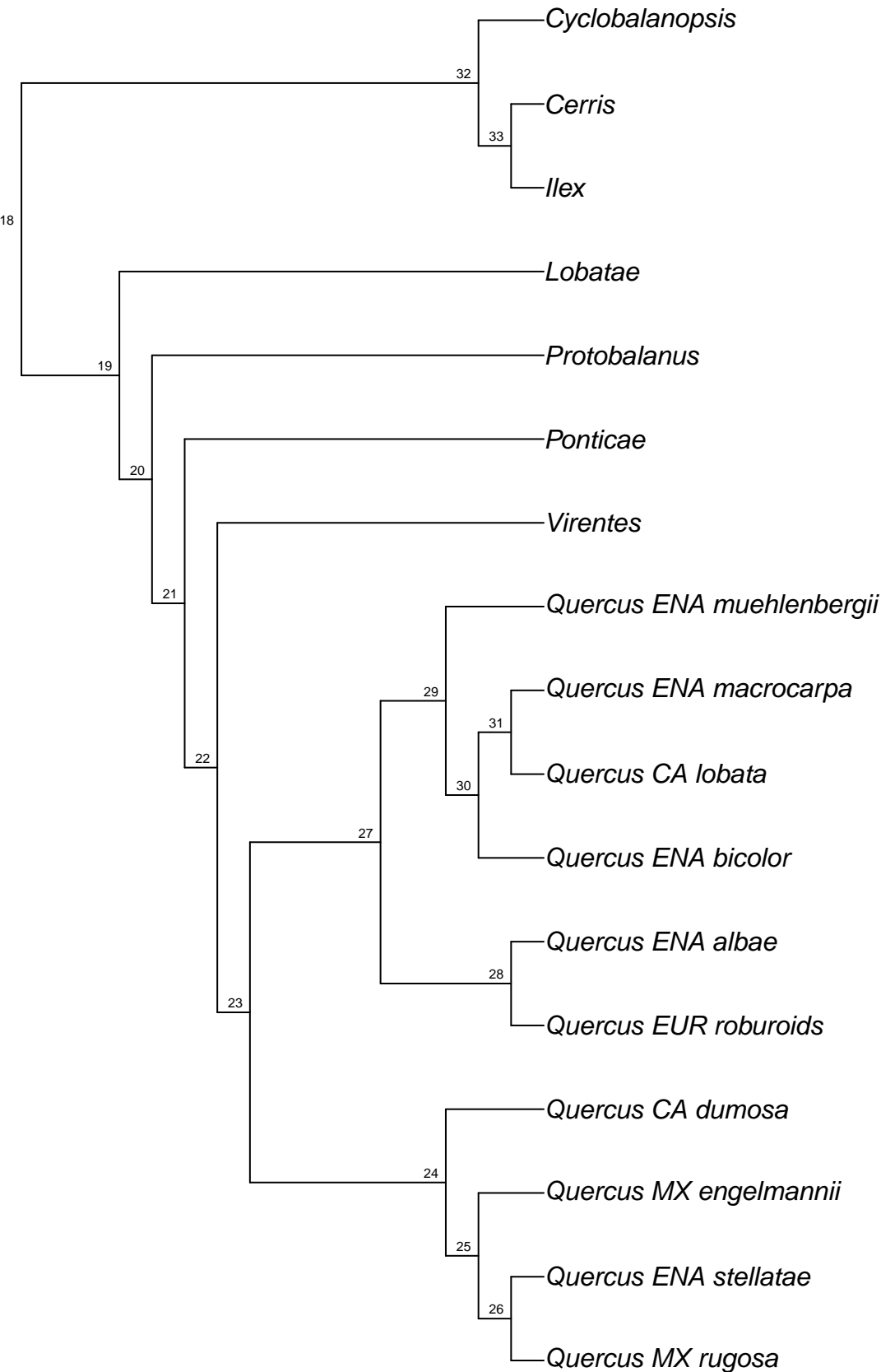
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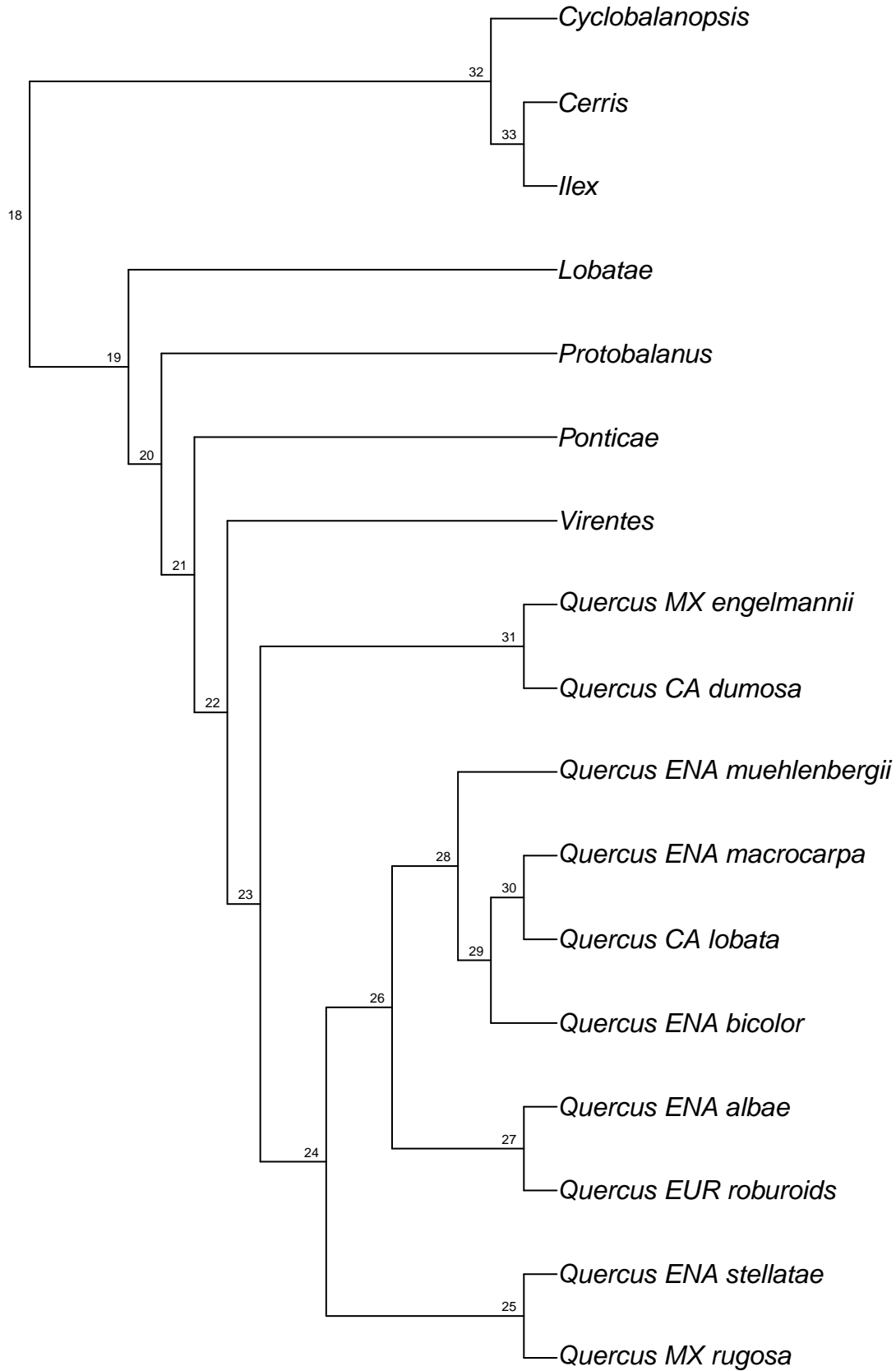
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refRAD.ref_glauca_raxml.bt060



refRAD.ref_glauca_raxml.bt061

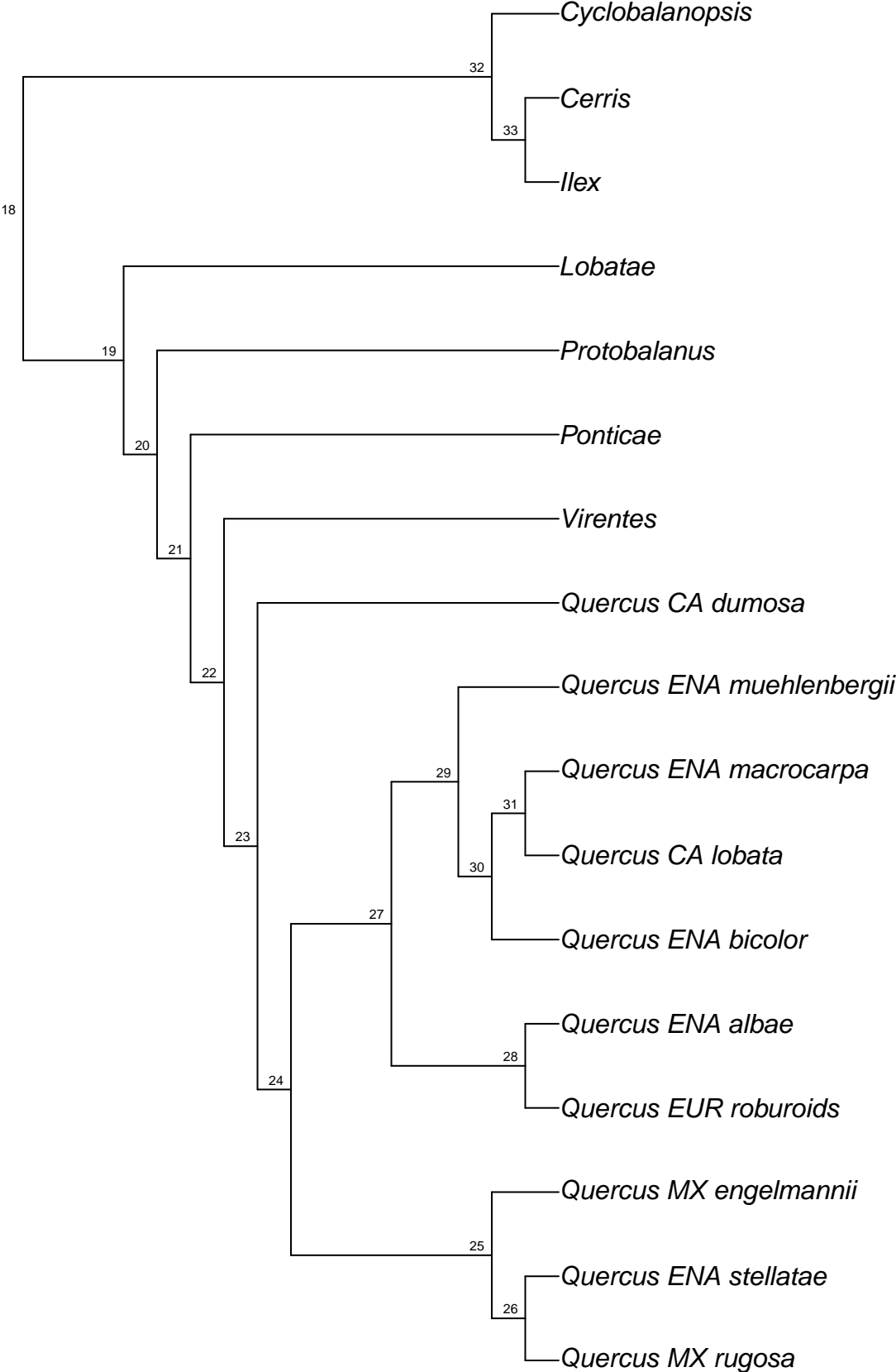


Phylogenetic tree showing relationships between *Quercus* species and other genera, based on 18S rDNA sequences. Bootstrap values are indicated at the nodes.

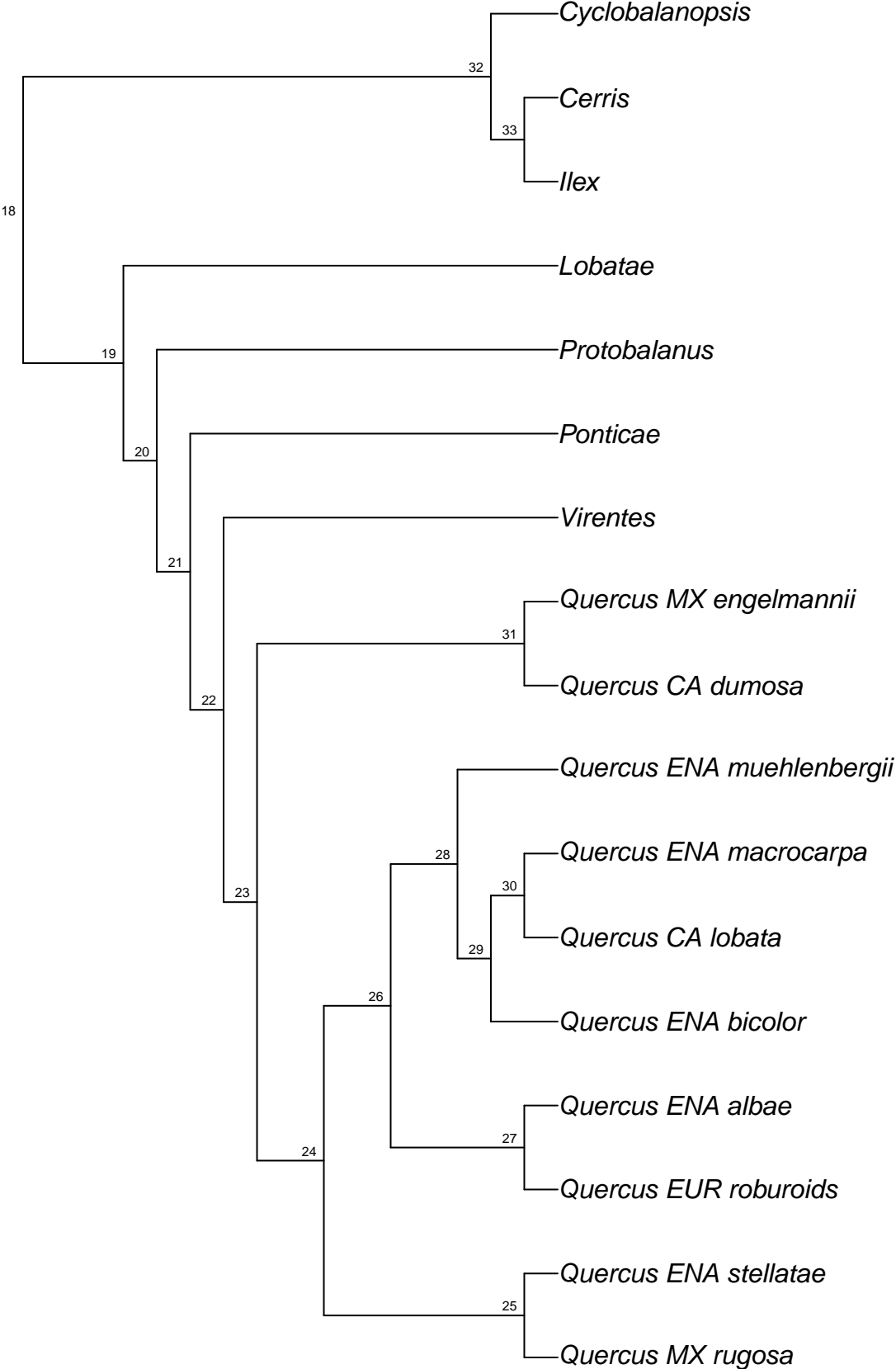
Species and their corresponding bootstrap values (in parentheses):

- Cyclobalanopsis* (32)
- Cerris* (33)
- Ilex* (33)
- Lobatae* (19)
- Protobalanus* (20)
- Ponticae* (21)
- Virentes* (22)
- Quercus MX engelmannii* (31)
- Quercus CA dumosa* (31)
- Quercus ENA muehlenbergii* (28)
- Quercus ENA macrocarpa* (30)
- Quercus CA lobata* (29)
- Quercus ENA bicolor* (26)
- Quercus ENA albae* (27)
- Quercus EUR roburoids* (27)
- Quercus ENA stellatae* (25)
- Quercus MX rugosa* (25)

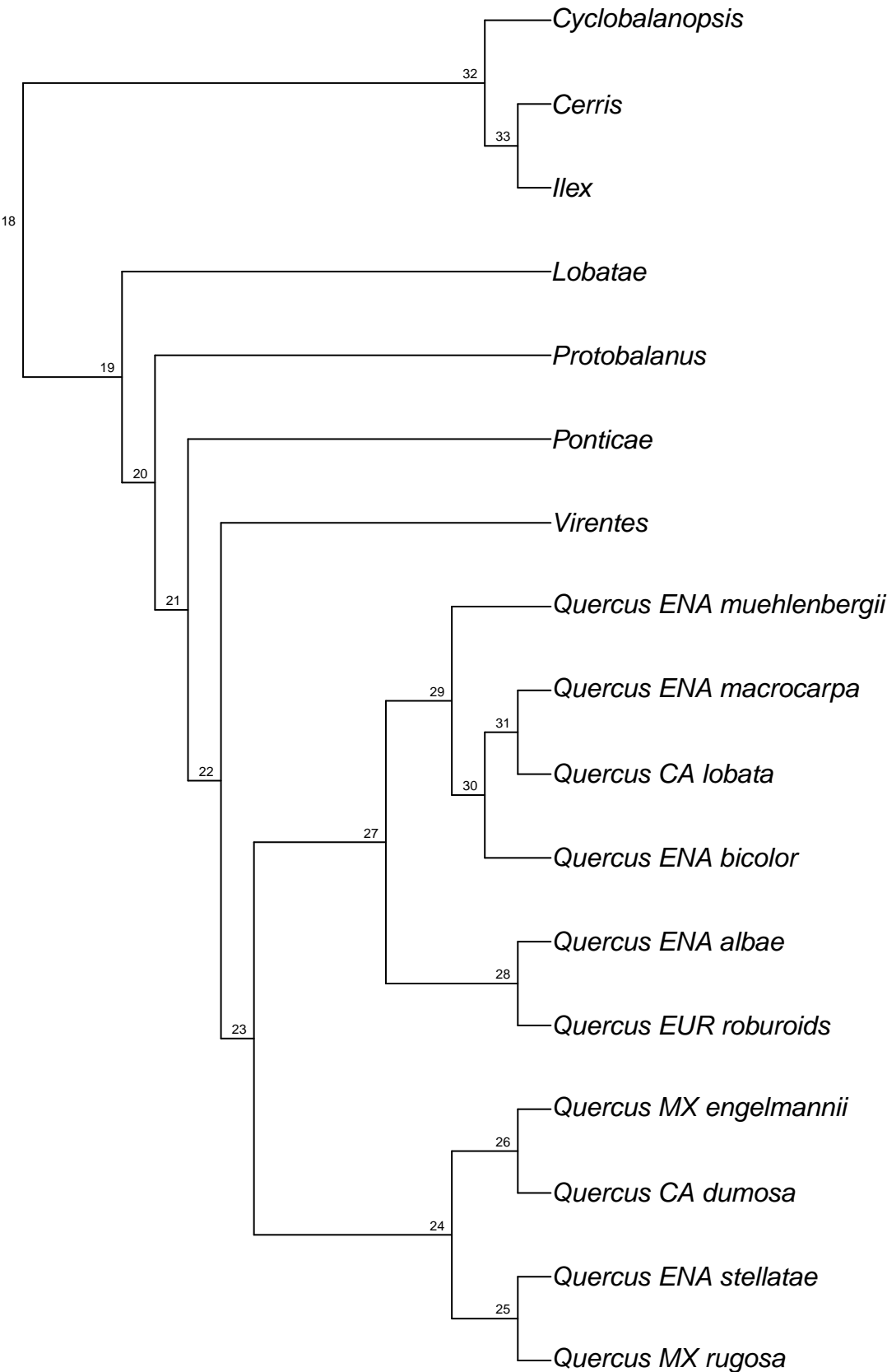
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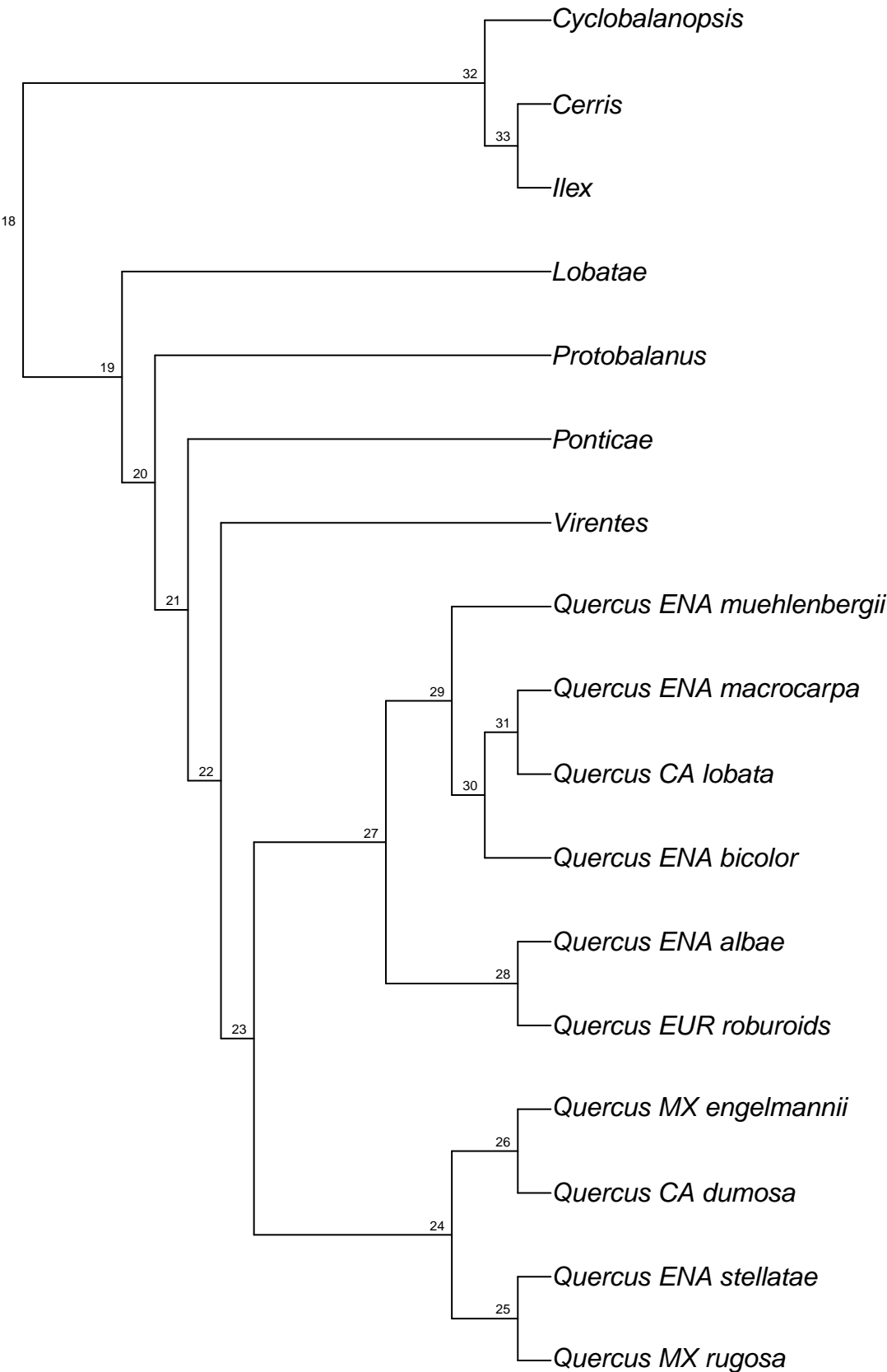
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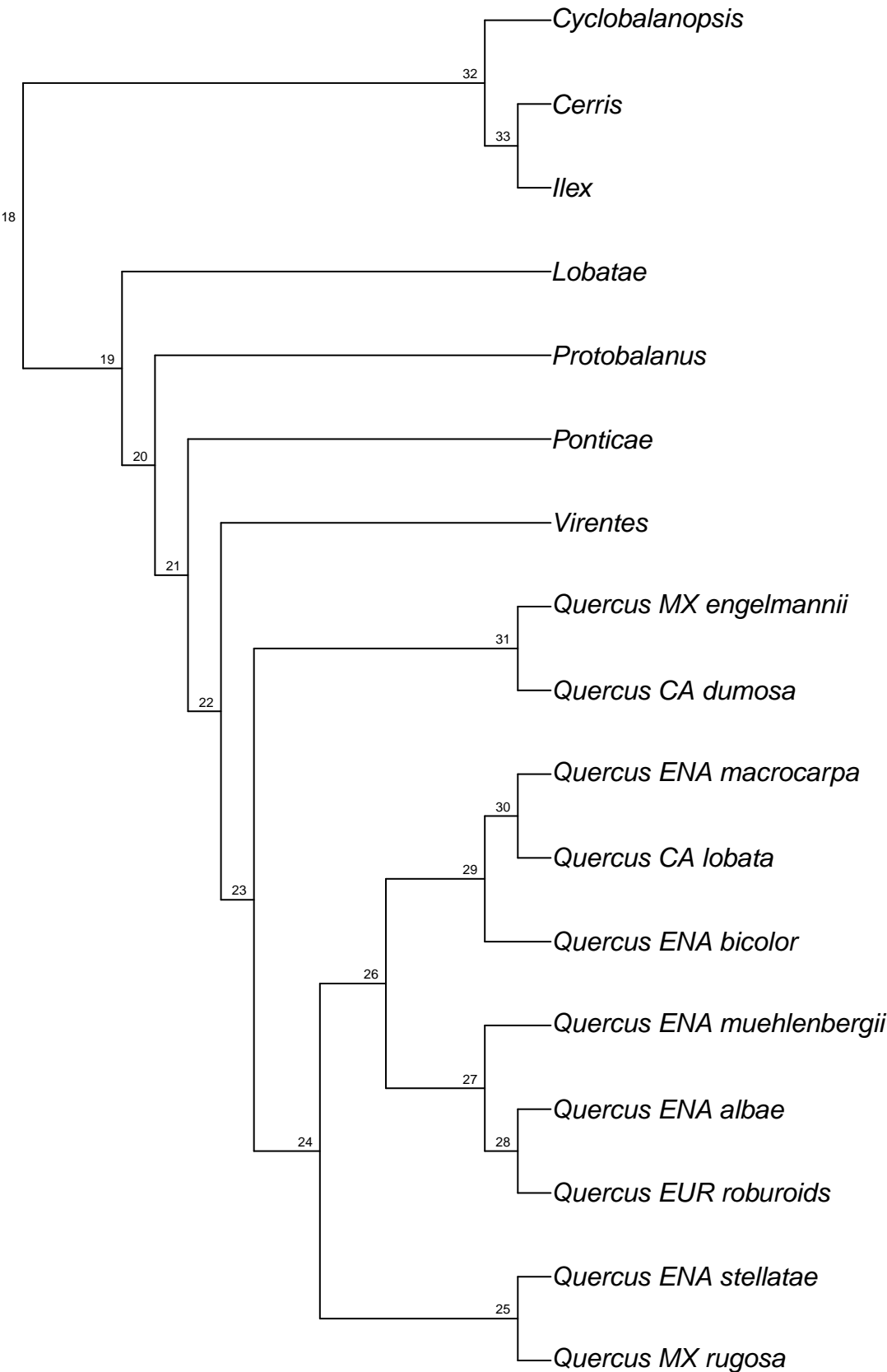
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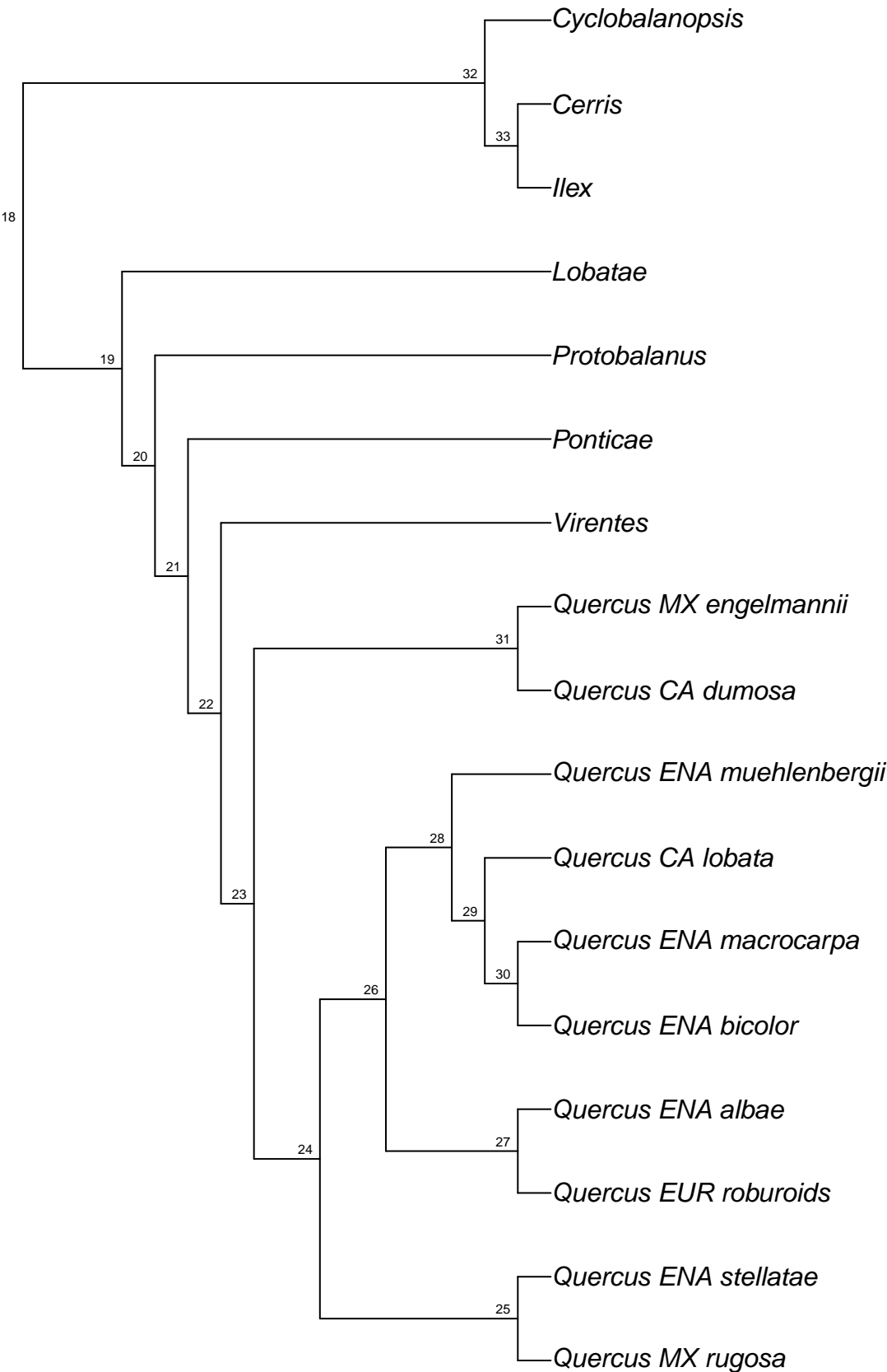
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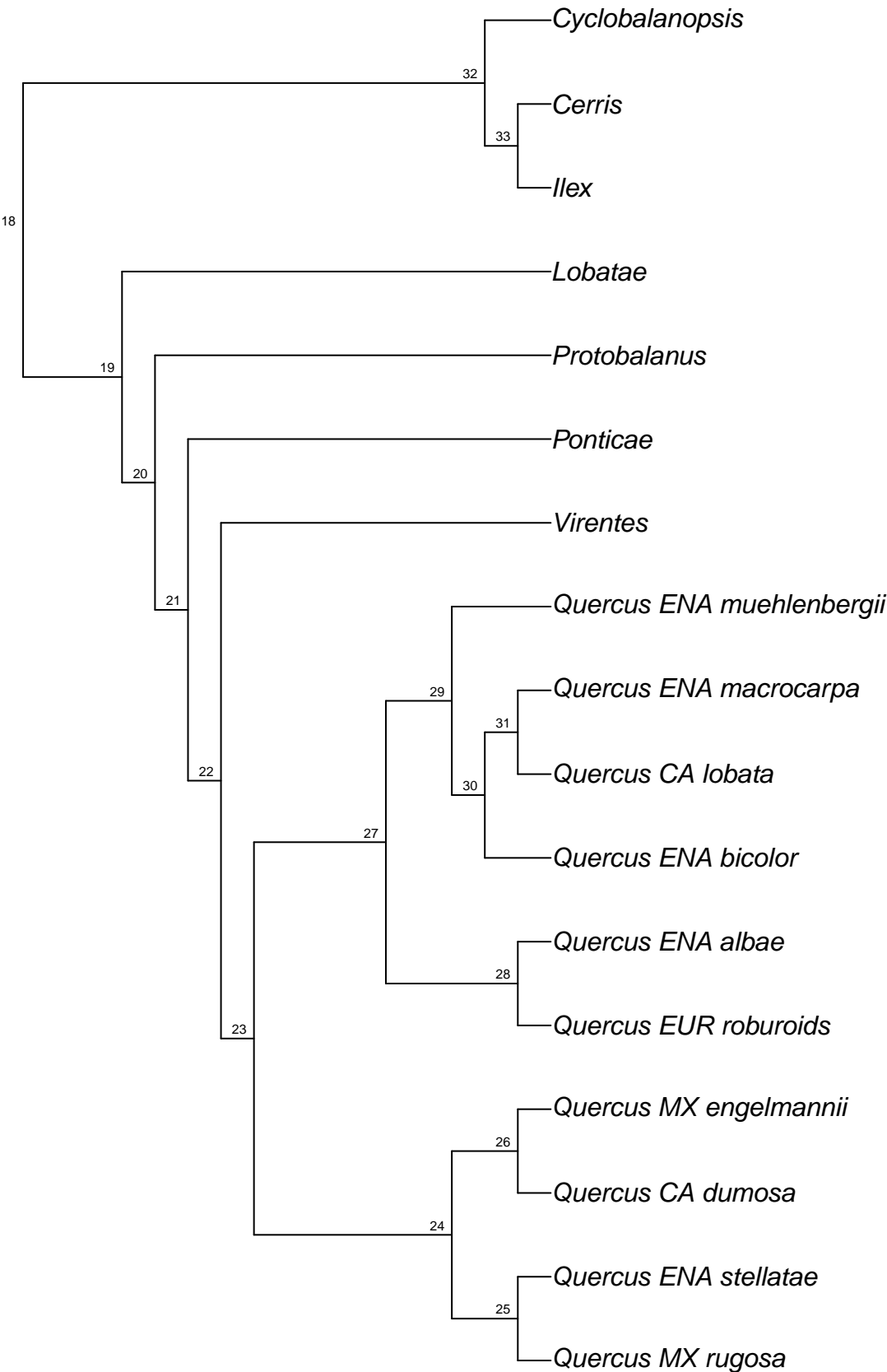
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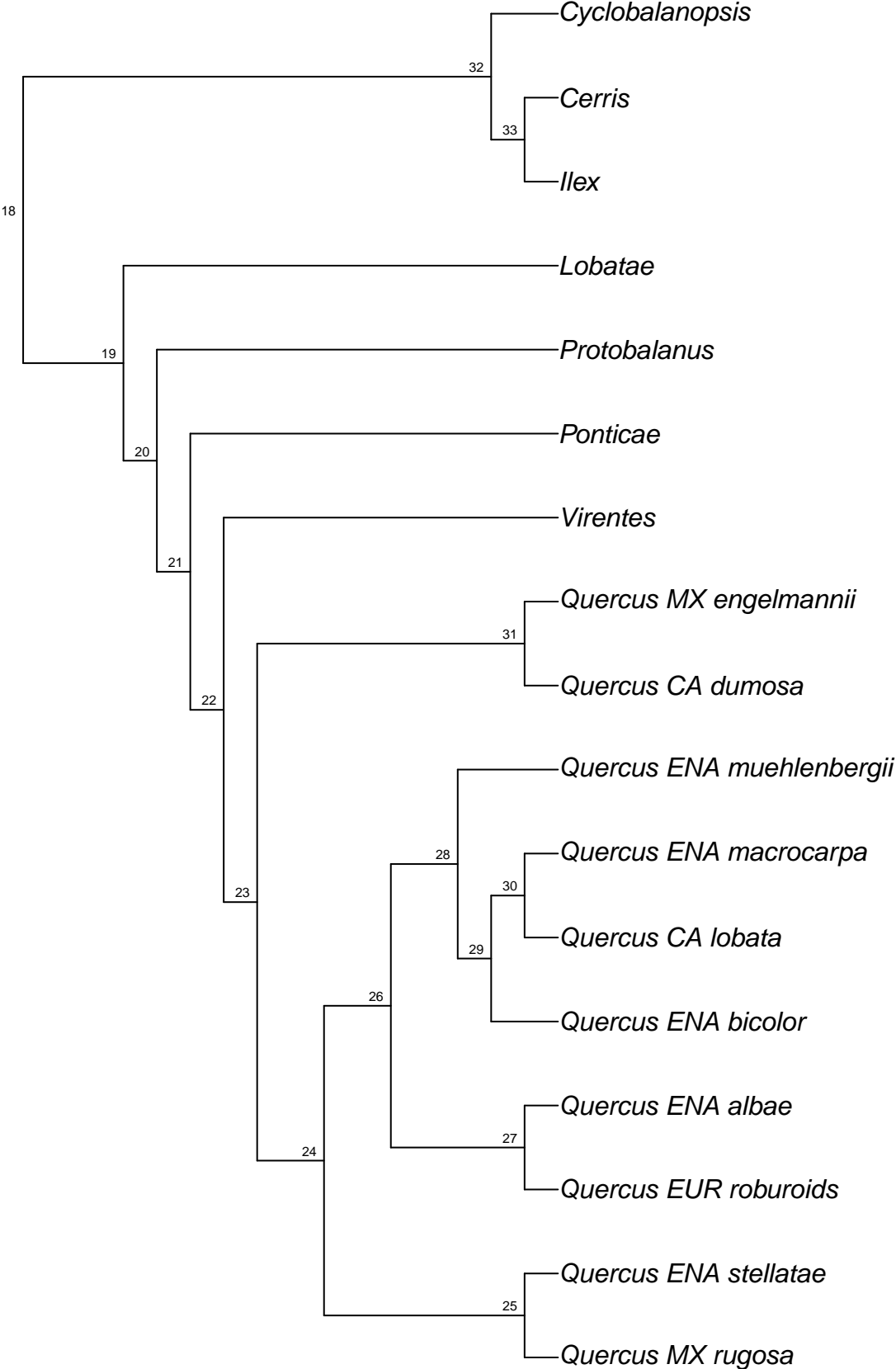
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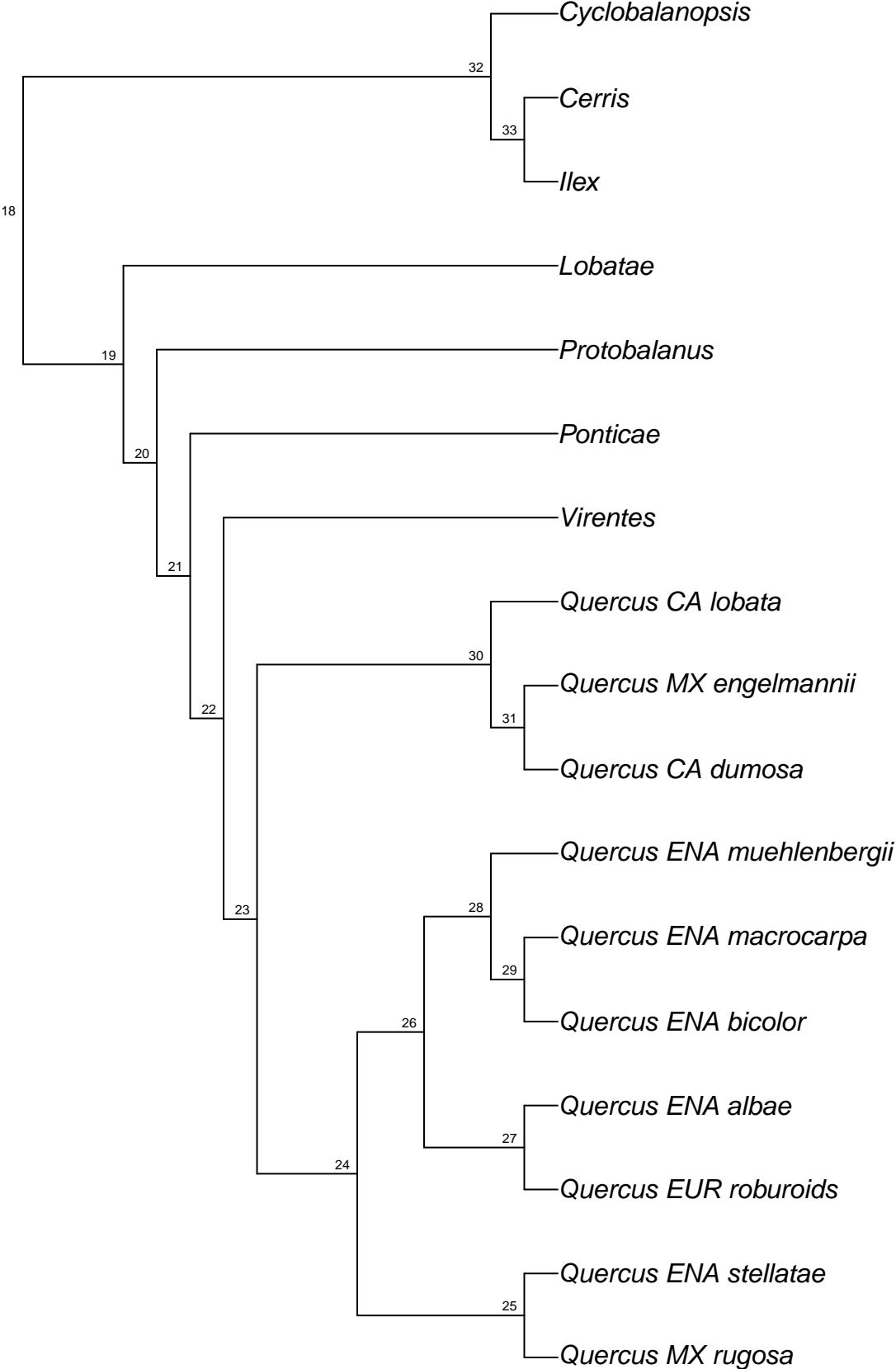
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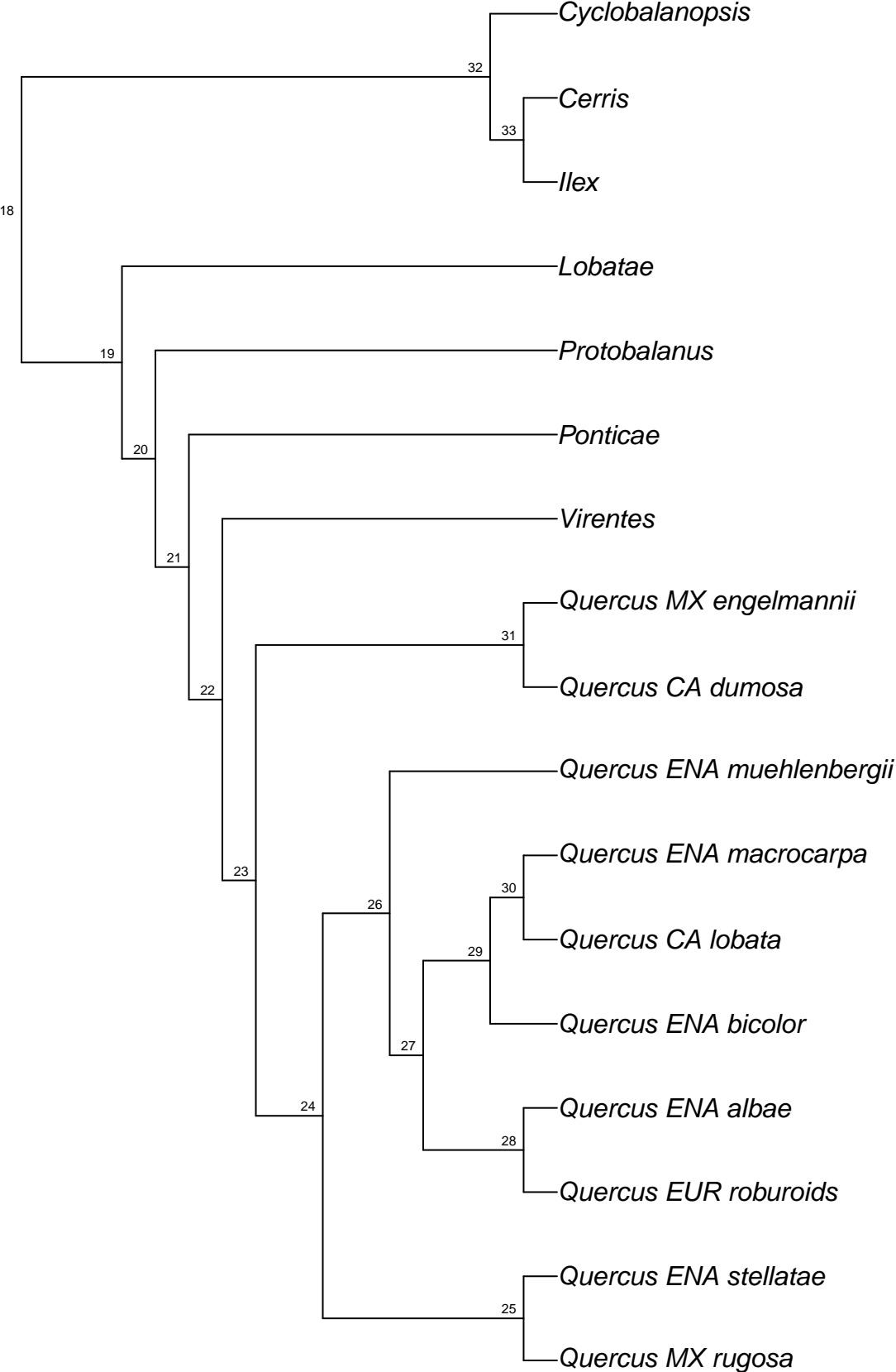
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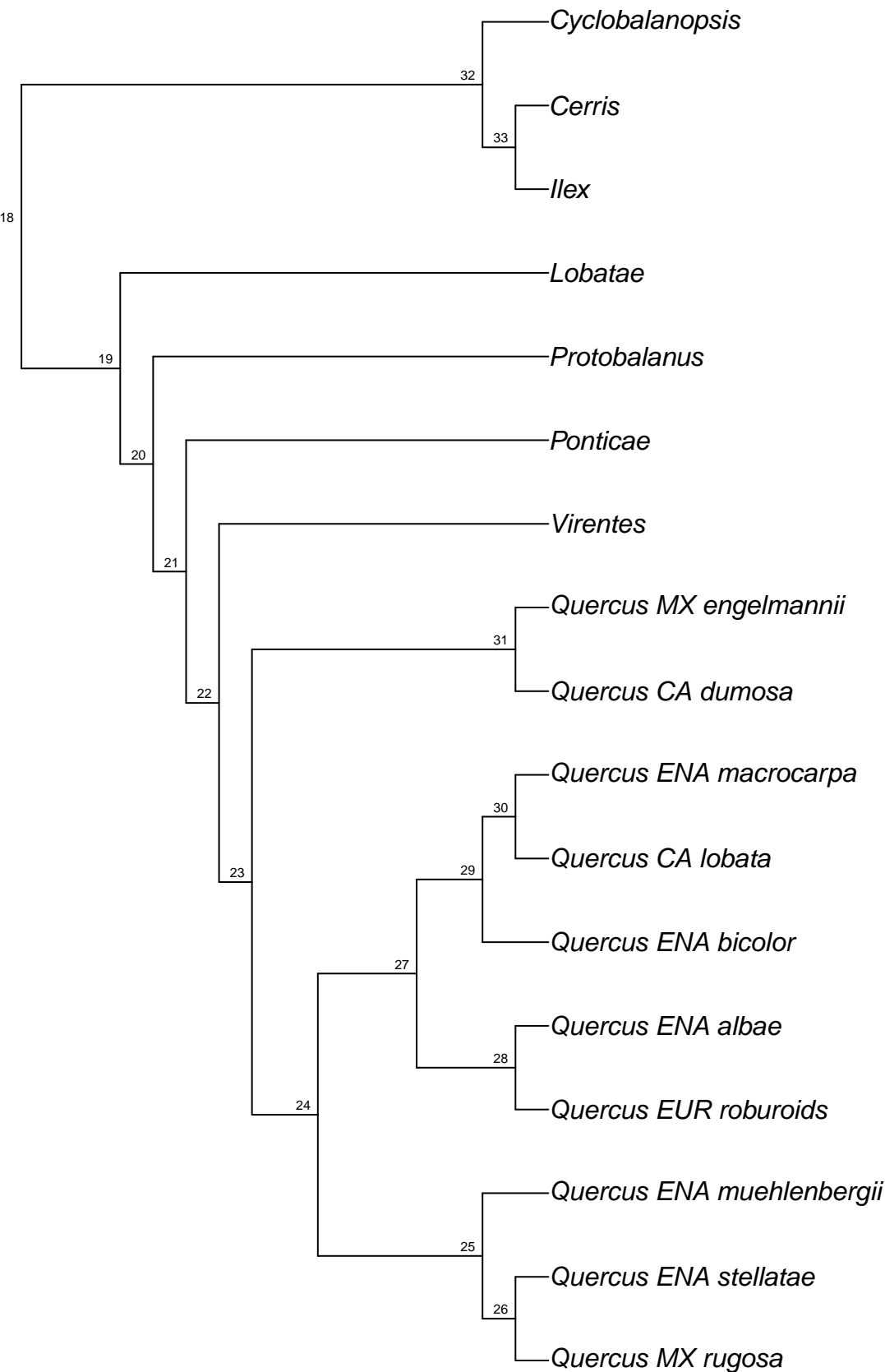
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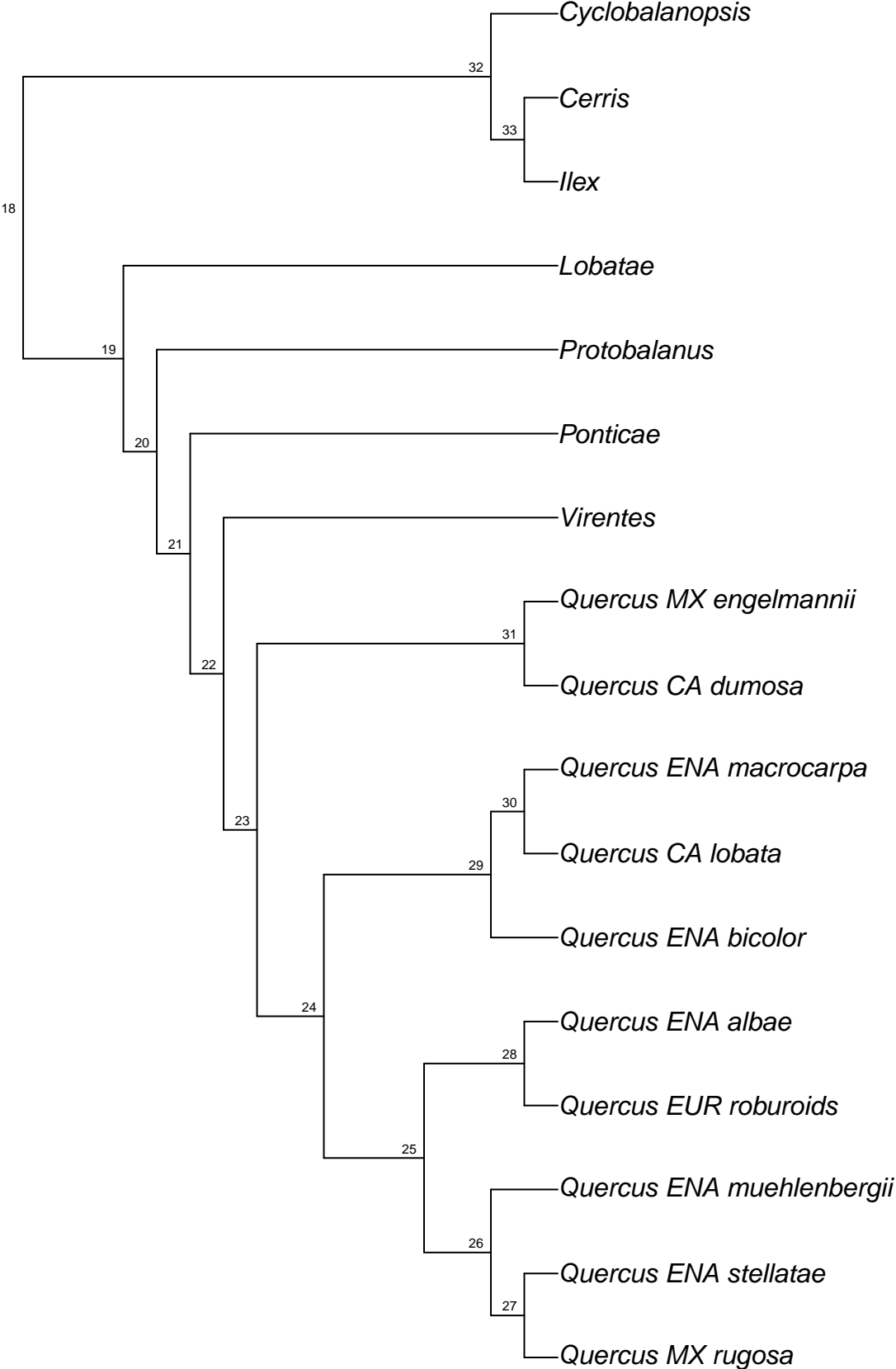
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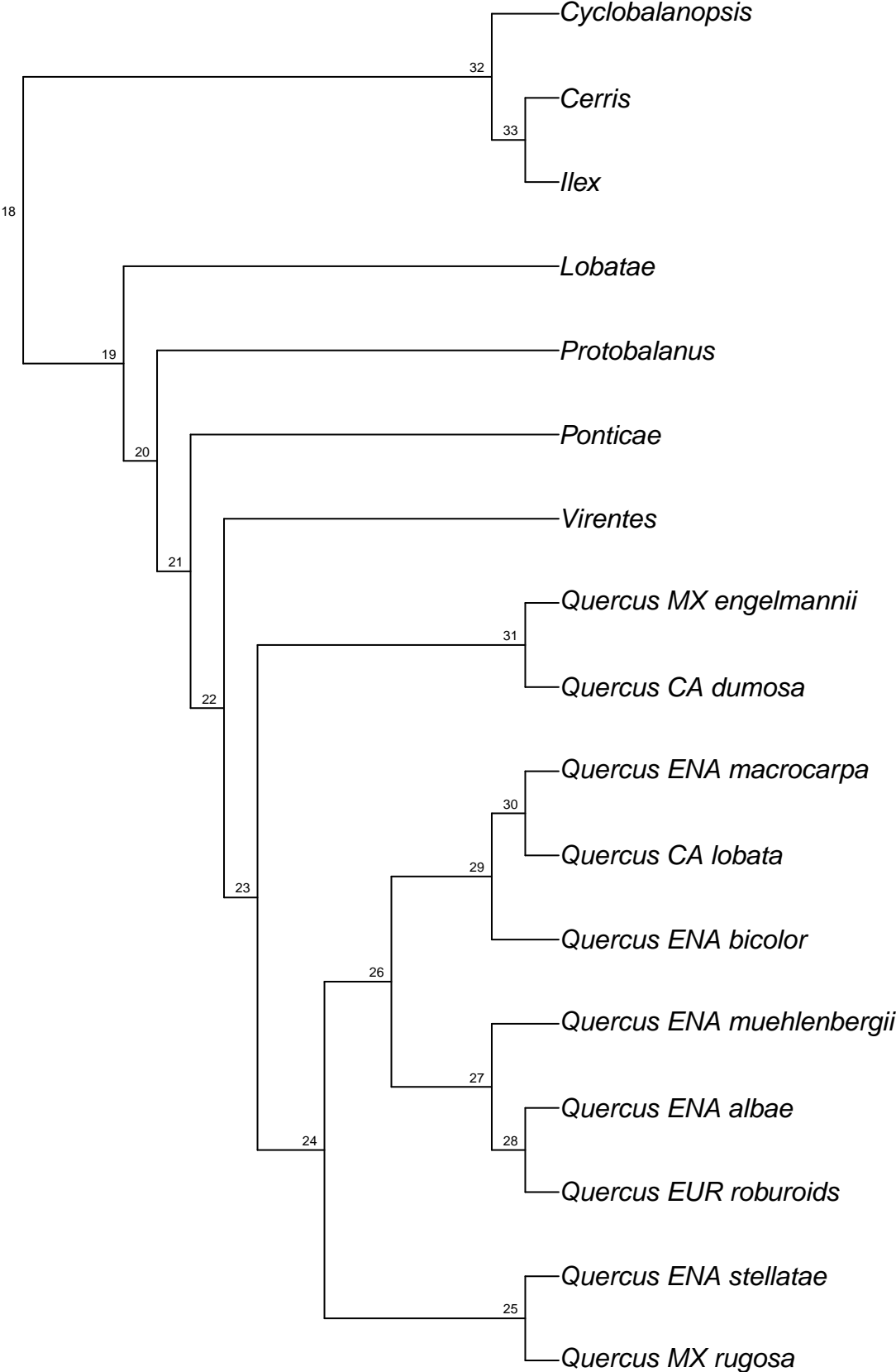
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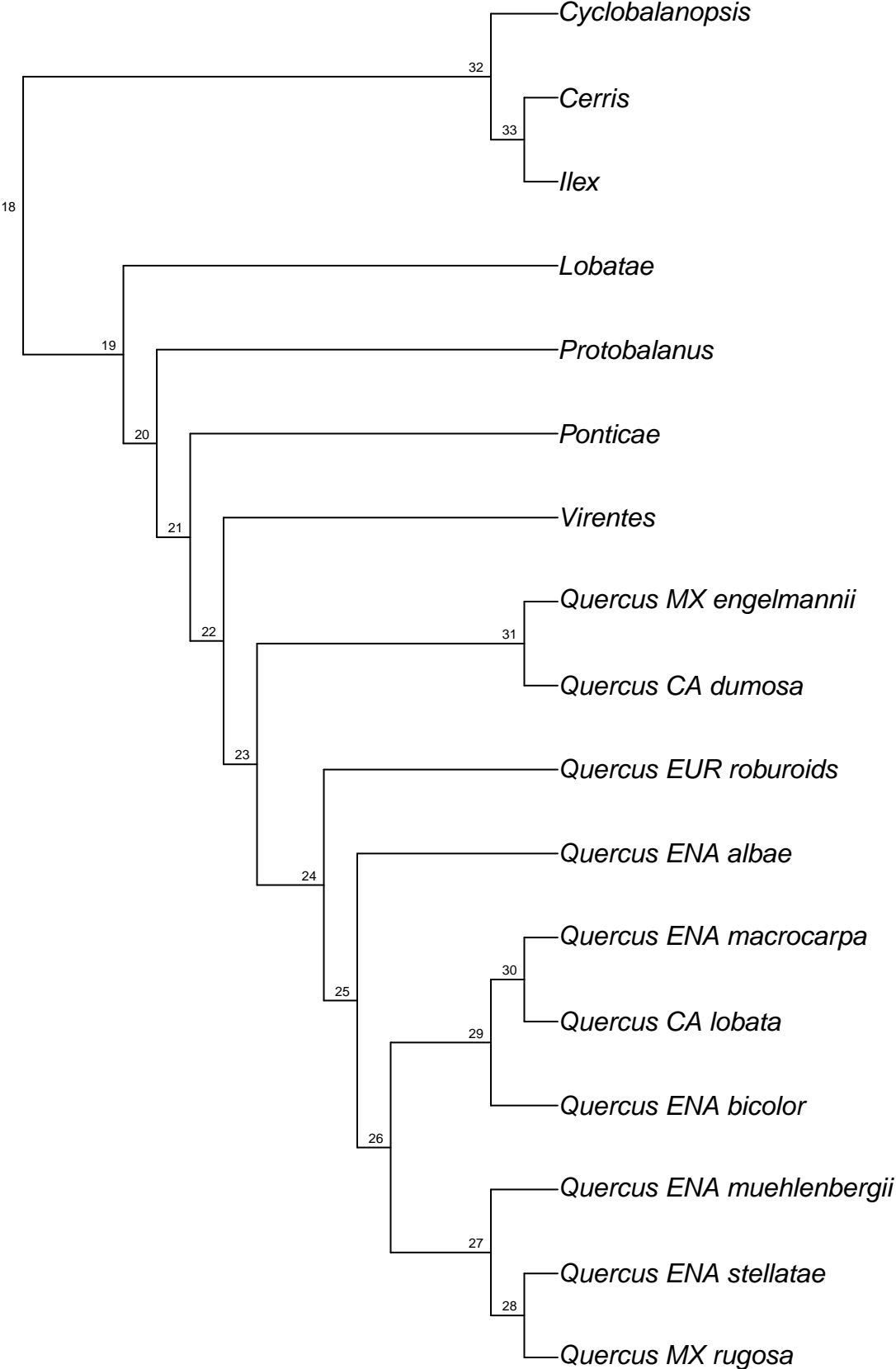
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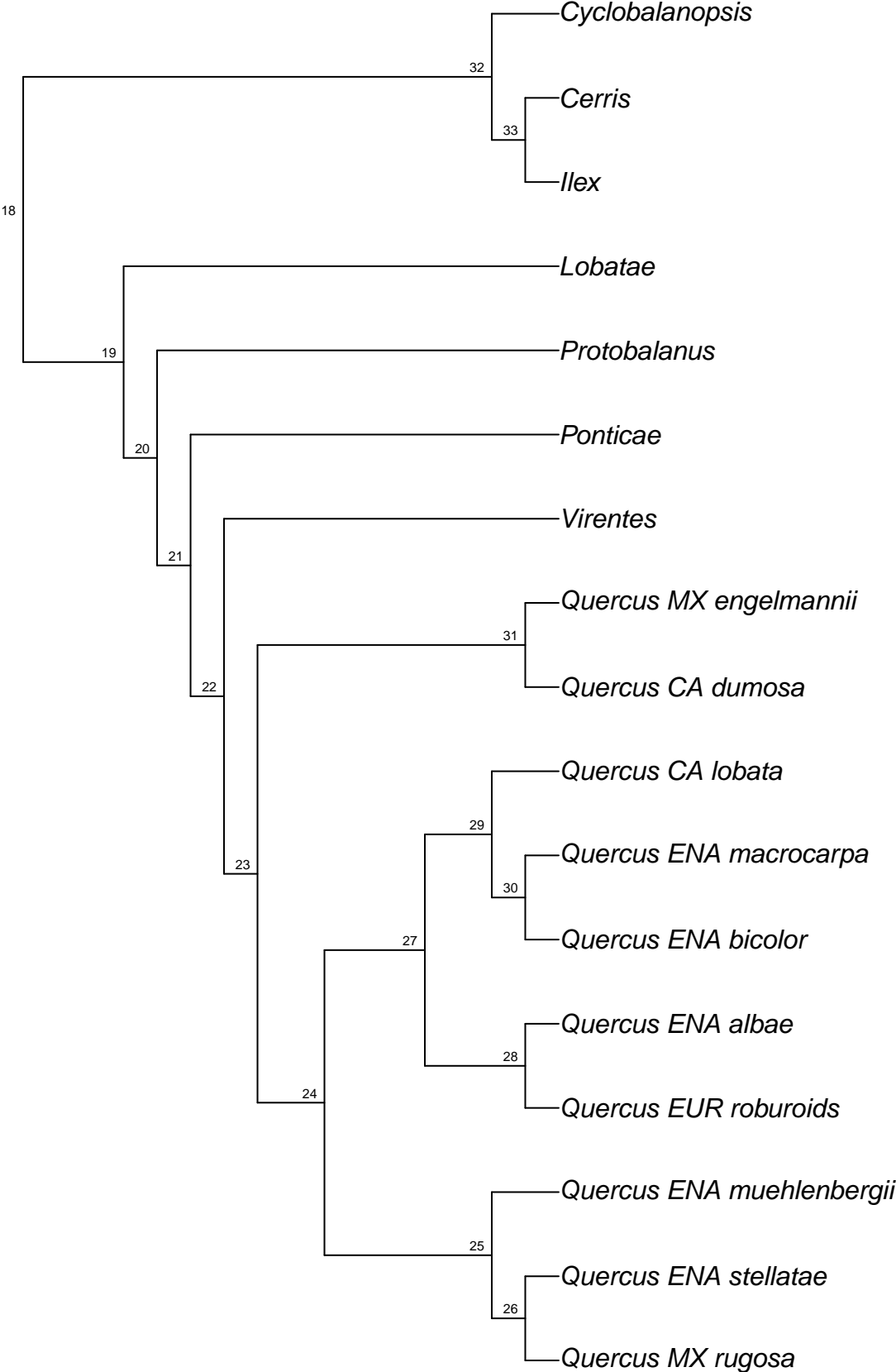
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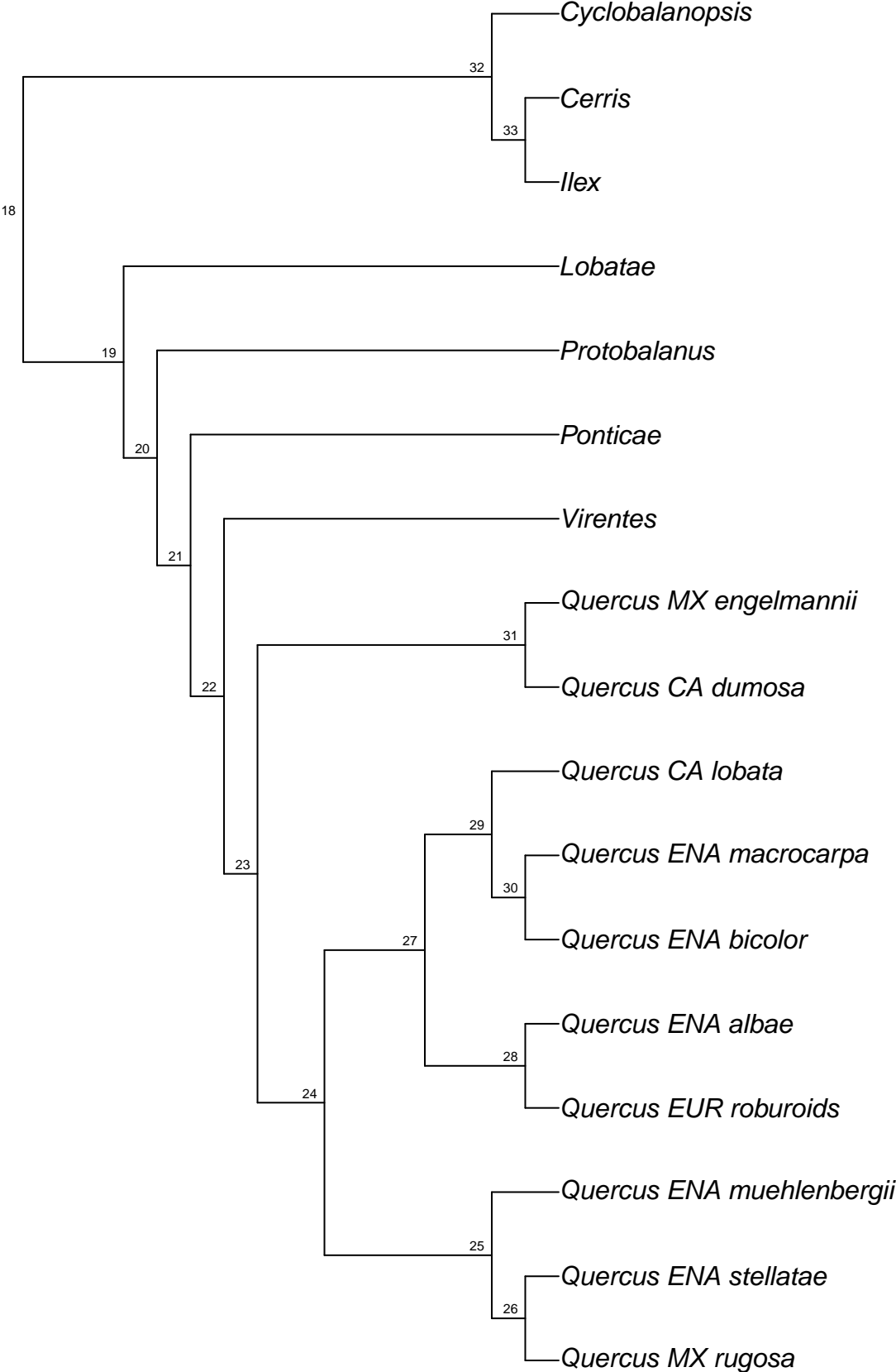
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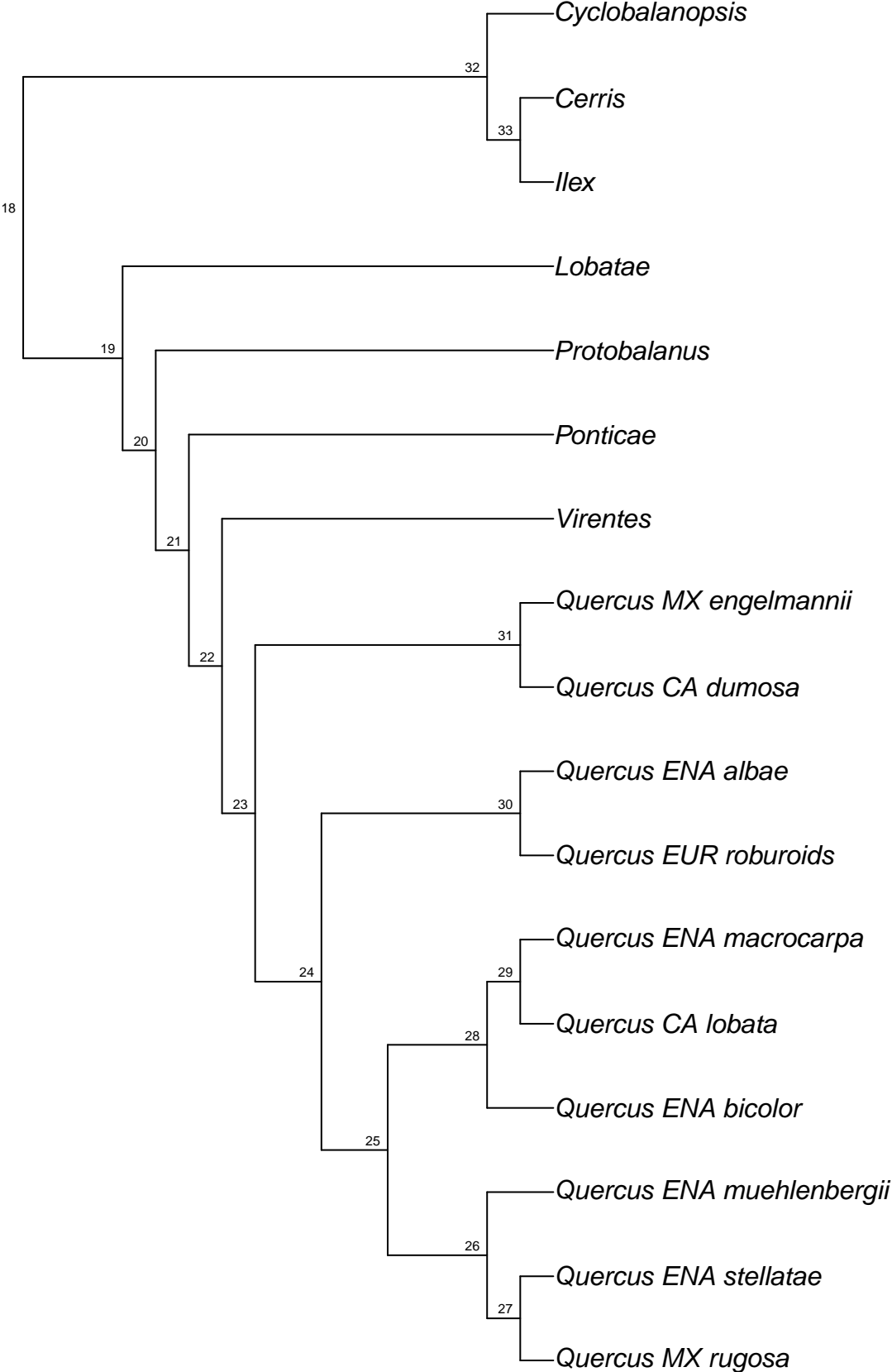
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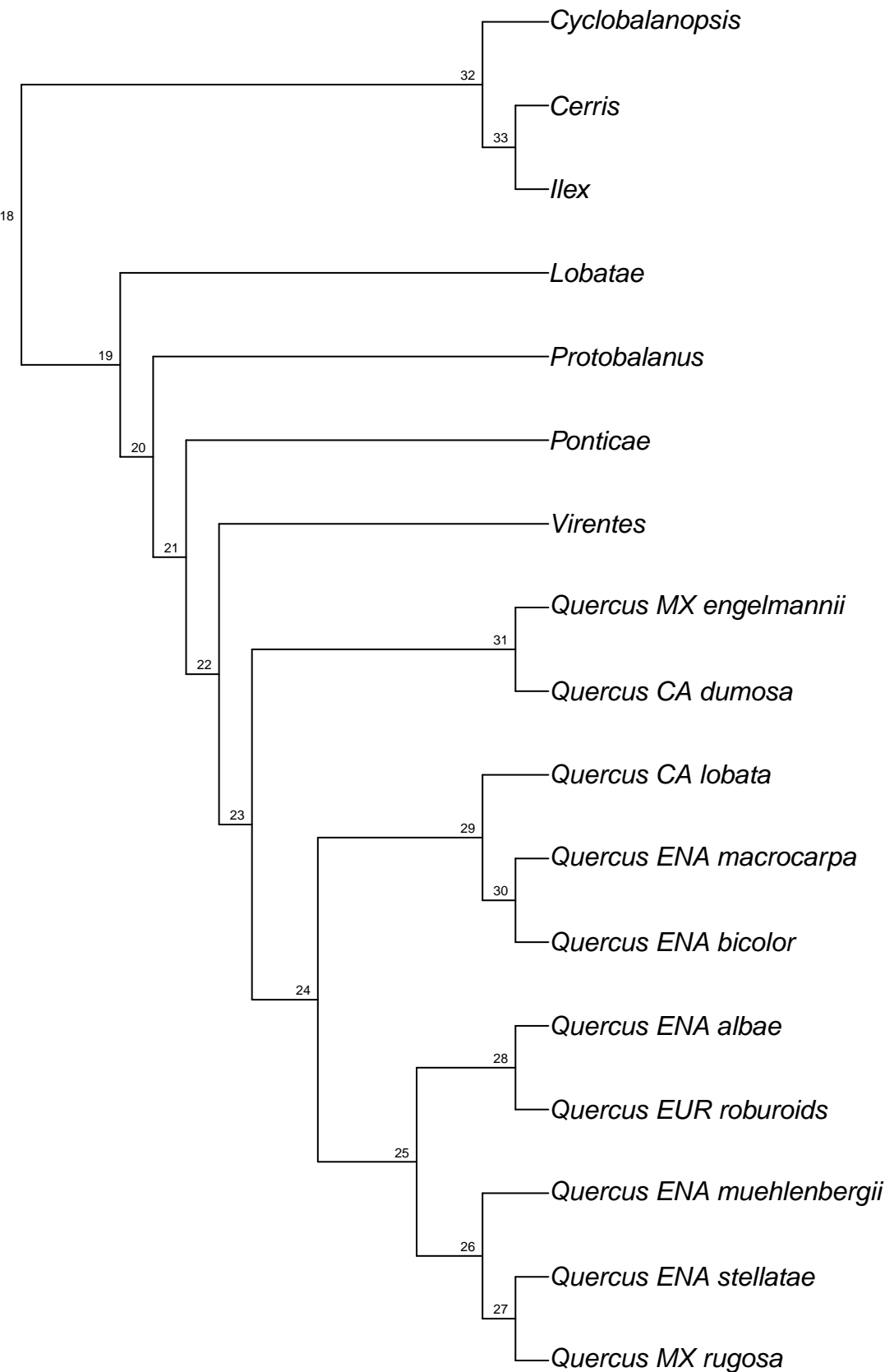
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refRAD.ref_glauca_raxml.bt079



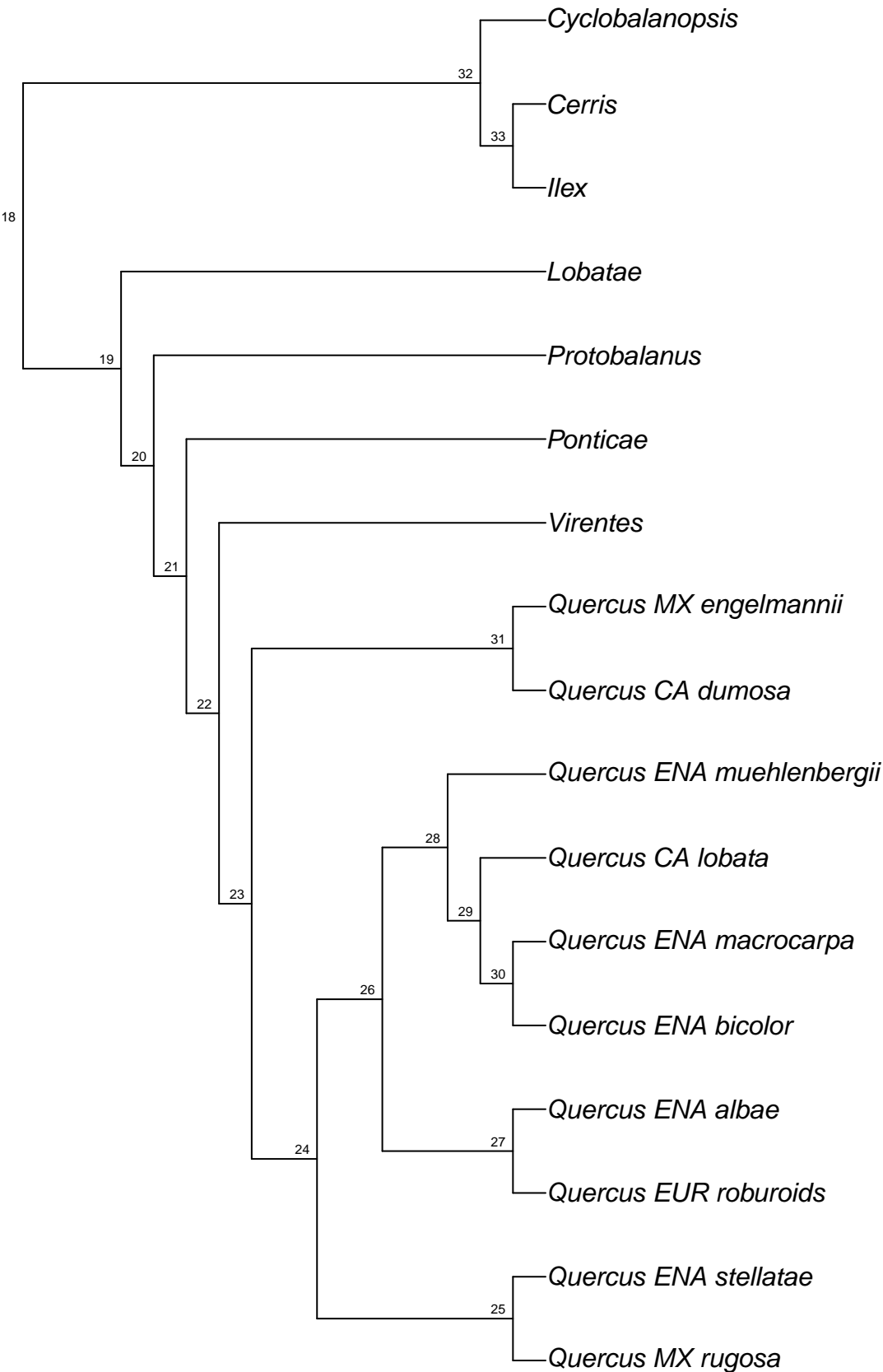
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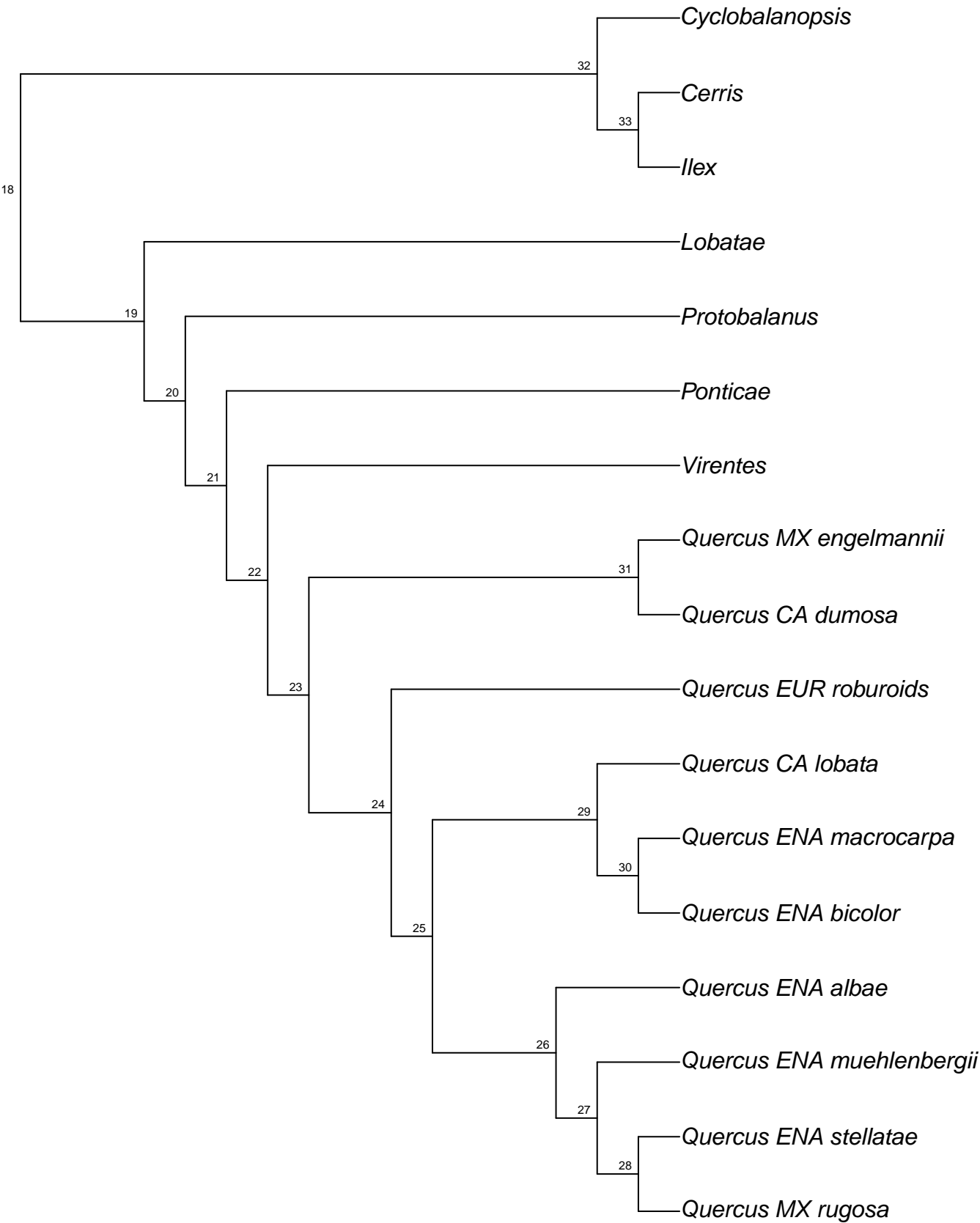
Phylogenetic tree showing relationships between various species, rooted at node 18. The tree is labeled with node numbers (18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33) and species names:

- Cyclobalanopsis*
- Cerris*
- Ilex*
- Lobatae*
- Protobalanus*
- Ponticae*
- Virentes*
- Quercus MX engelmannii*
- Quercus CA dumosa*
- Quercus CA lobata*
- Quercus ENA macrocarpa*
- Quercus ENA bicolor*
- Quercus ENA muehlenbergii*
- Quercus ENA albae*
- Quercus EUR roburoids*
- Quercus ENA stellatae*
- Quercus MX rugosa*

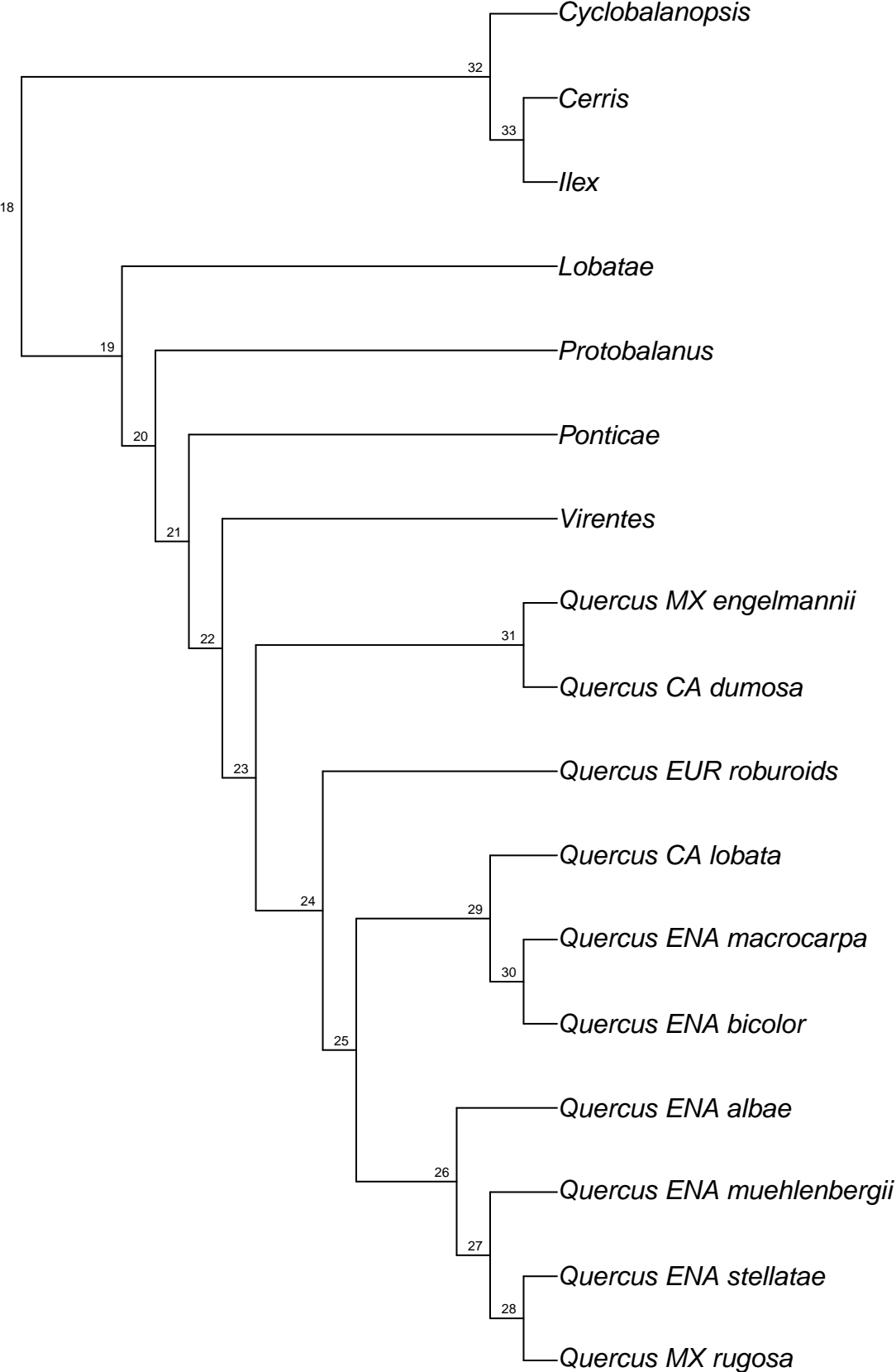
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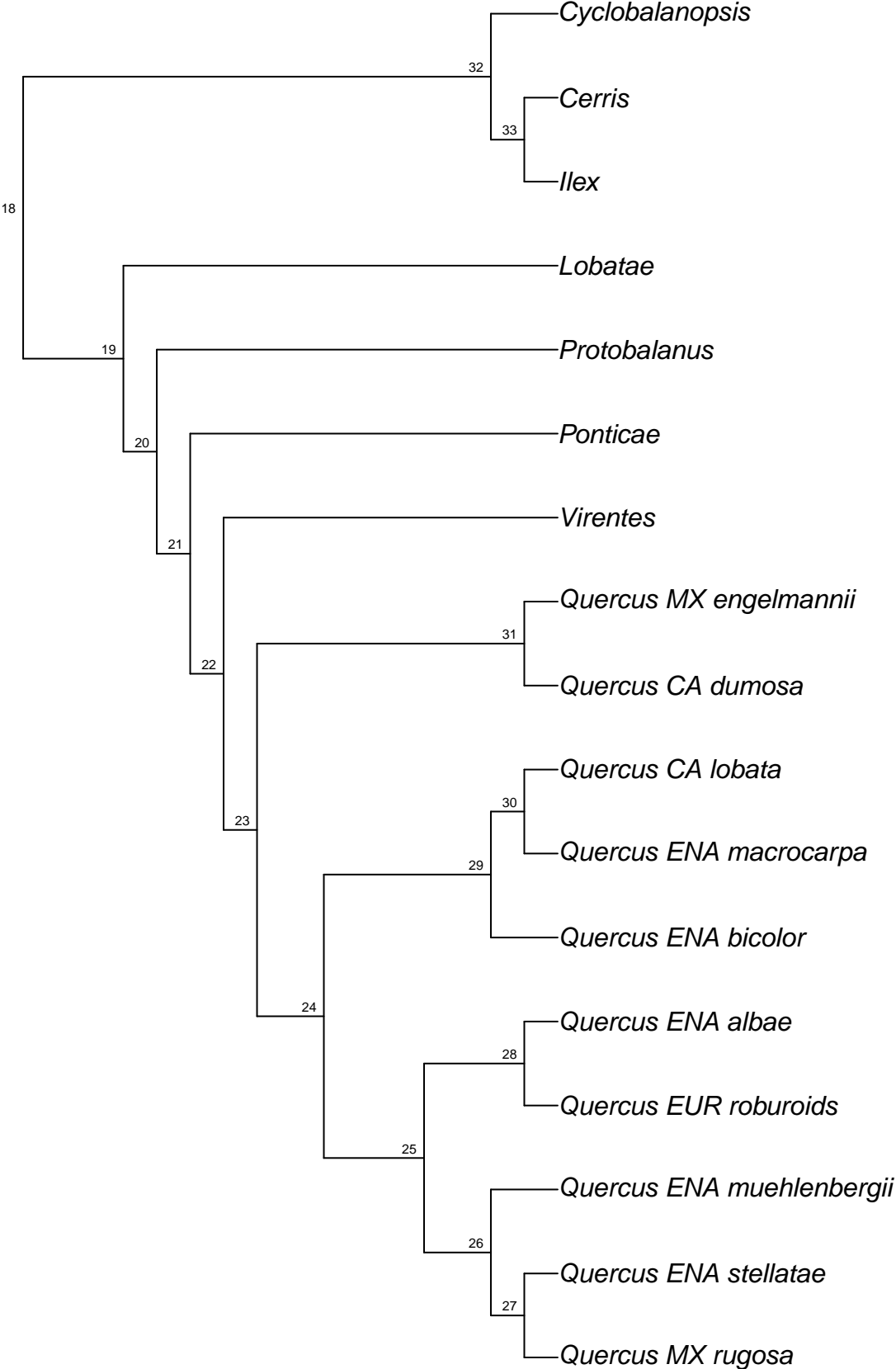
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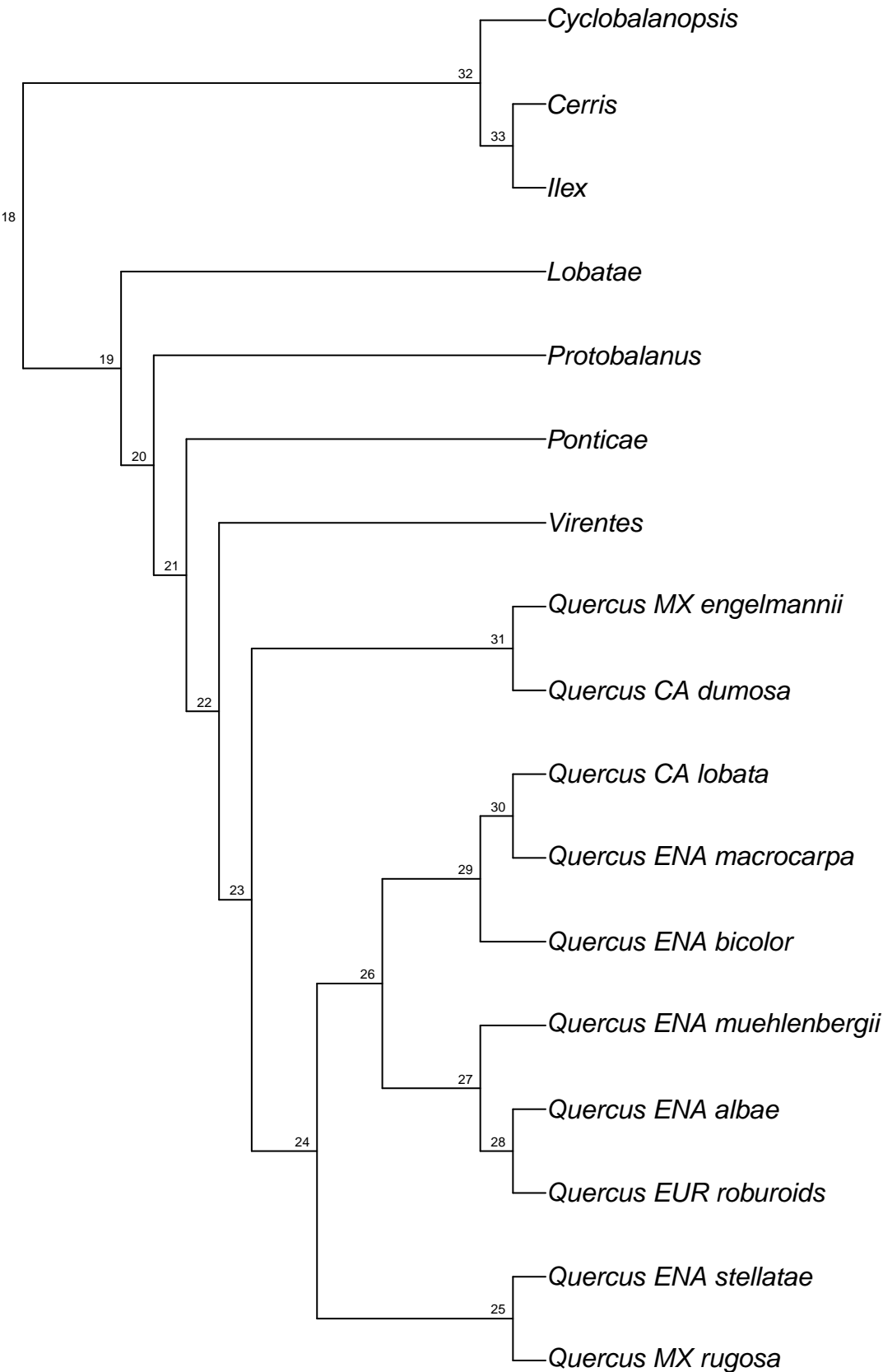


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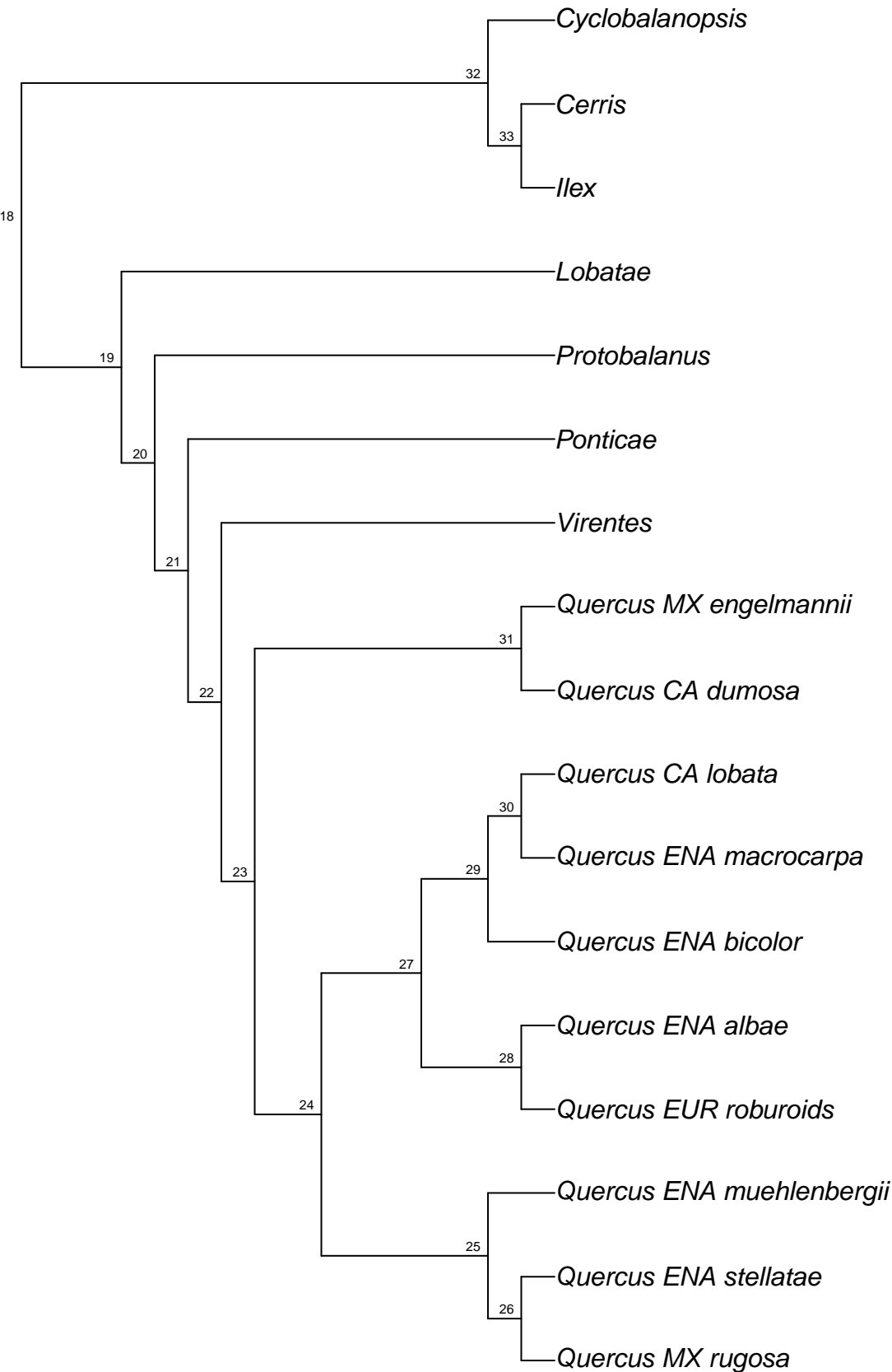


refRAD.ref_glauca_raxml.bt085

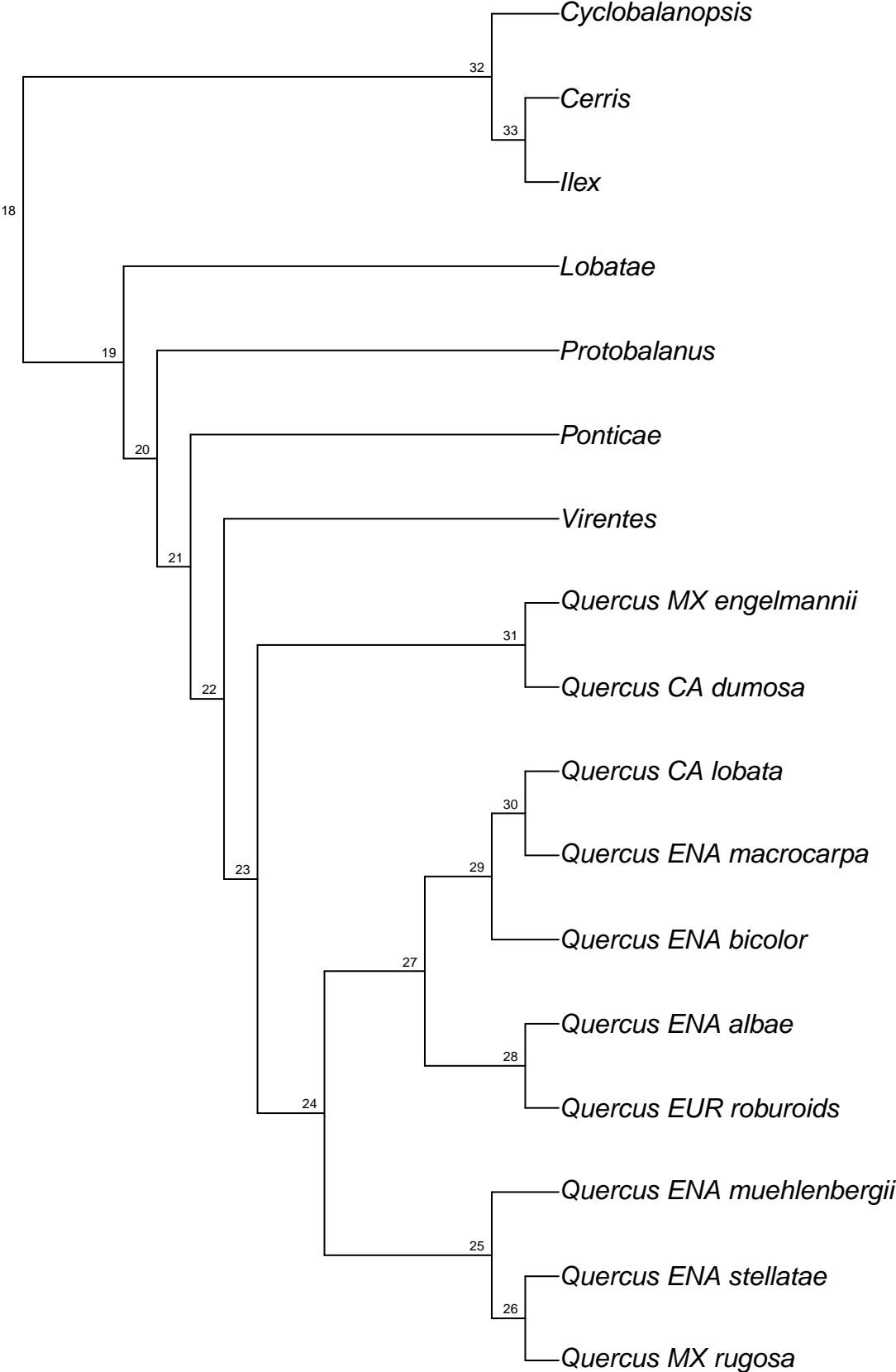




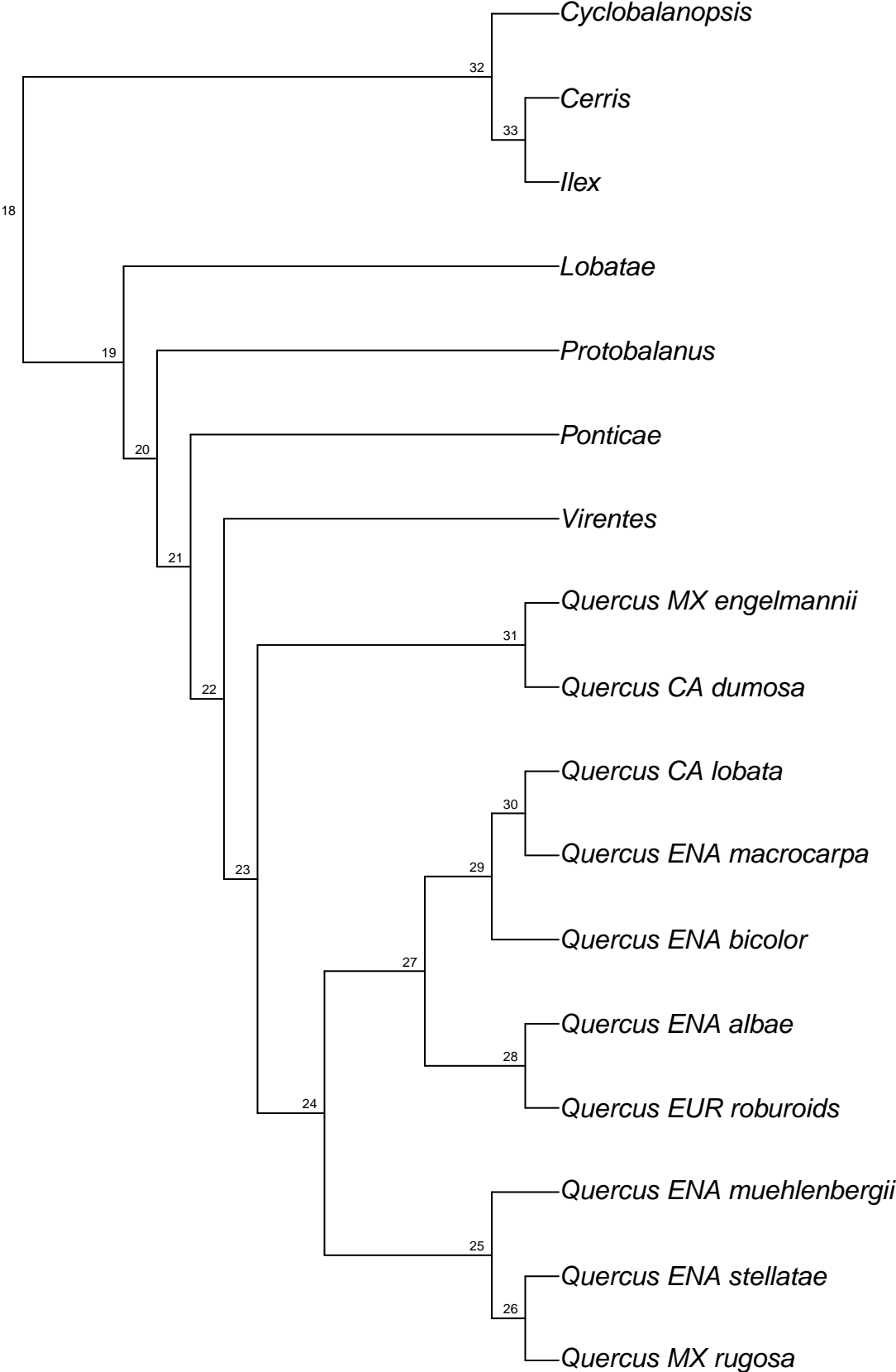
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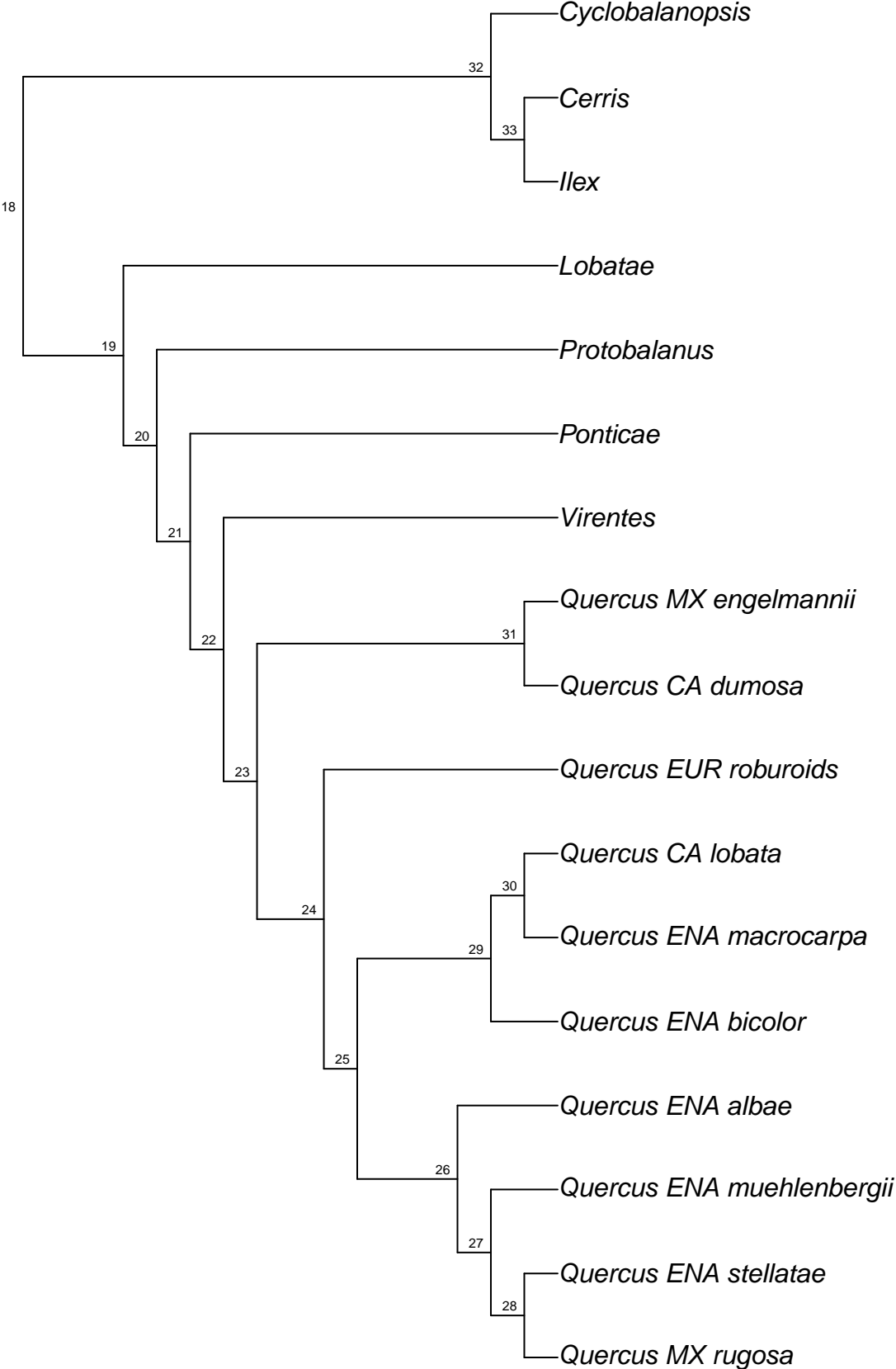
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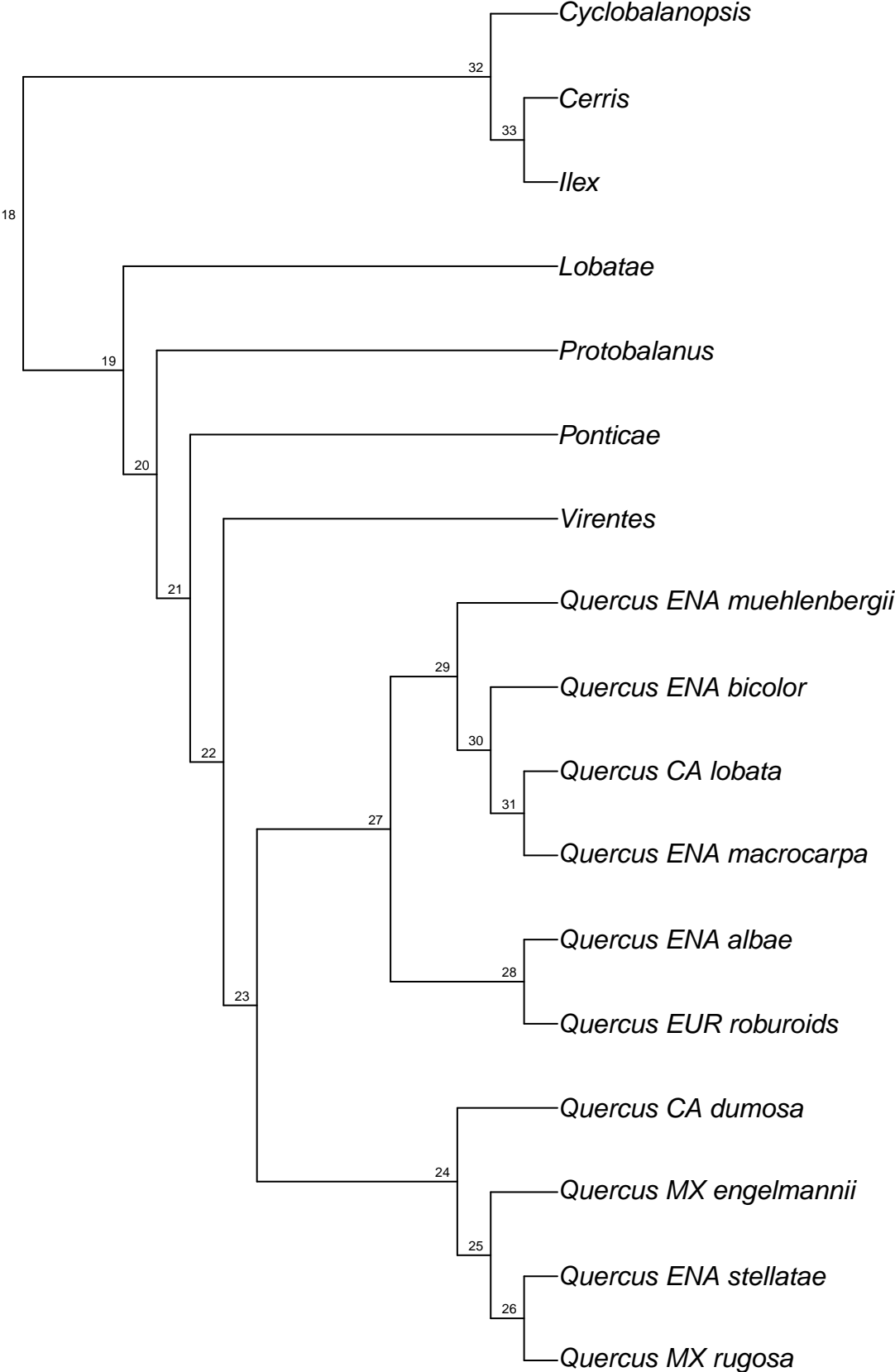
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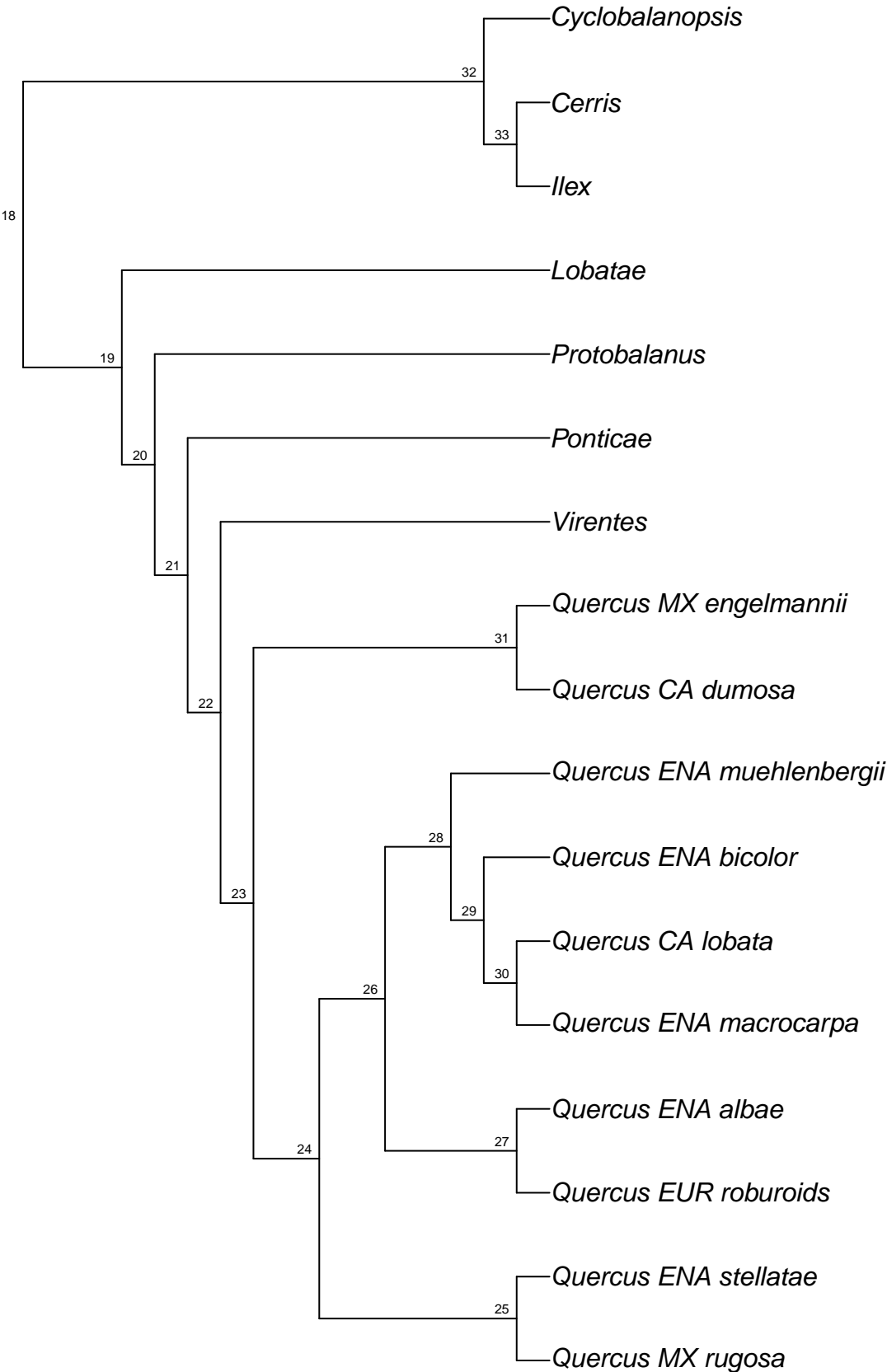
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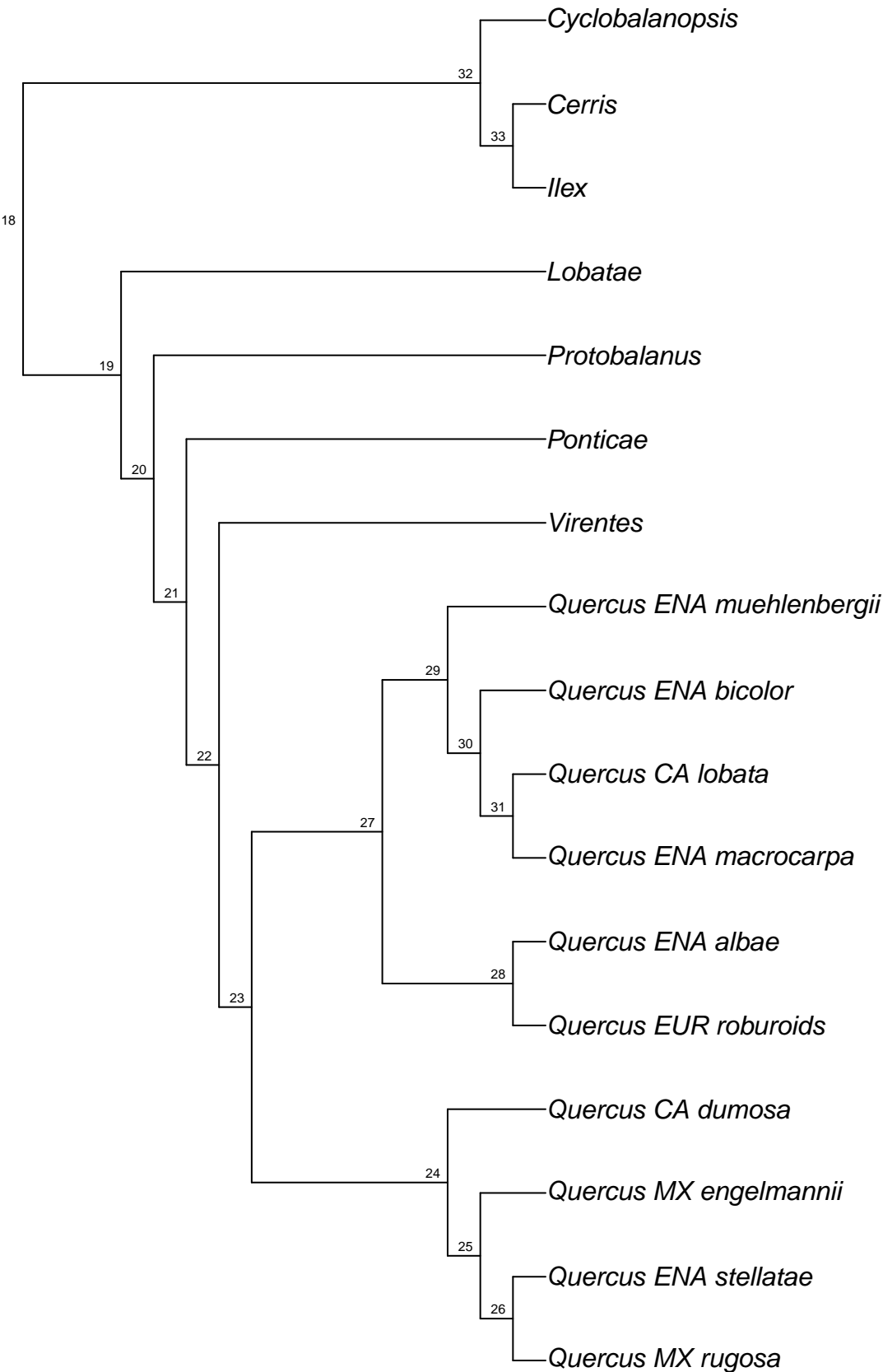
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refRAD.ref_glauca_raxml.bt092



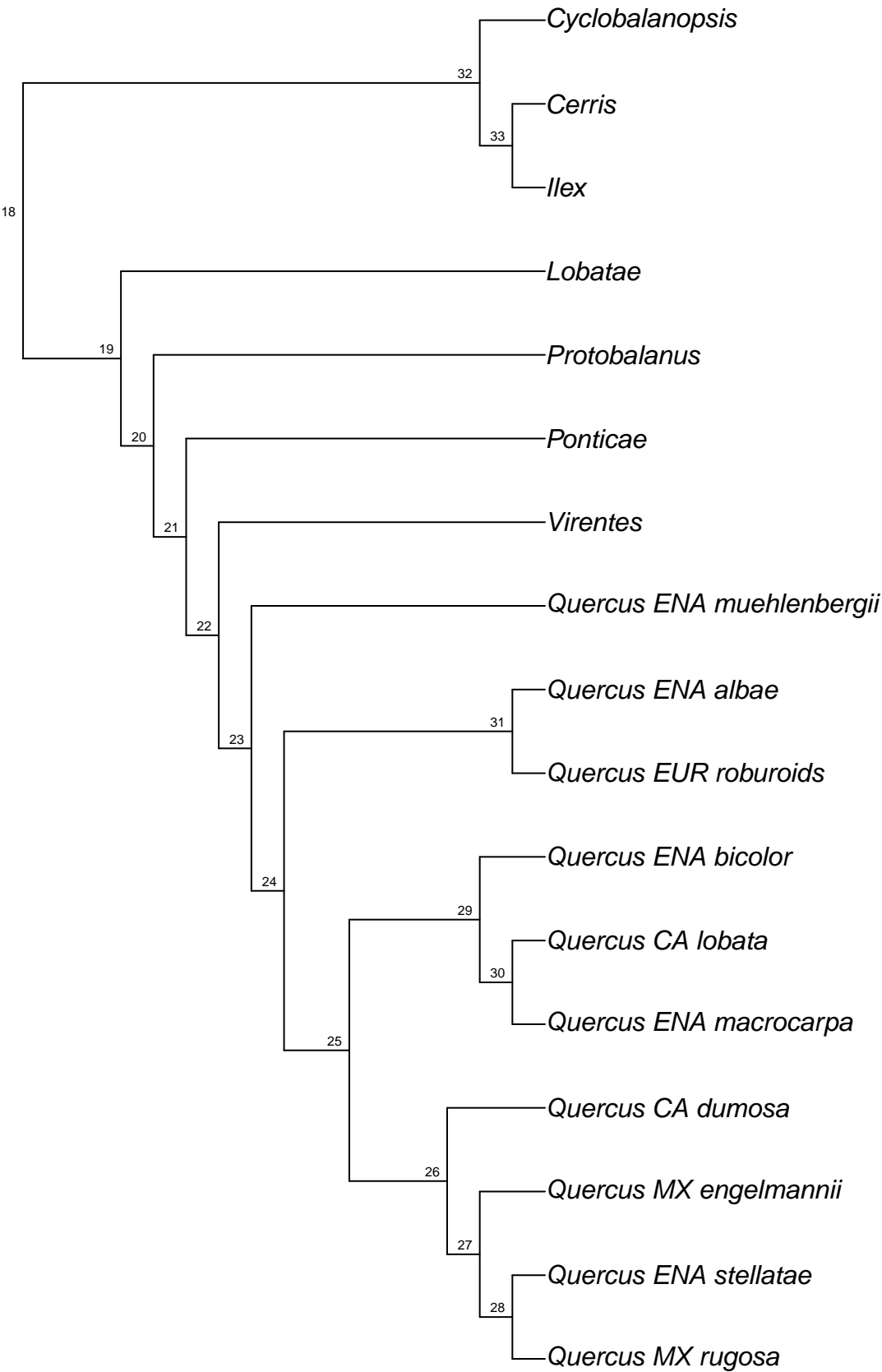
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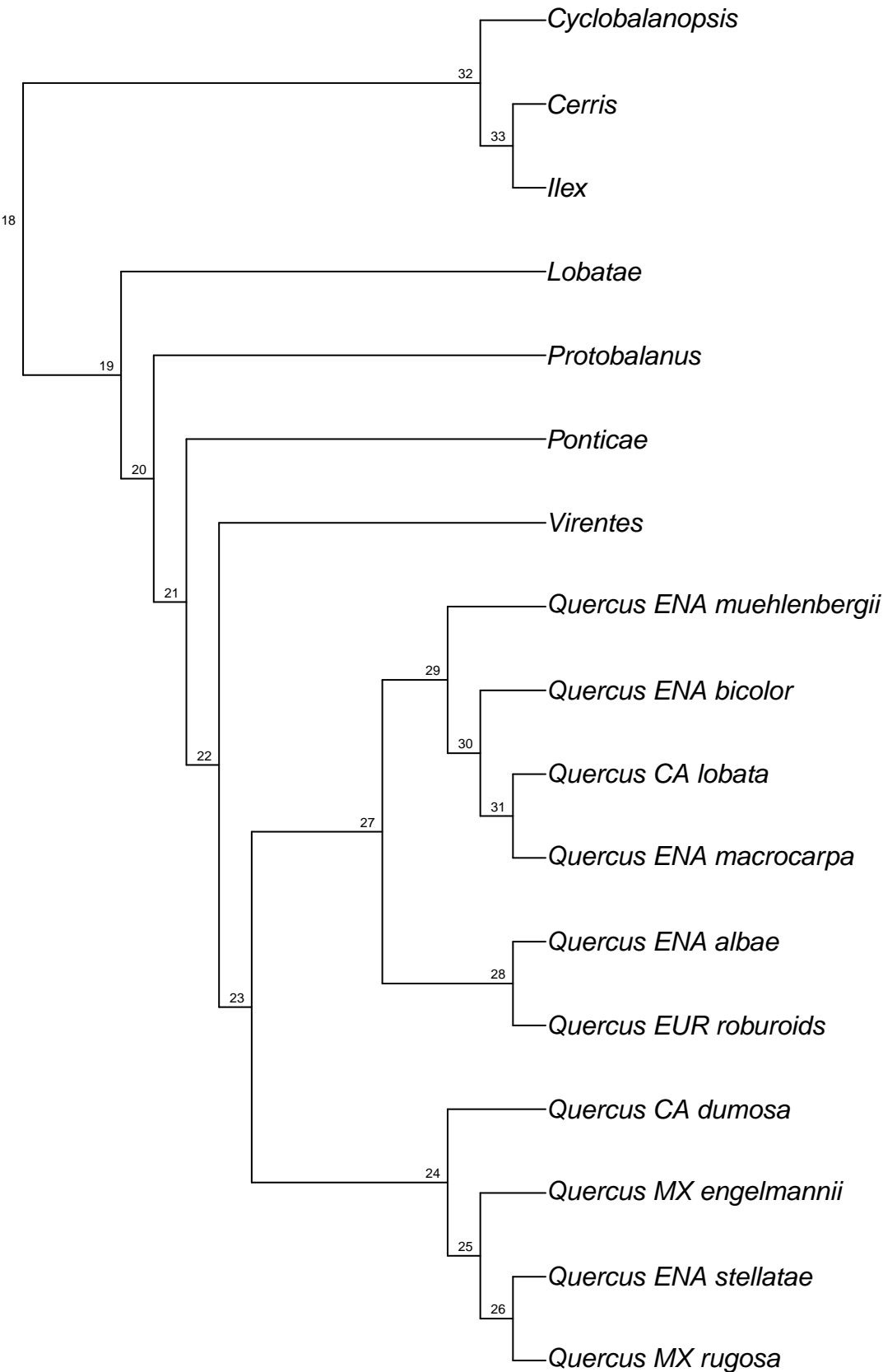
Phylogenetic tree showing relationships between various species, rooted at node 18. The tree is labeled with node numbers (18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33) and species names:

- Cyclobalanopsis*
- Cerris*
- Ilex*
- Lobatae*
- Protobalanus*
- Ponticae*
- Virentes*
- Quercus EUR roburoids*
- Quercus ENA albae*
- Quercus ENA muehlenbergii*
- Quercus ENA bicolor*
- Quercus CA lobata*
- Quercus ENA macrocarpa*
- Quercus CA dumosa*
- Quercus MX engelmannii*
- Quercus ENA stellatae*
- Quercus MX rugosa*

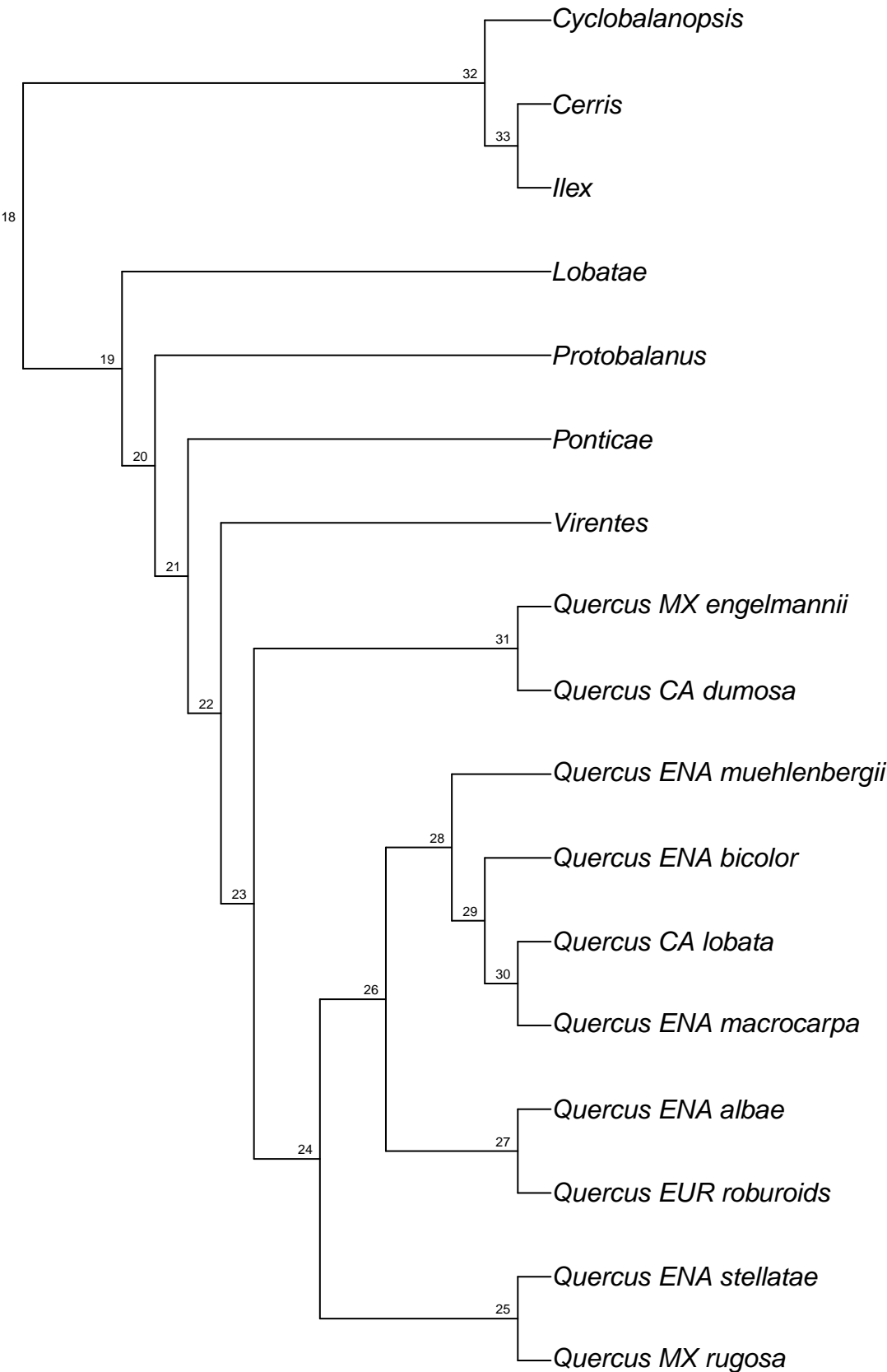
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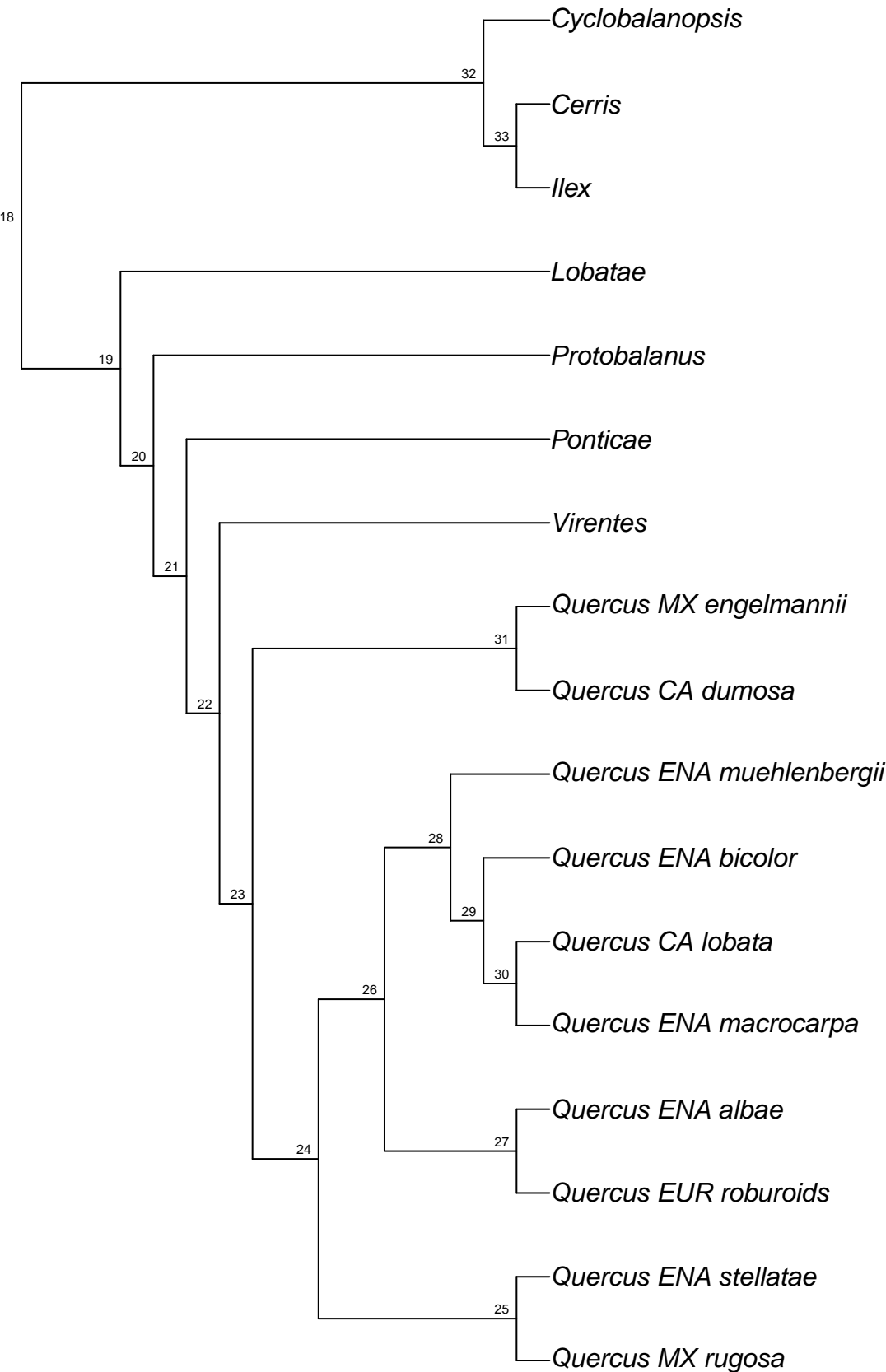
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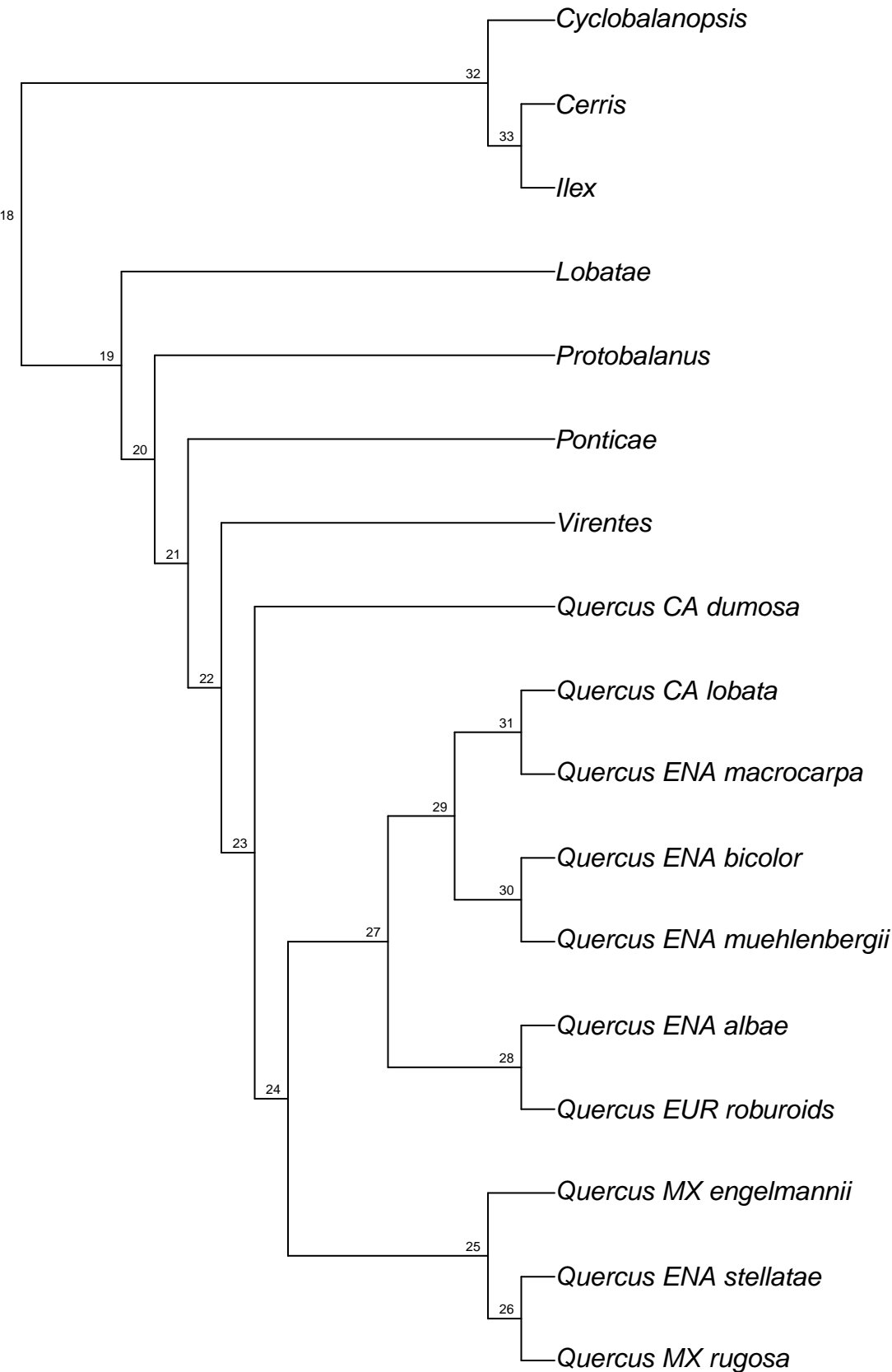
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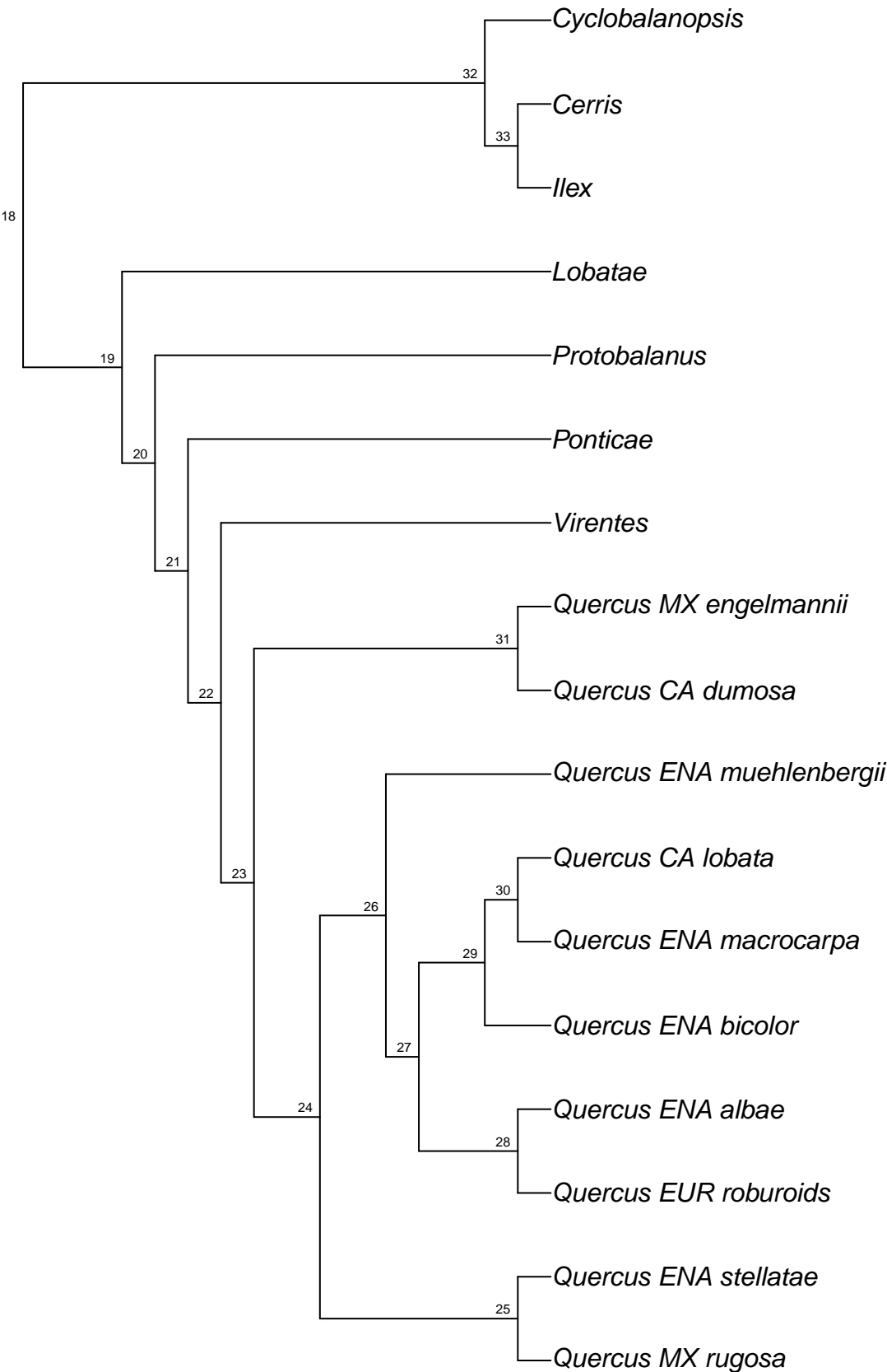
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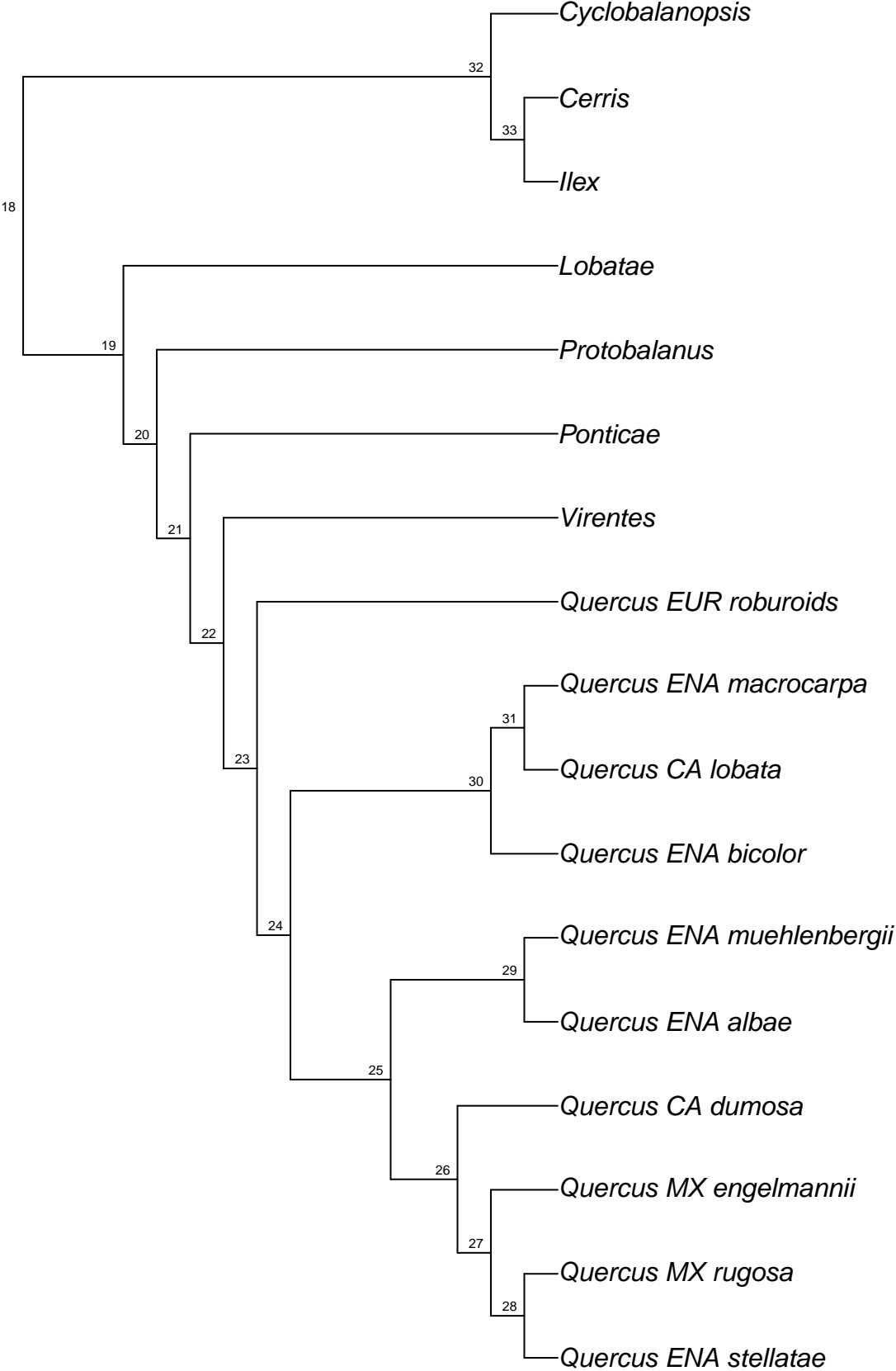
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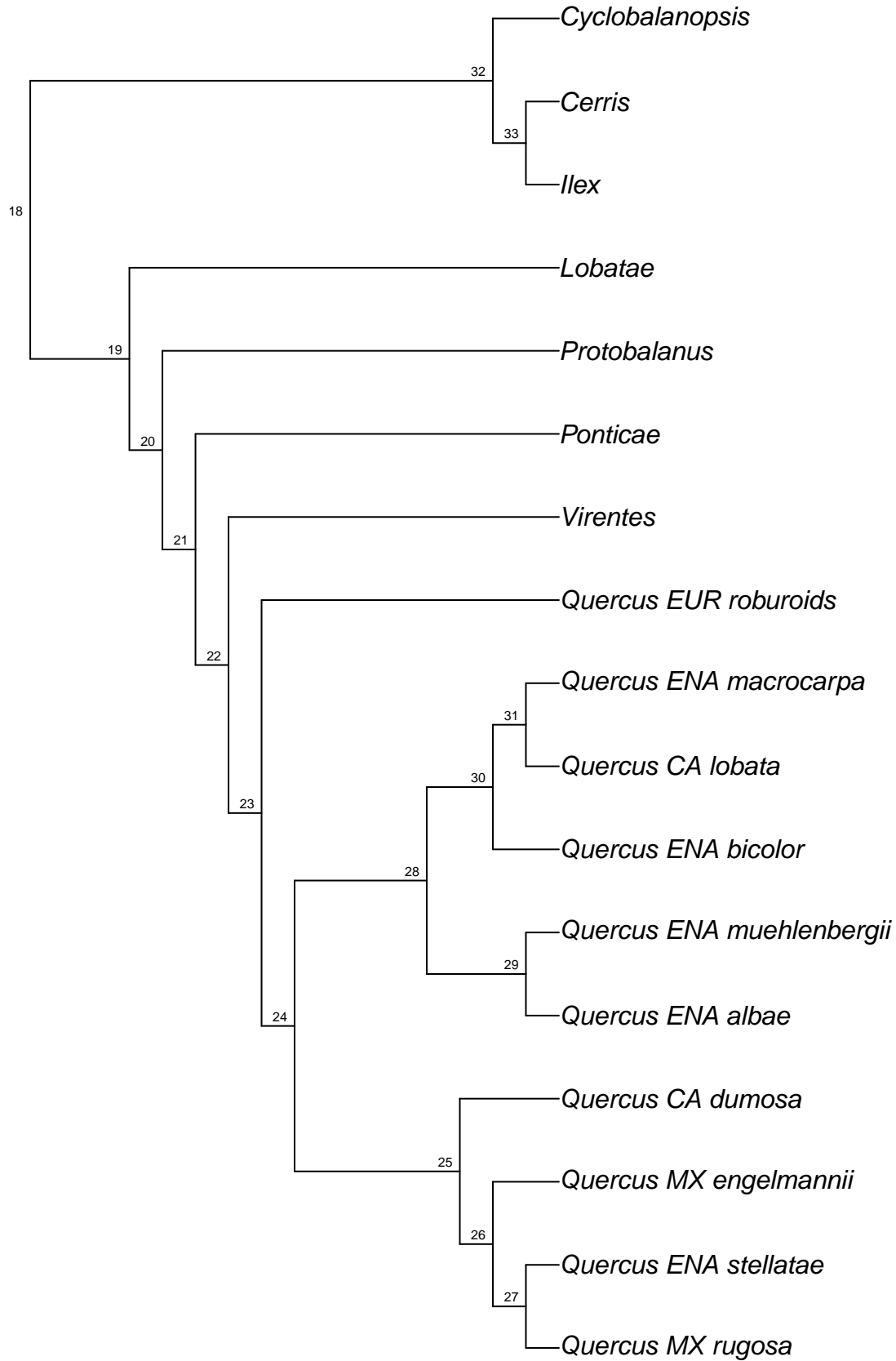
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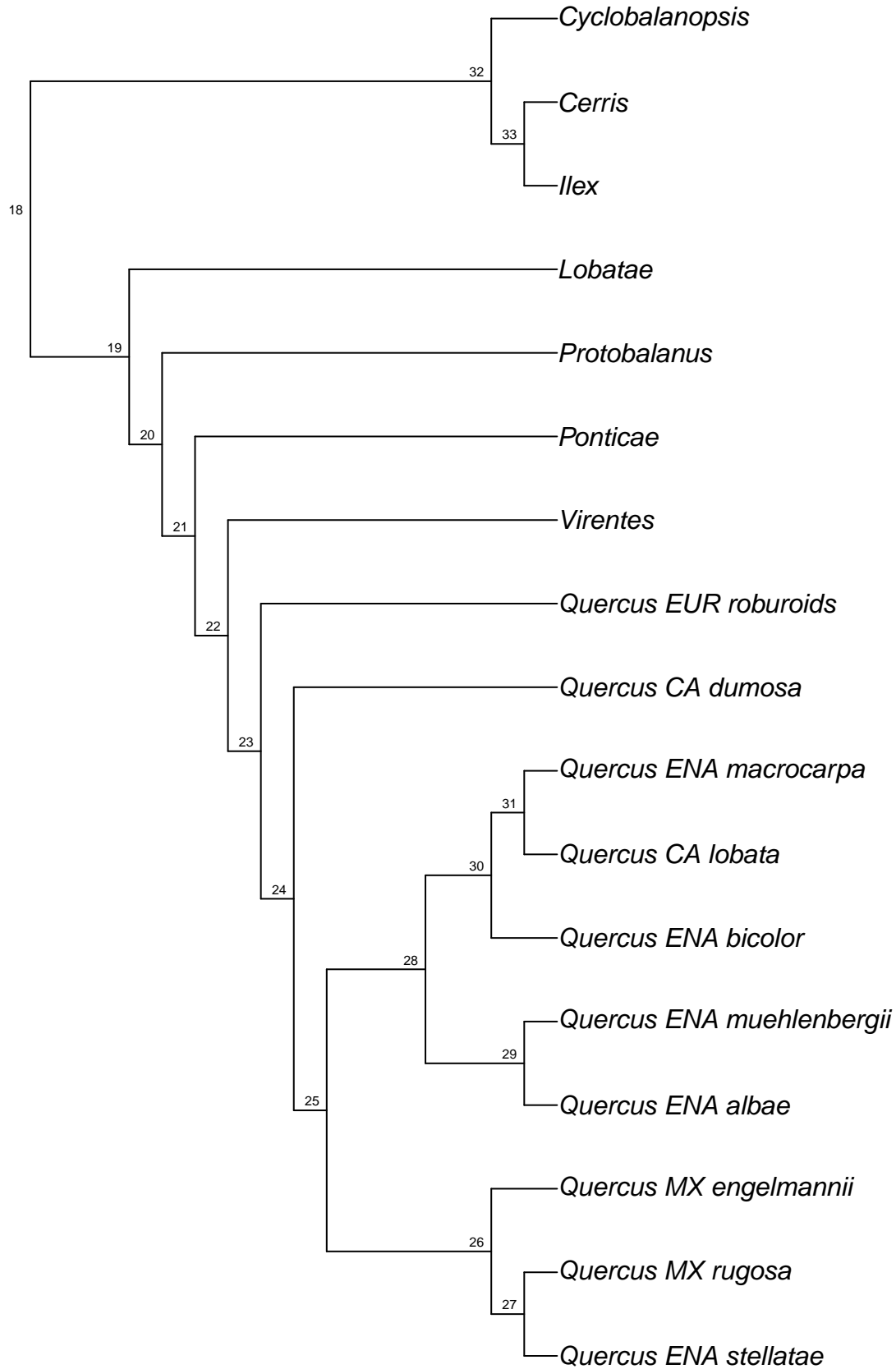
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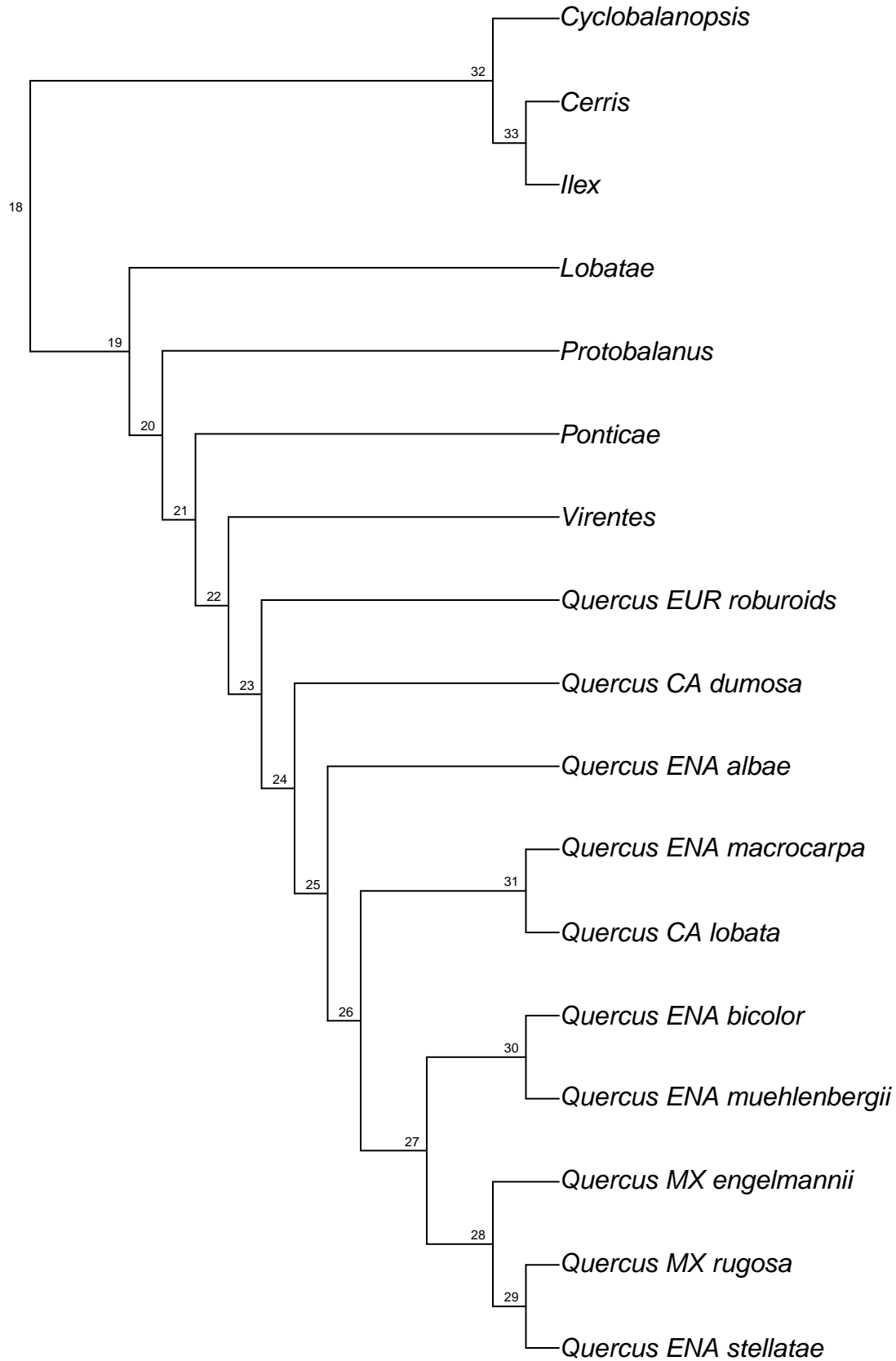
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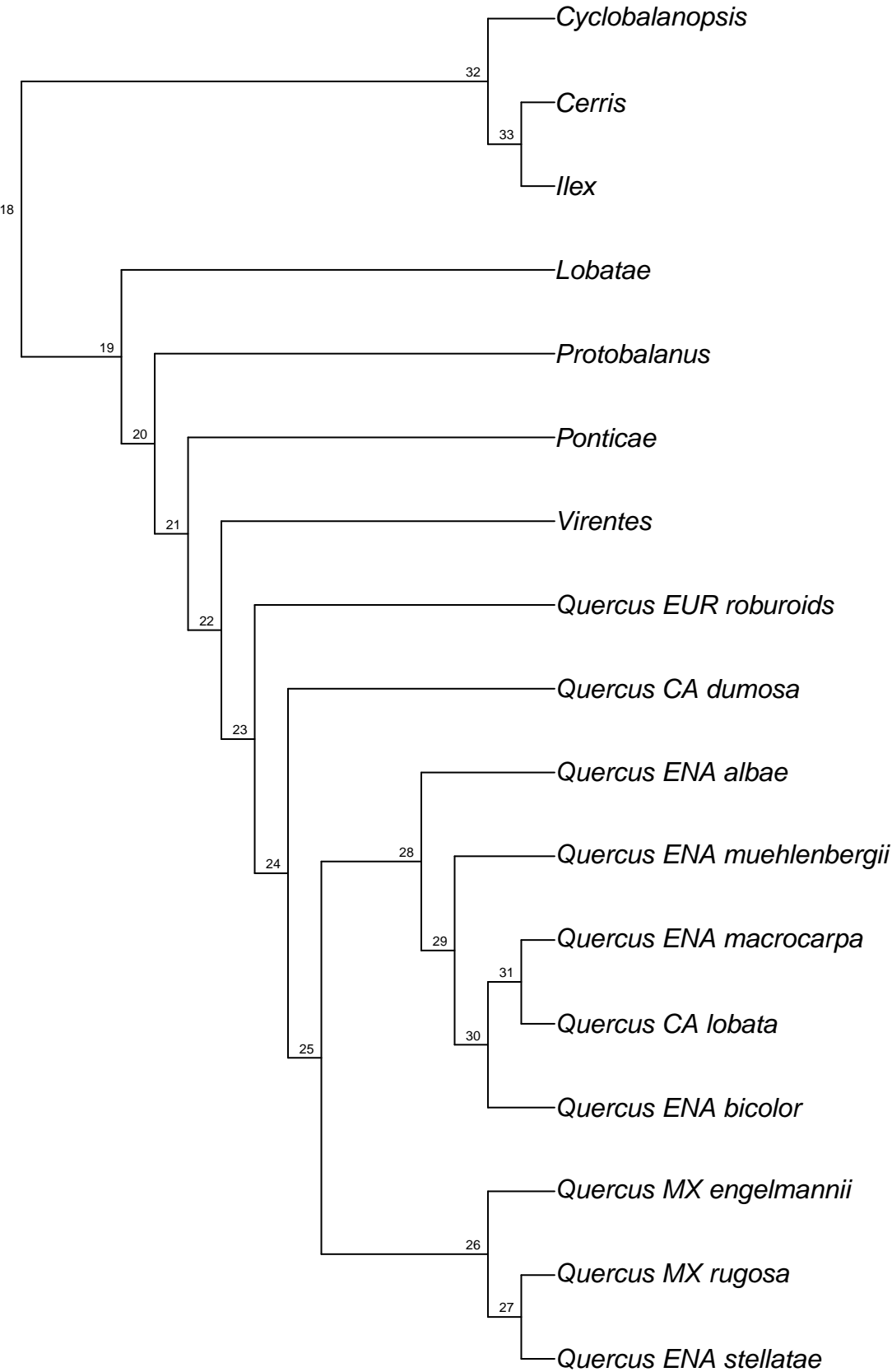
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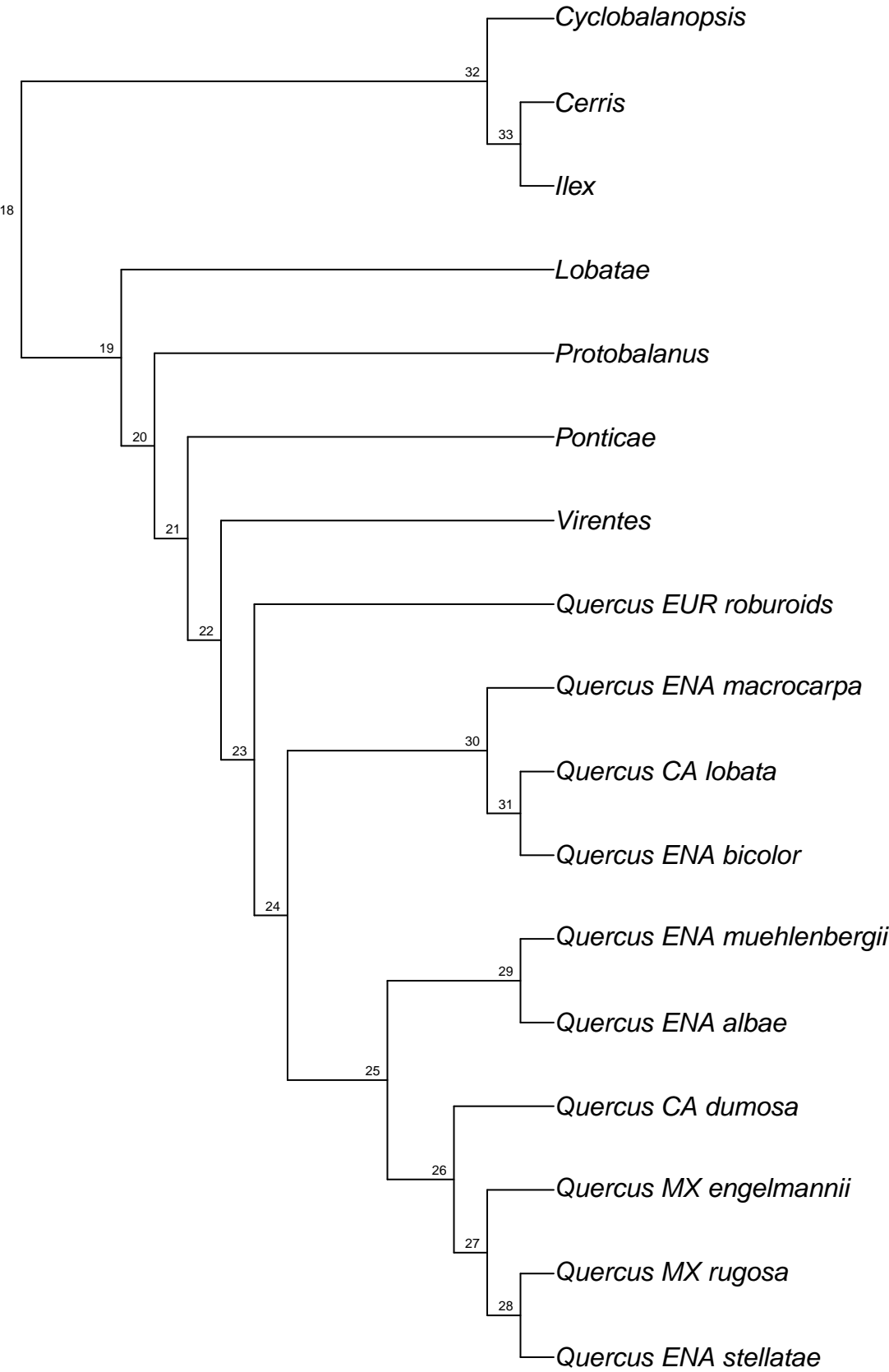
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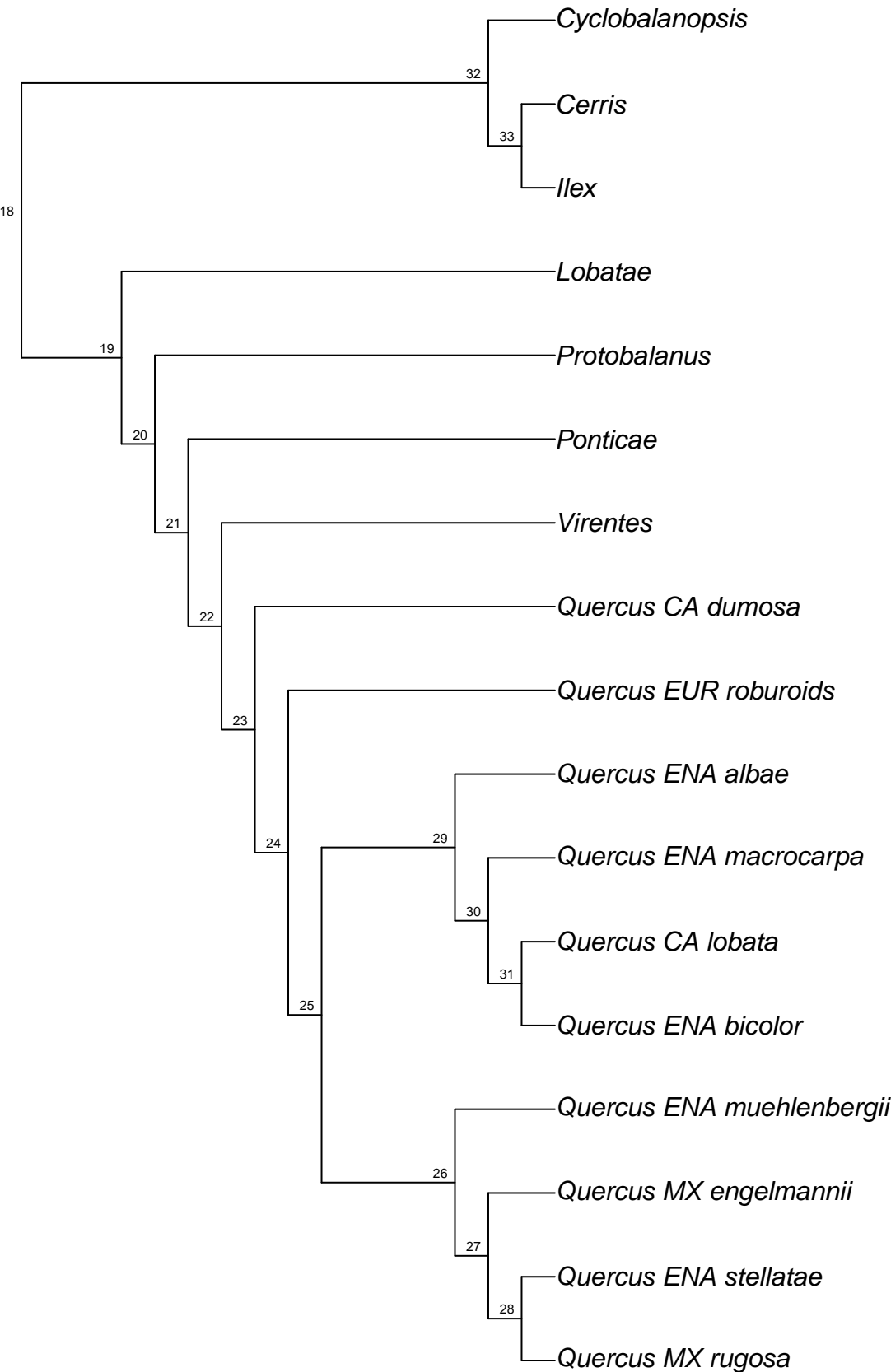
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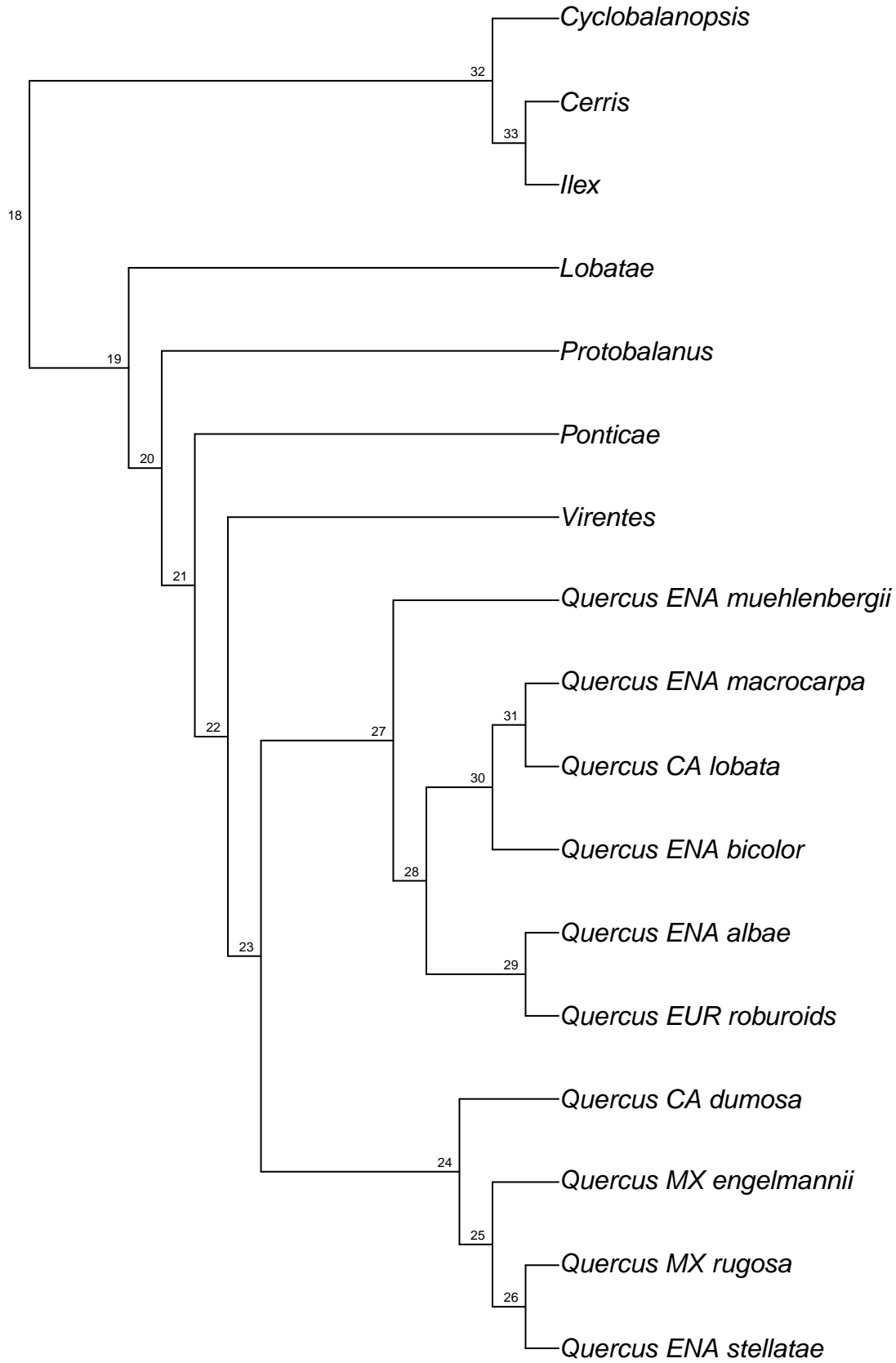
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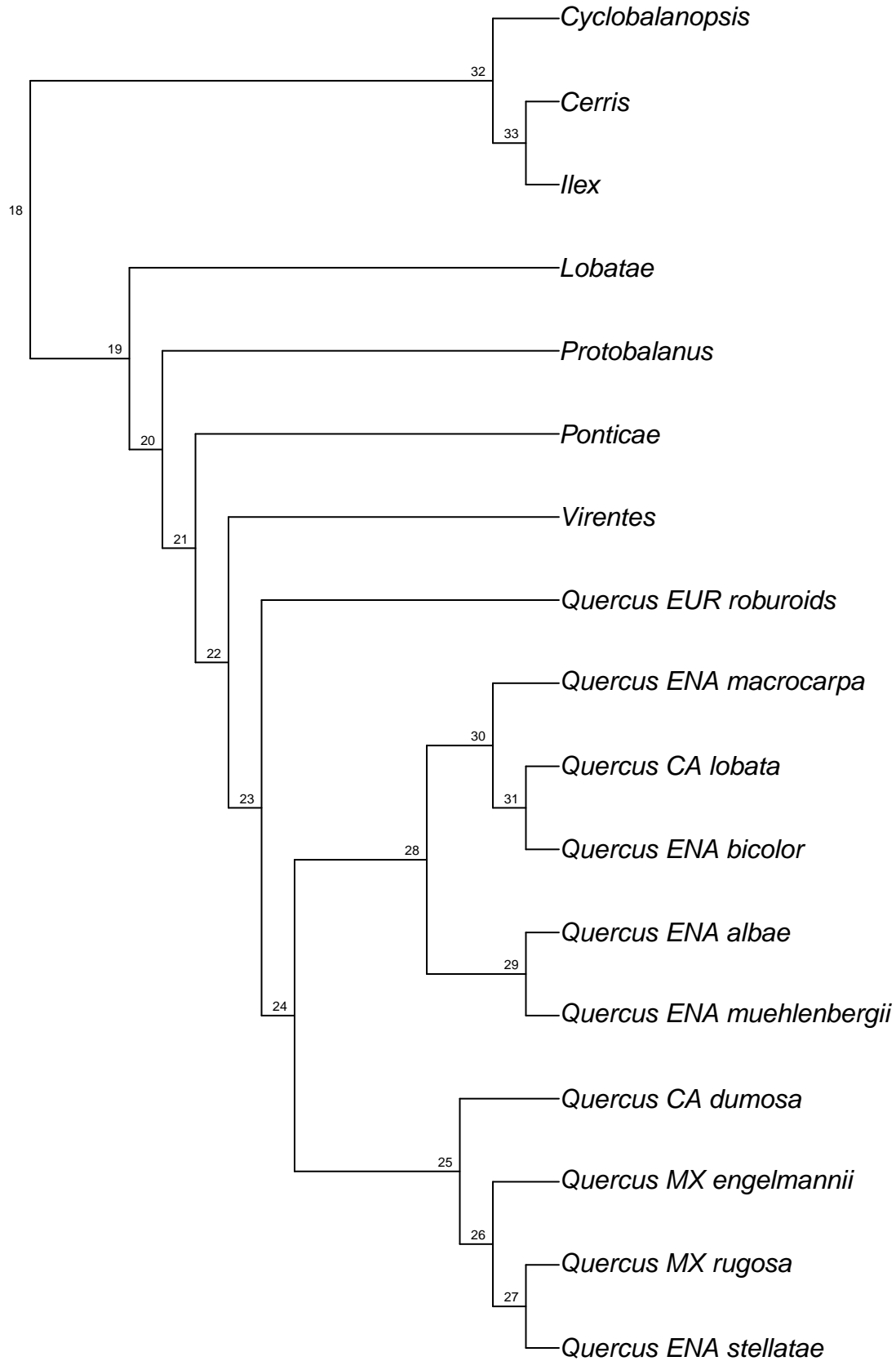
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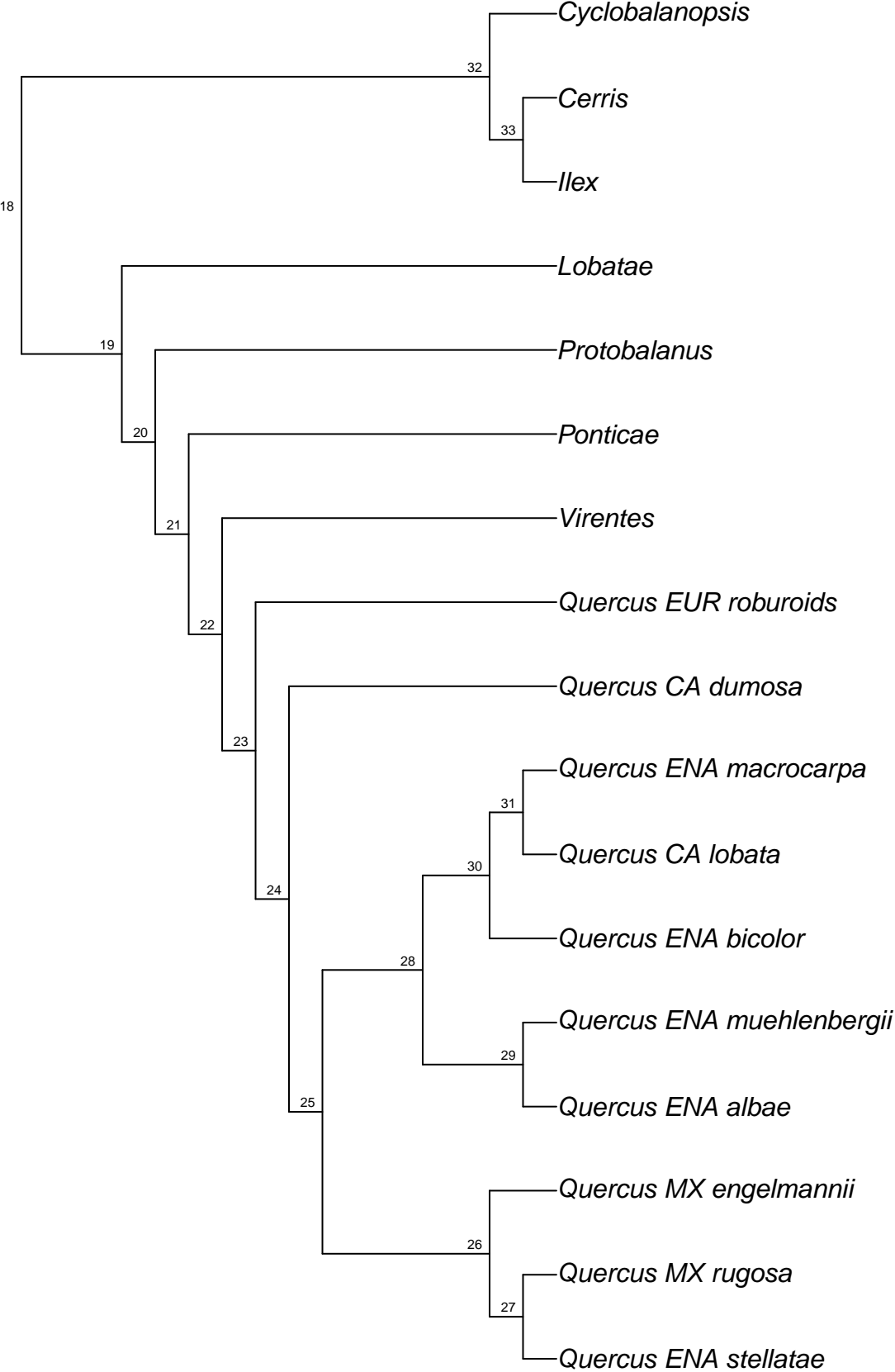
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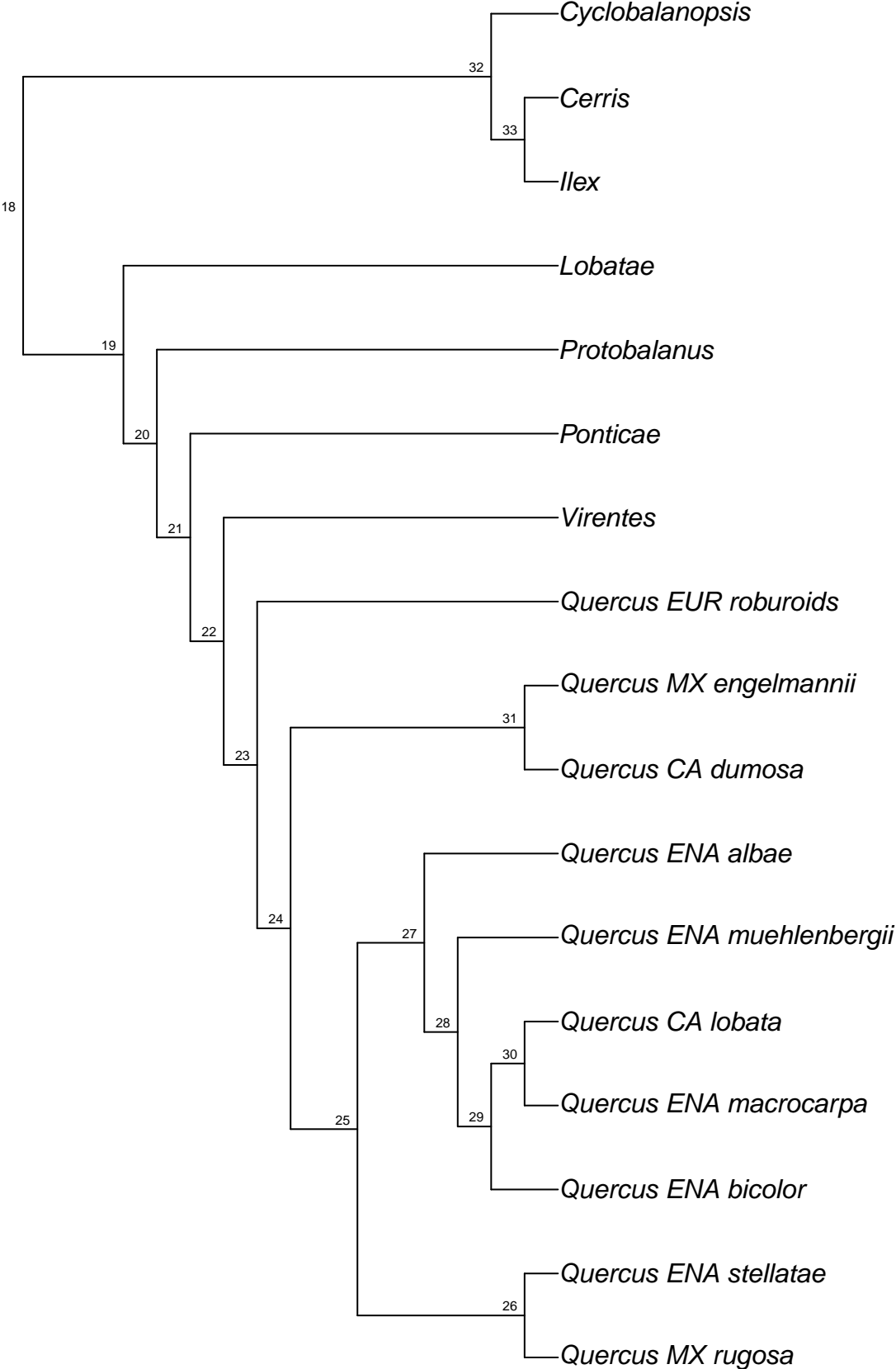
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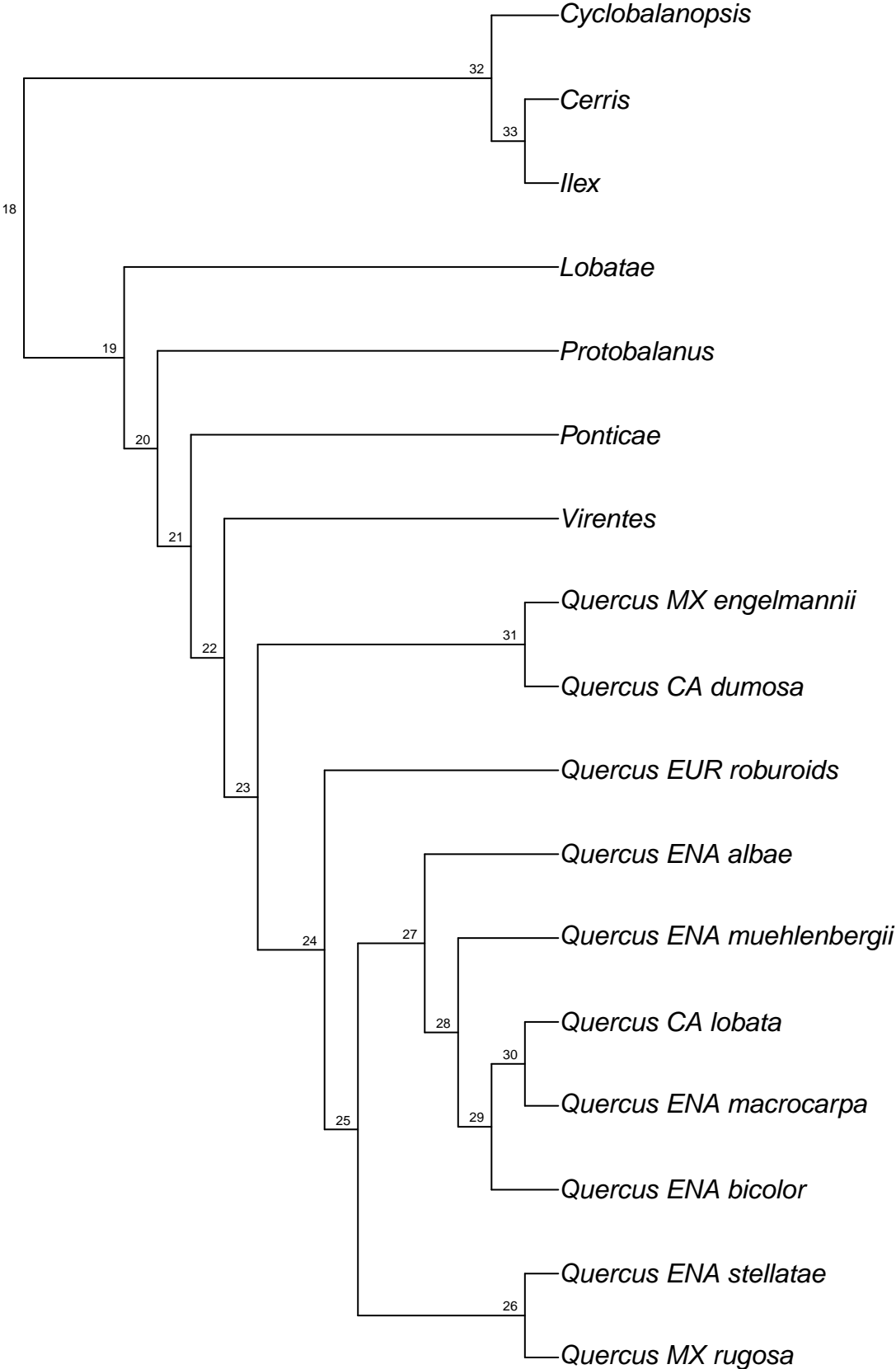
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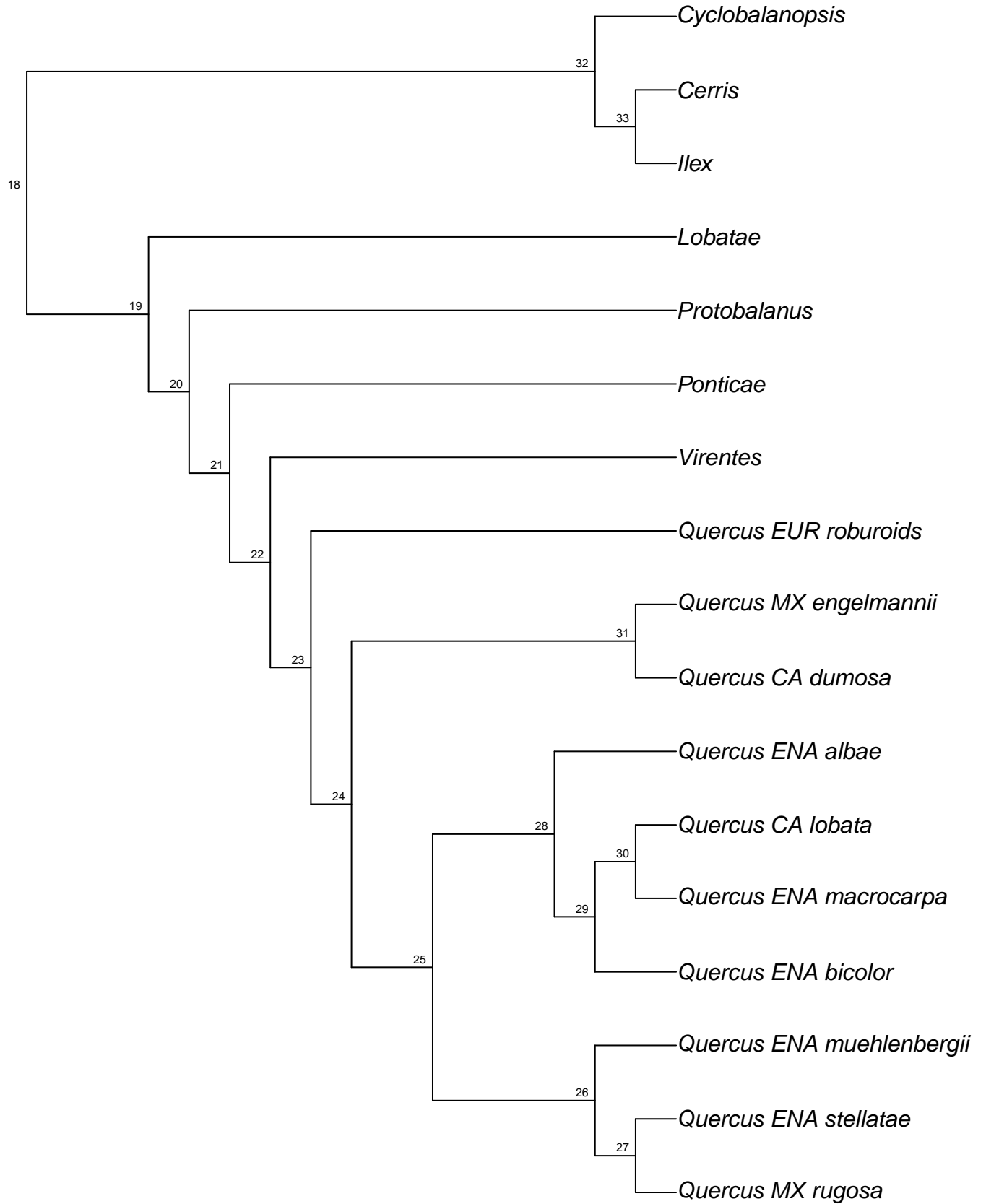
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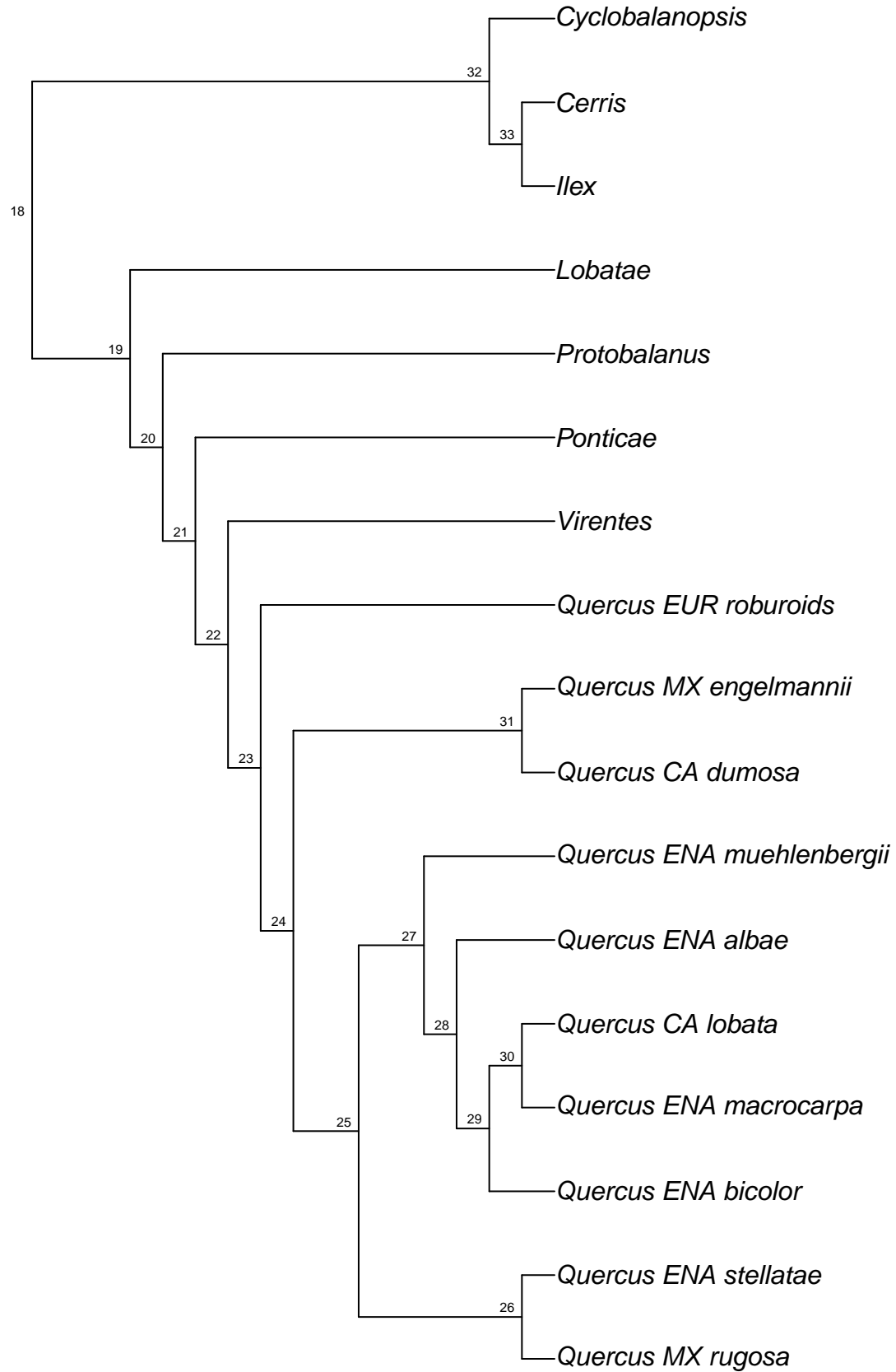
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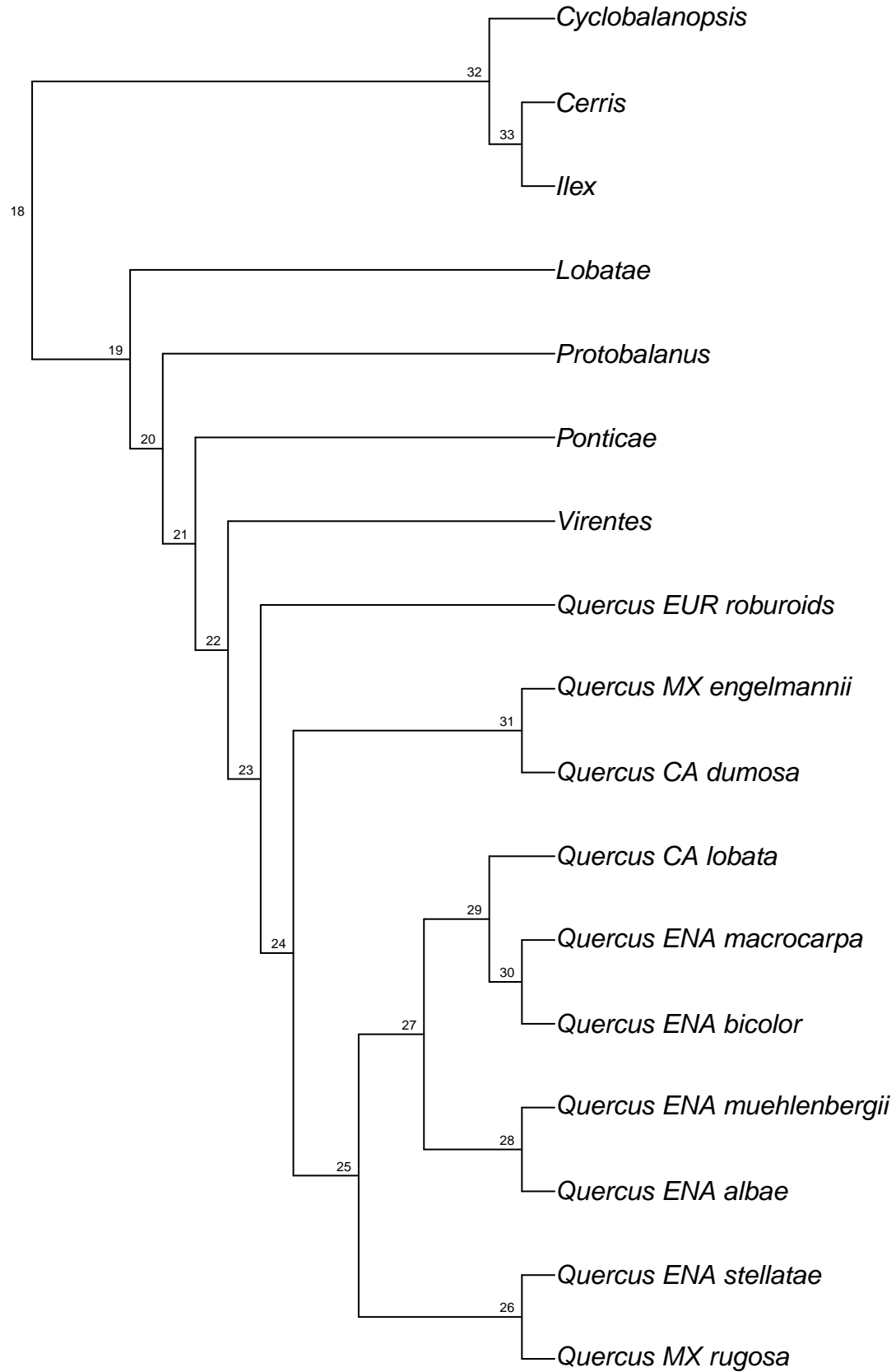
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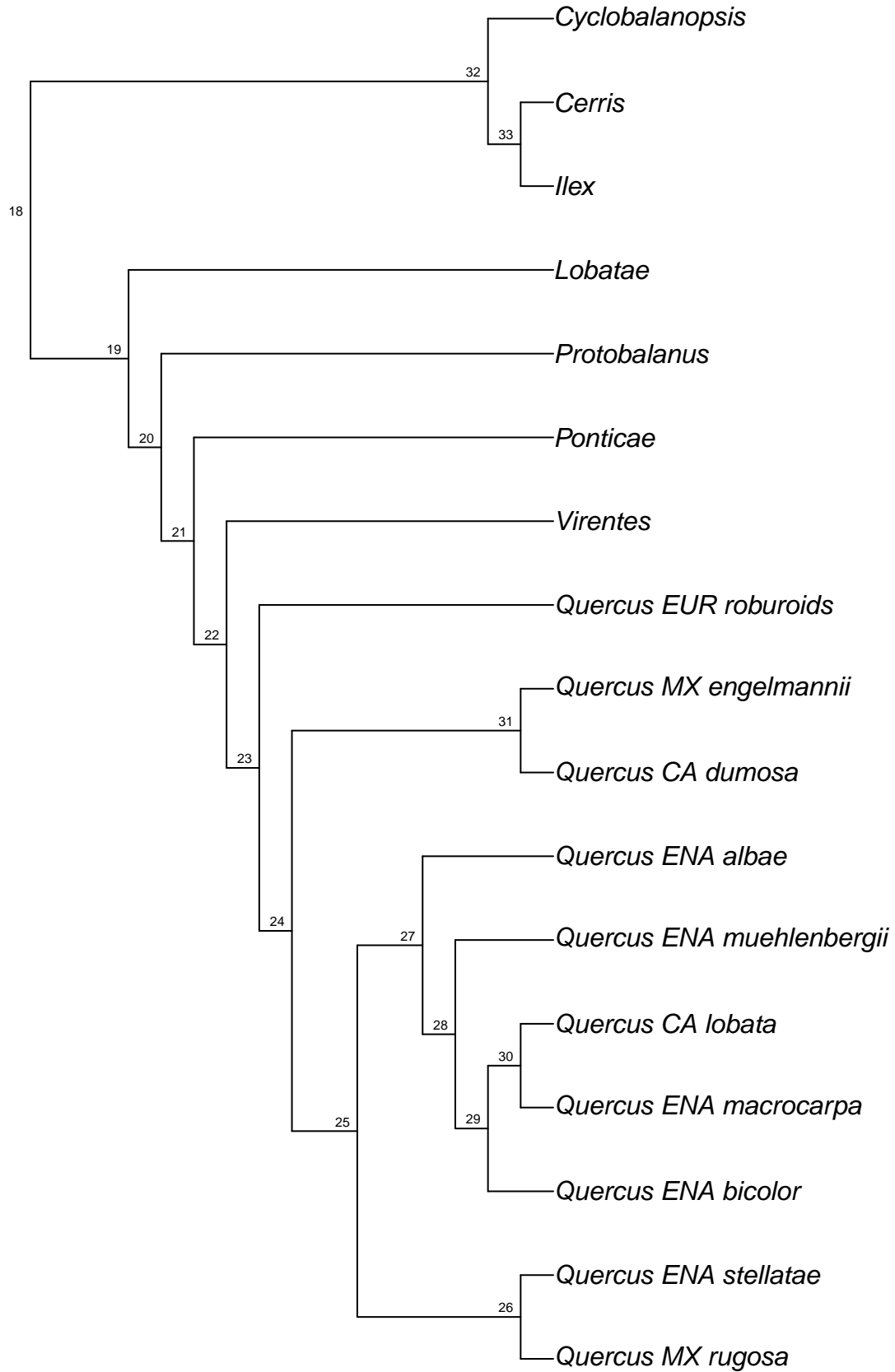
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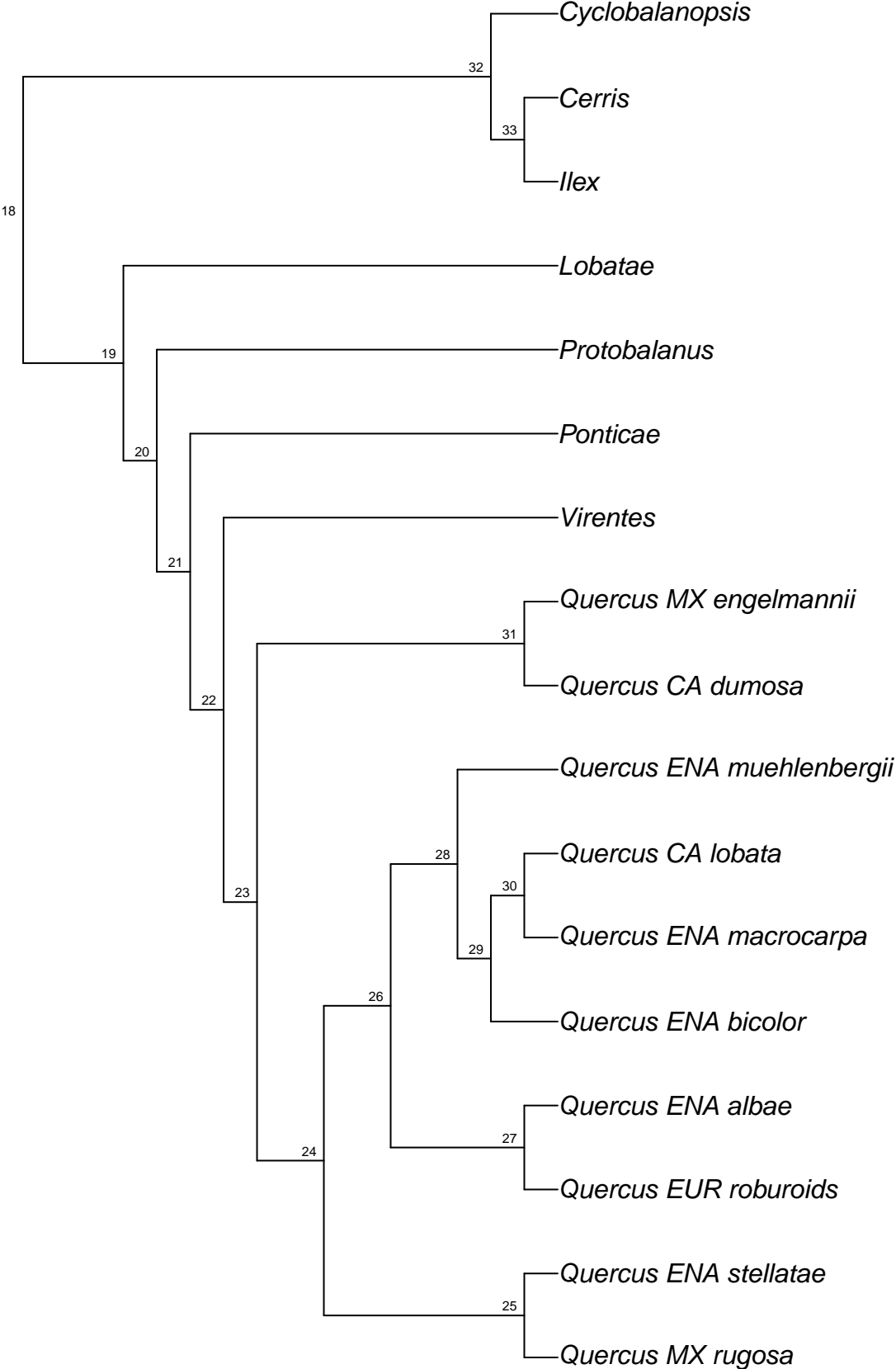
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refRAD.ref_longispica_raxml.bt016



refRAD.ref_longispica_raxml.bt017

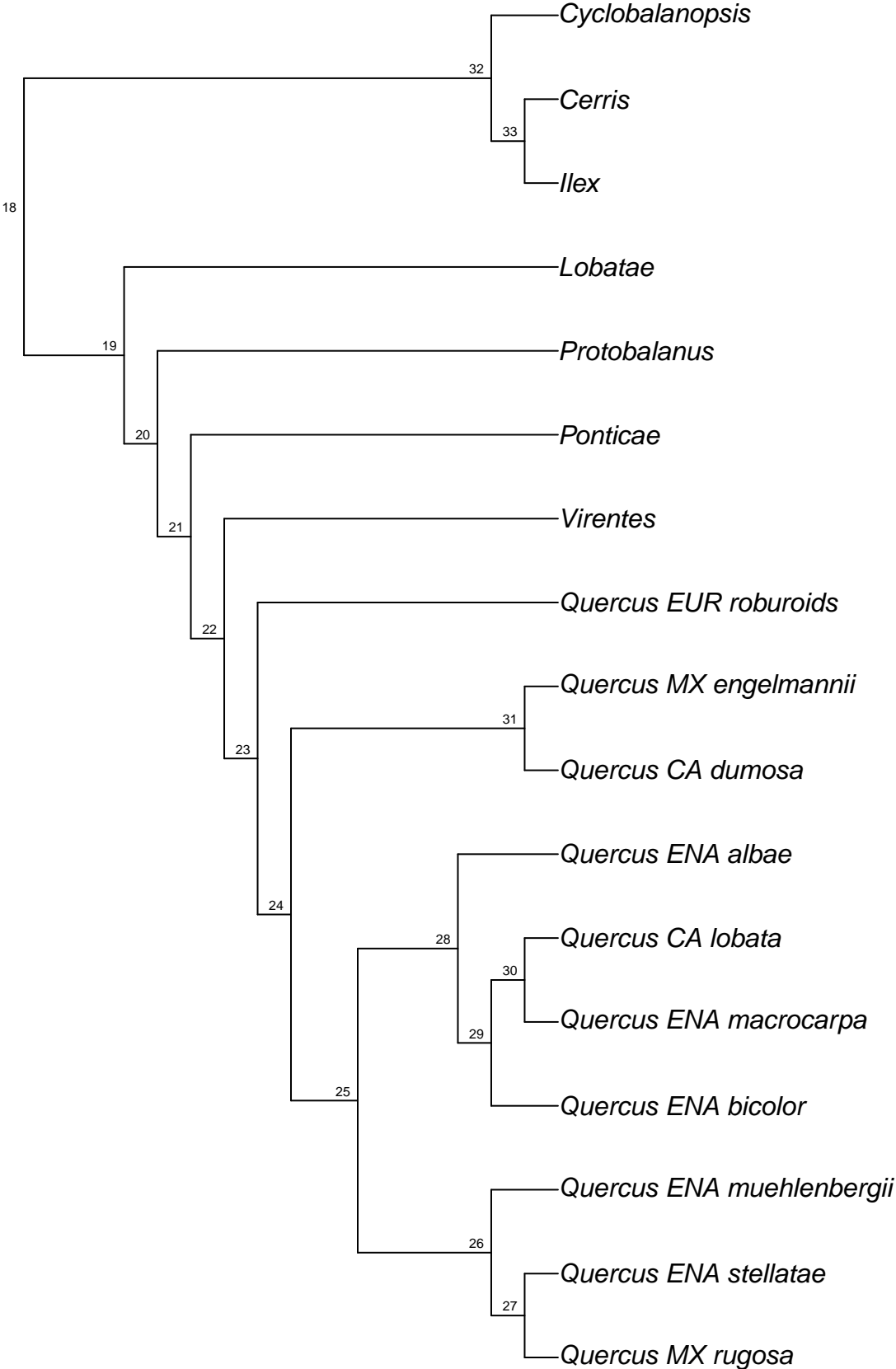


Phylogenetic tree showing relationships between *Quercus* species and outgroups, based on 18S rDNA sequences. Bootstrap values are indicated at the nodes.

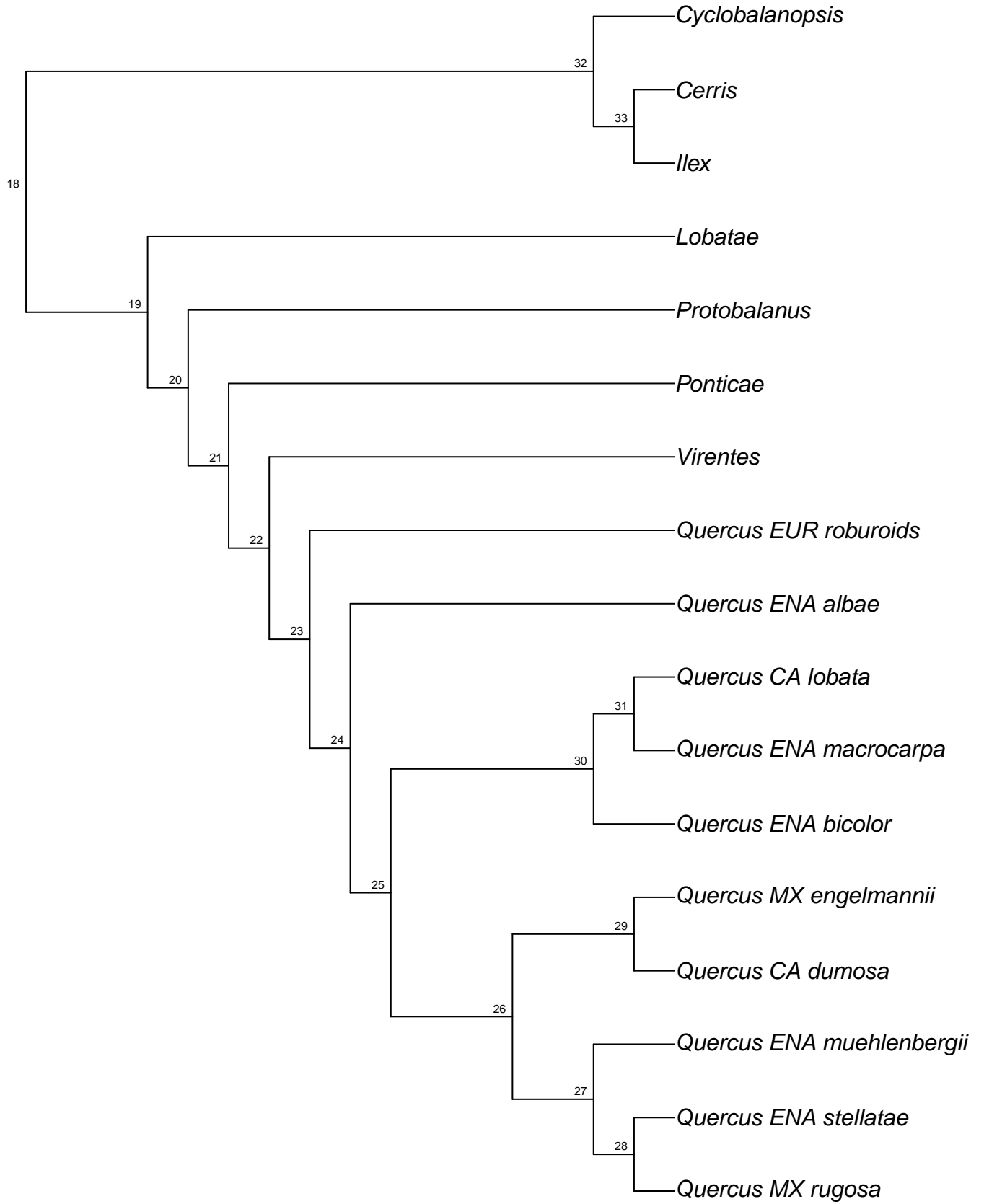
Species and their corresponding bootstrap values (in parentheses):

- Cyclobalanopsis* (32)
- Cerris* (33)
- Ilex* (33)
- Lobatae* (19)
- Protobalanus* (20)
- Ponticae* (21)
- Virentes* (22)
- Quercus MX engelmannii* (31)
- Quercus CA dumosa* (31)
- Quercus ENA muehlenbergii* (26)
- Quercus CA lobata* (30)
- Quercus ENA macrocarpa* (30)
- Quercus ENA bicolor* (29)
- Quercus ENA albae* (28)
- Quercus EUR roburoids* (28)
- Quercus ENA stellatae* (25)
- Quercus MX rugosa* (25)

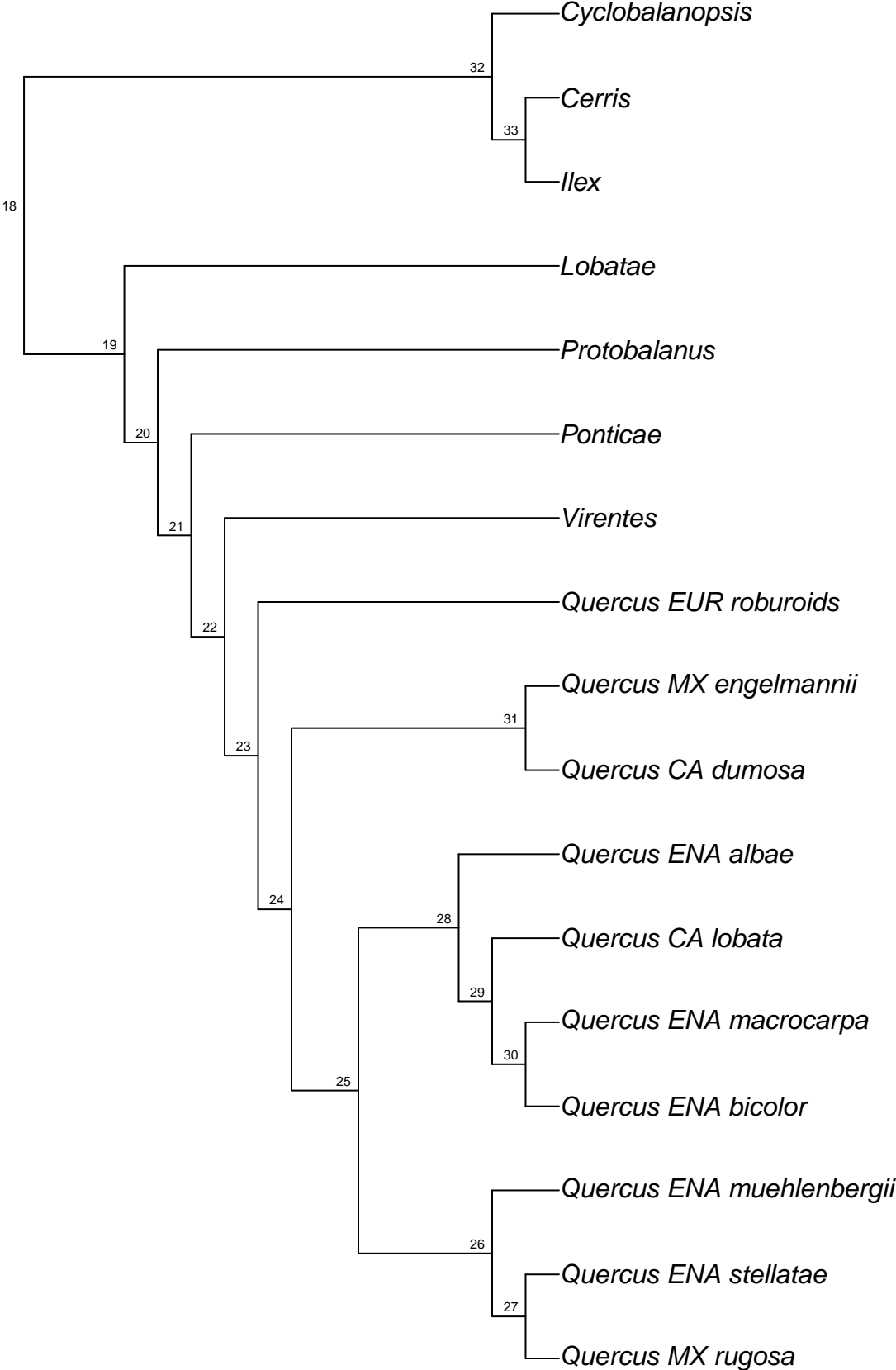
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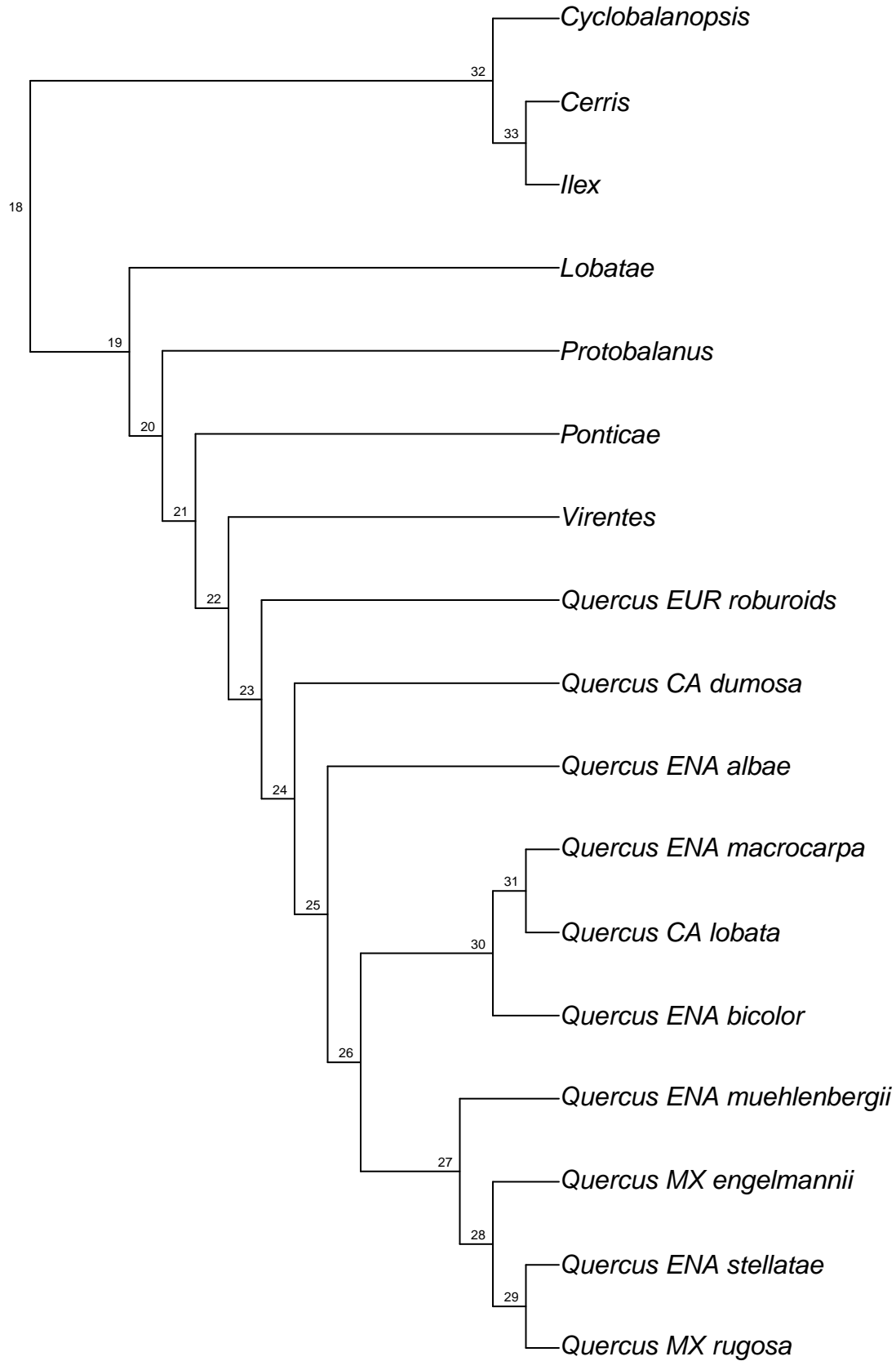
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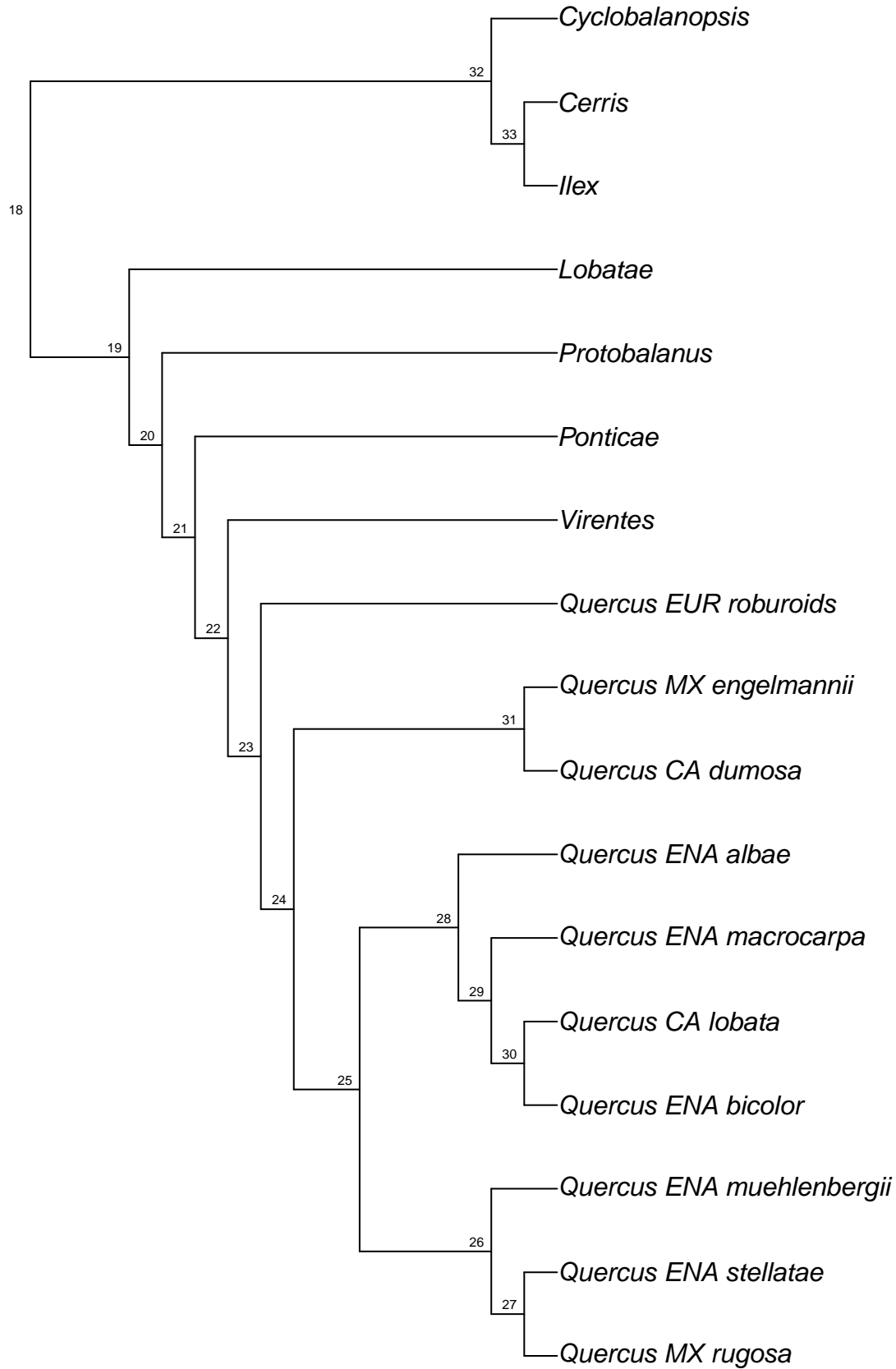
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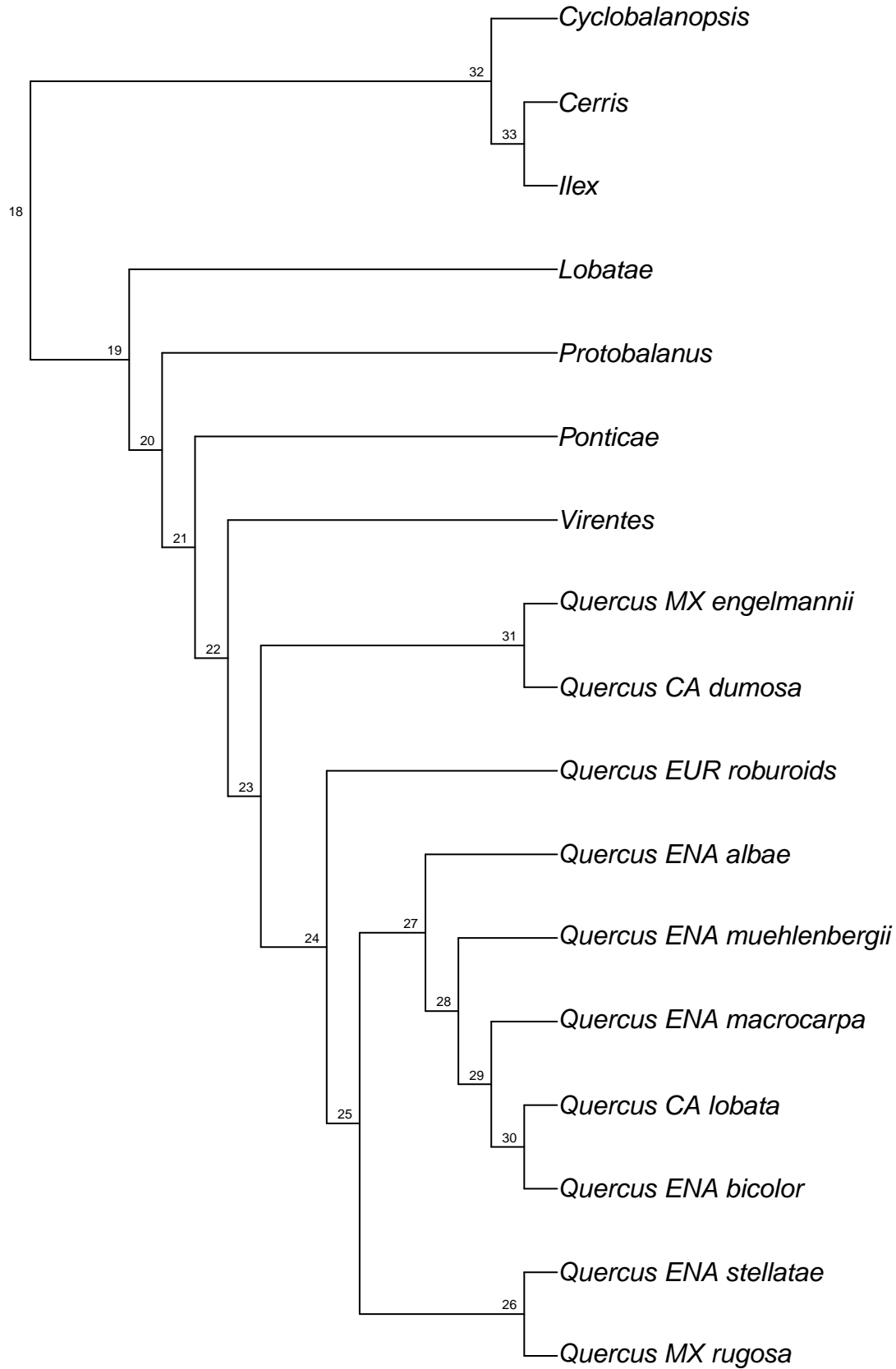
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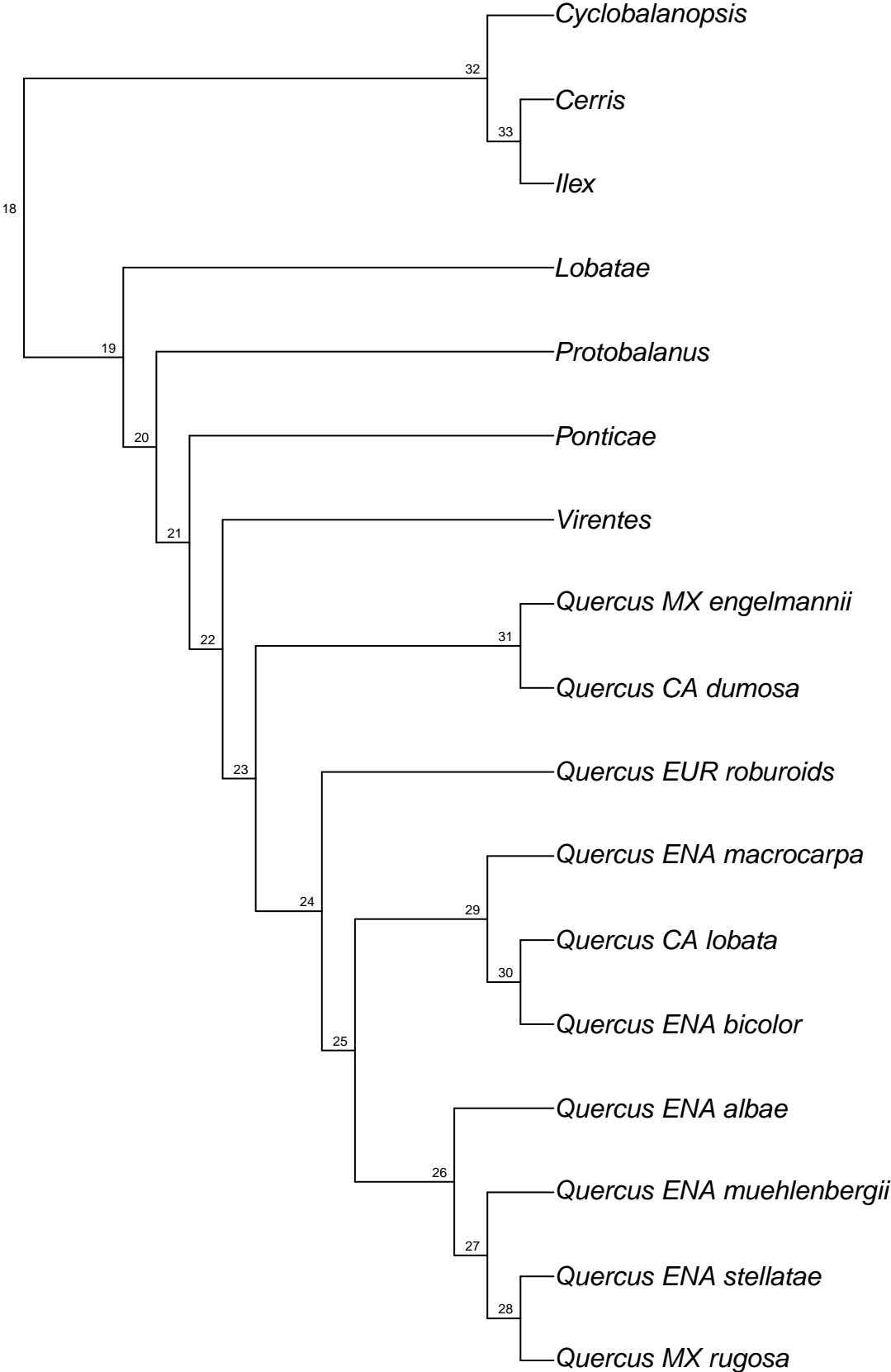
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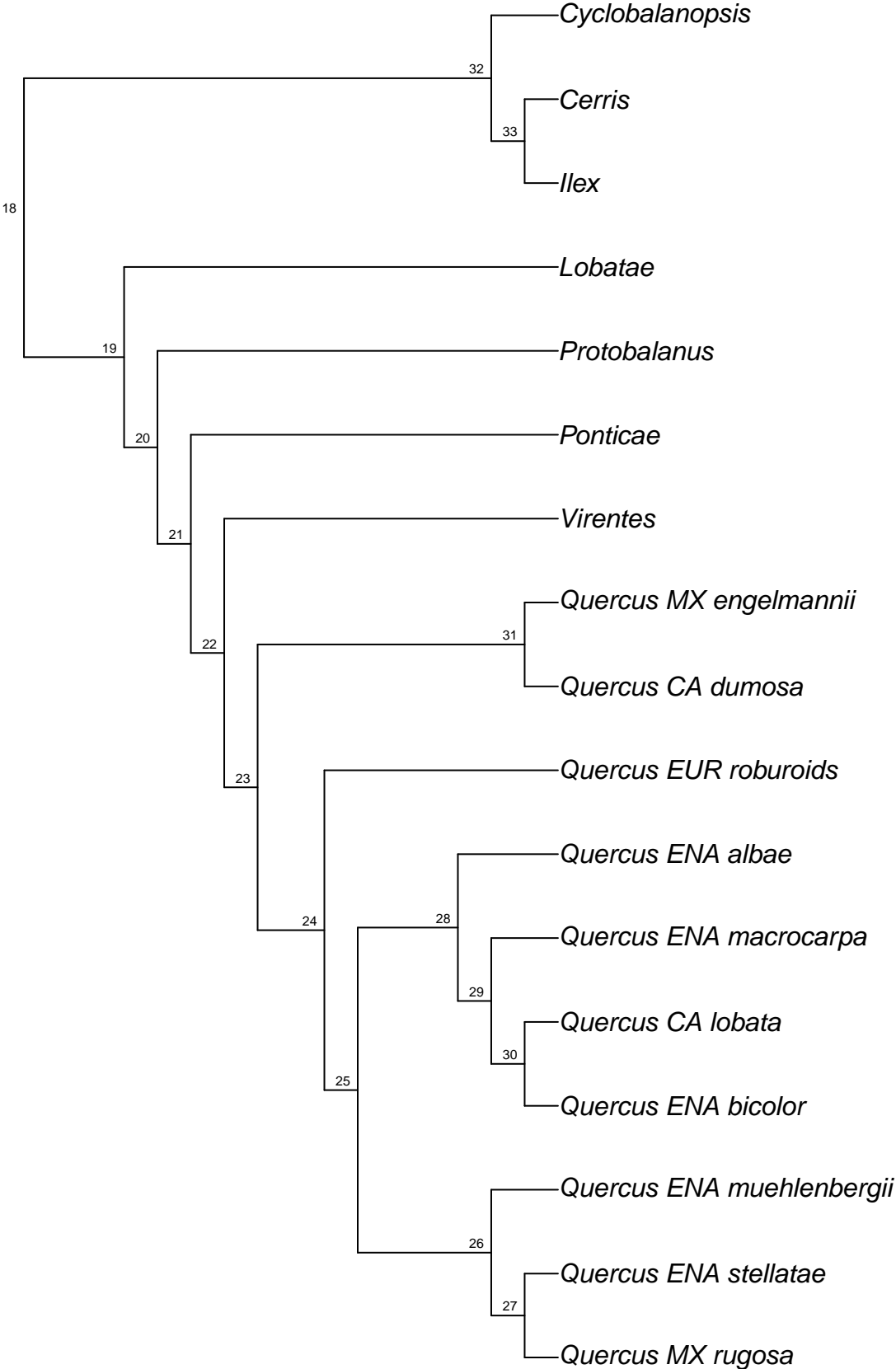
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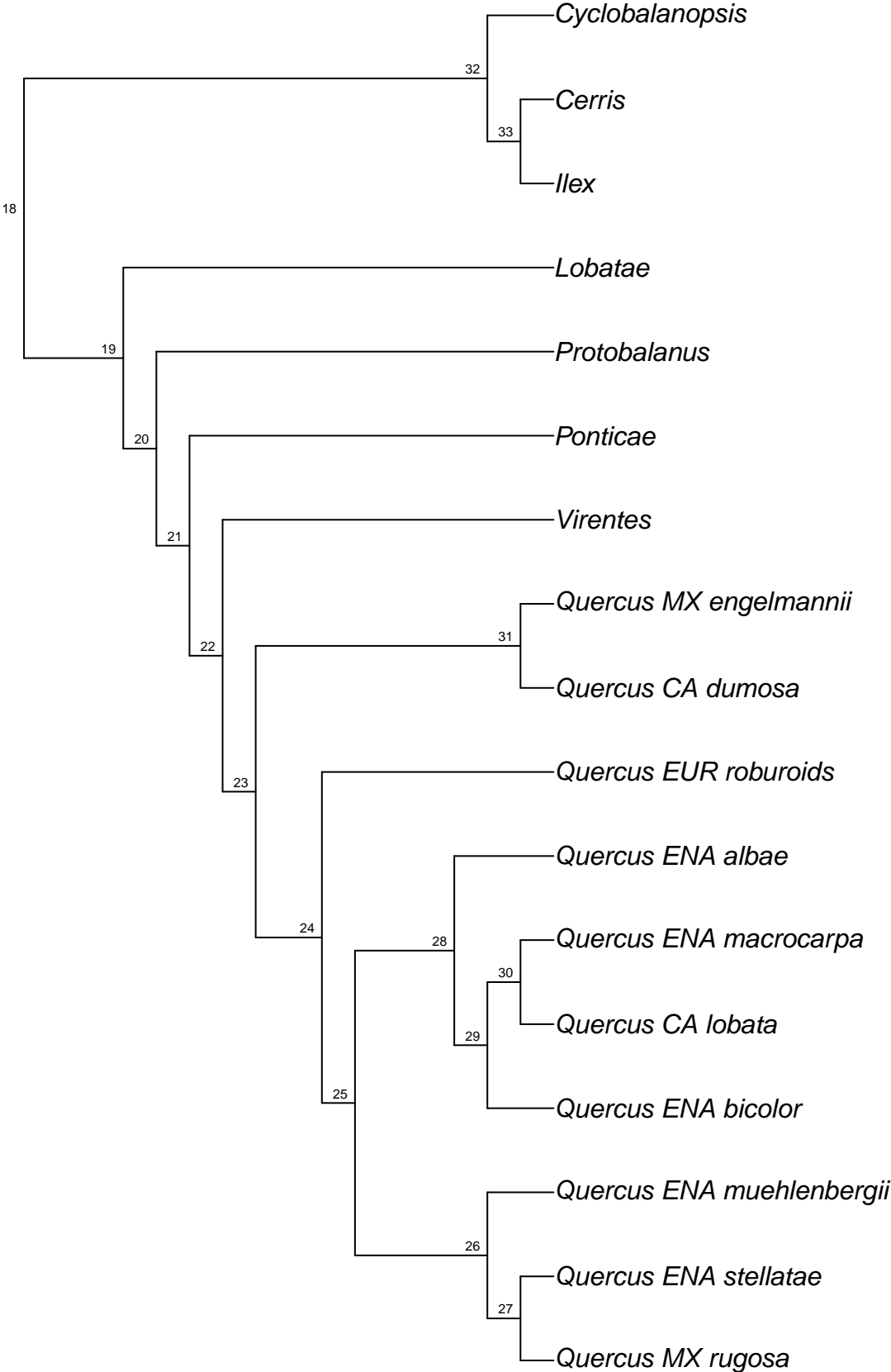
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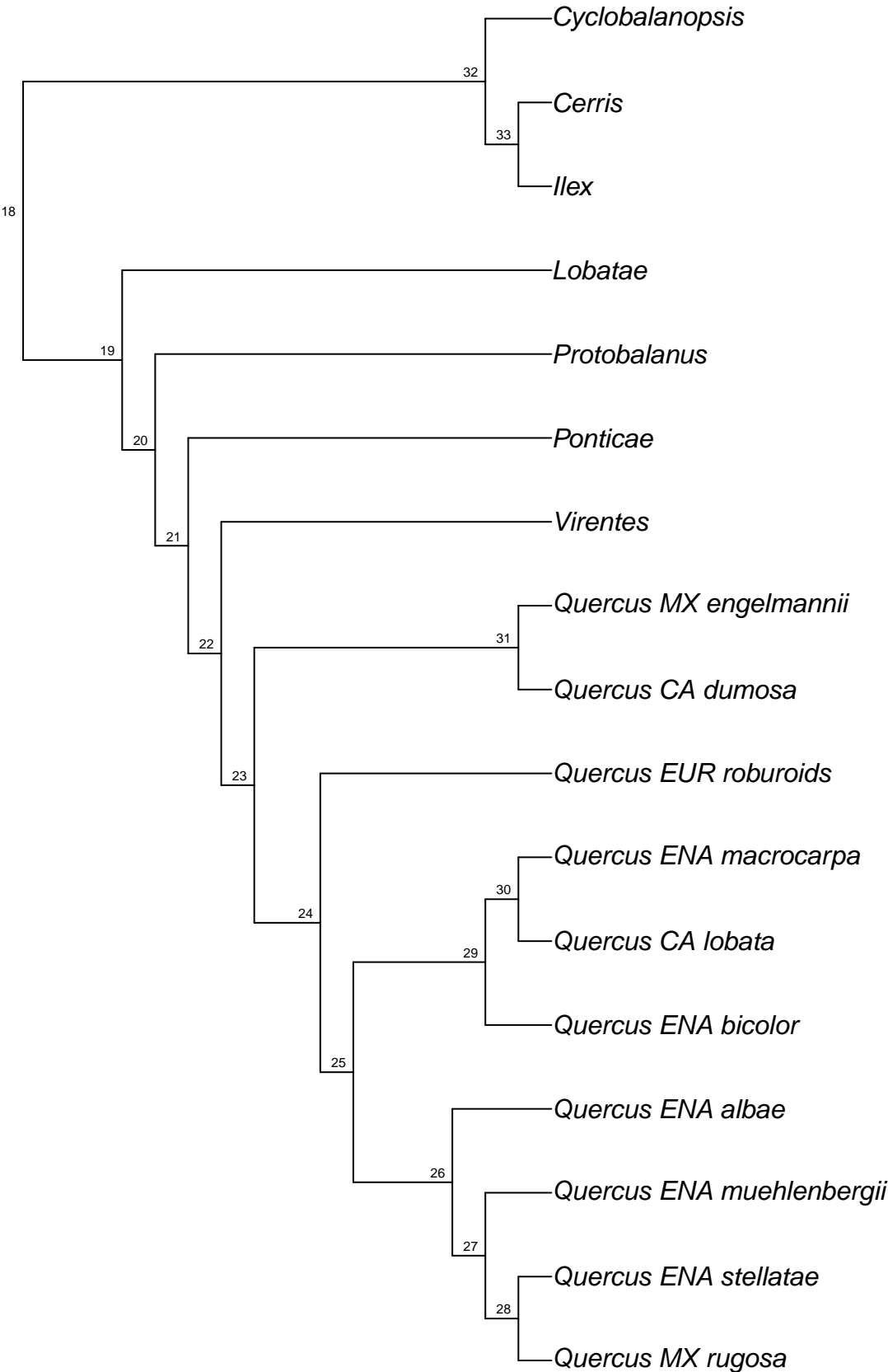
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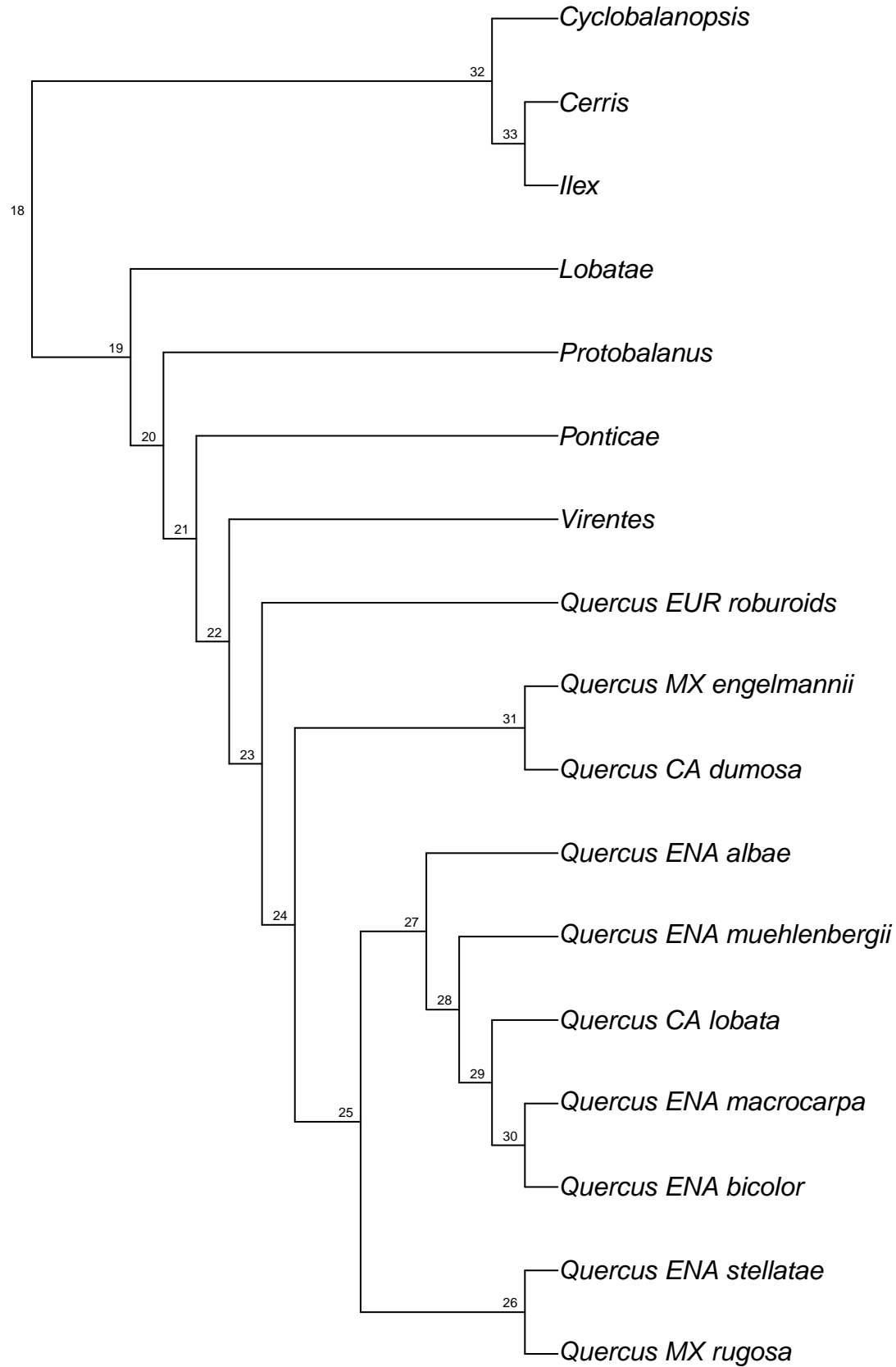
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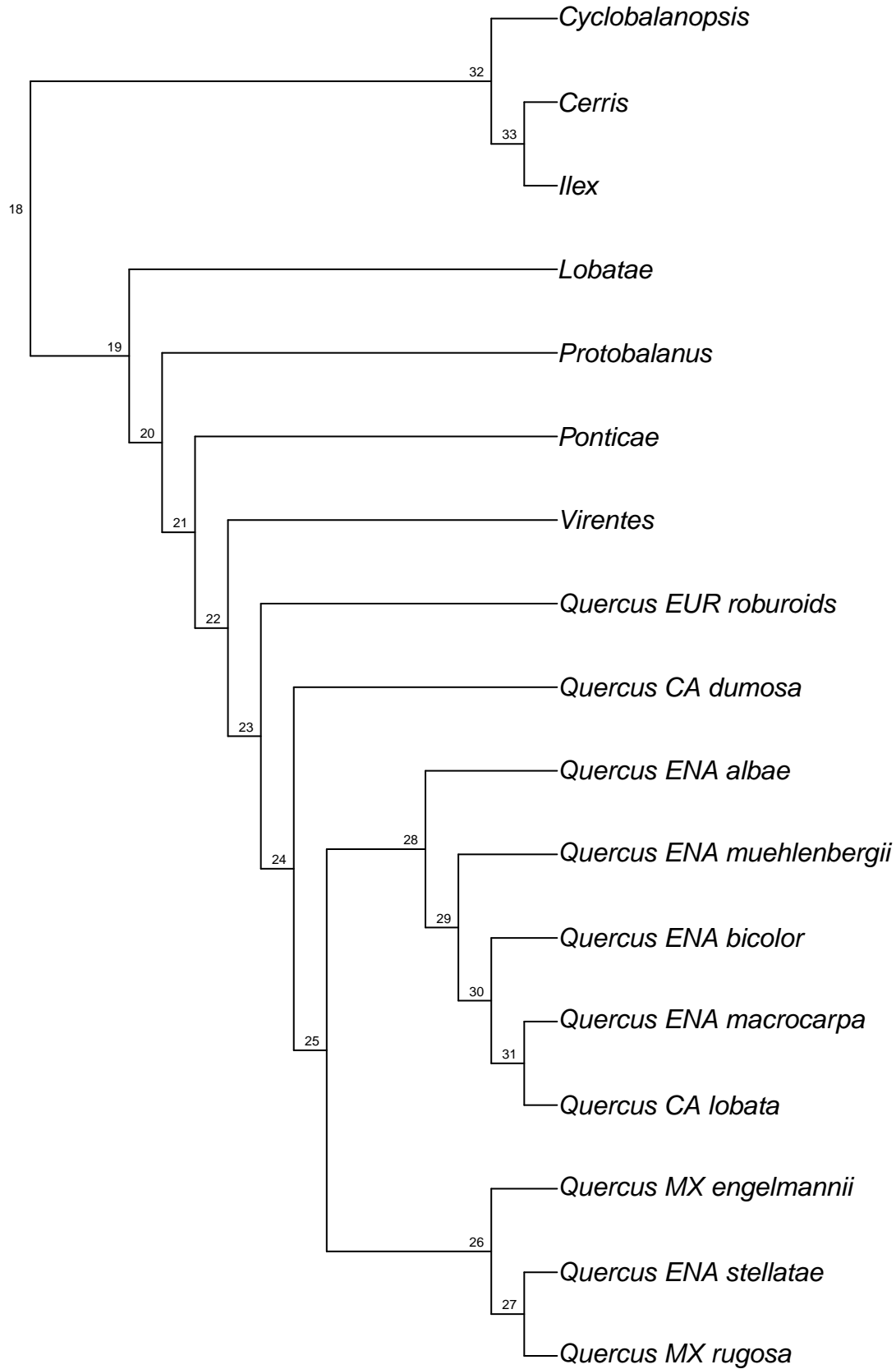
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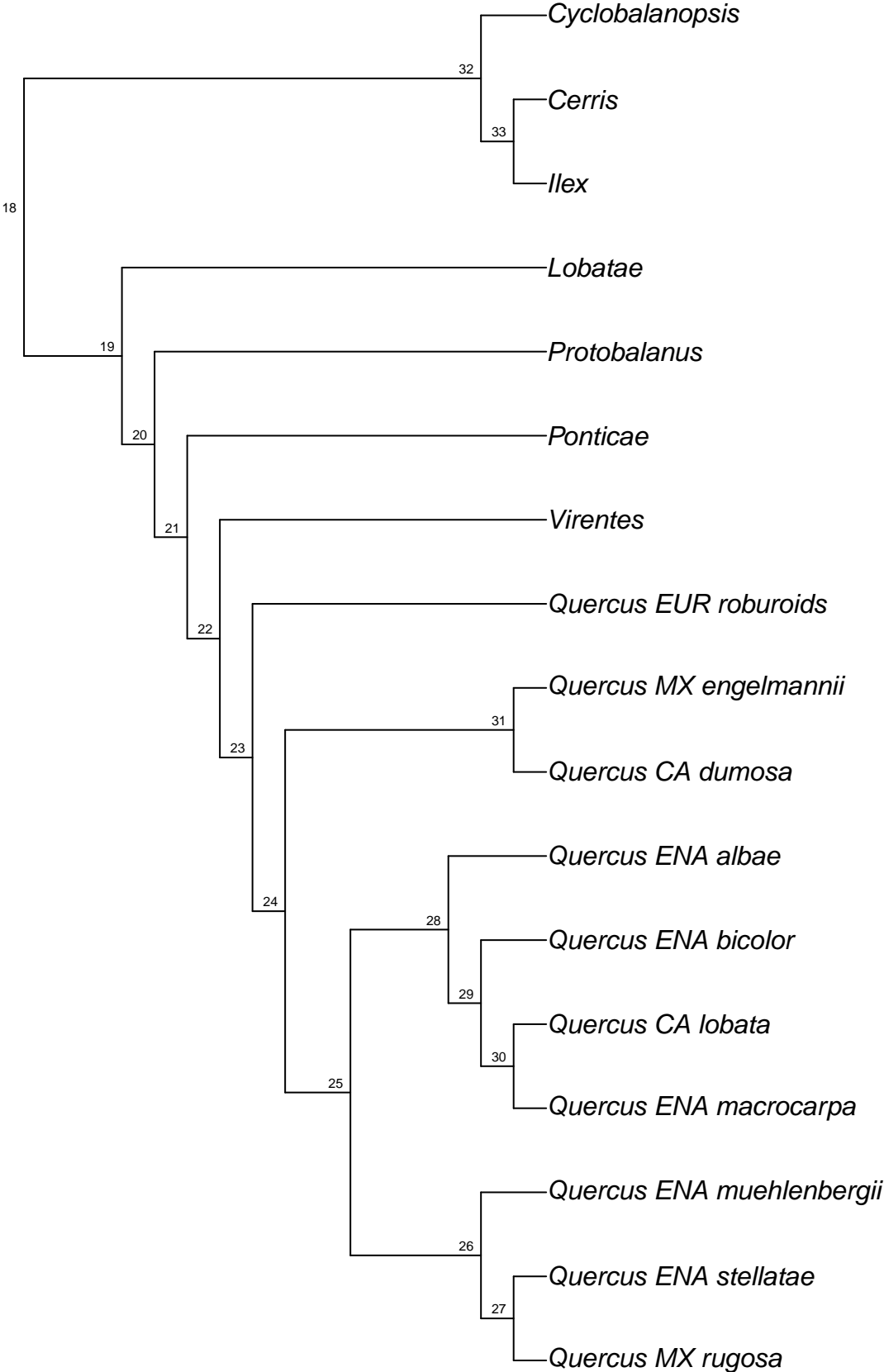
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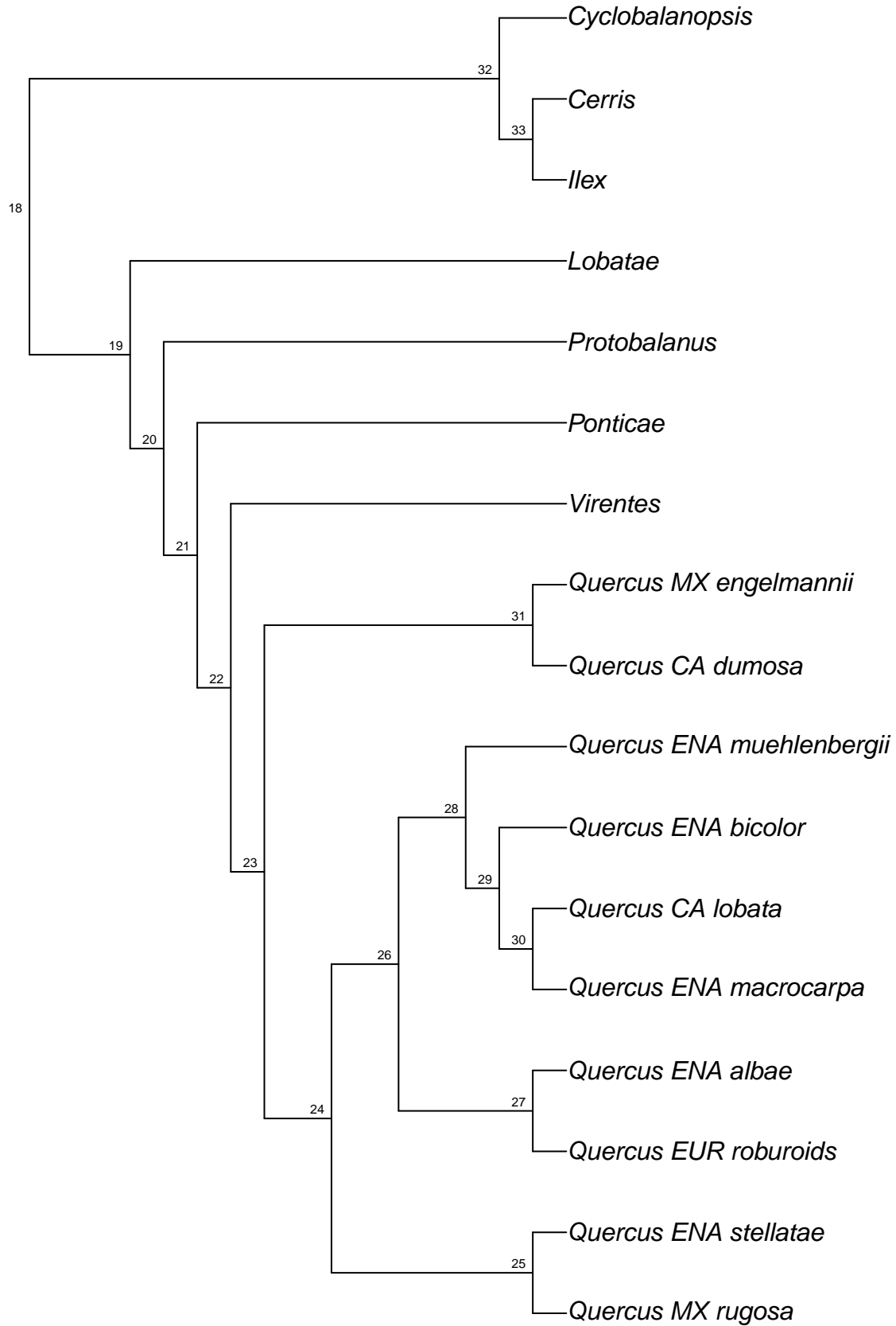
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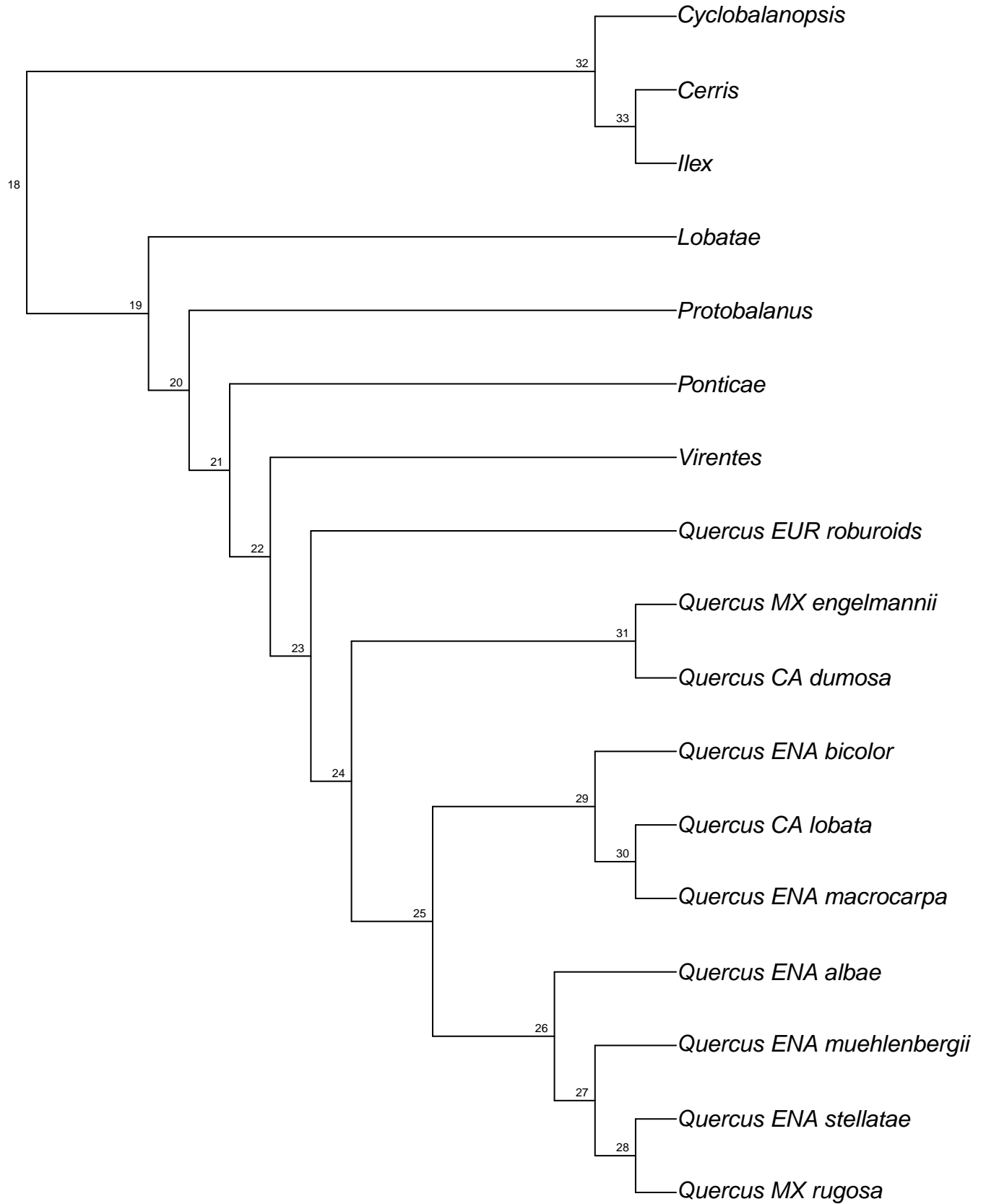
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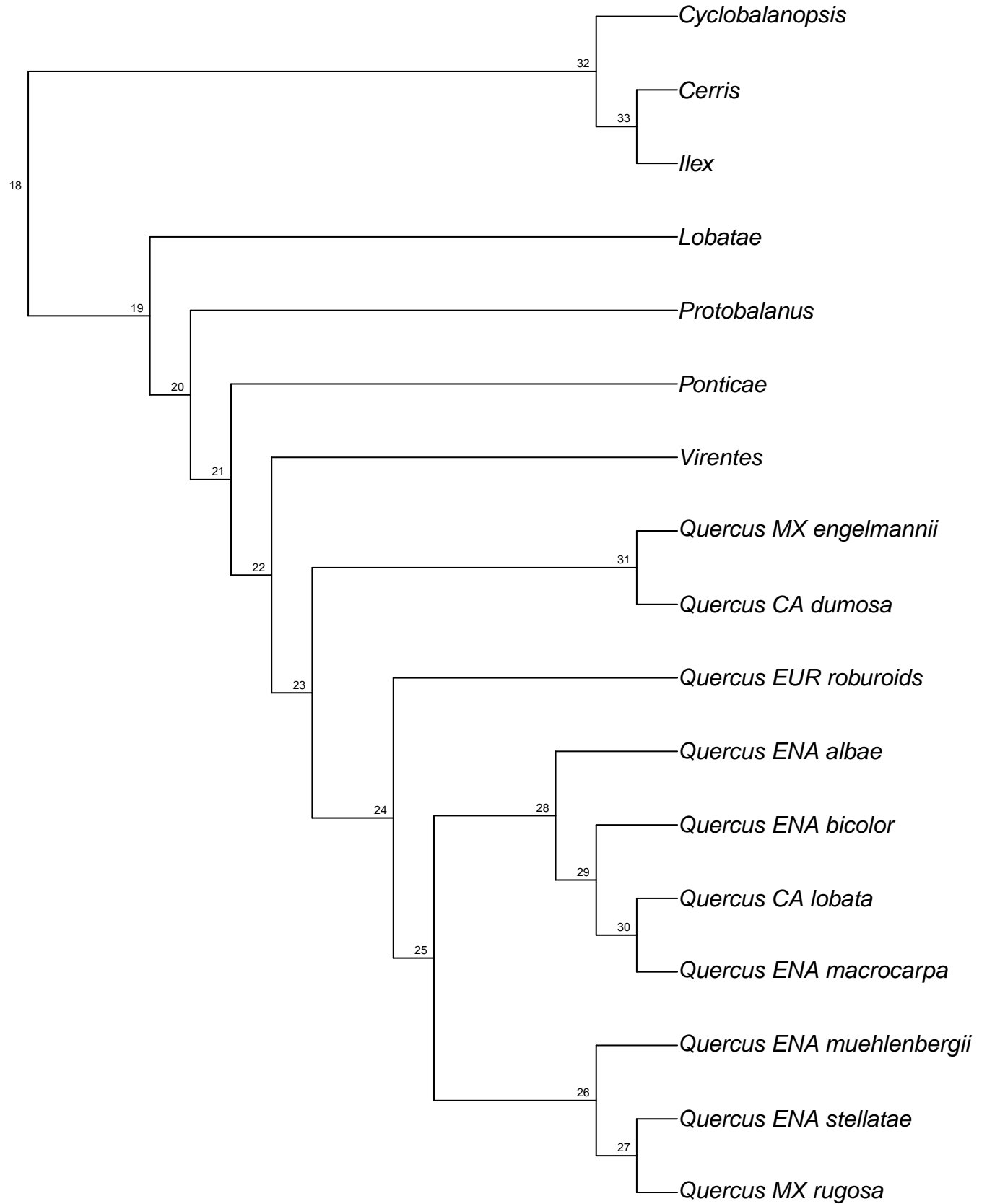
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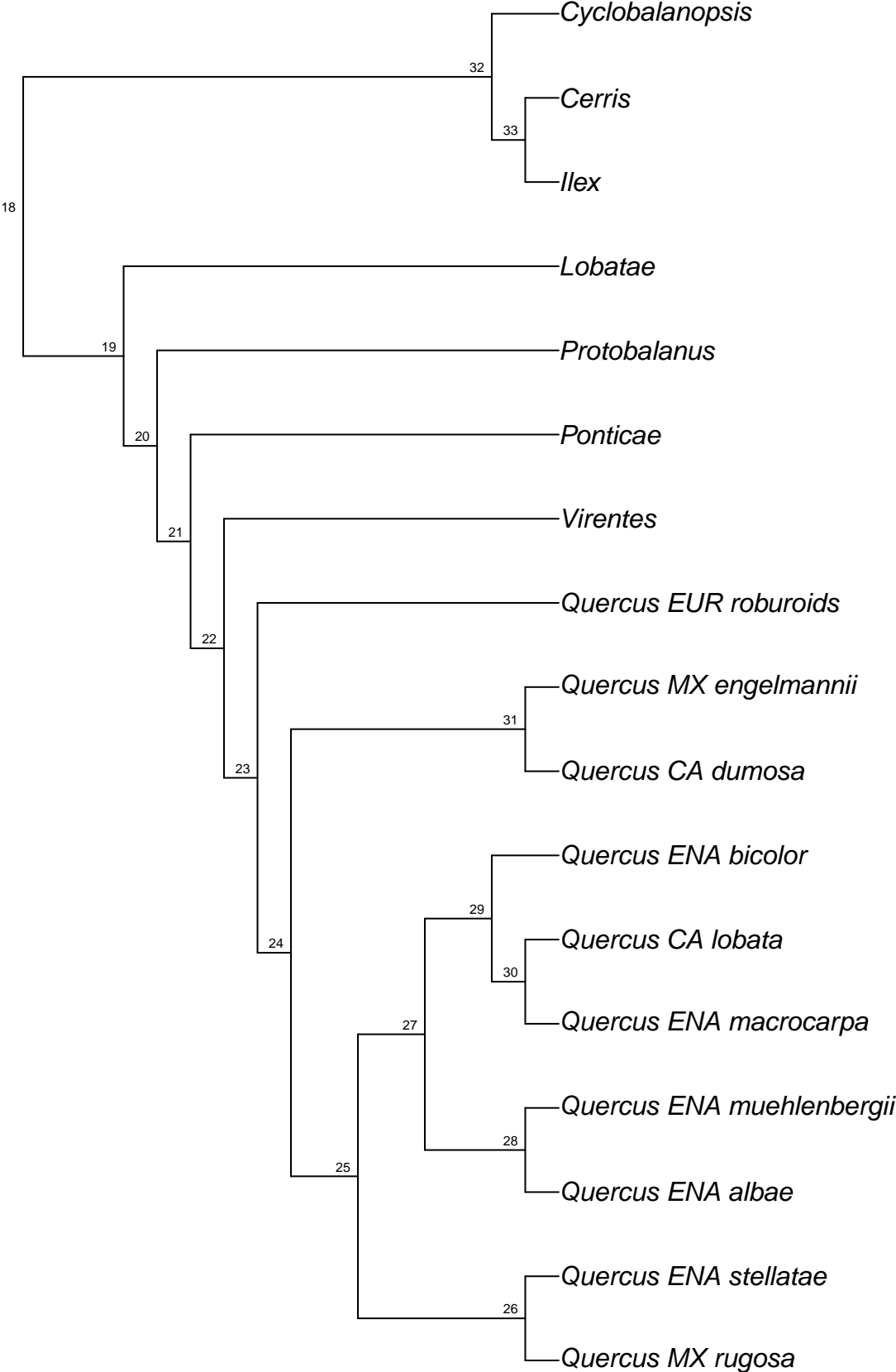
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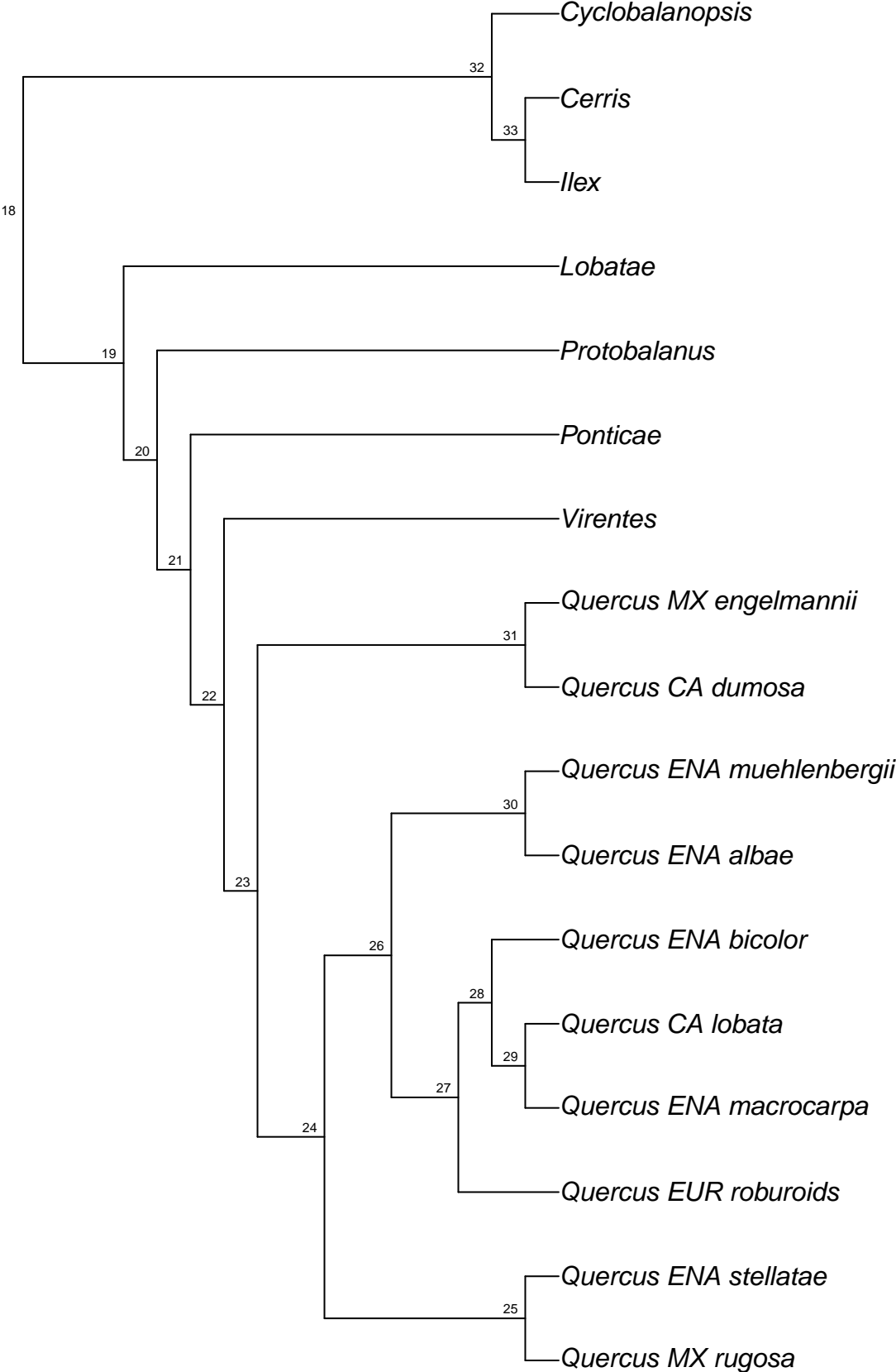
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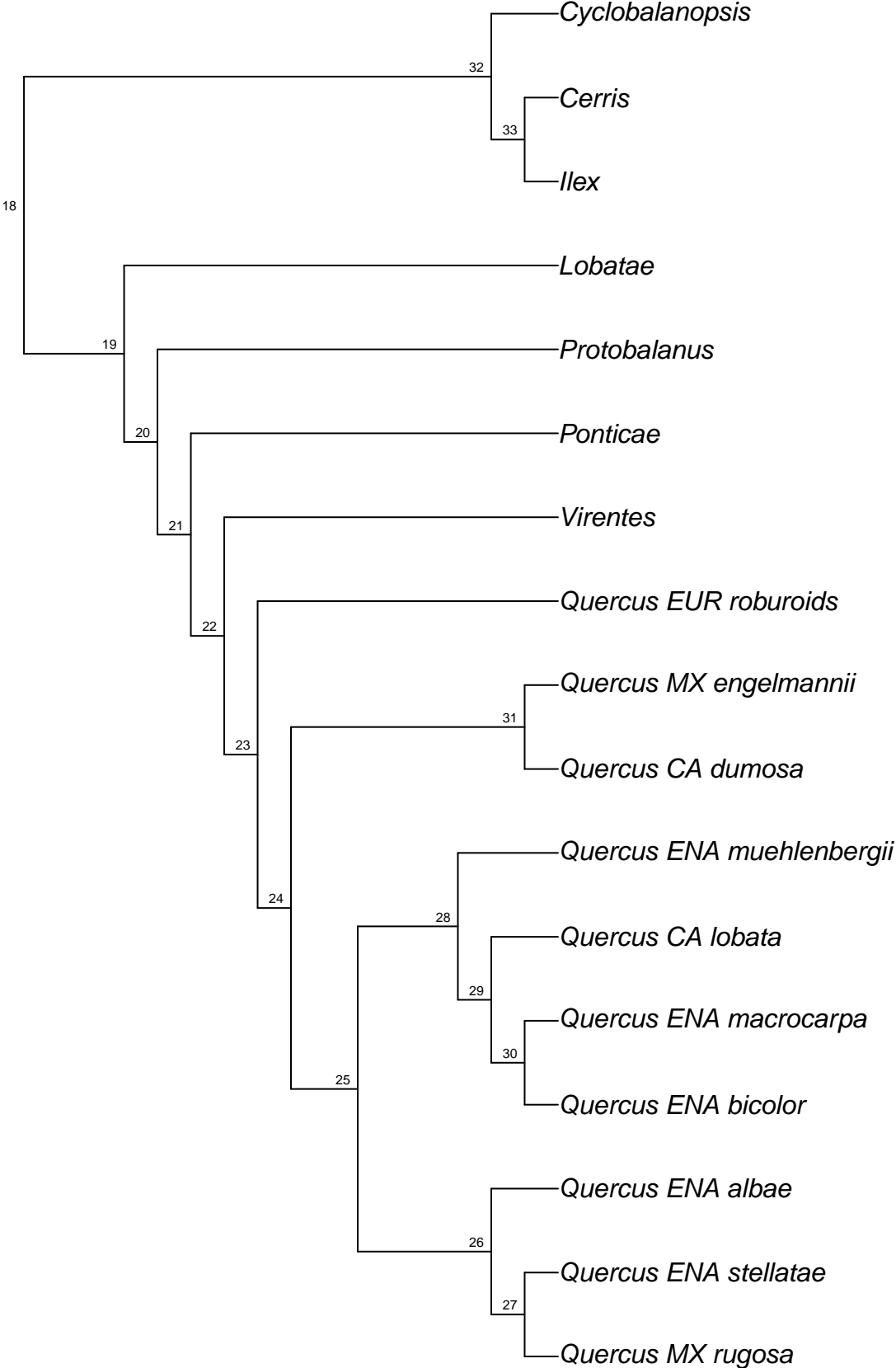
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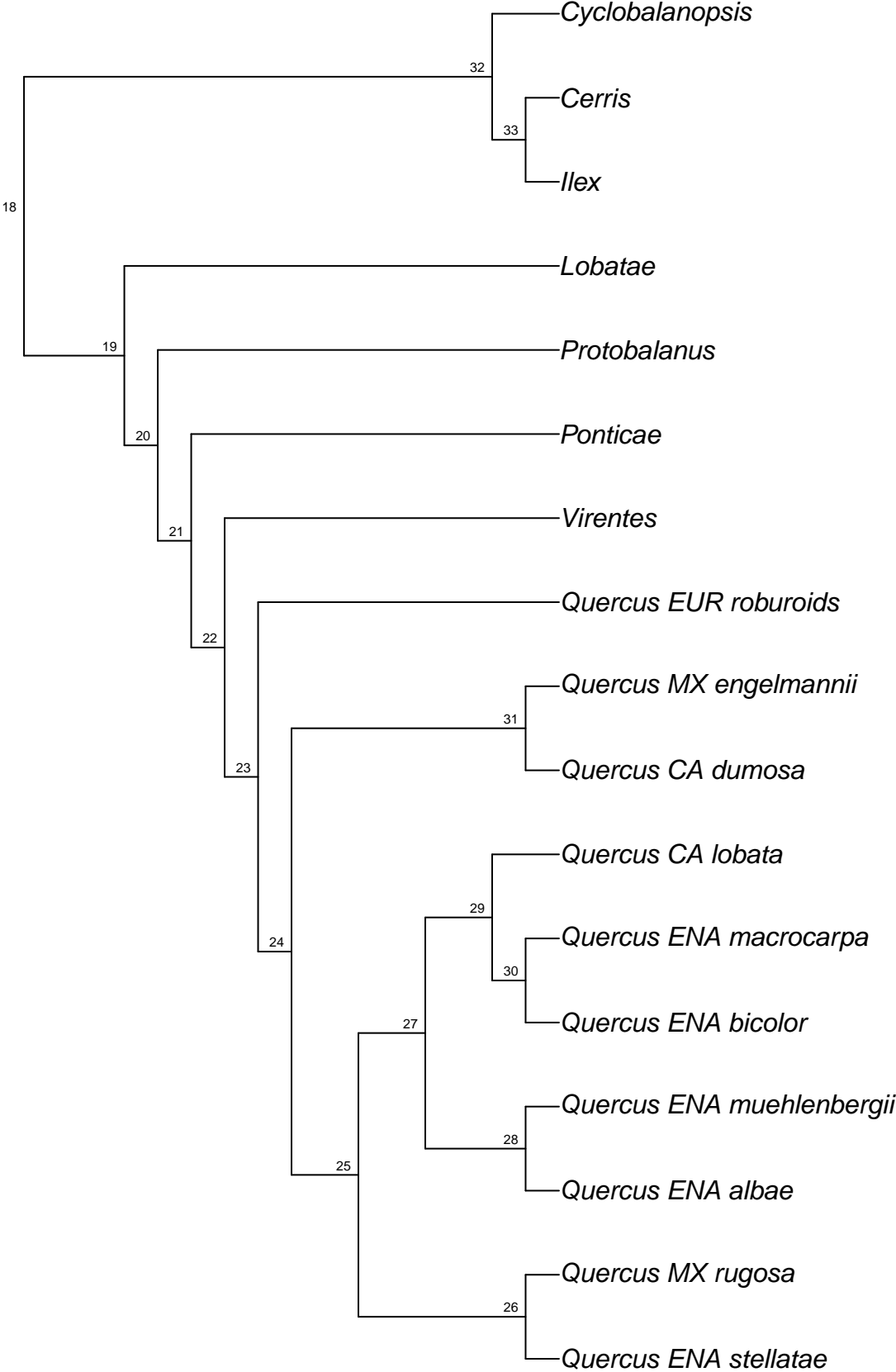
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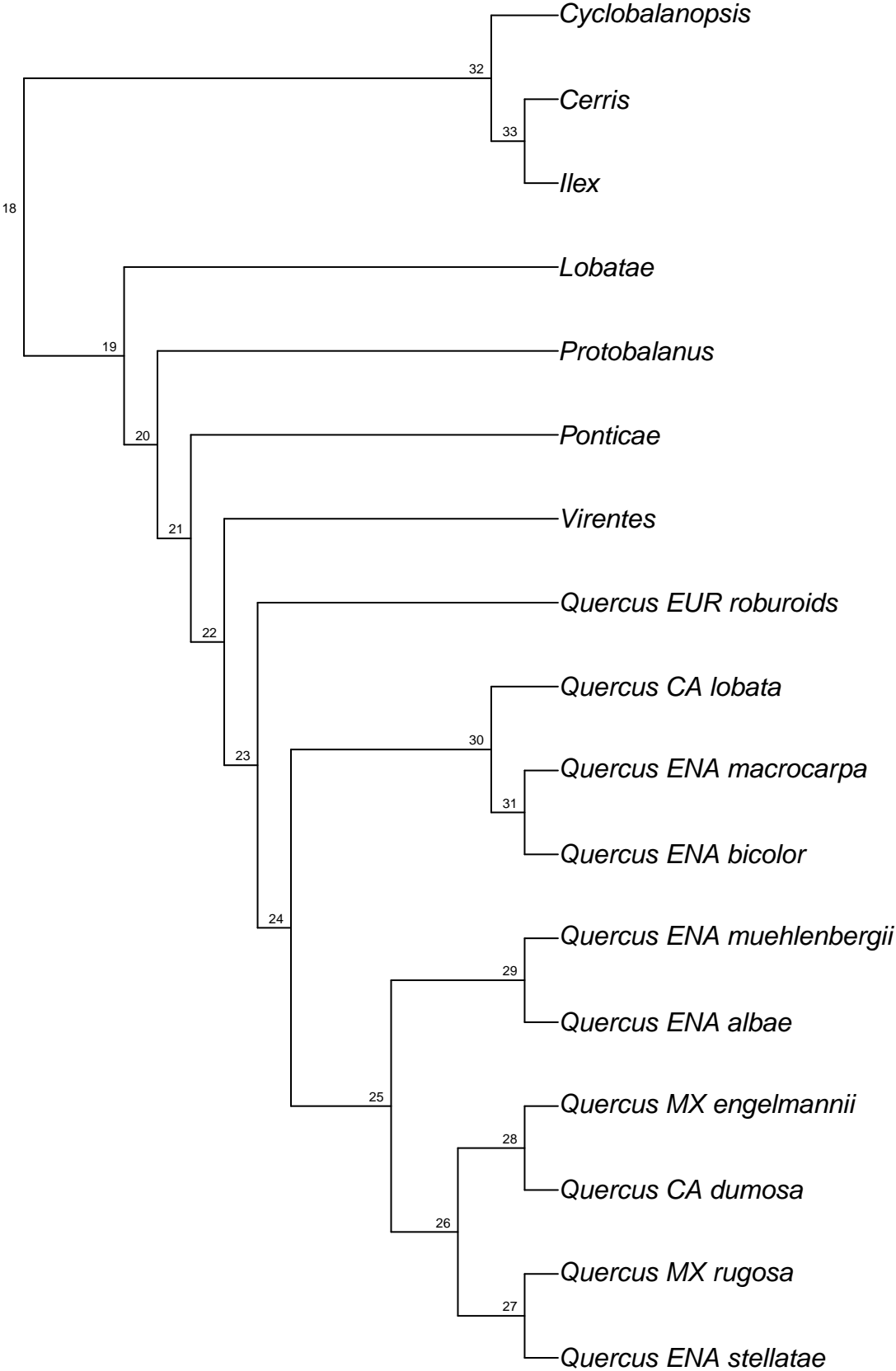
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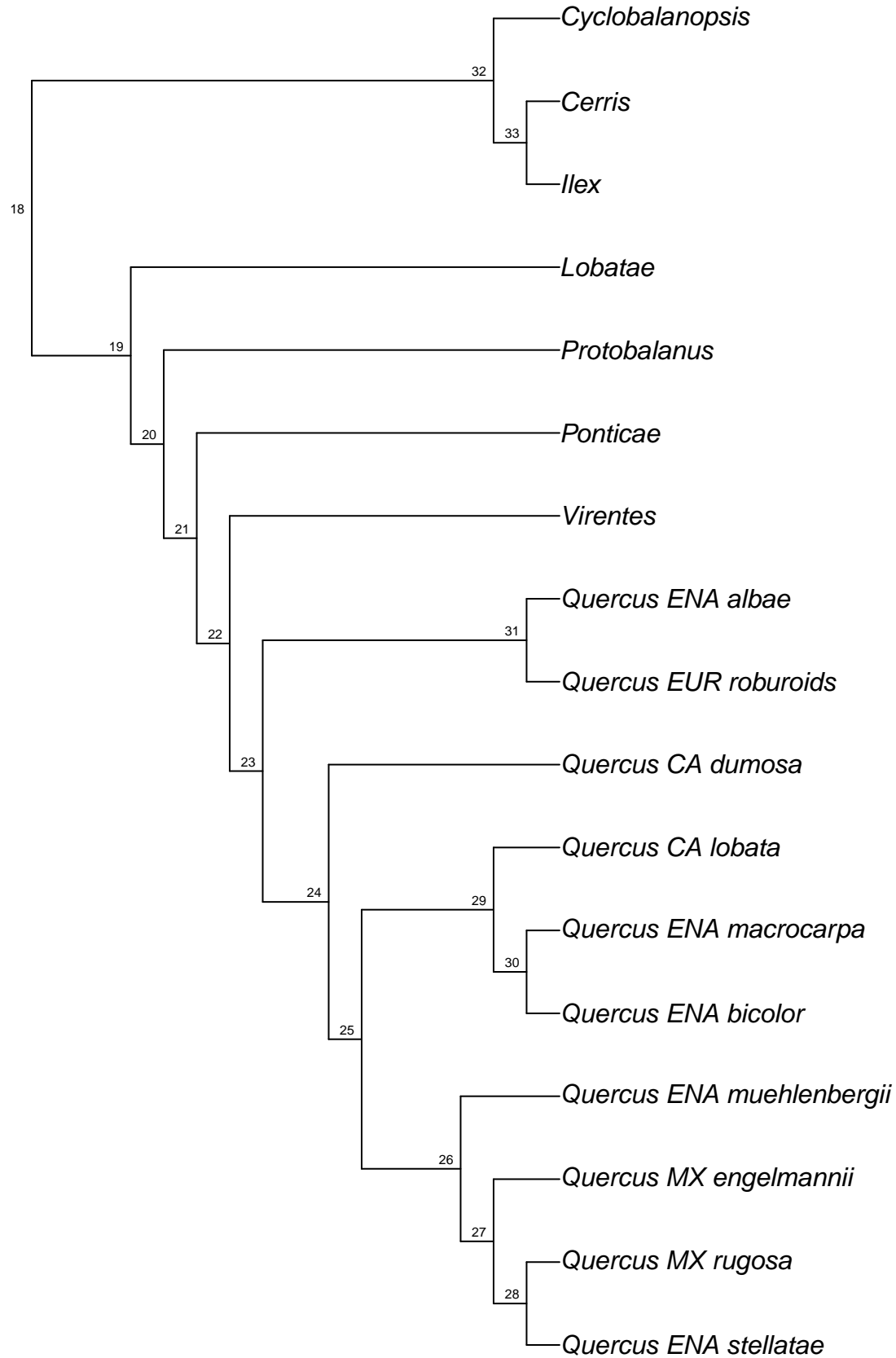
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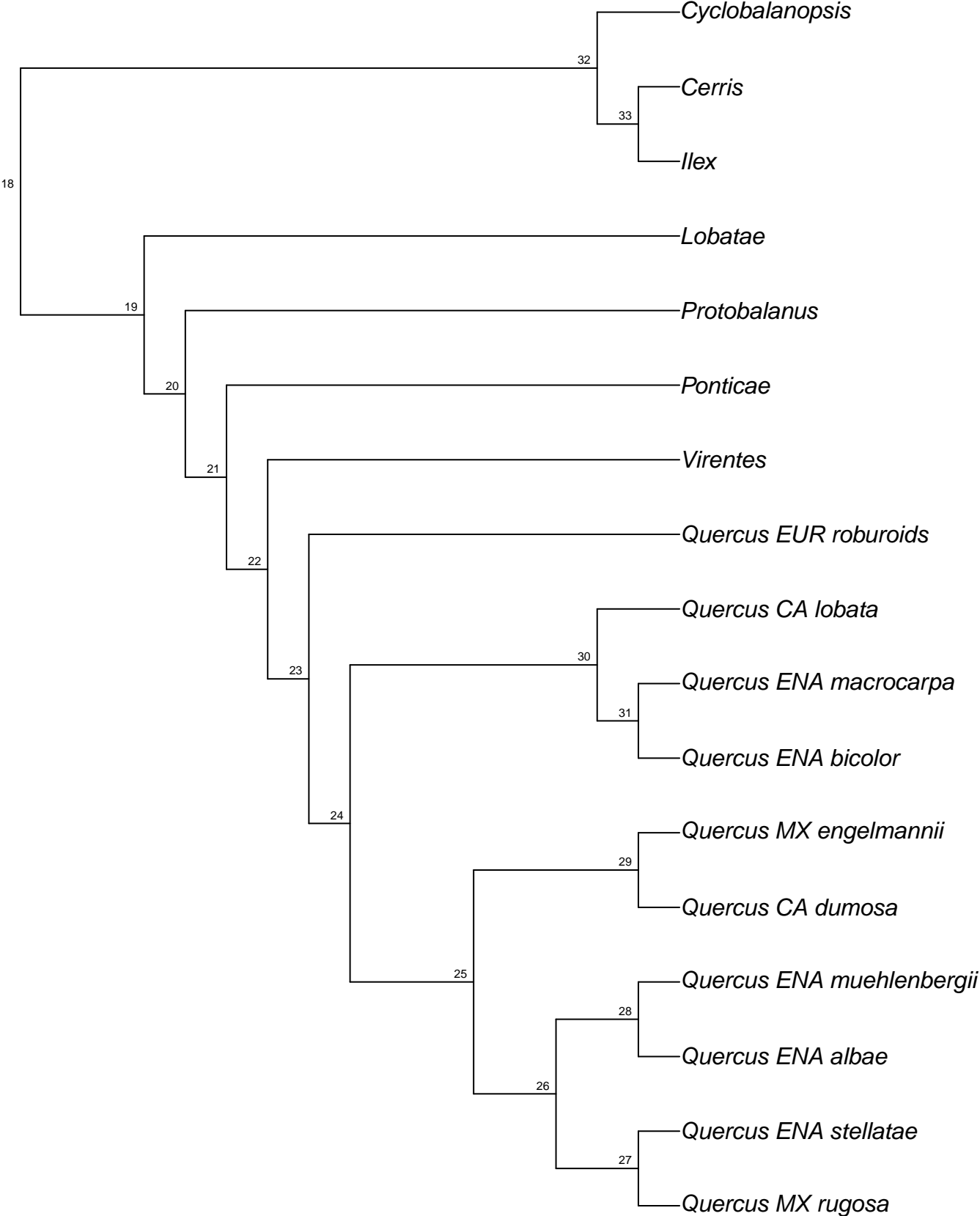
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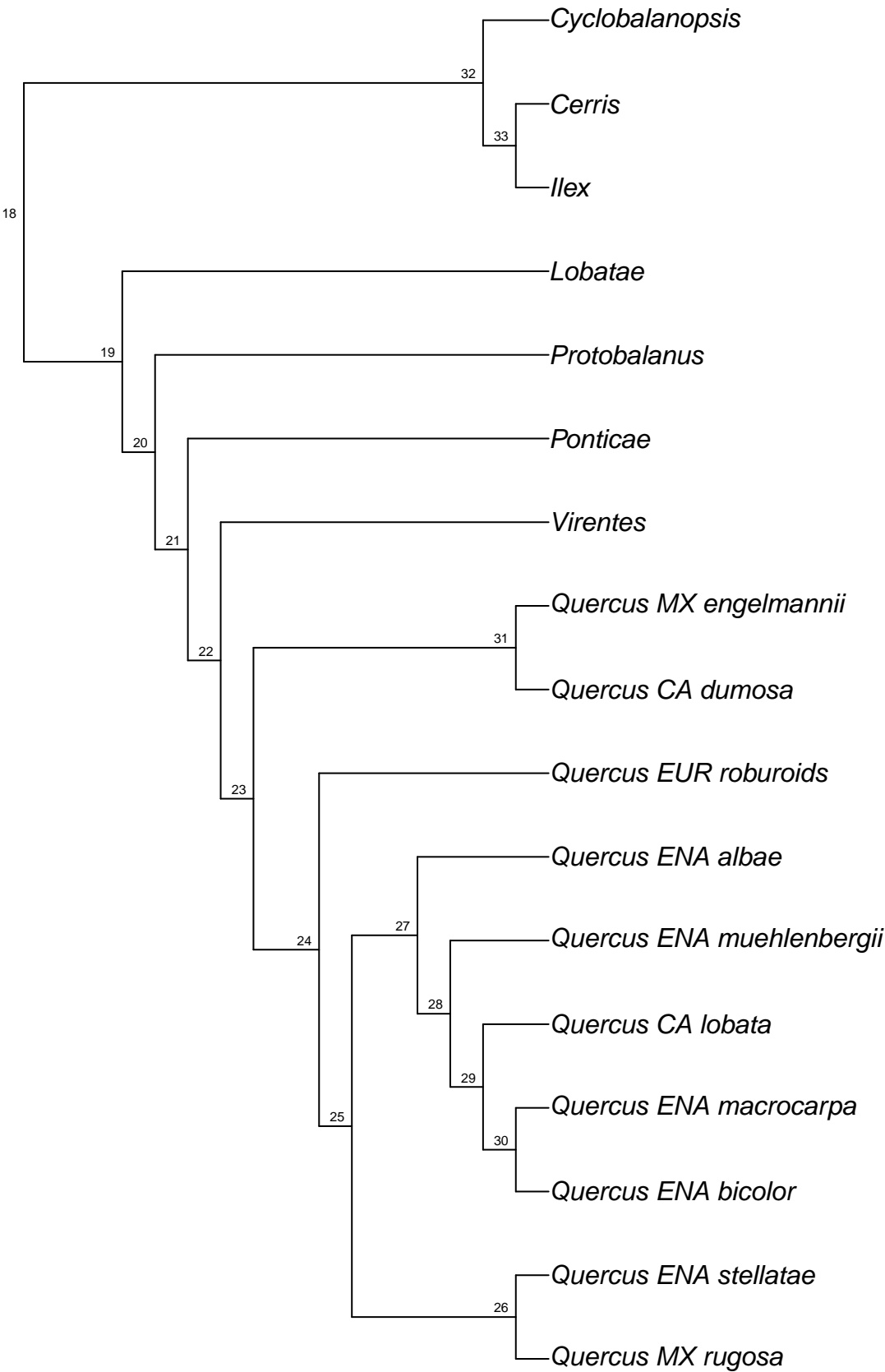
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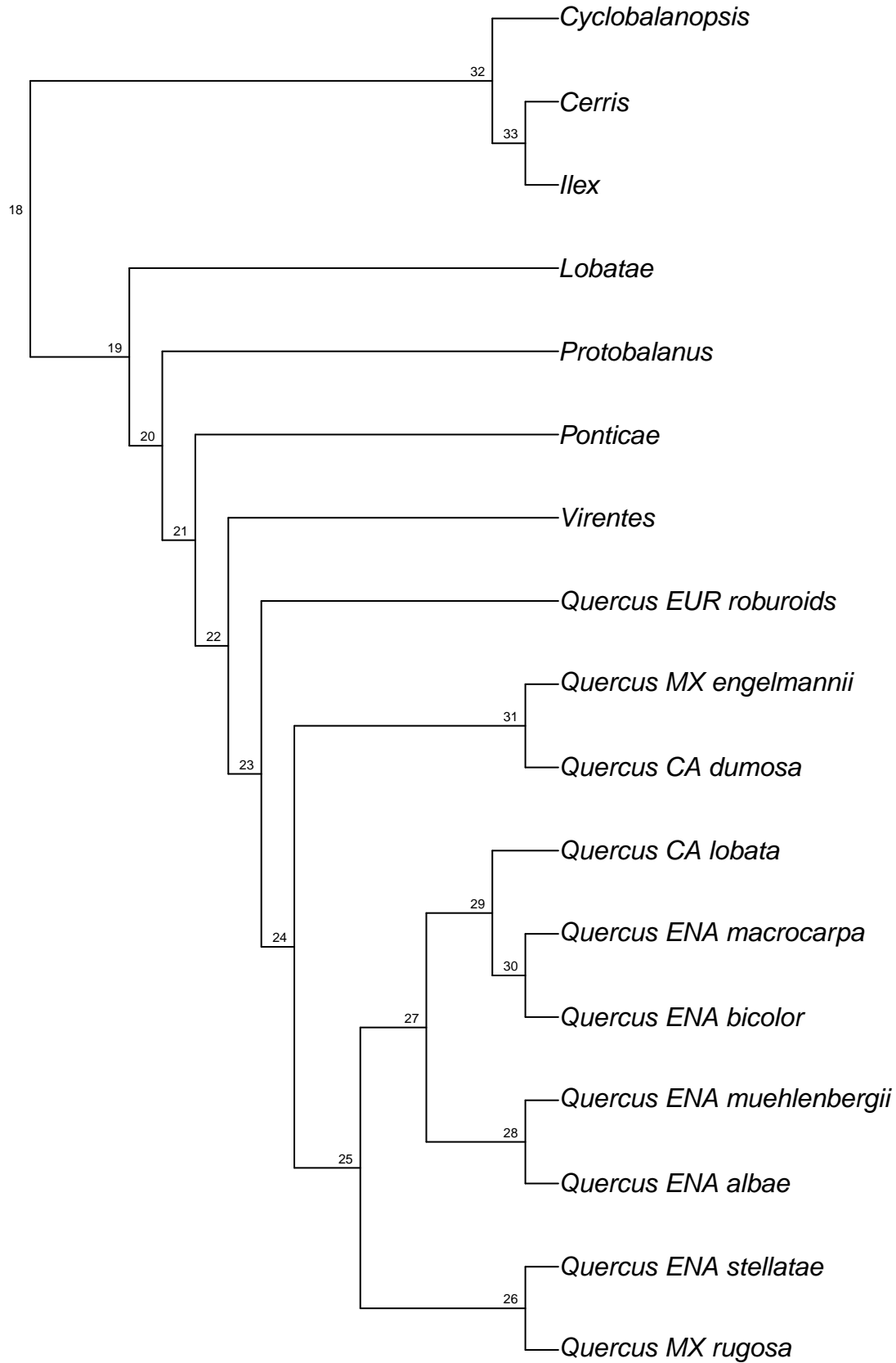
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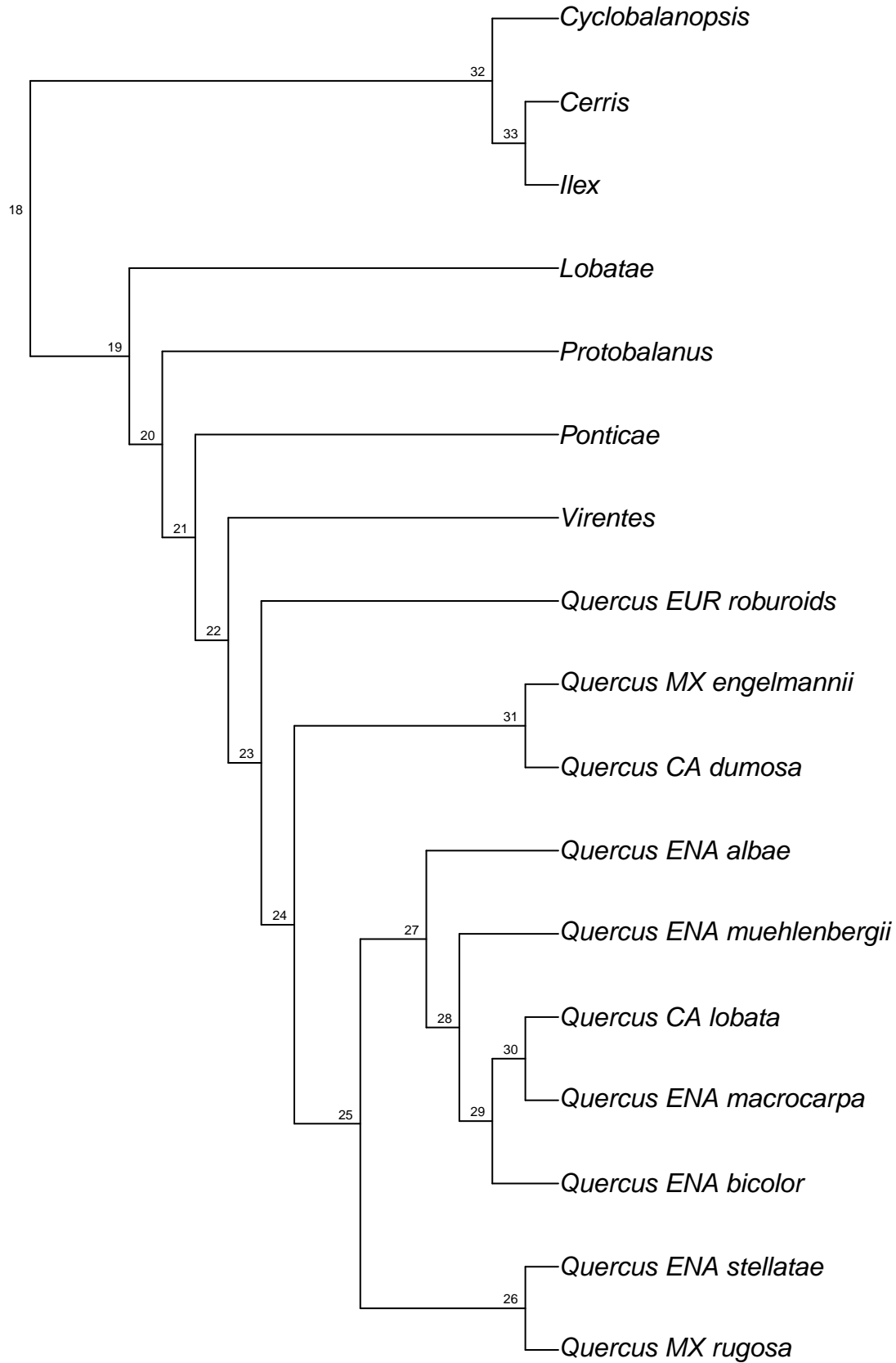
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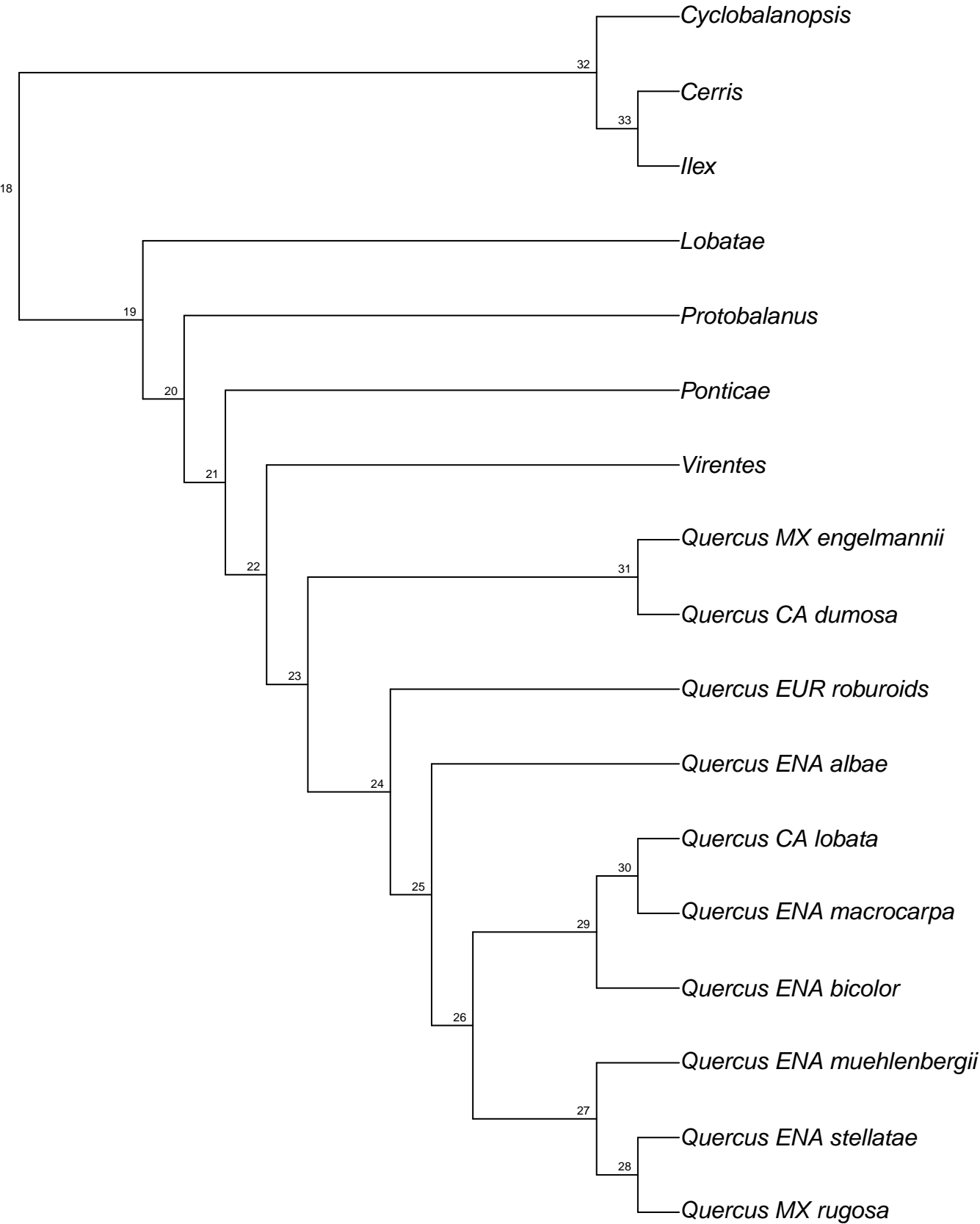
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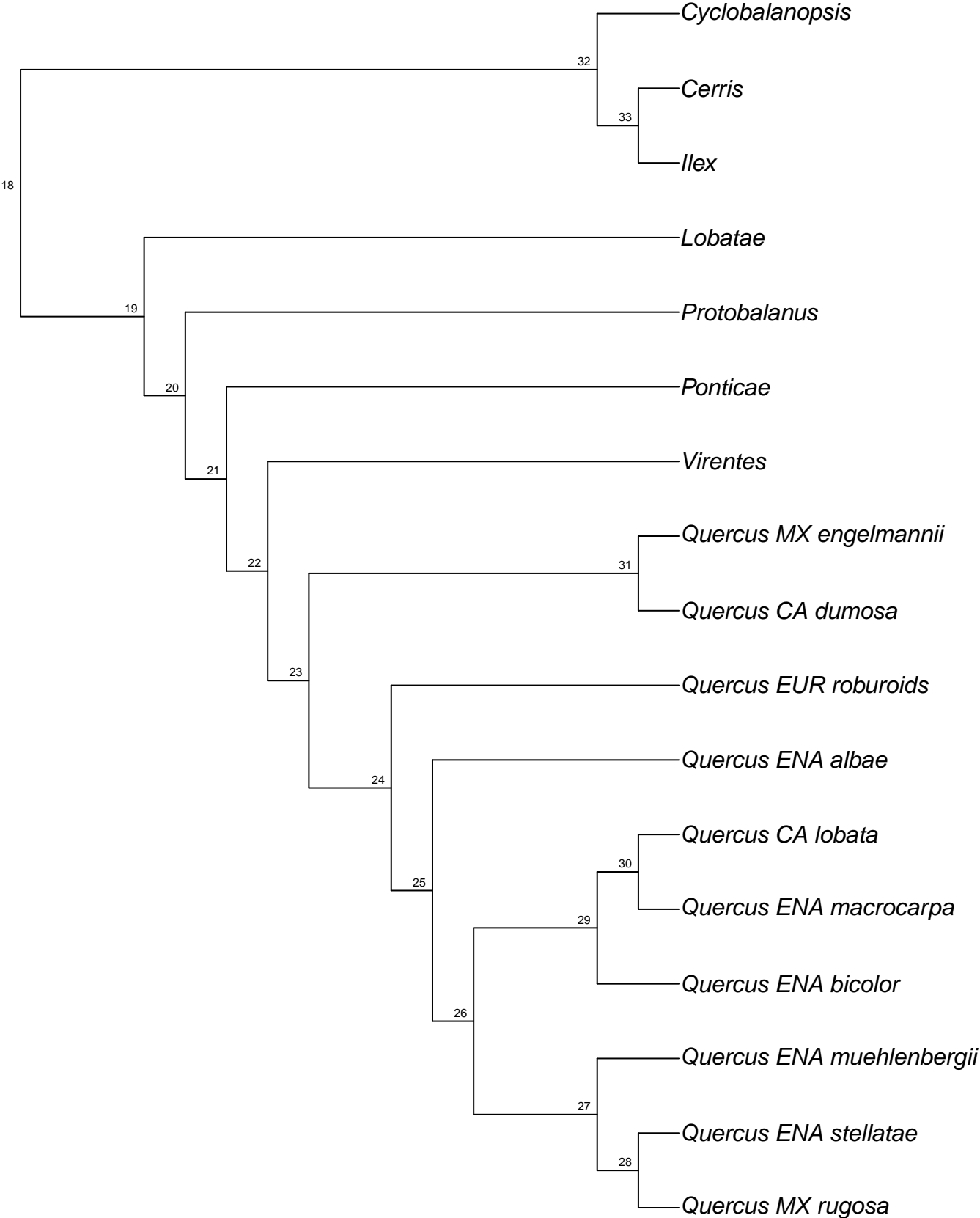
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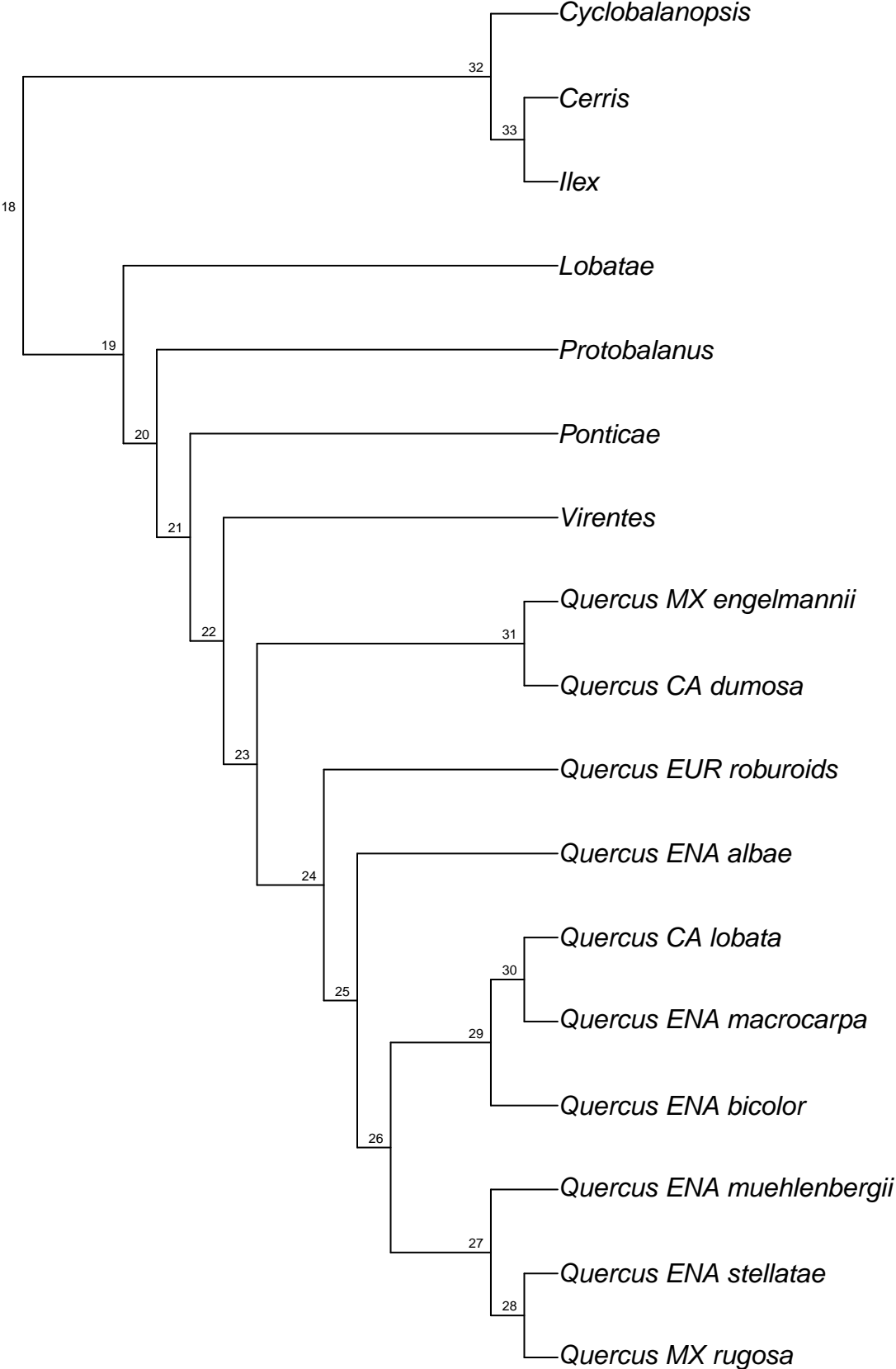
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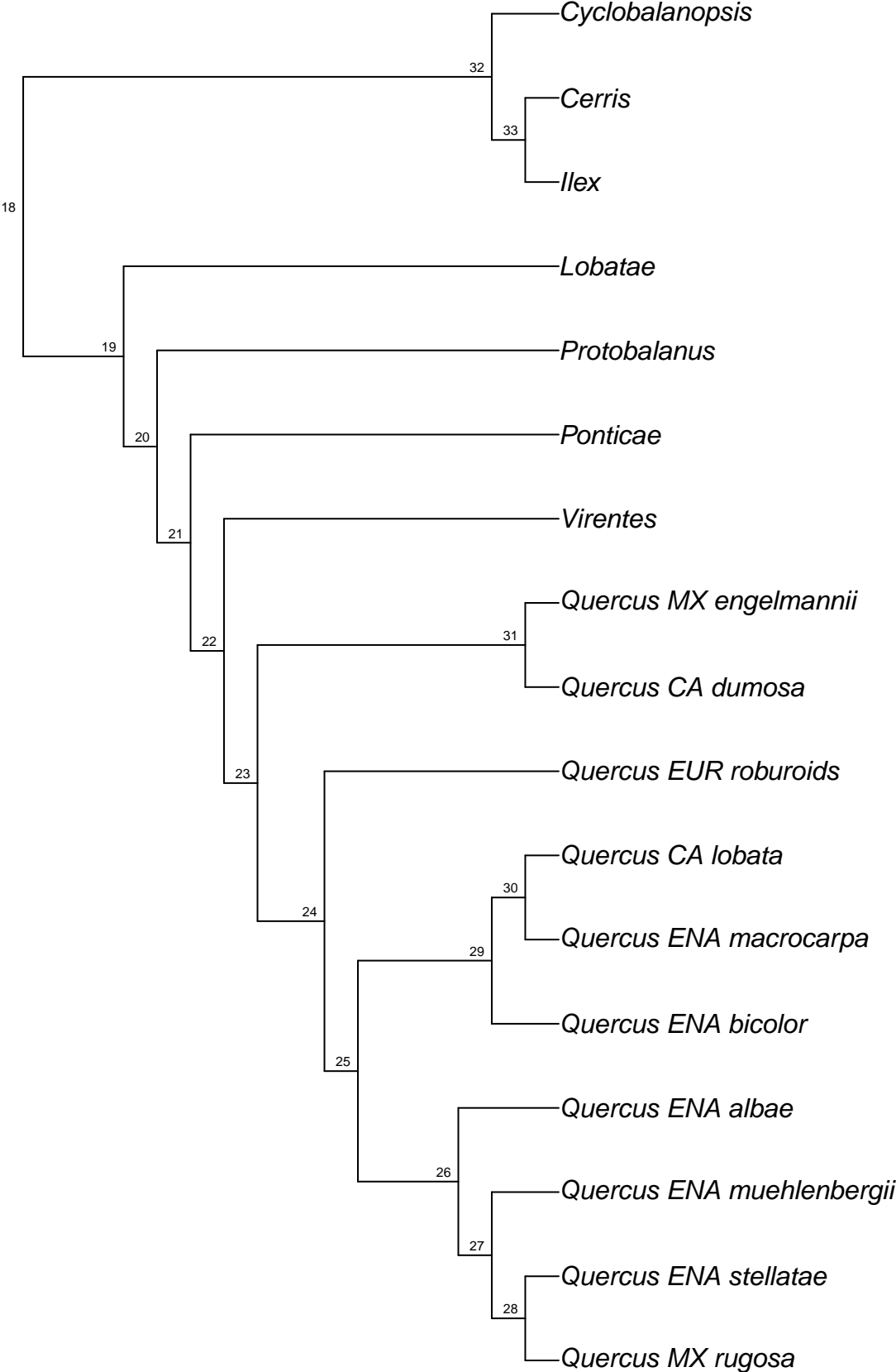
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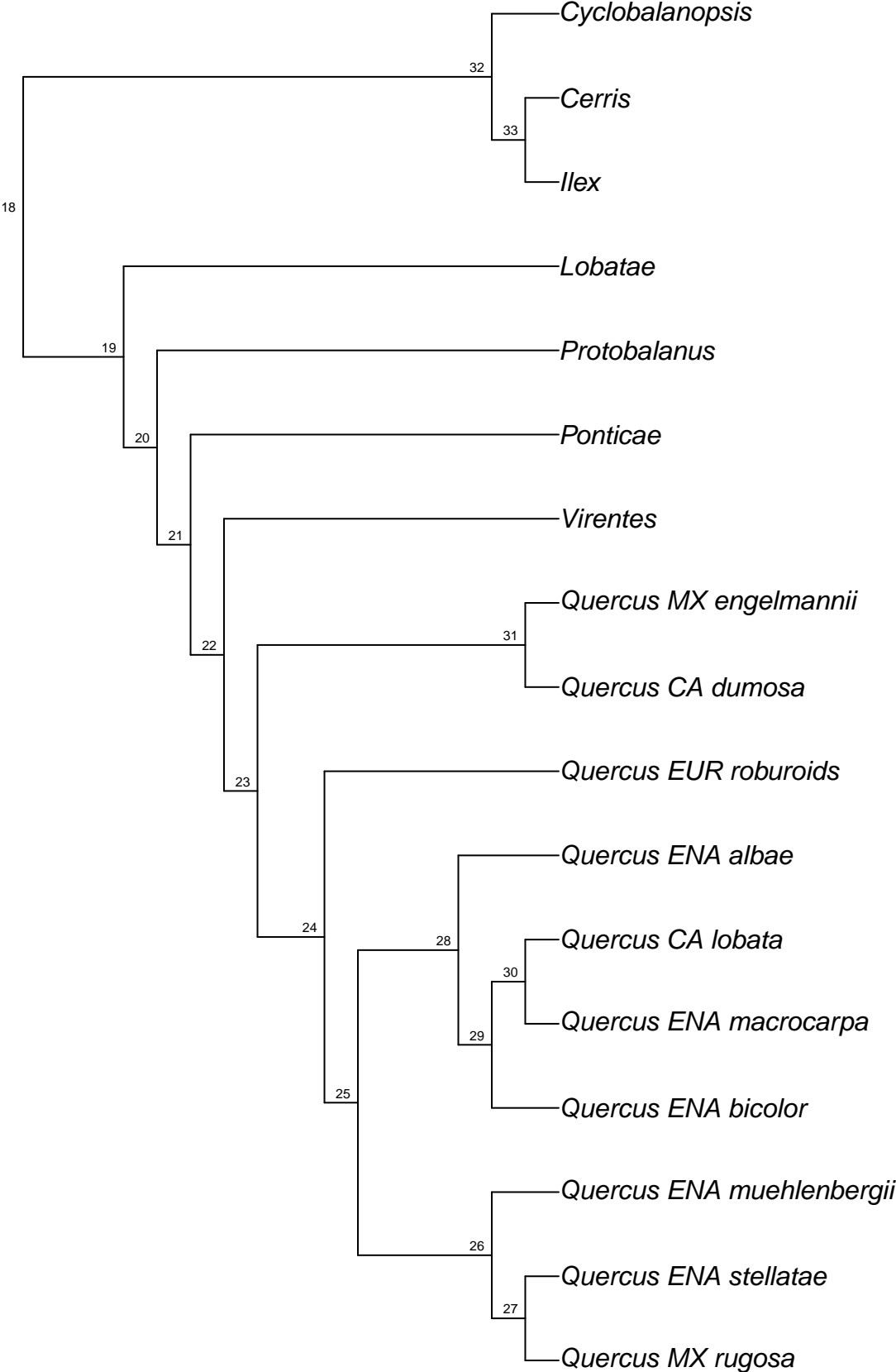
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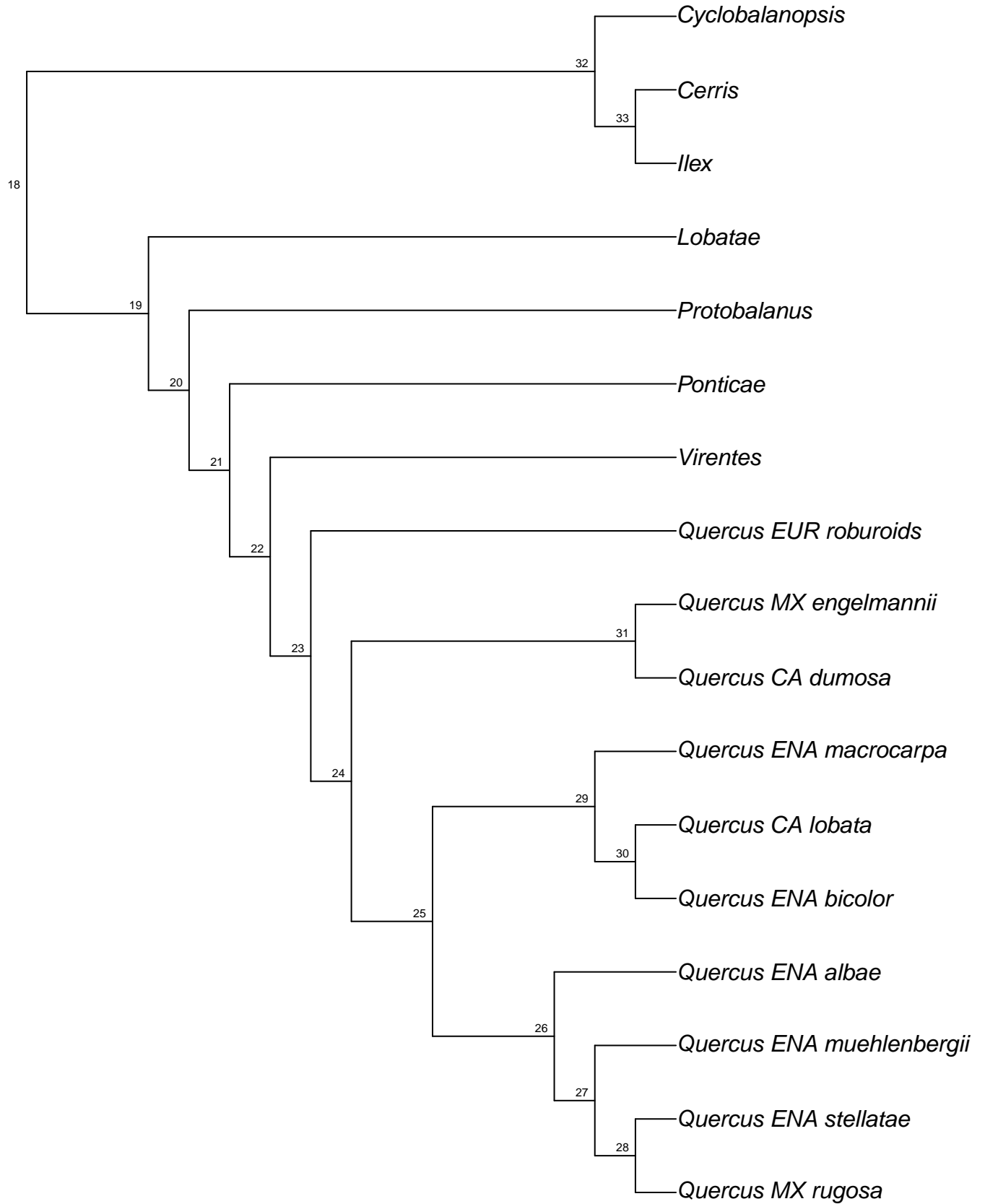
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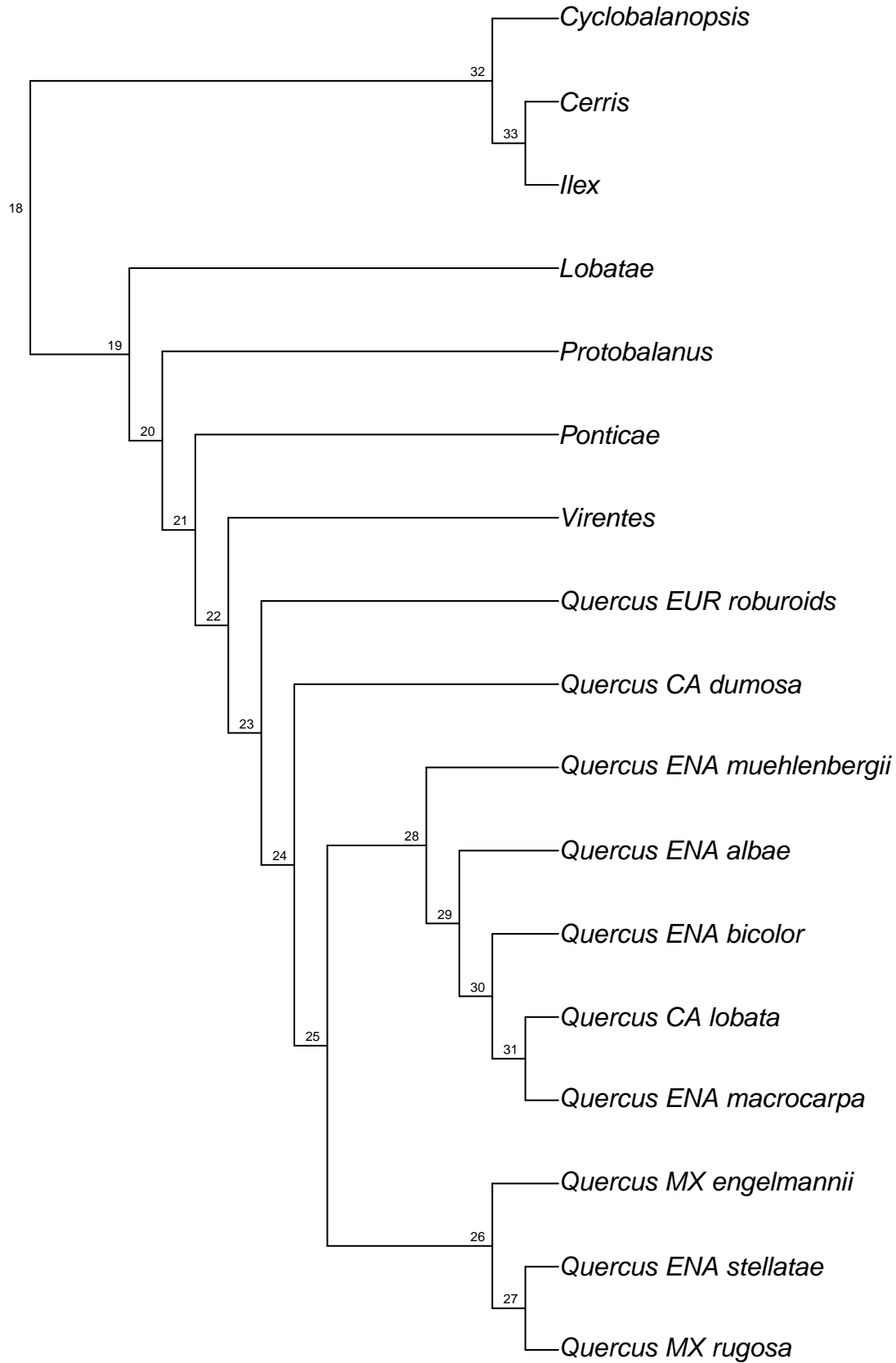
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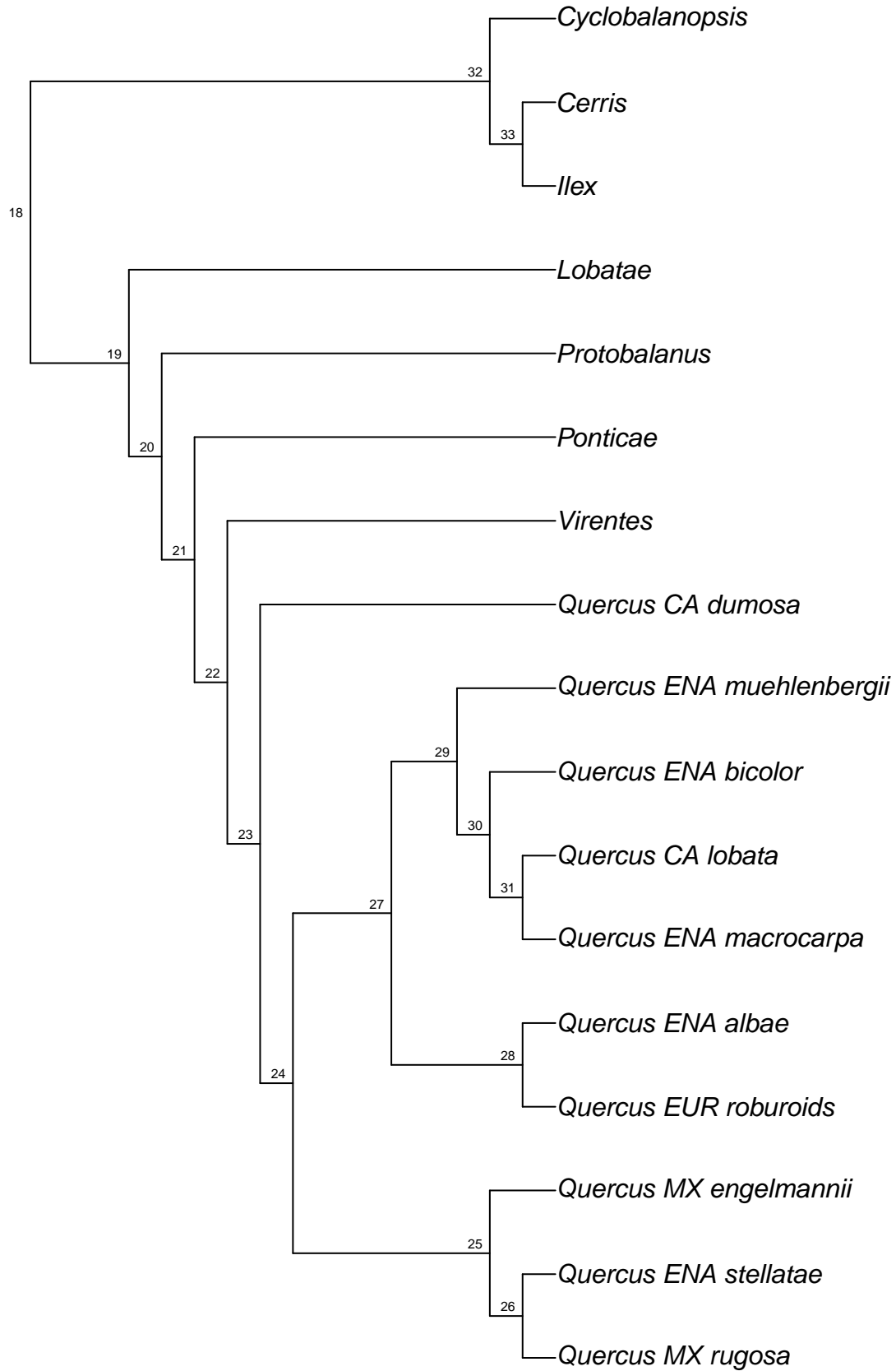
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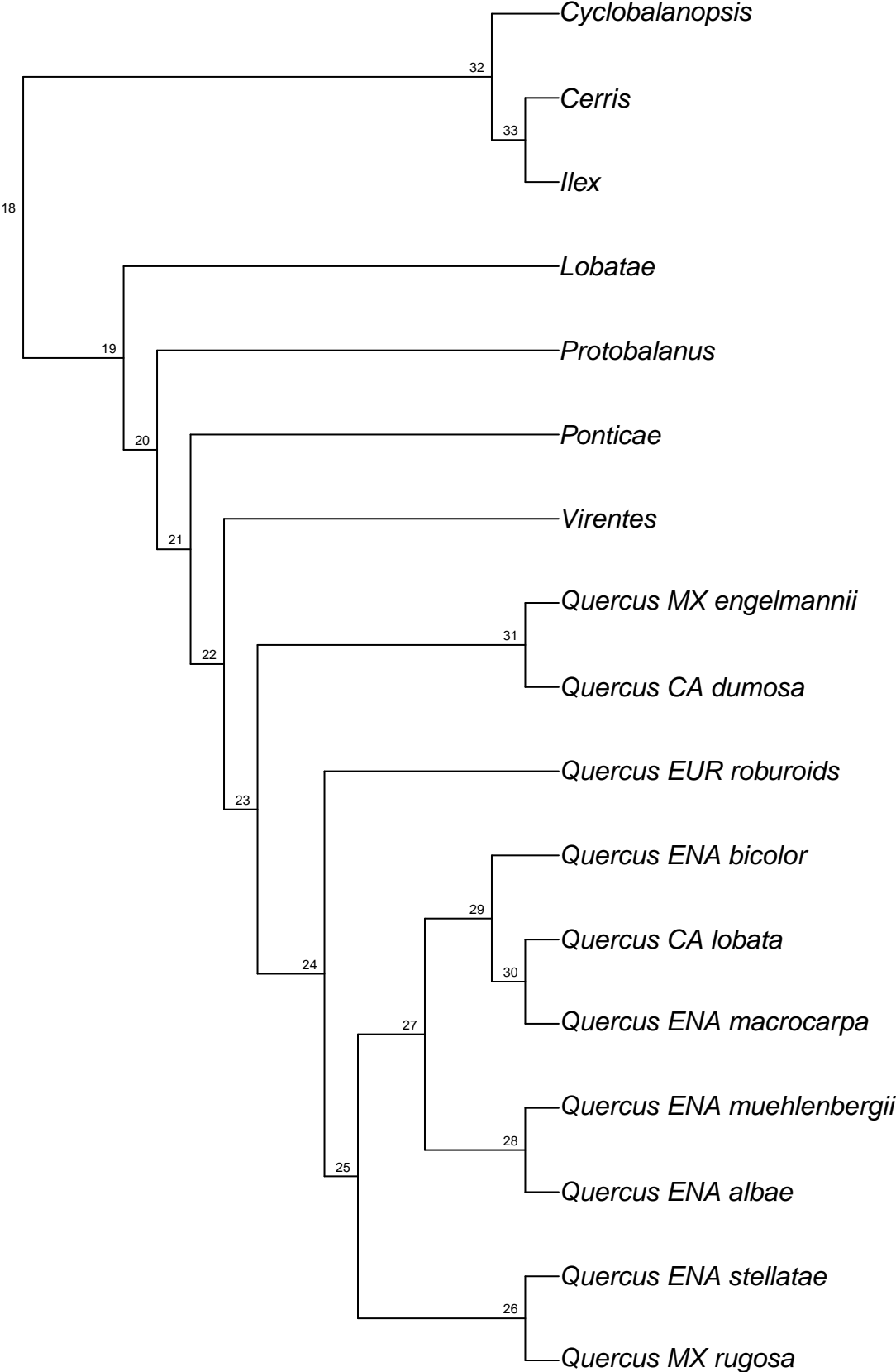
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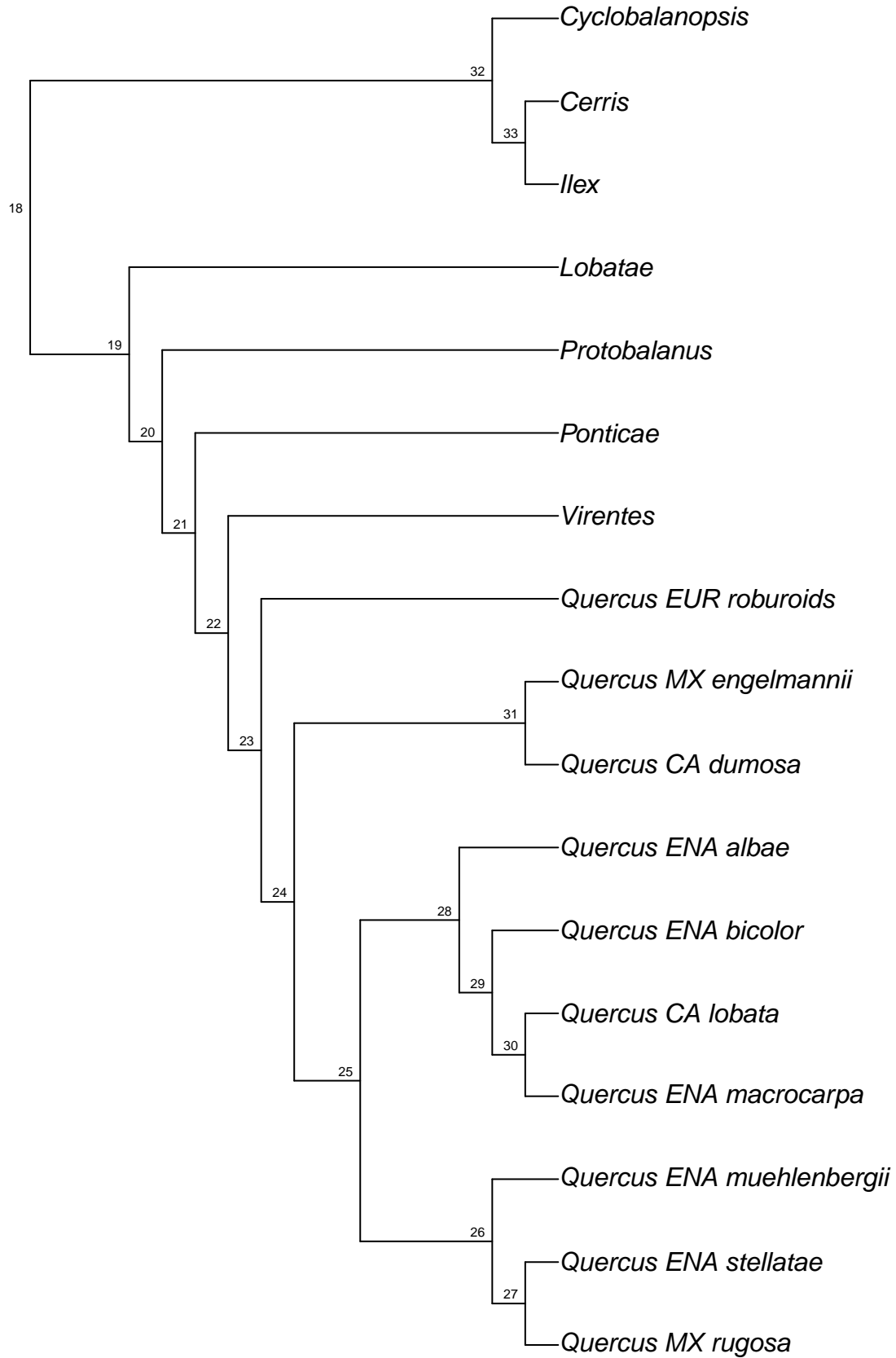
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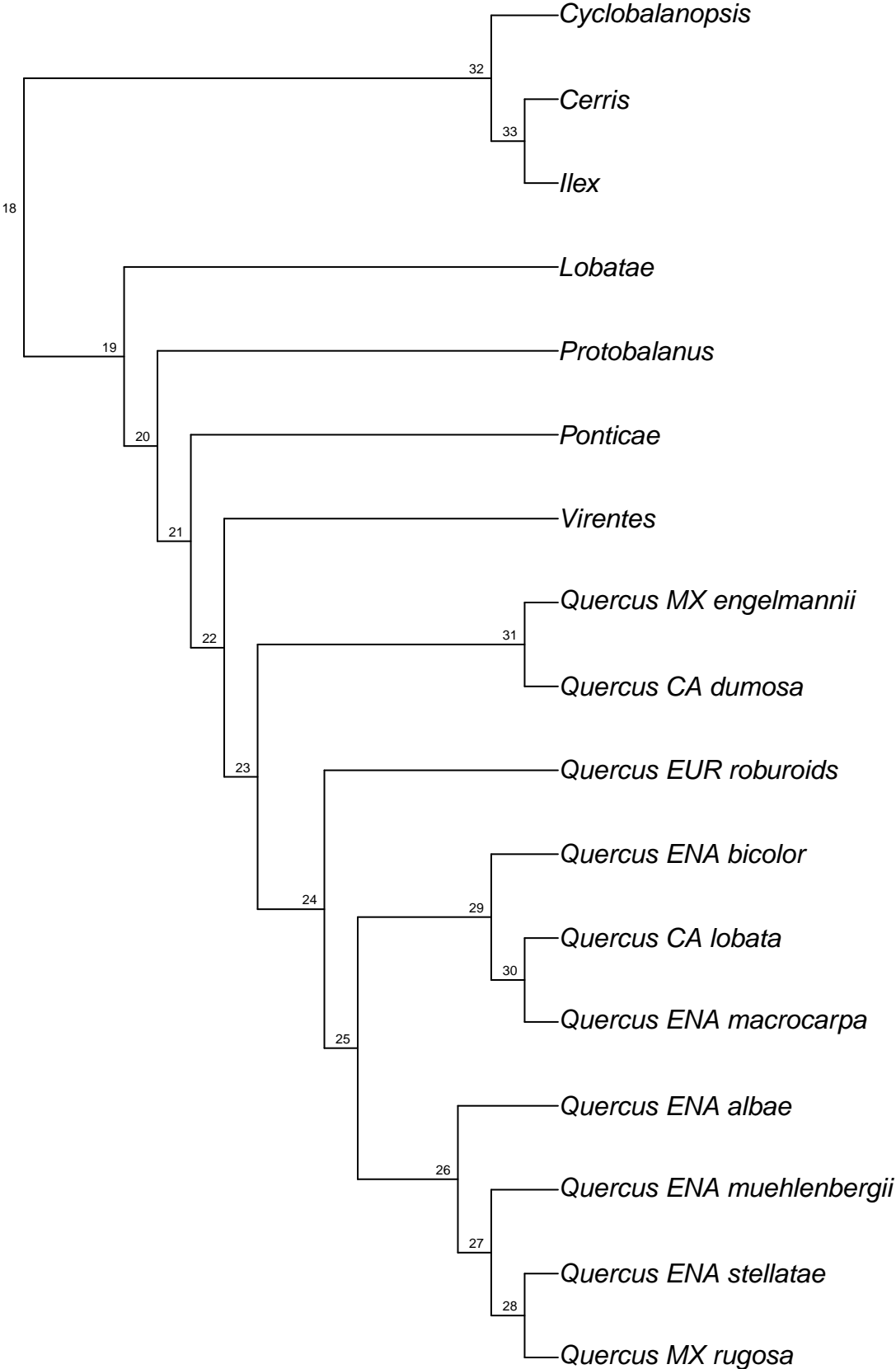
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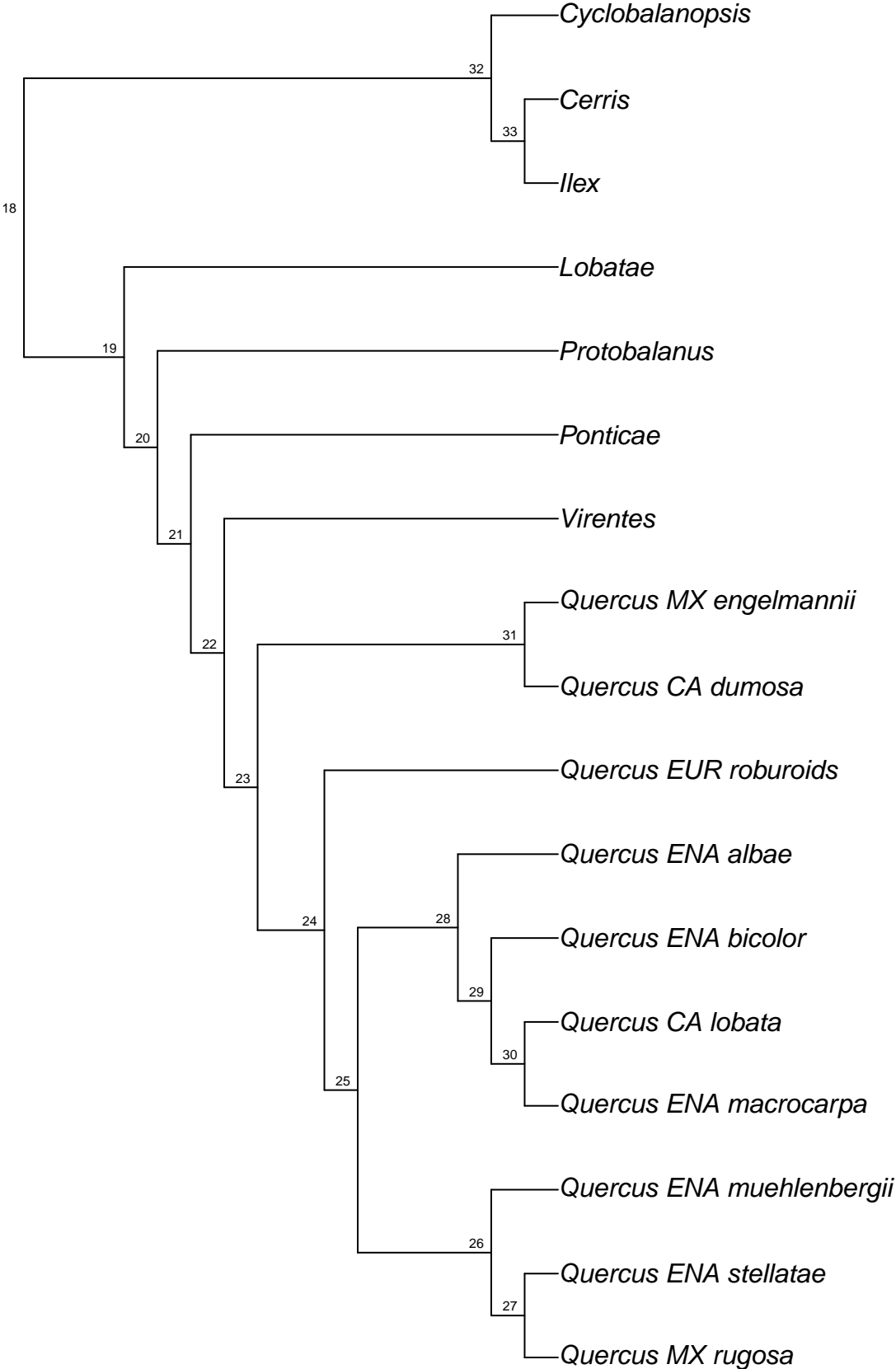
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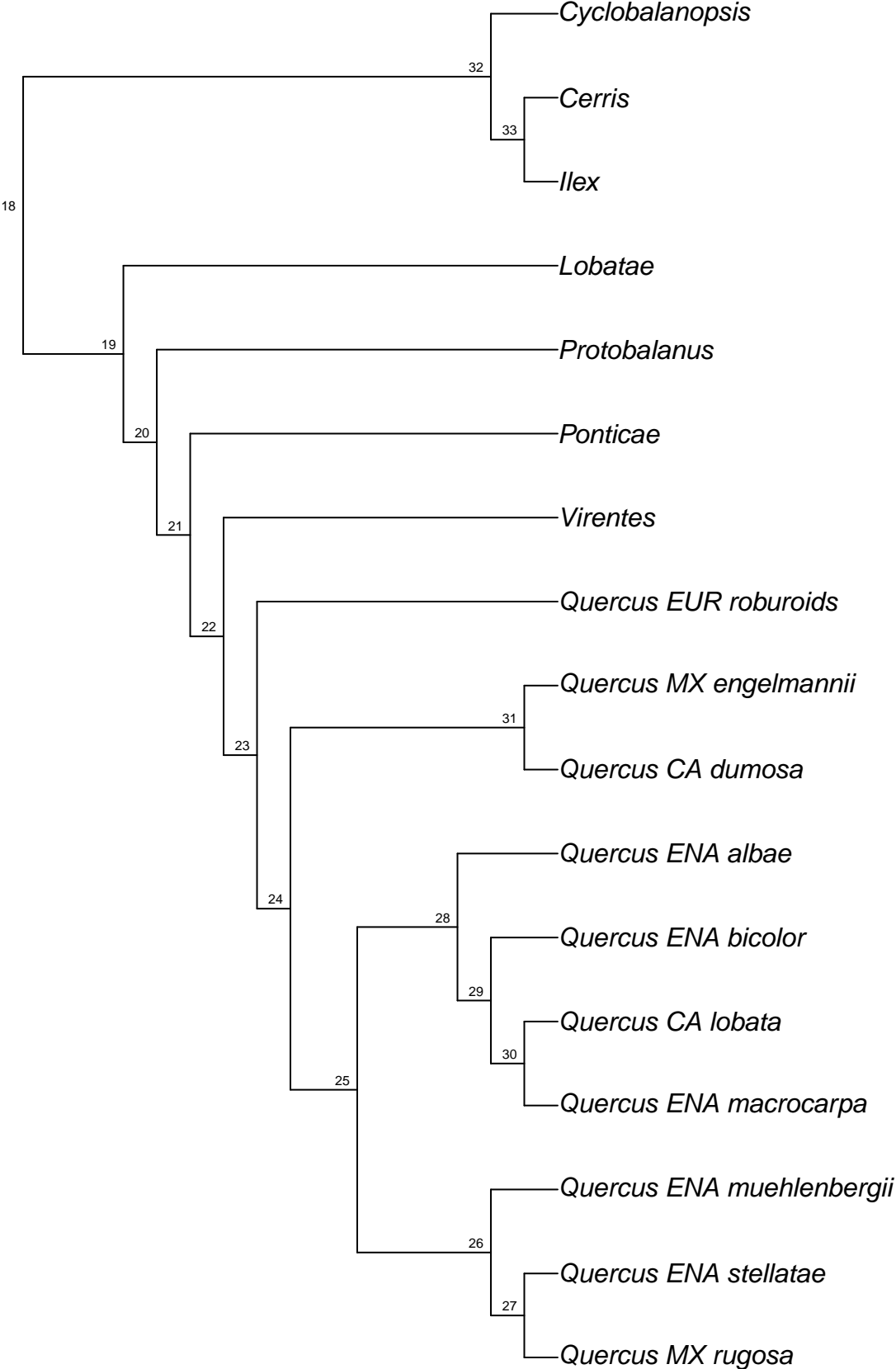
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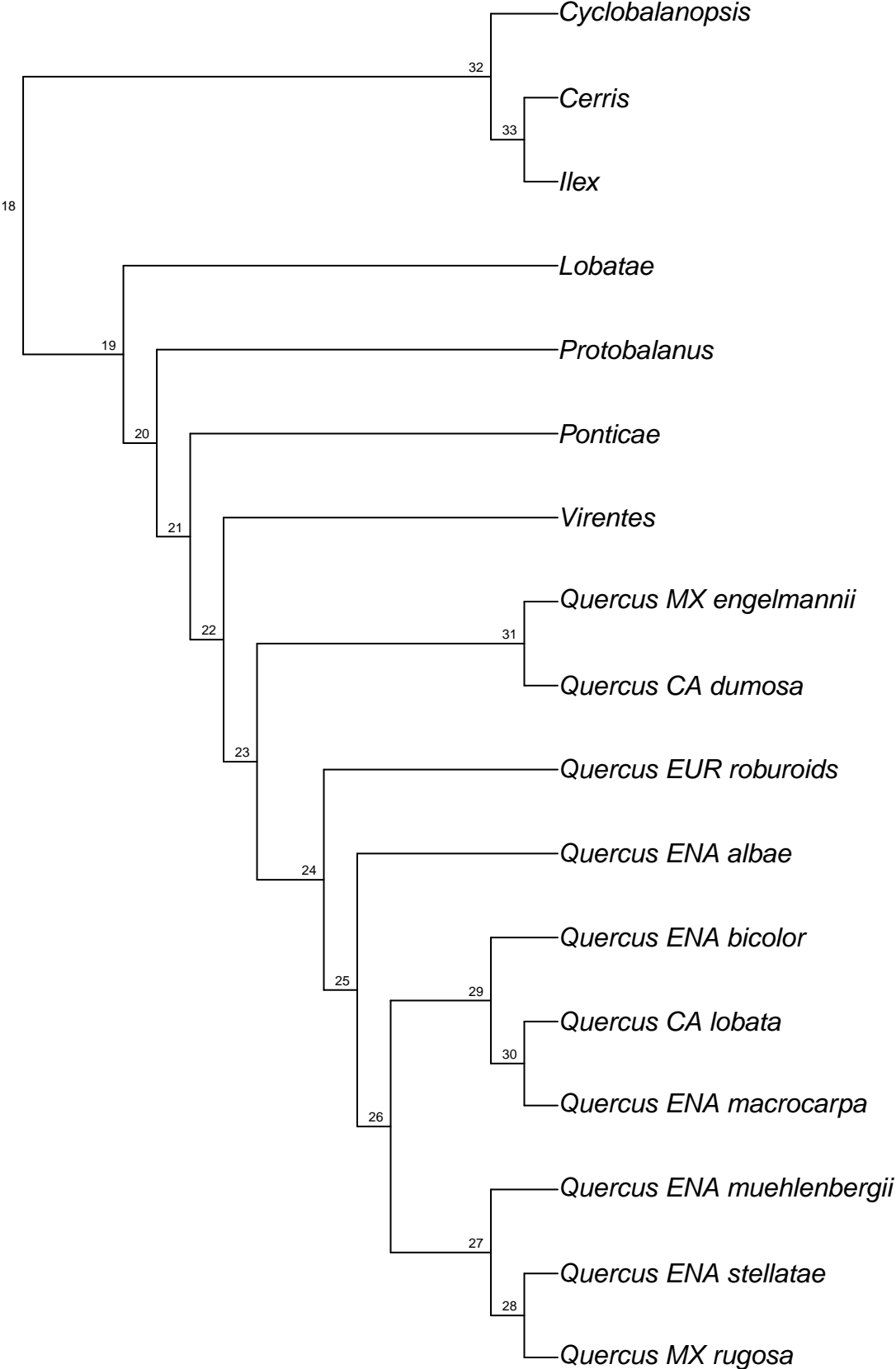
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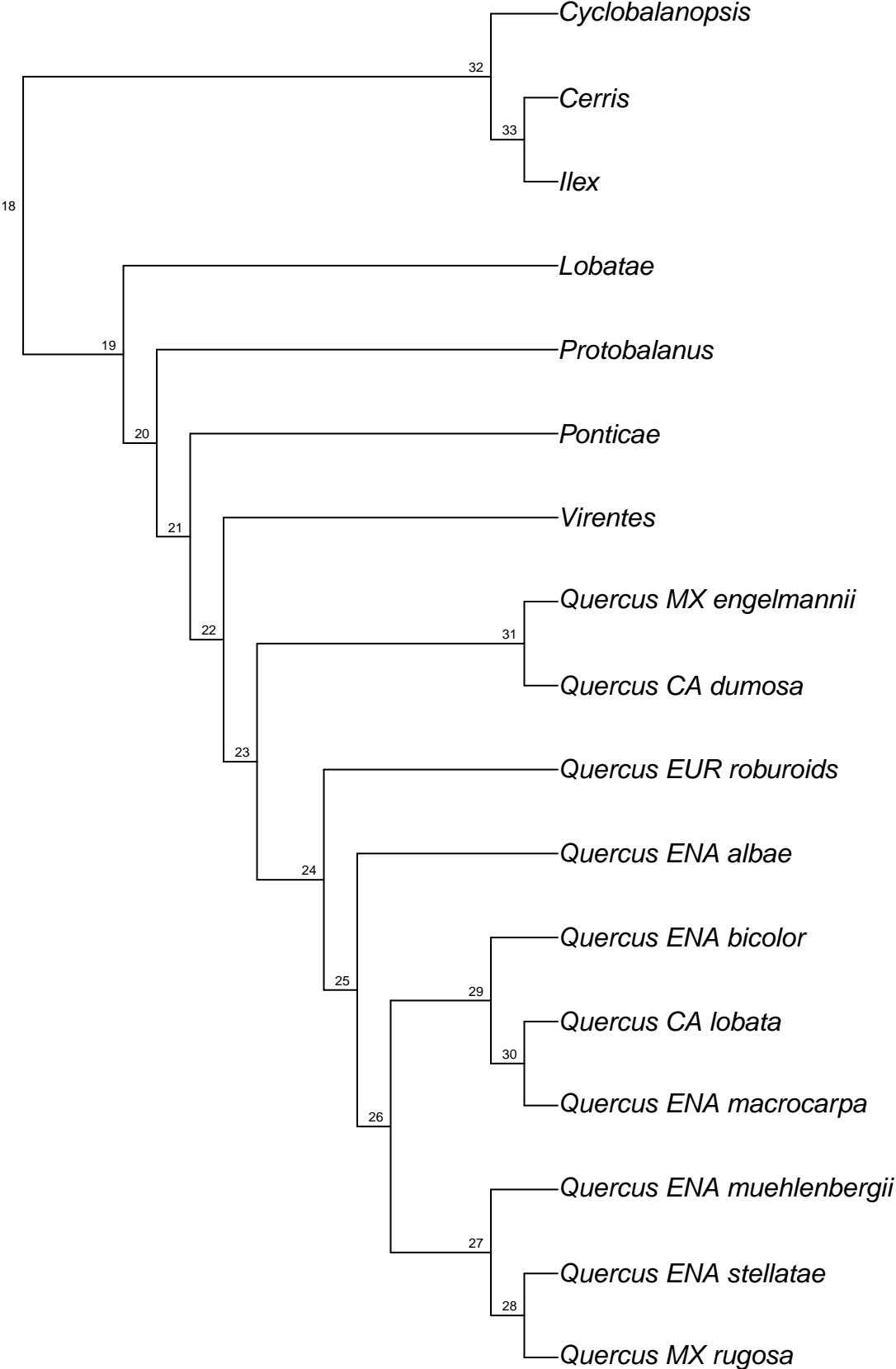


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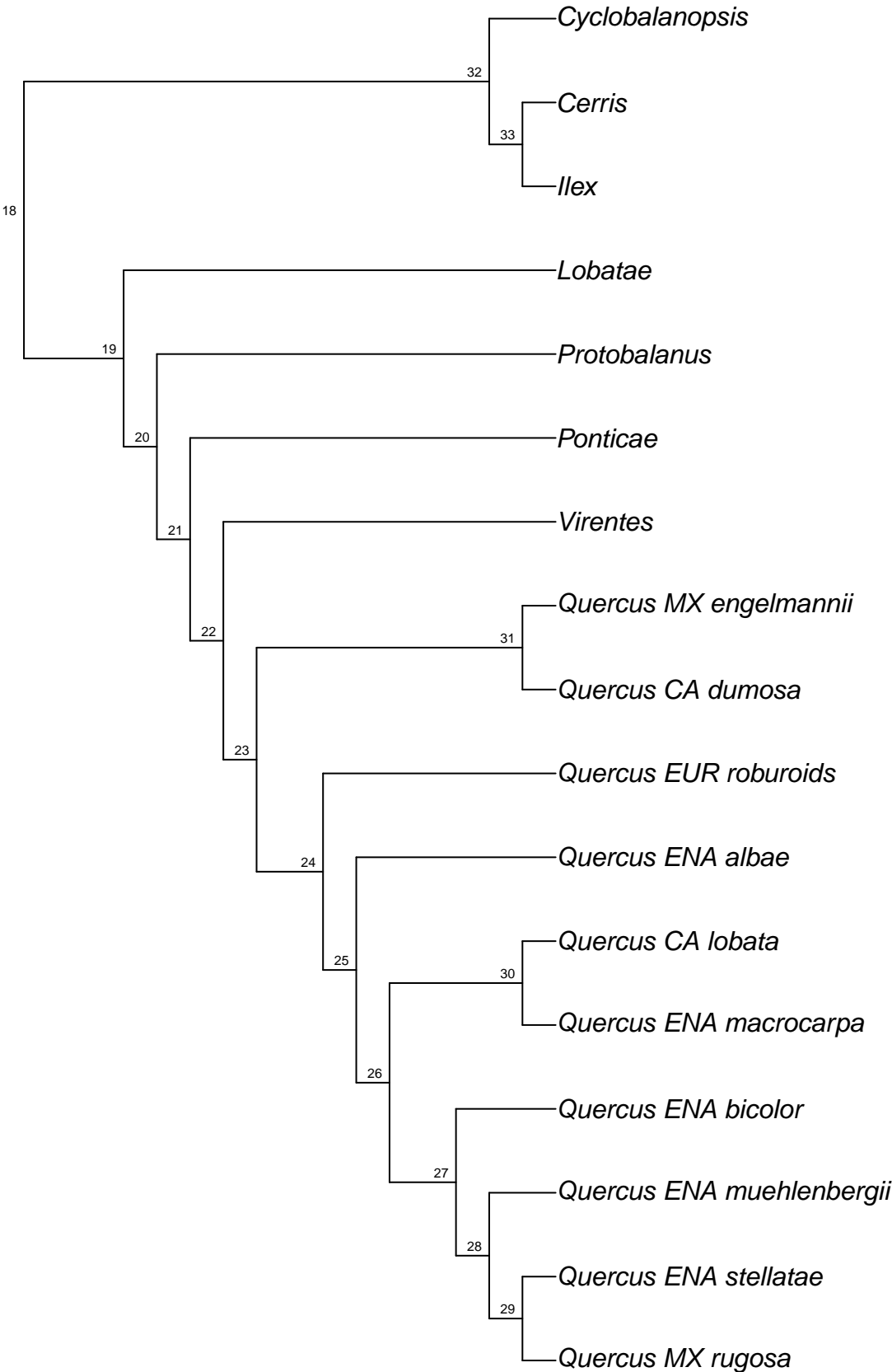


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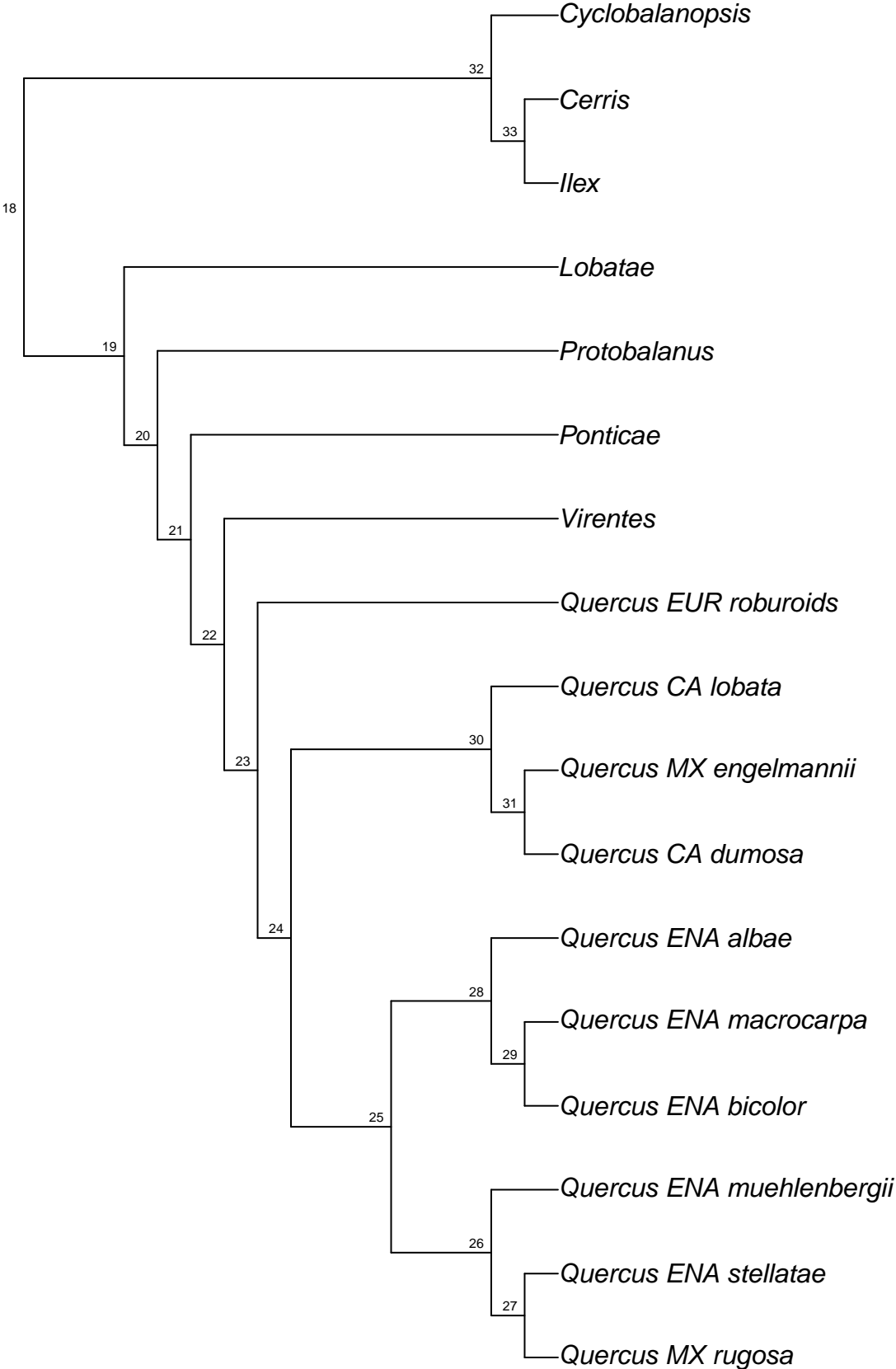




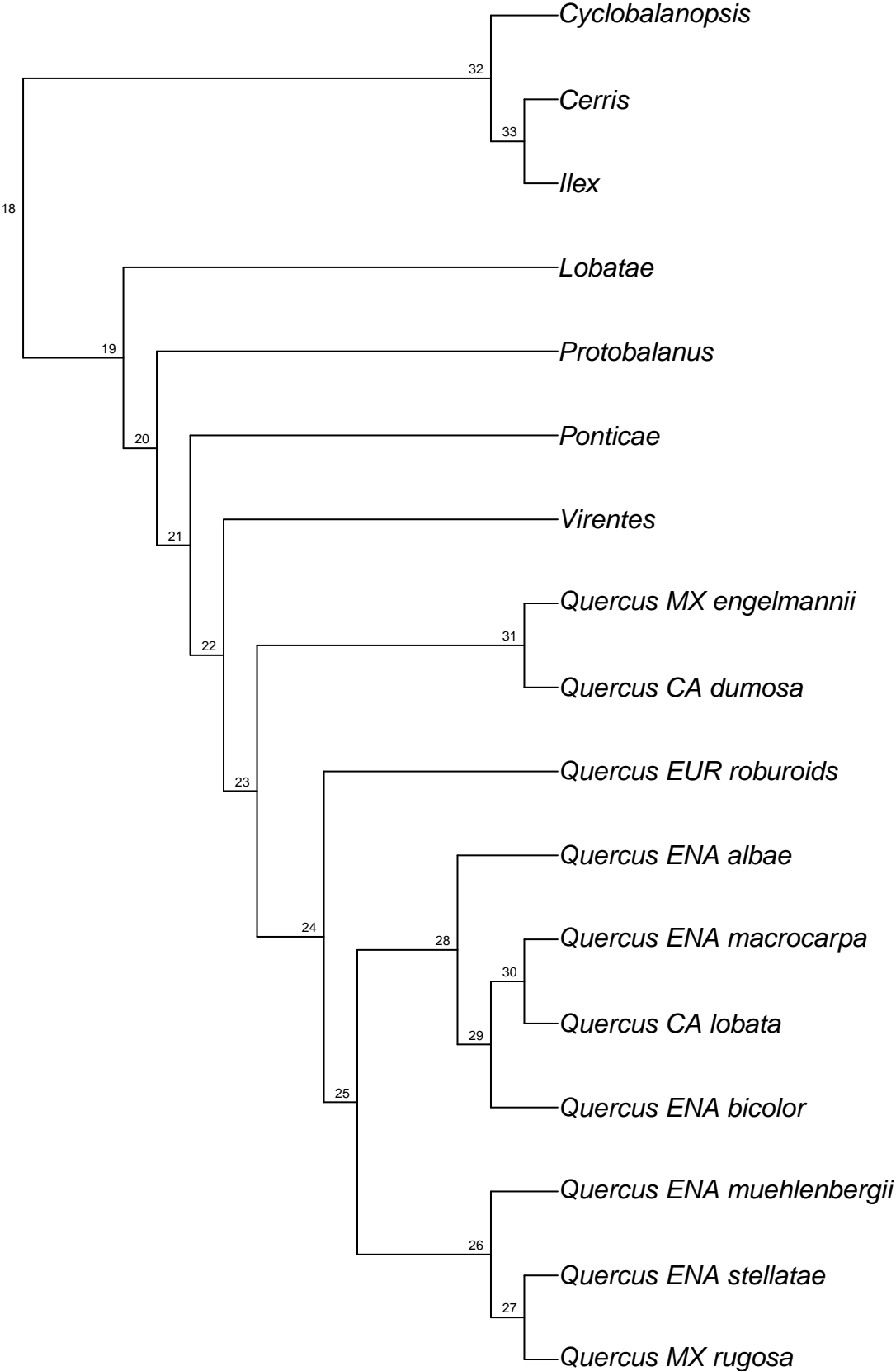
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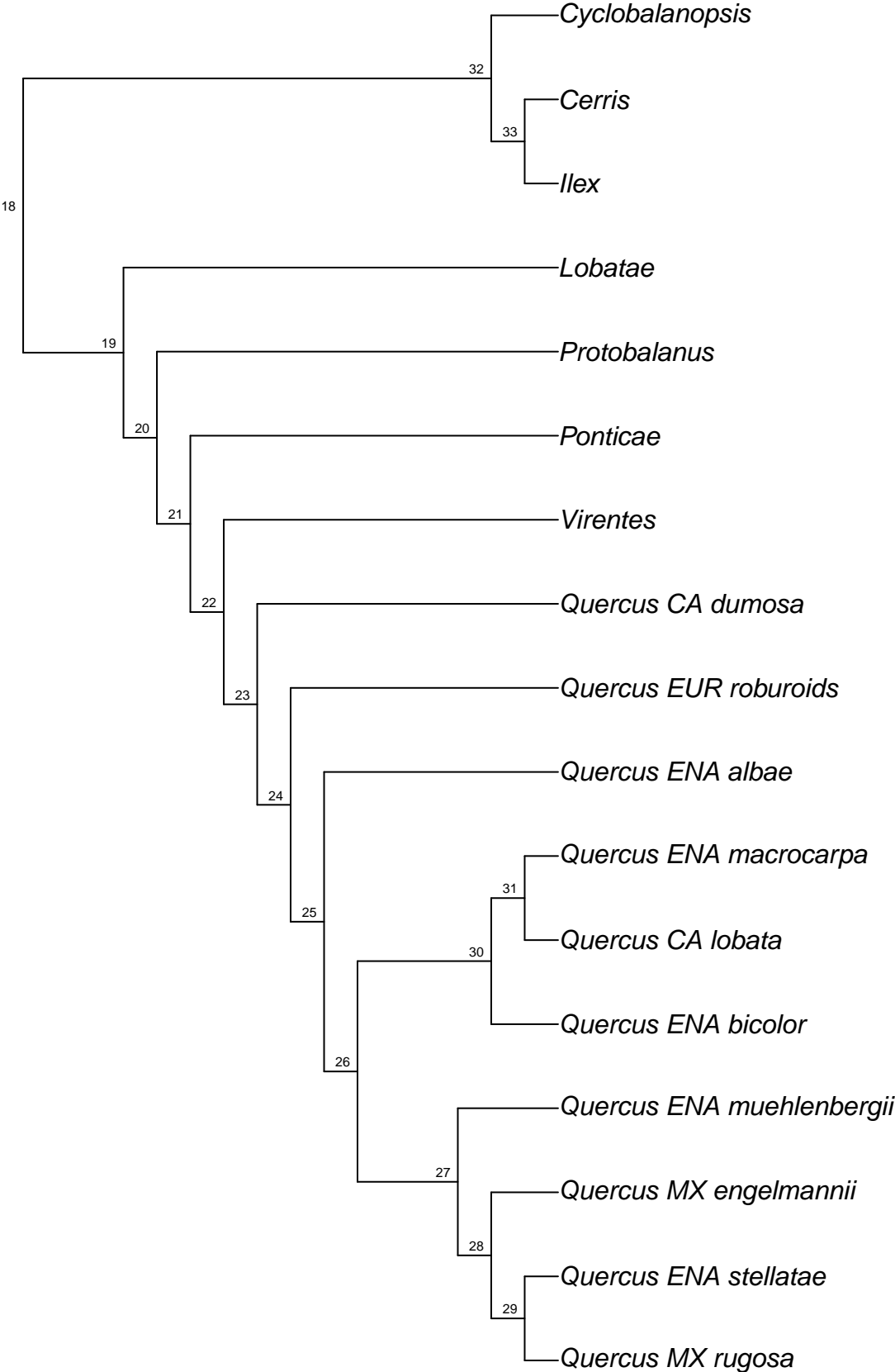
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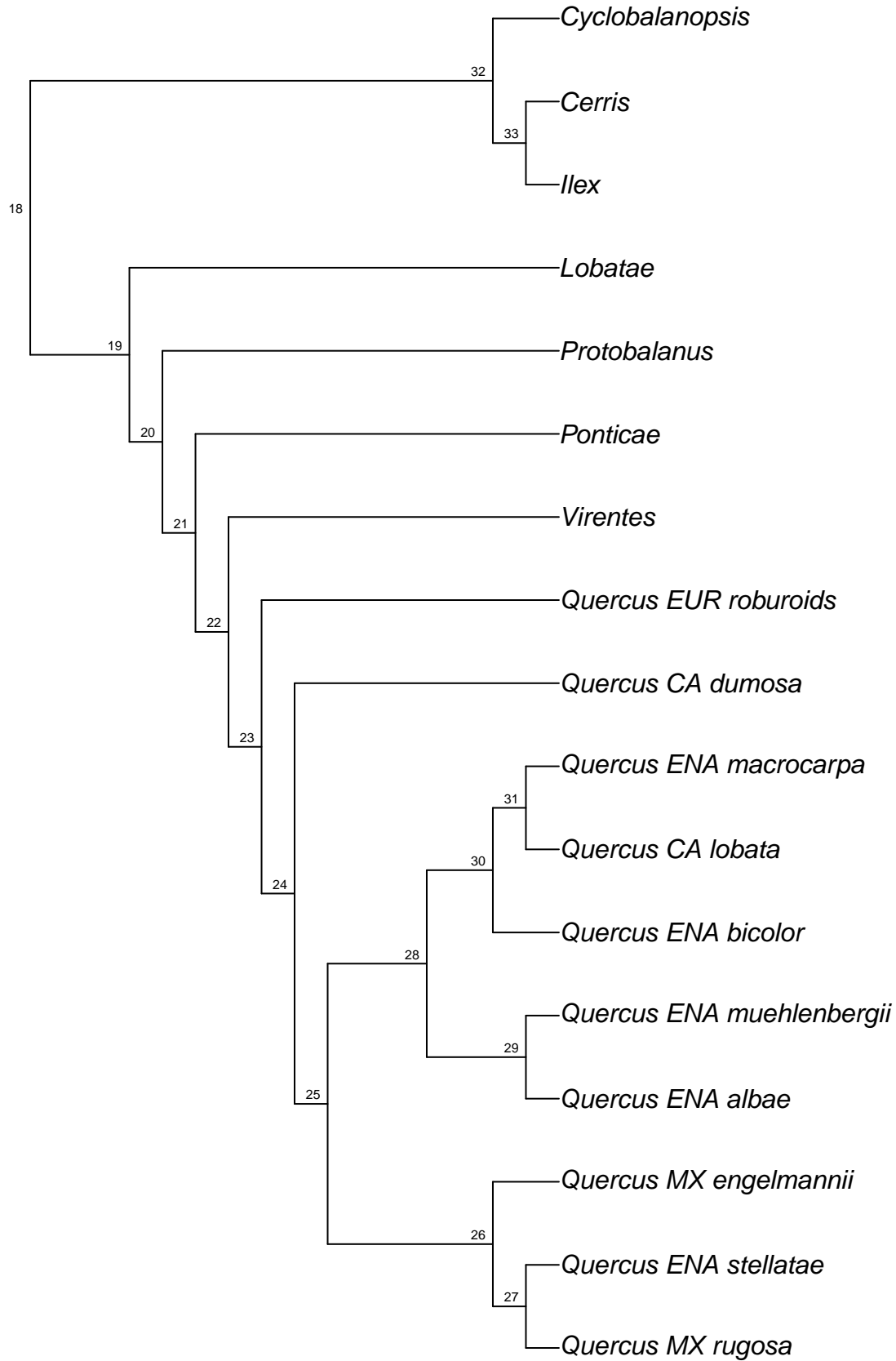
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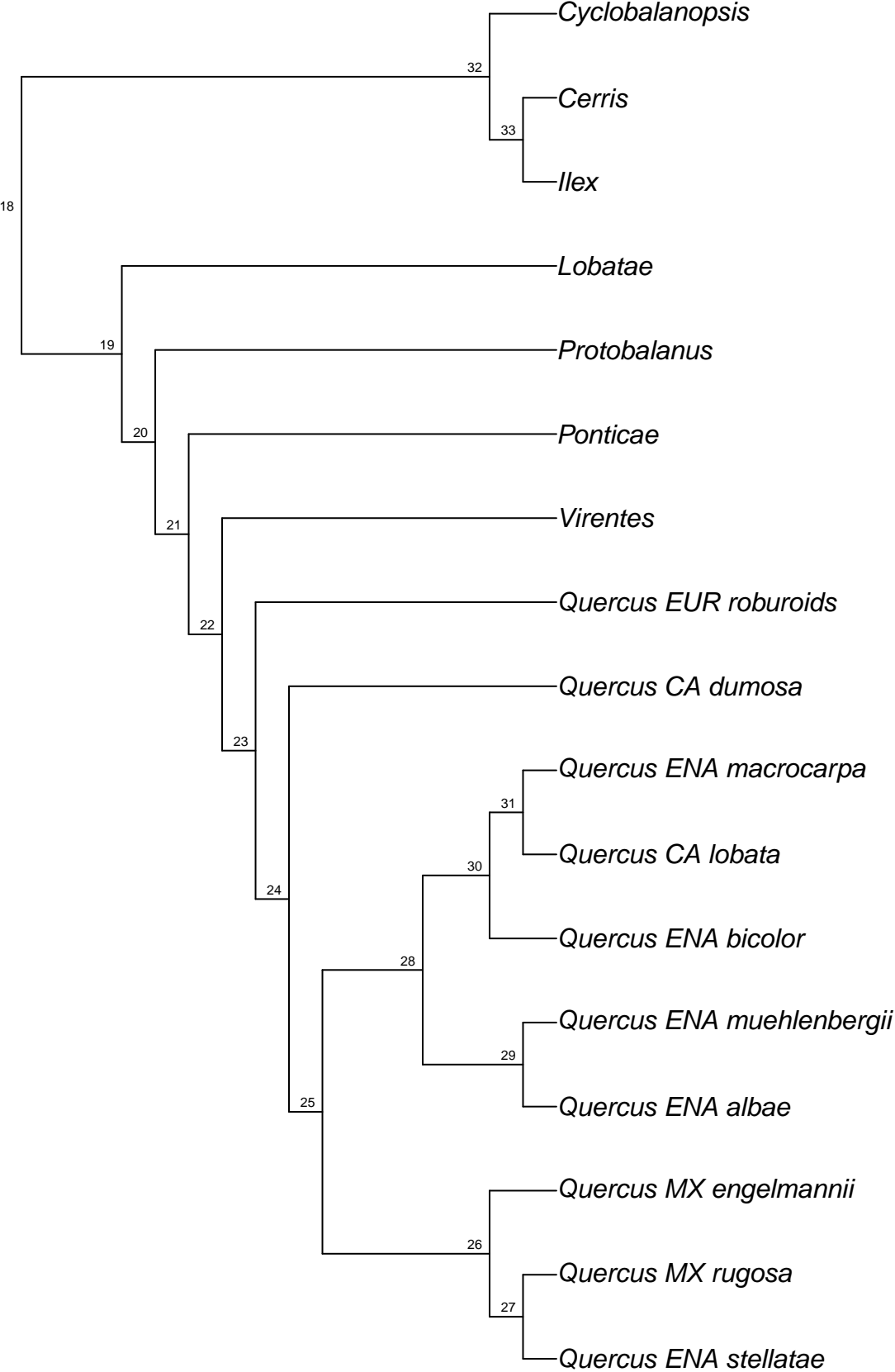
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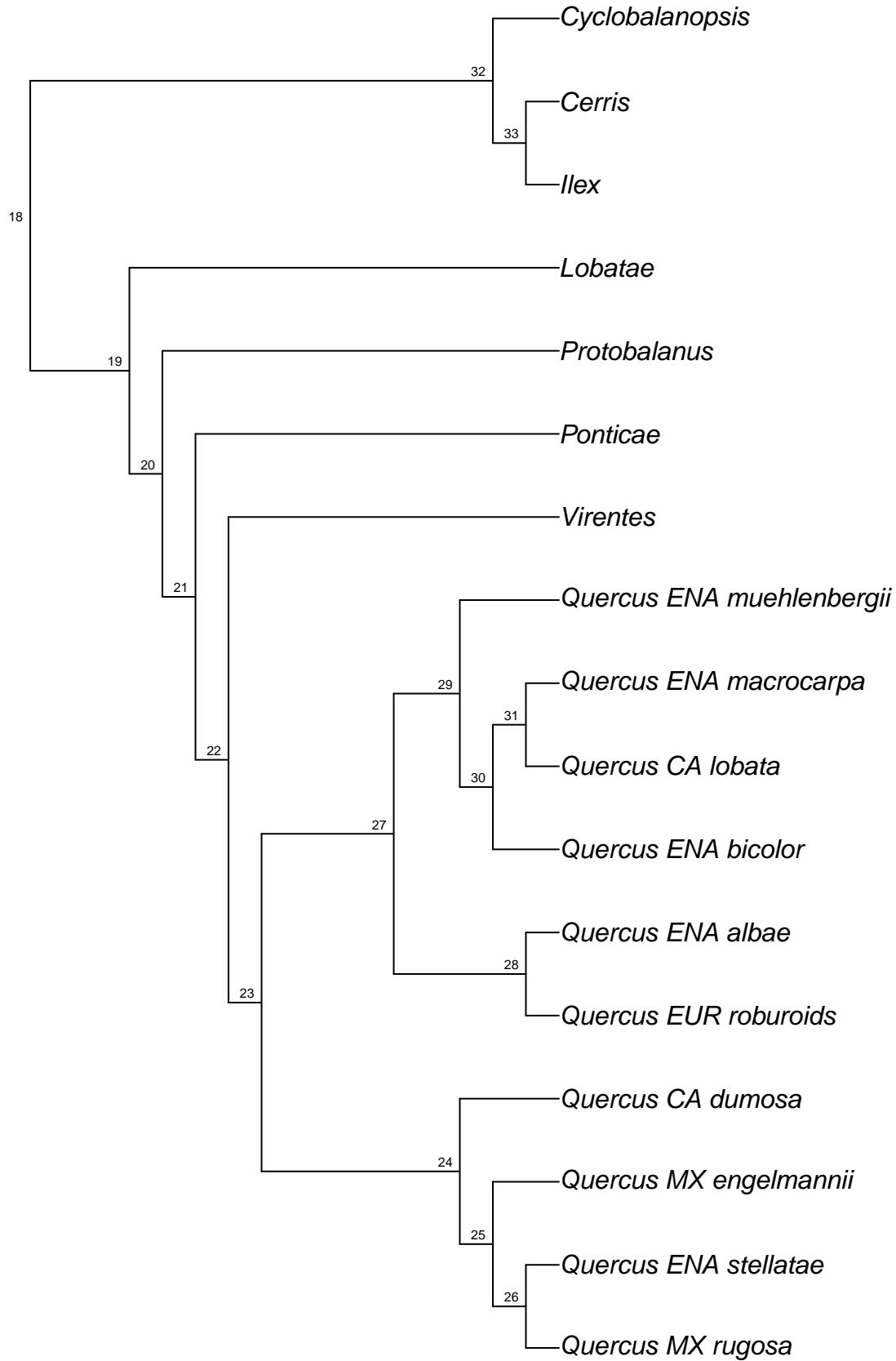
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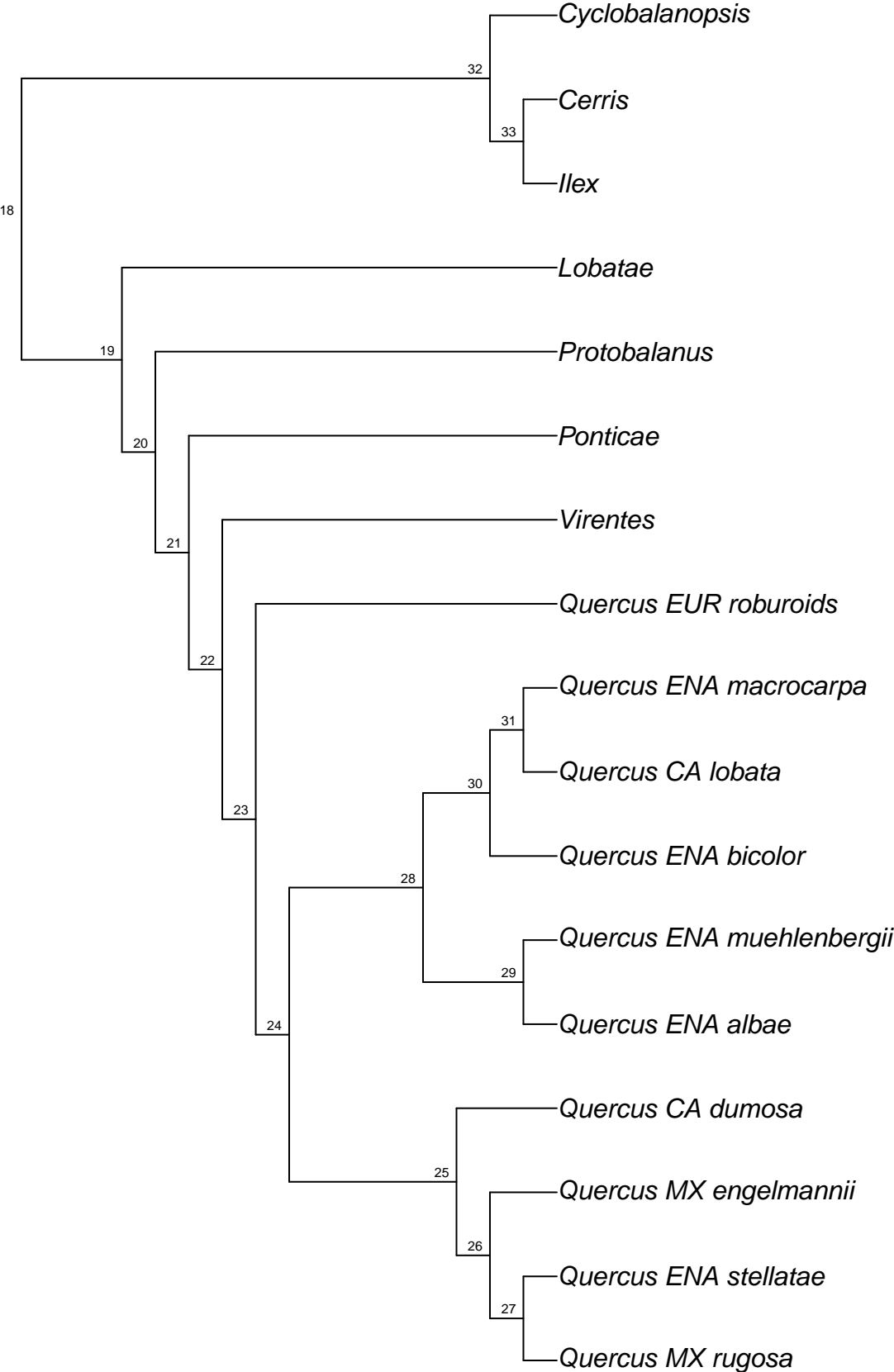
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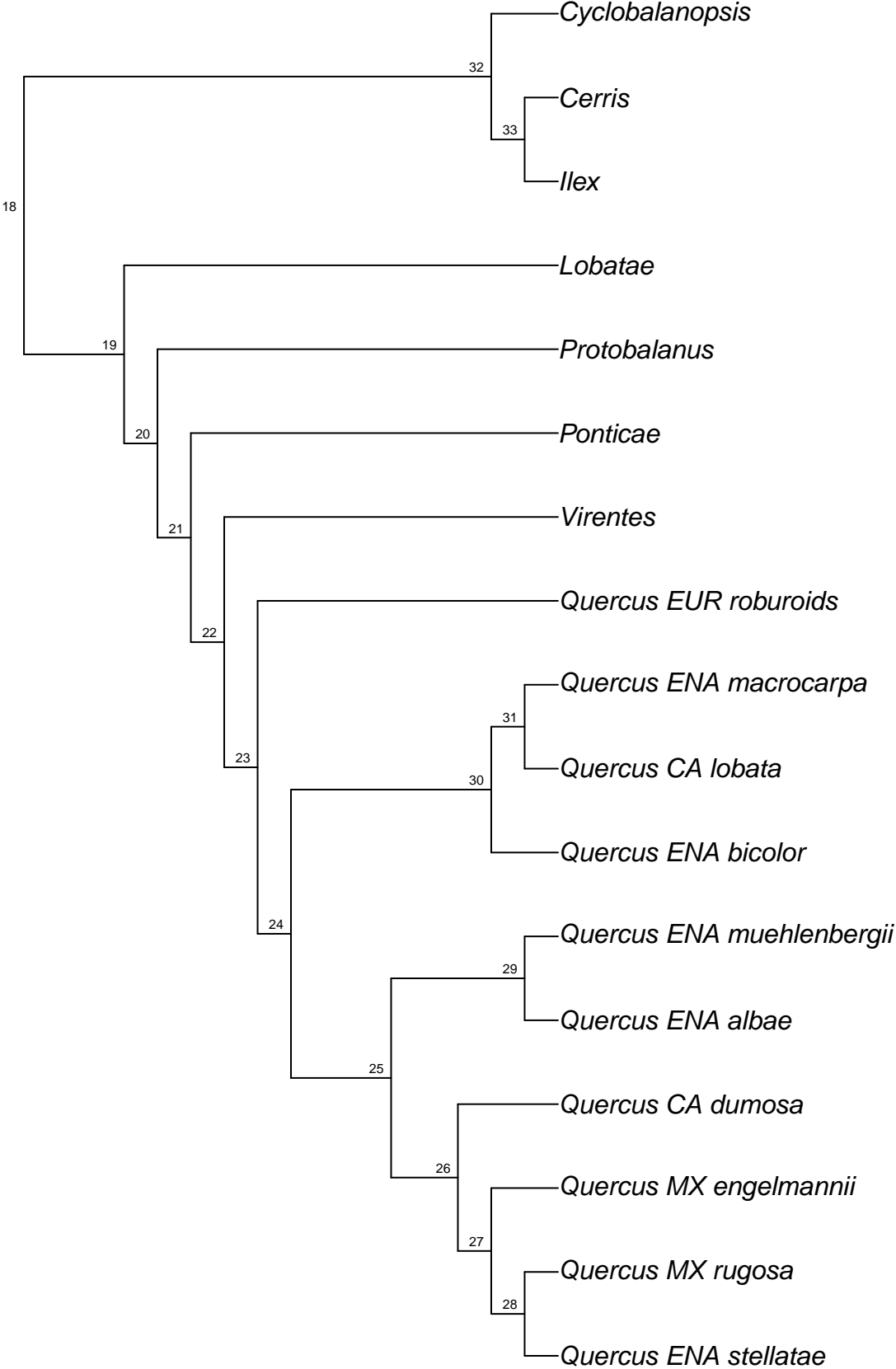
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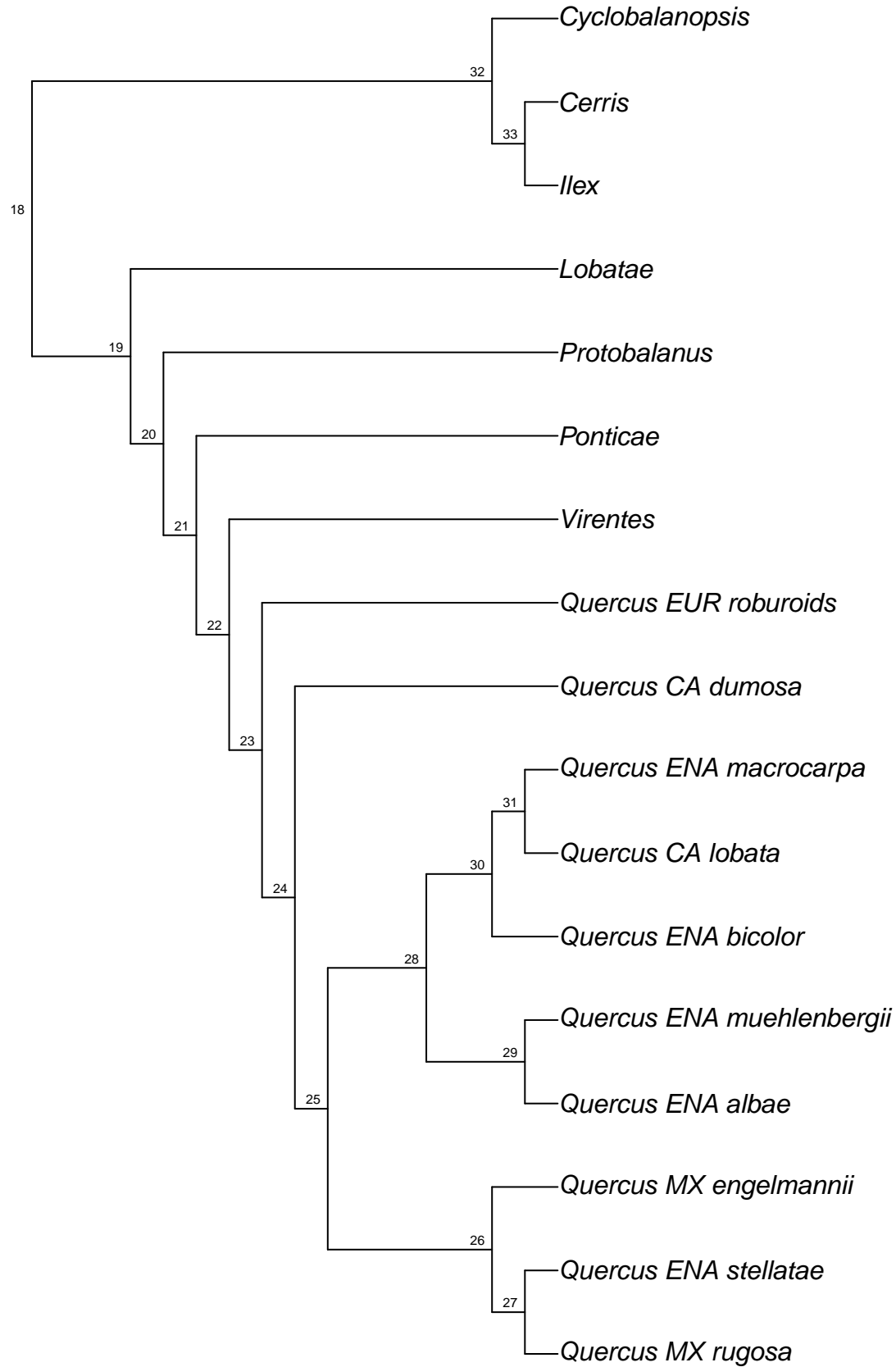
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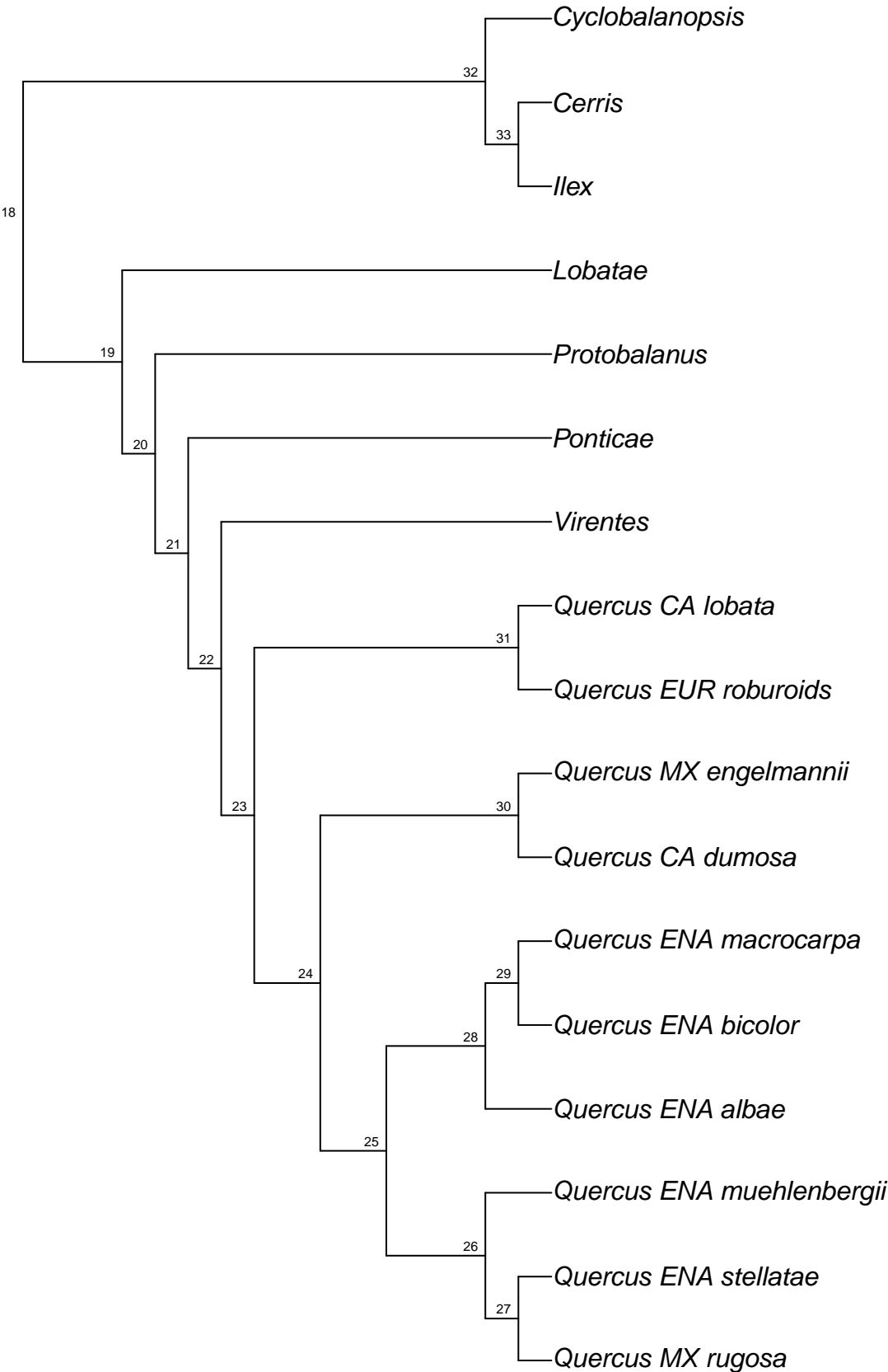
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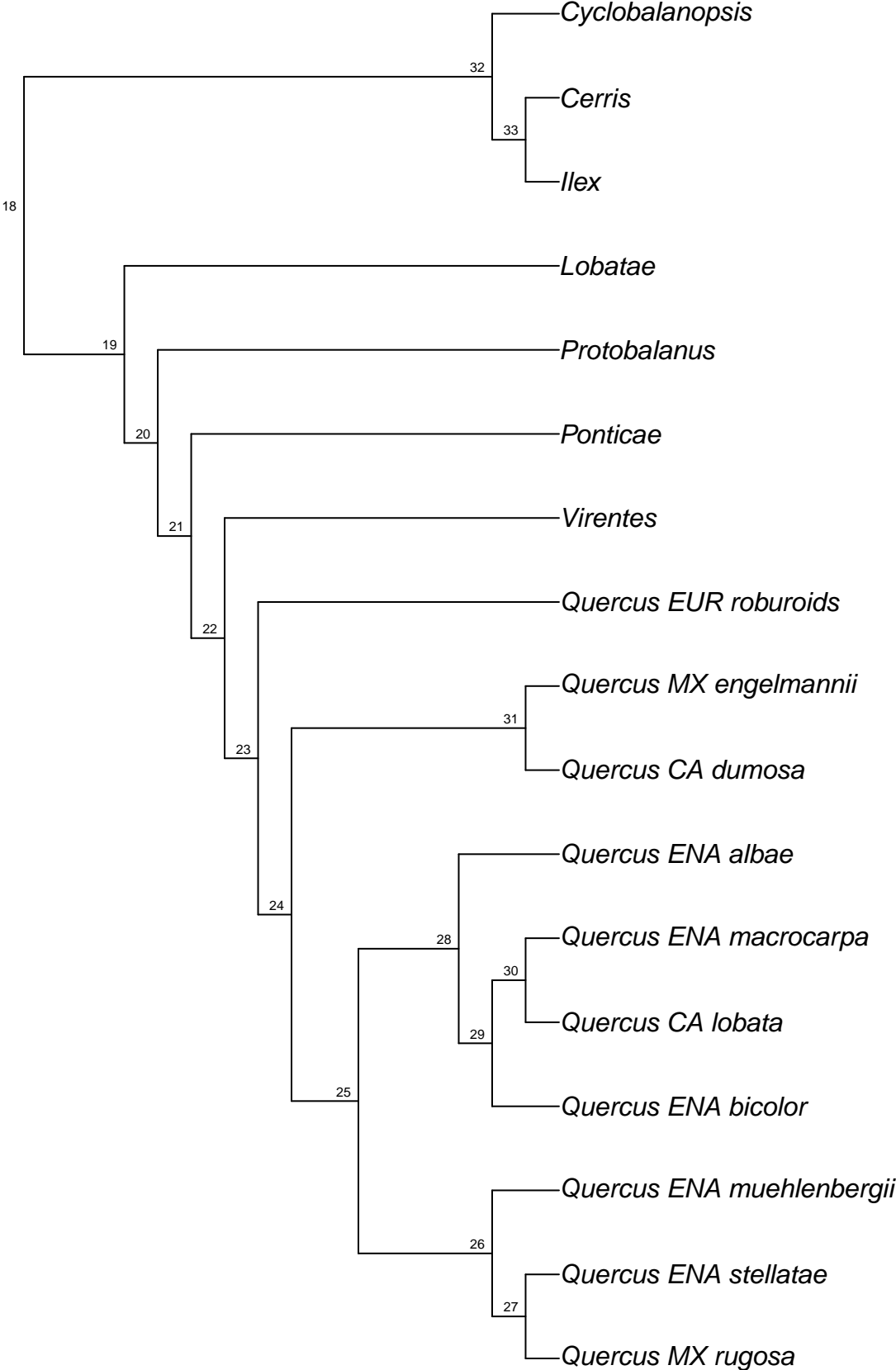
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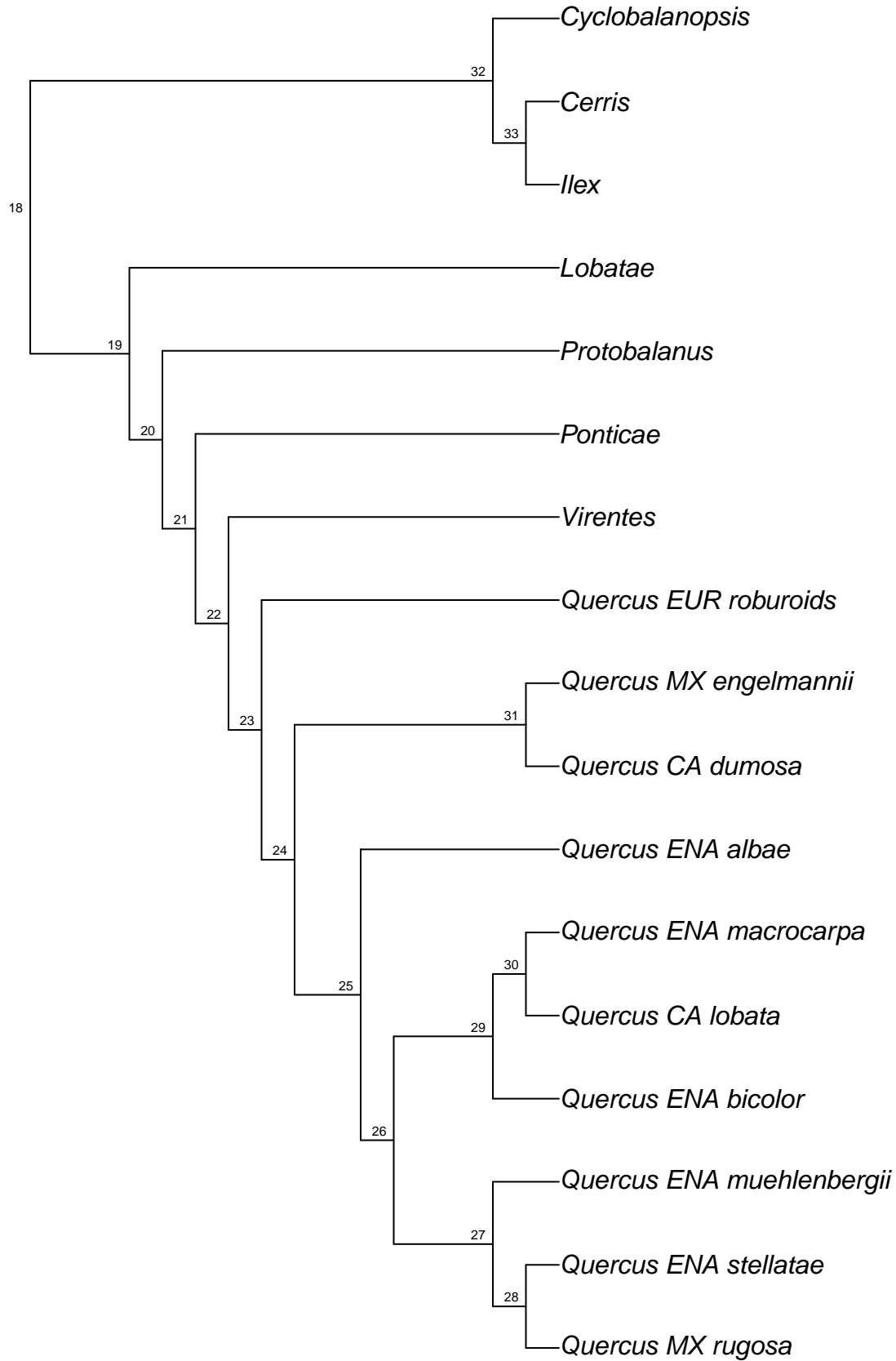
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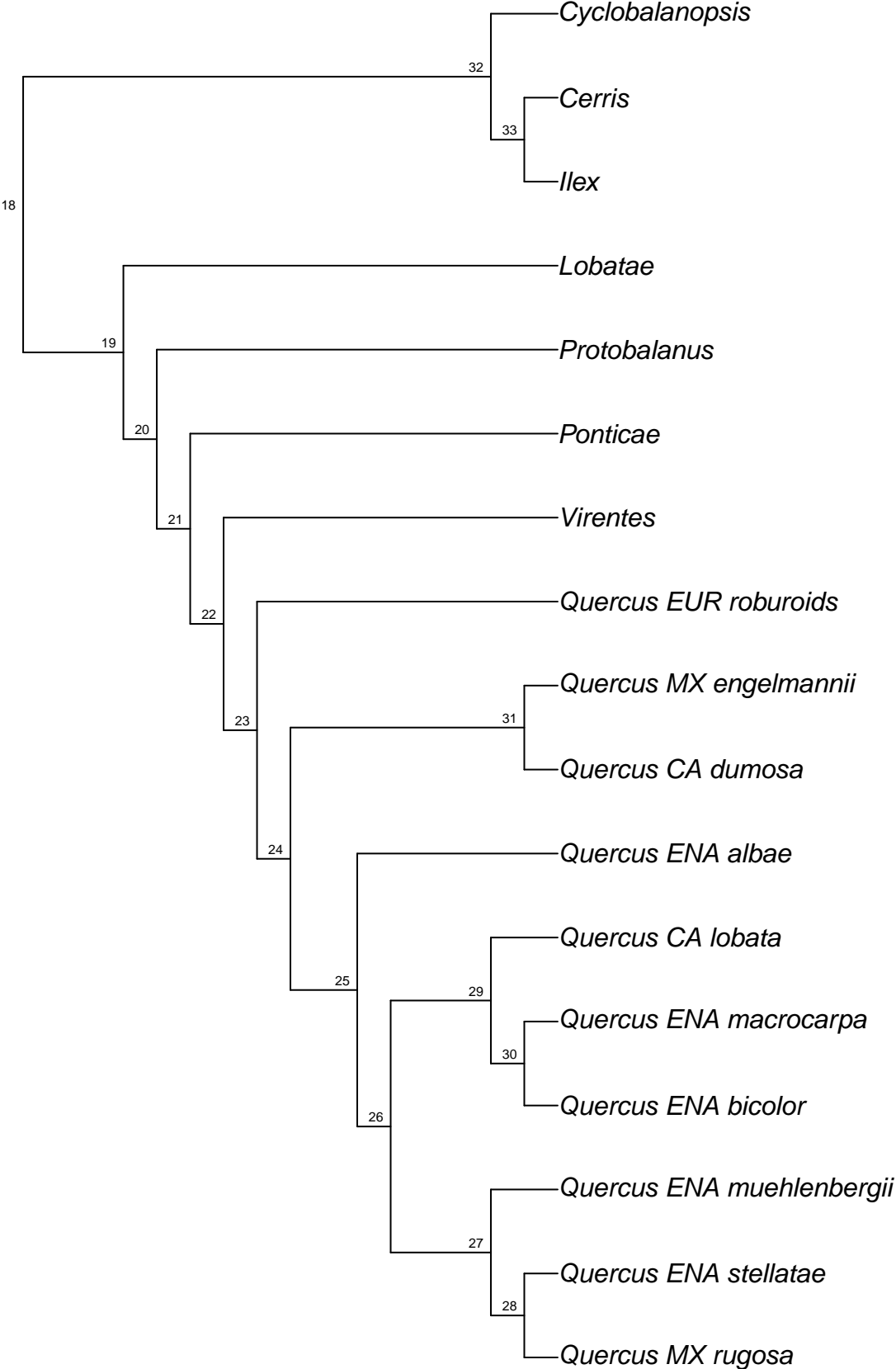
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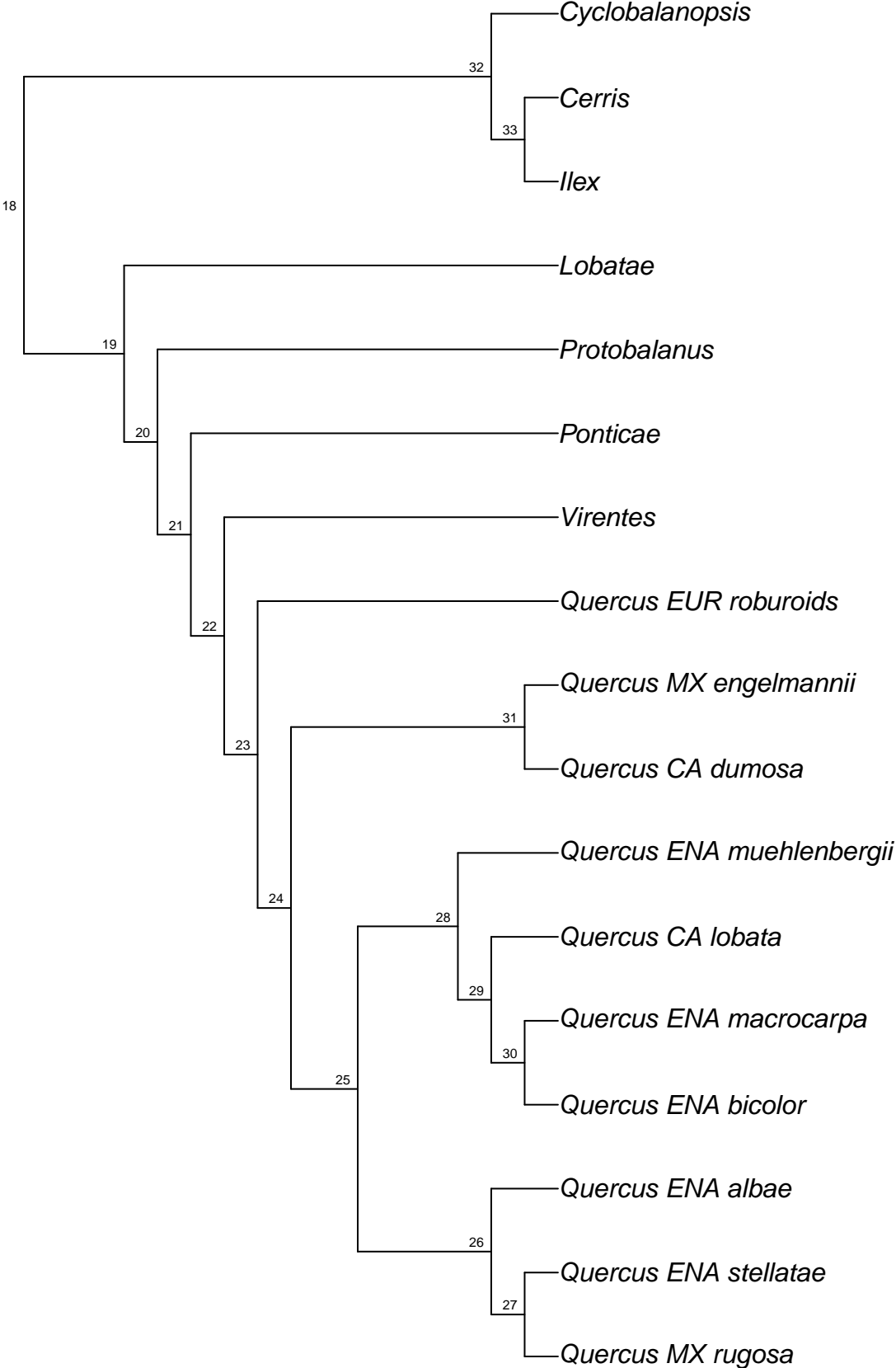
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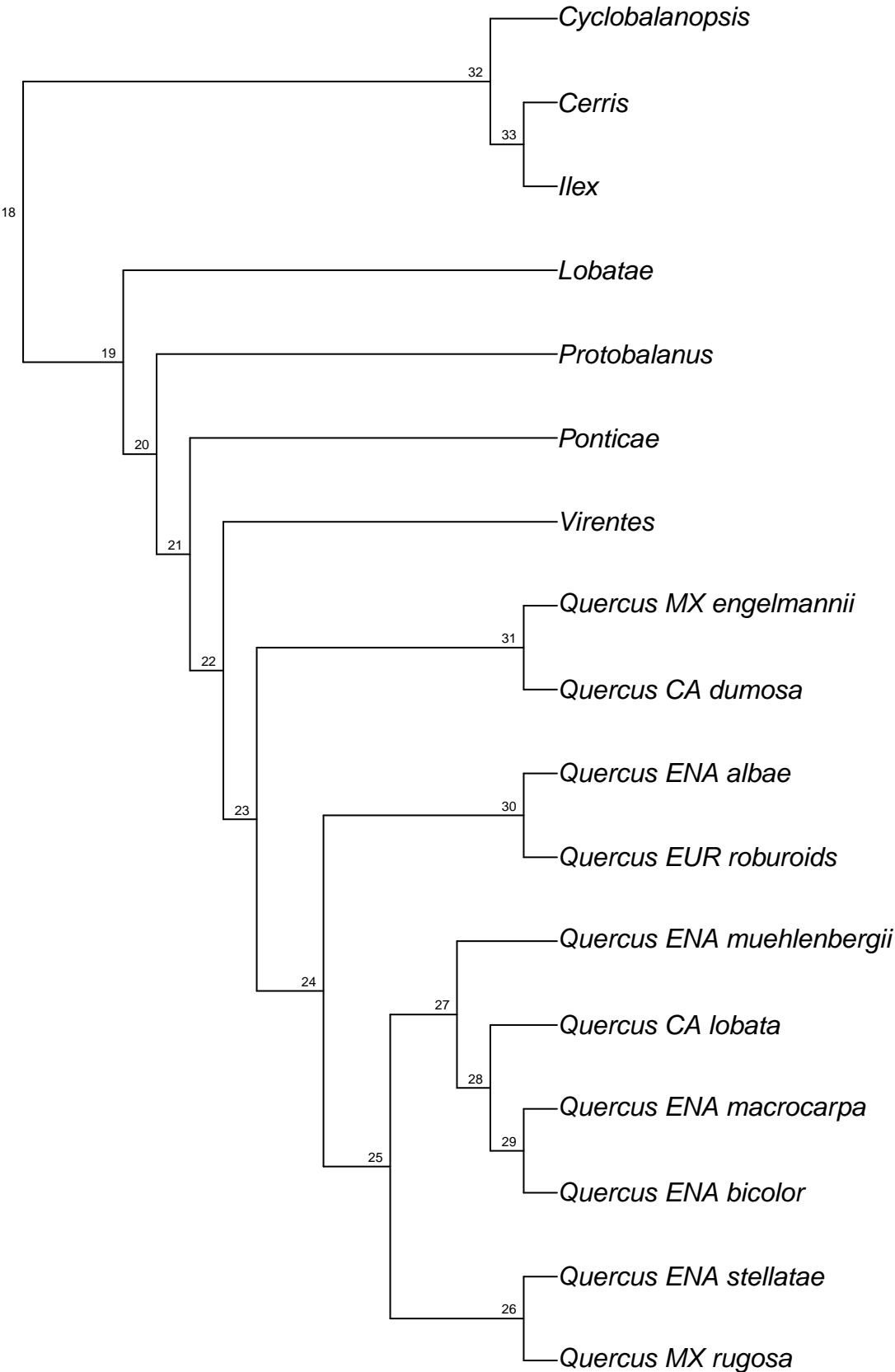
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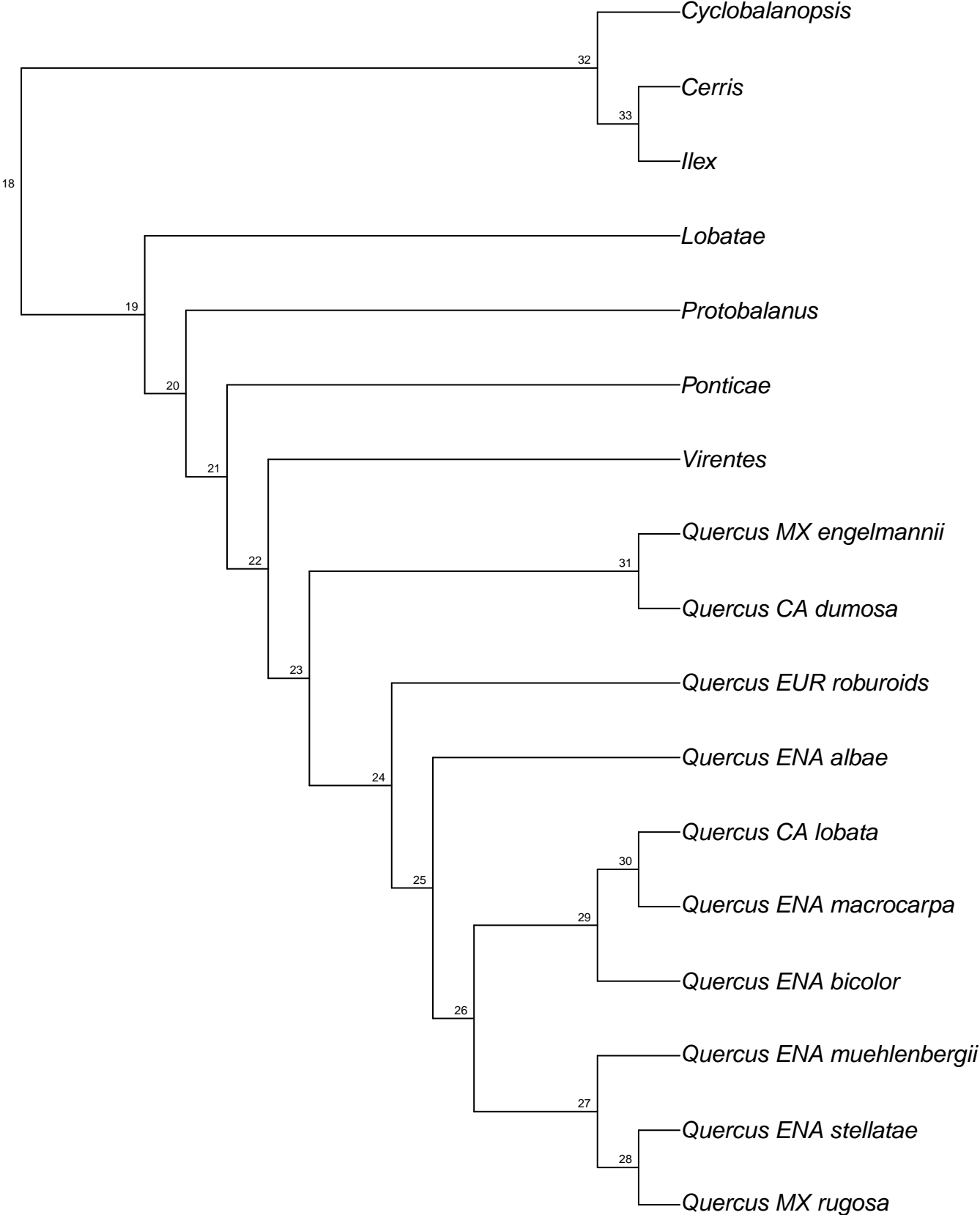
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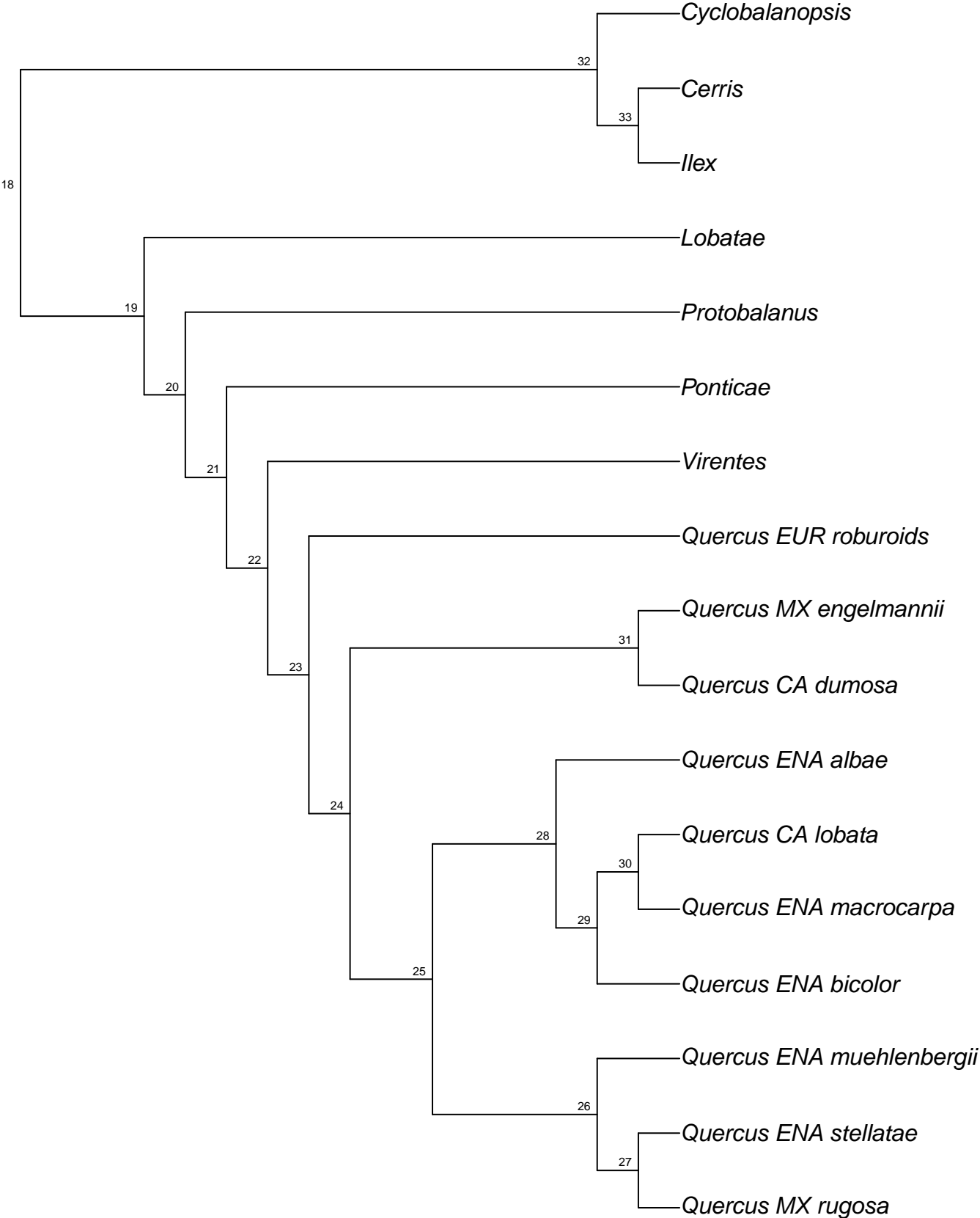
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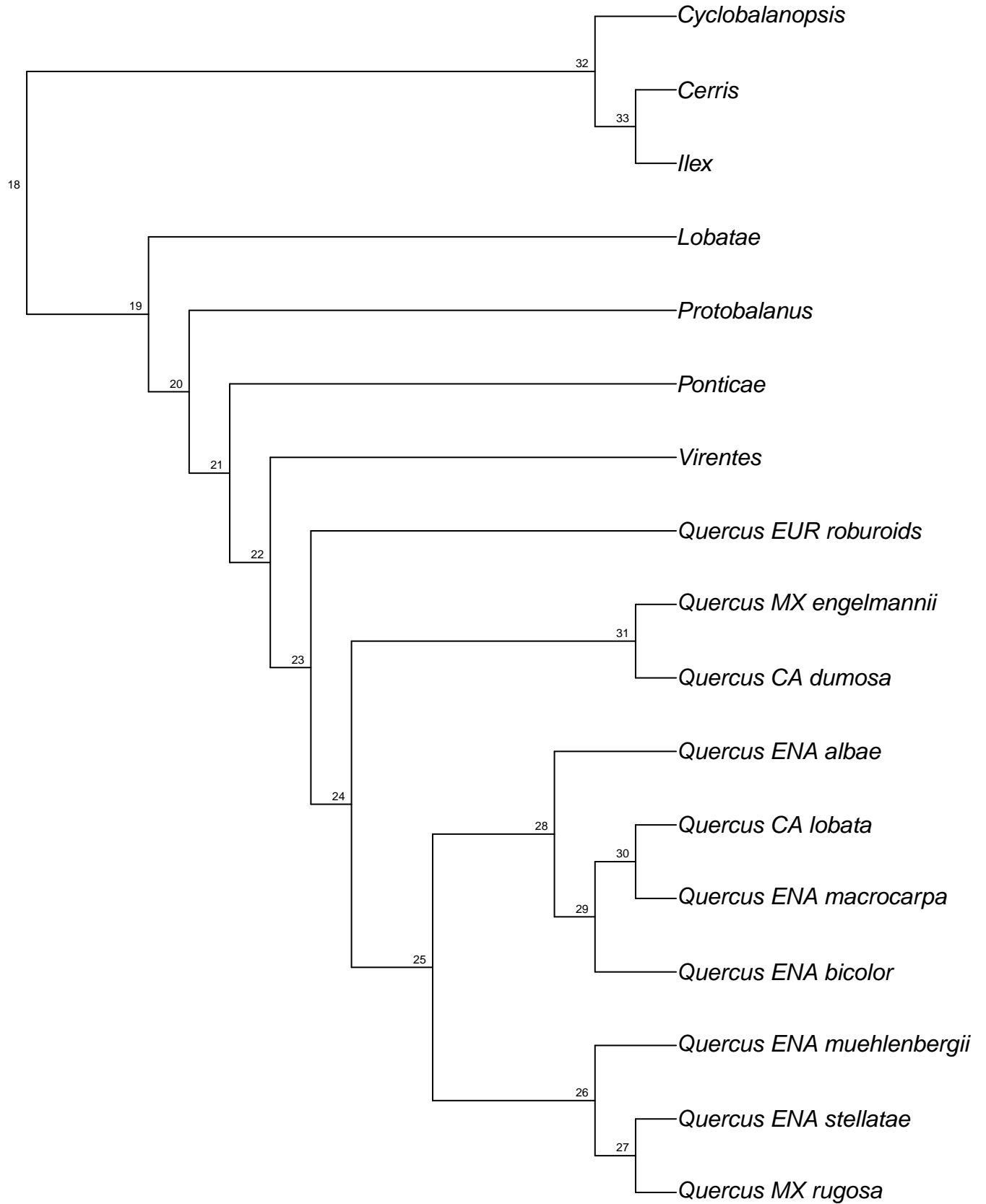
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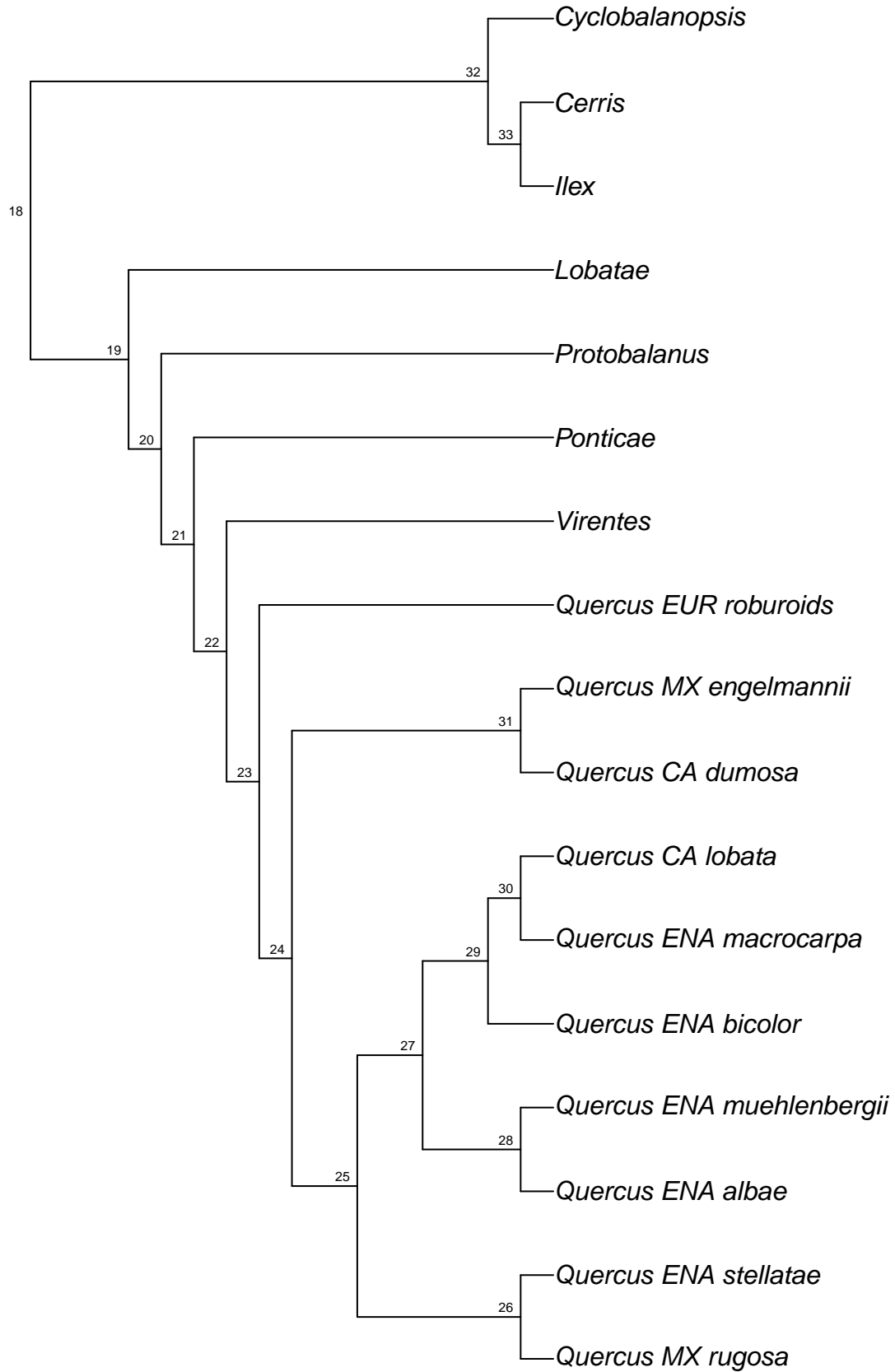
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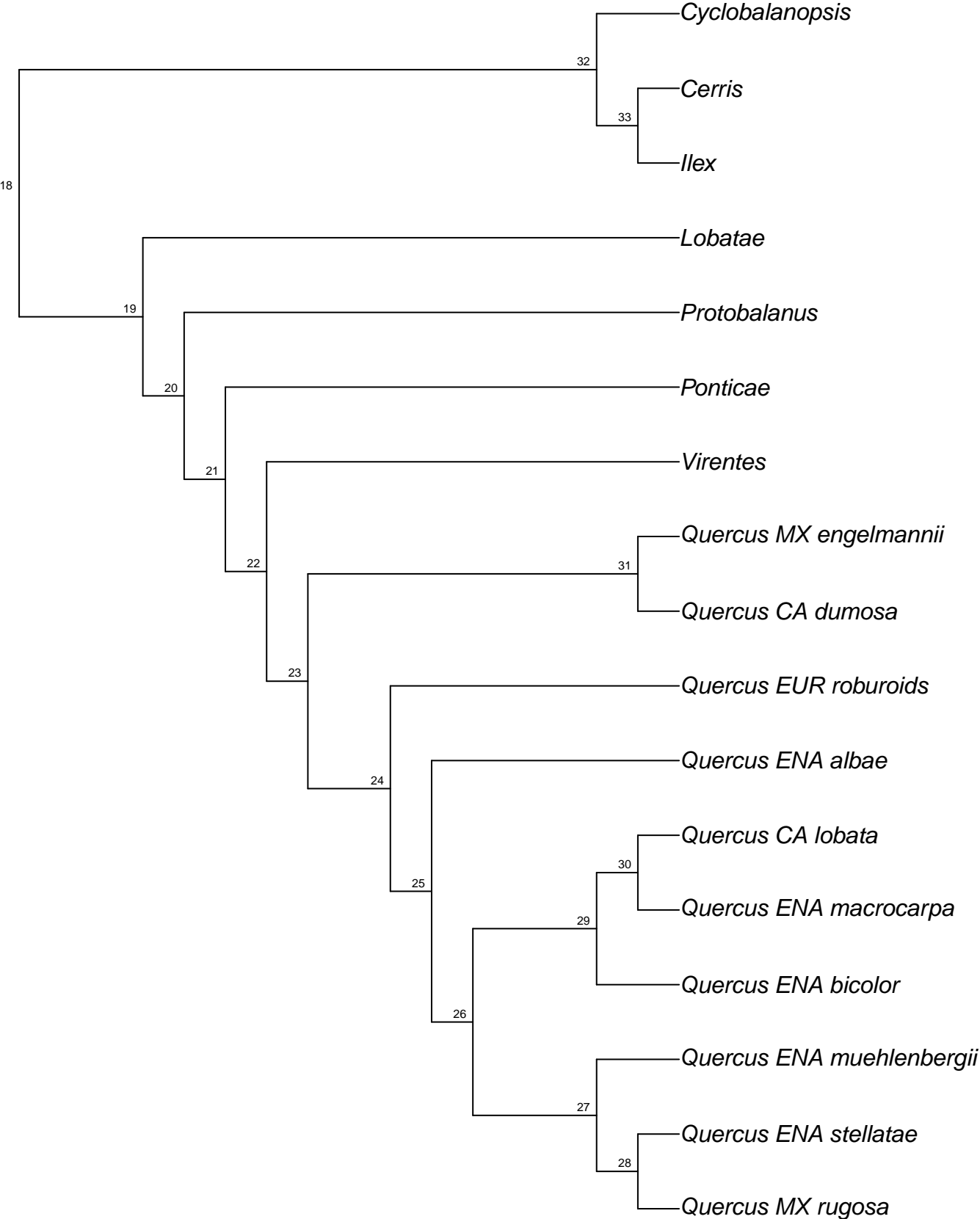
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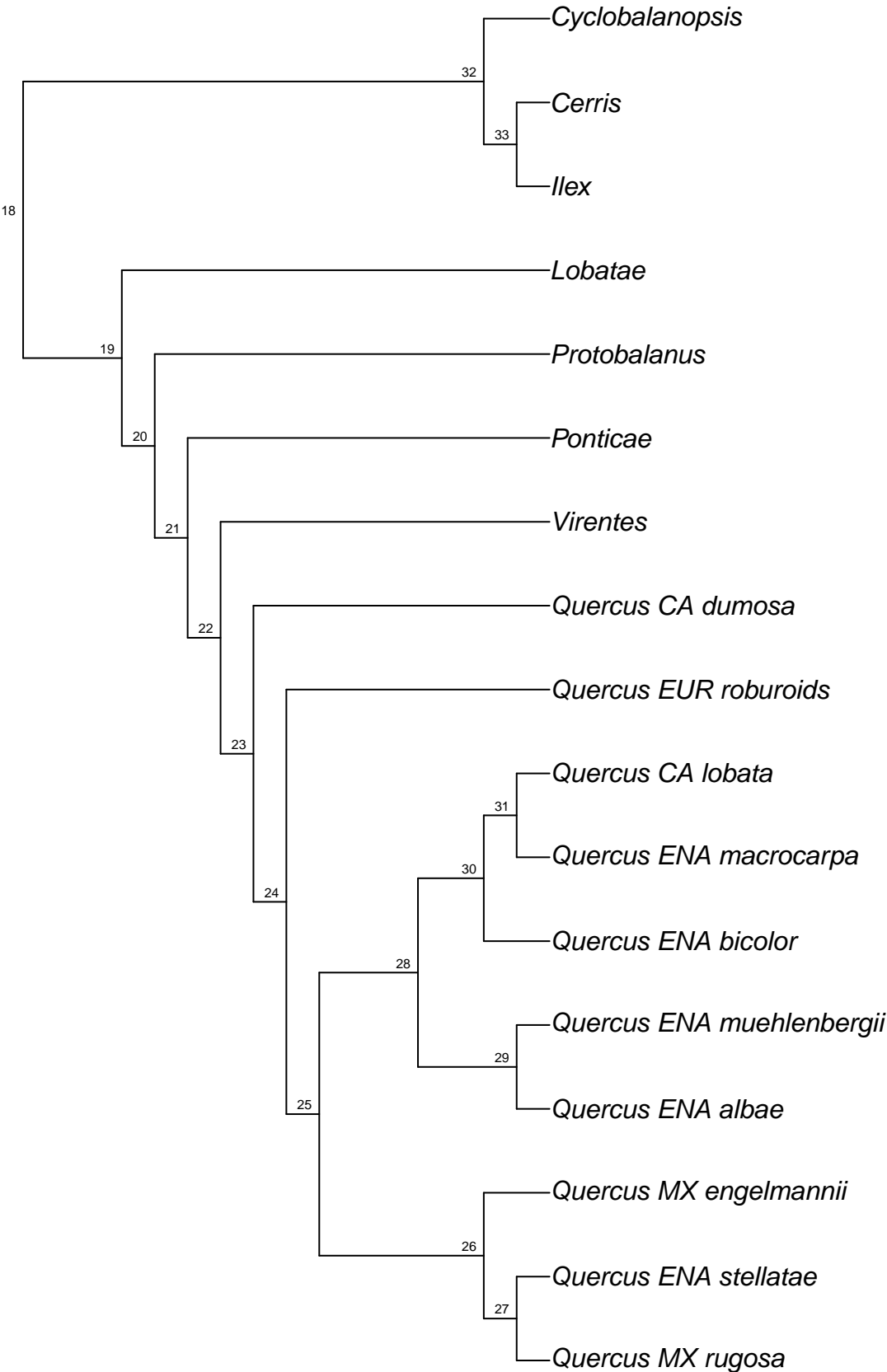
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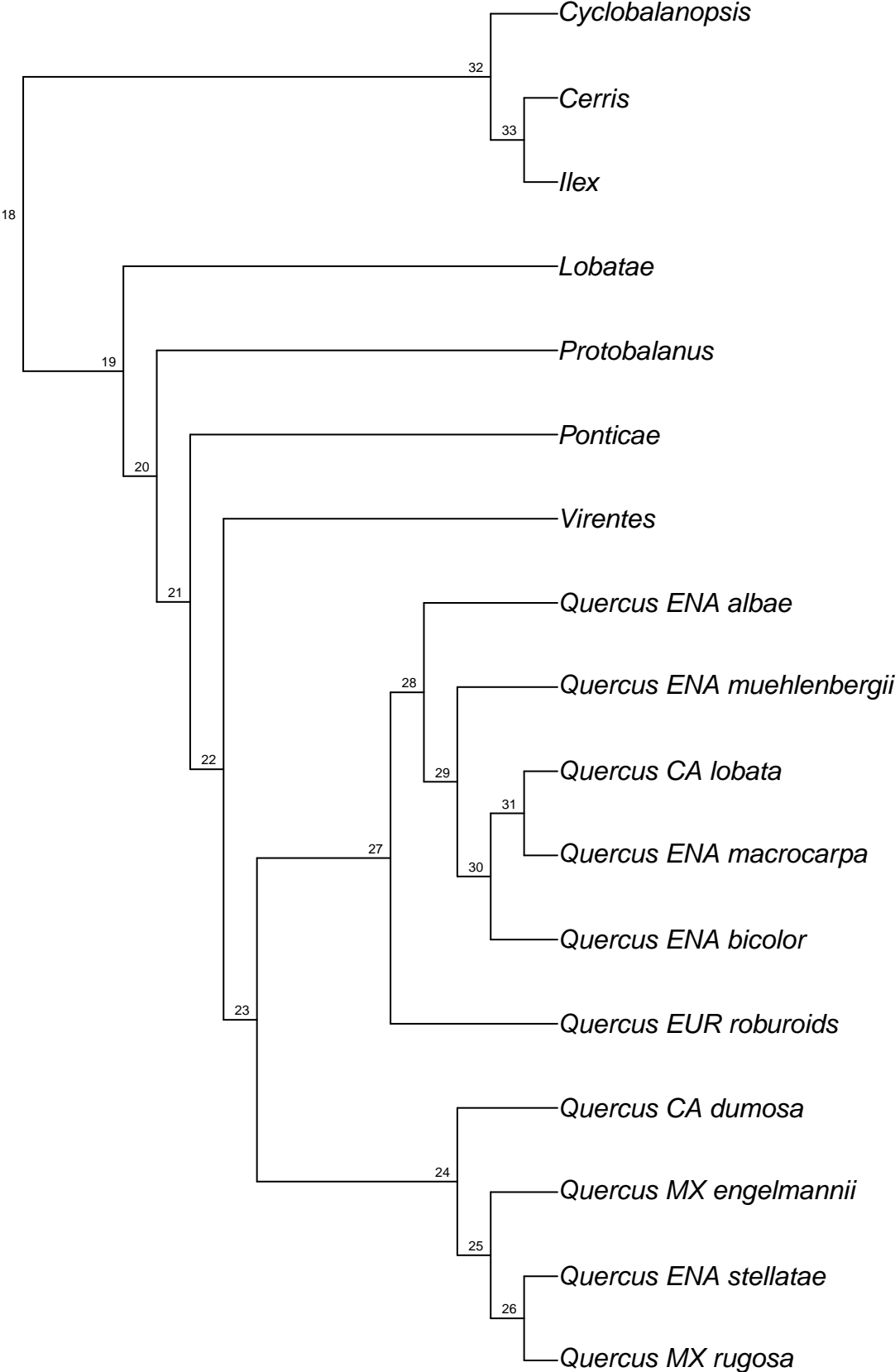
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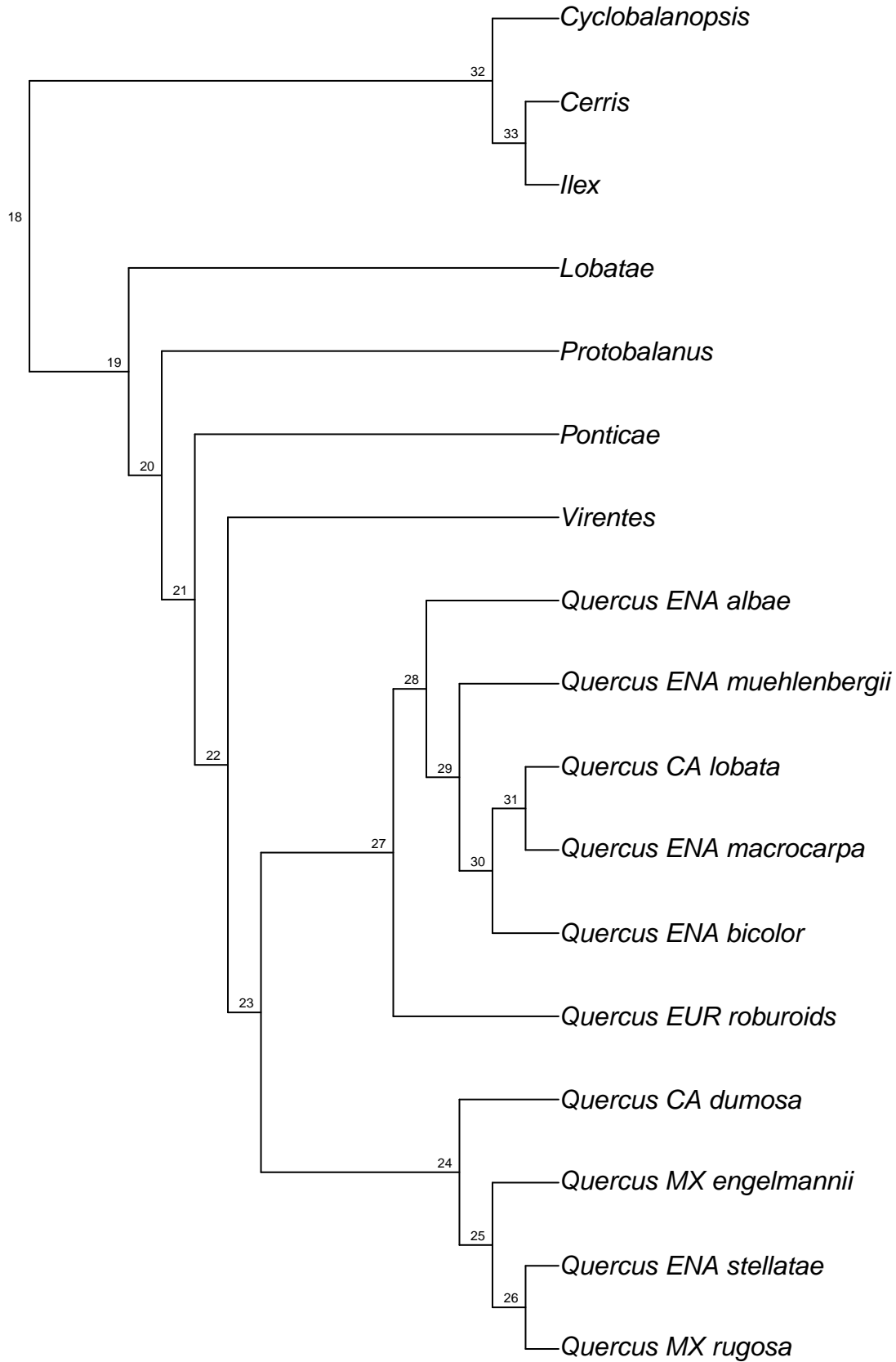
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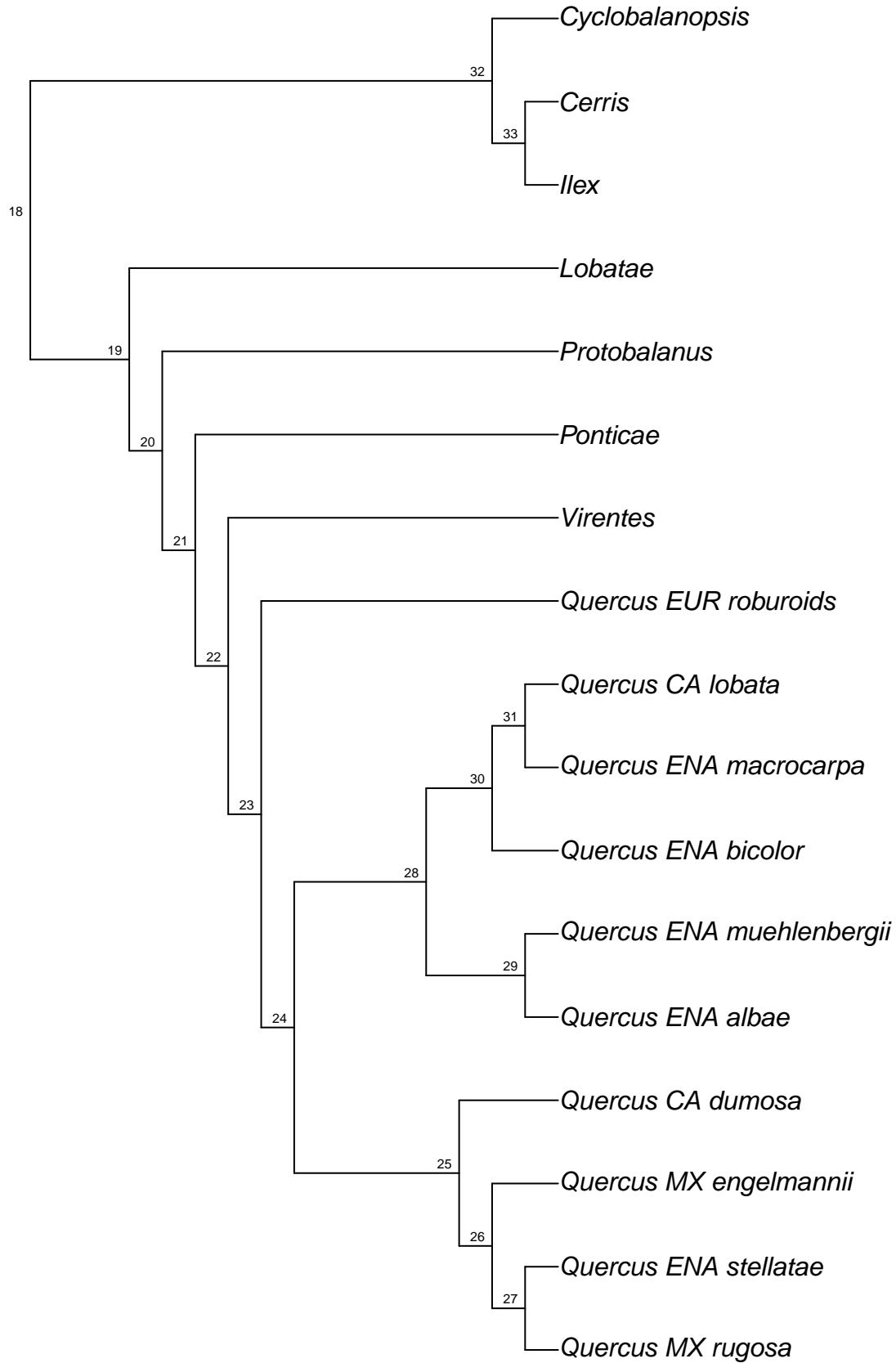
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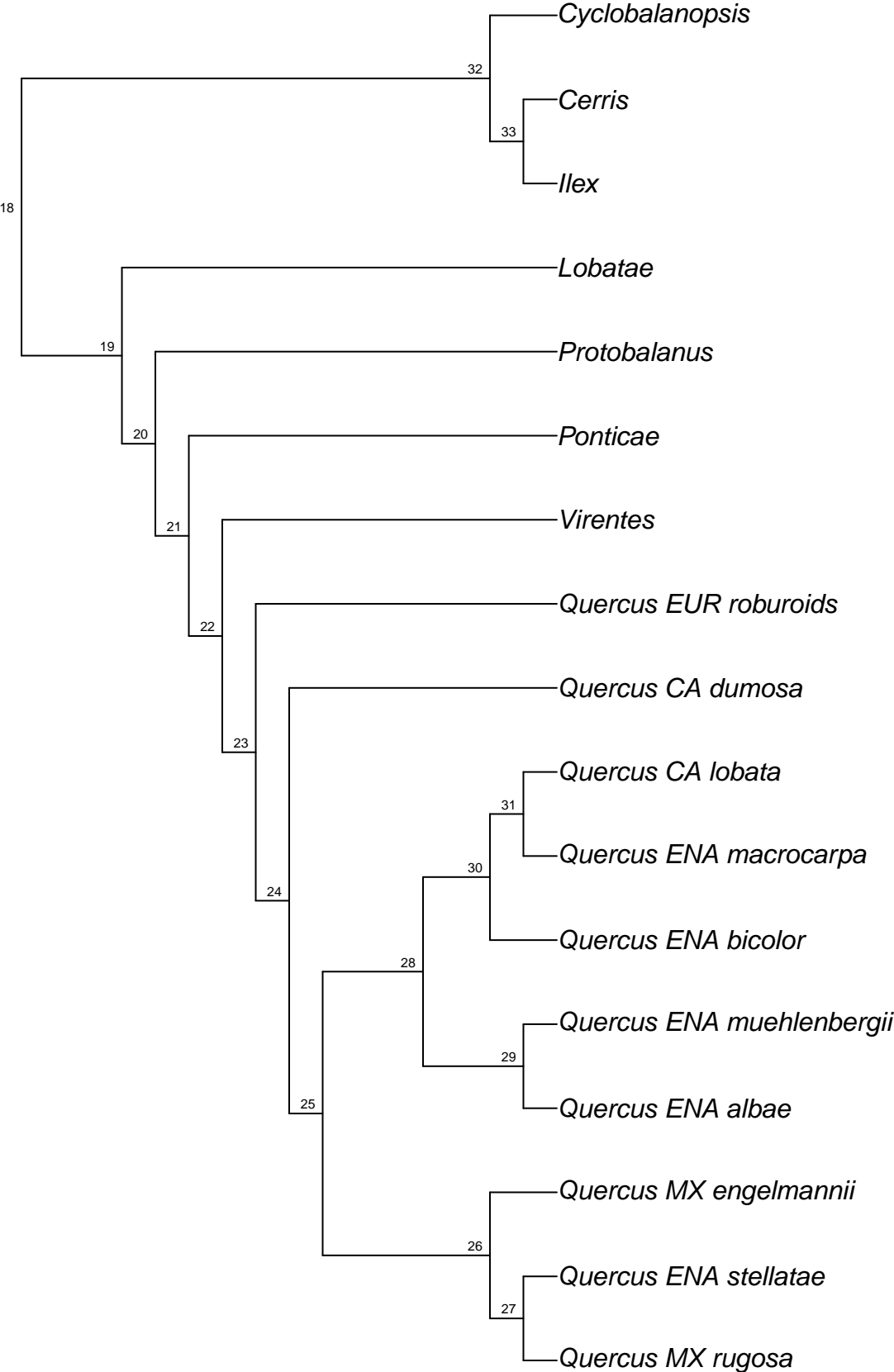
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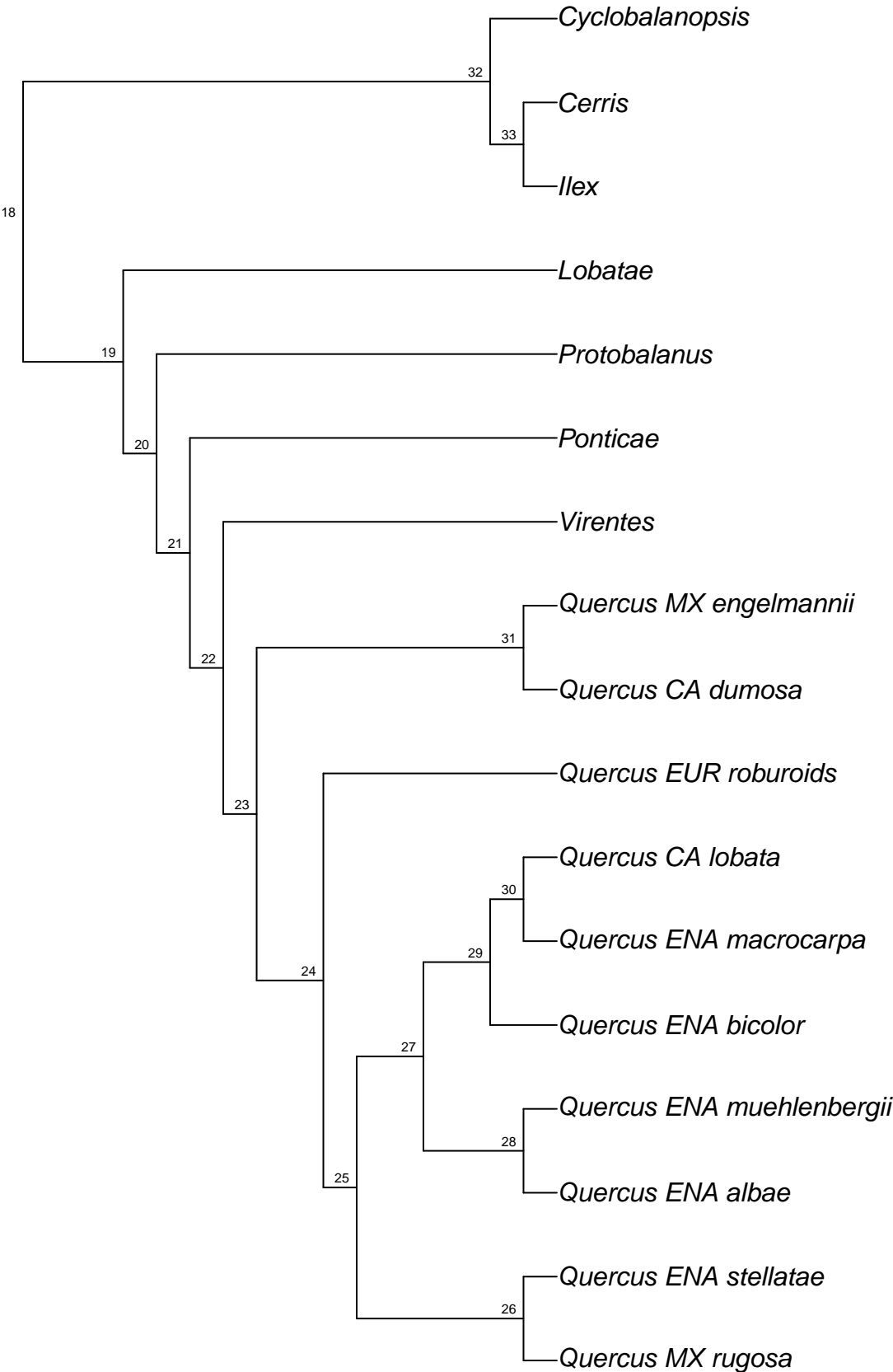
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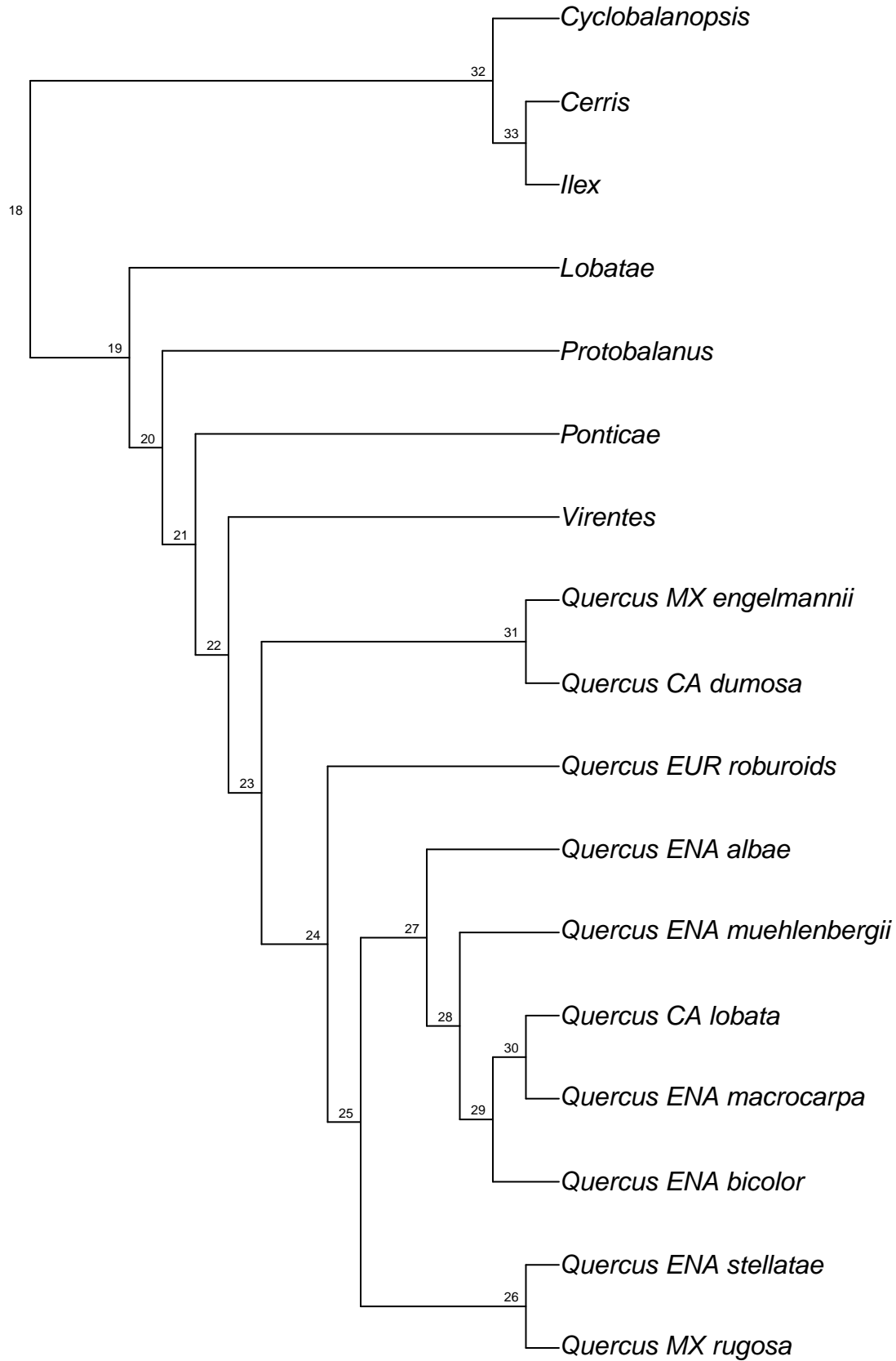
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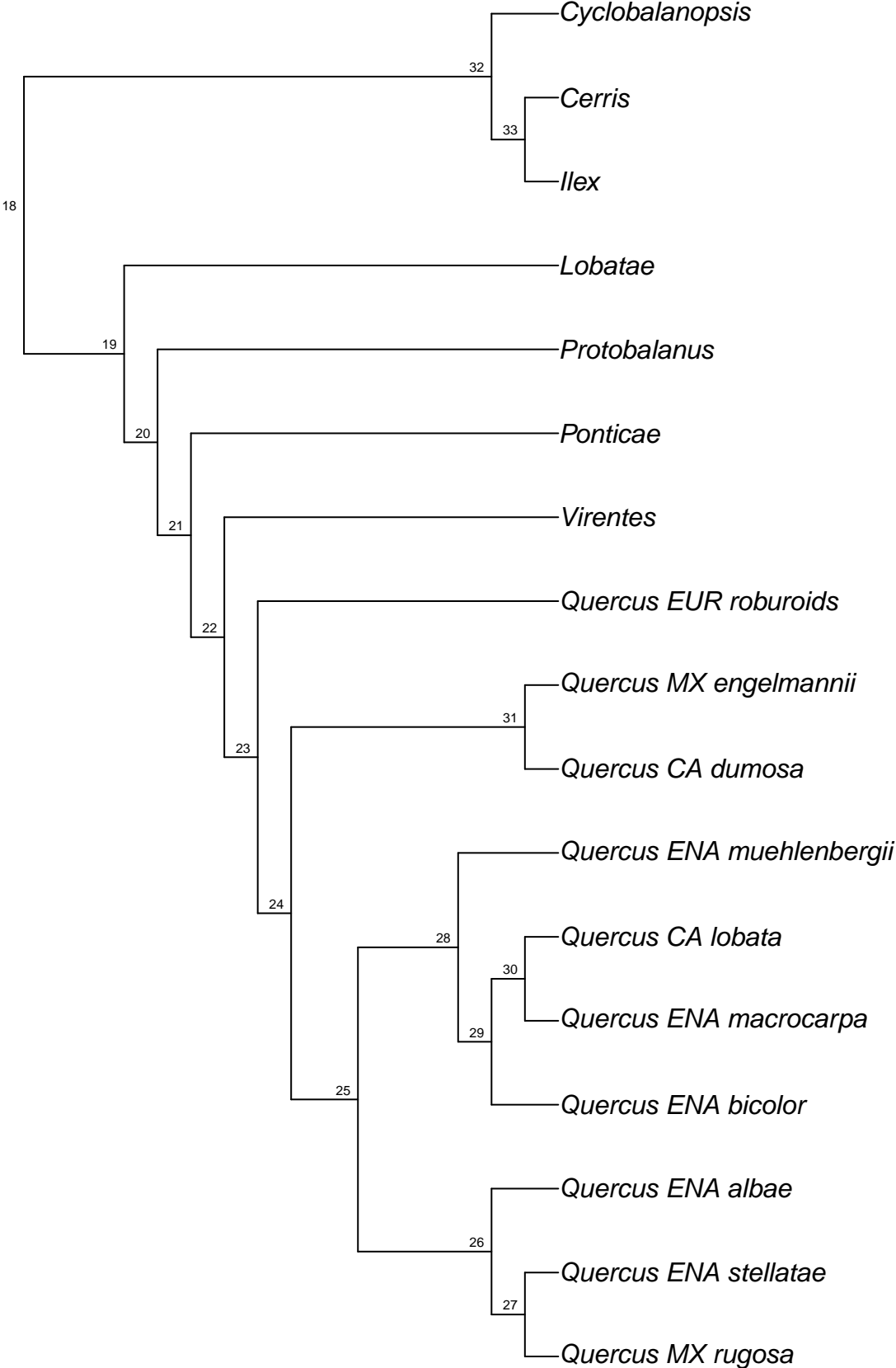
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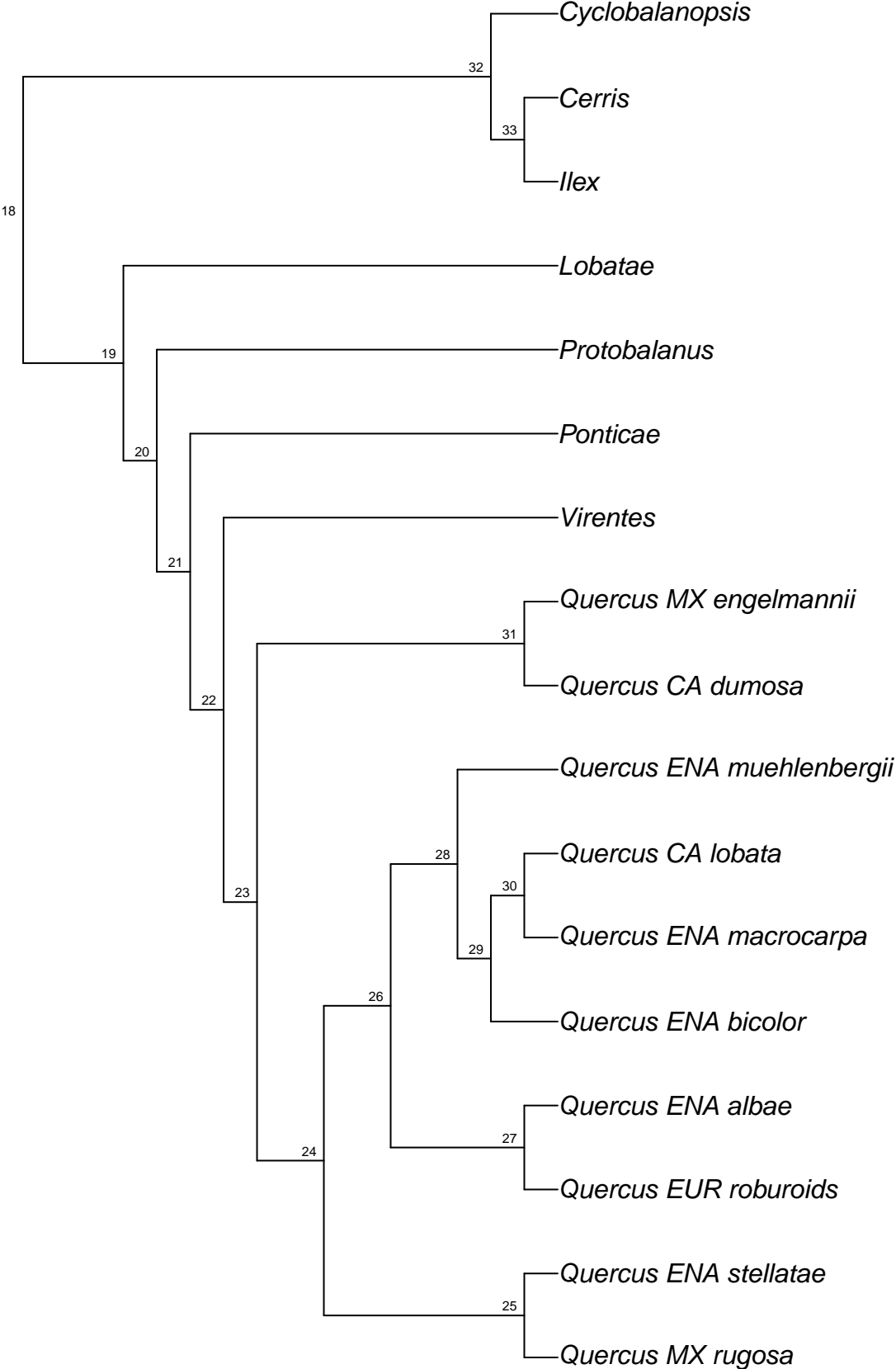
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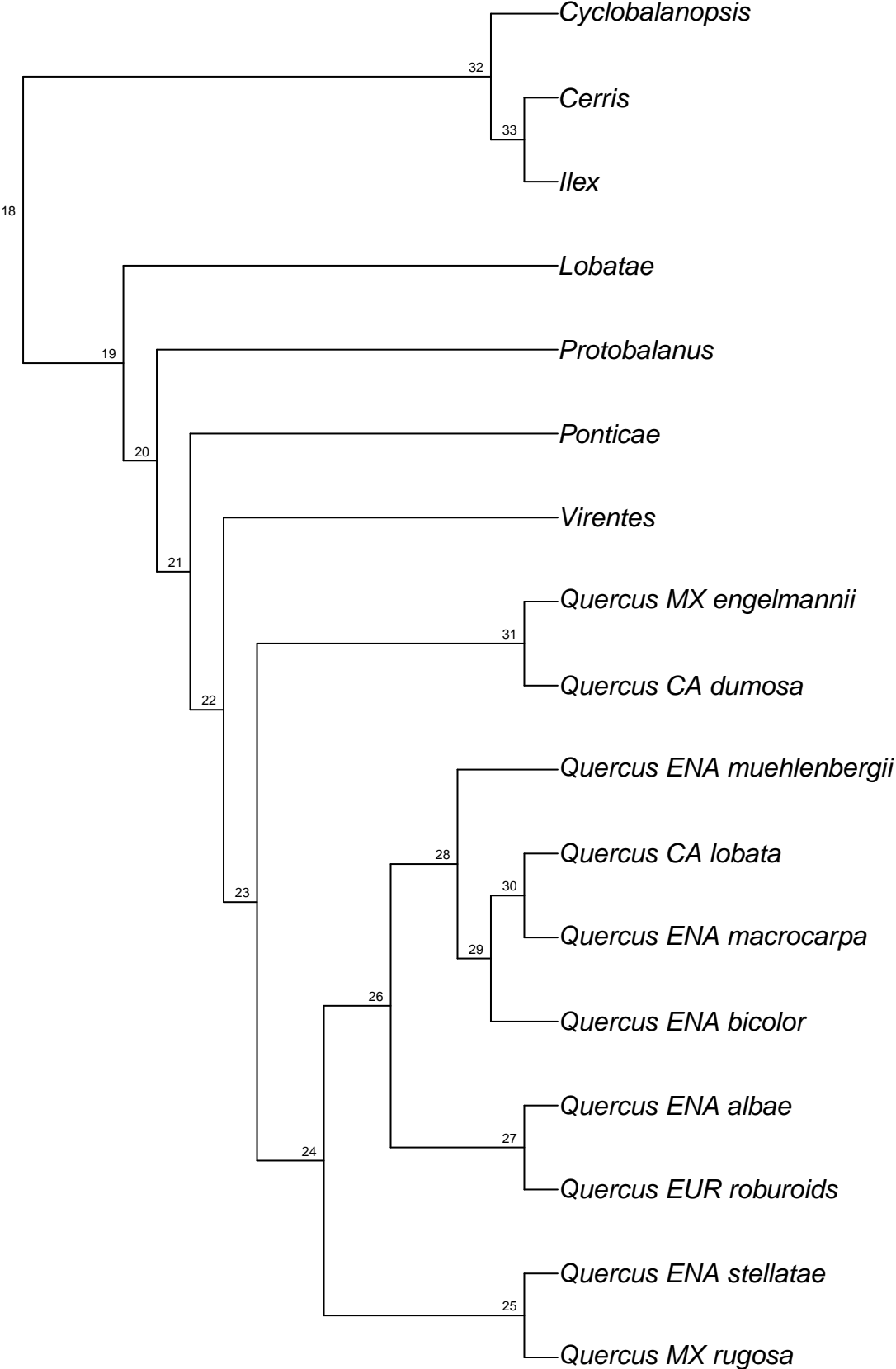
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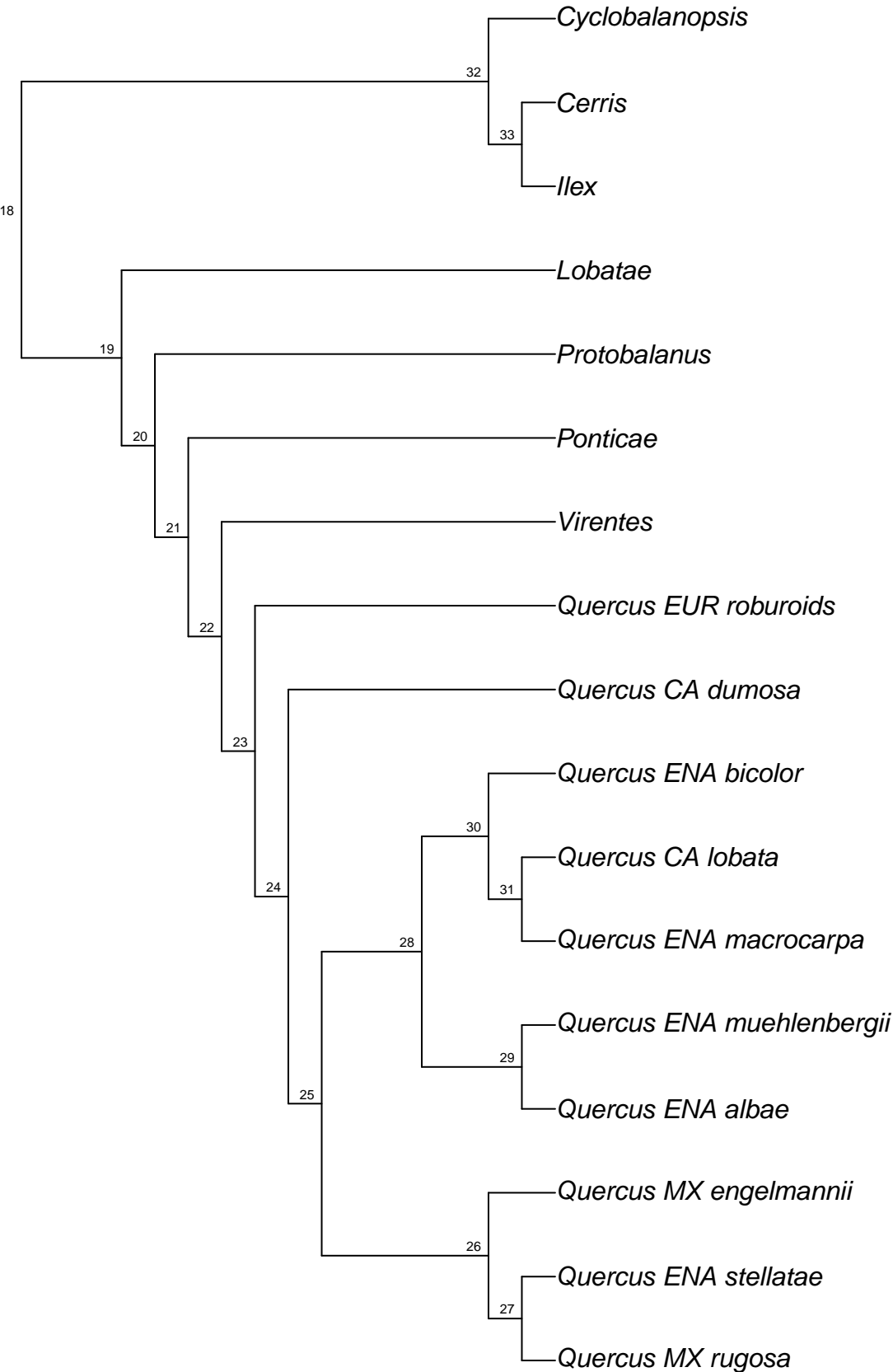
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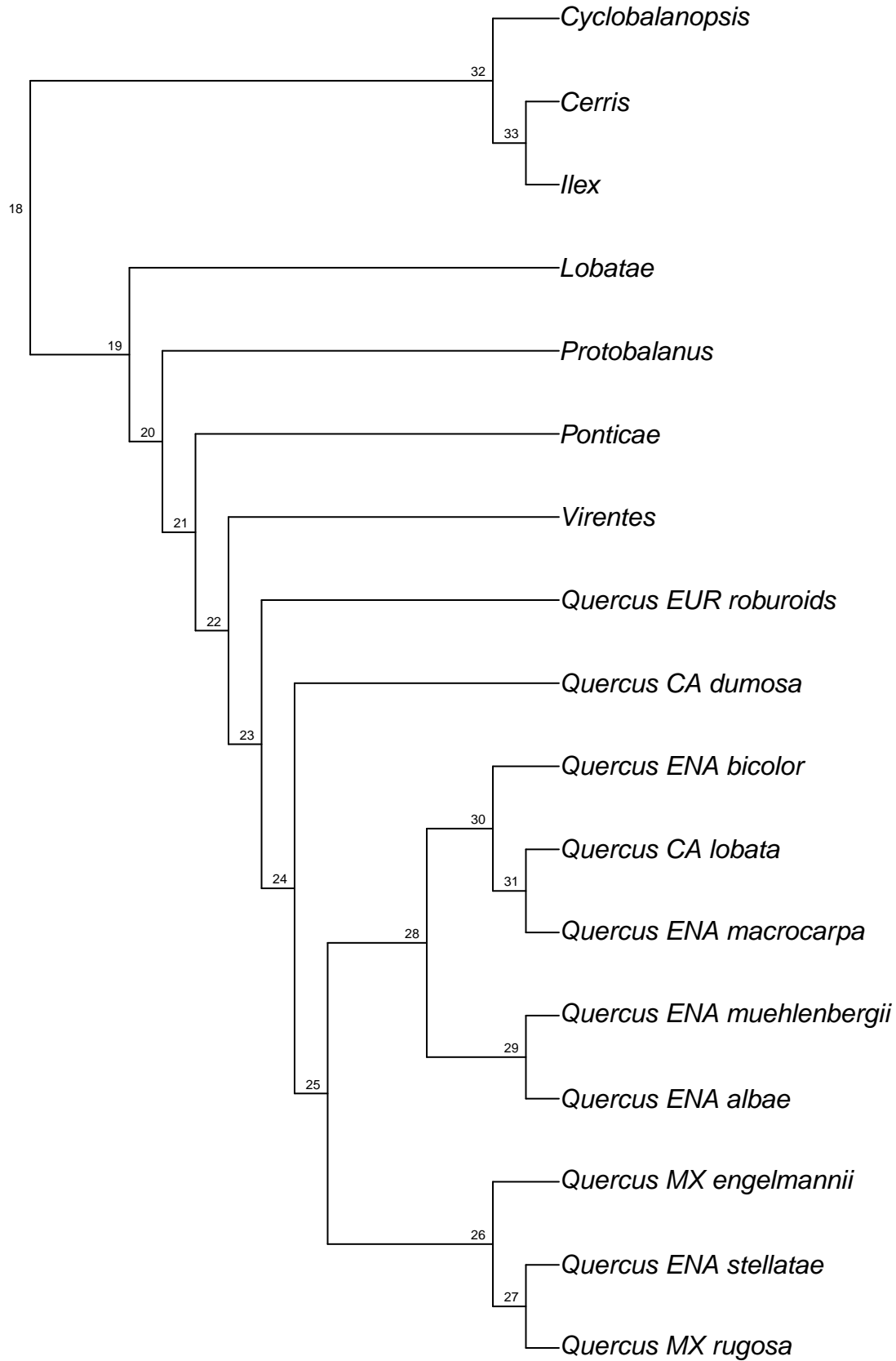
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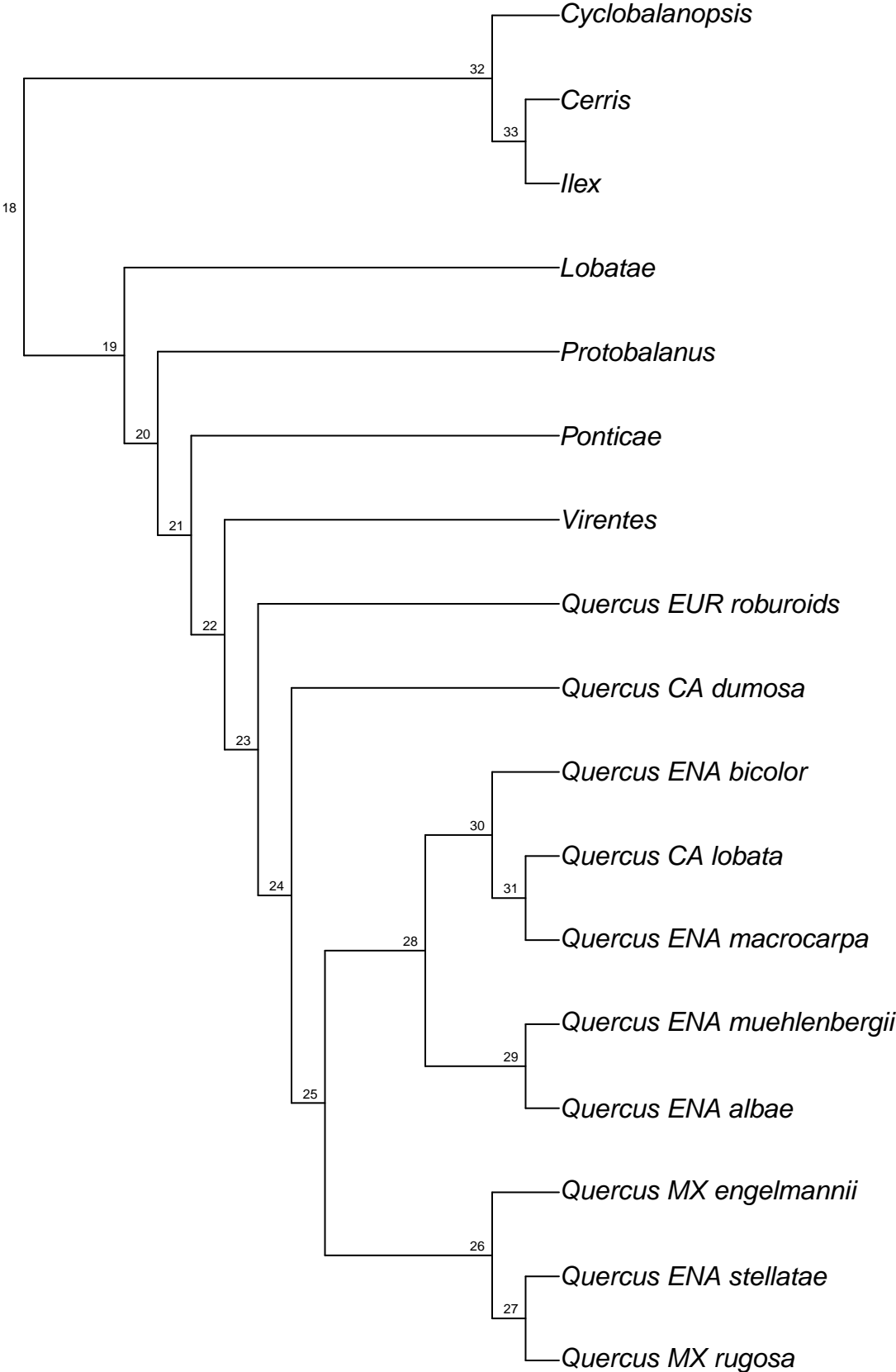
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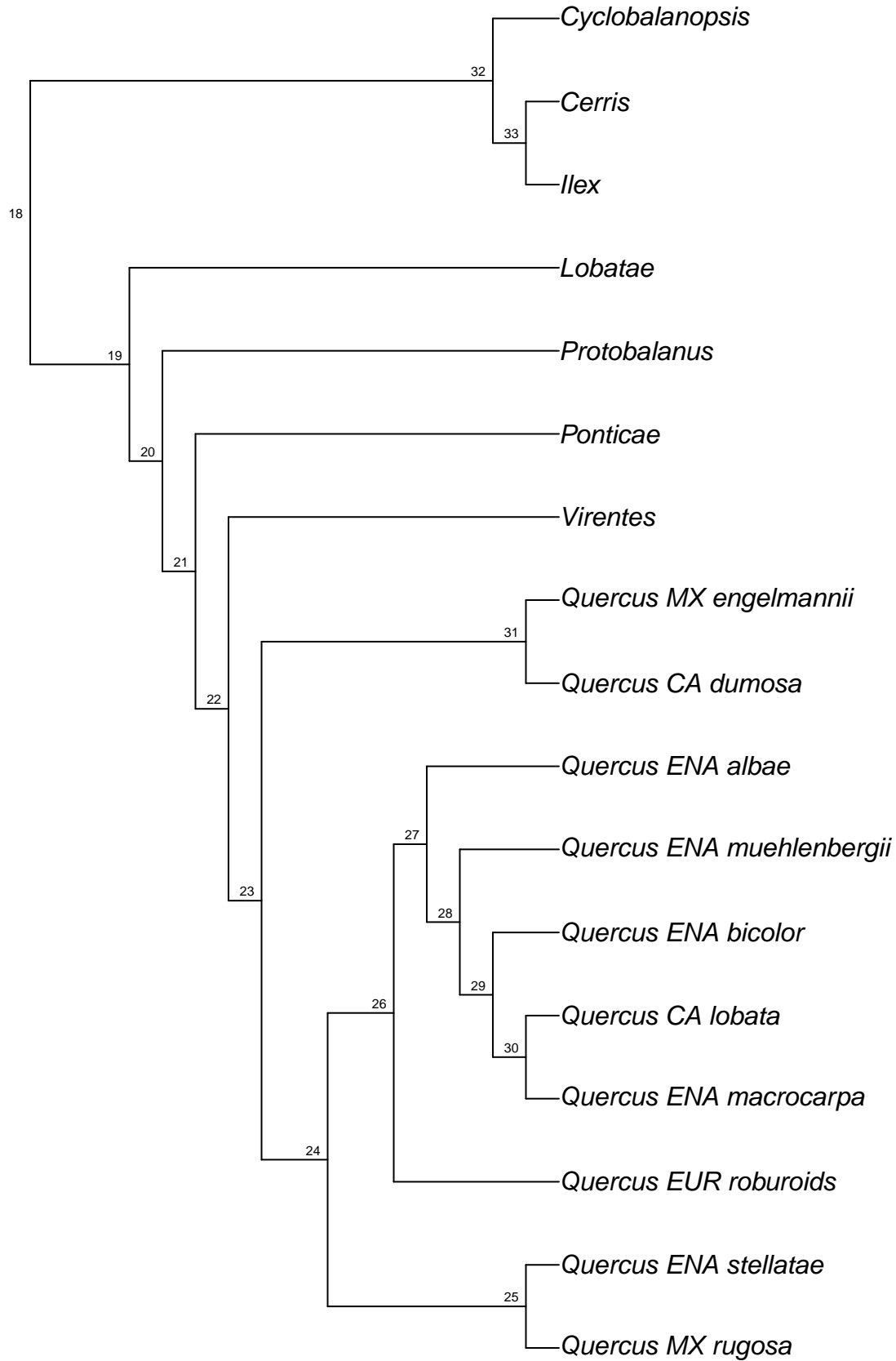
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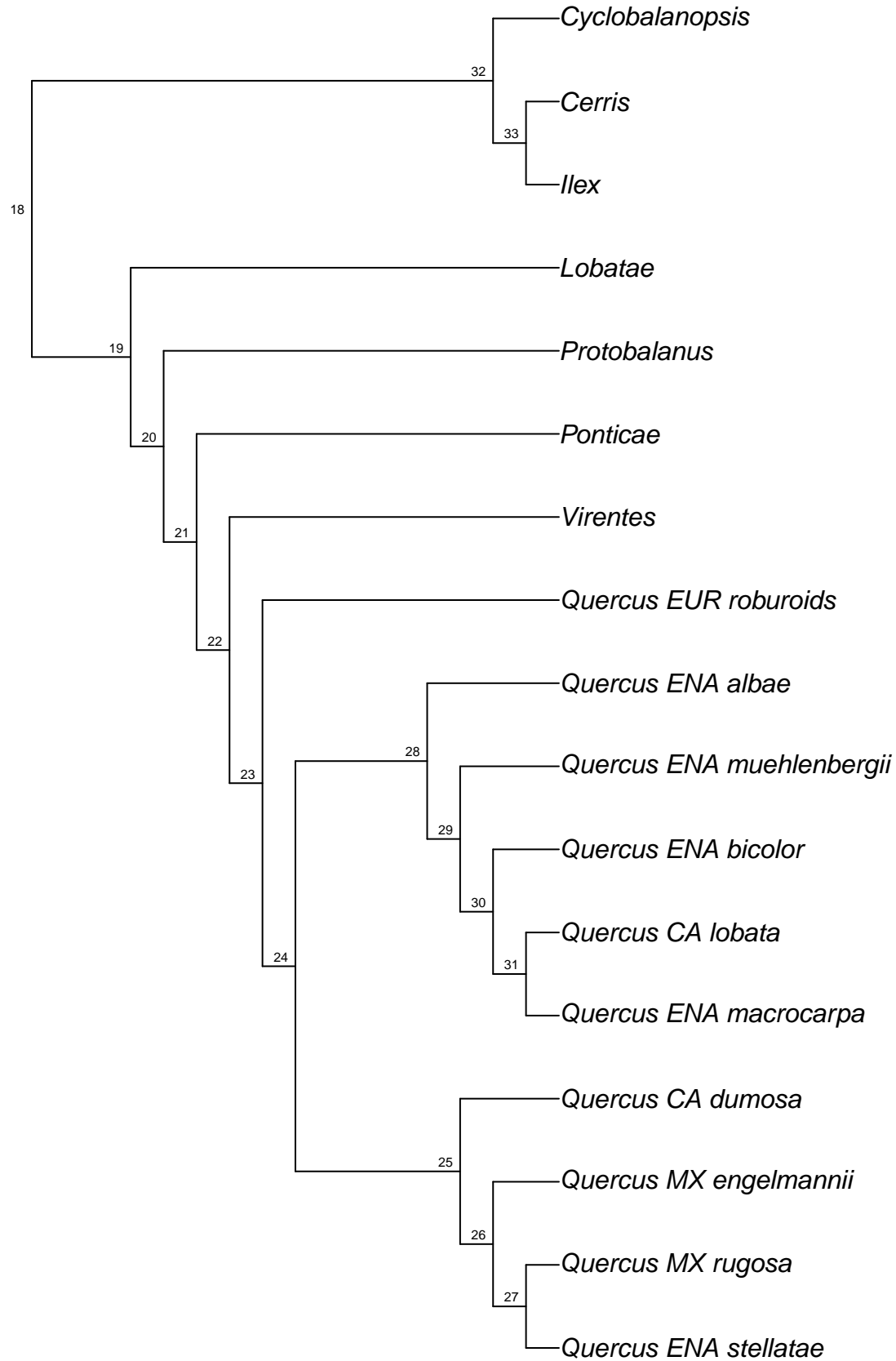
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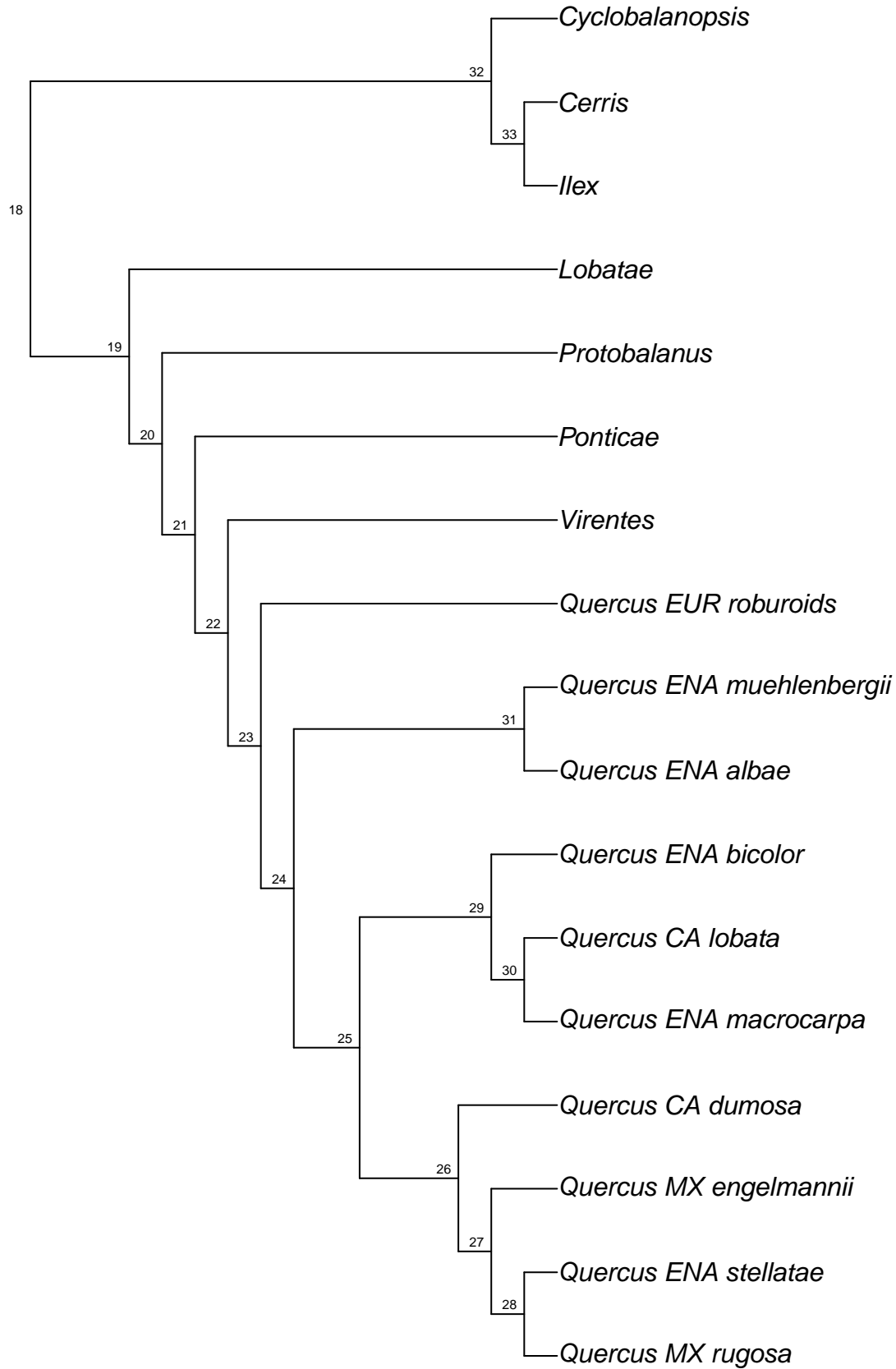
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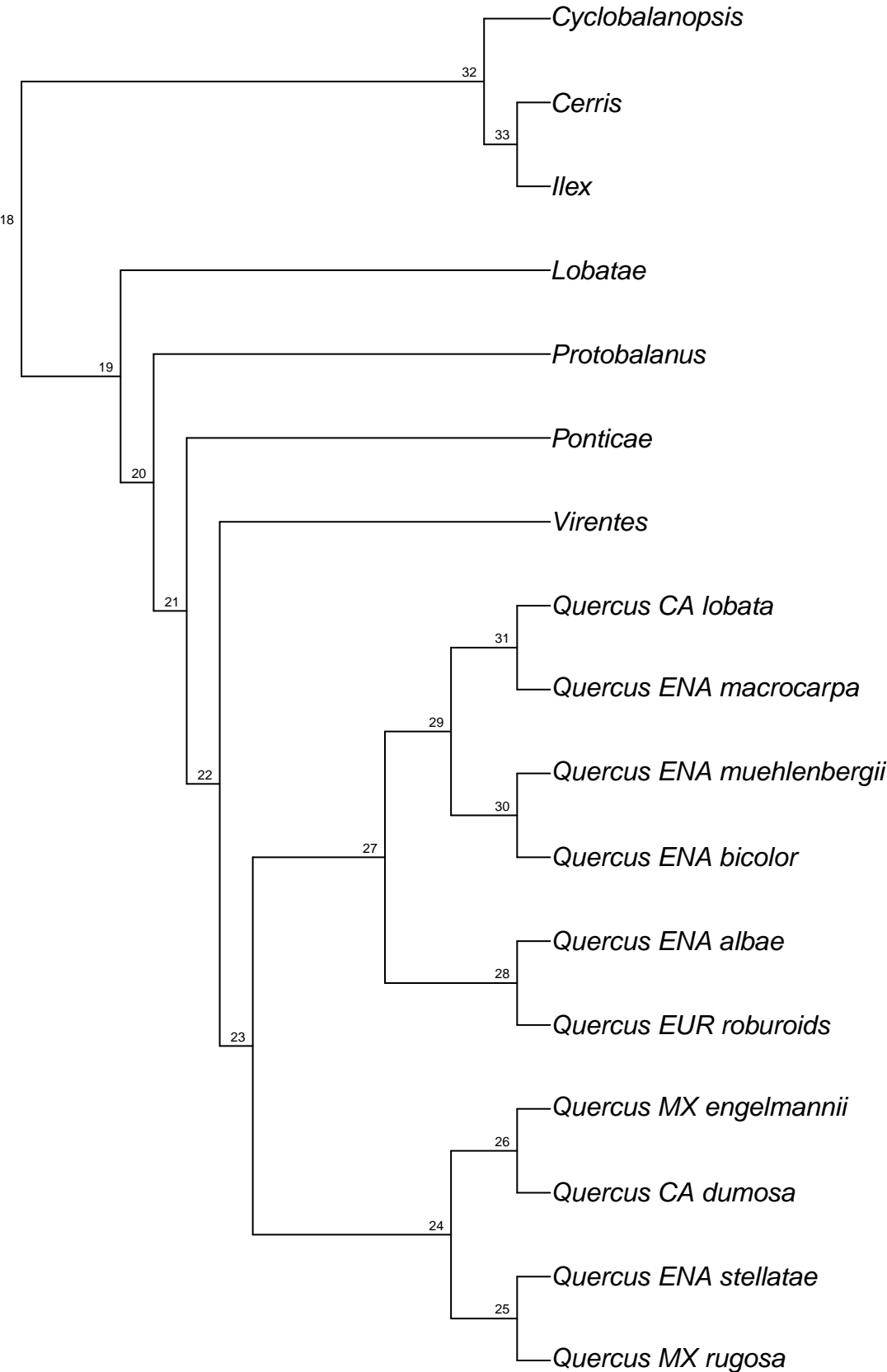
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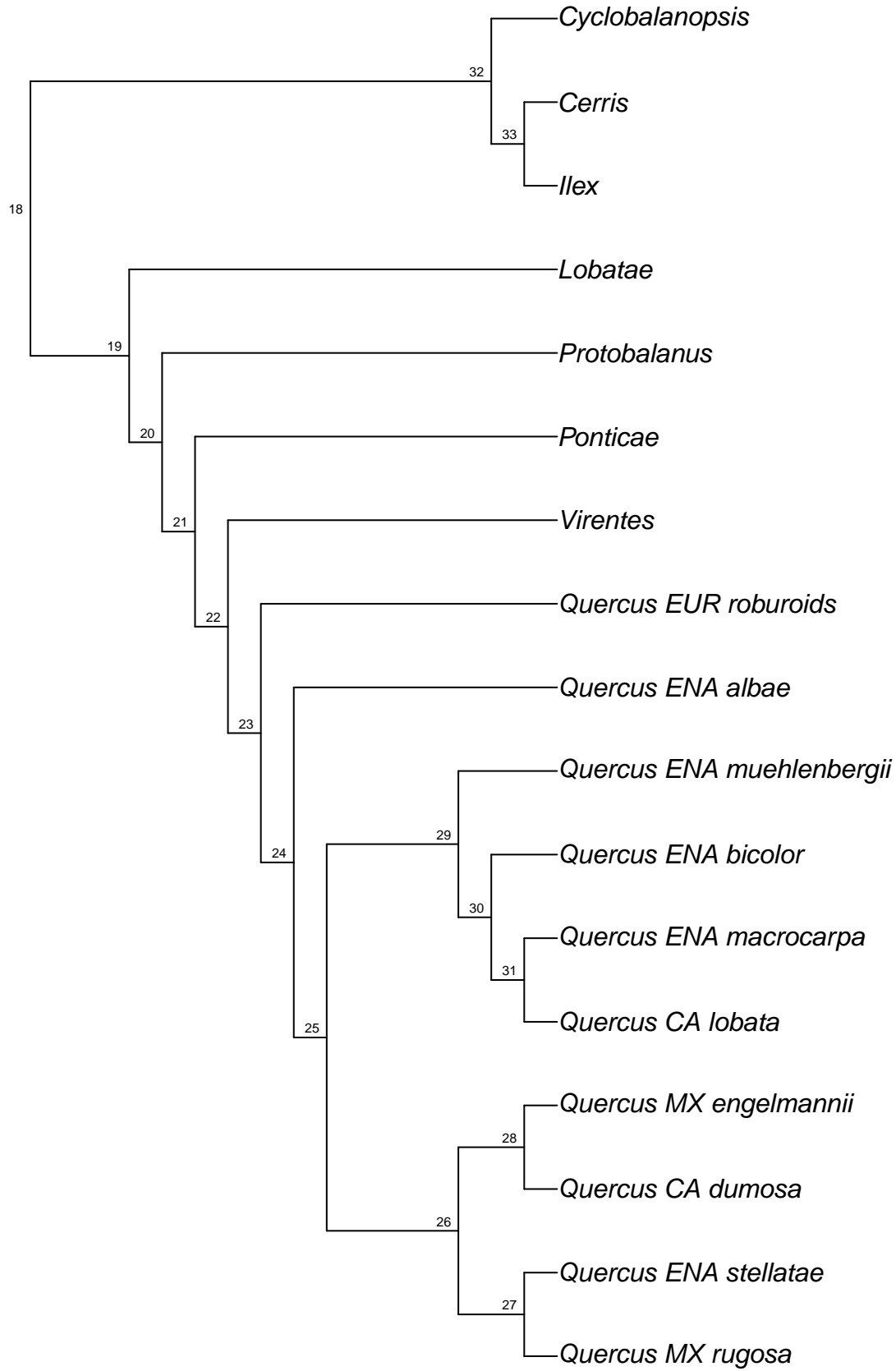
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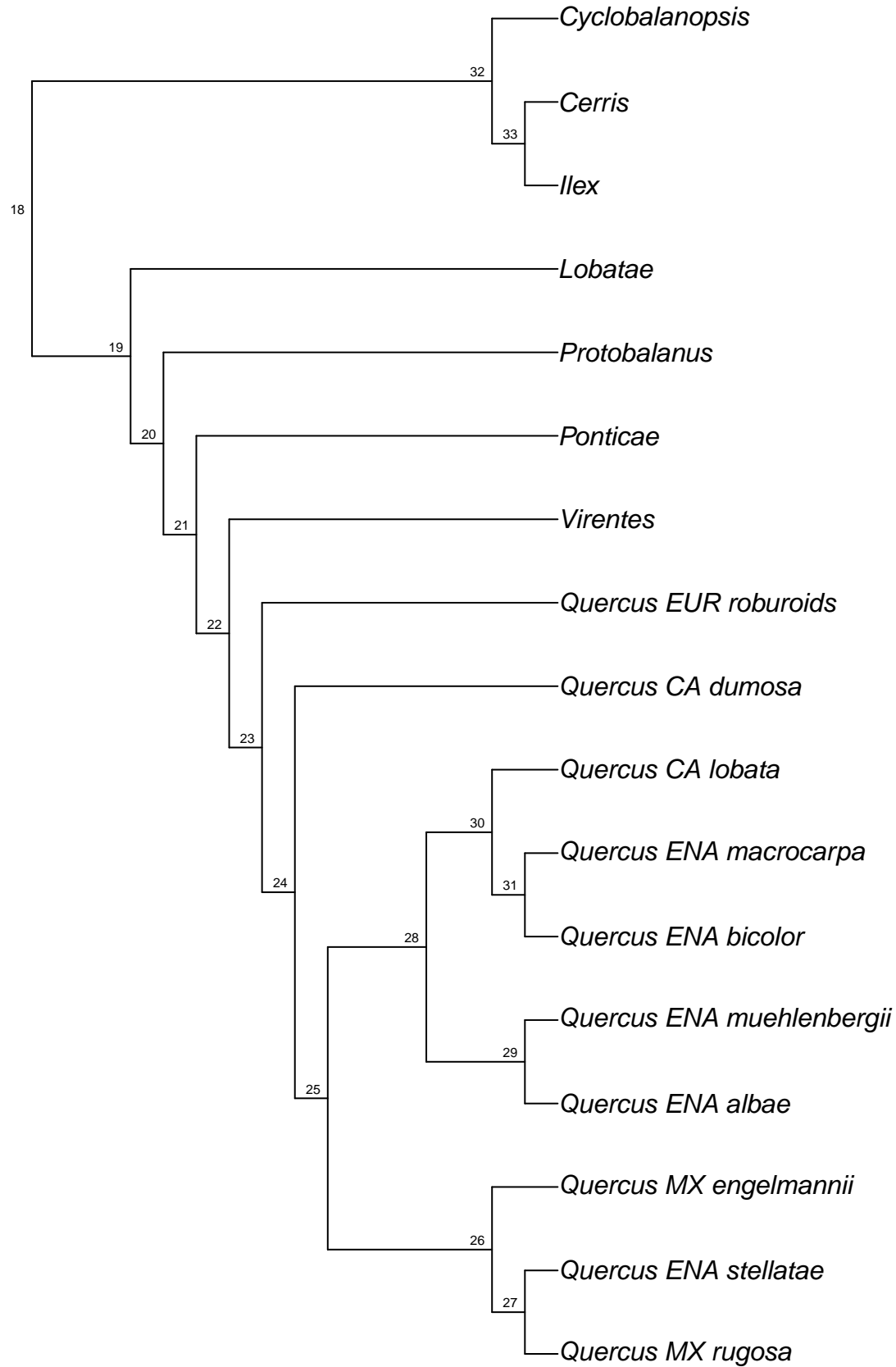
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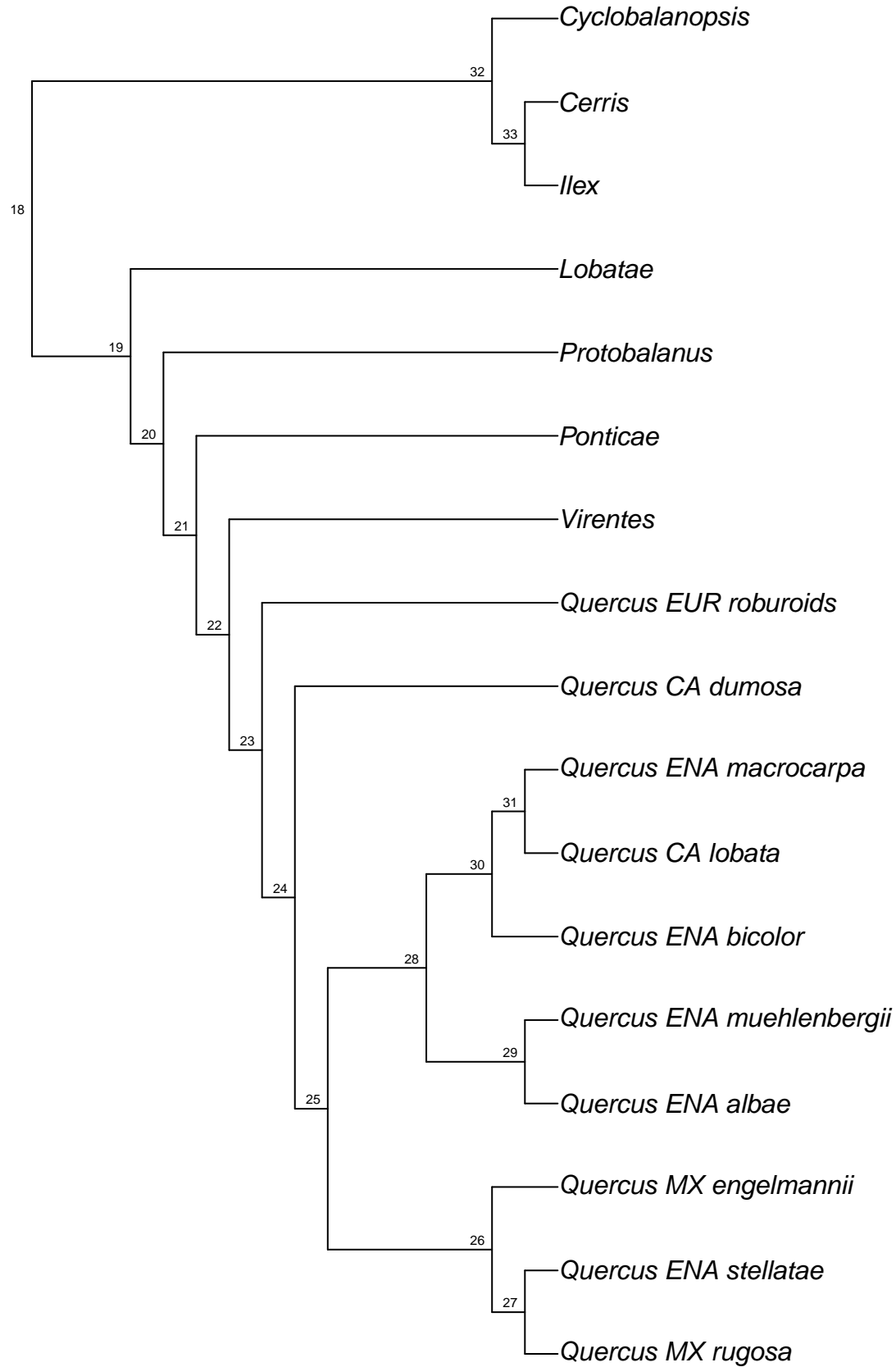
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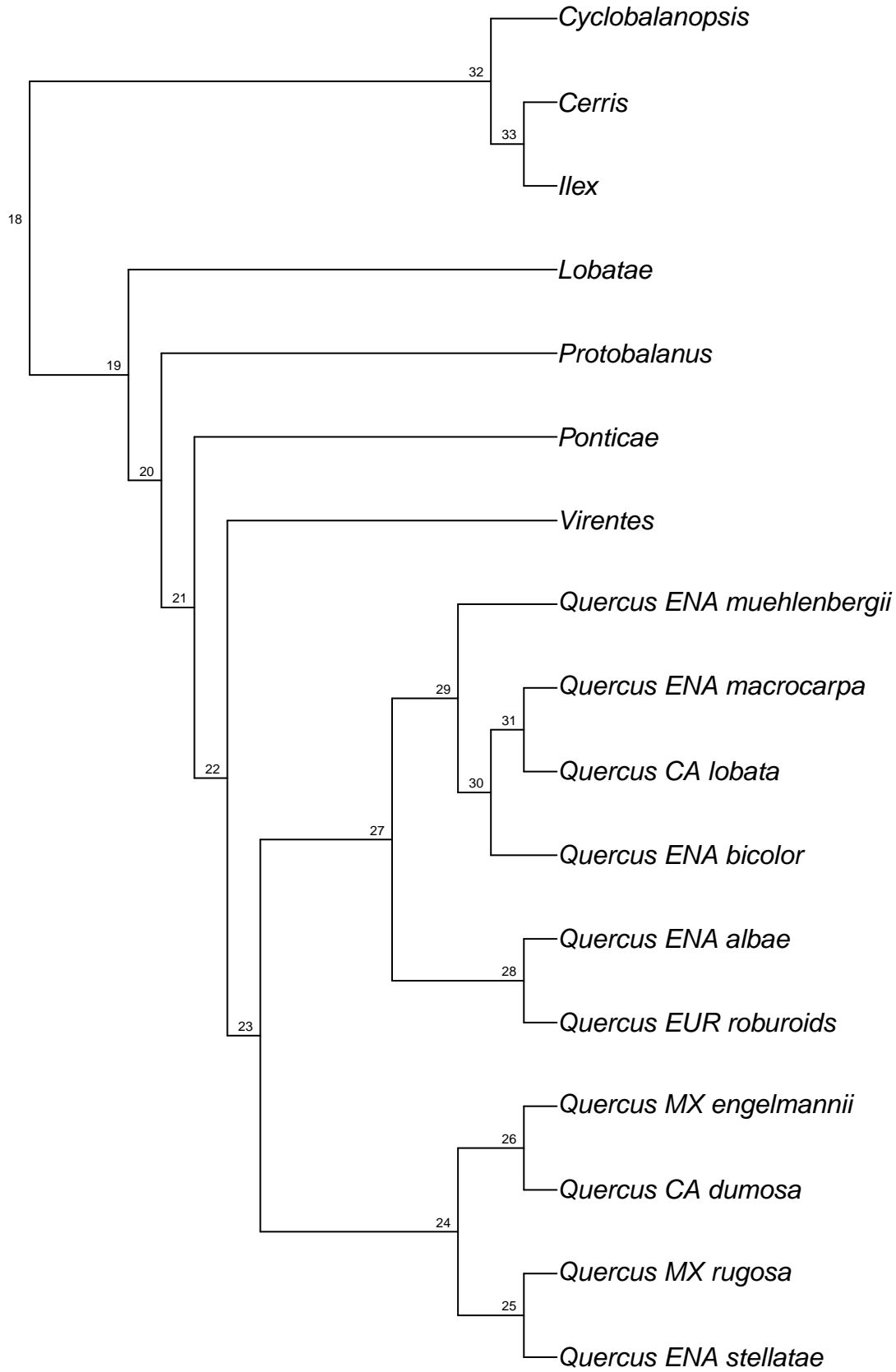
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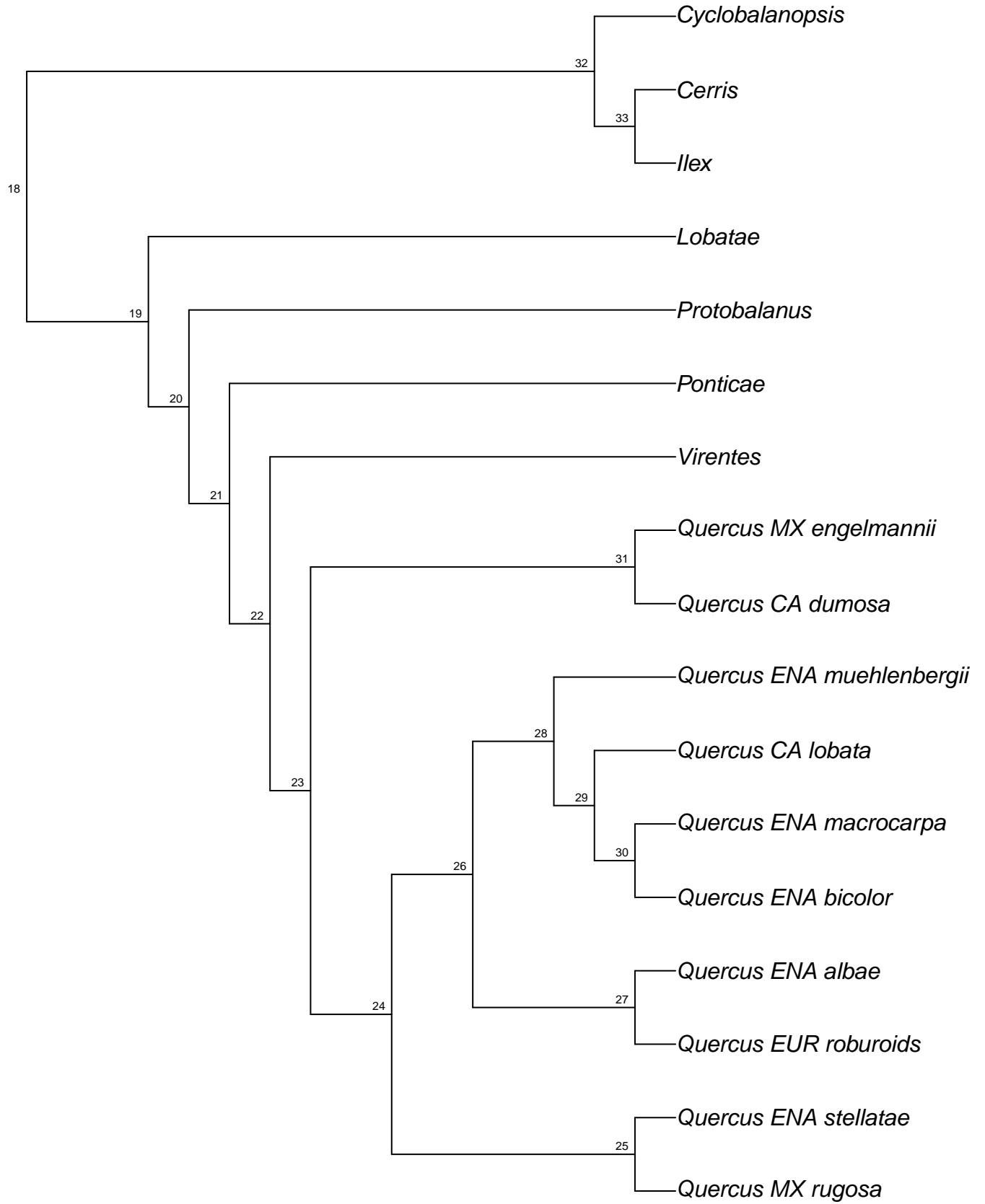
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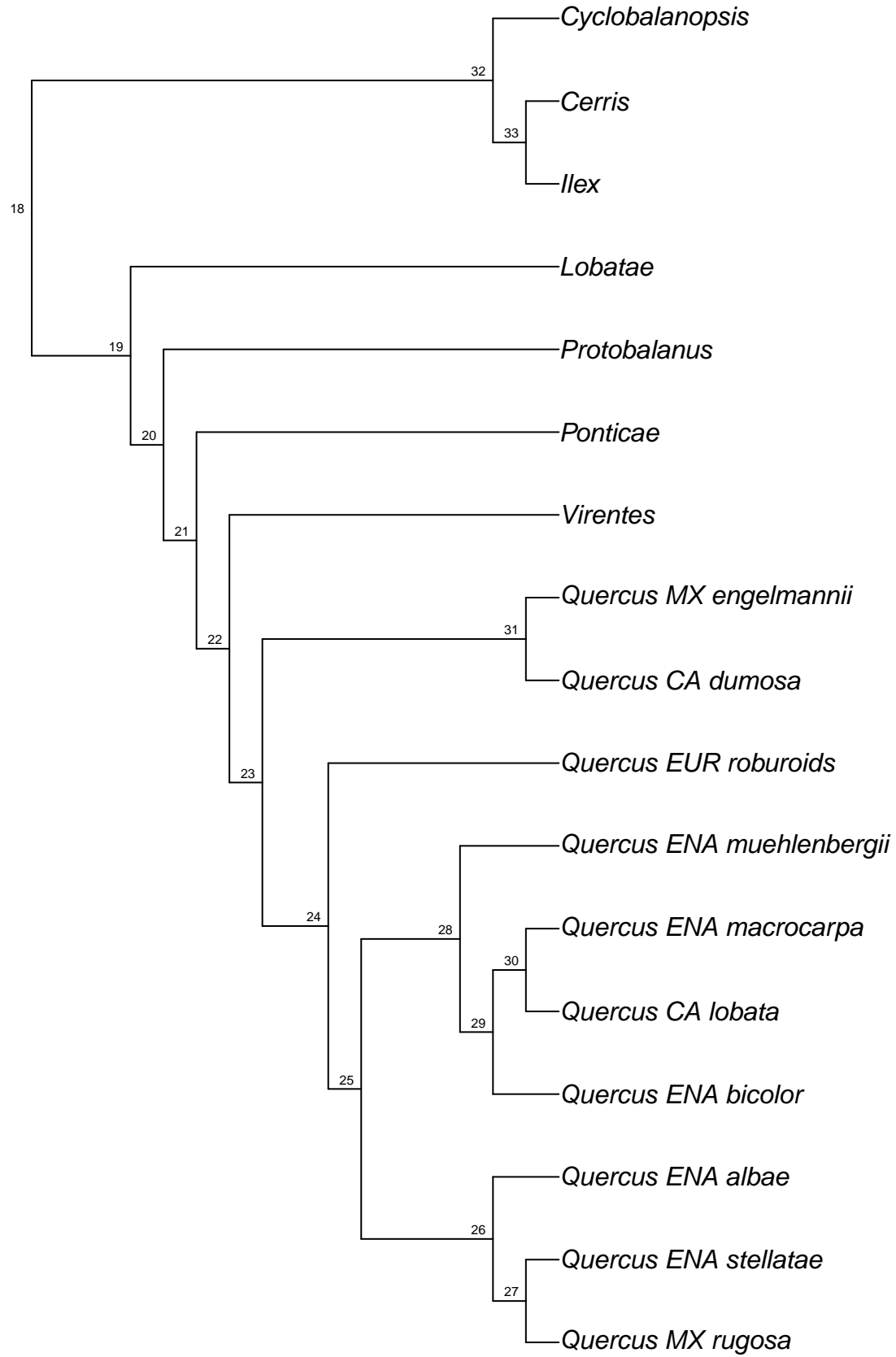
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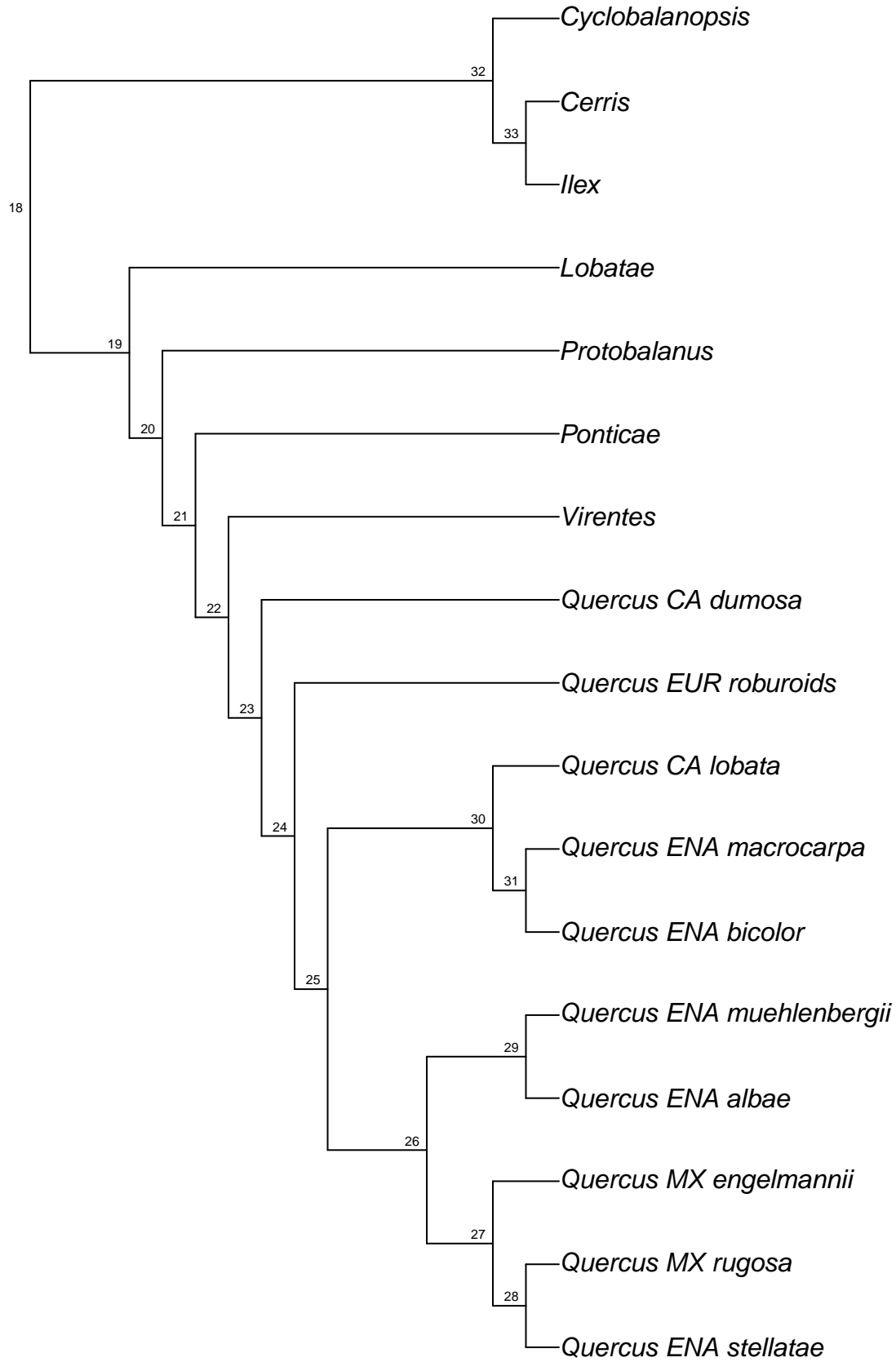
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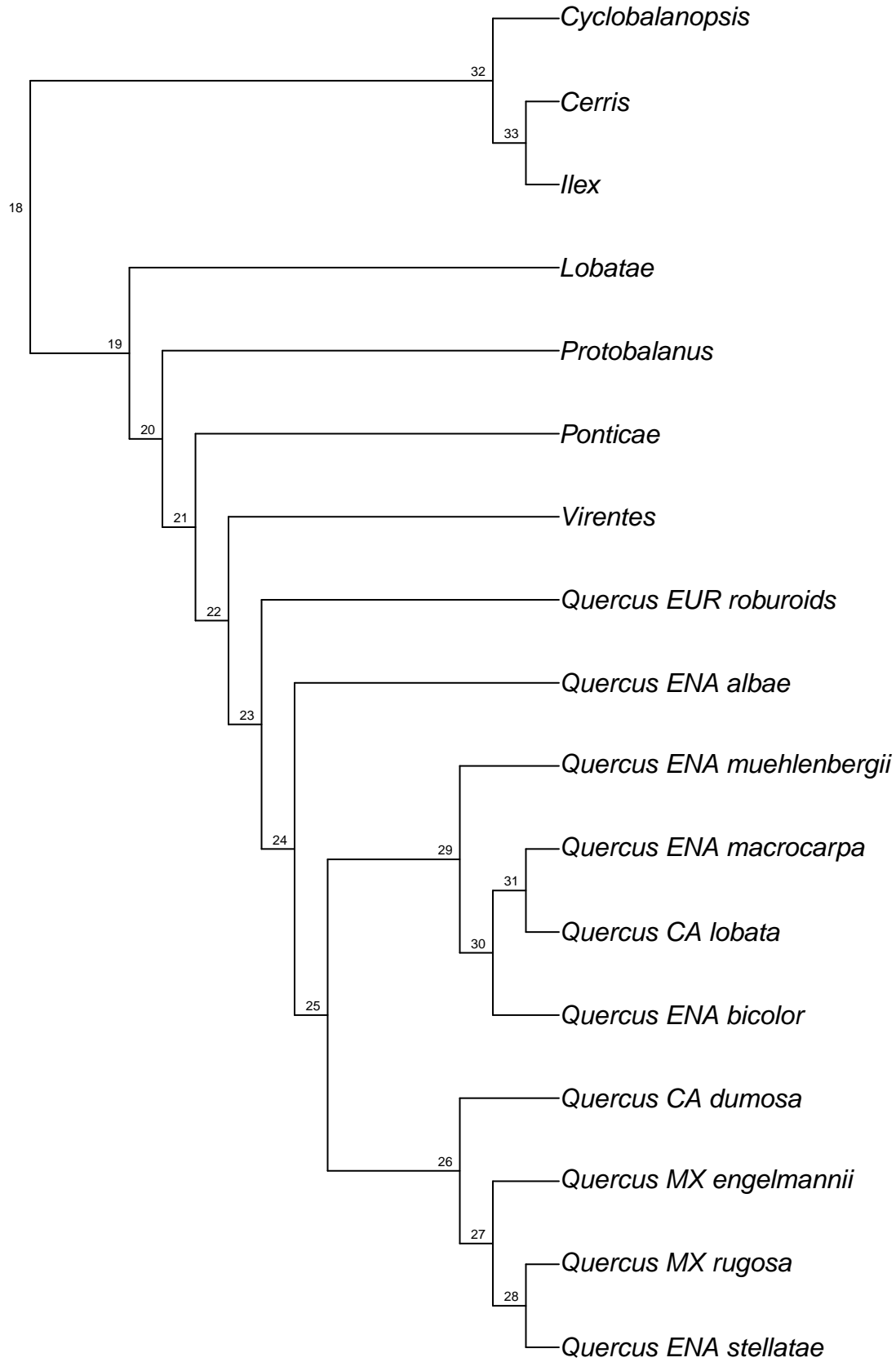
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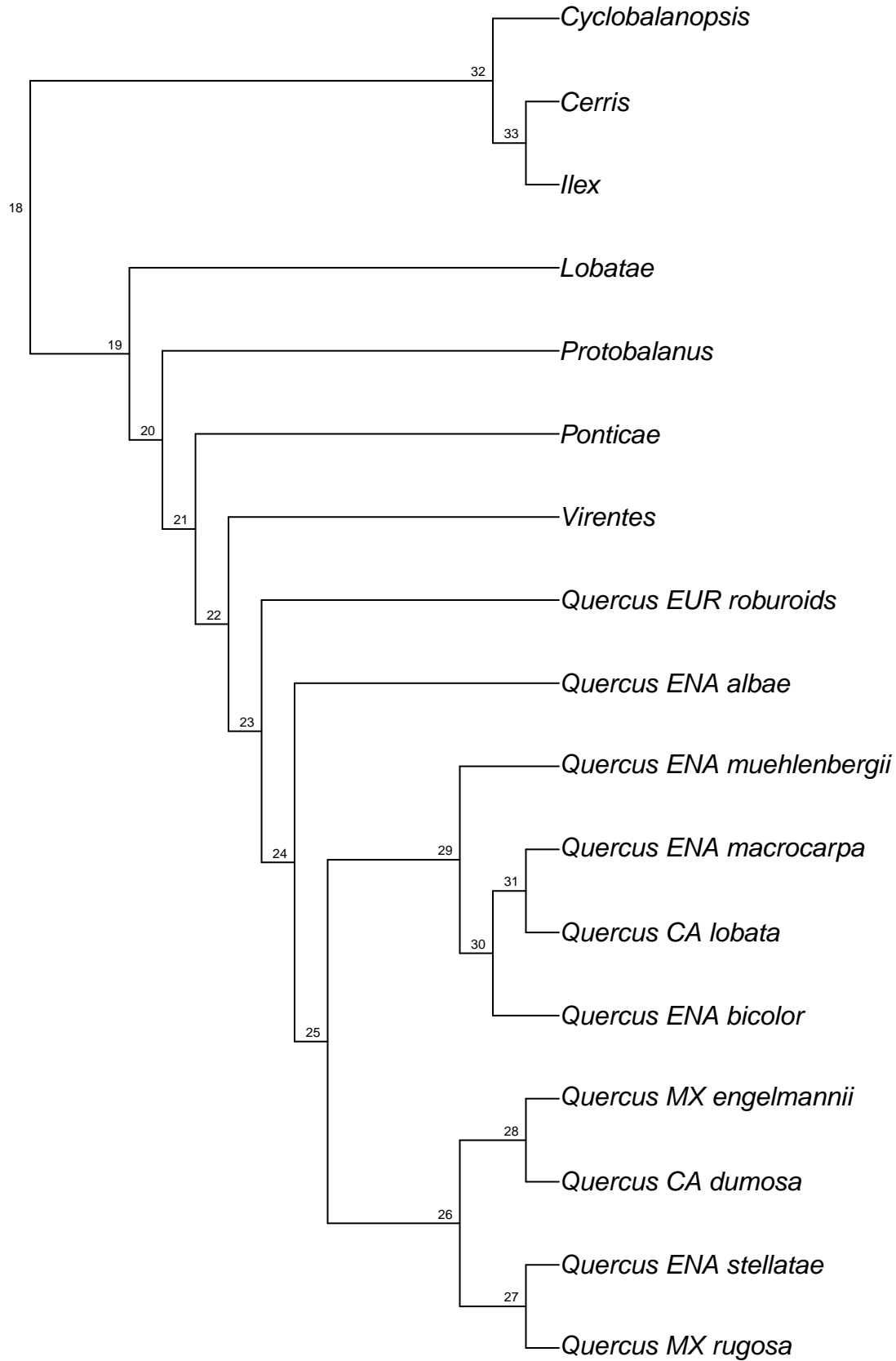
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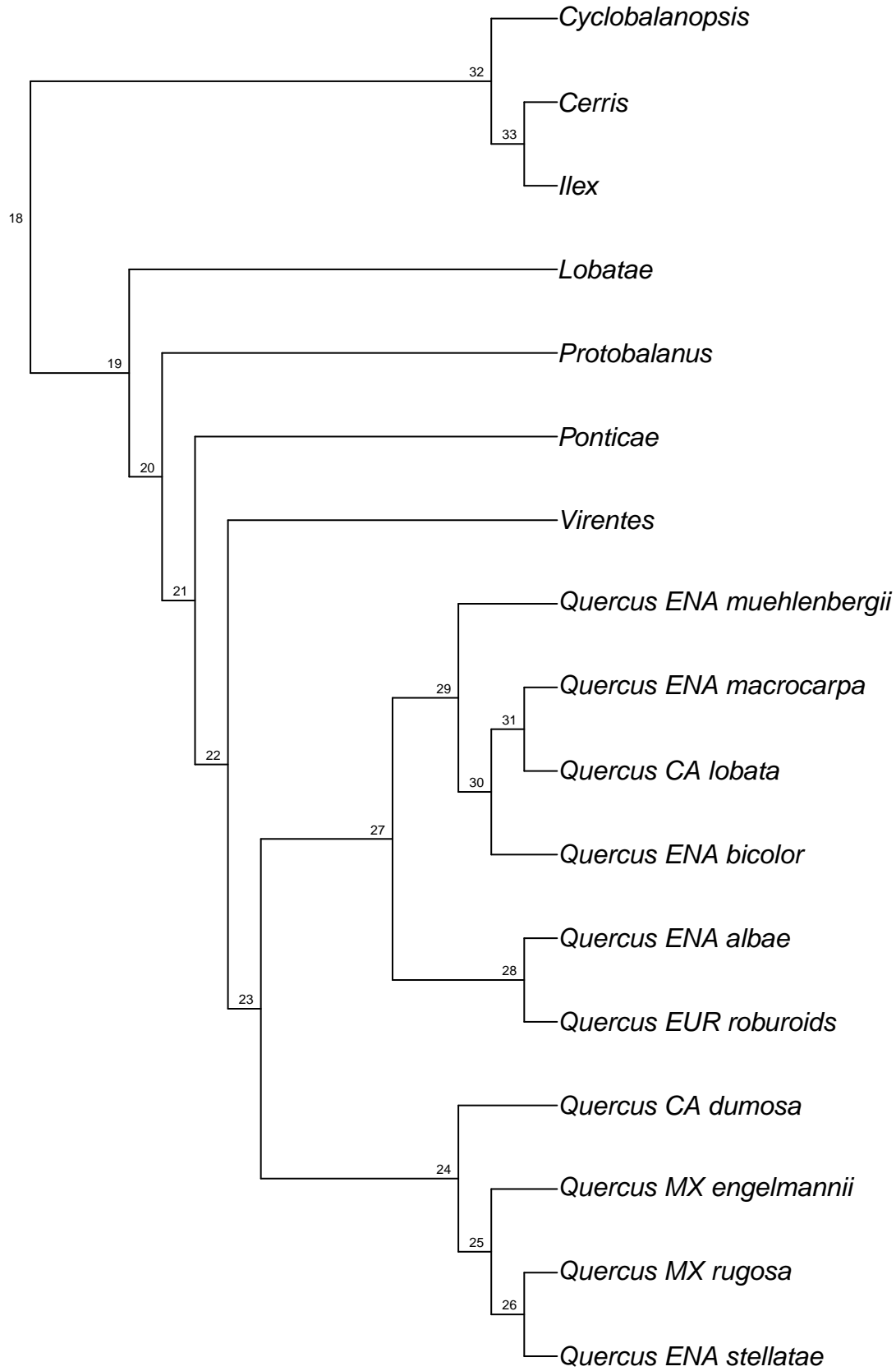
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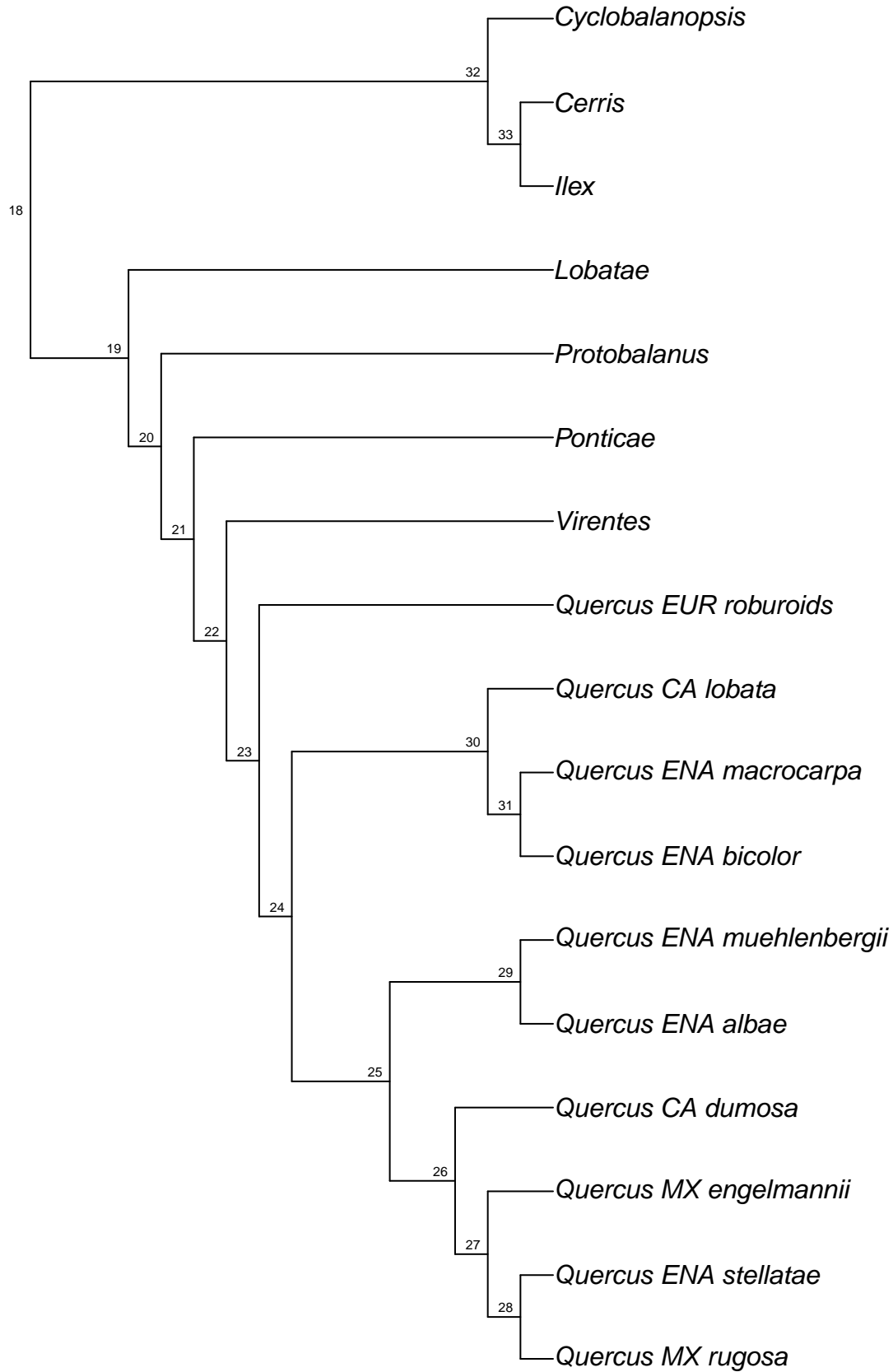
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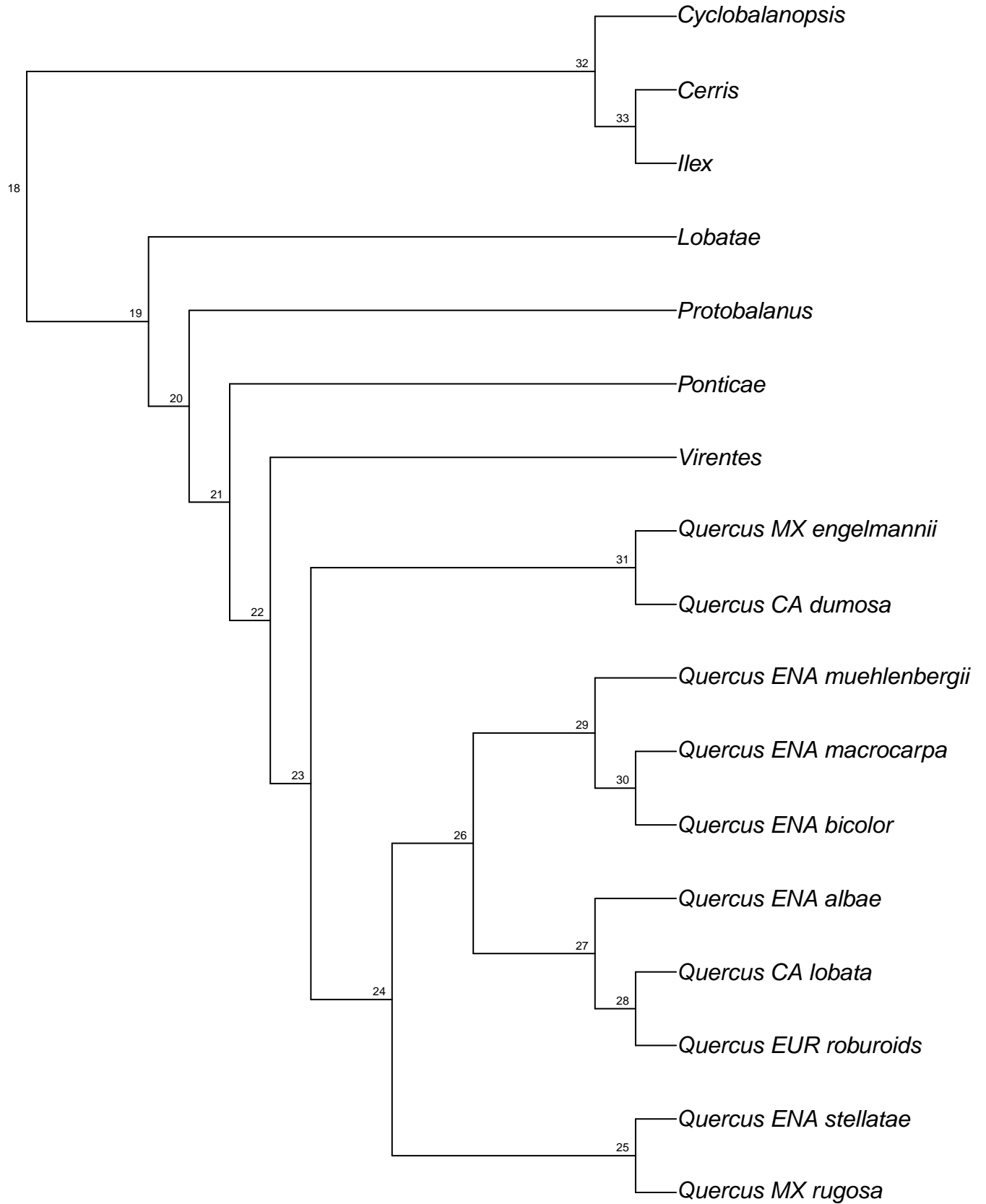
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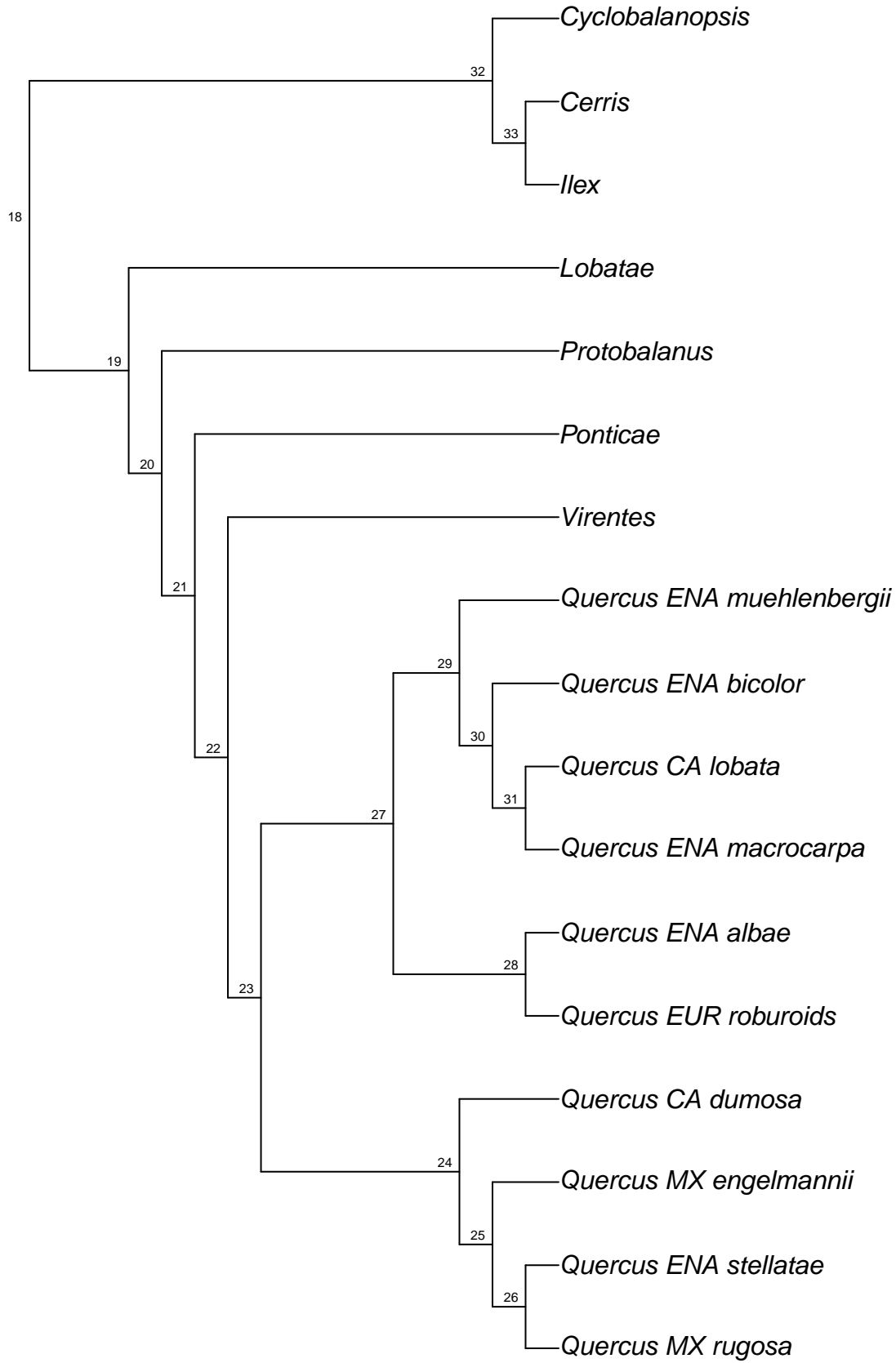
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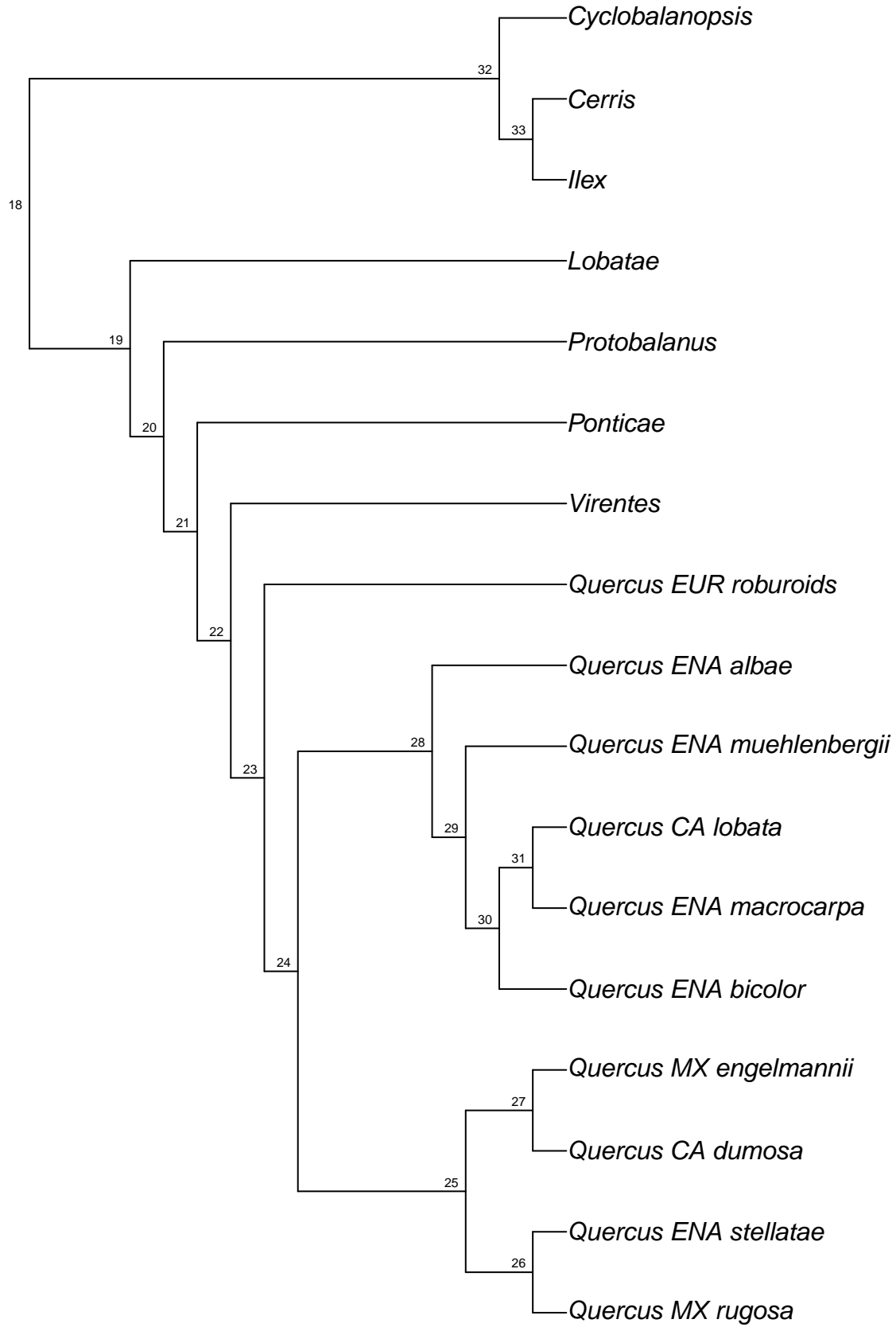
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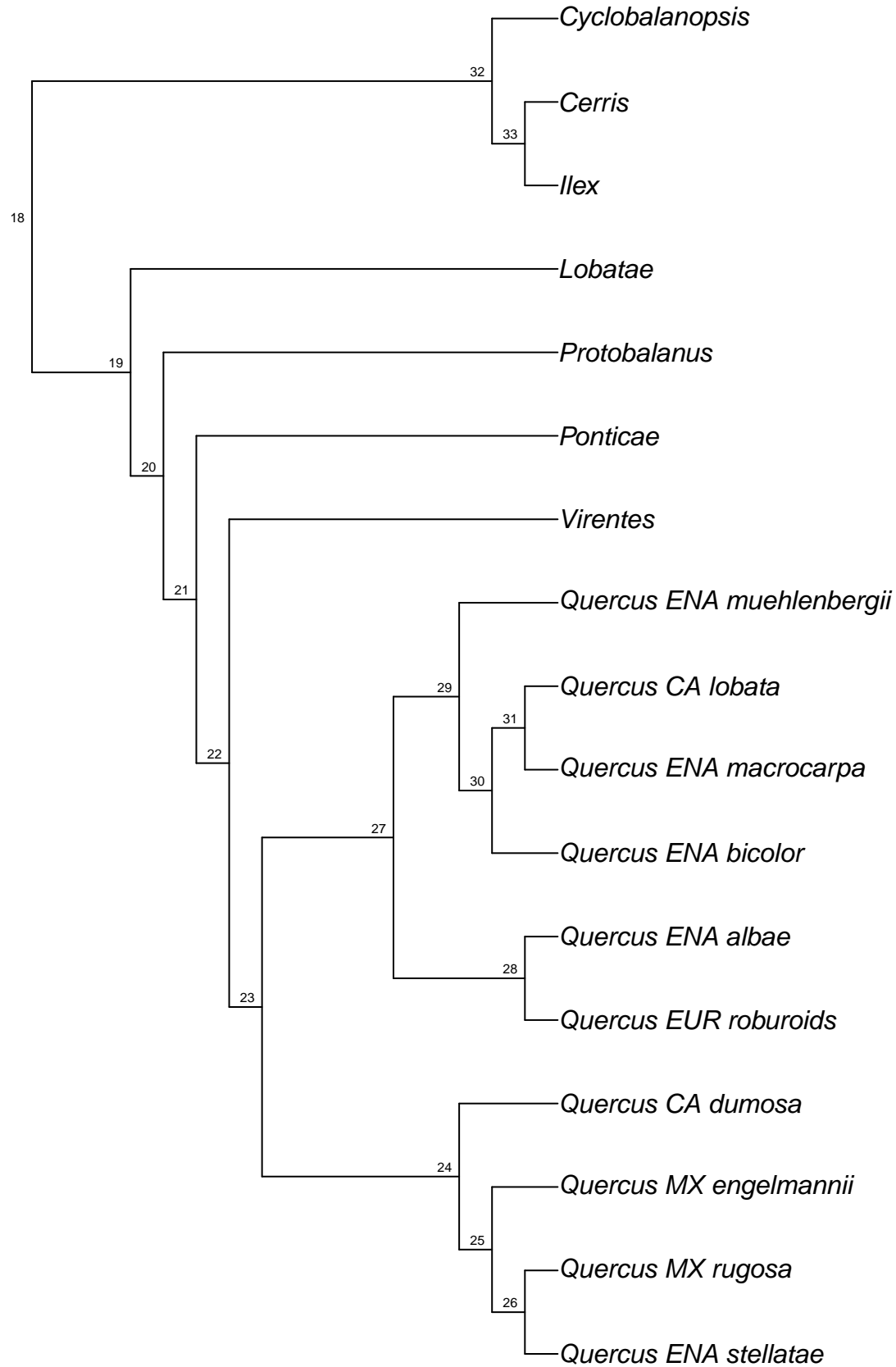
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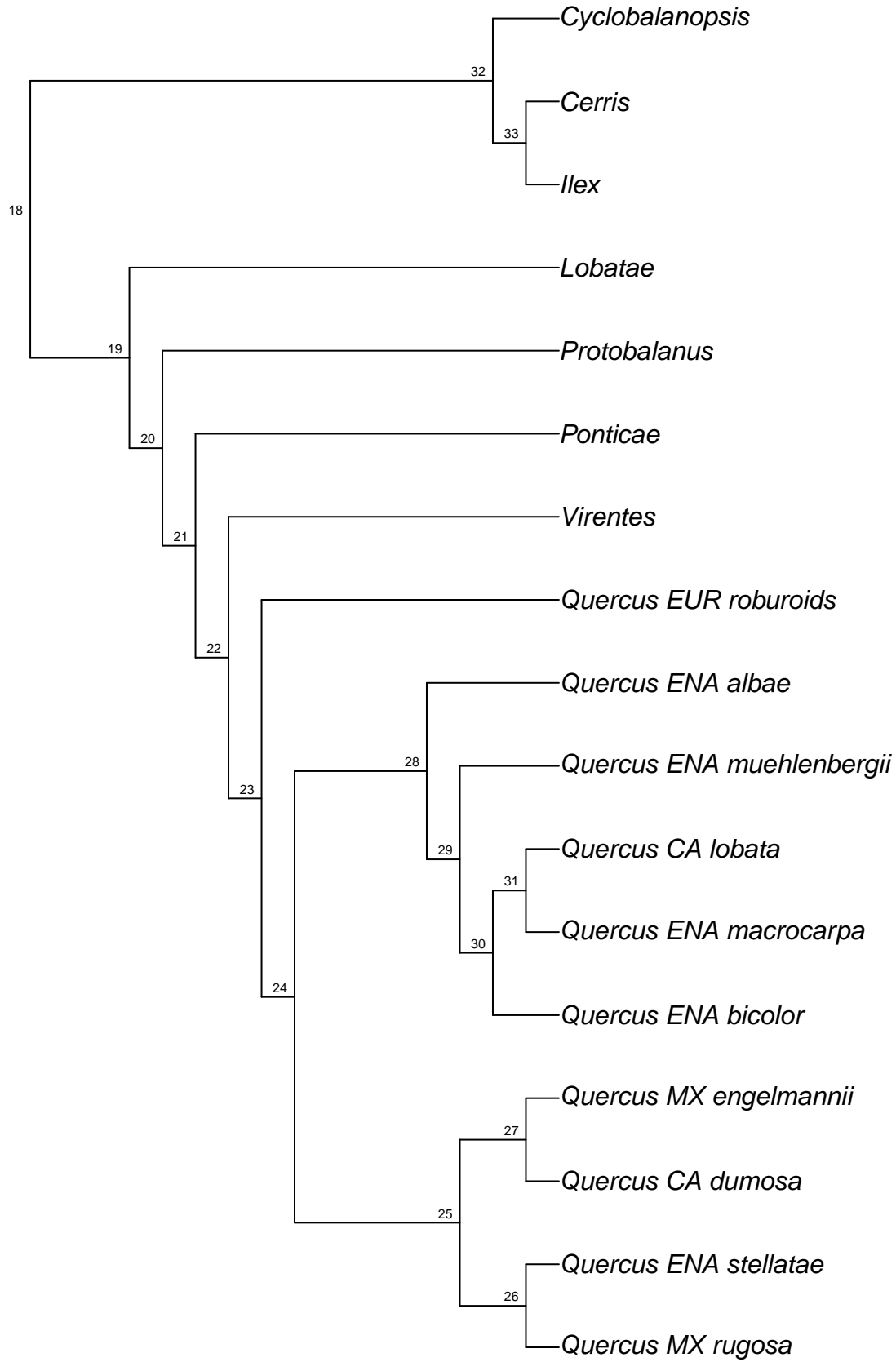
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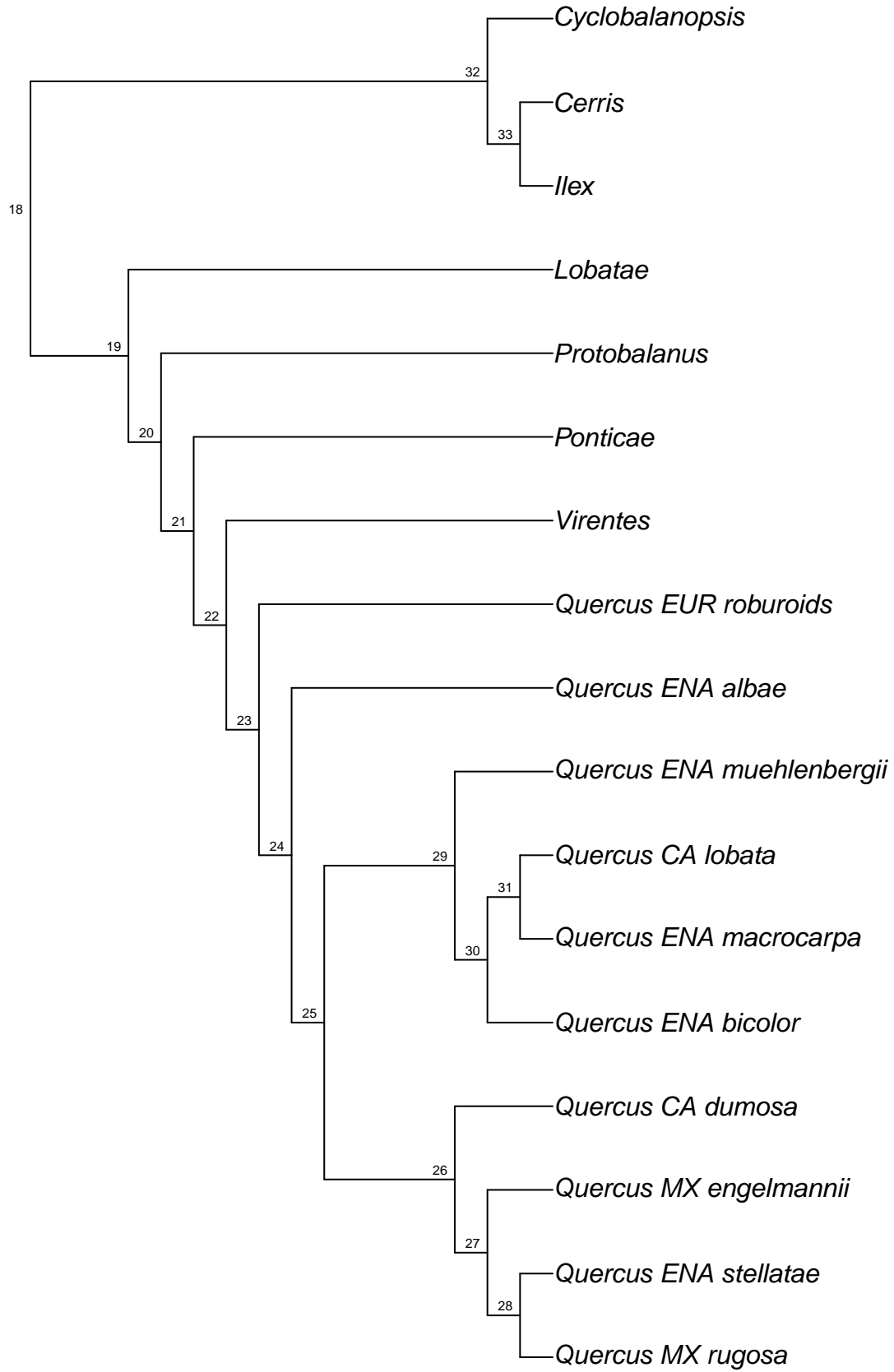
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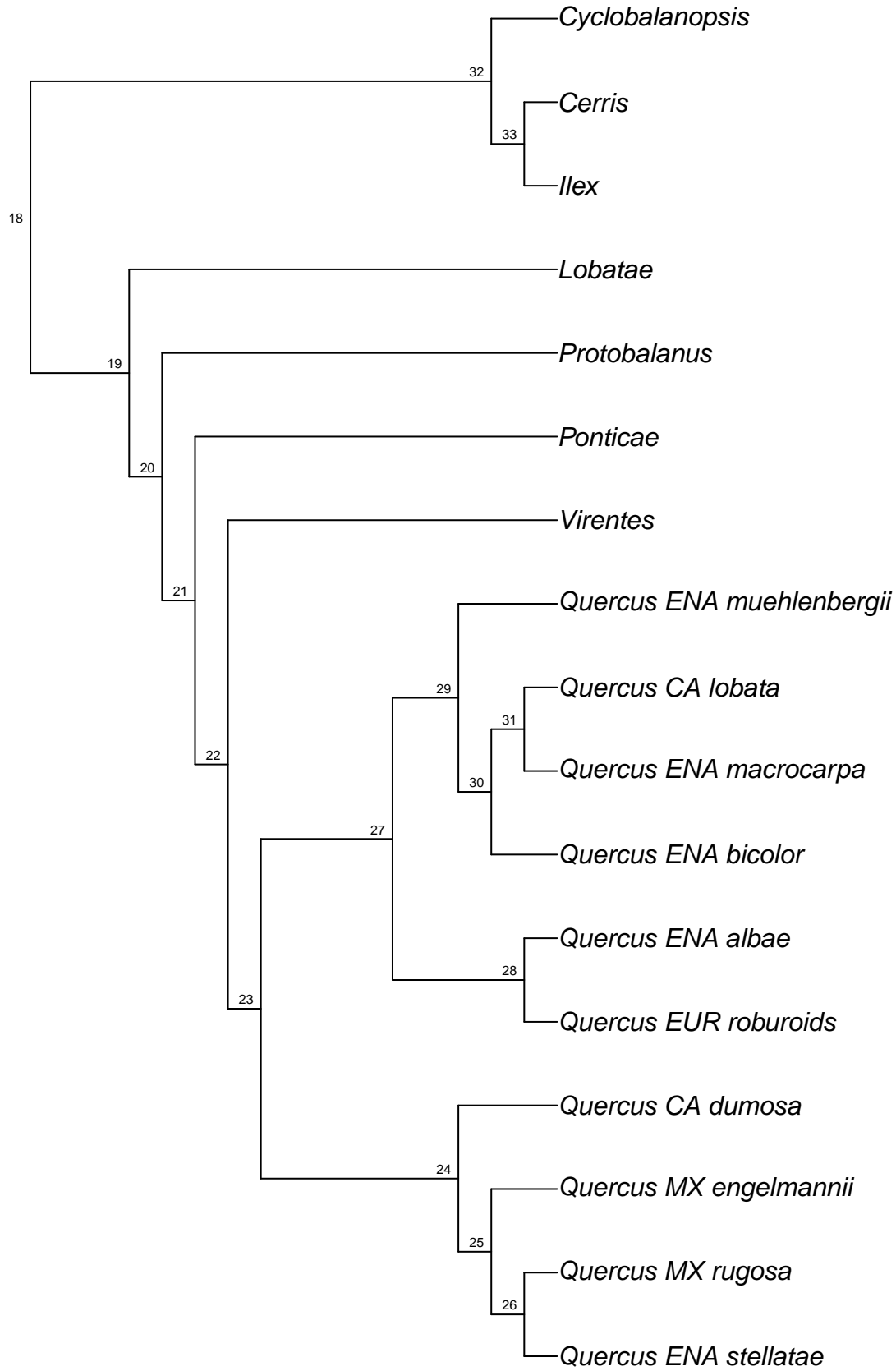
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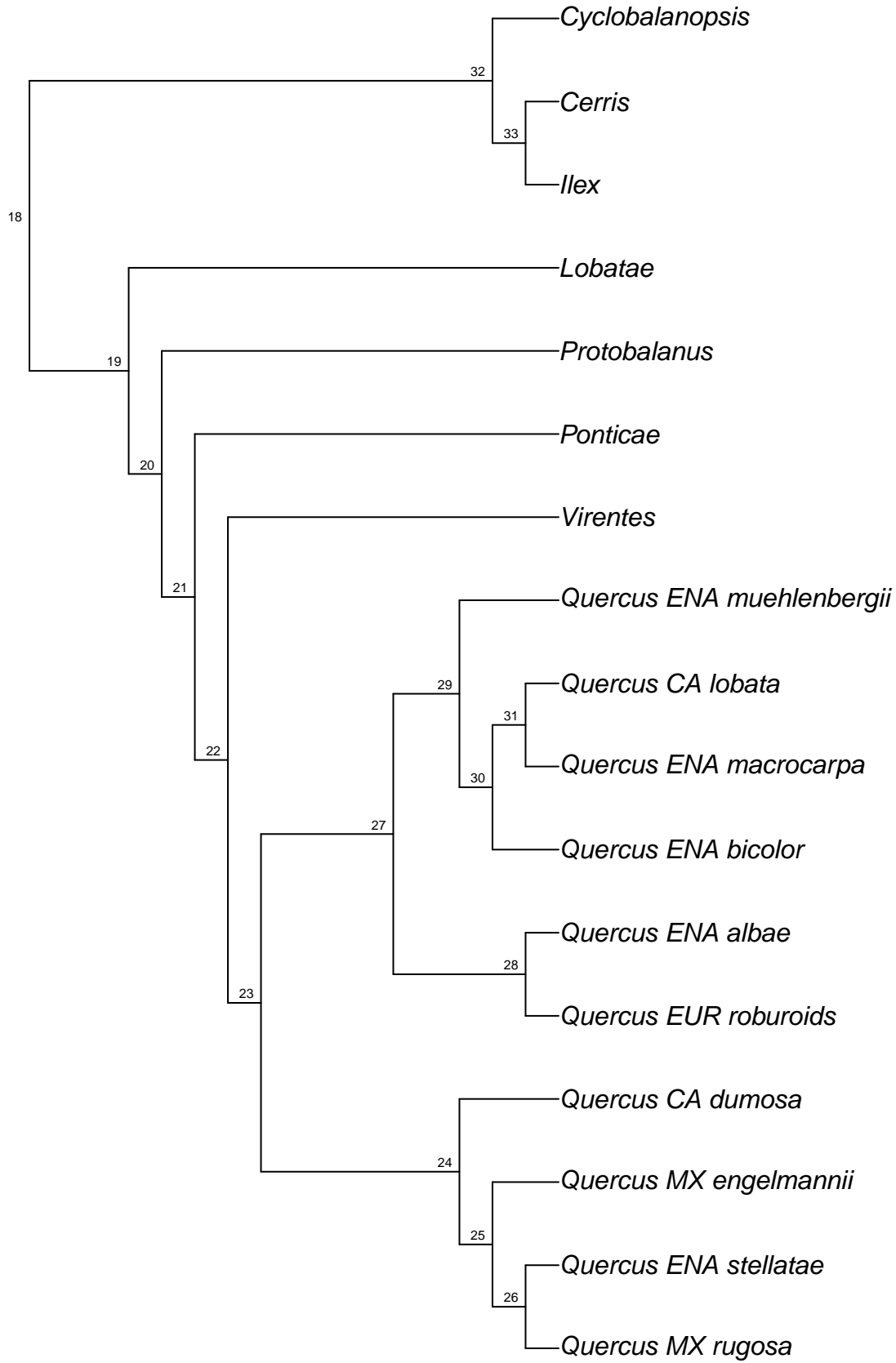
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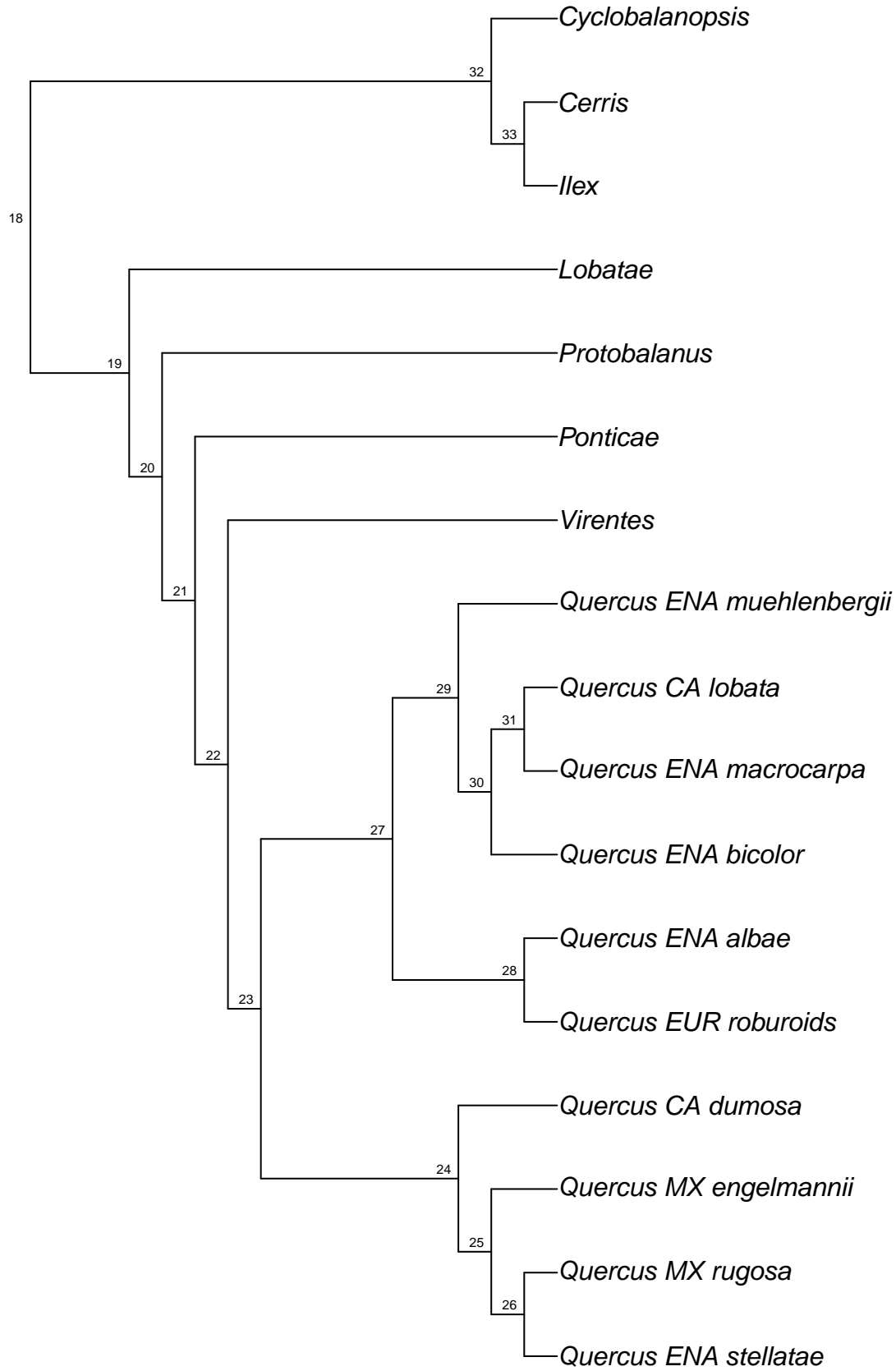
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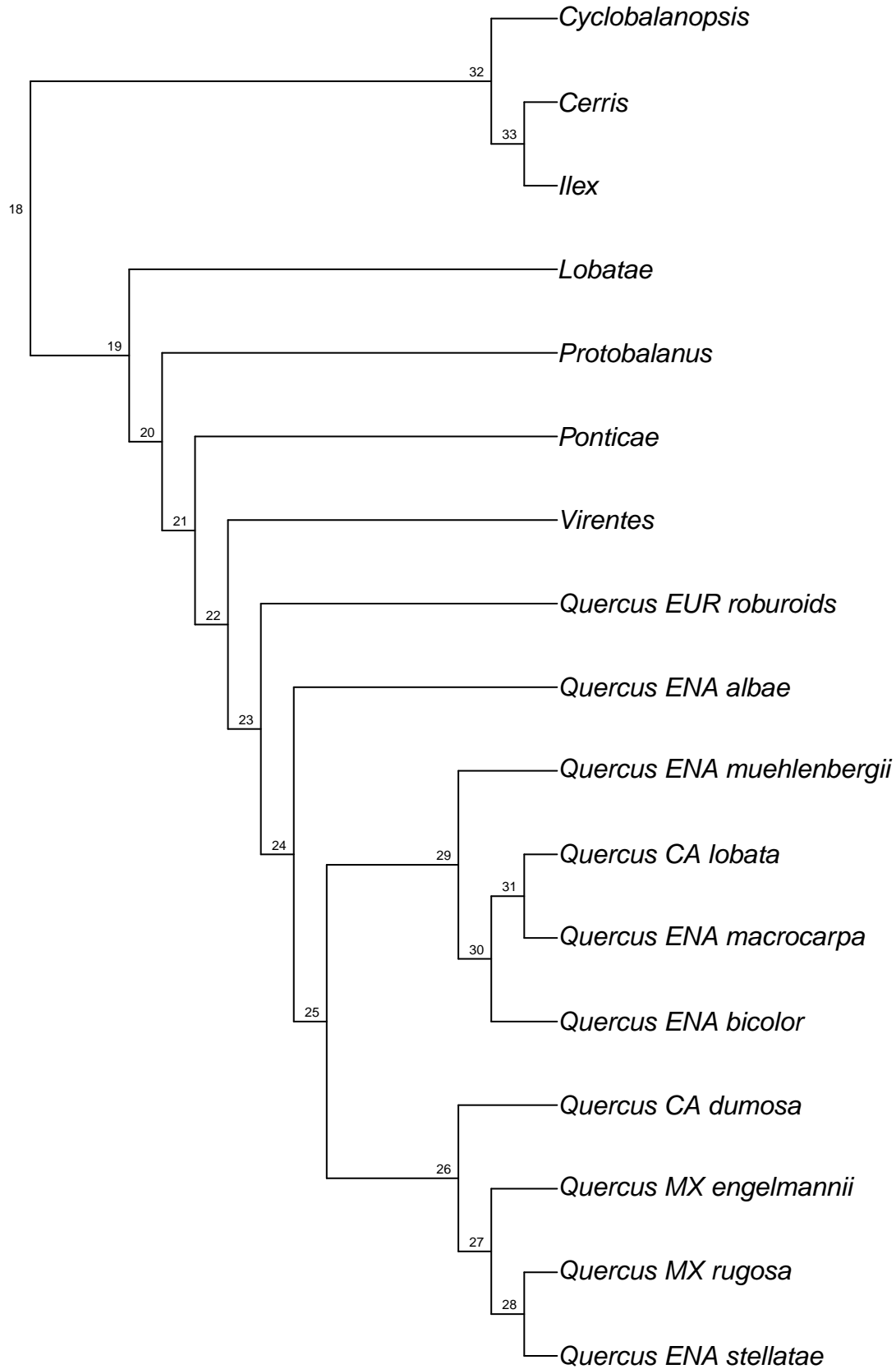
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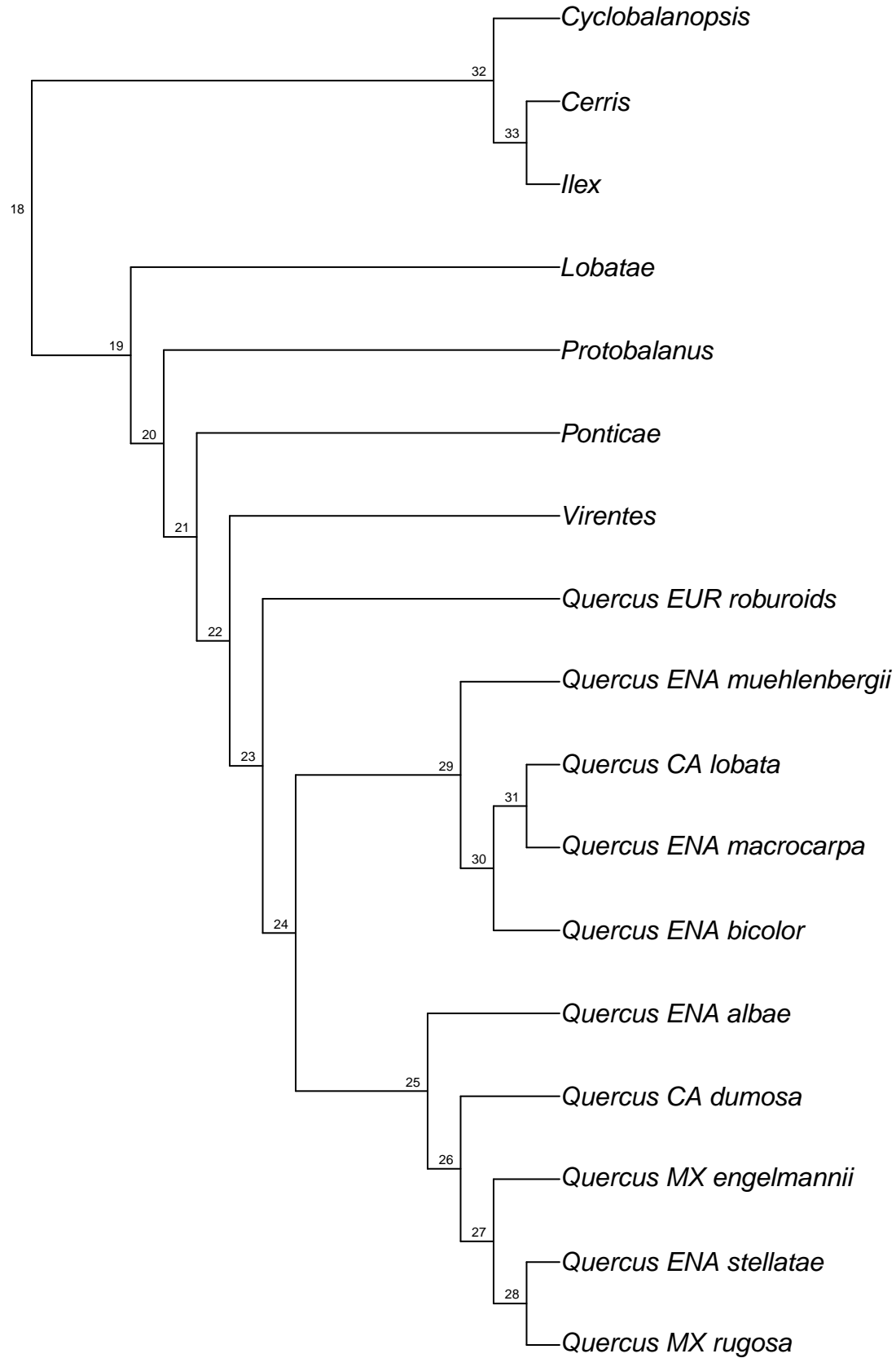
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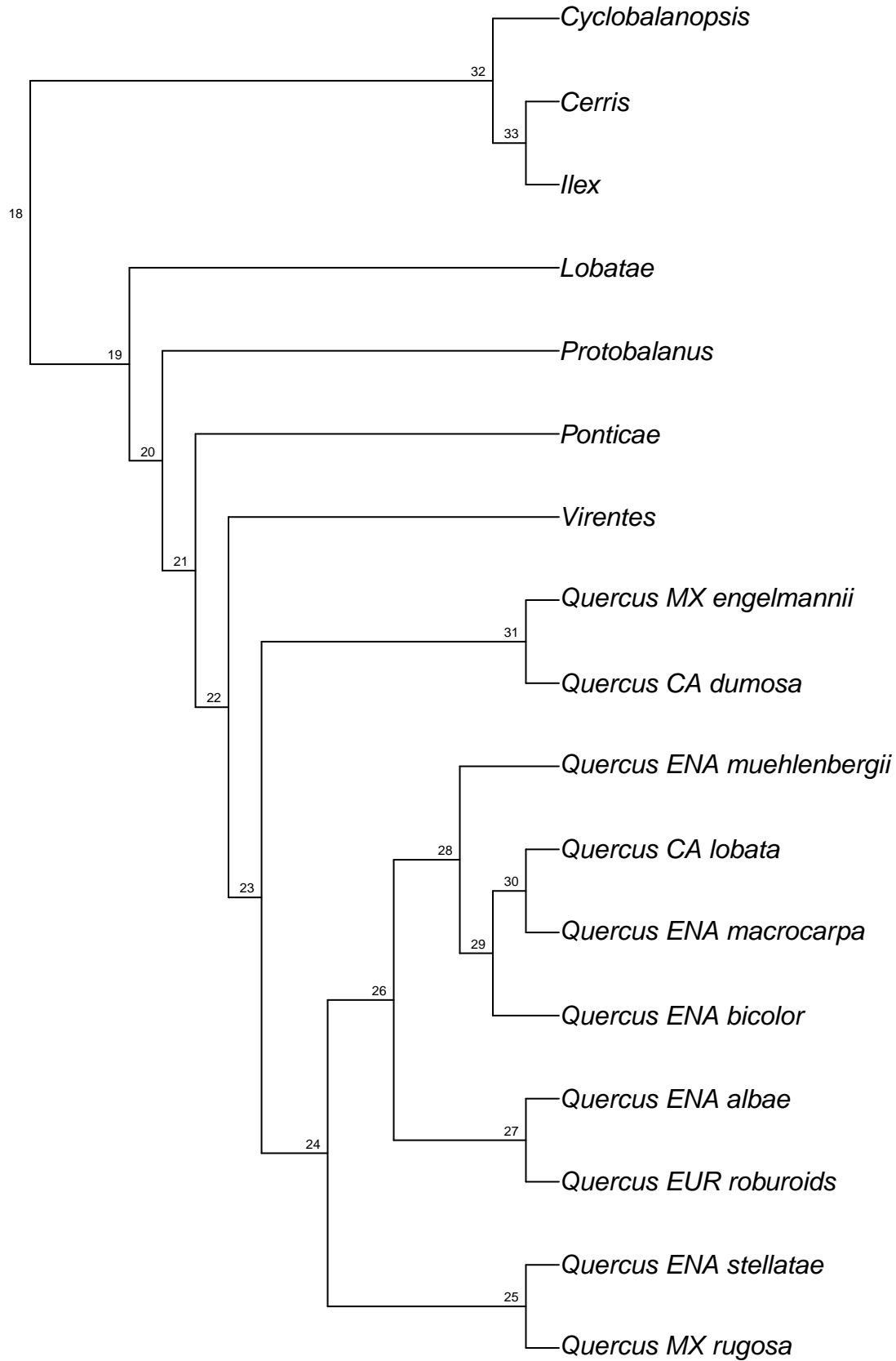
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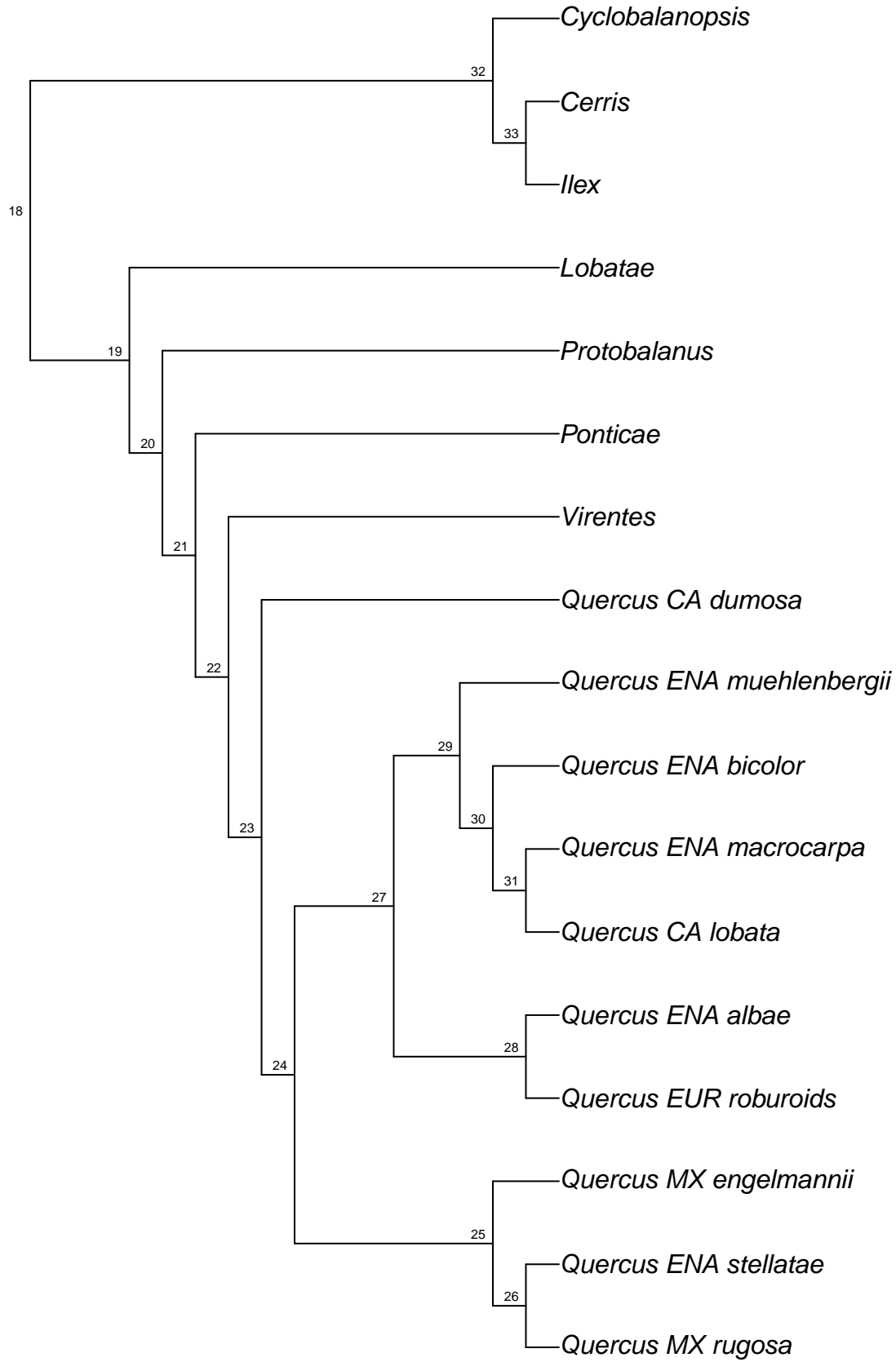
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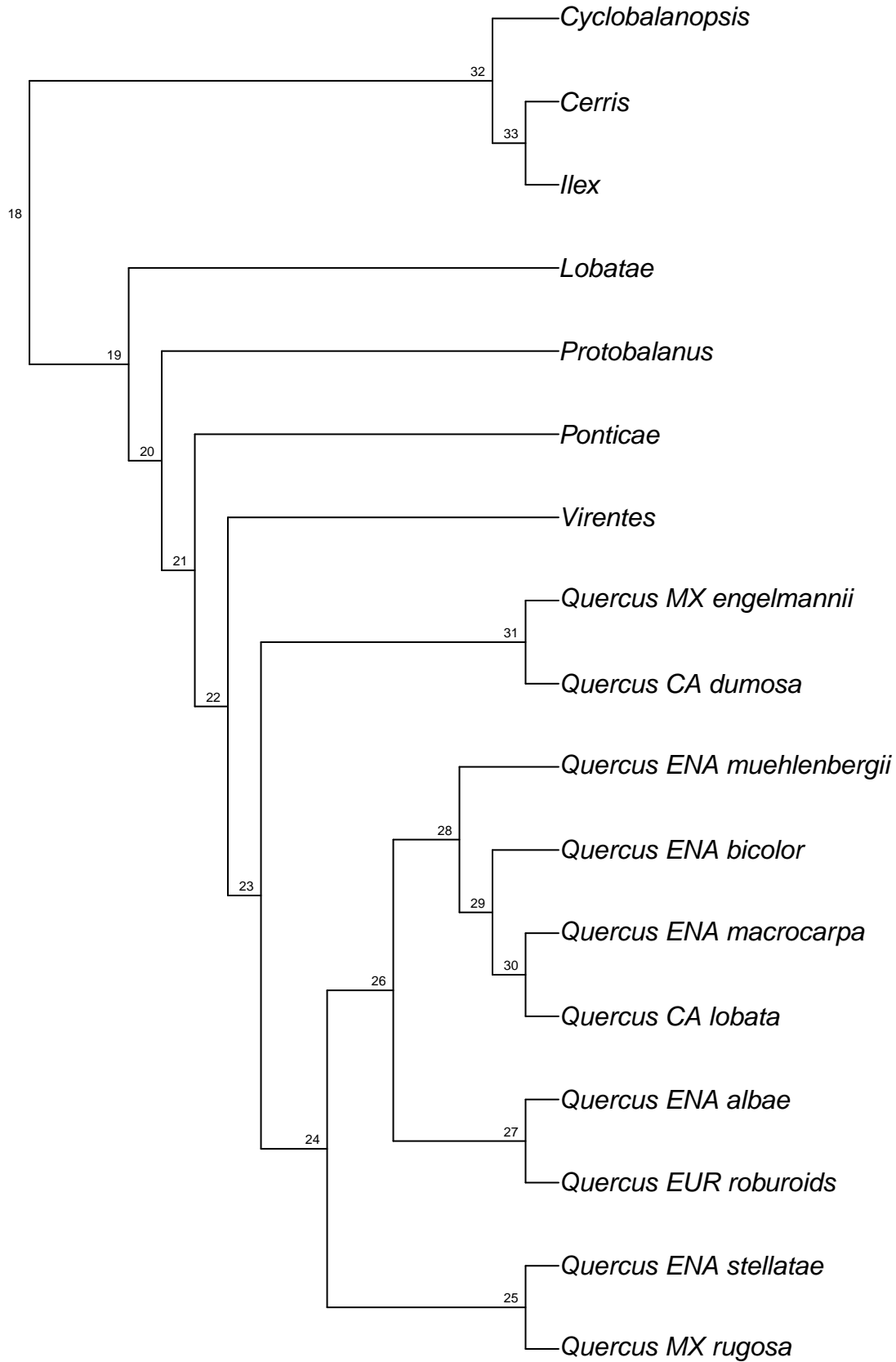
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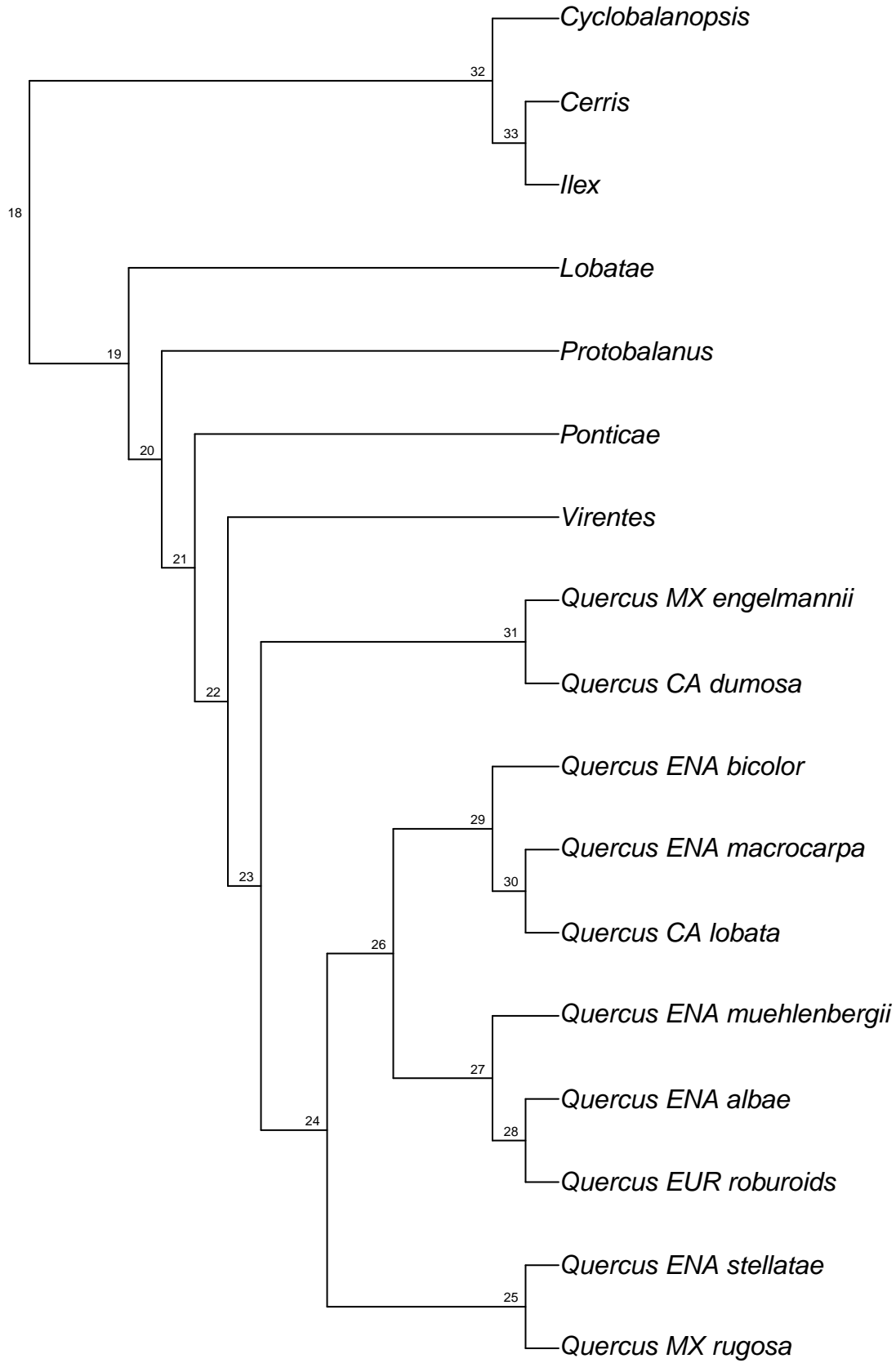
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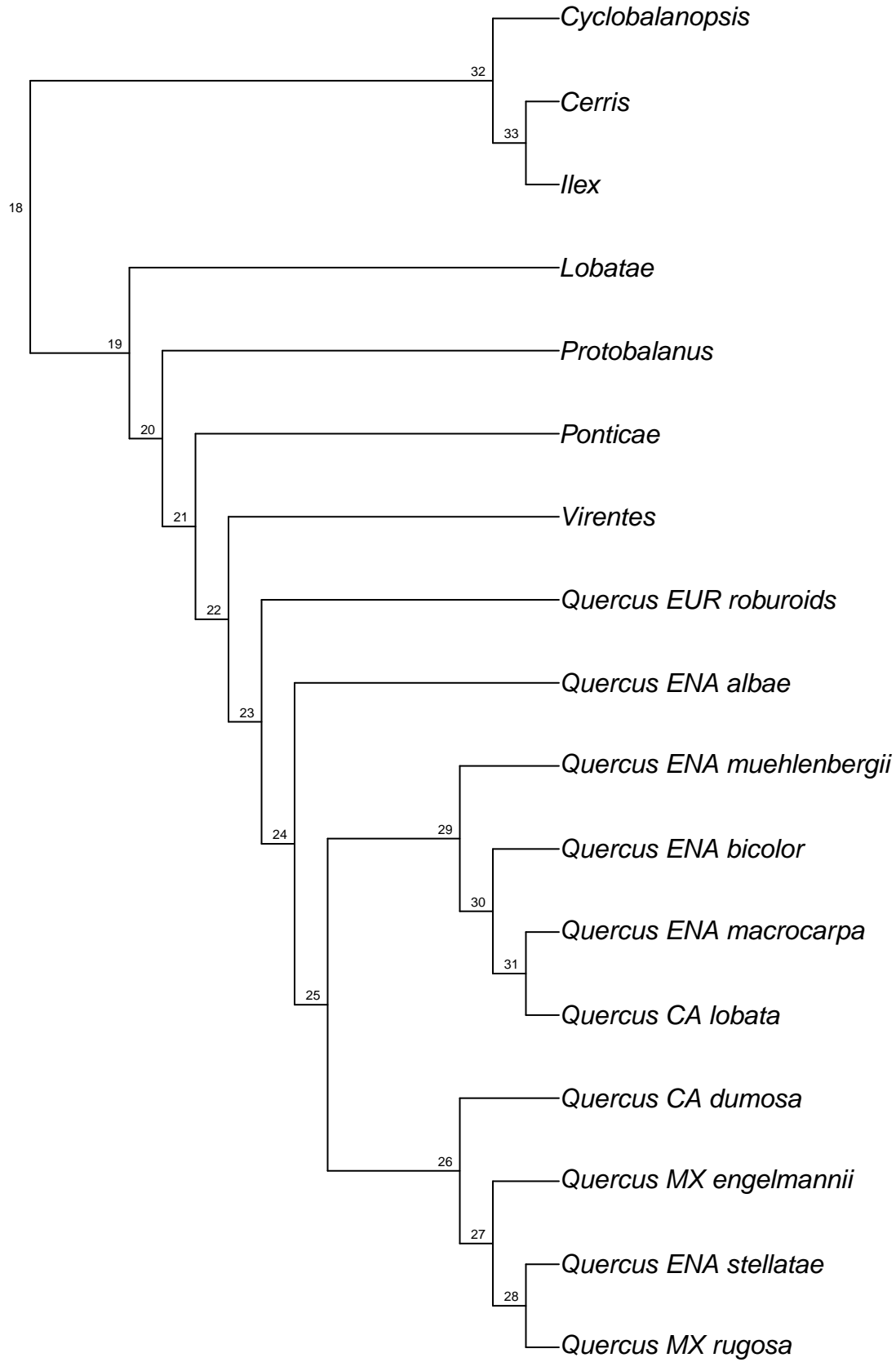
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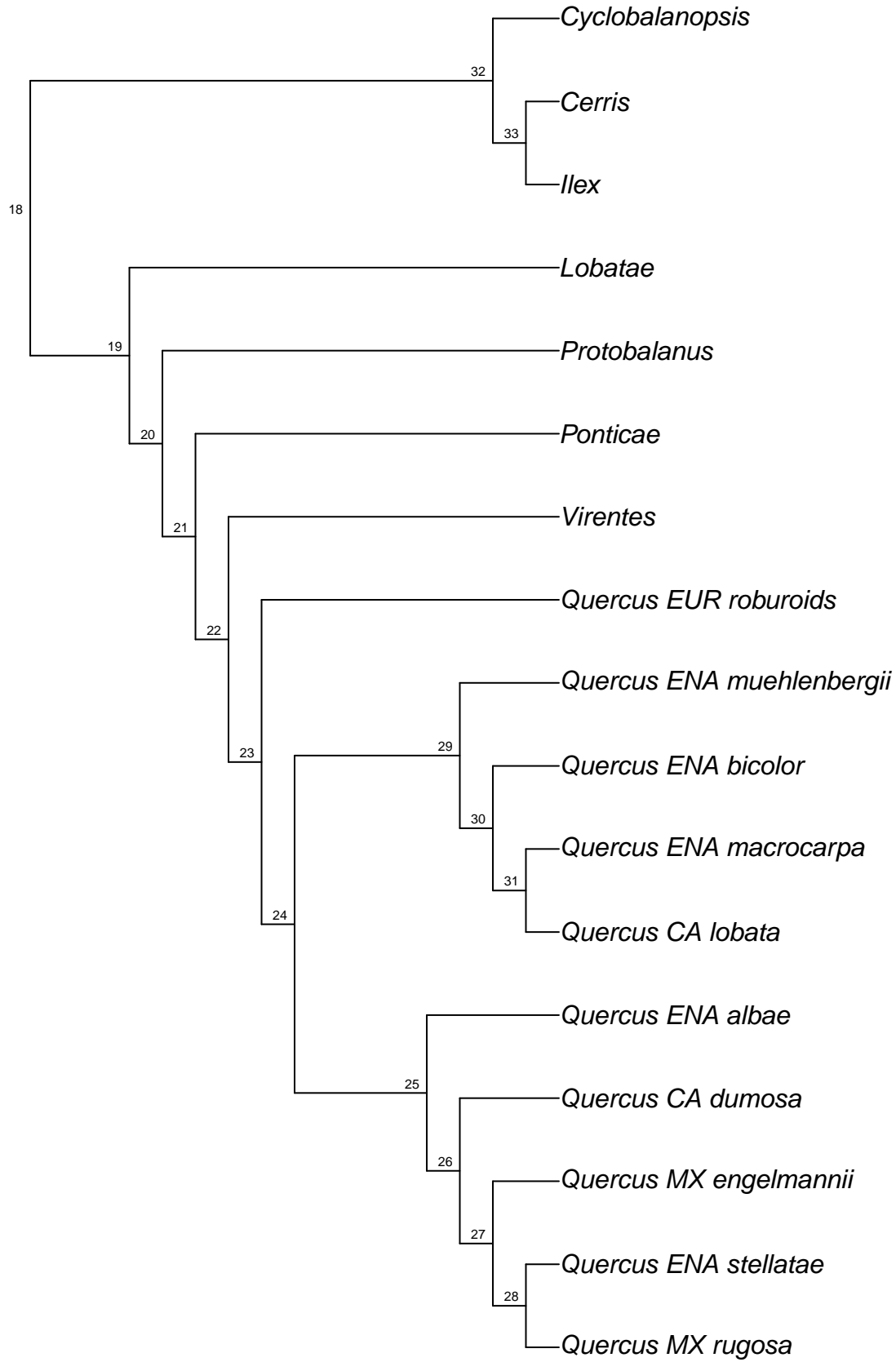
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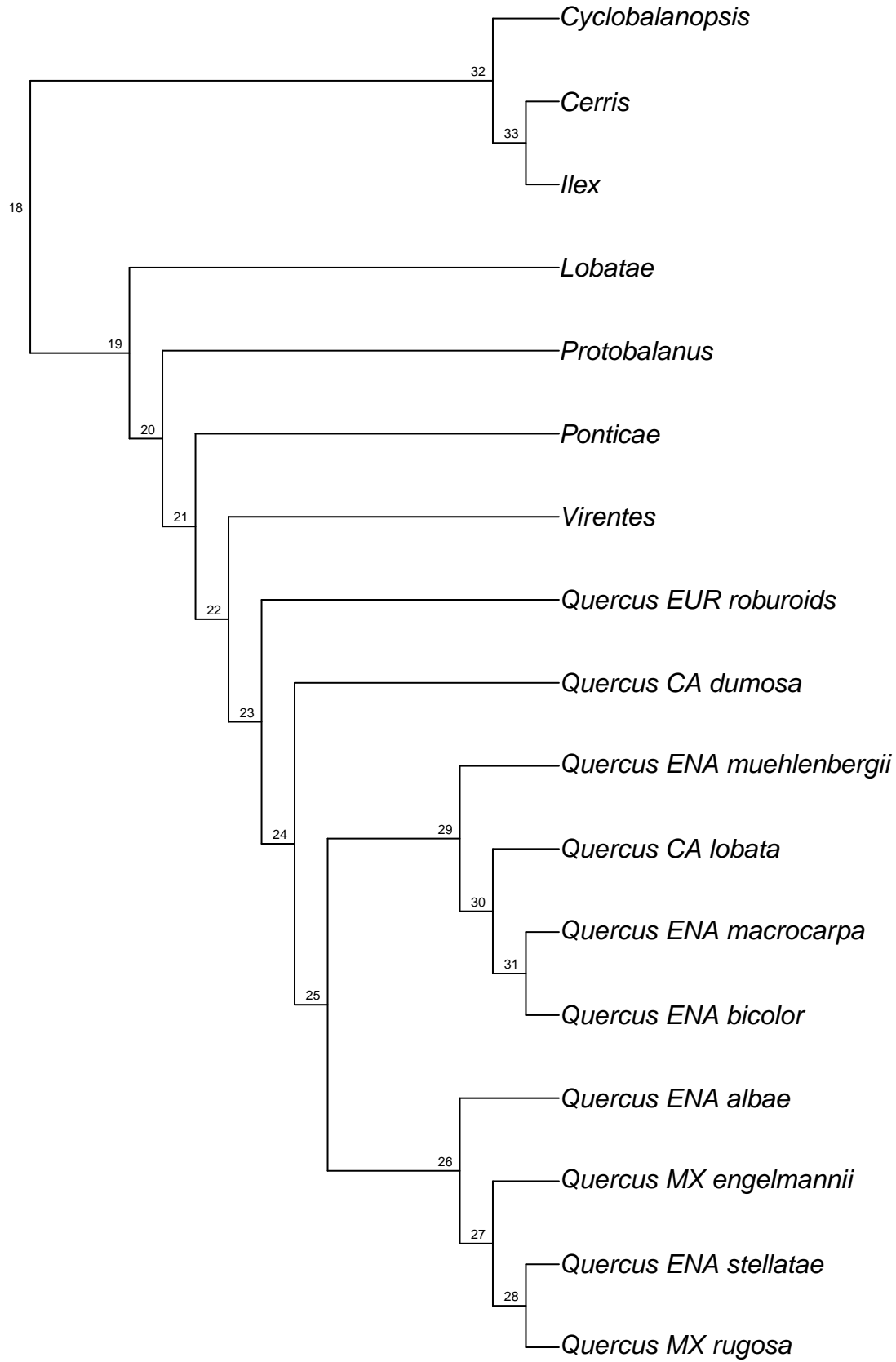
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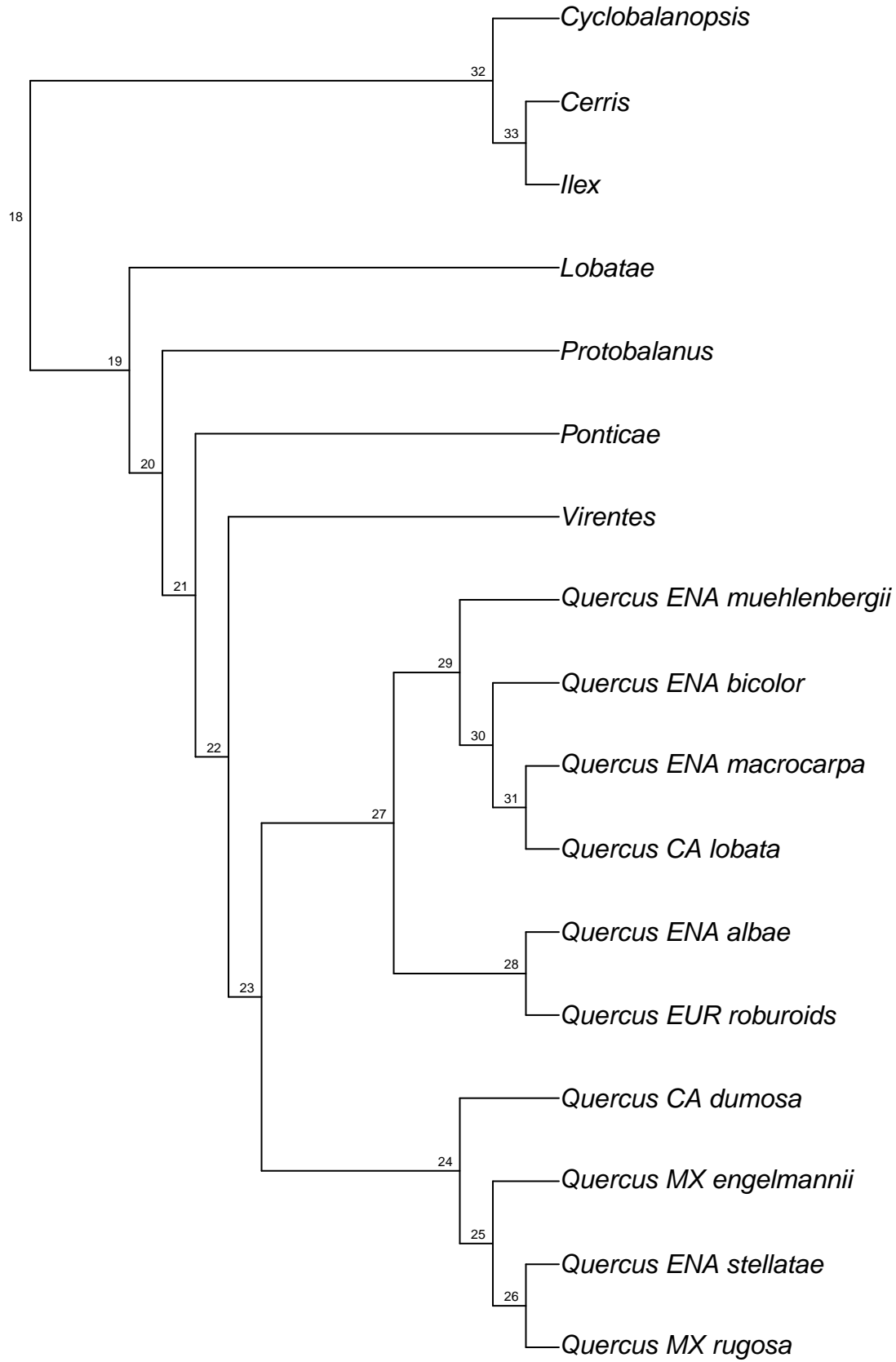
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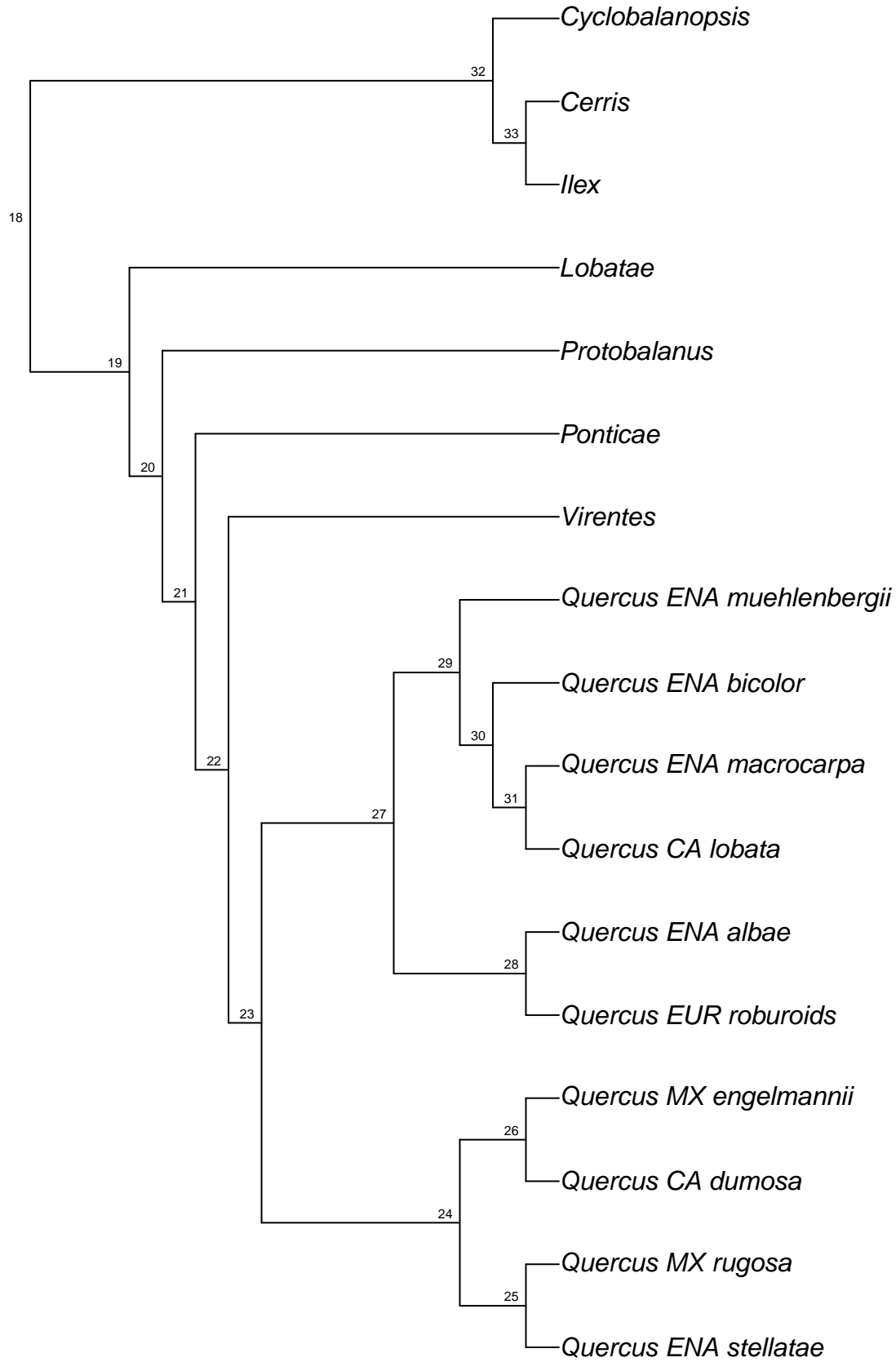
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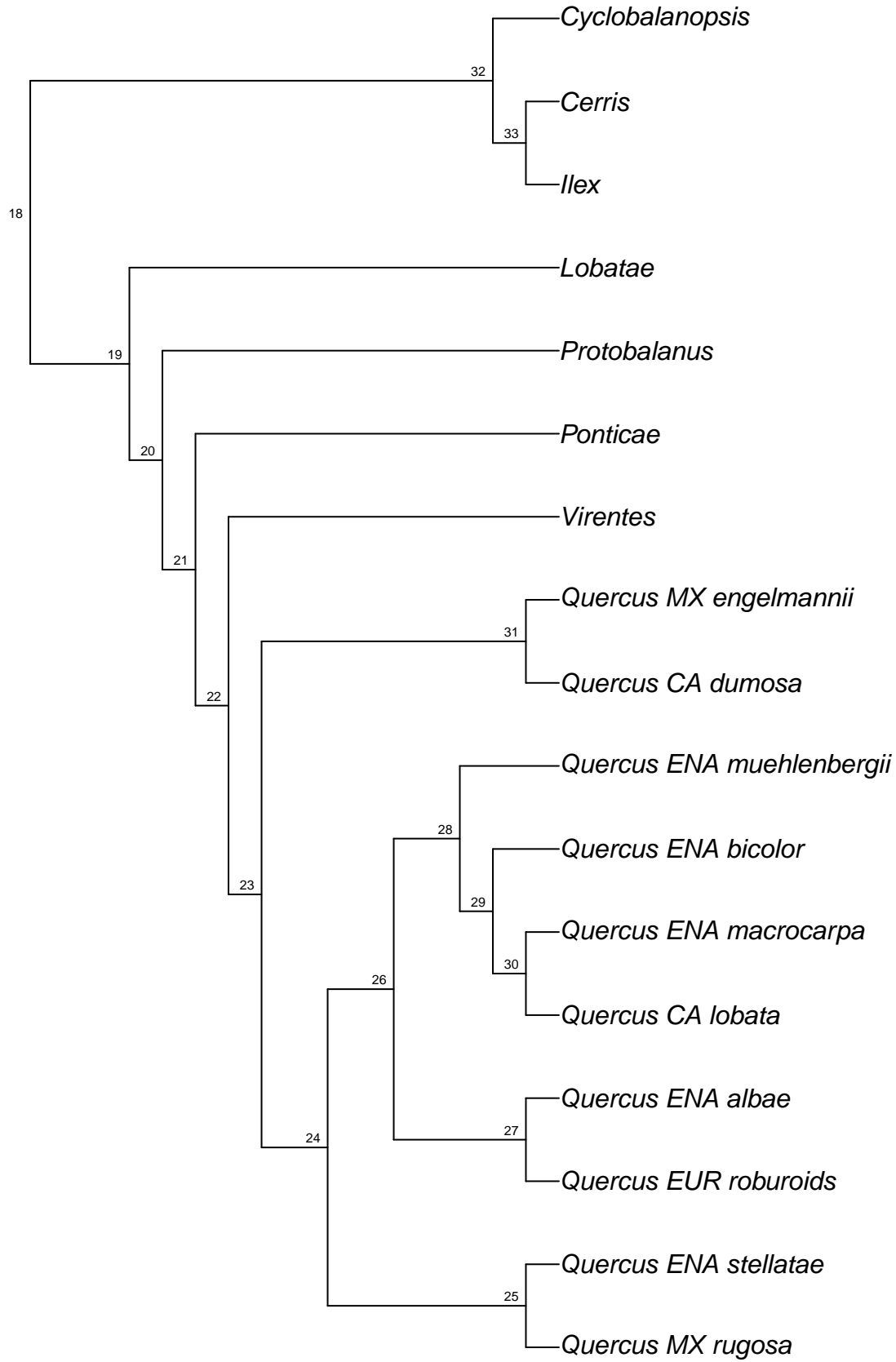
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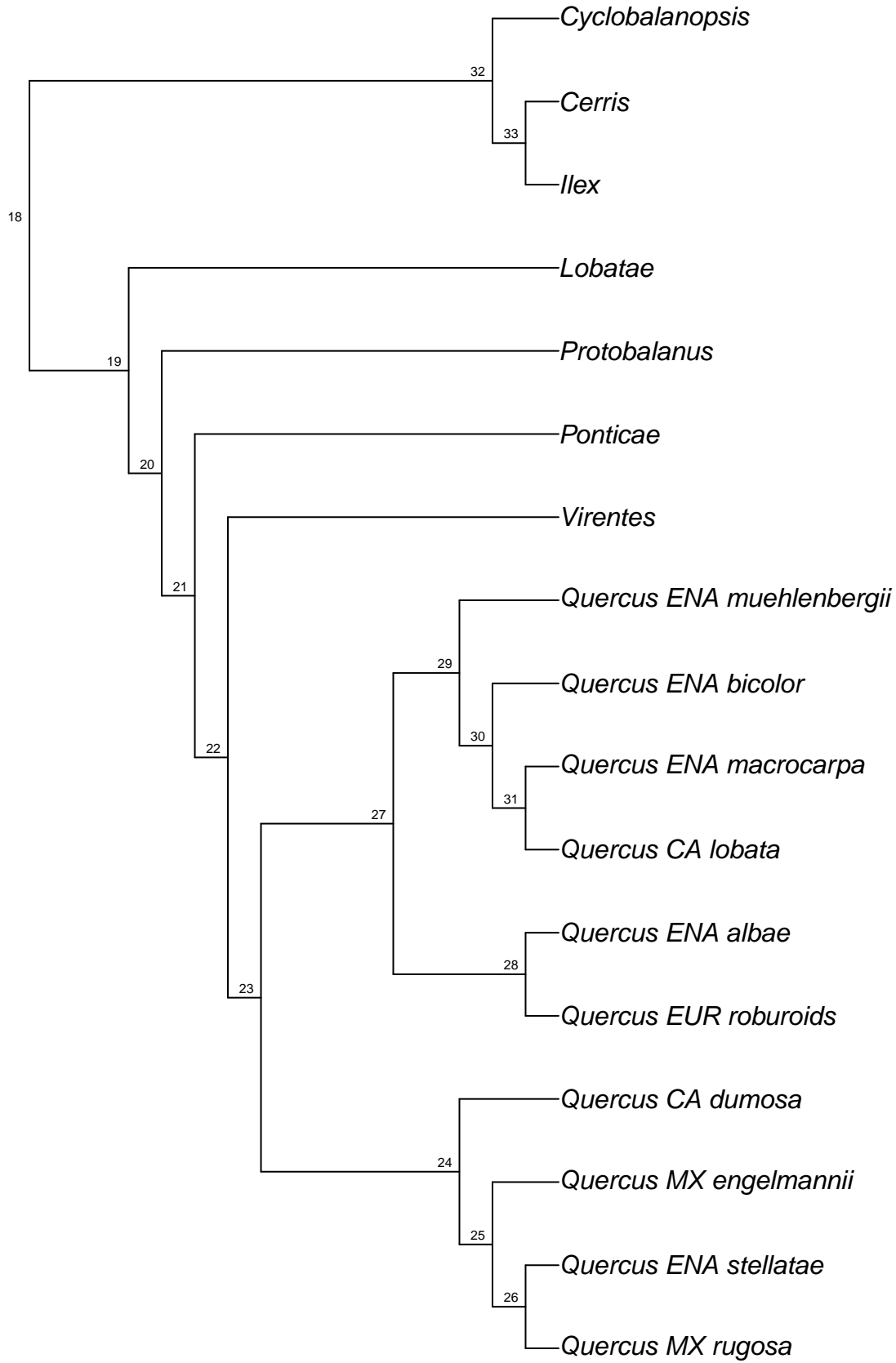
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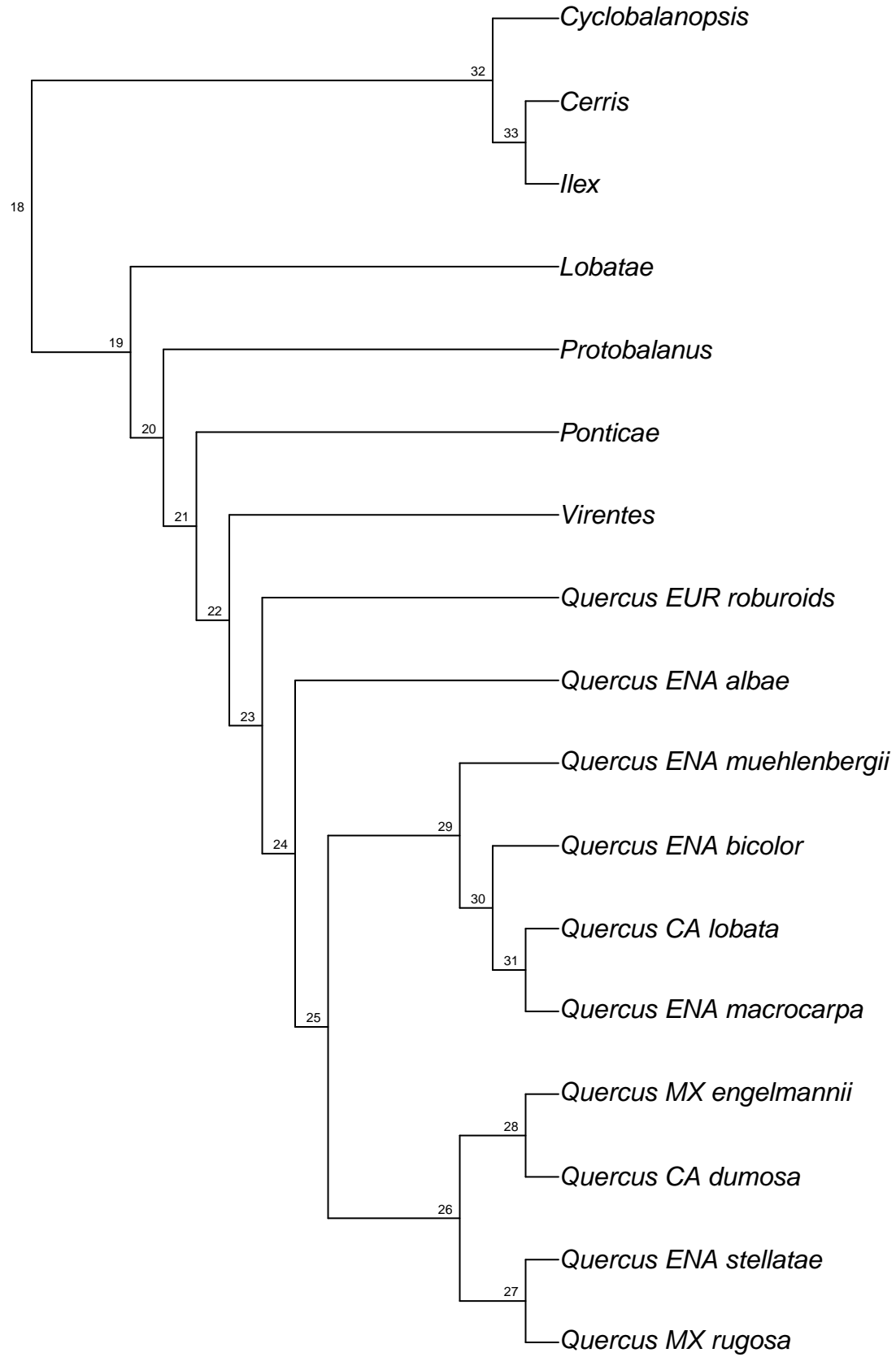
refRAD.ref_rubra_raxml.bt029



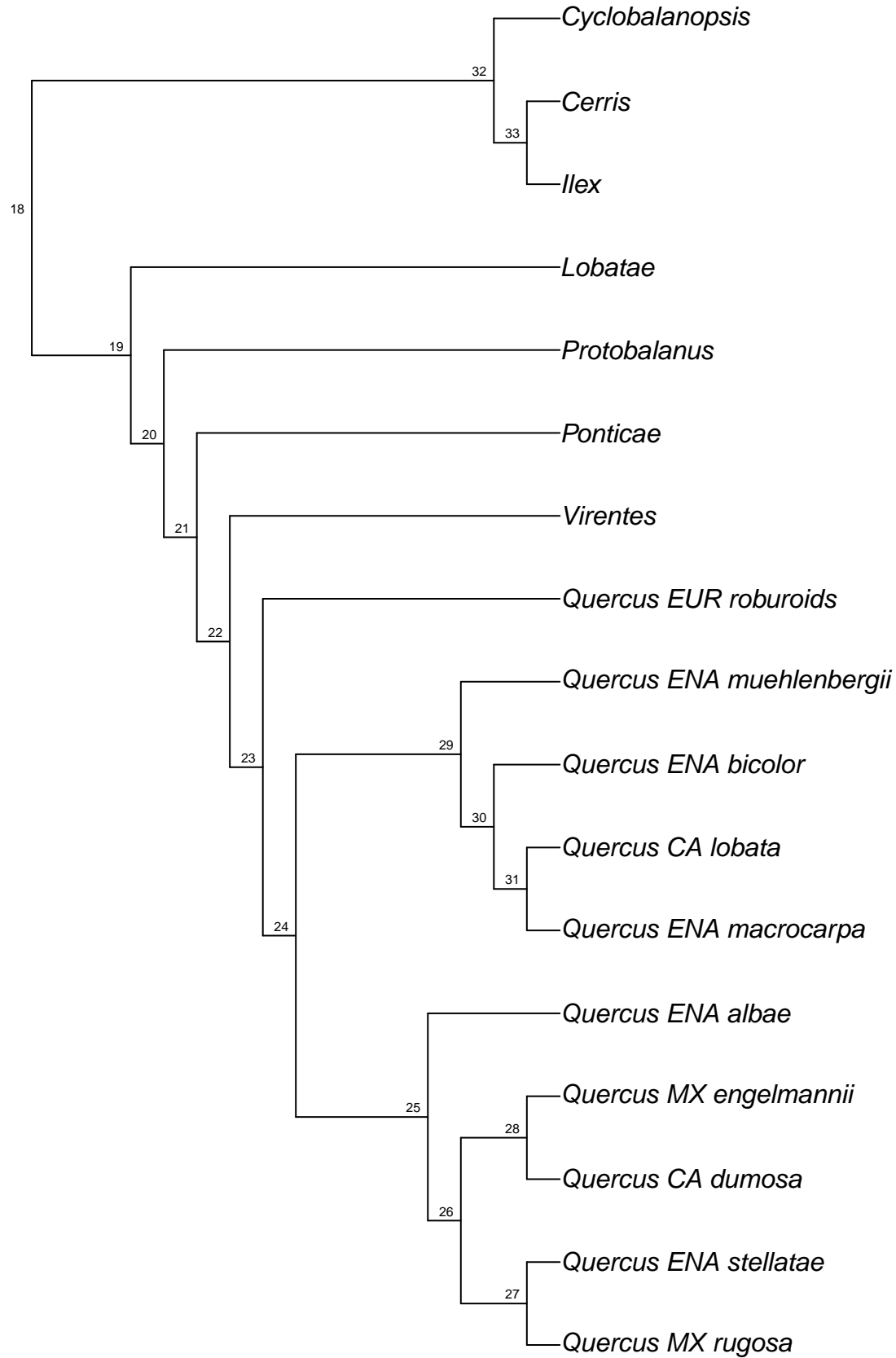
refRAD.ref_rubra_raxml.bt030



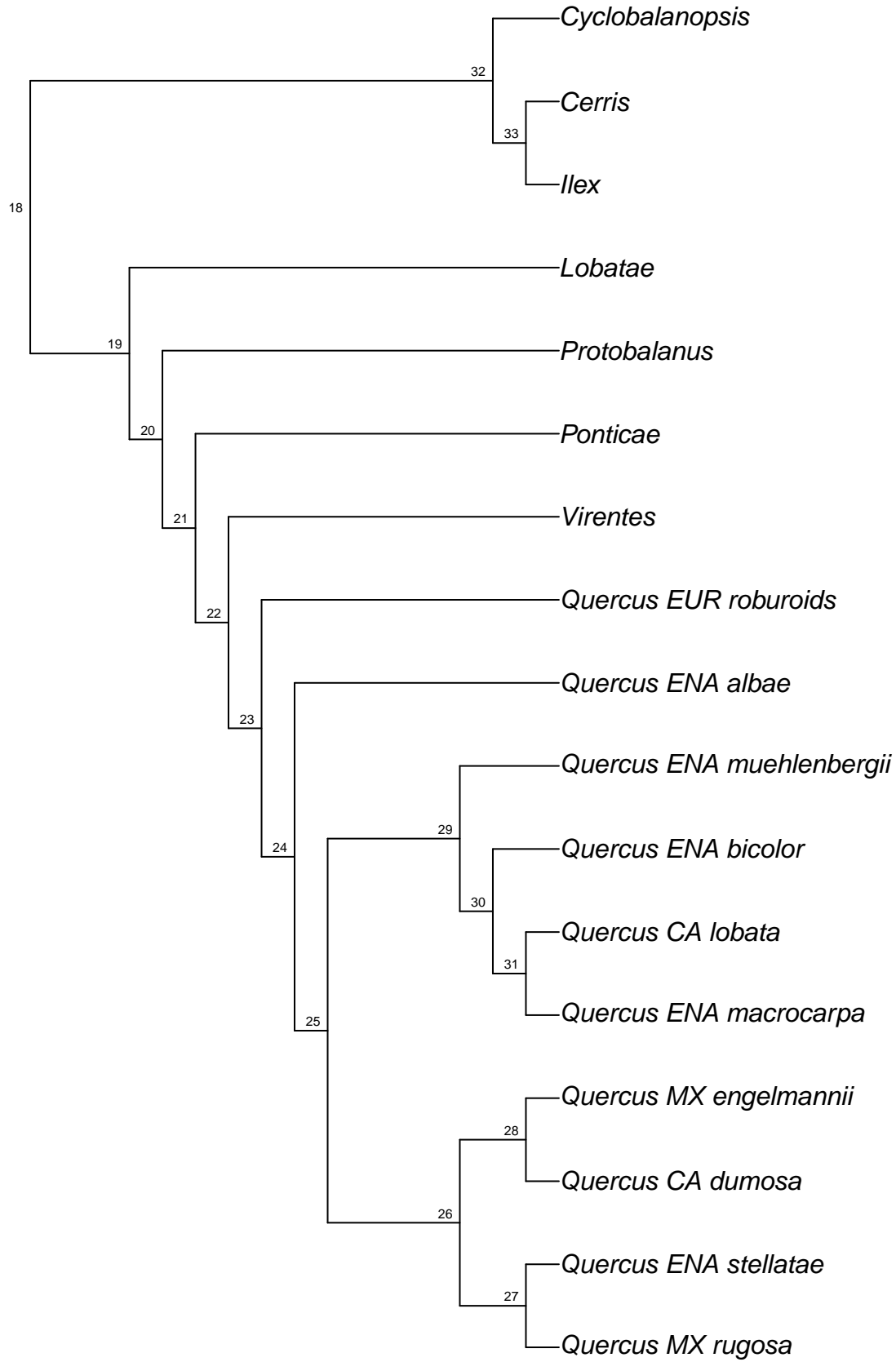
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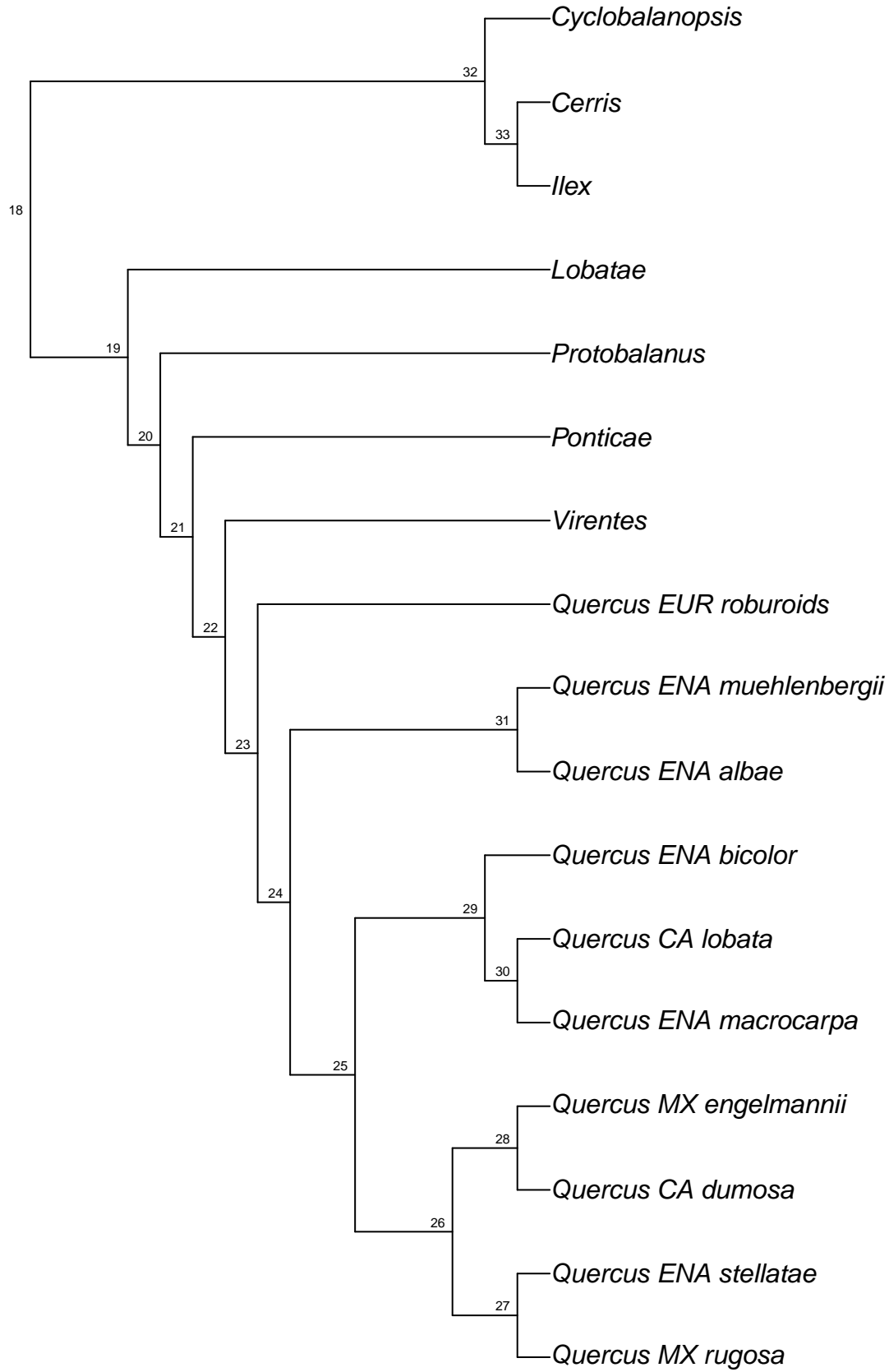
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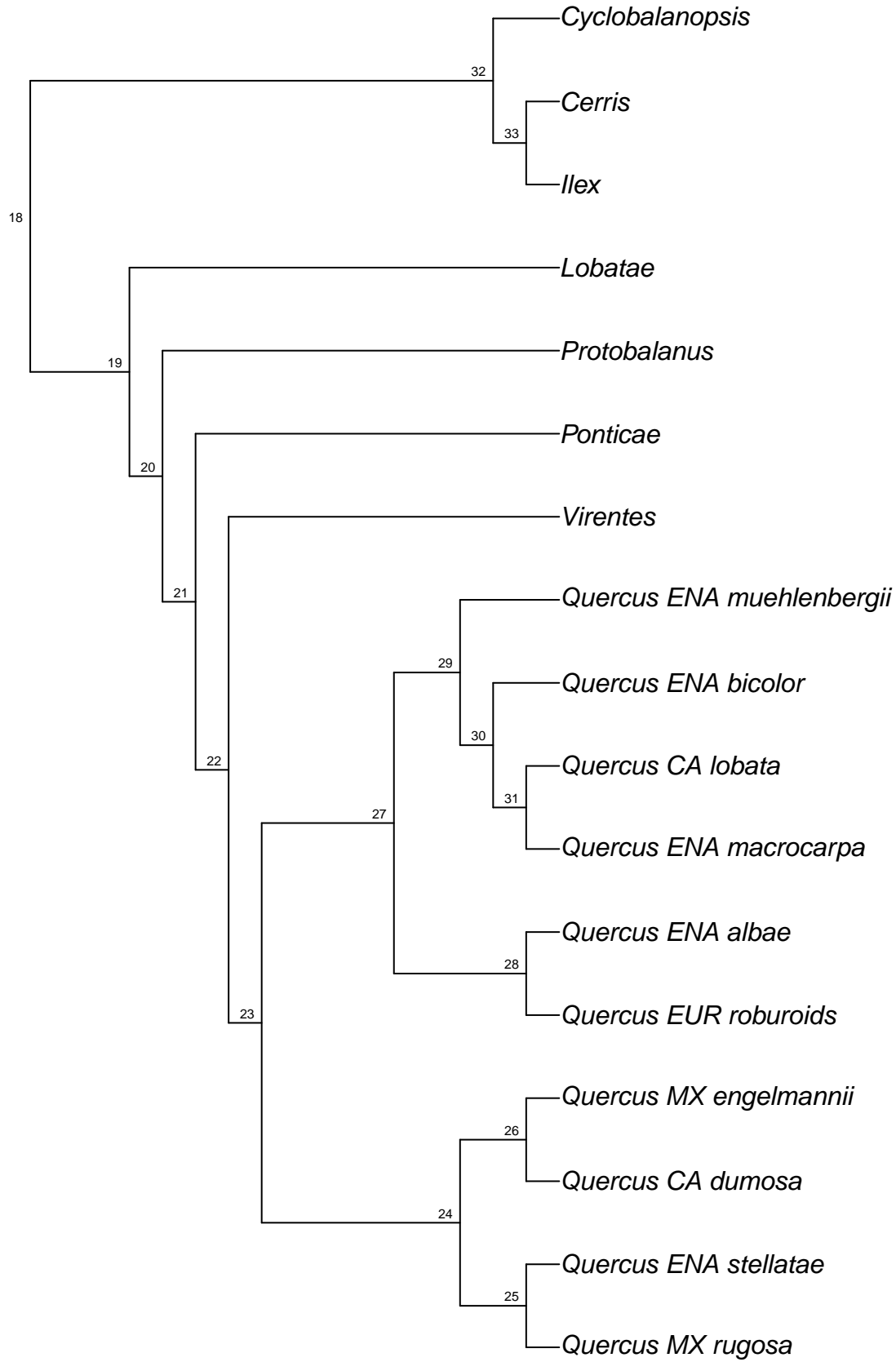
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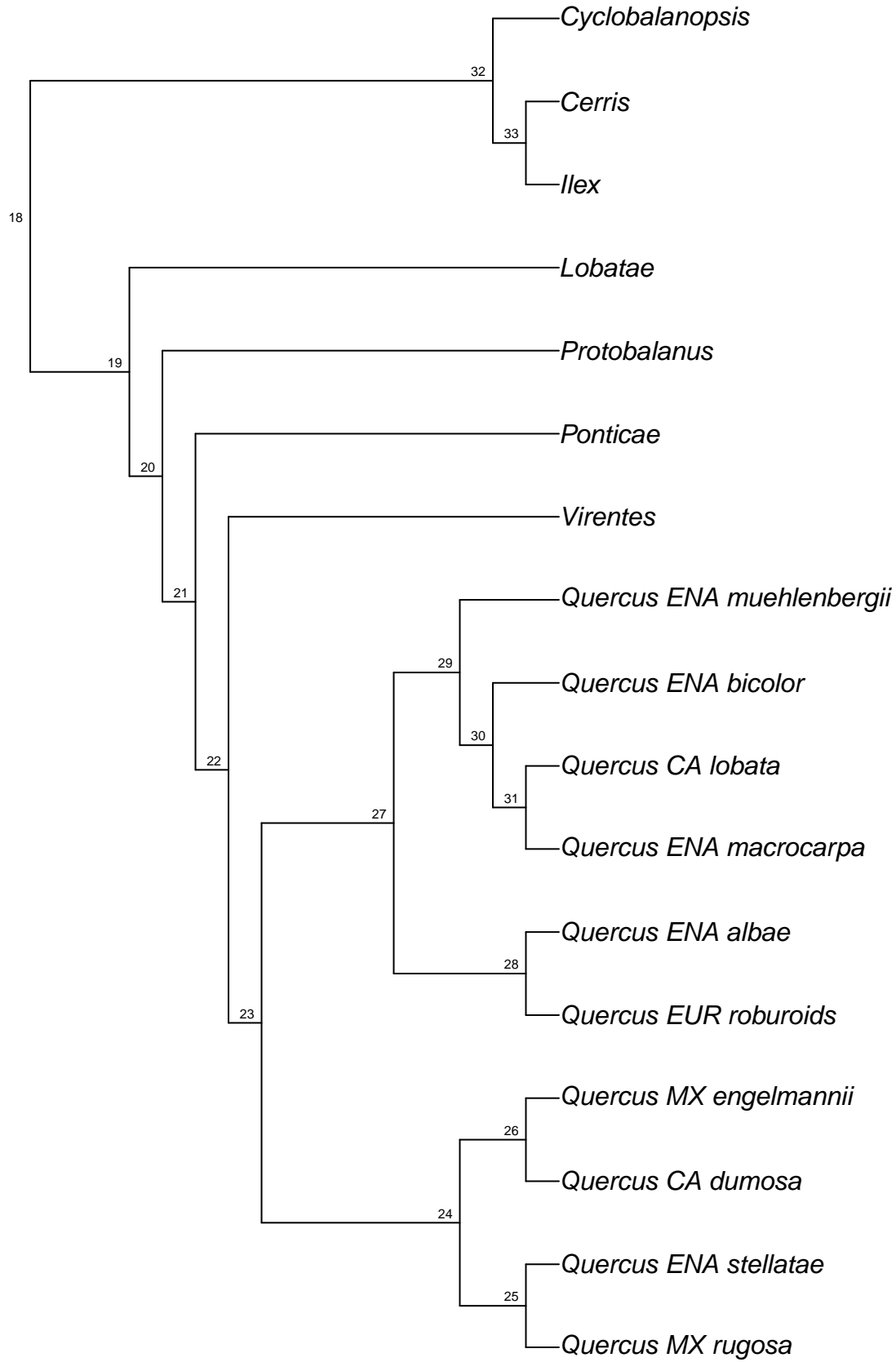
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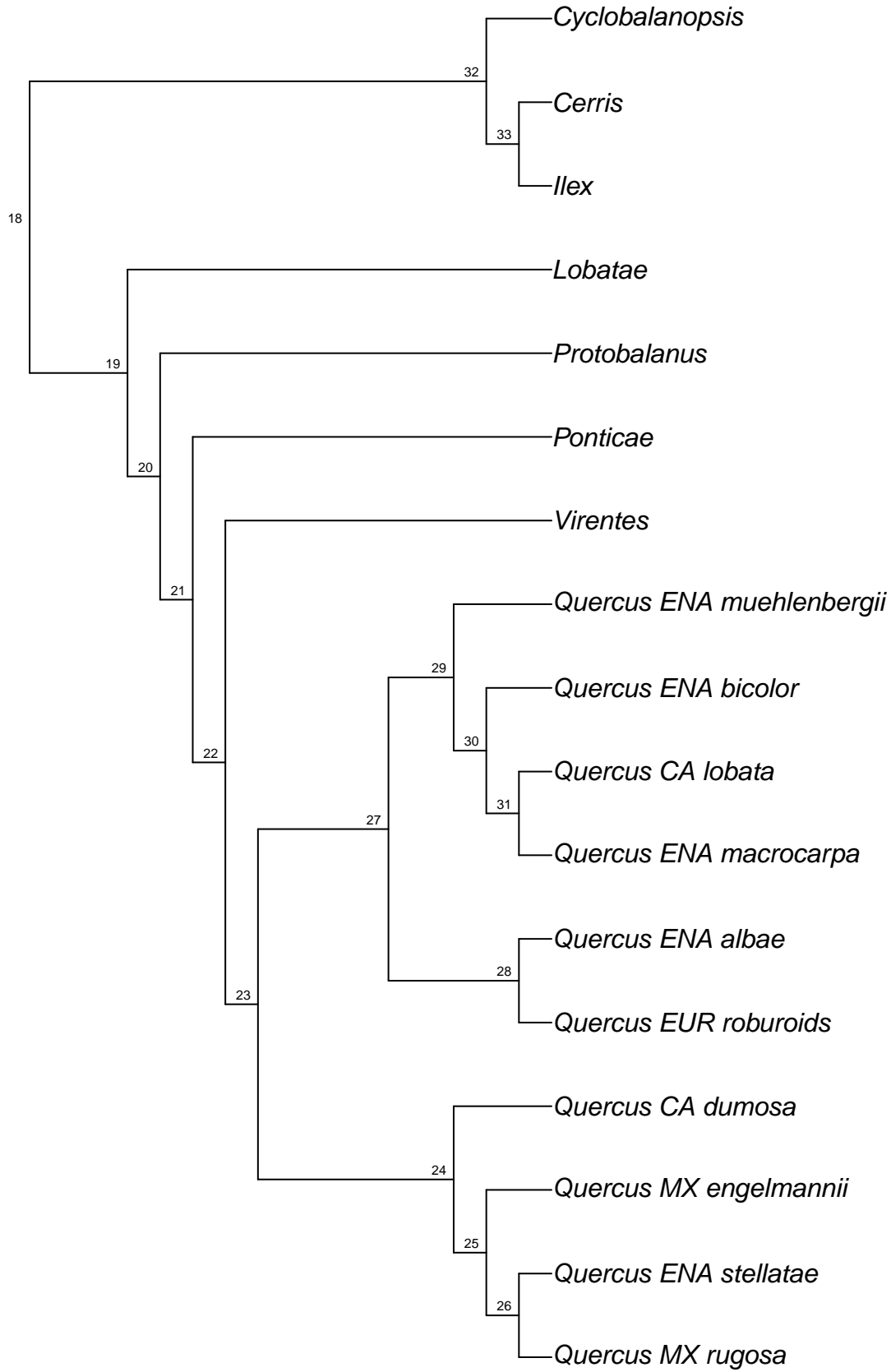
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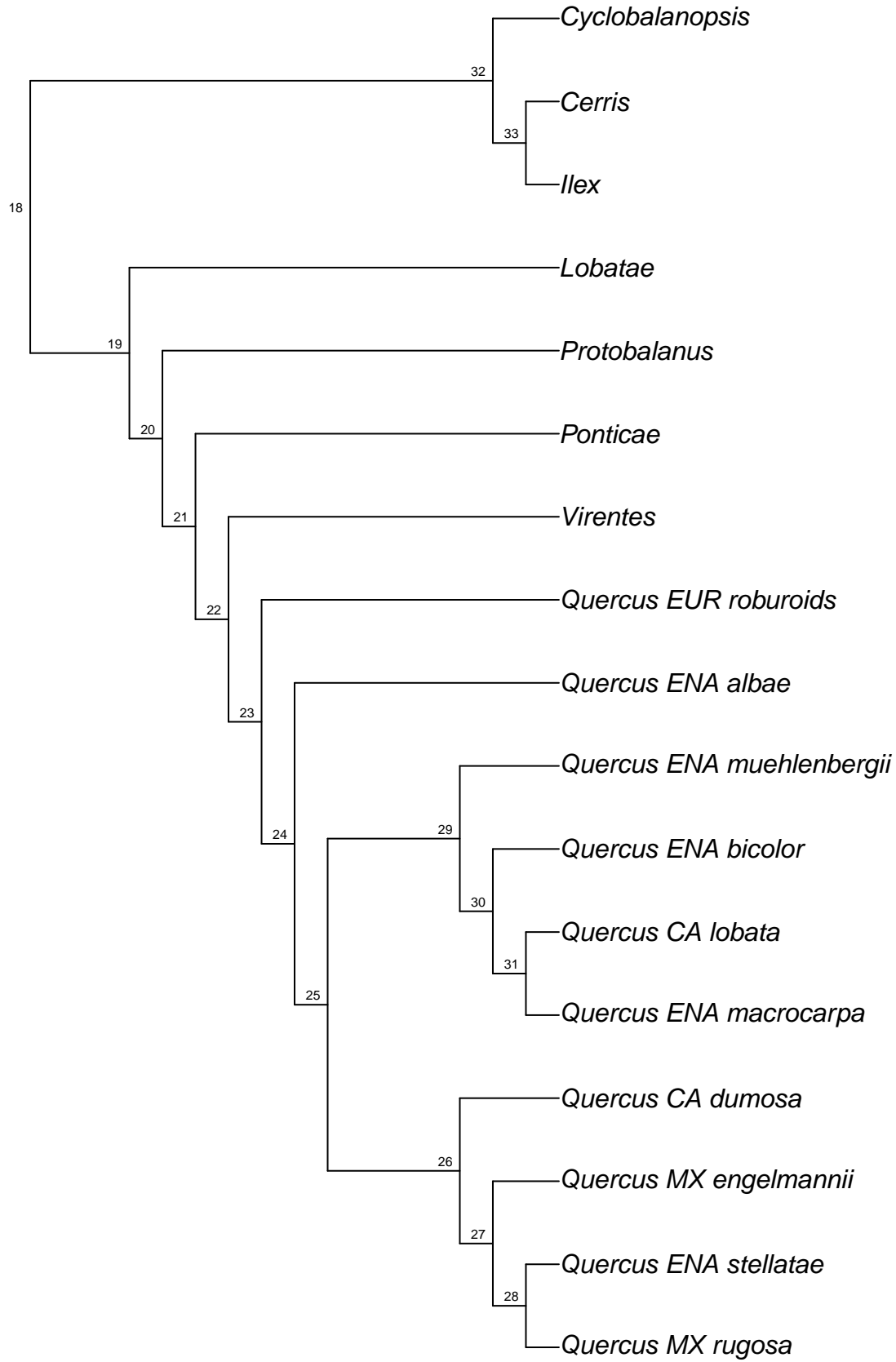
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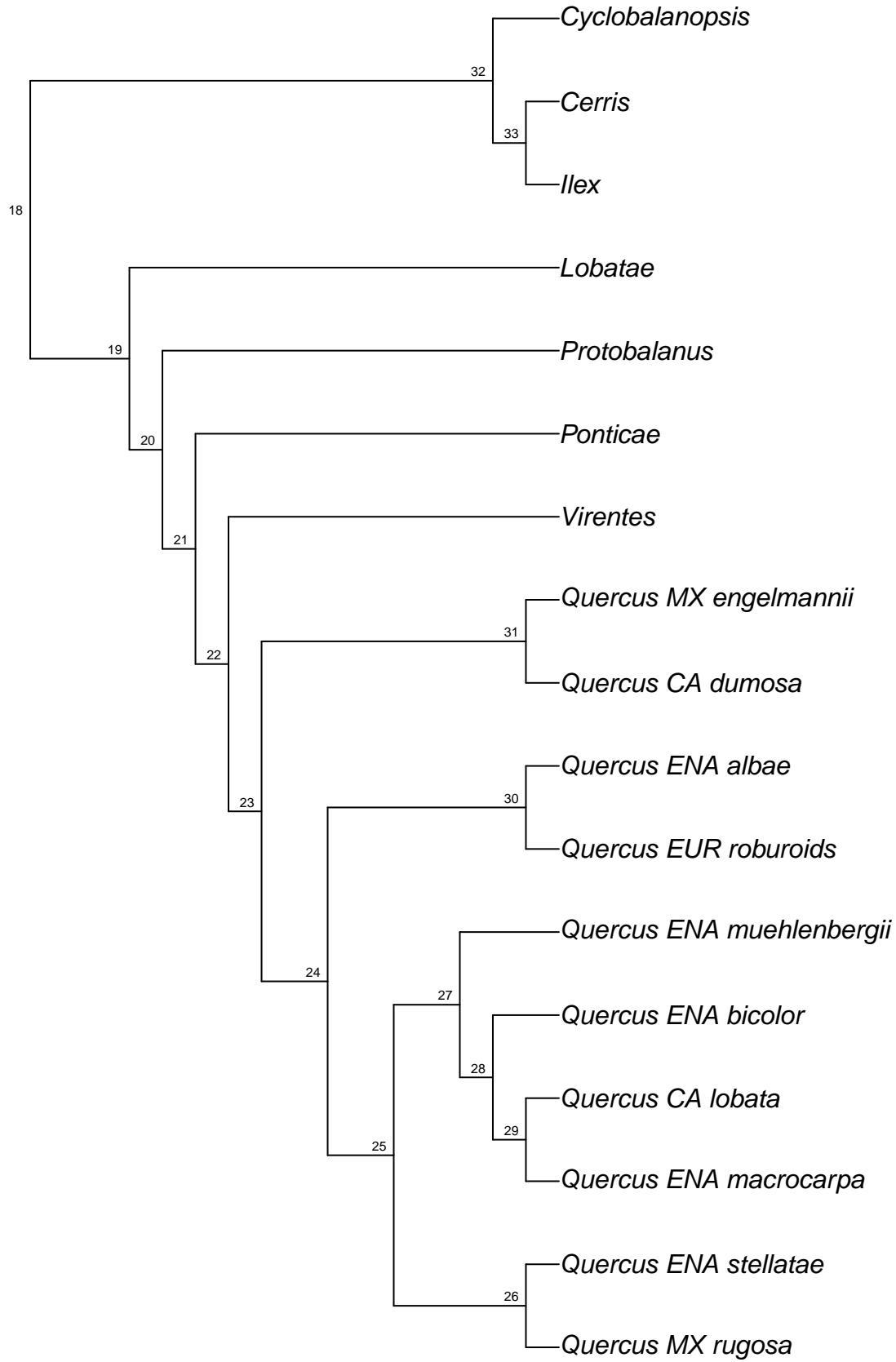
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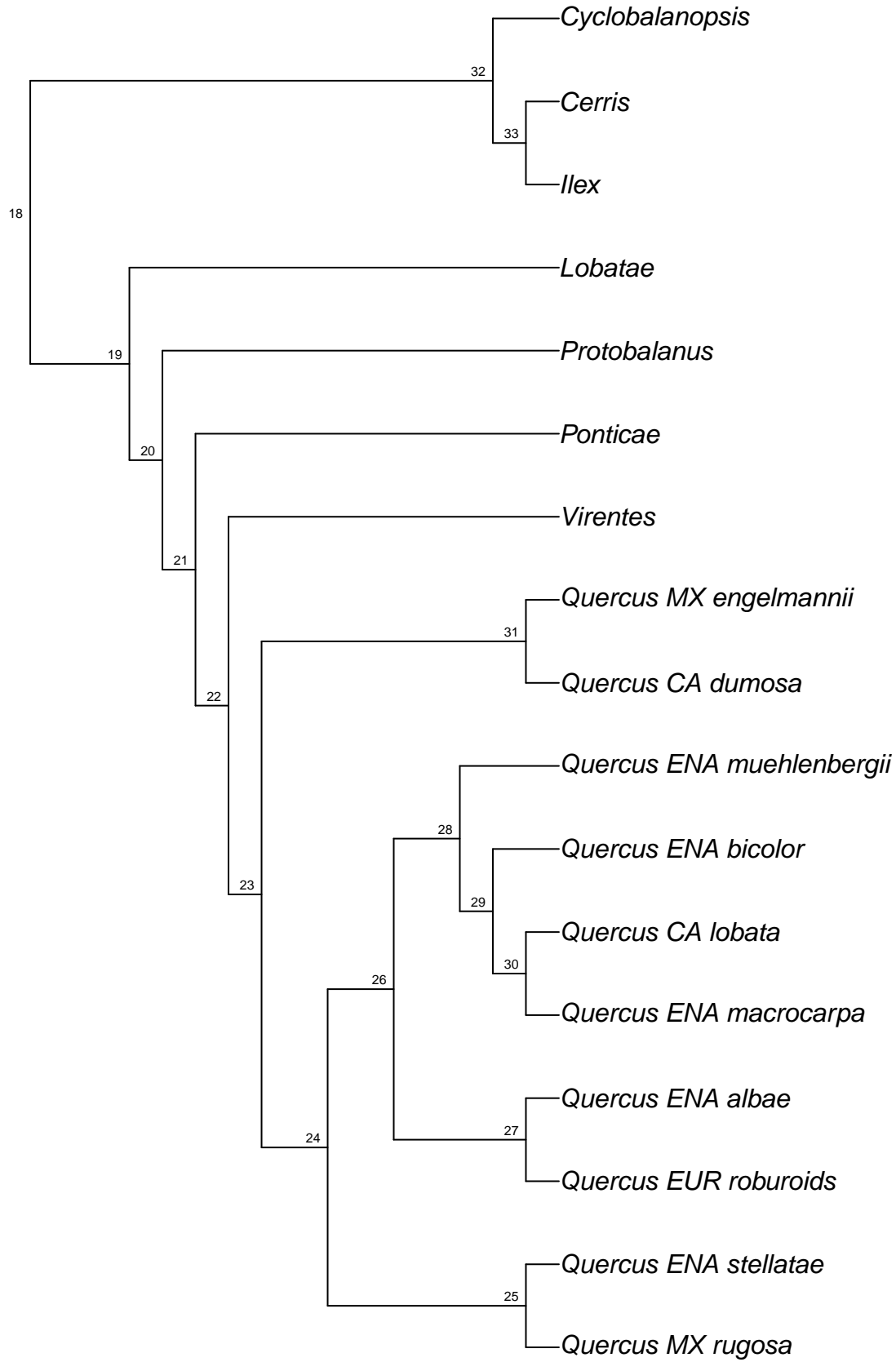
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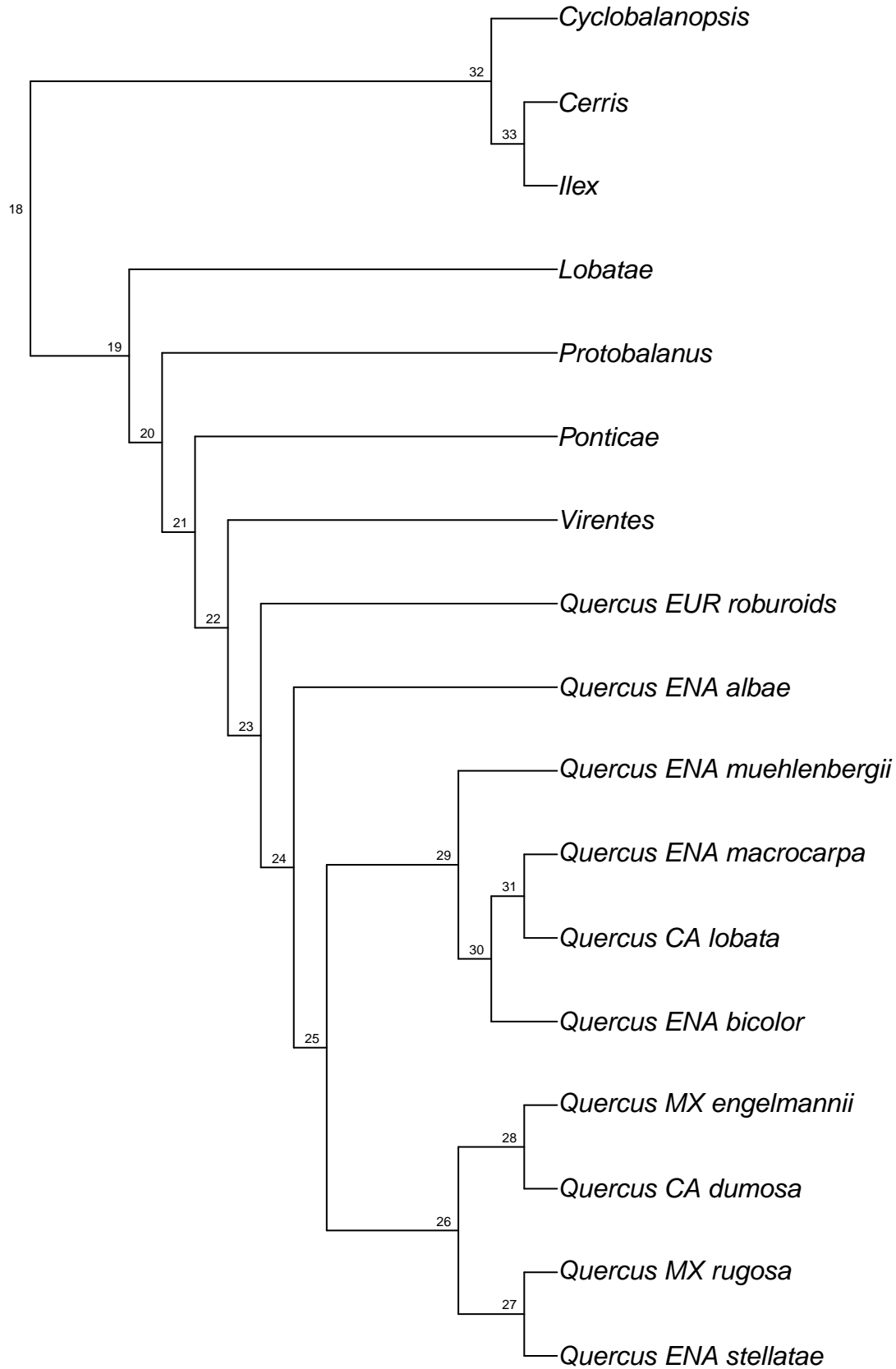
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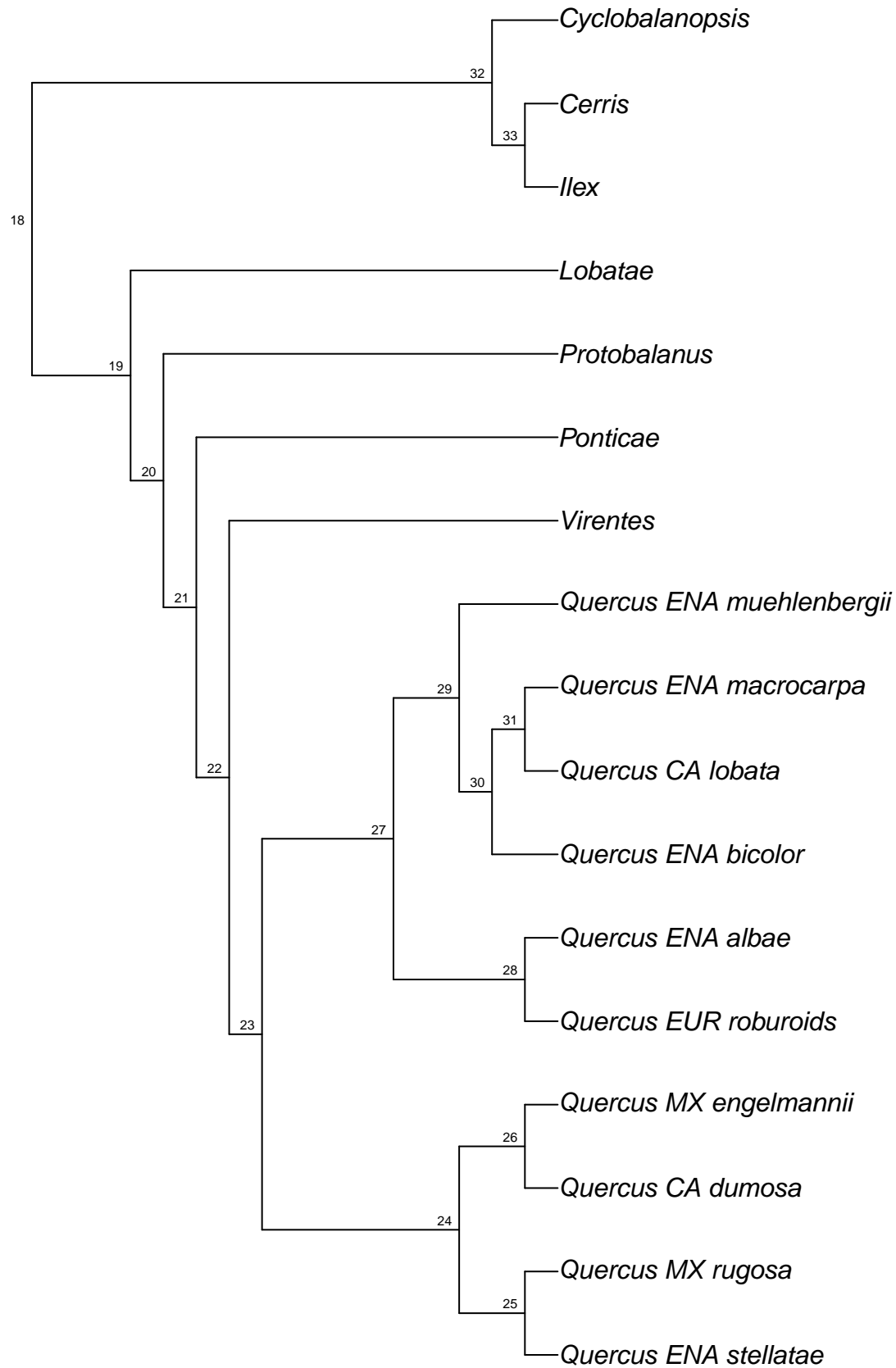
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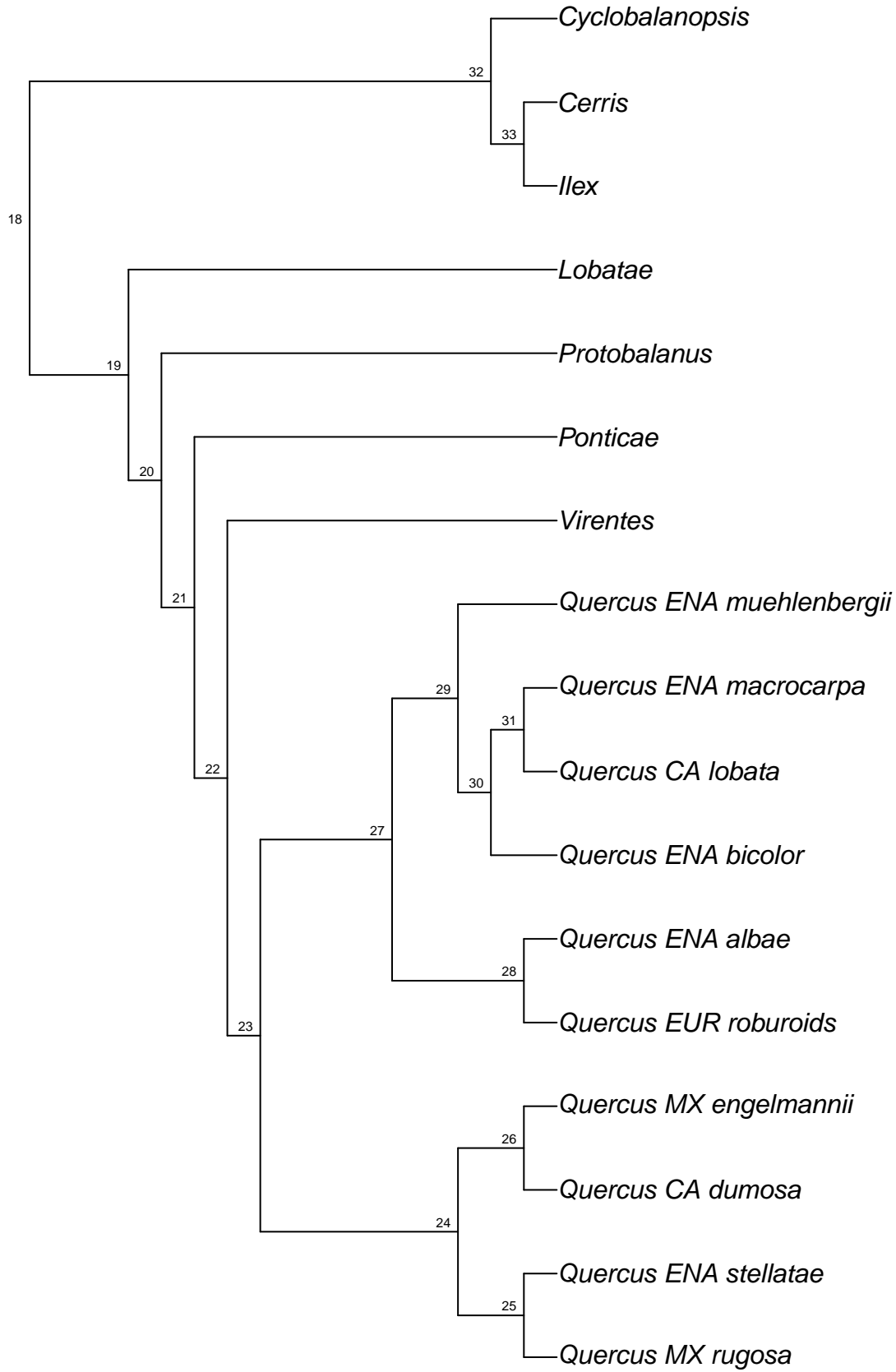
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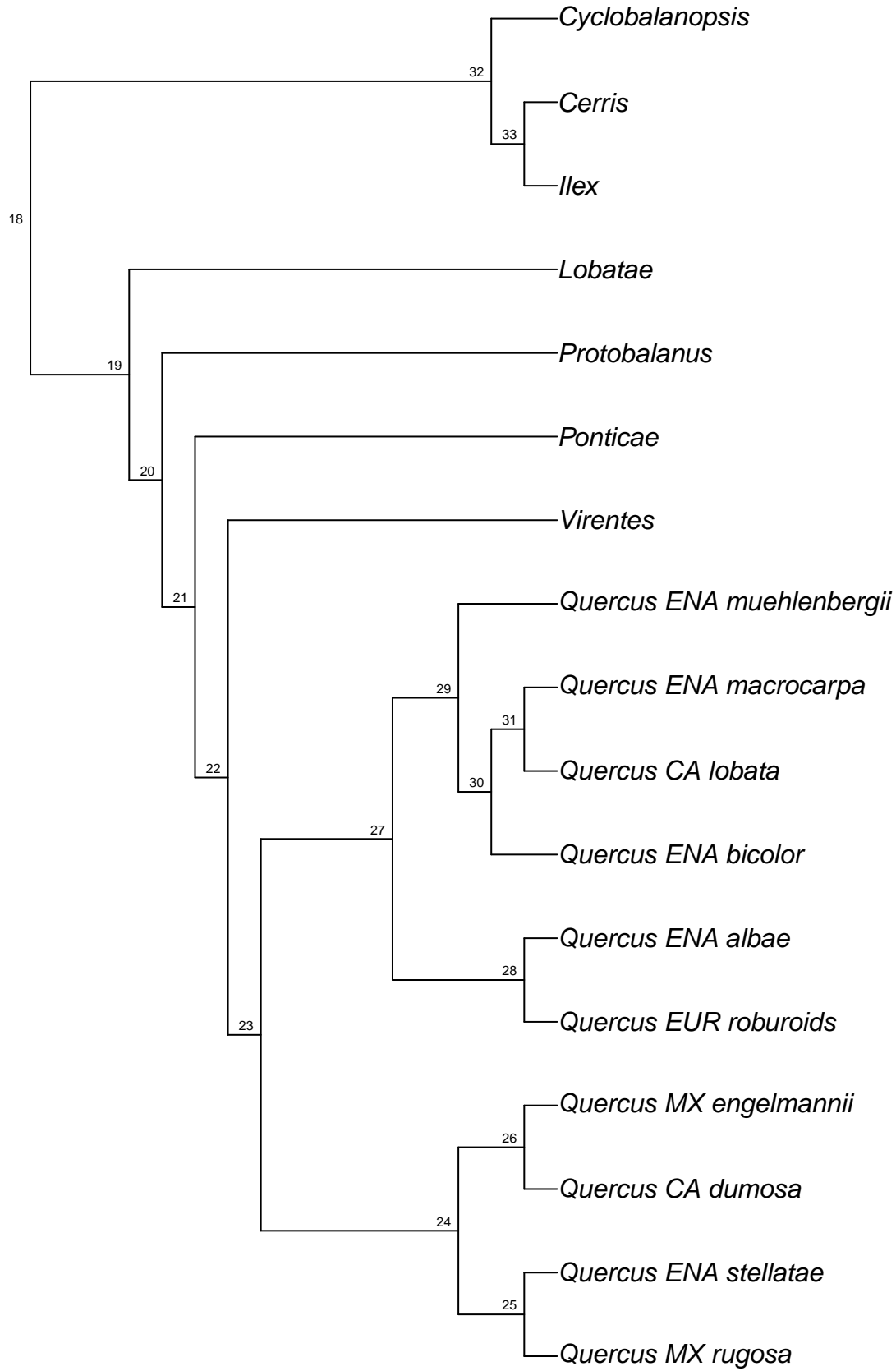
refRAD.ref_rubra_raxml.bt042



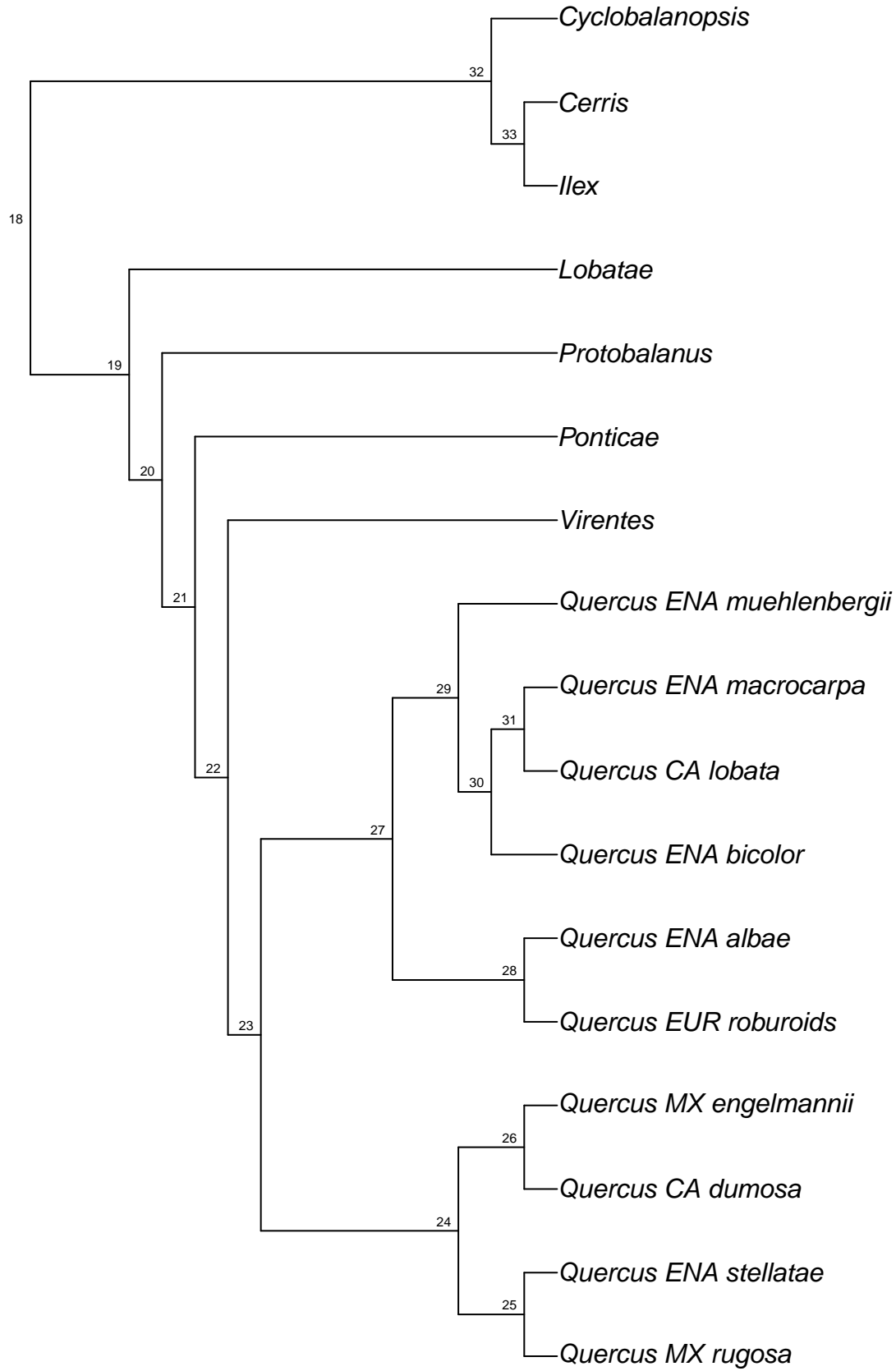
refRAD.ref_rubra_raxml.bt043



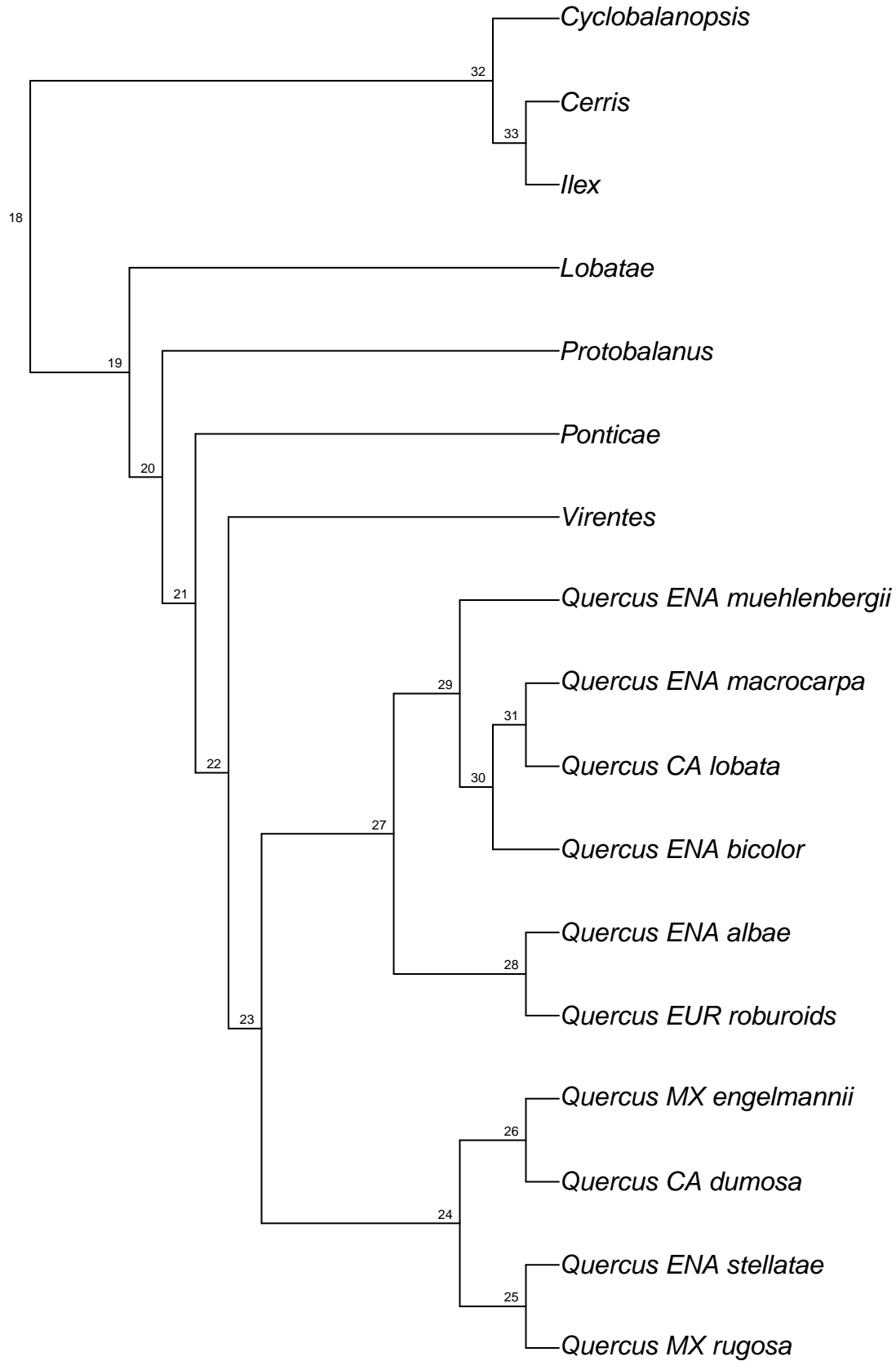
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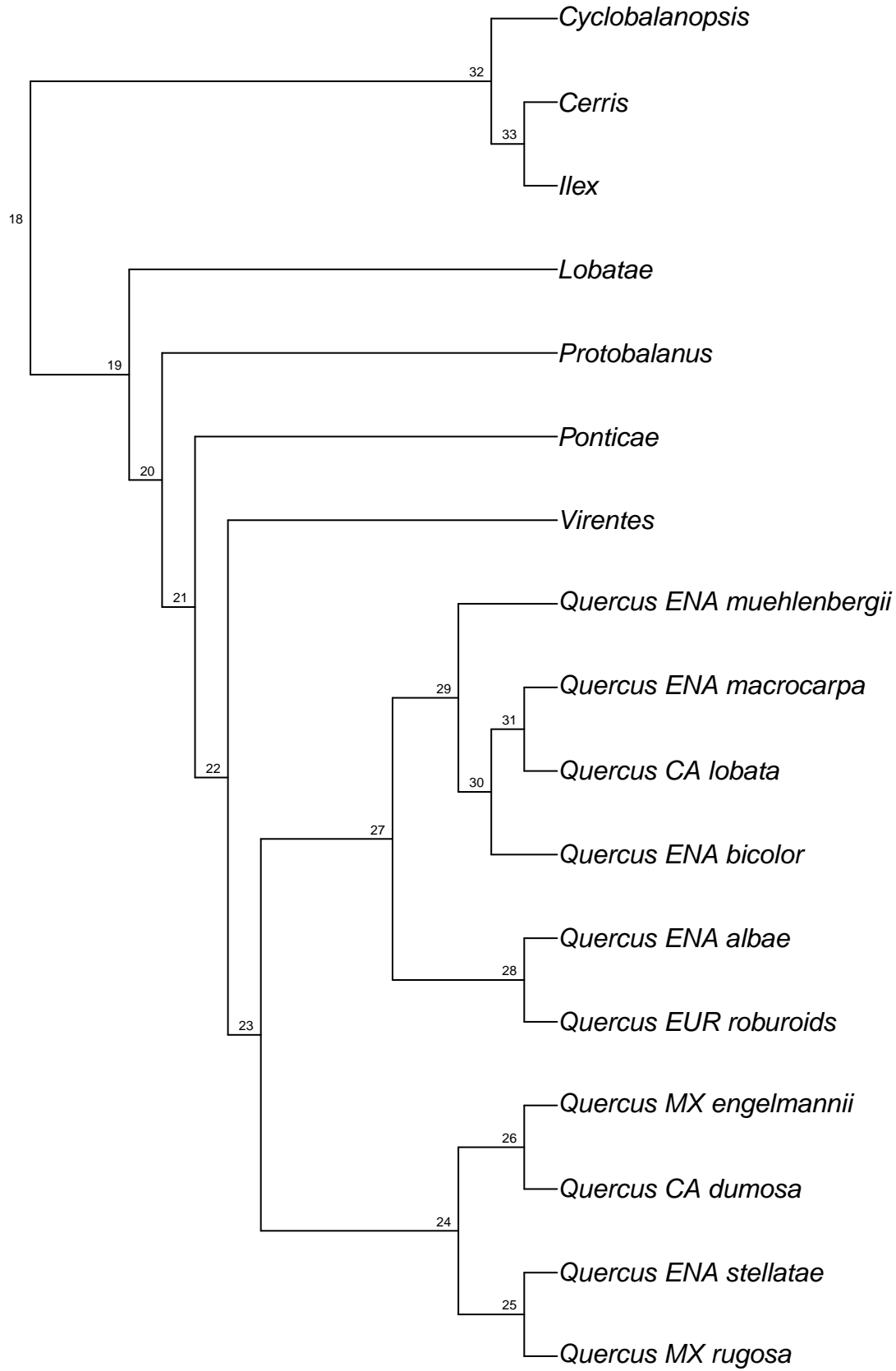
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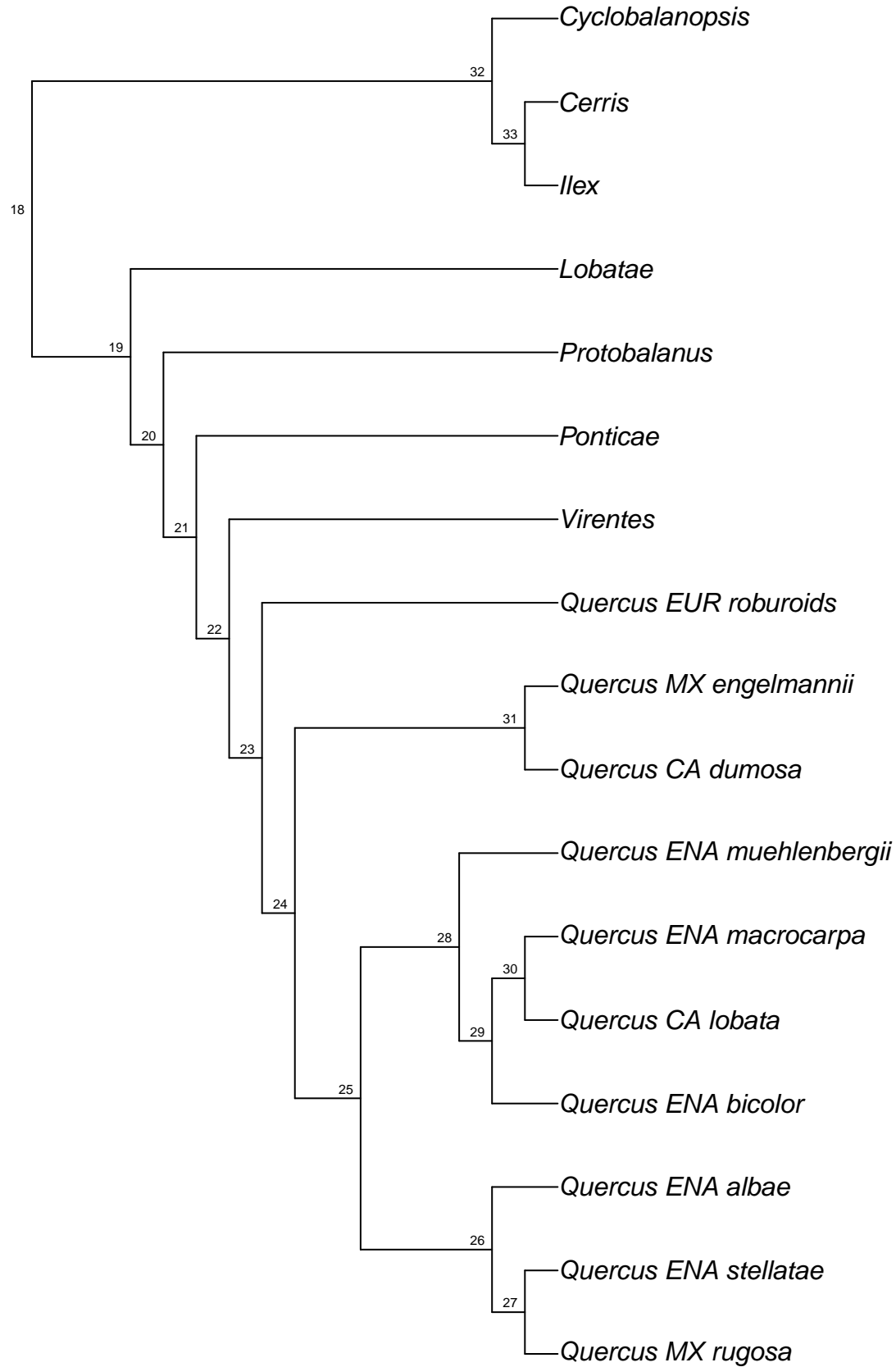
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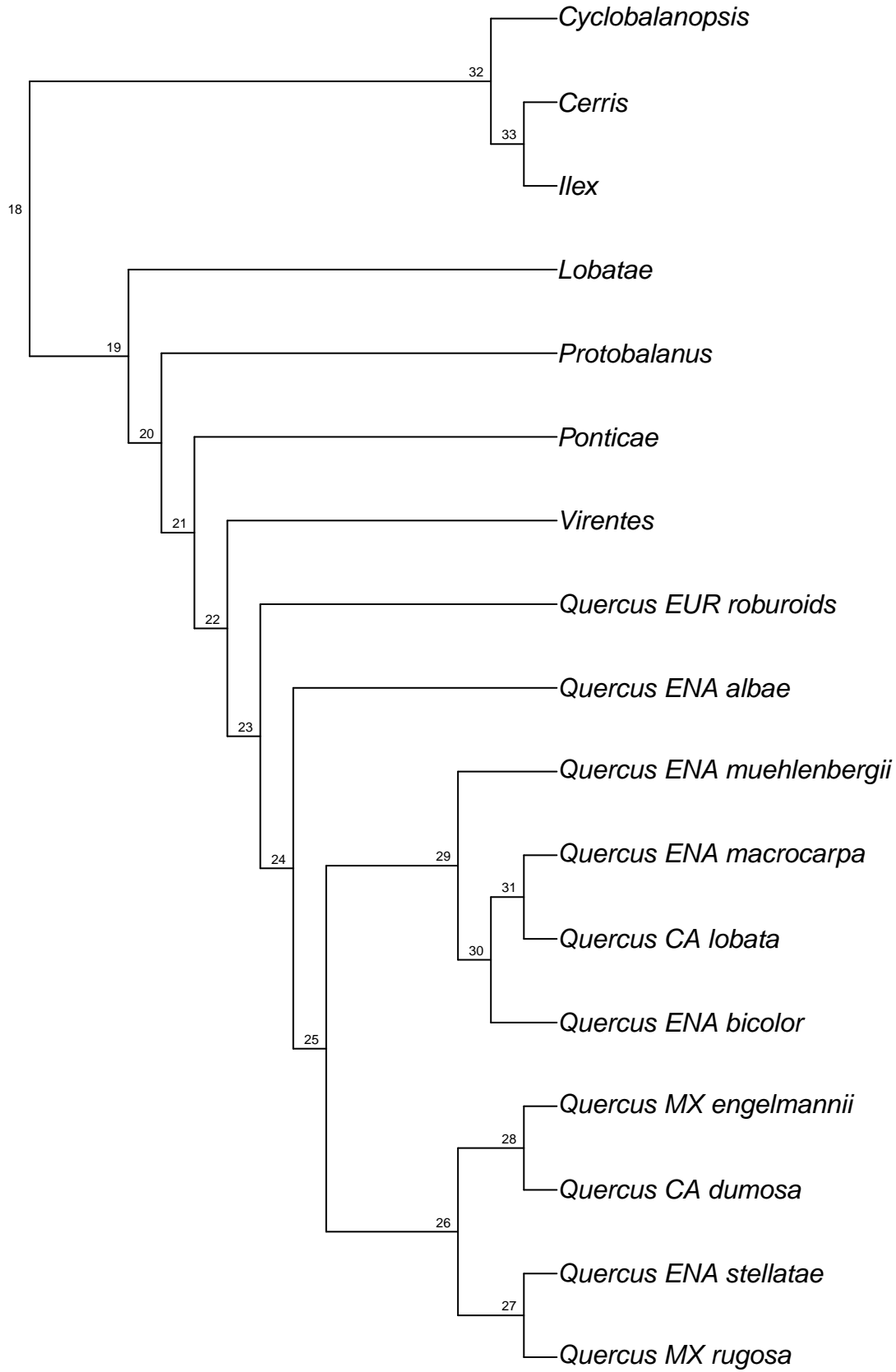
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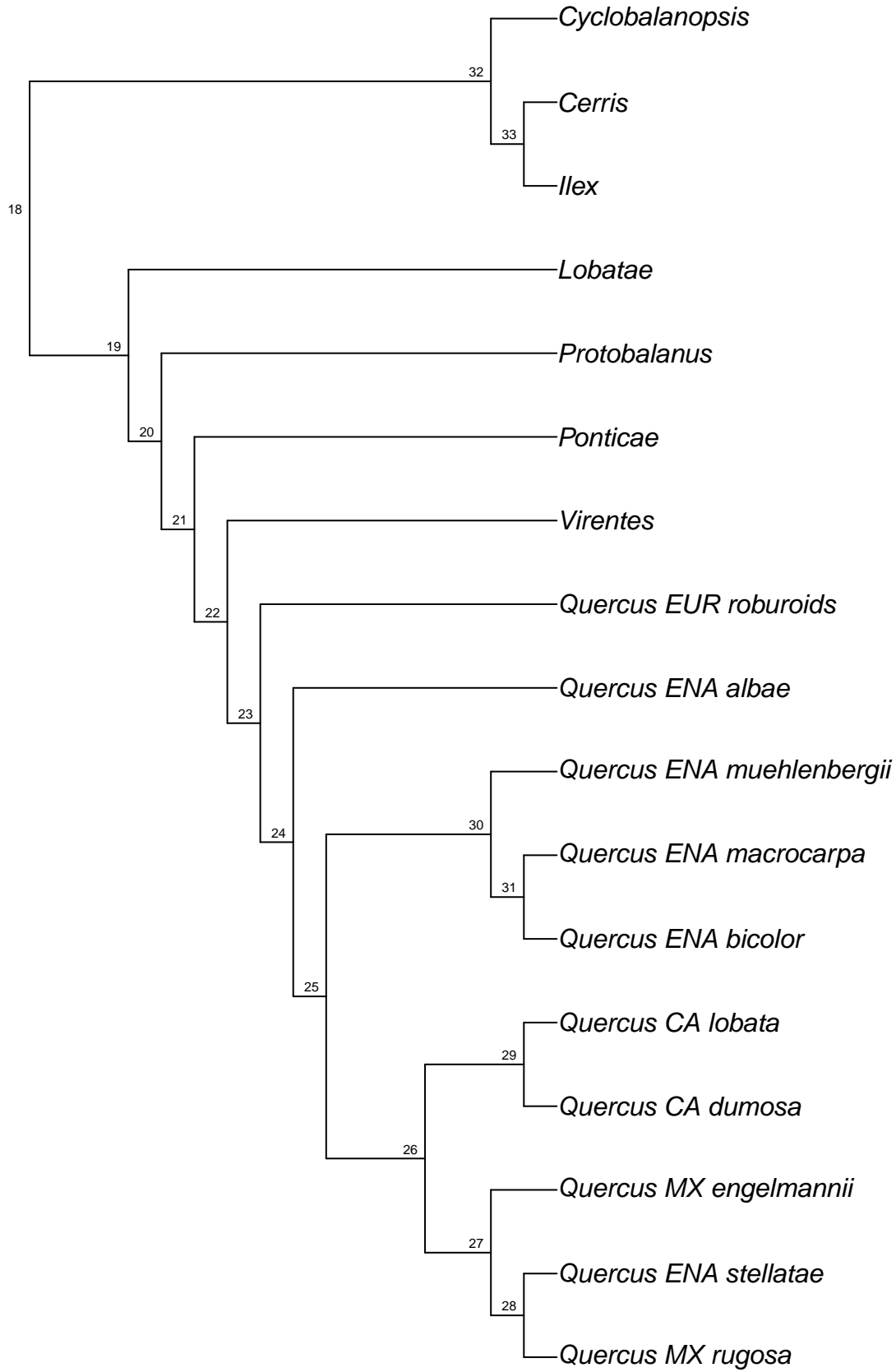
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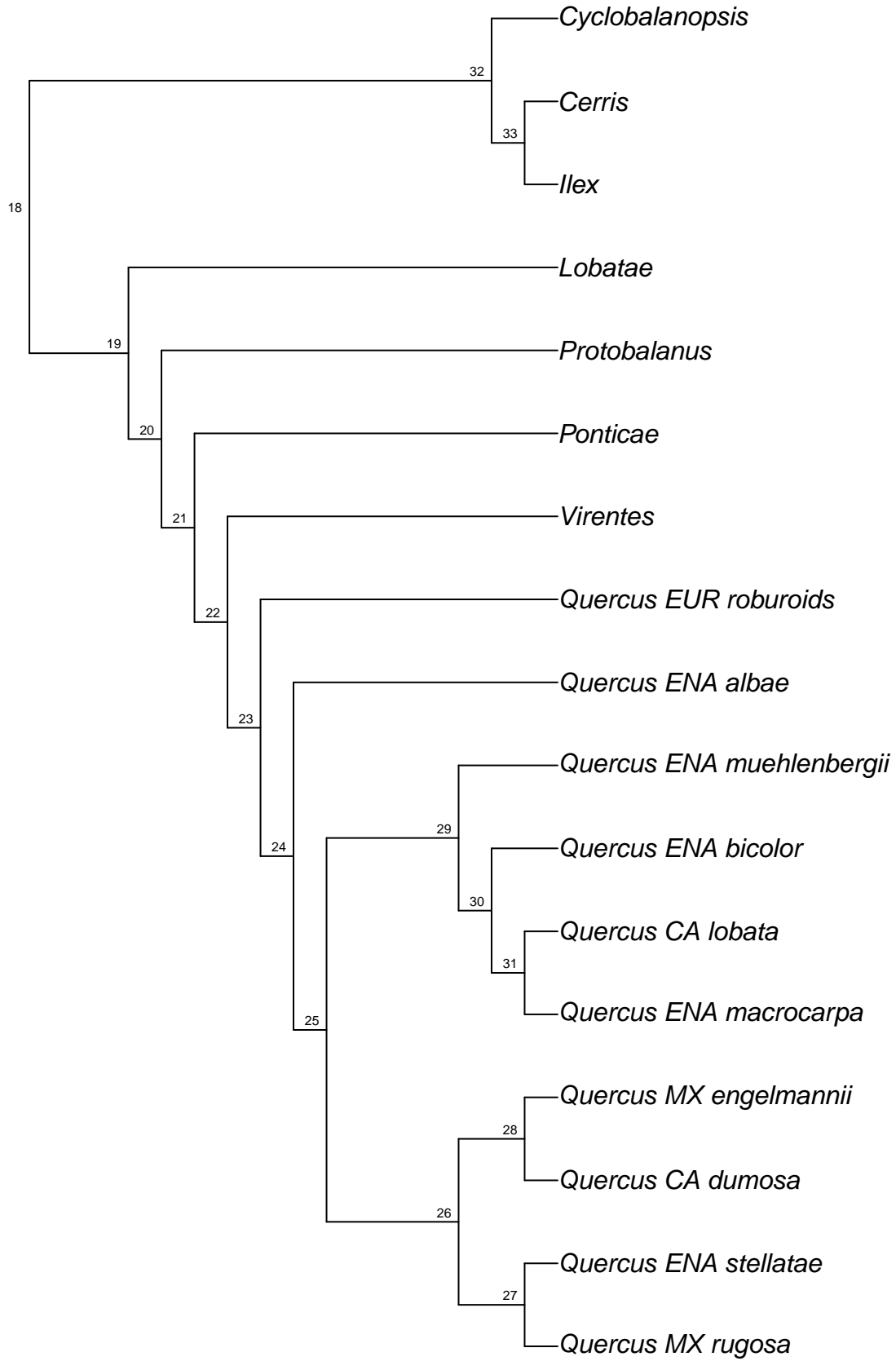
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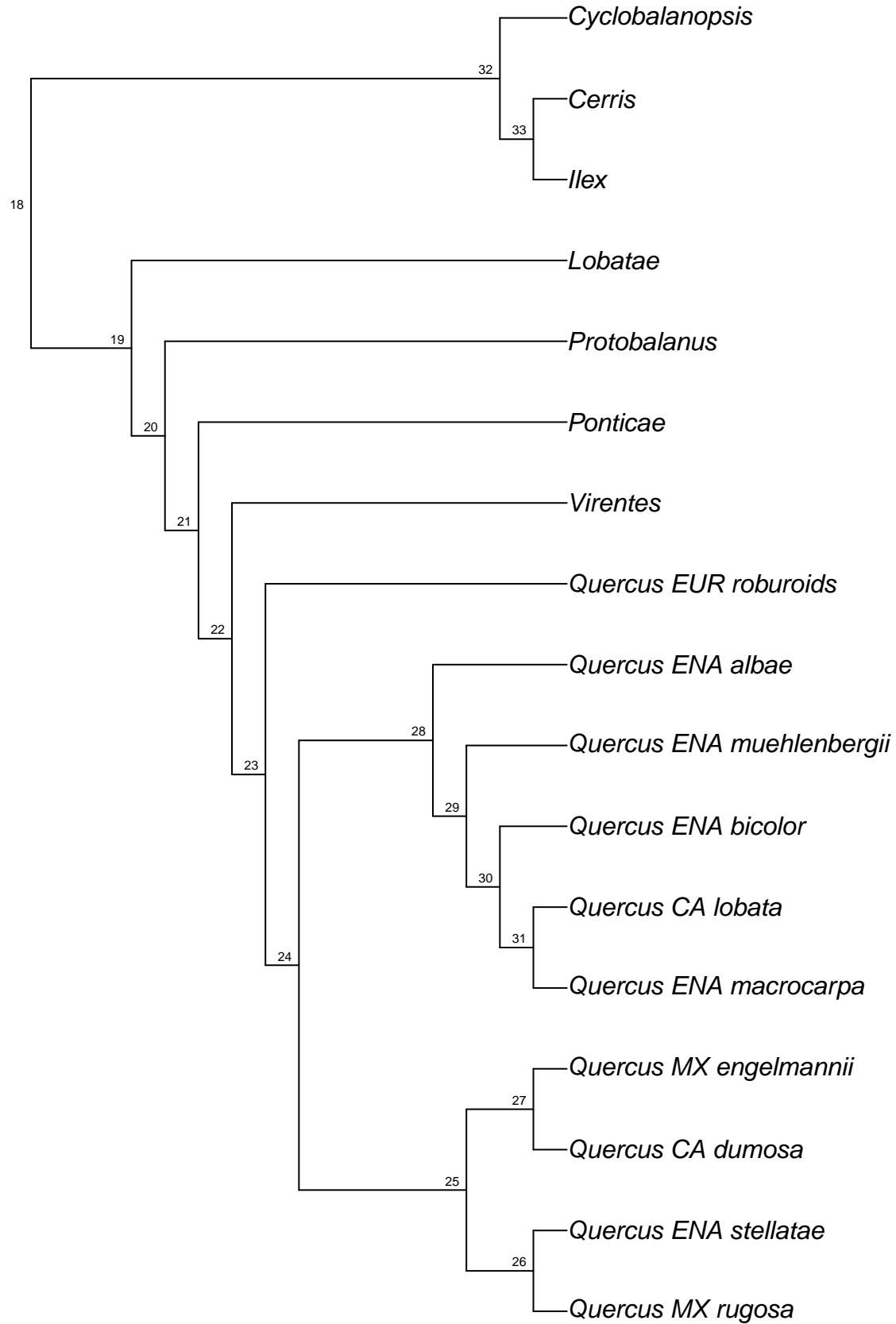
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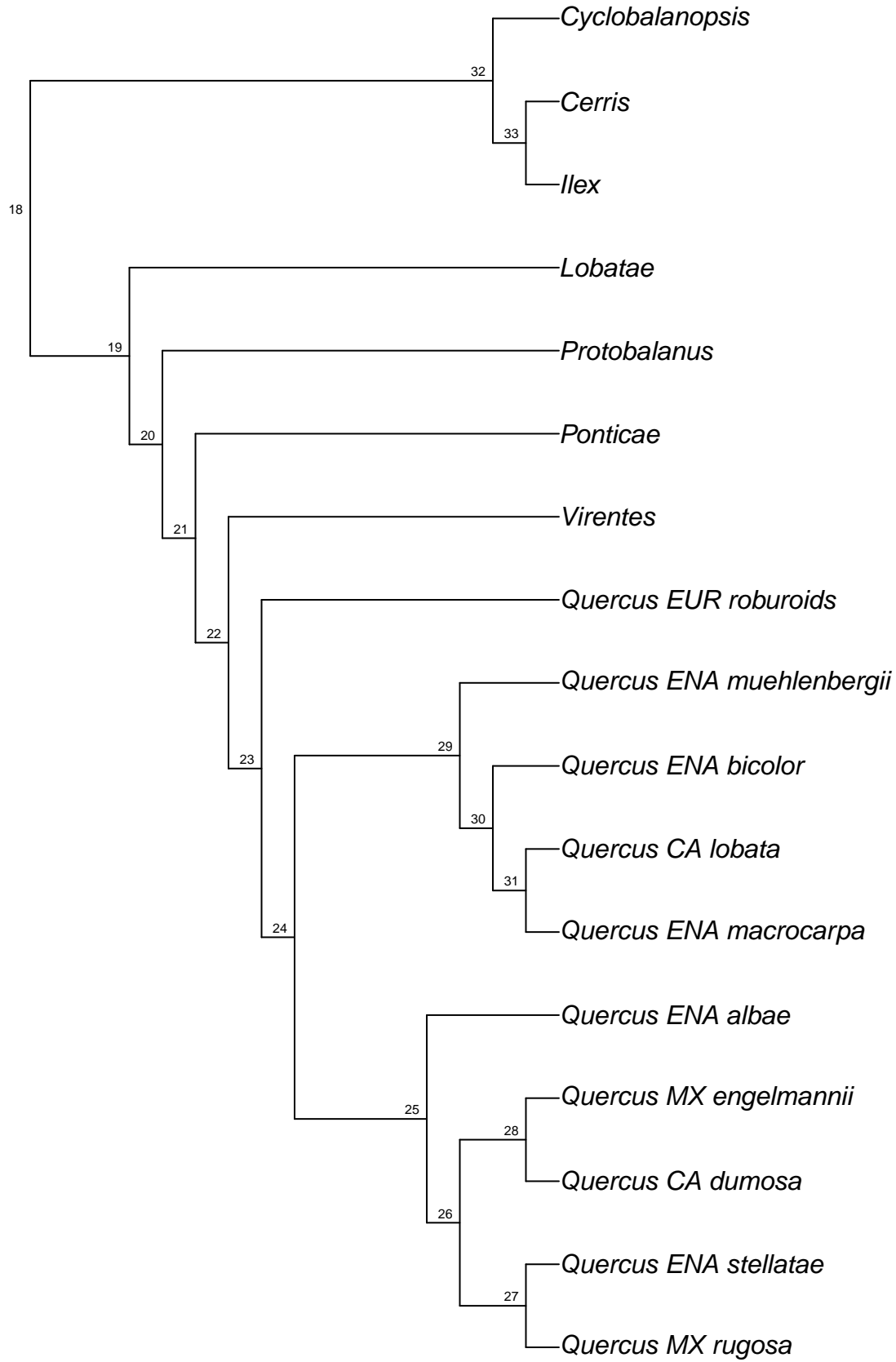
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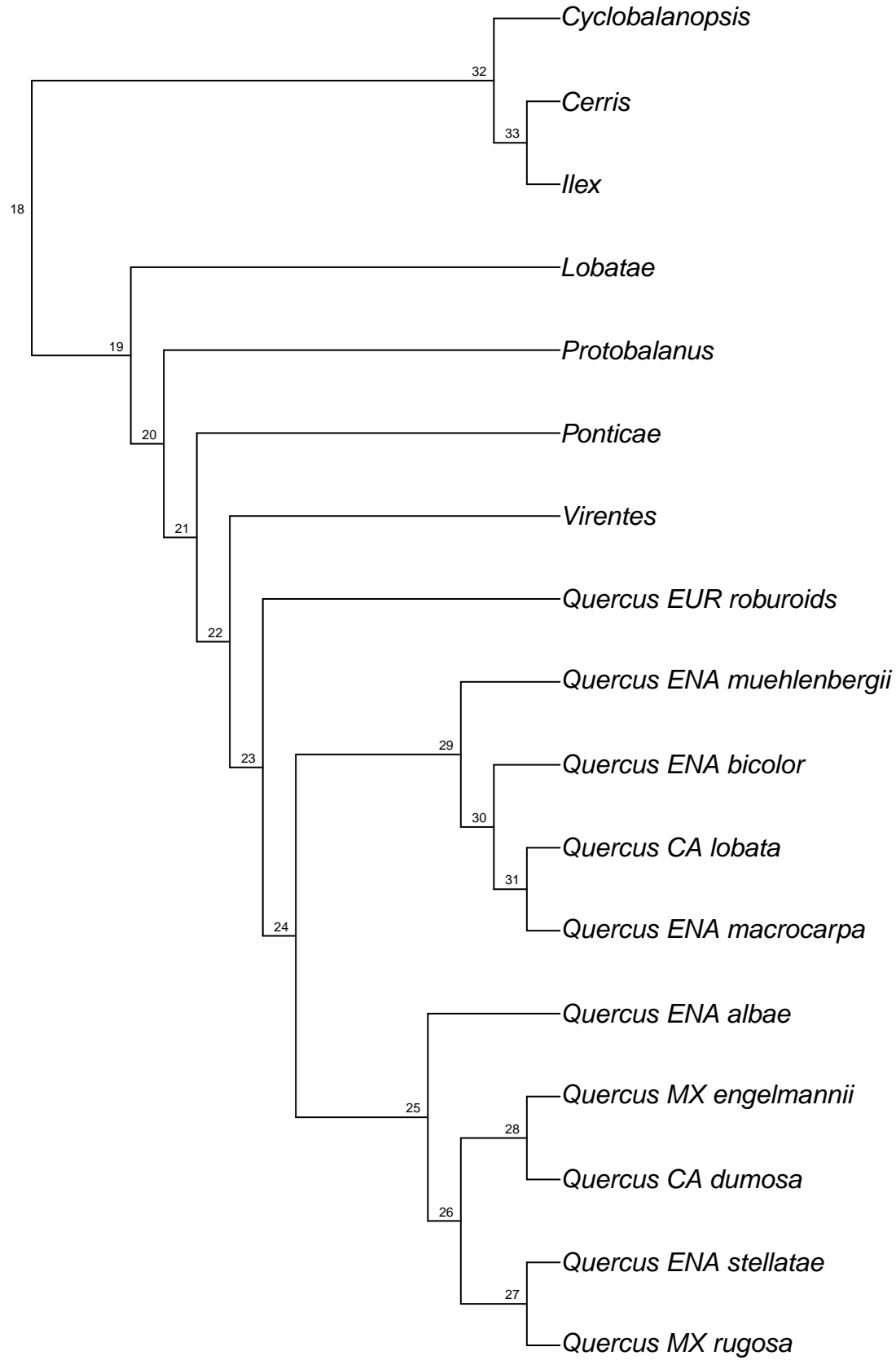
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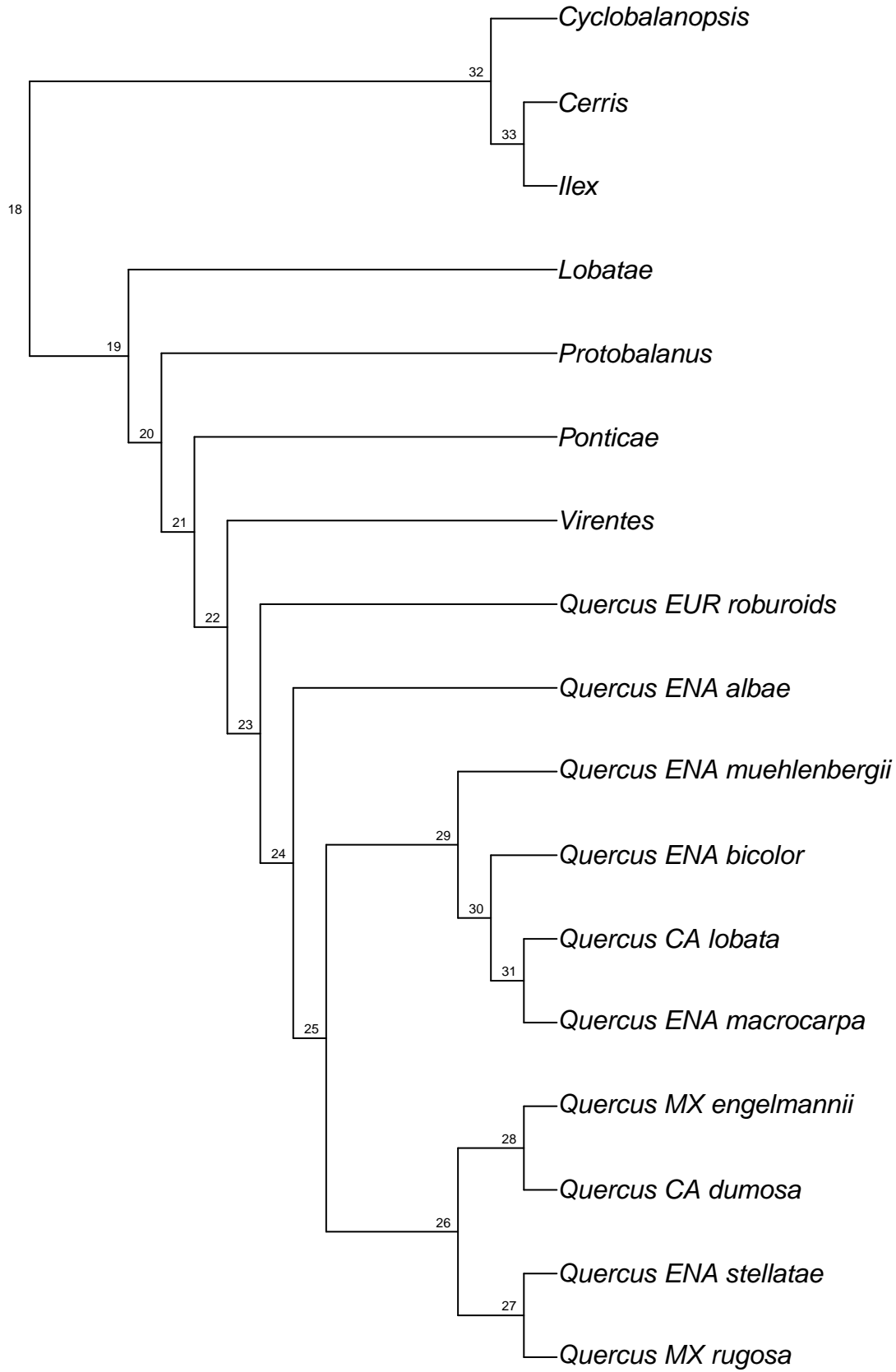
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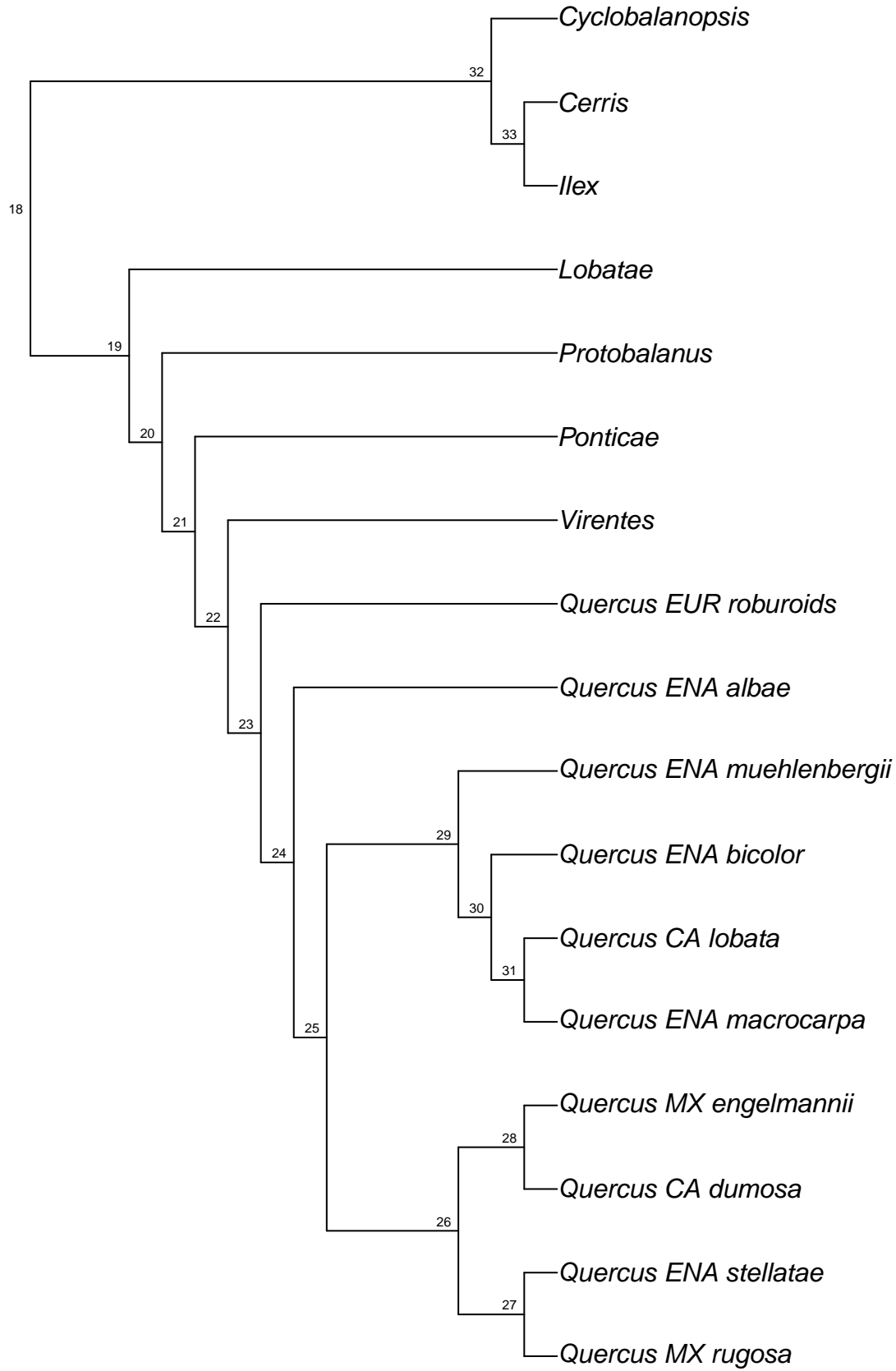
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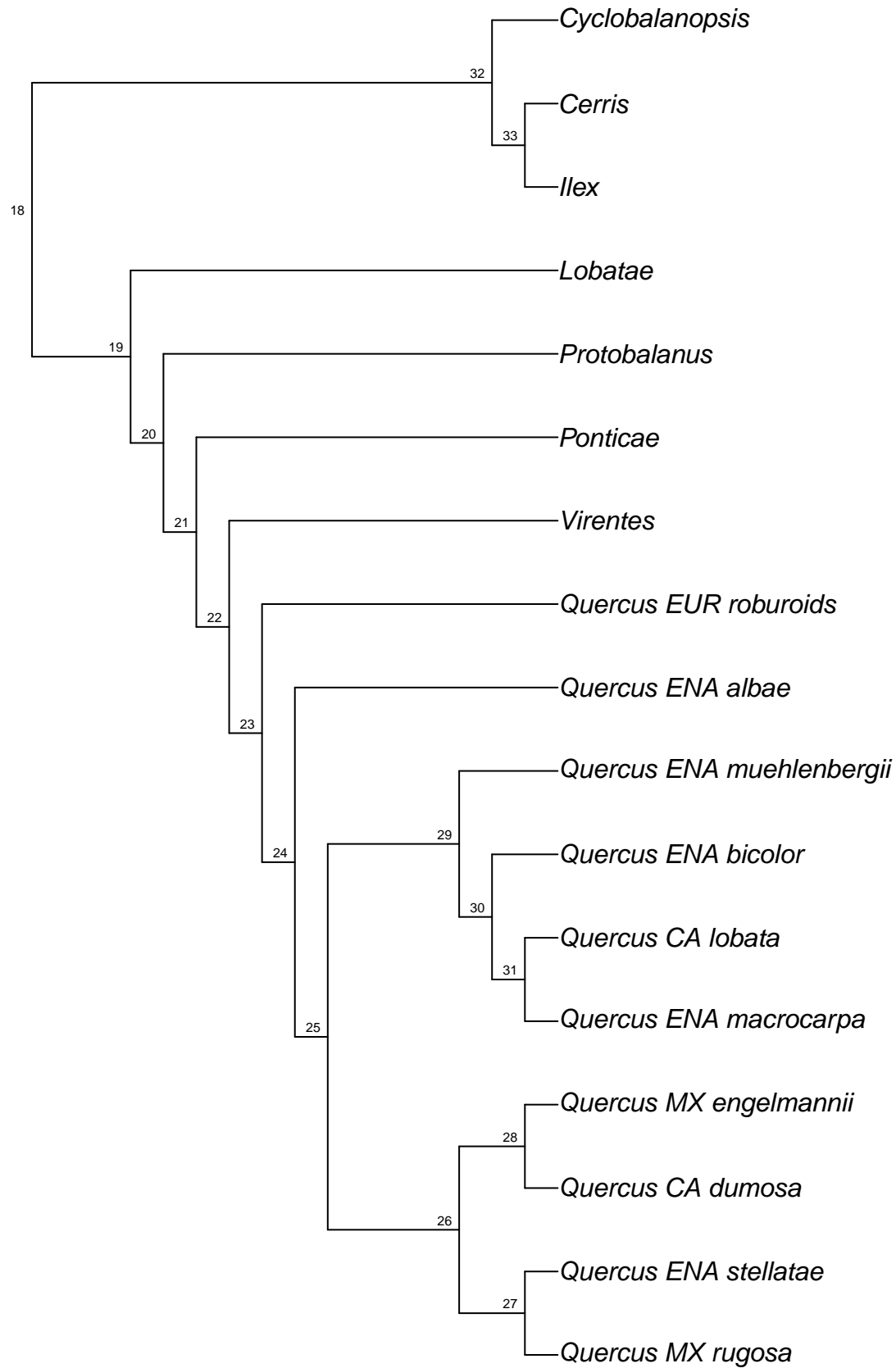
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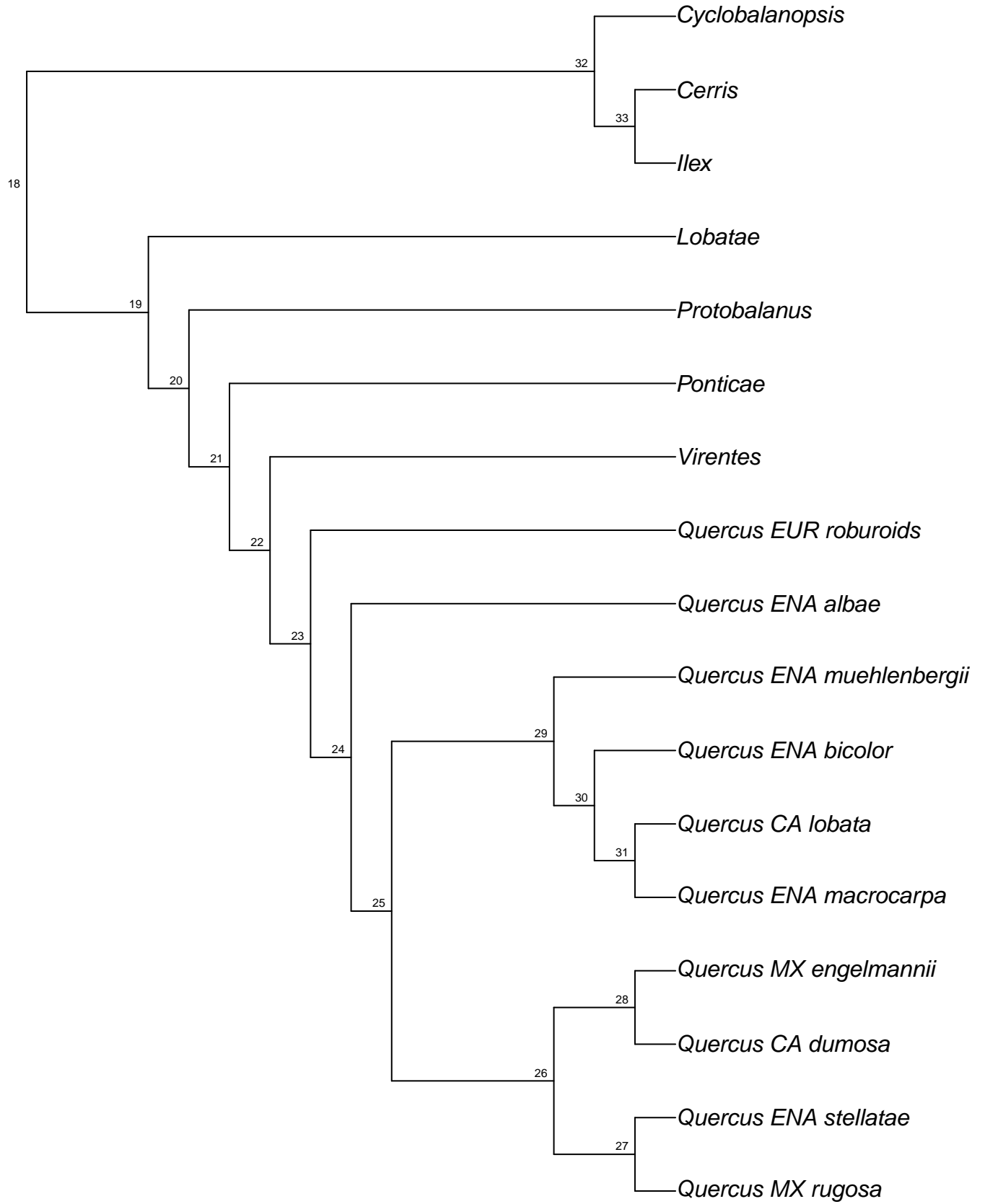
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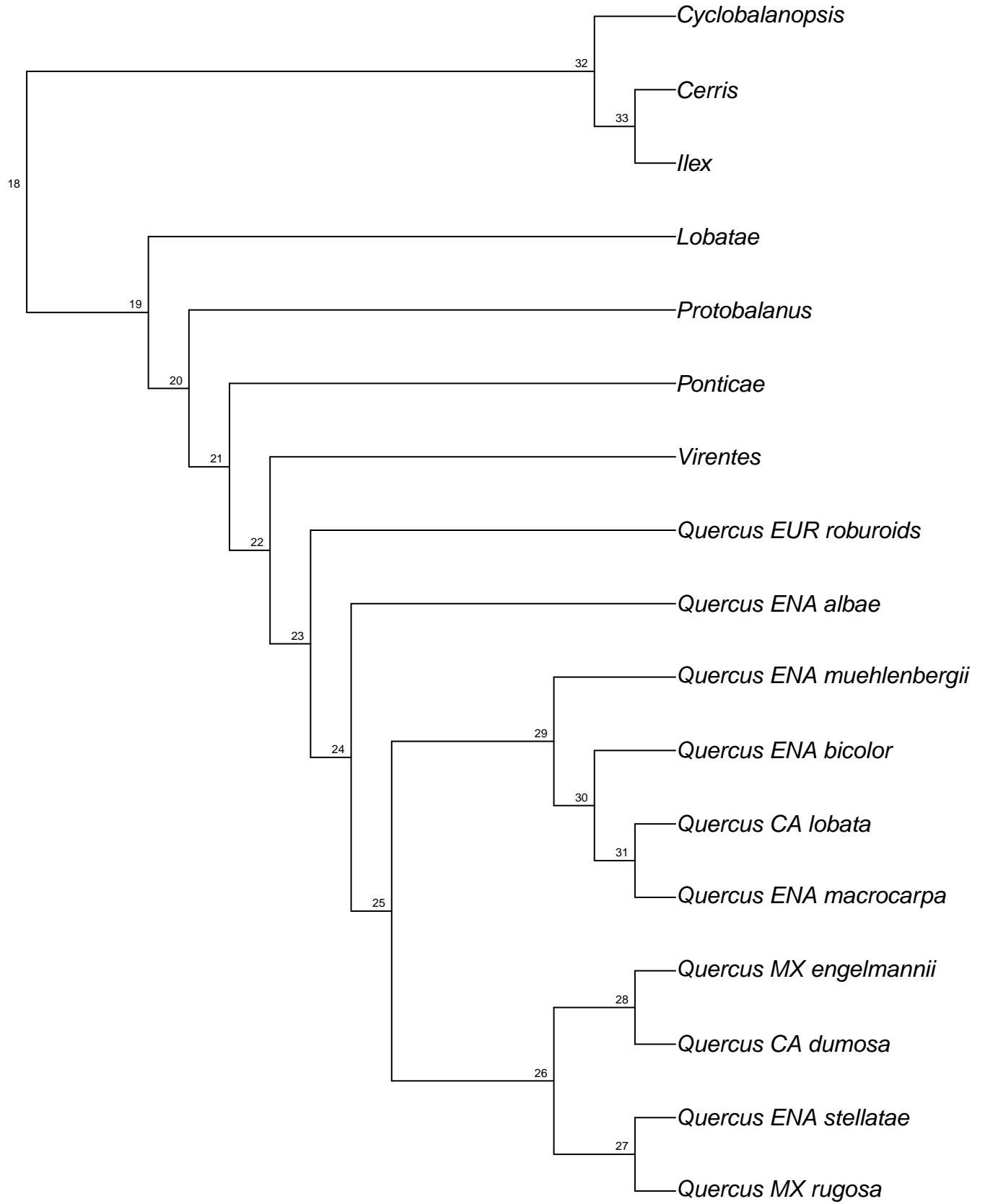
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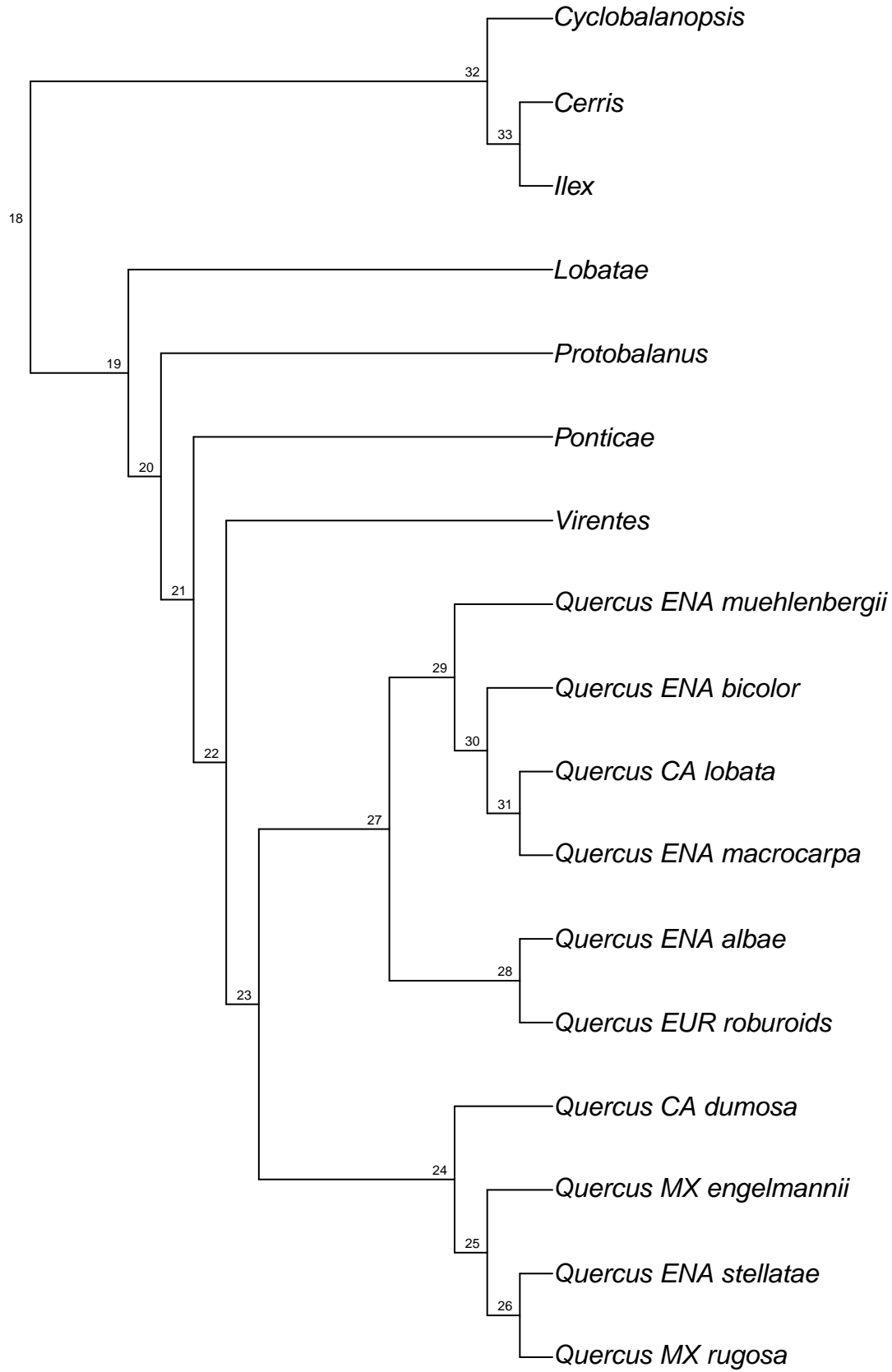
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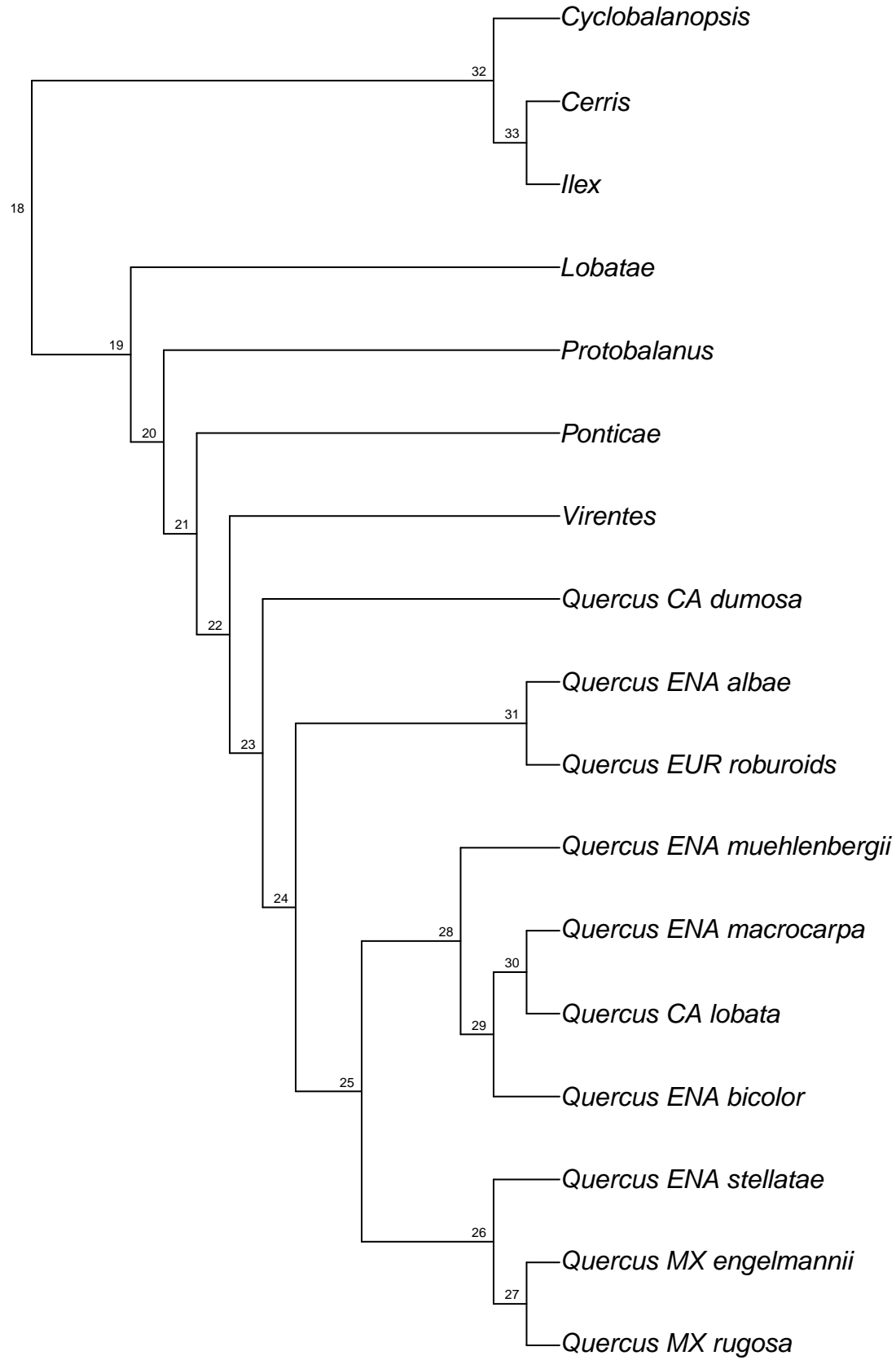
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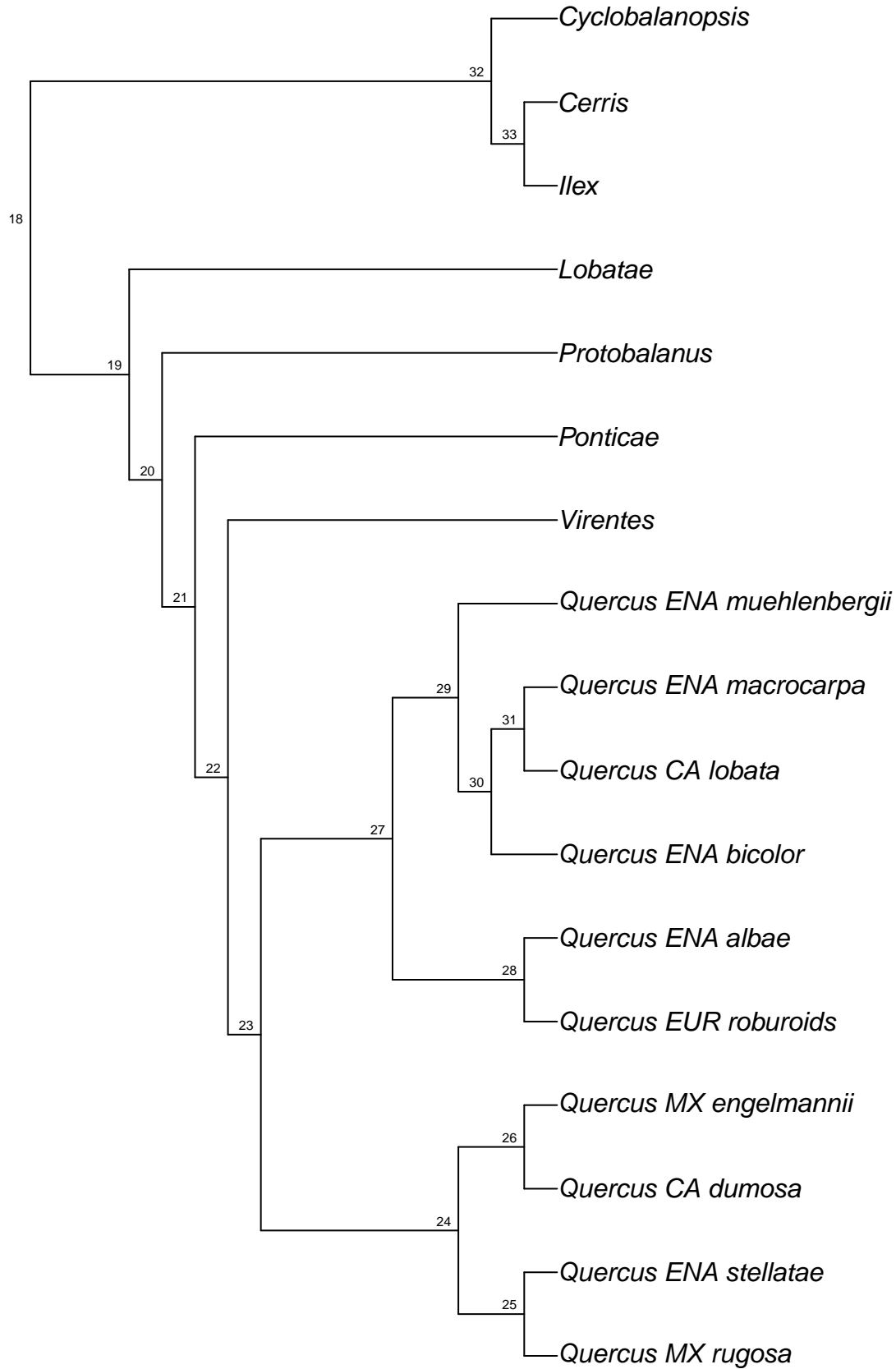
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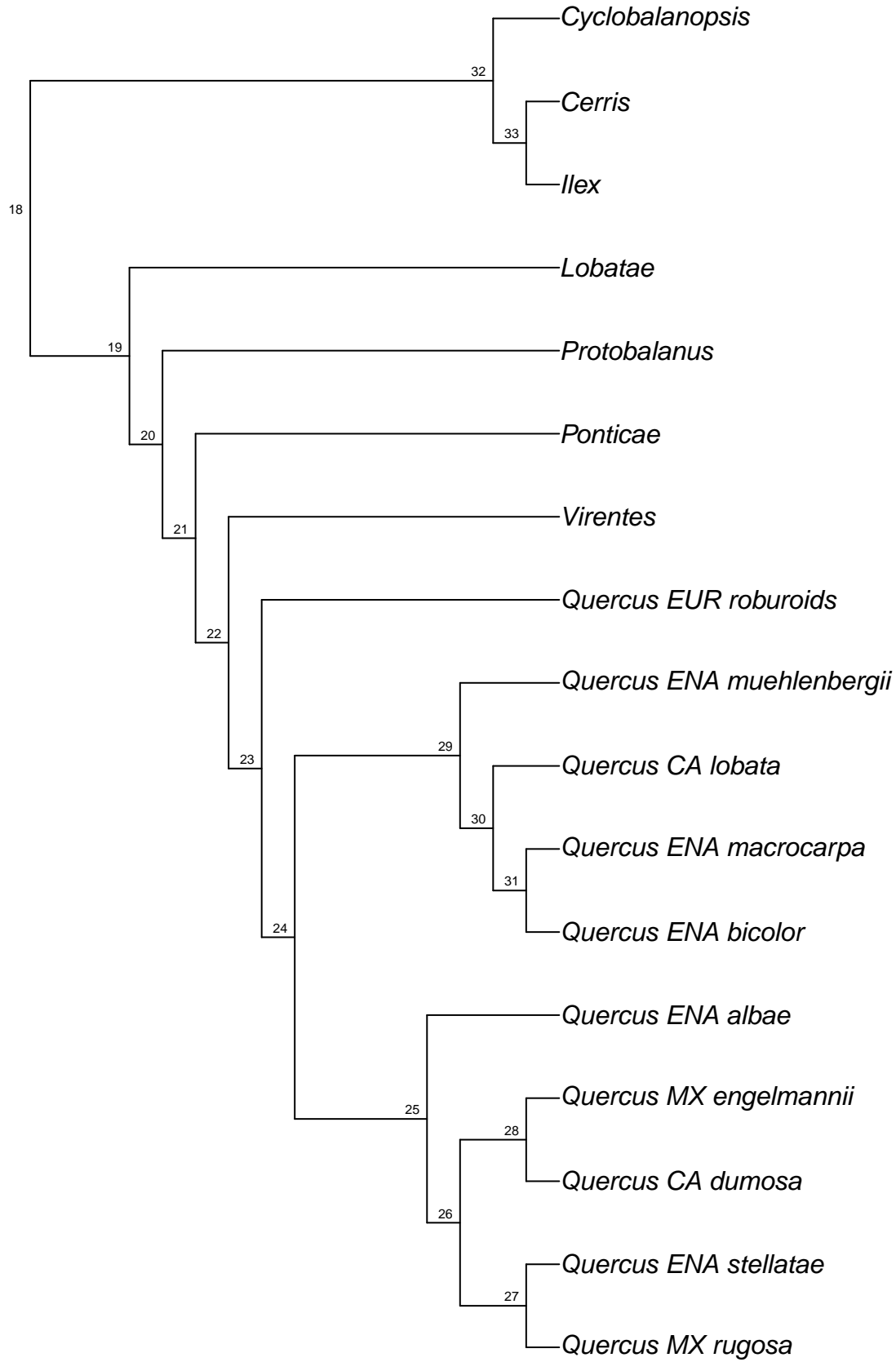
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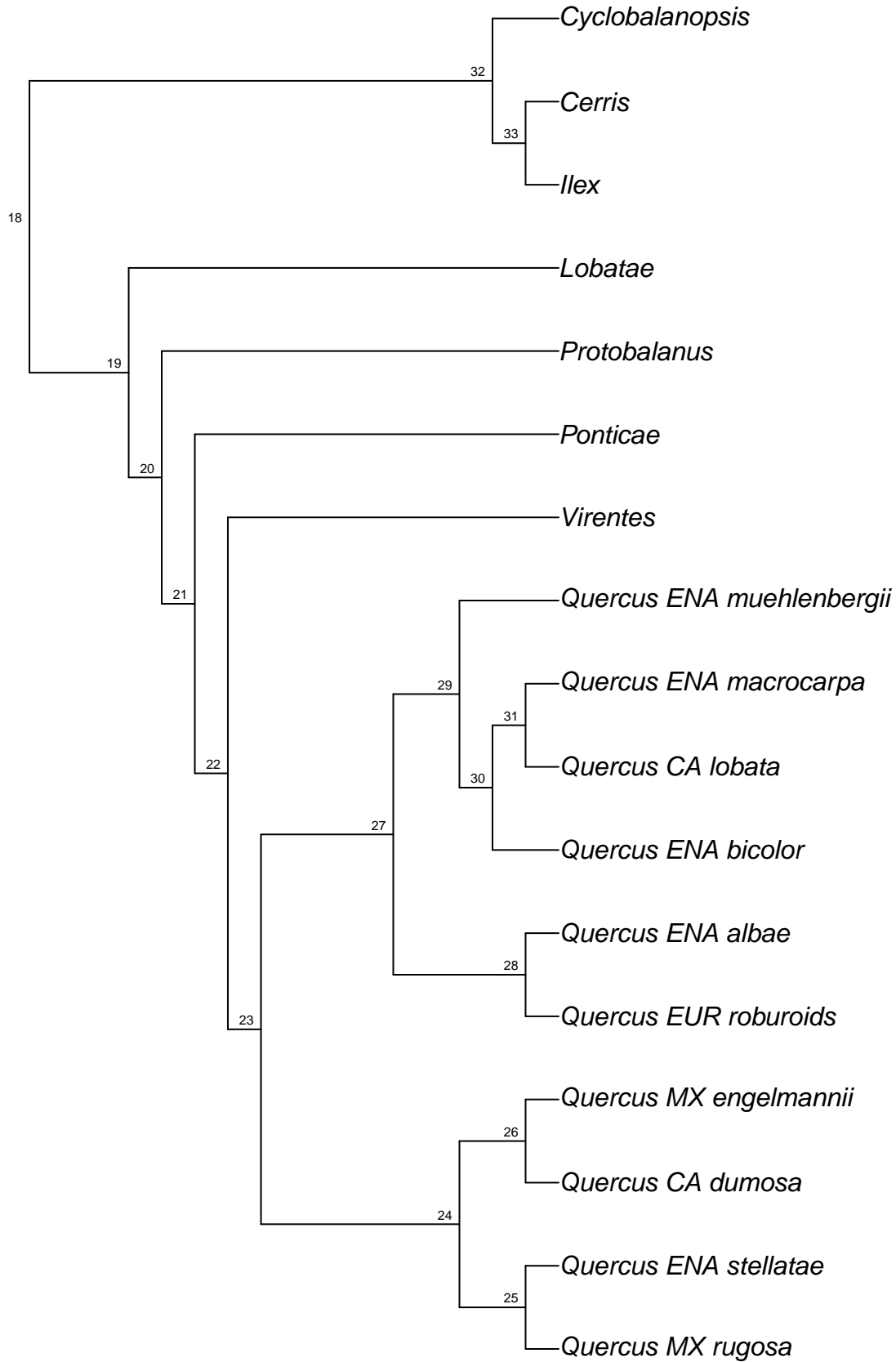
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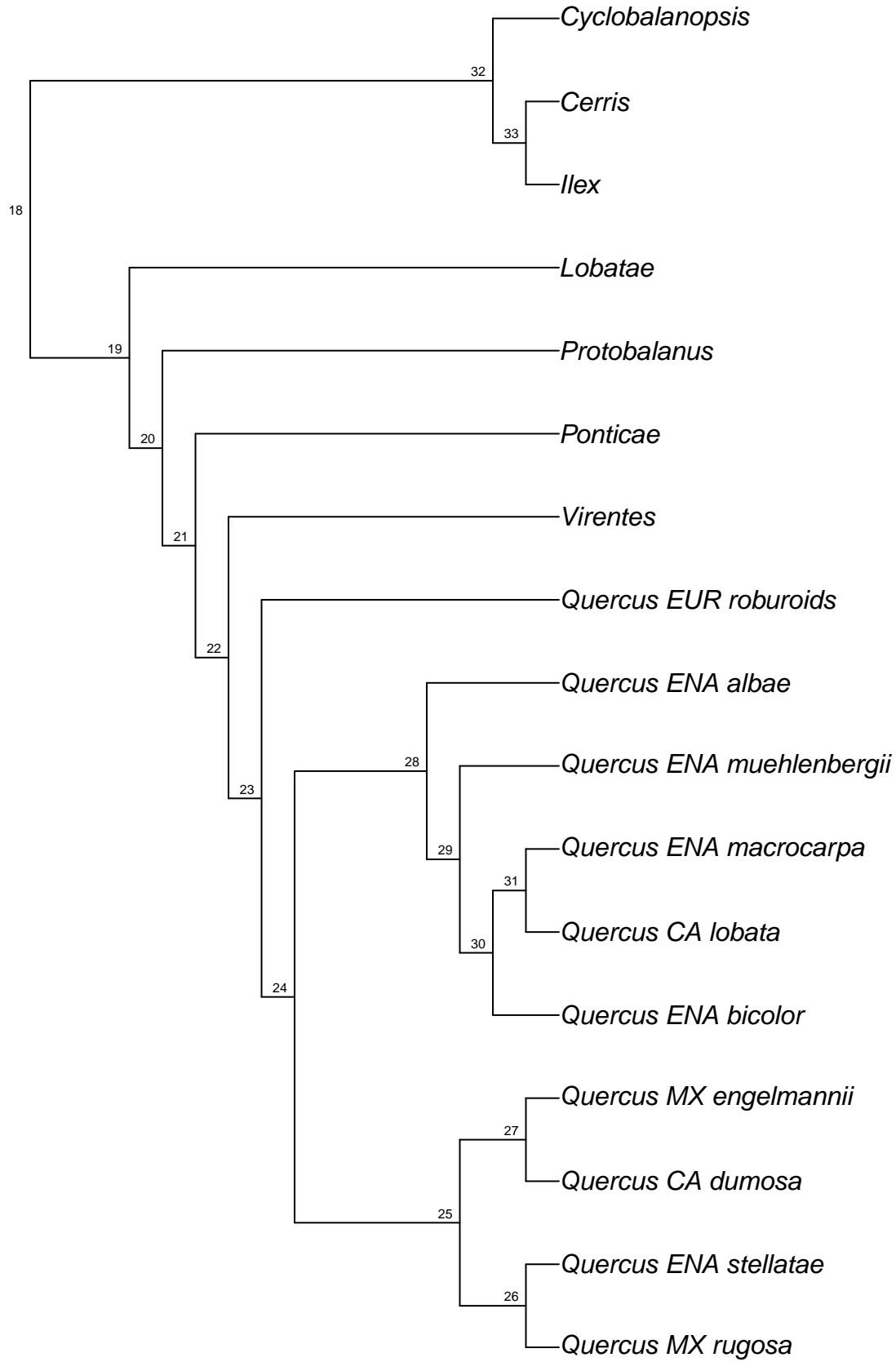
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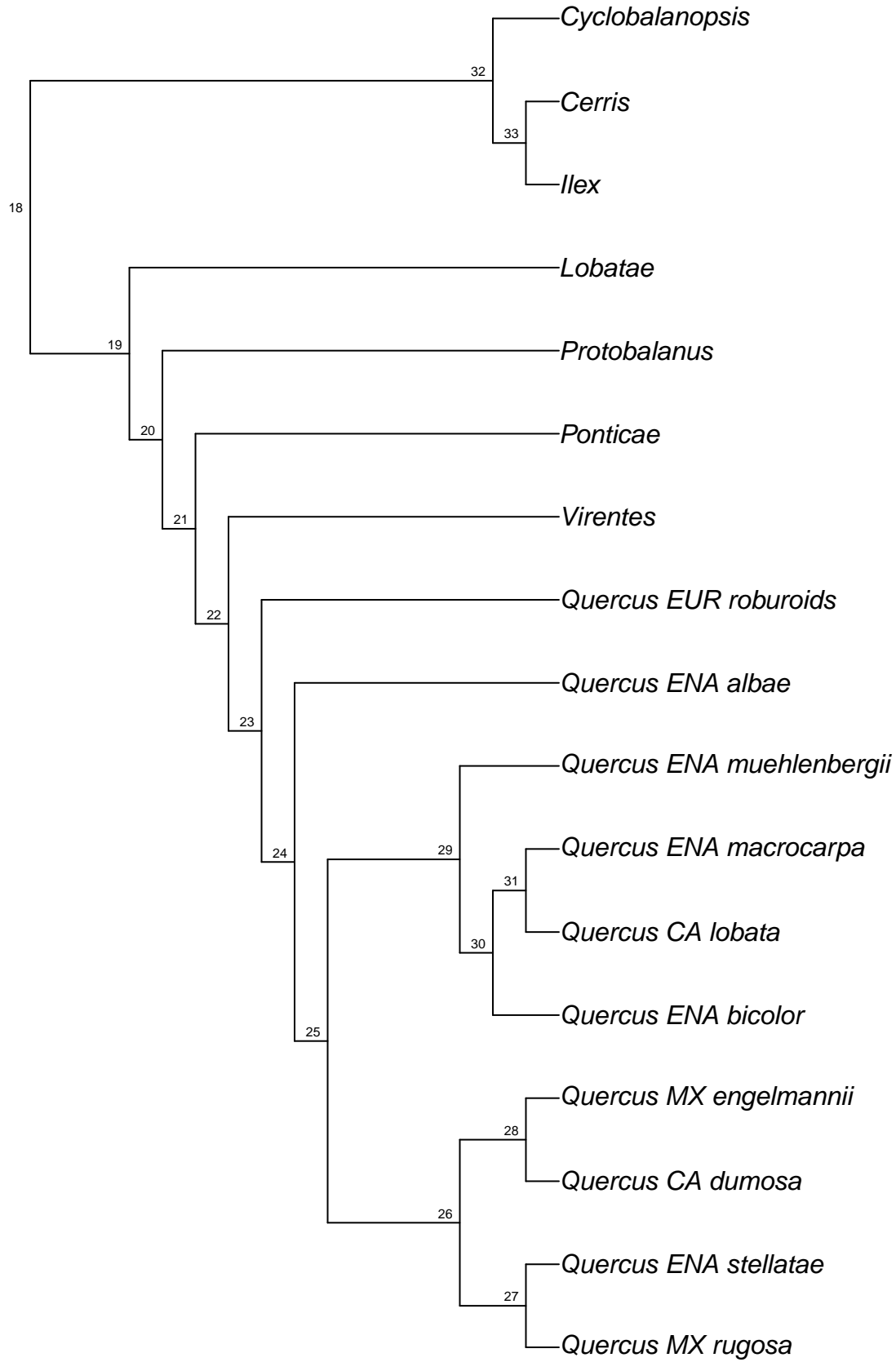
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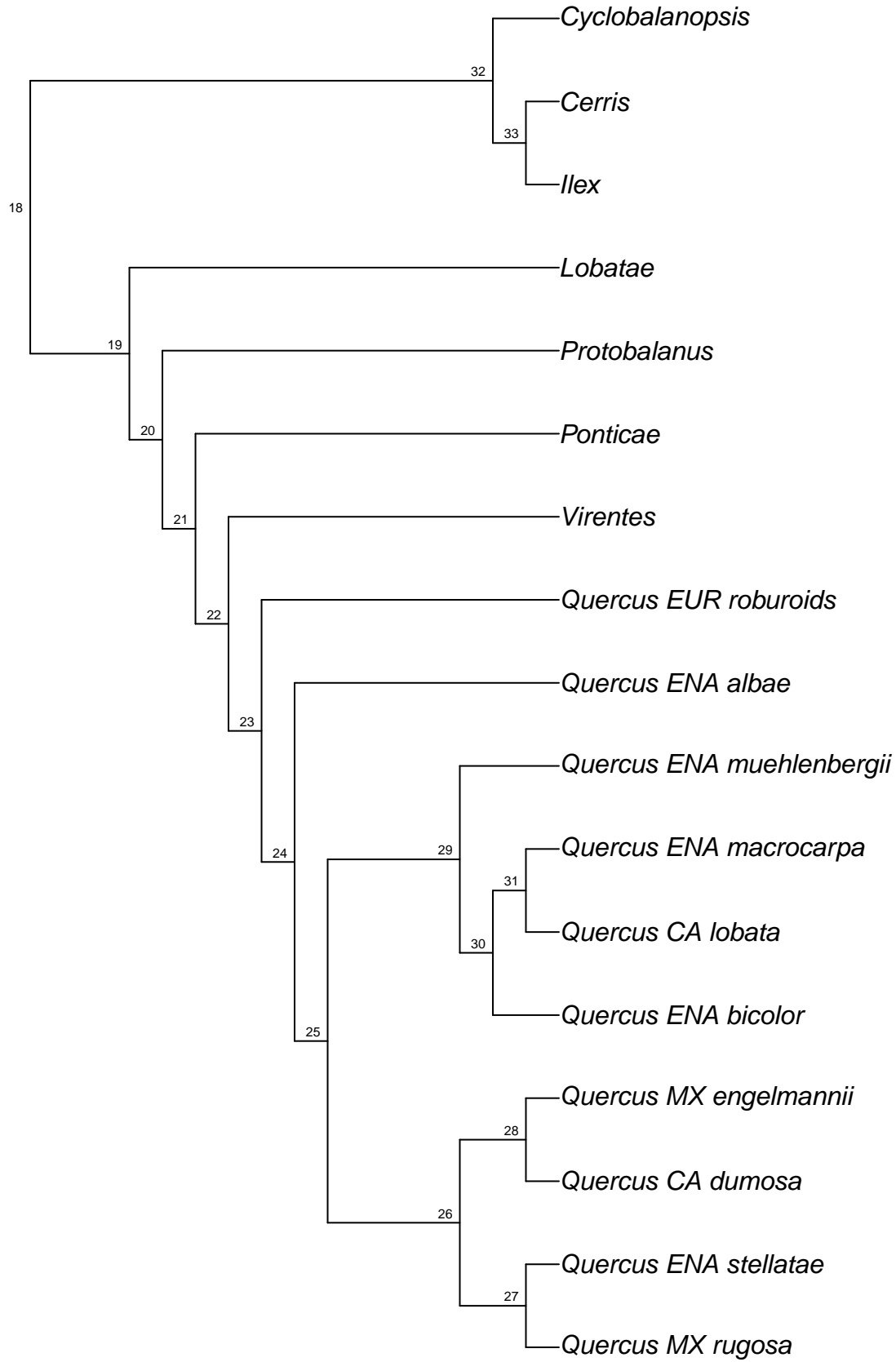
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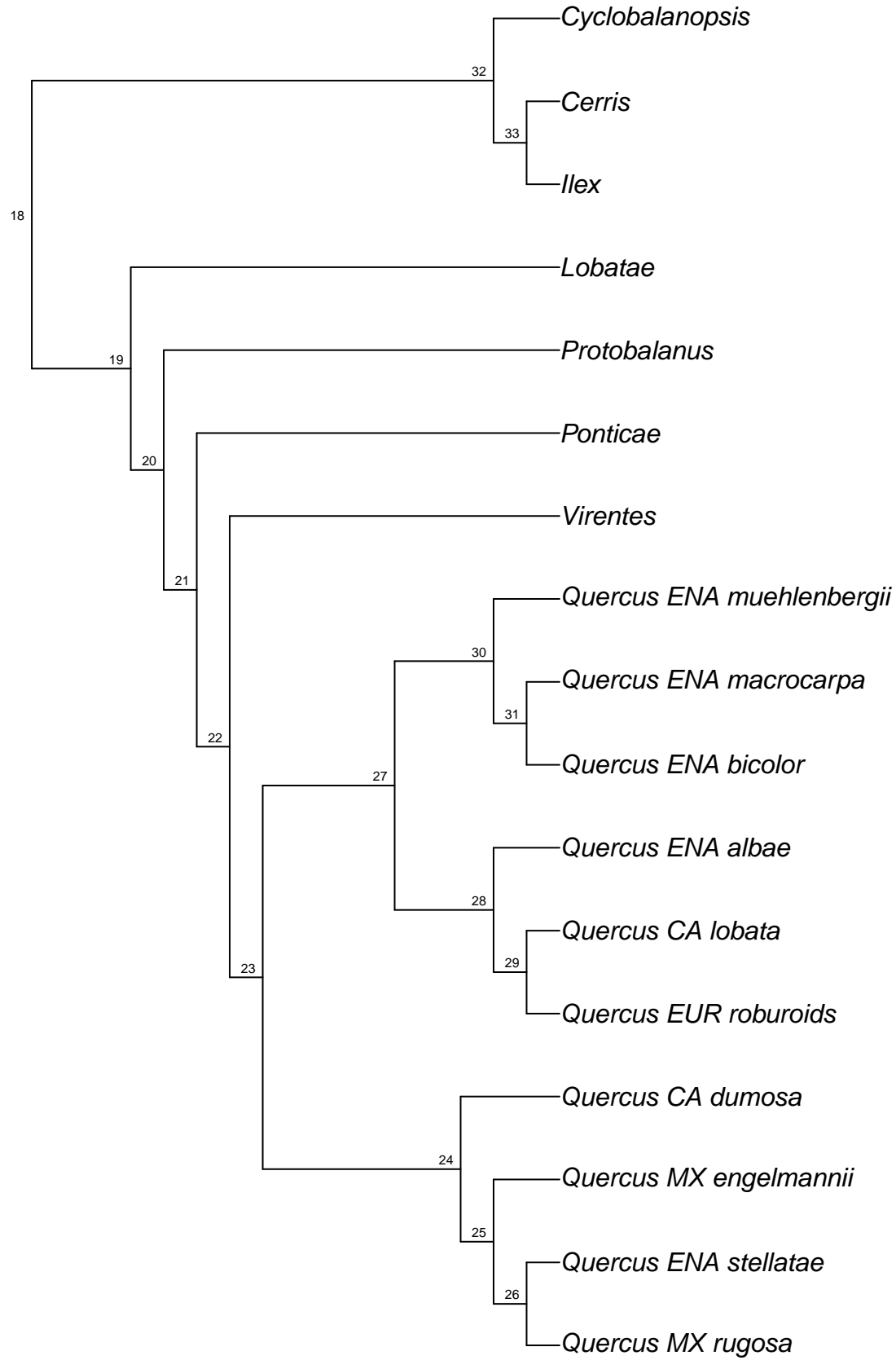
refRAD.ref_rubra_raxml.bt066



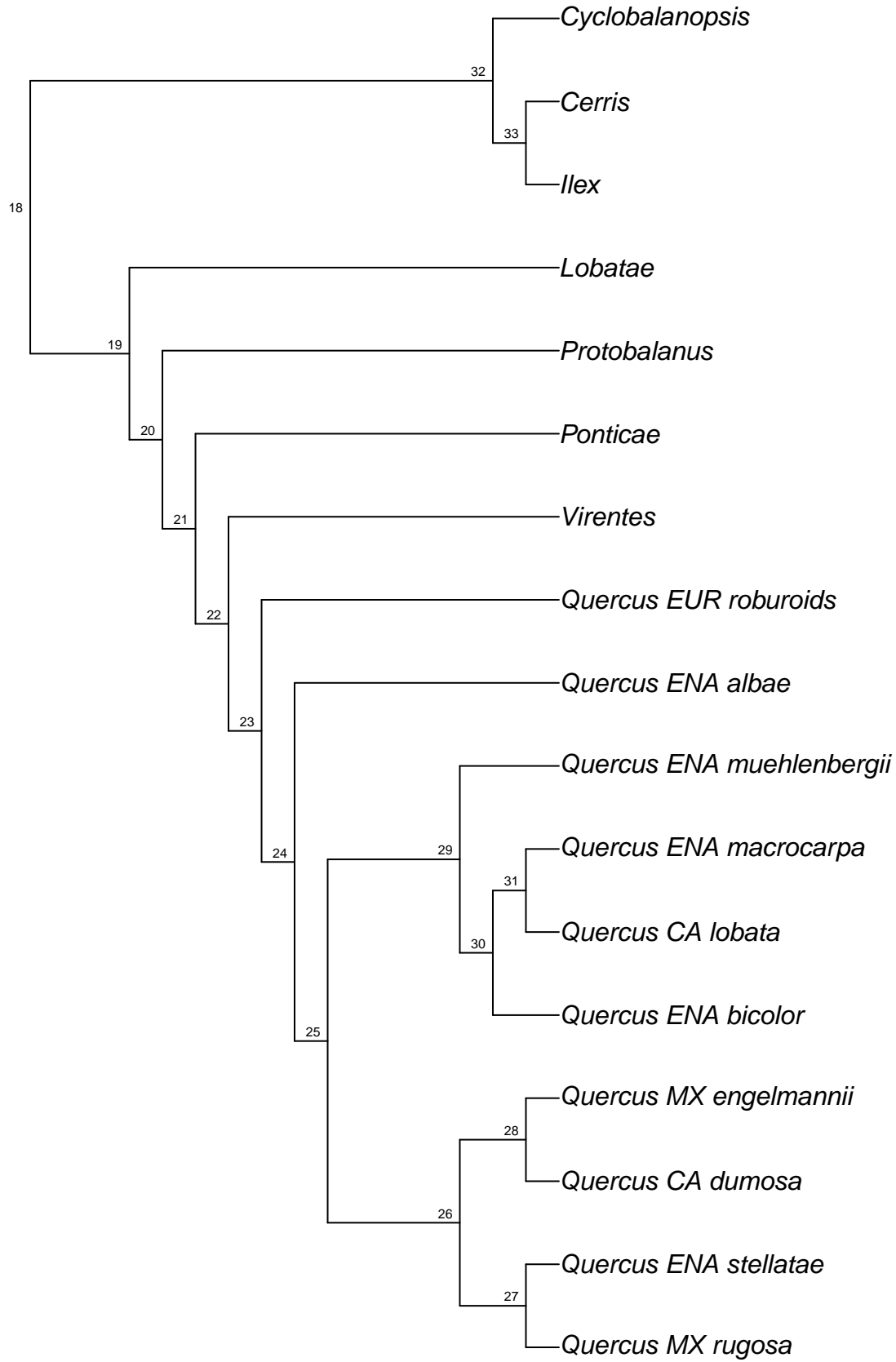
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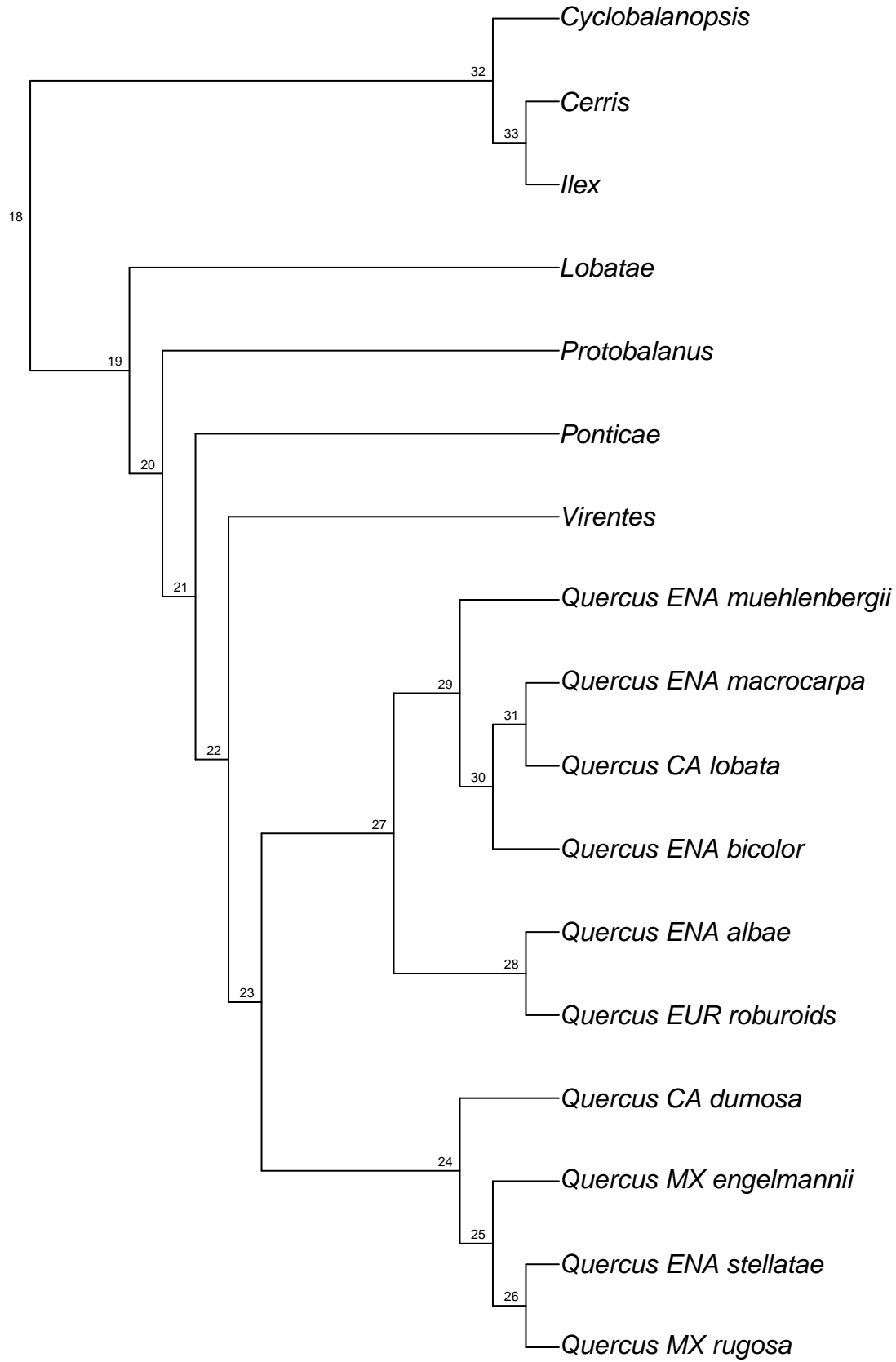
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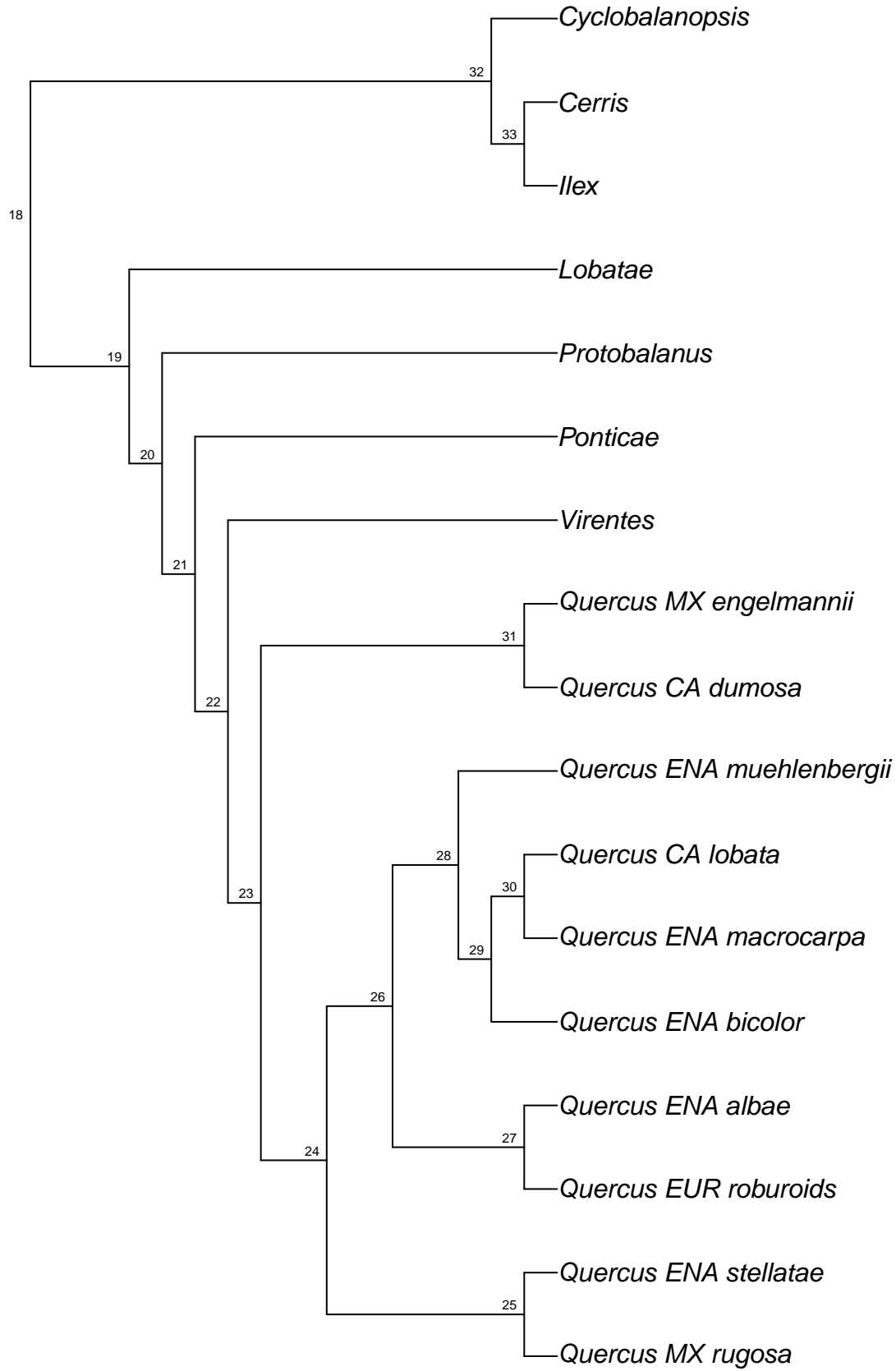
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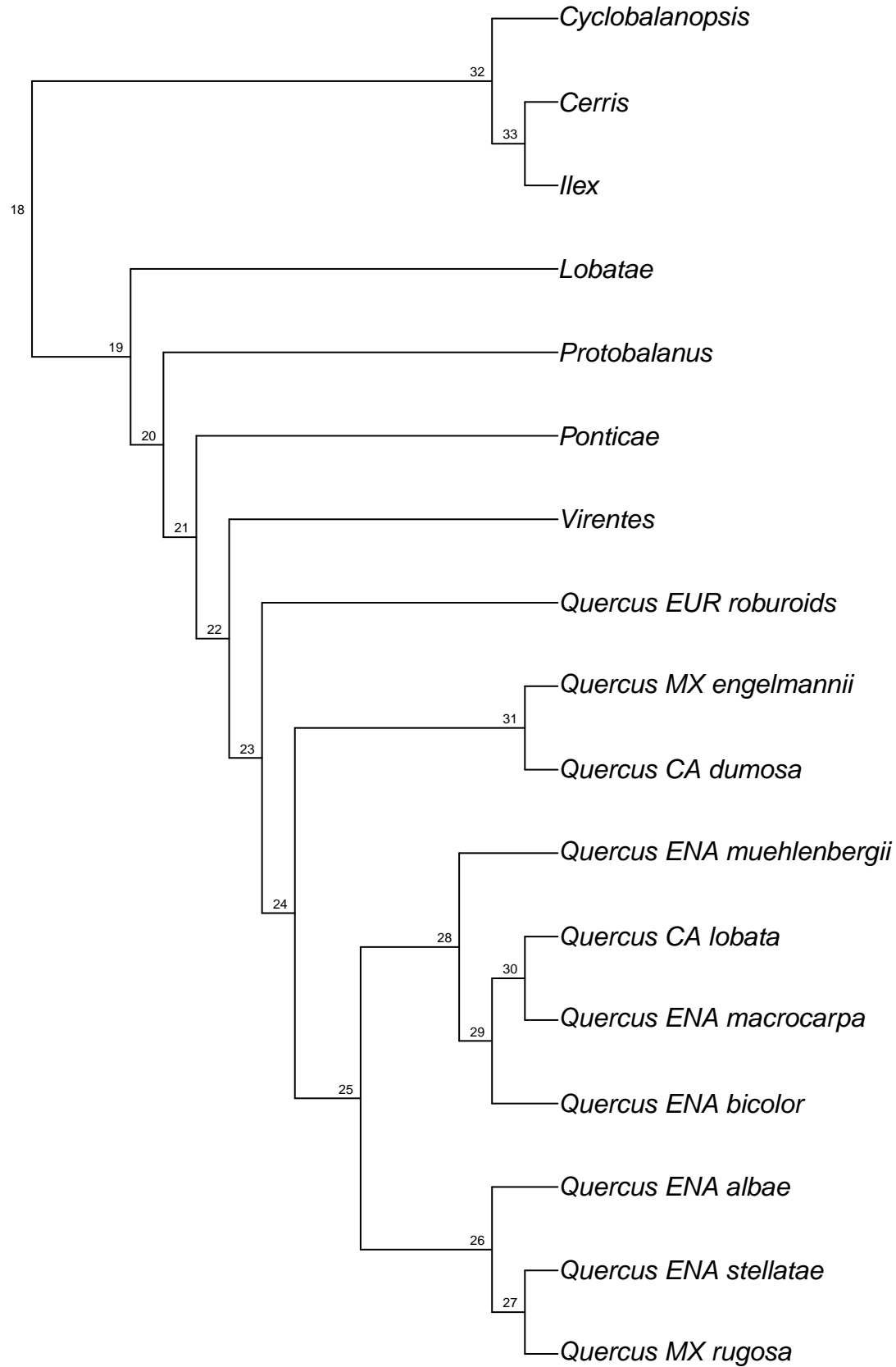
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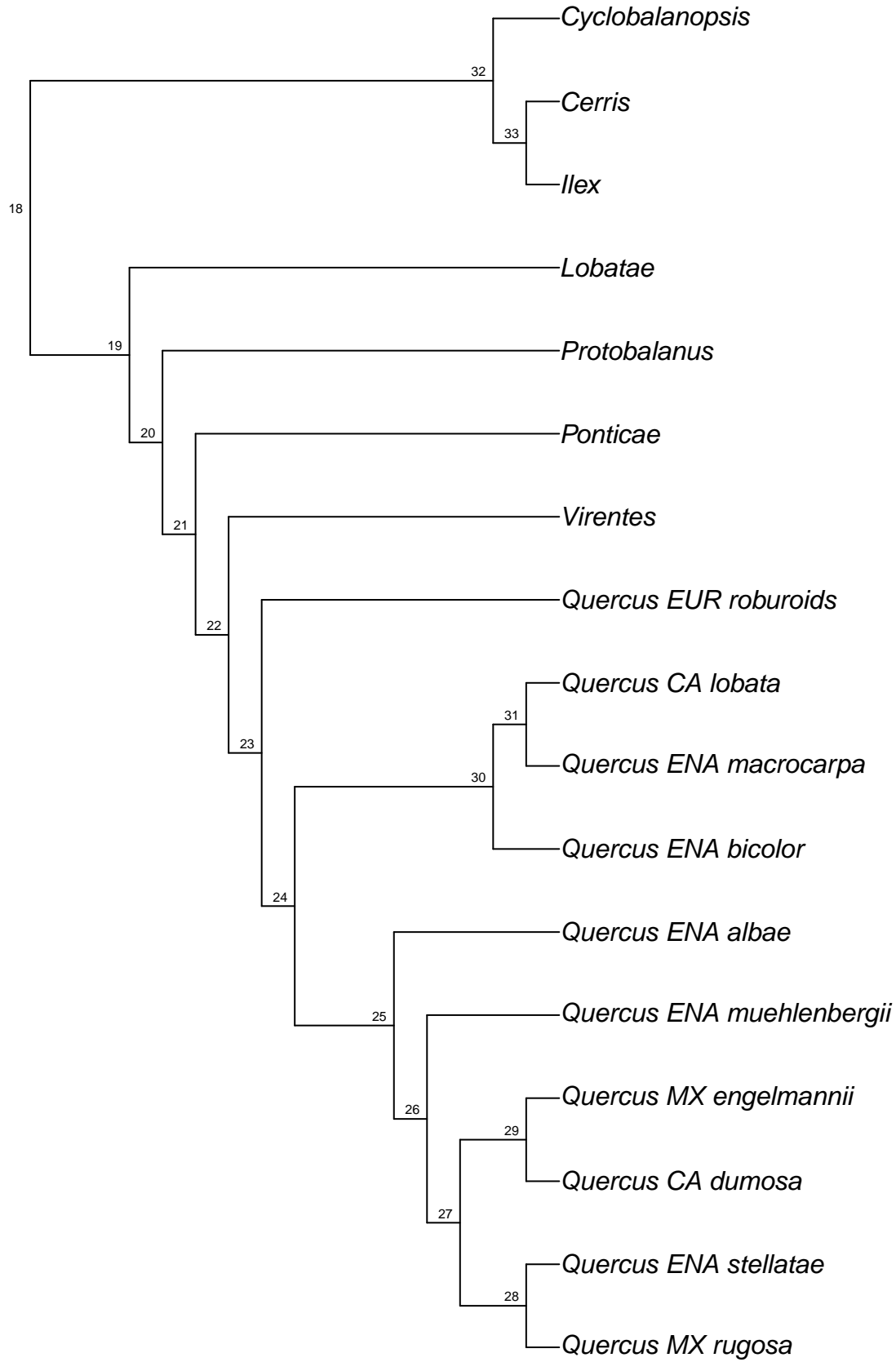
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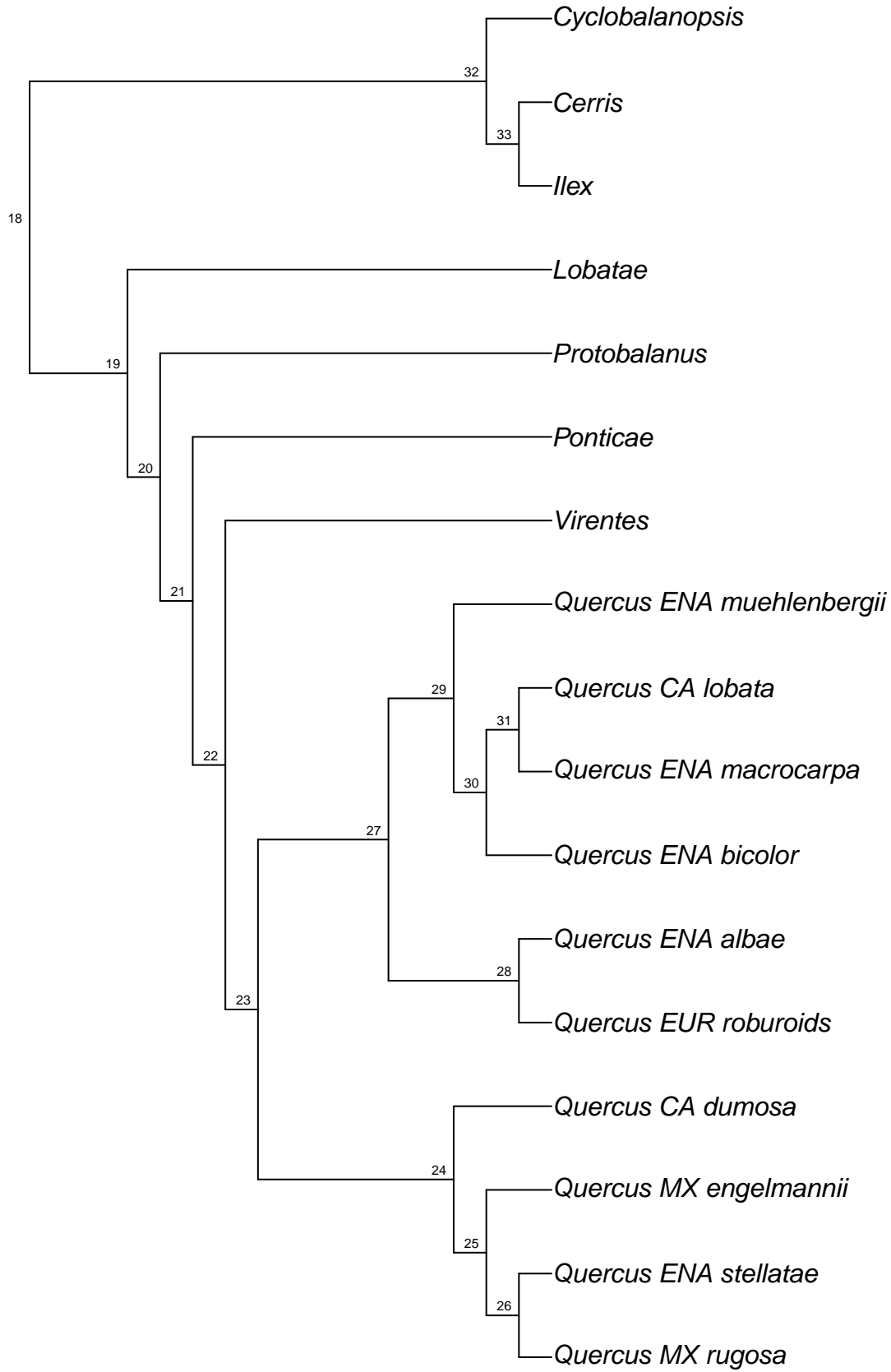
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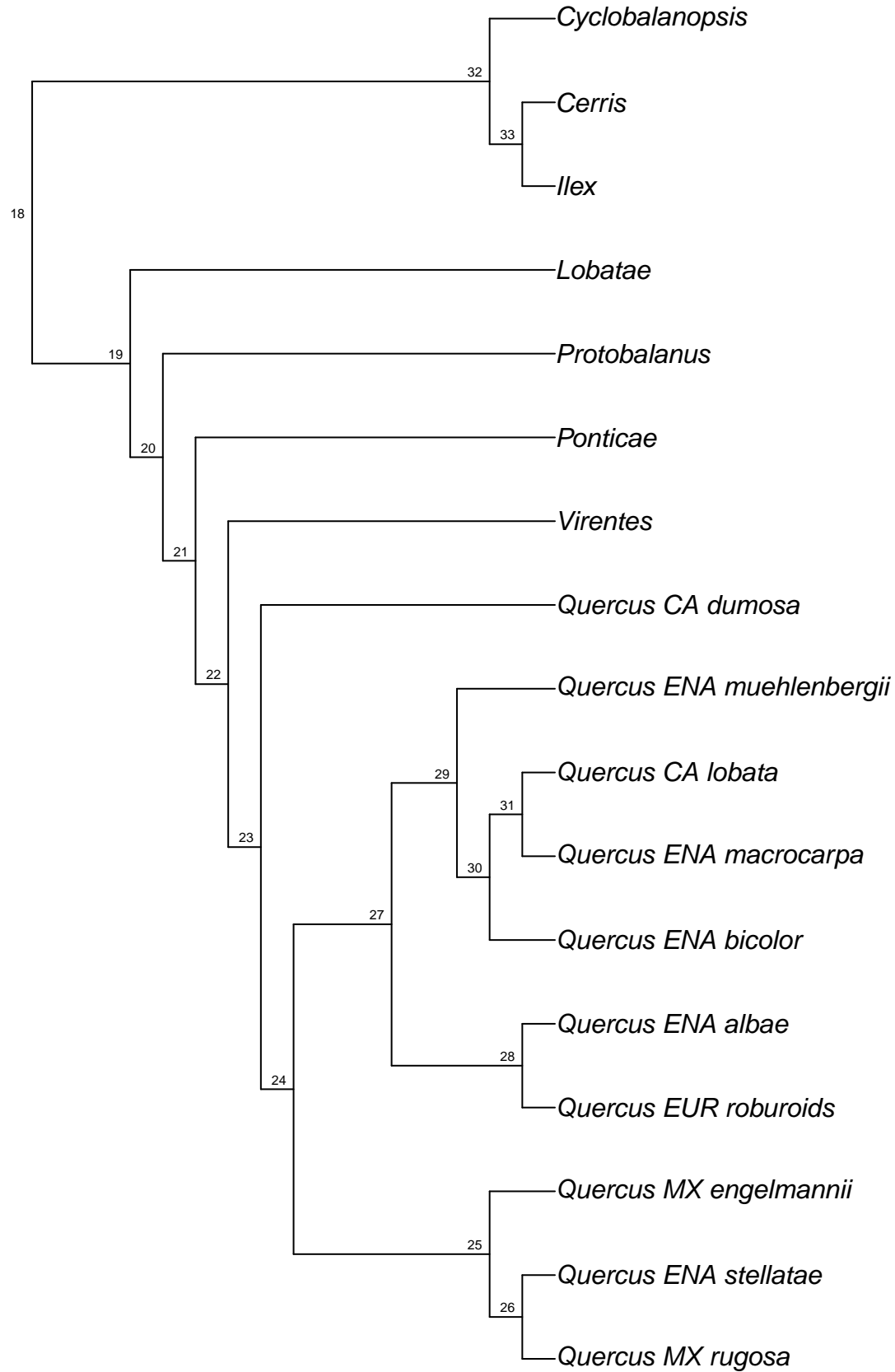
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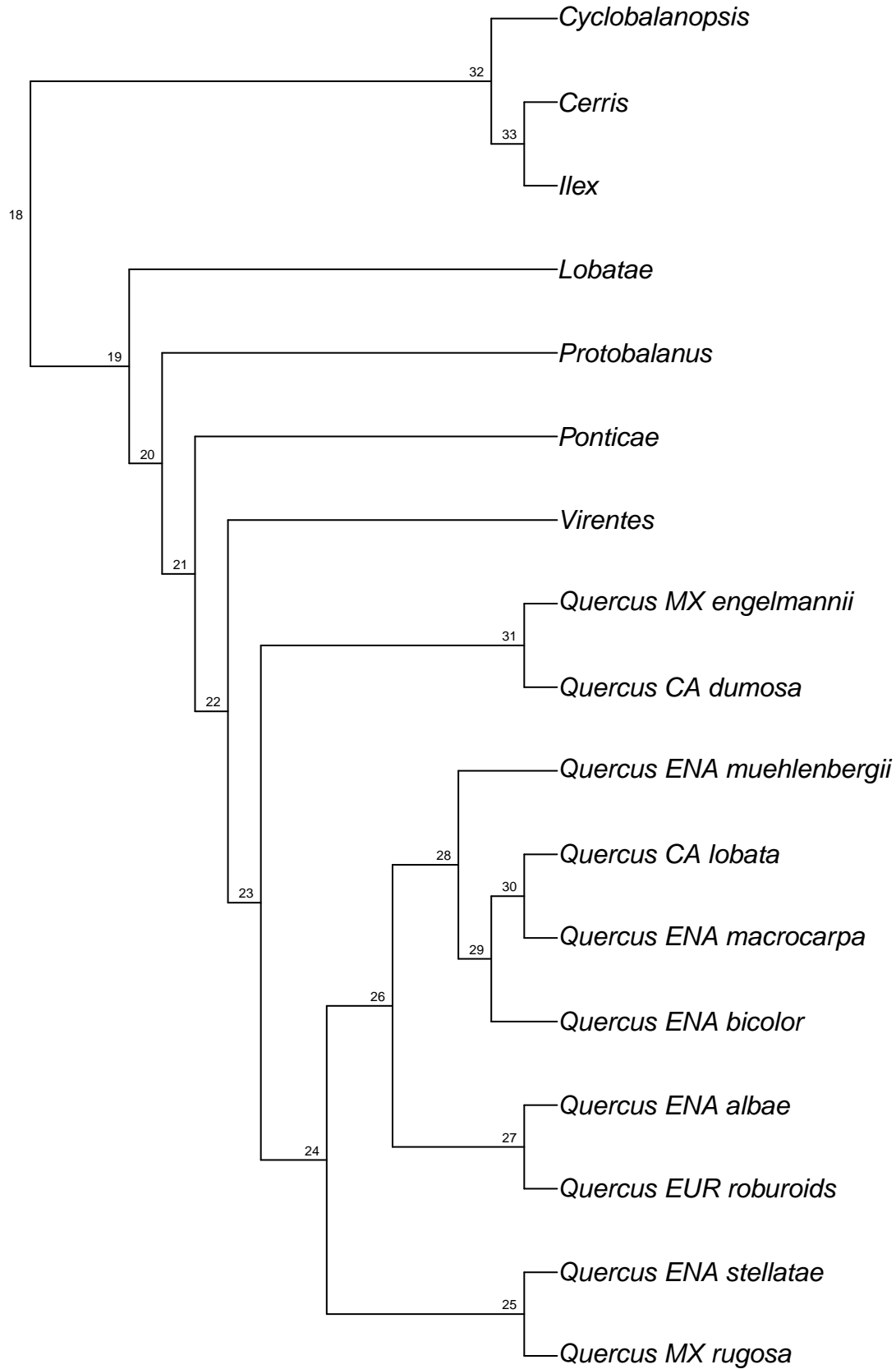
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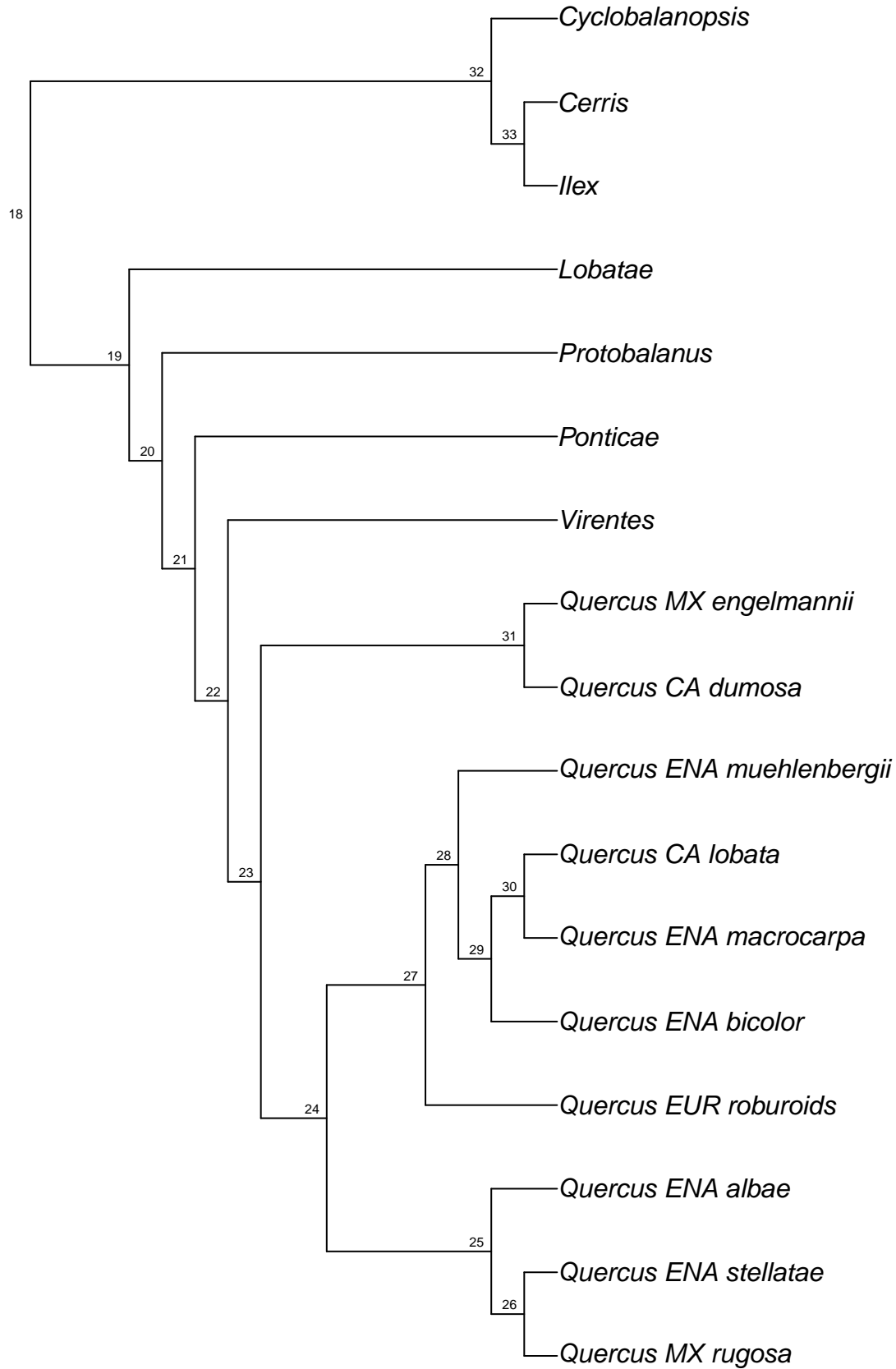
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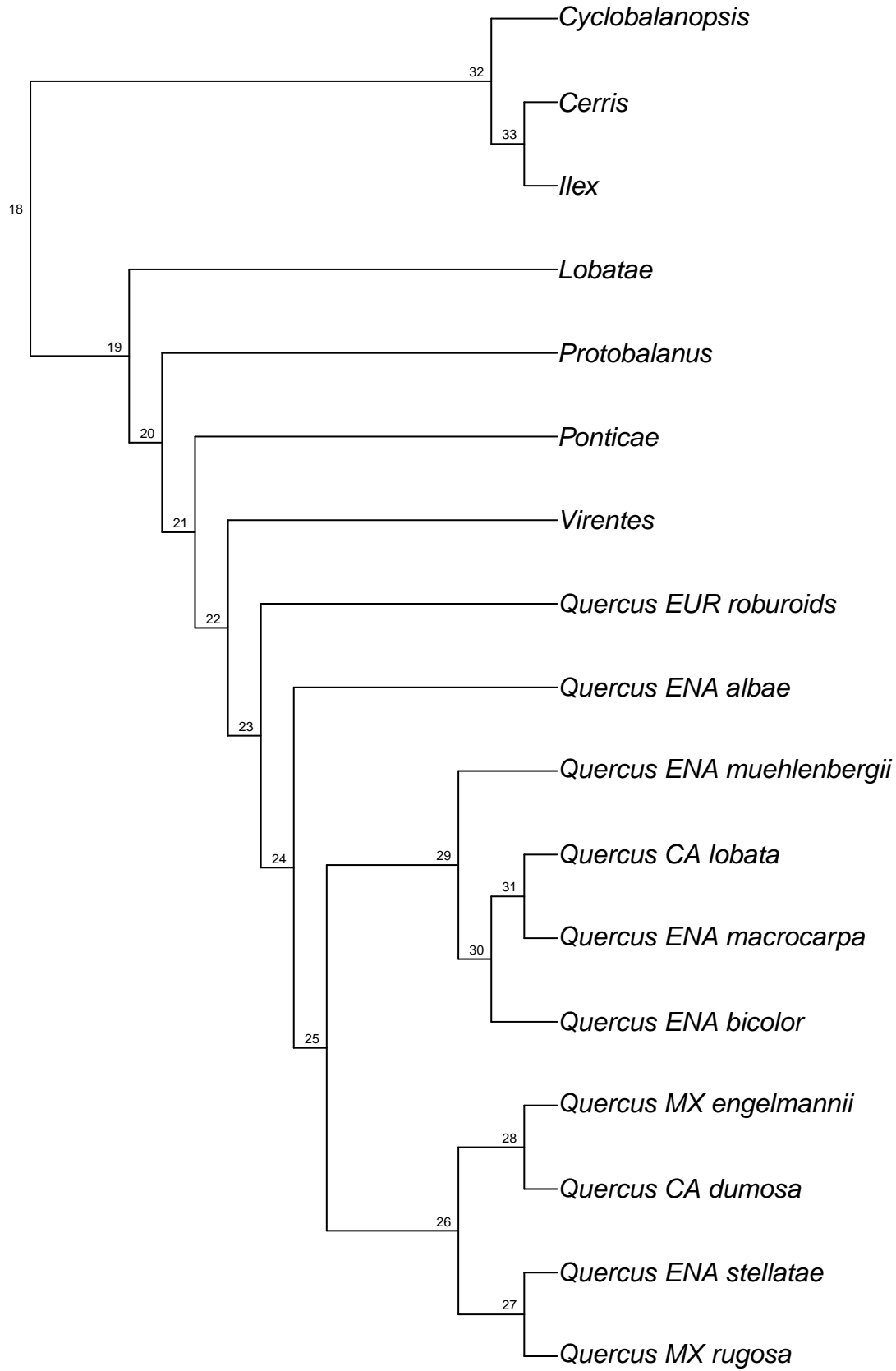
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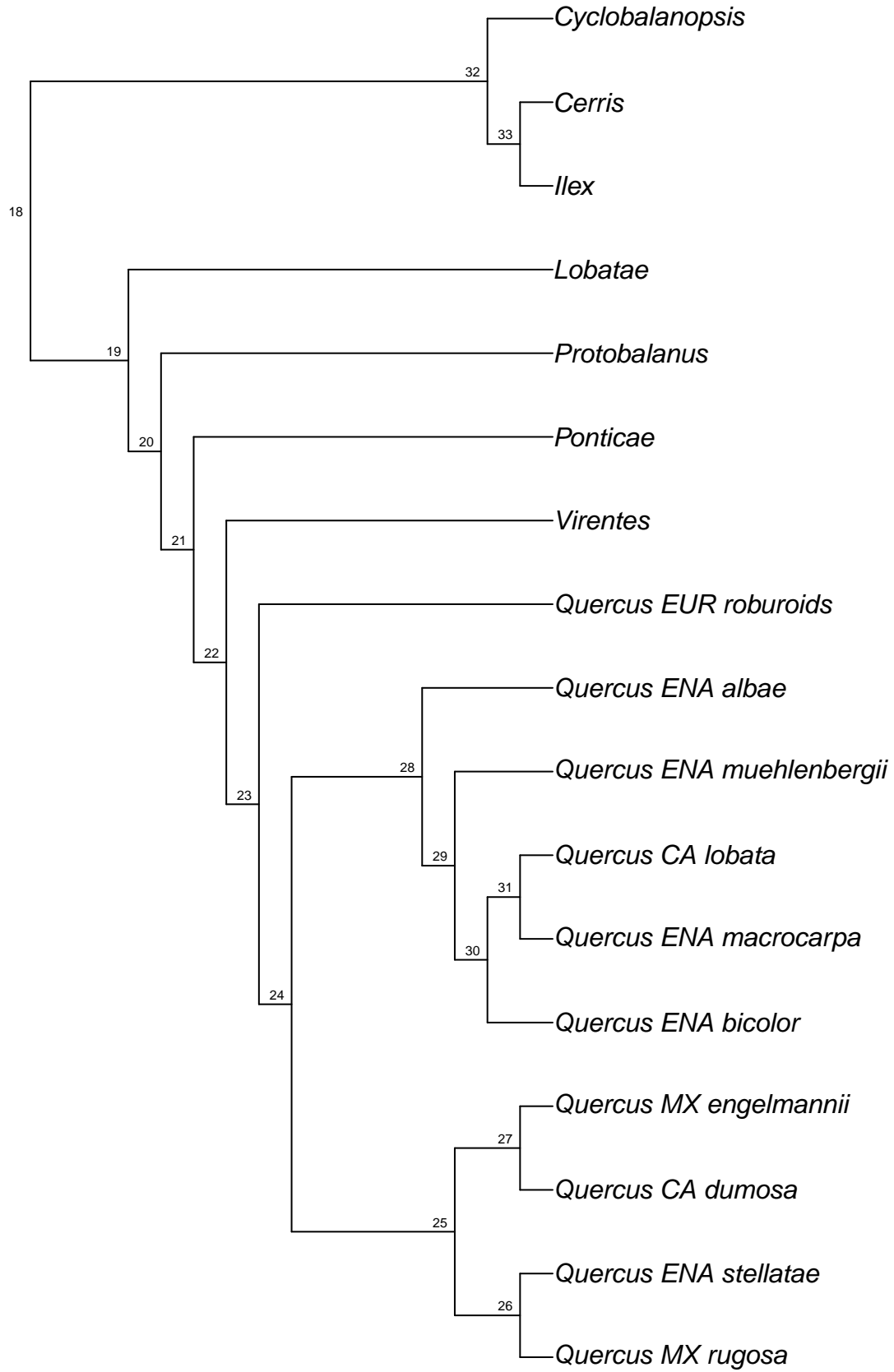
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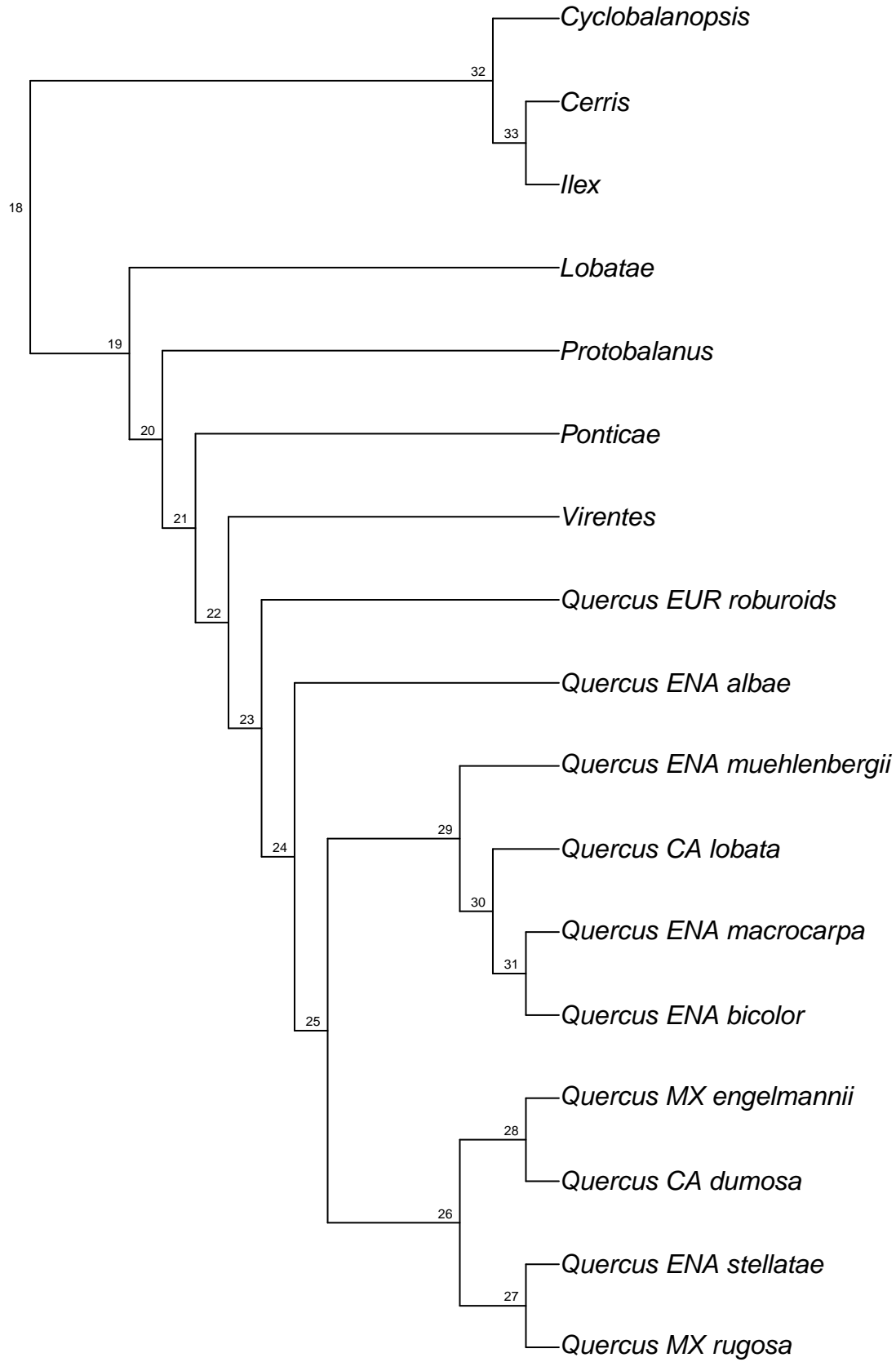
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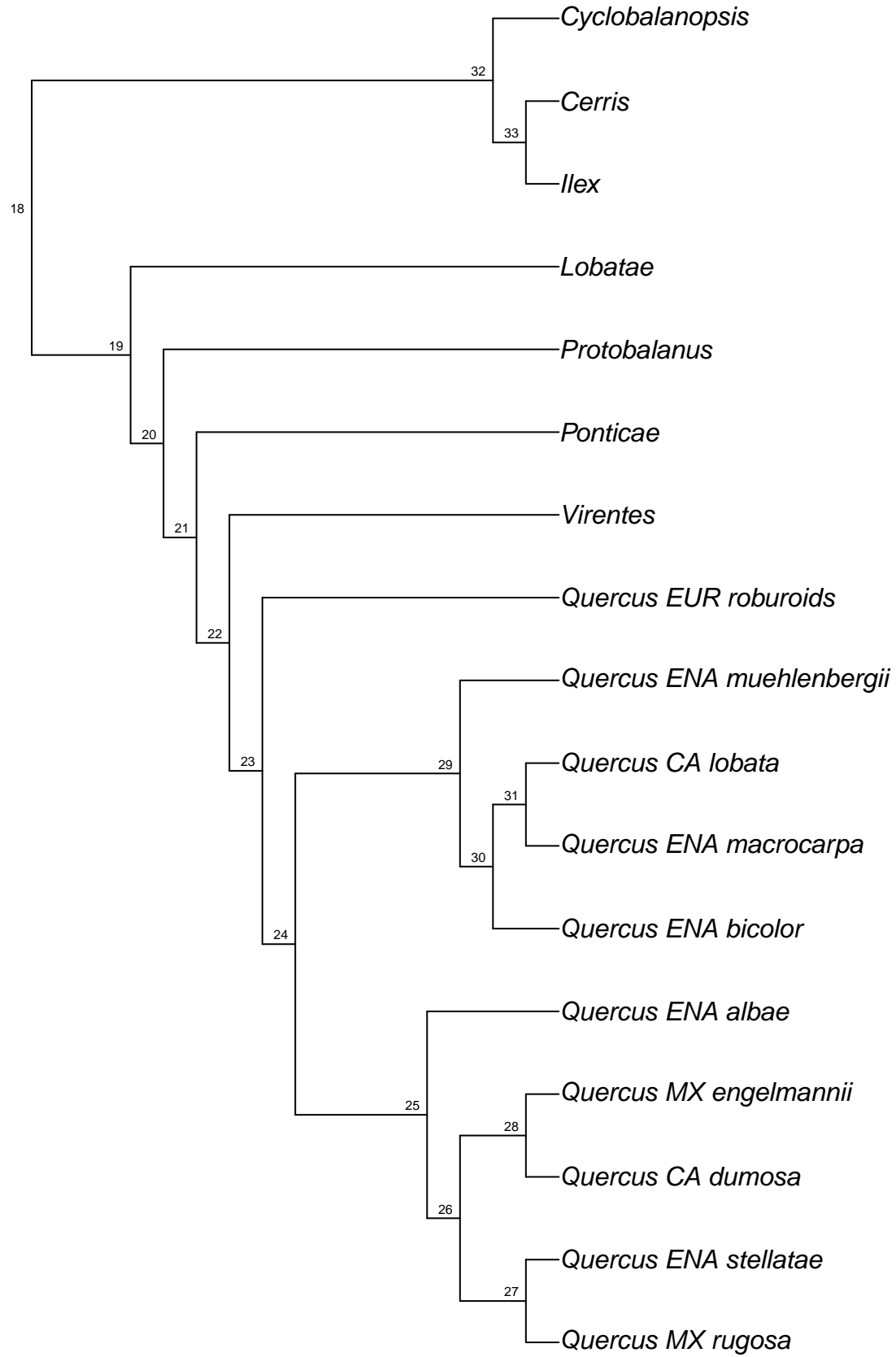
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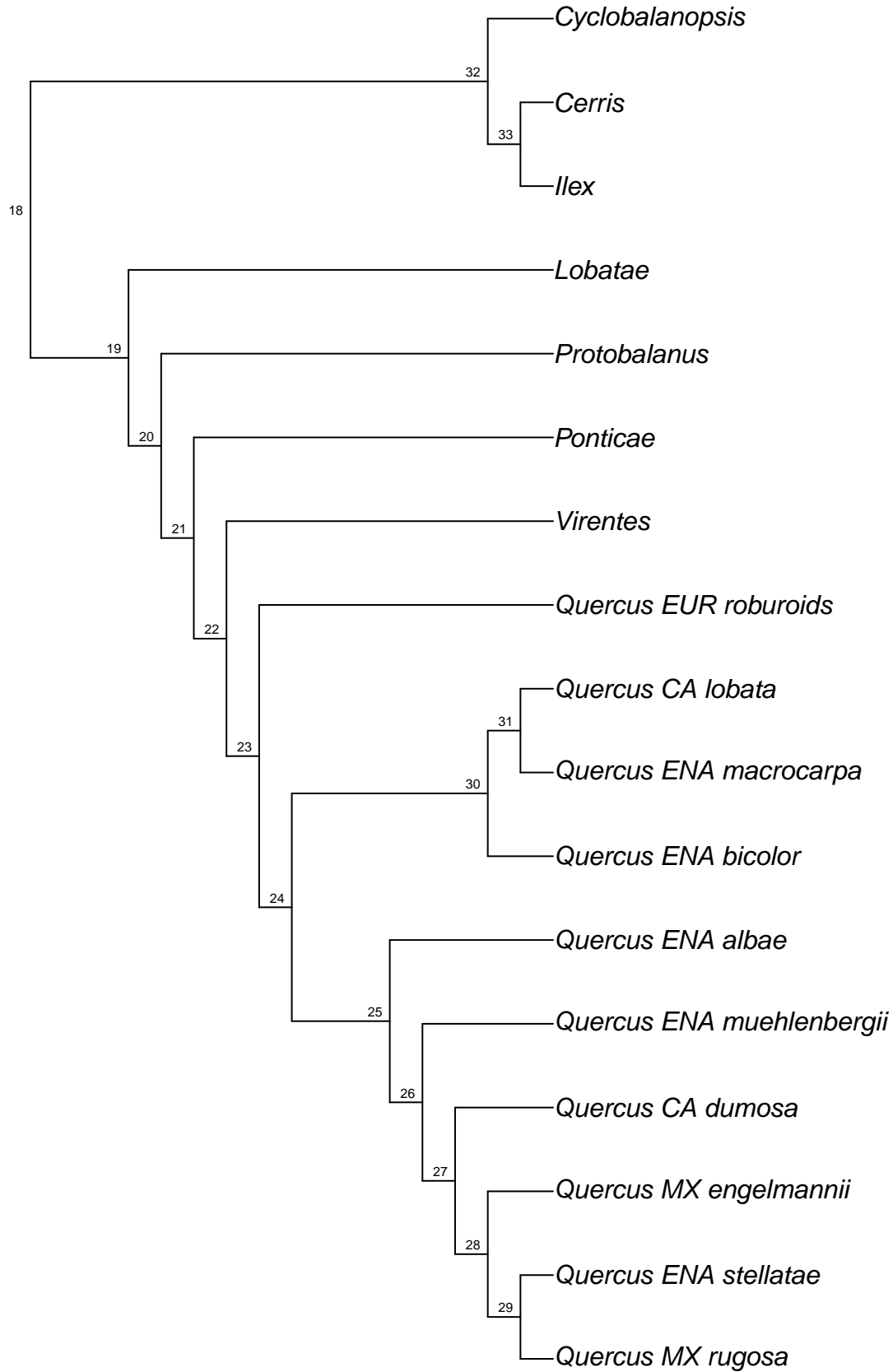
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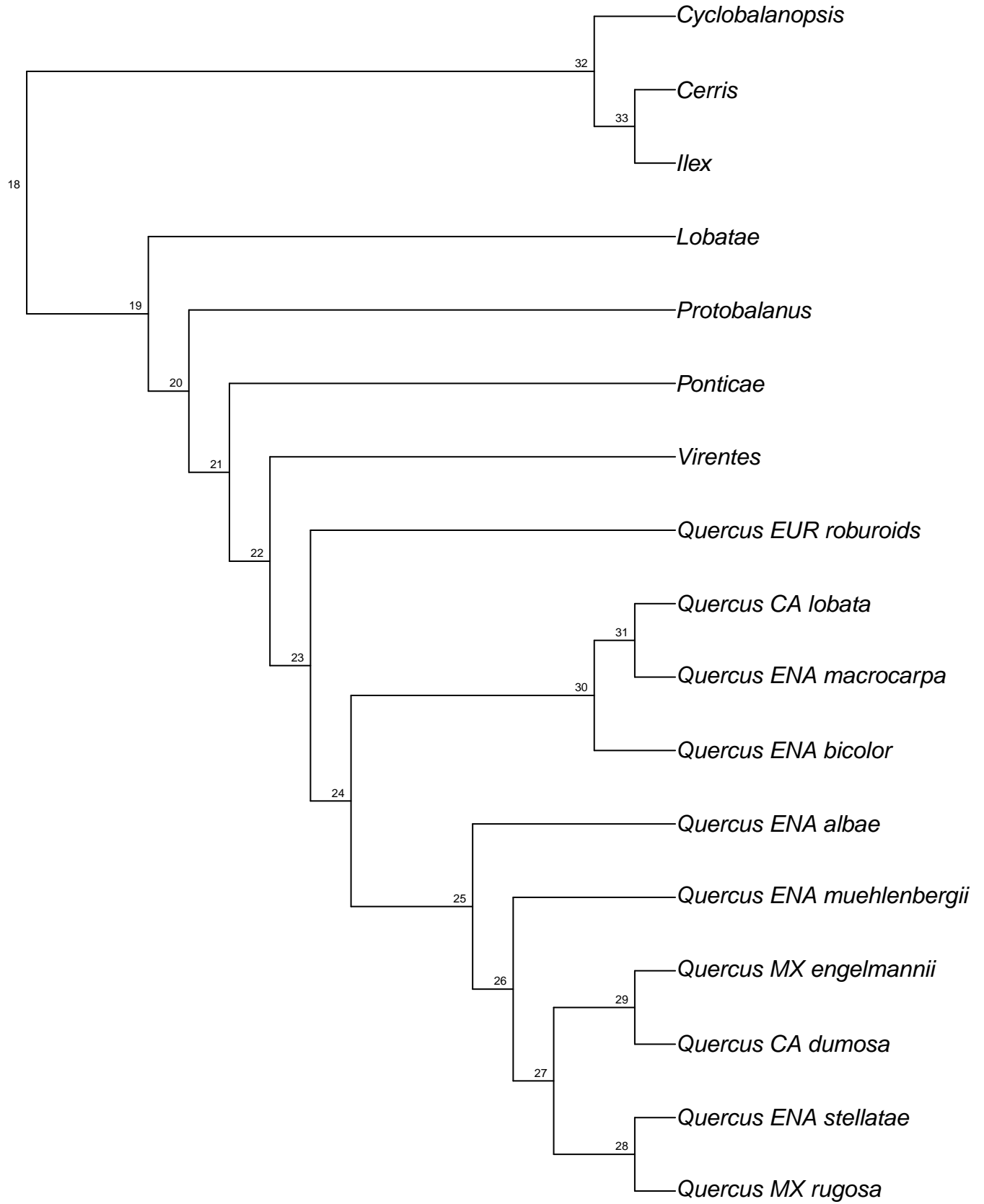
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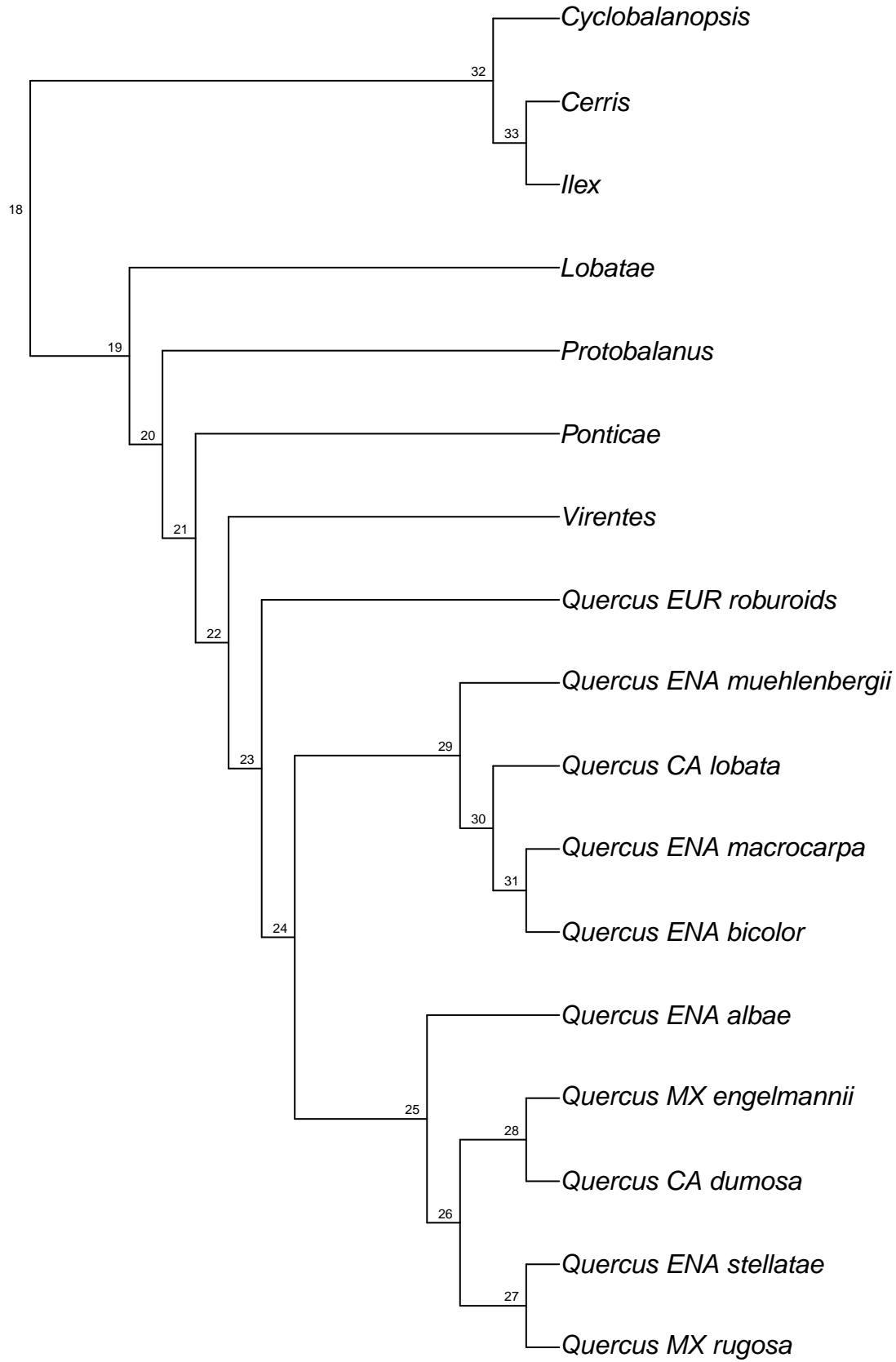
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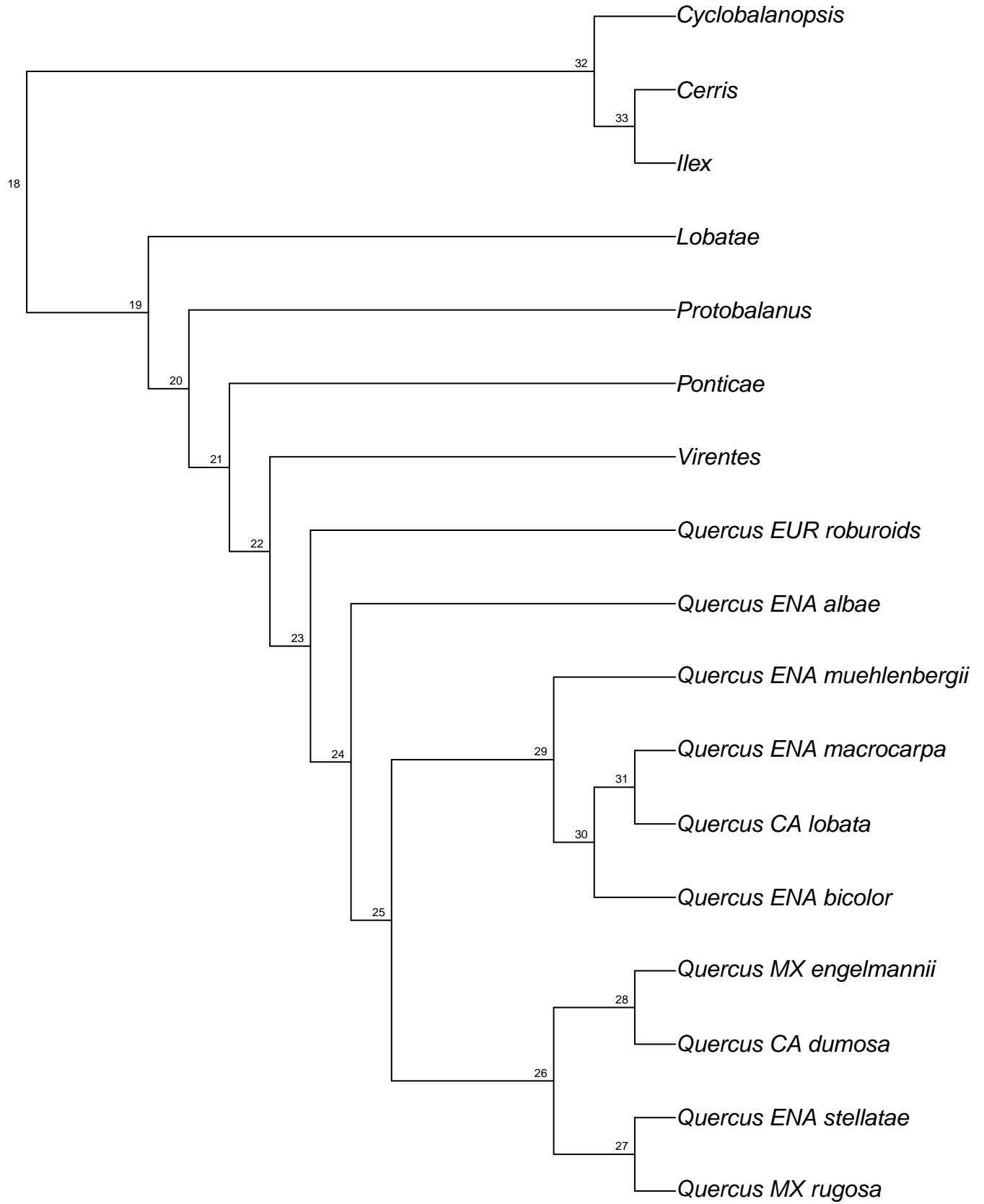
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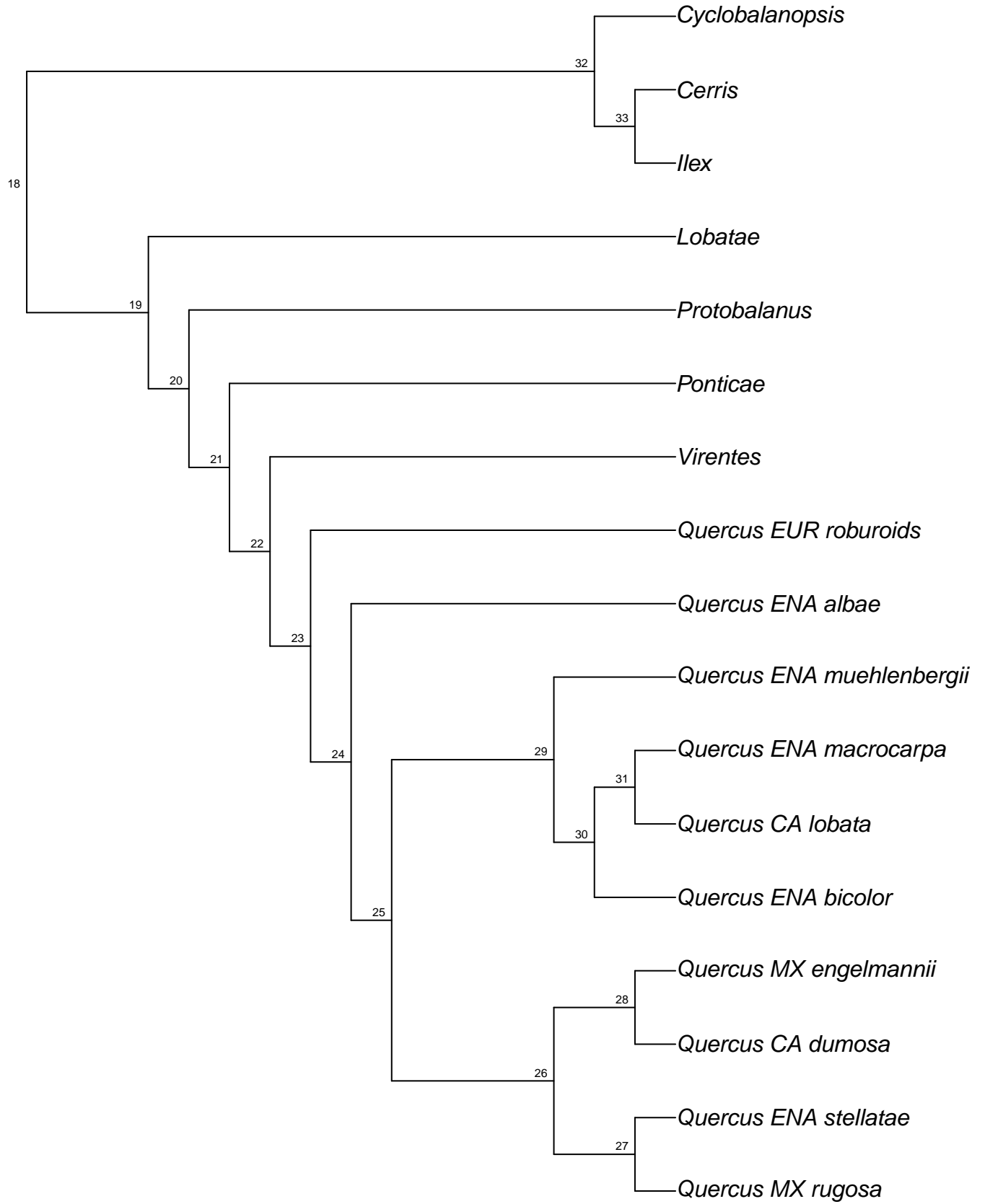
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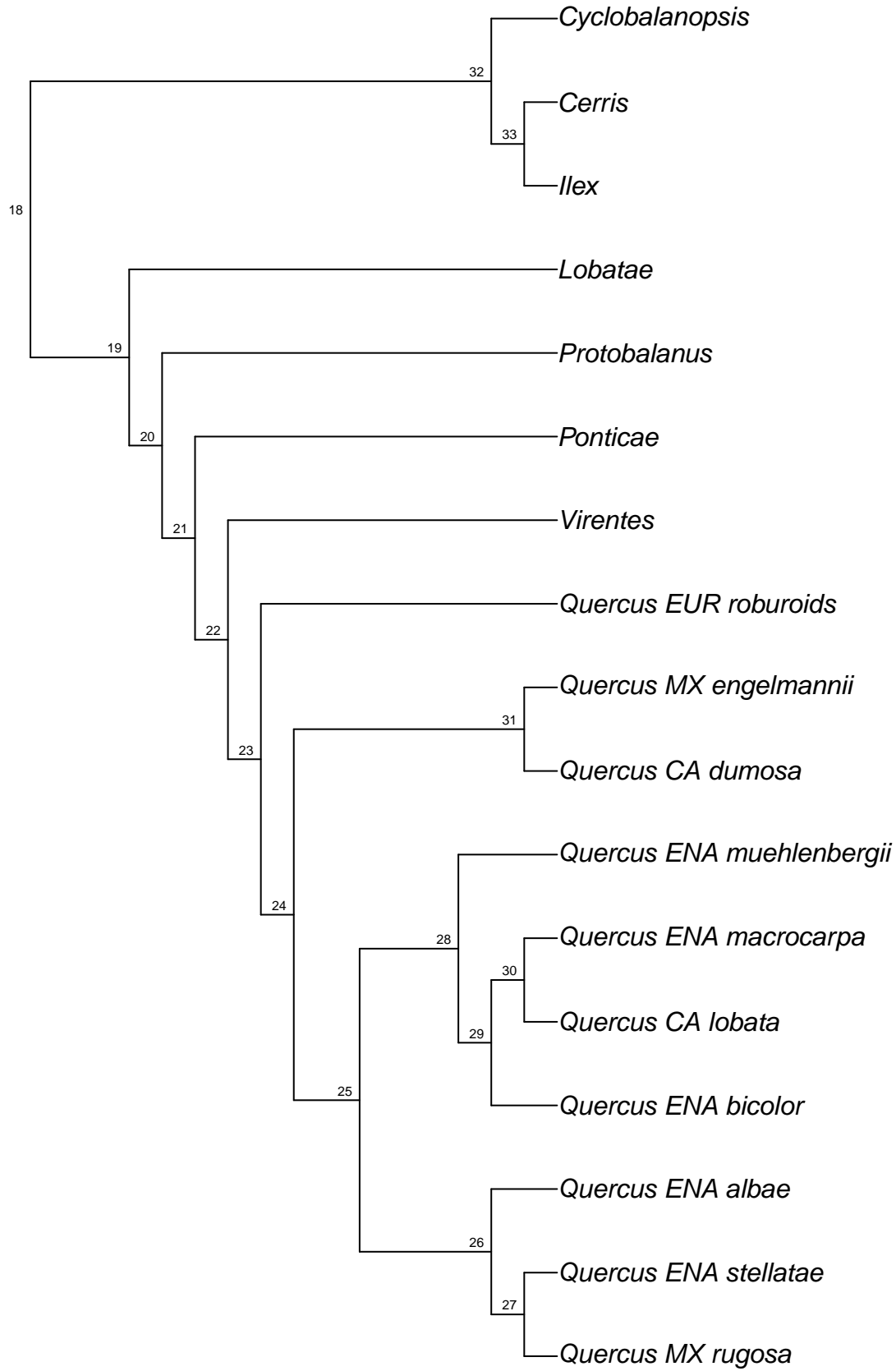
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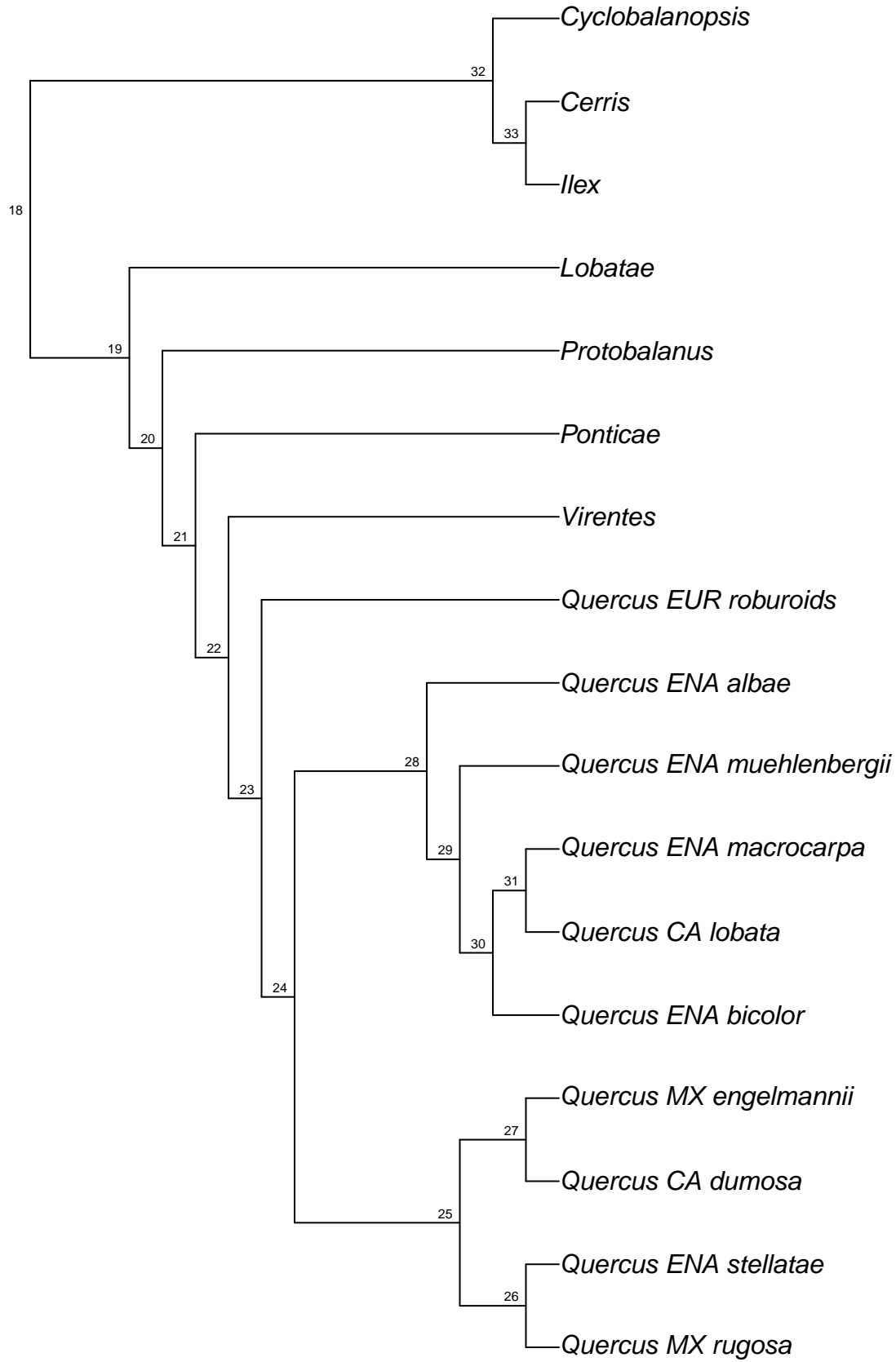
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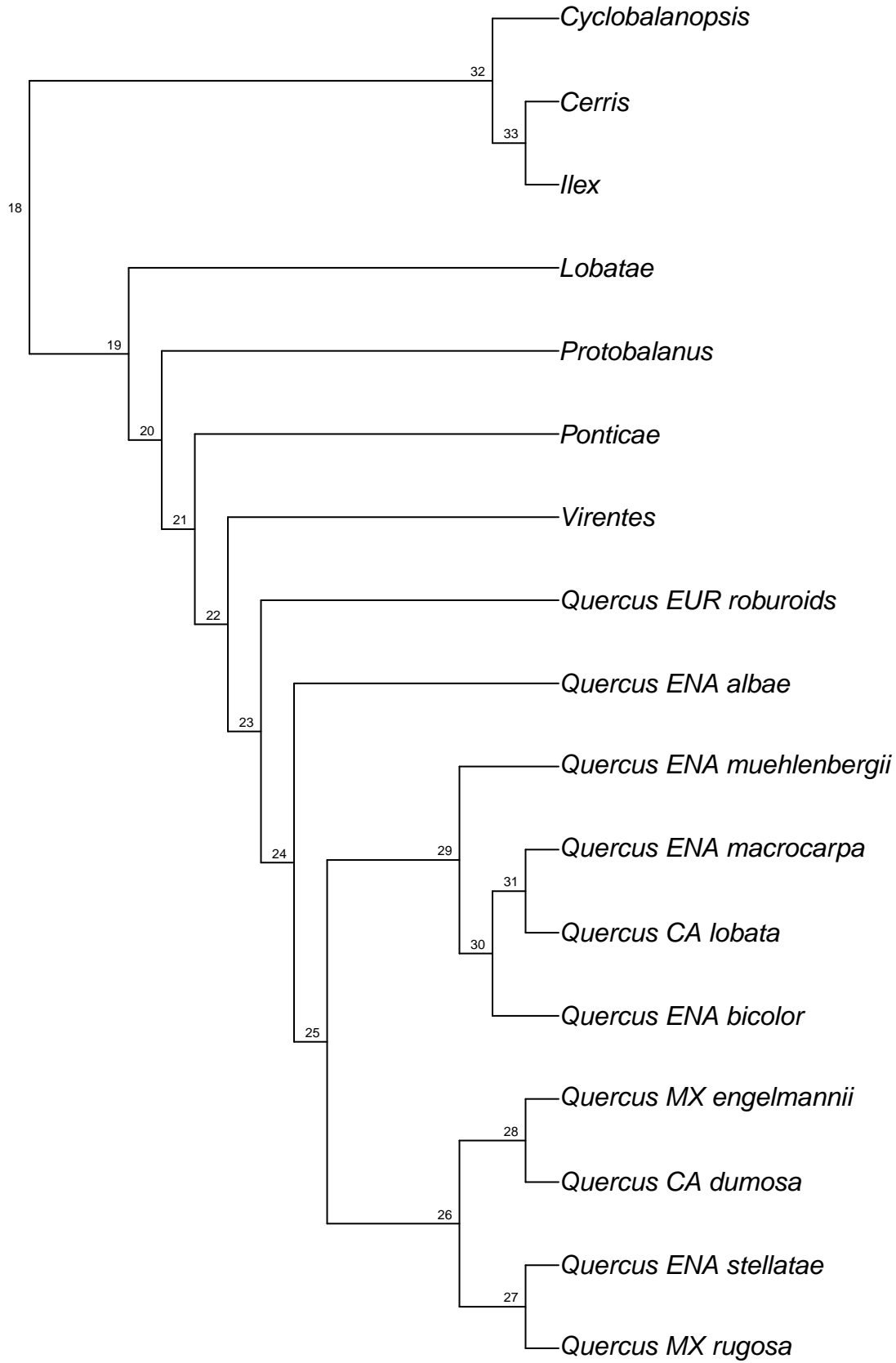
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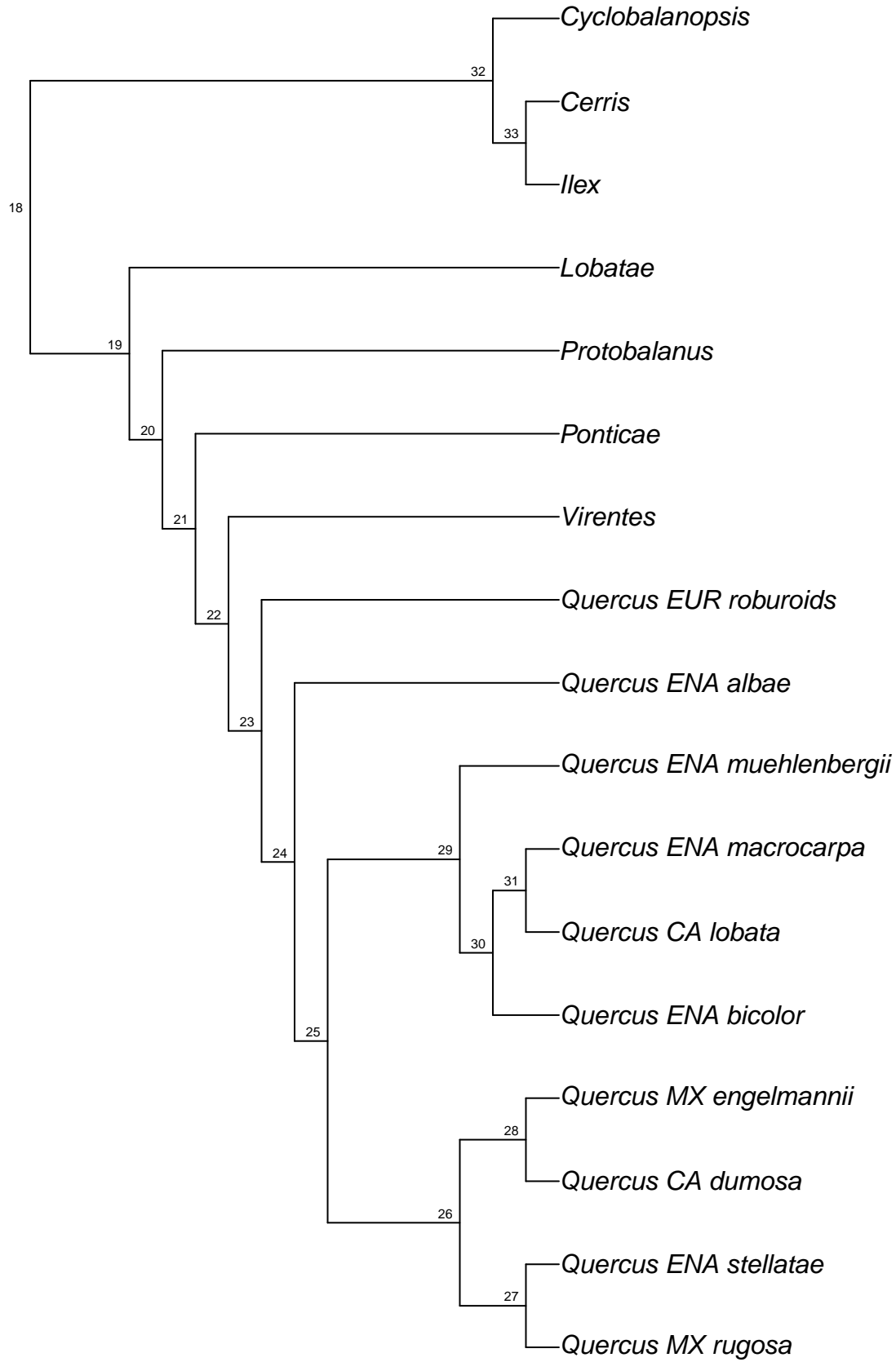
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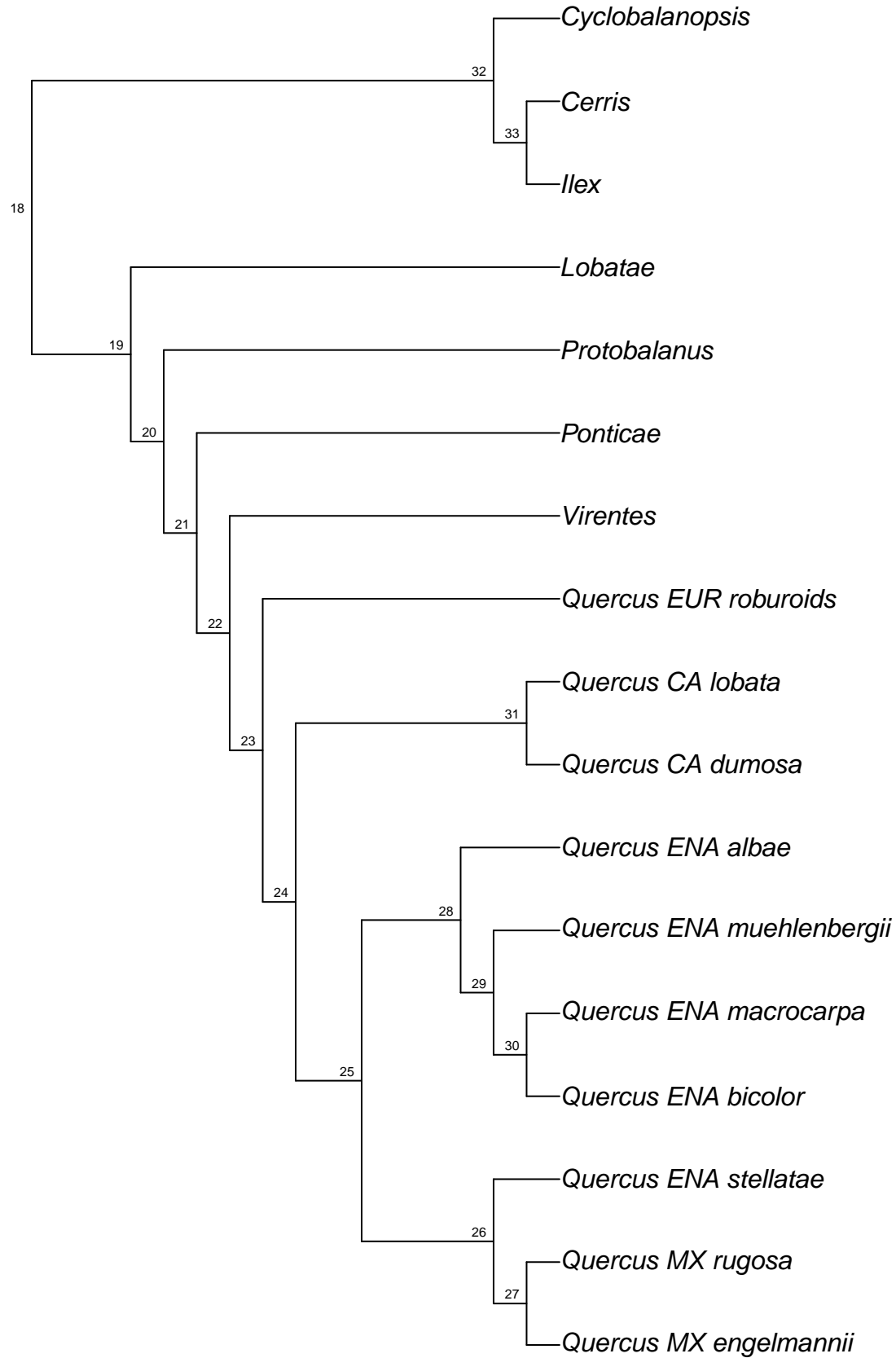
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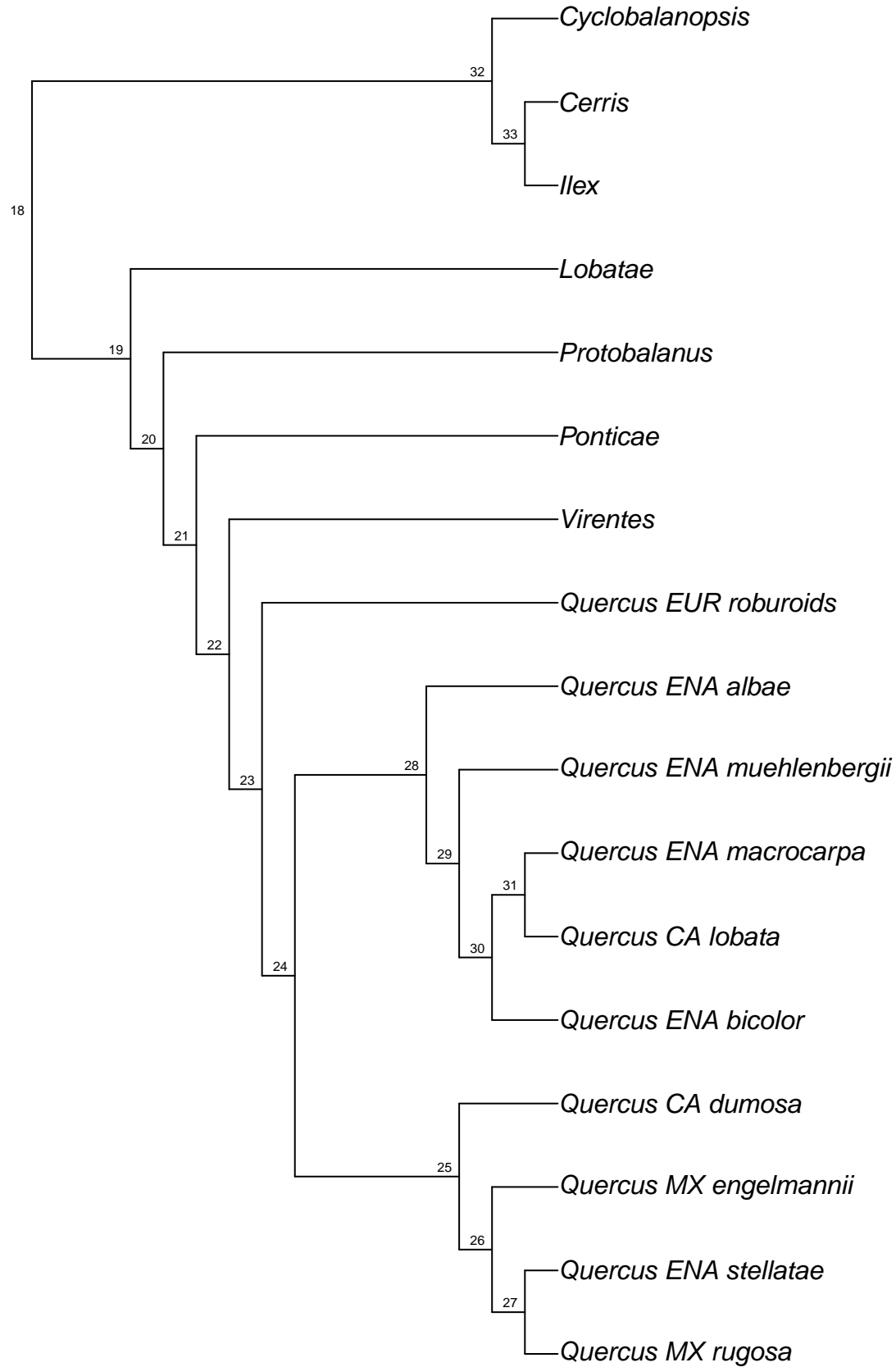
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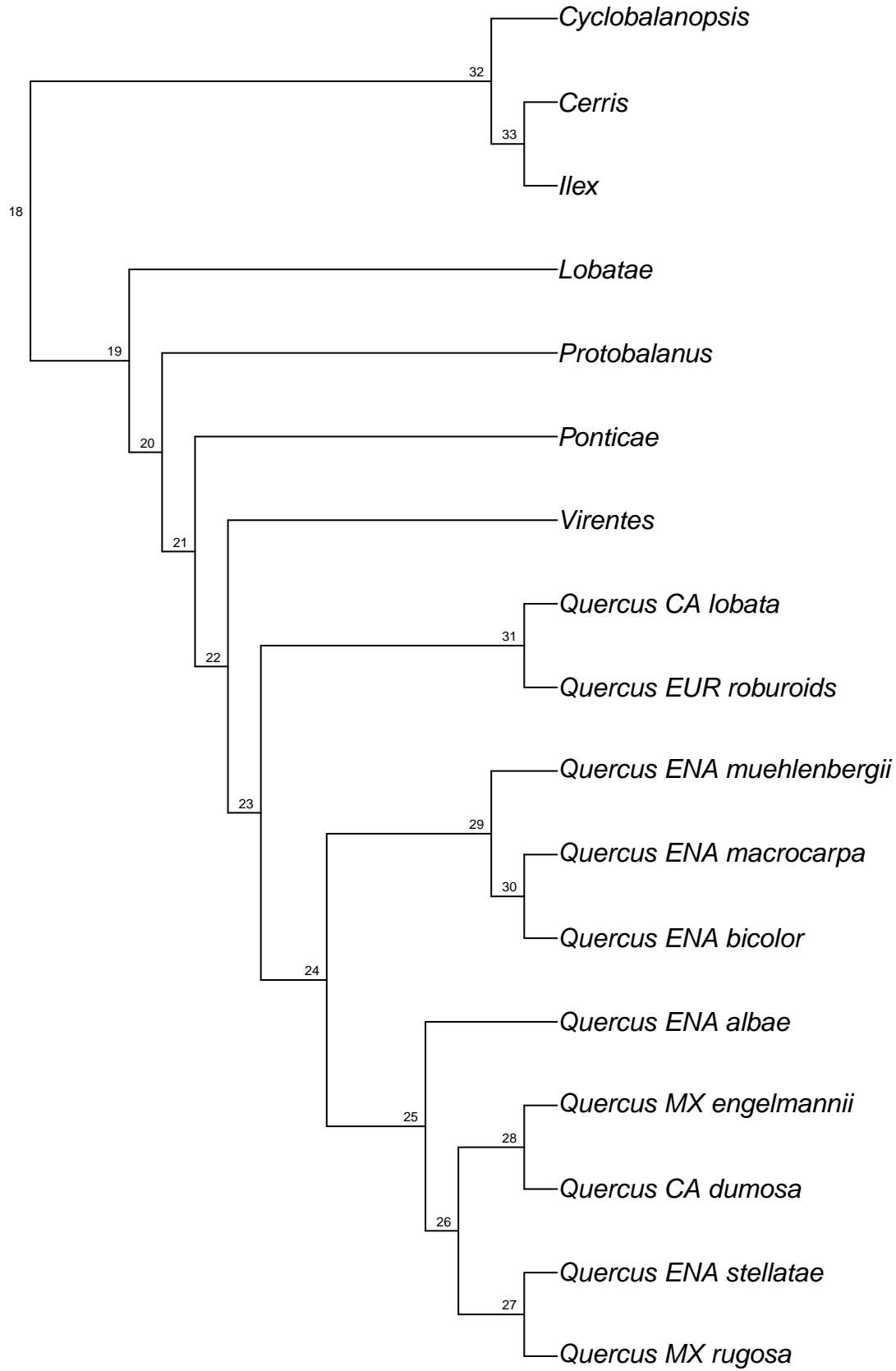
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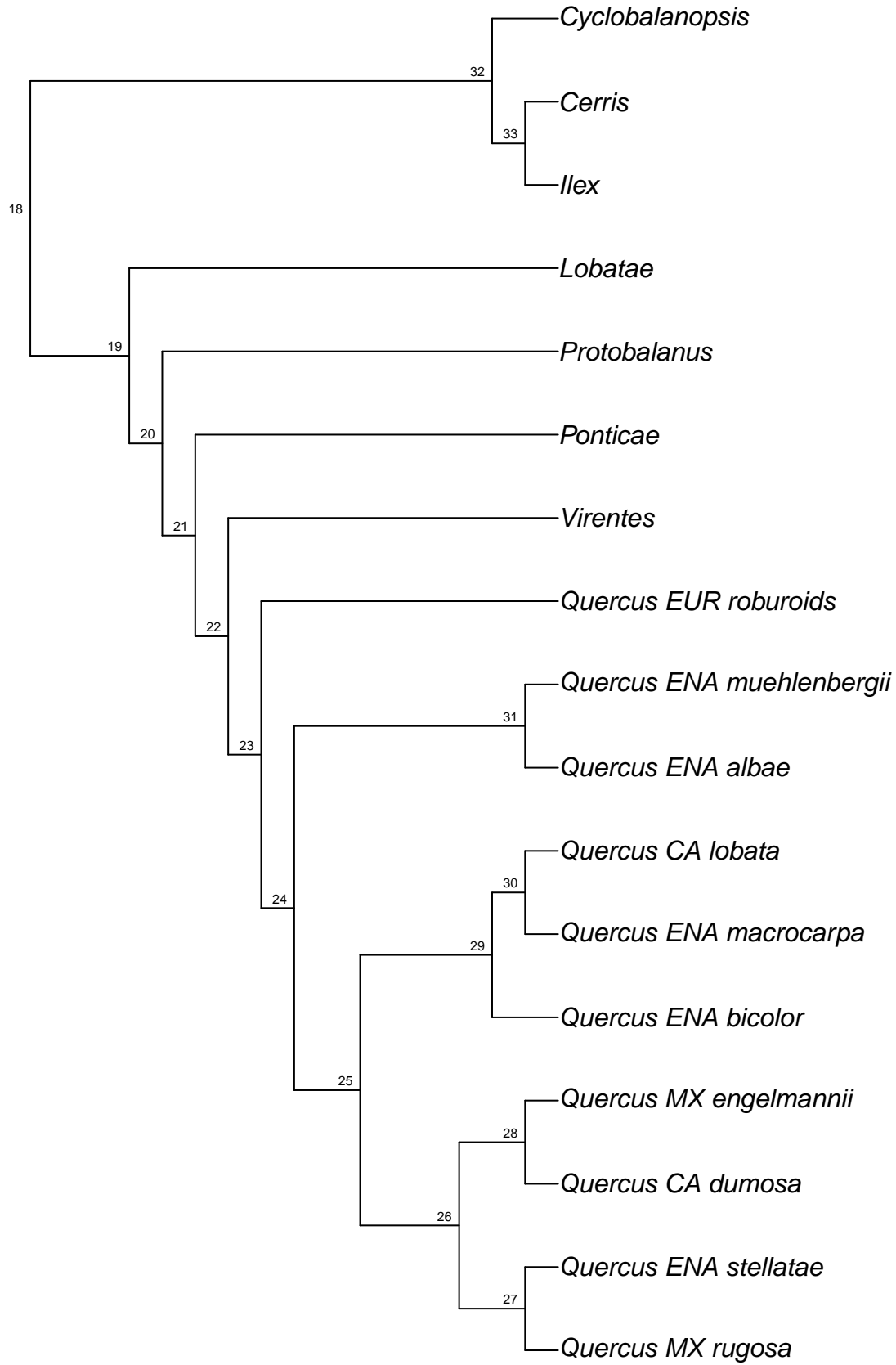
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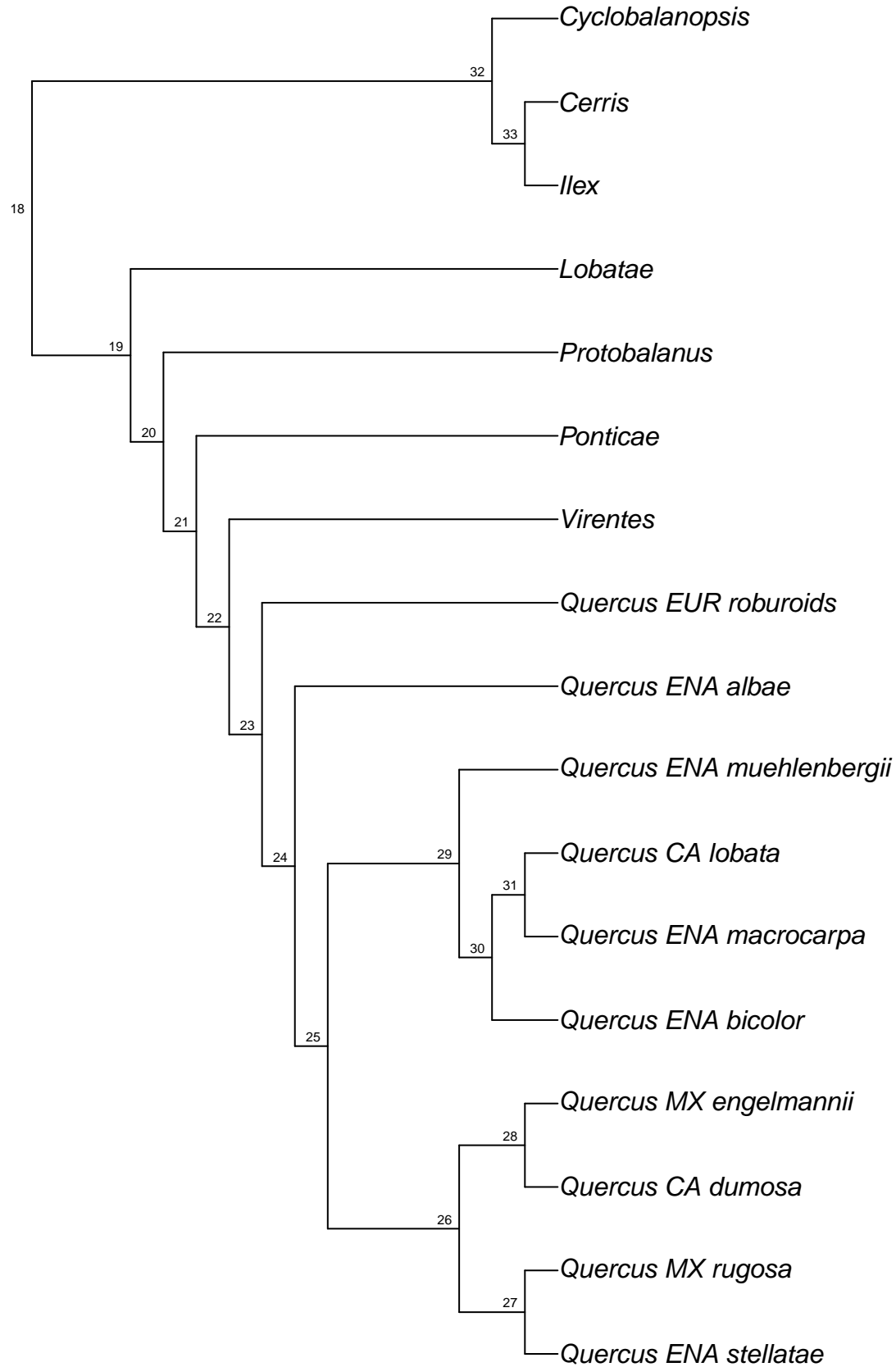
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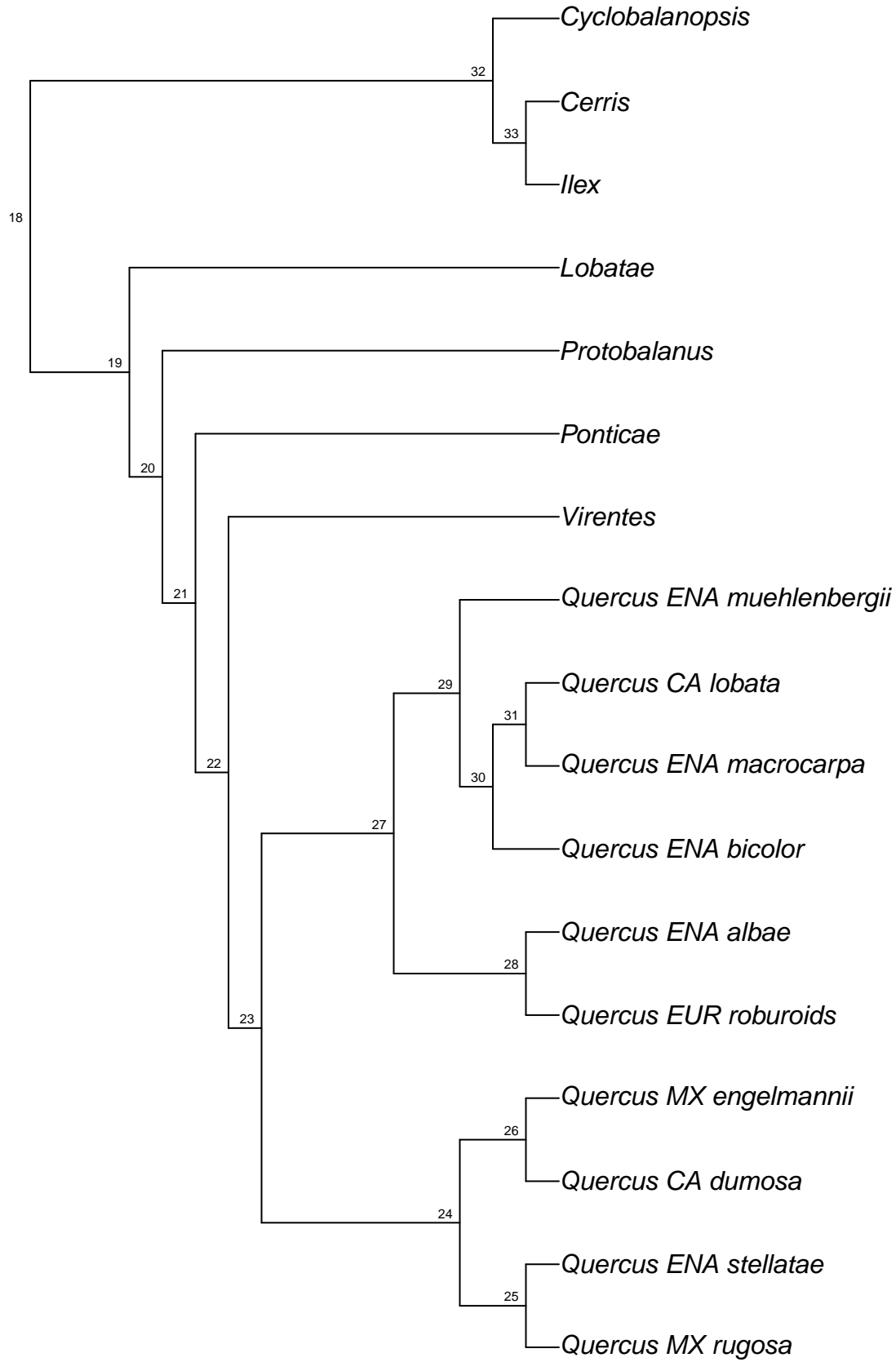
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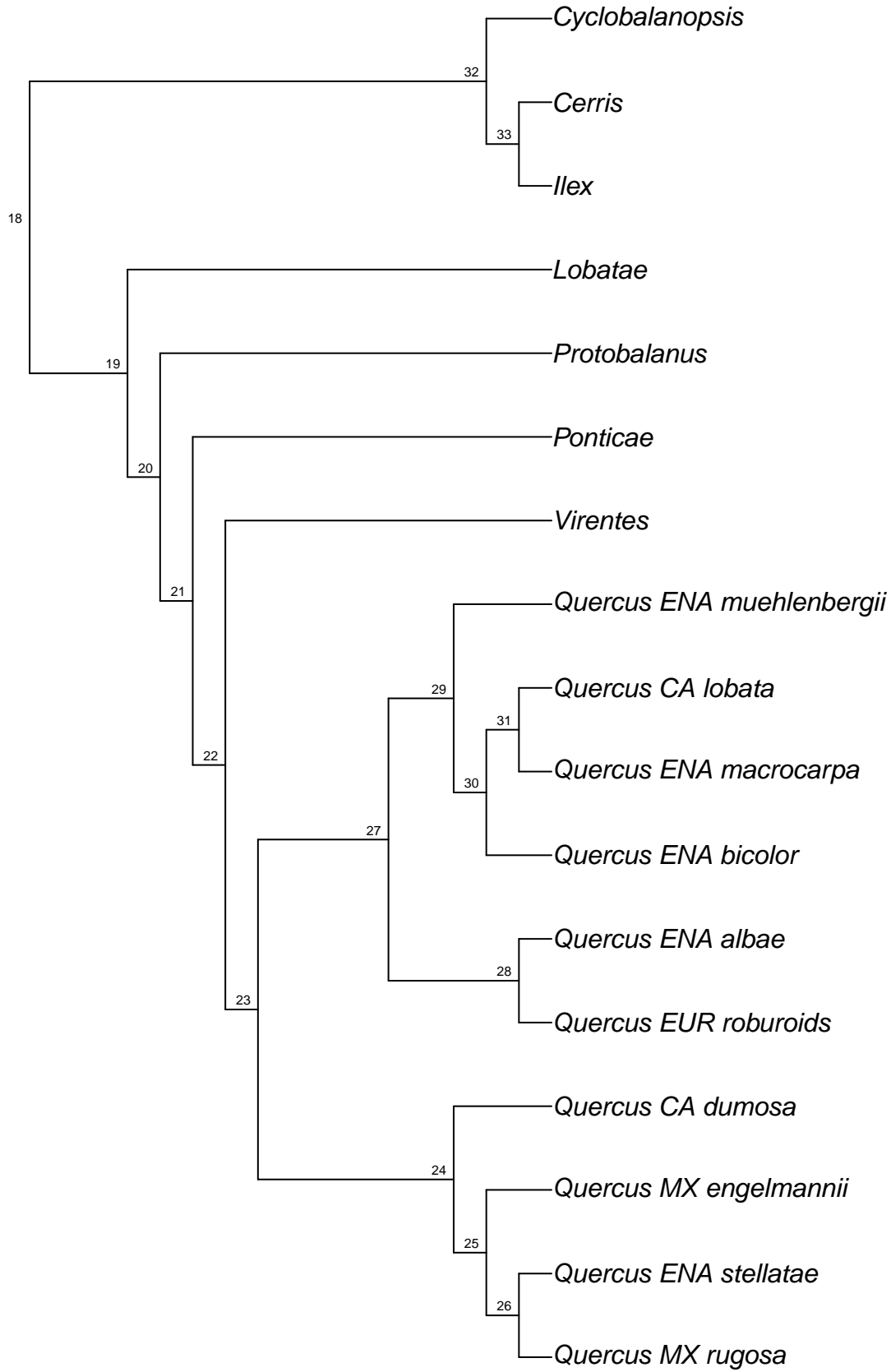
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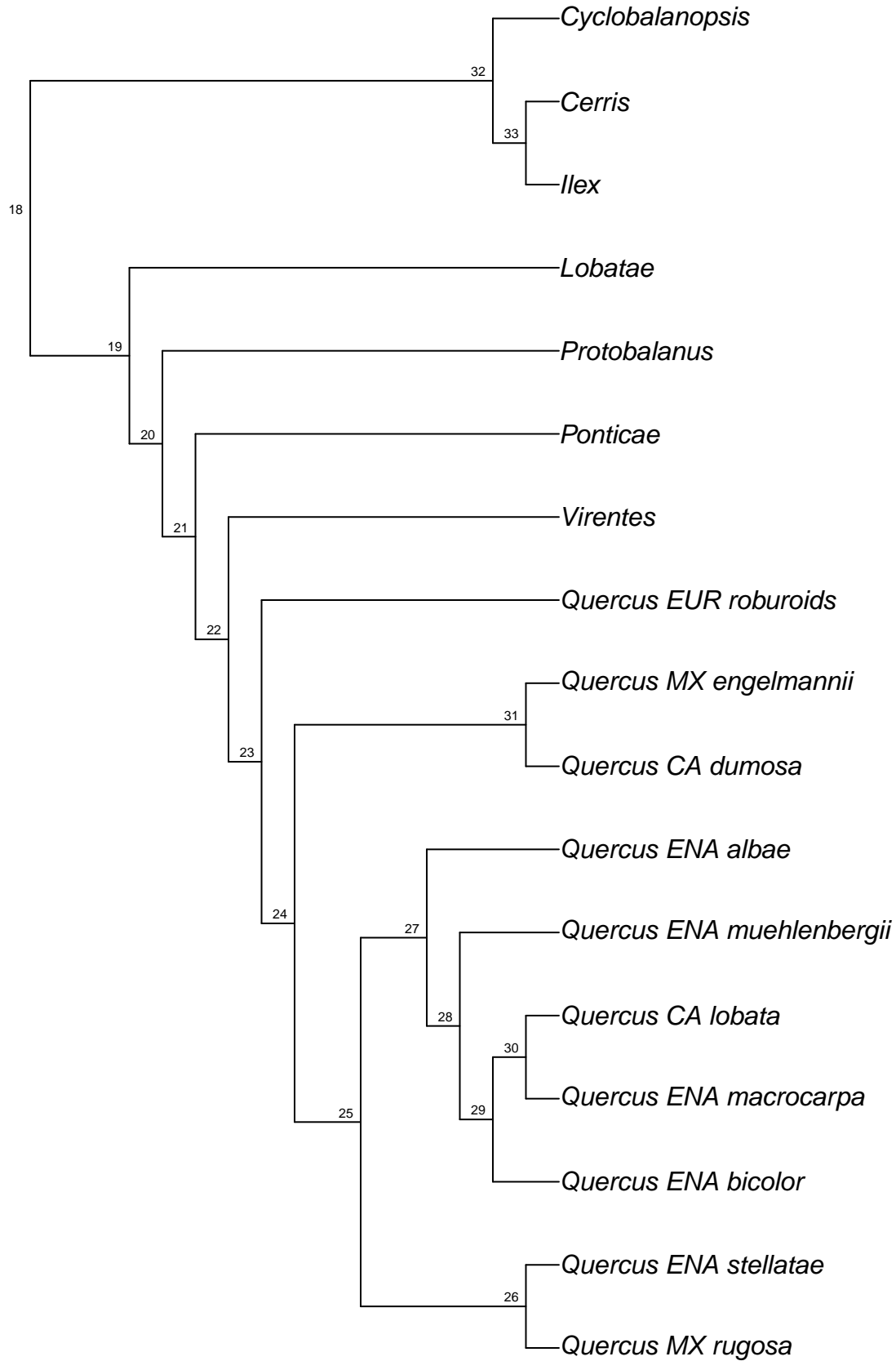
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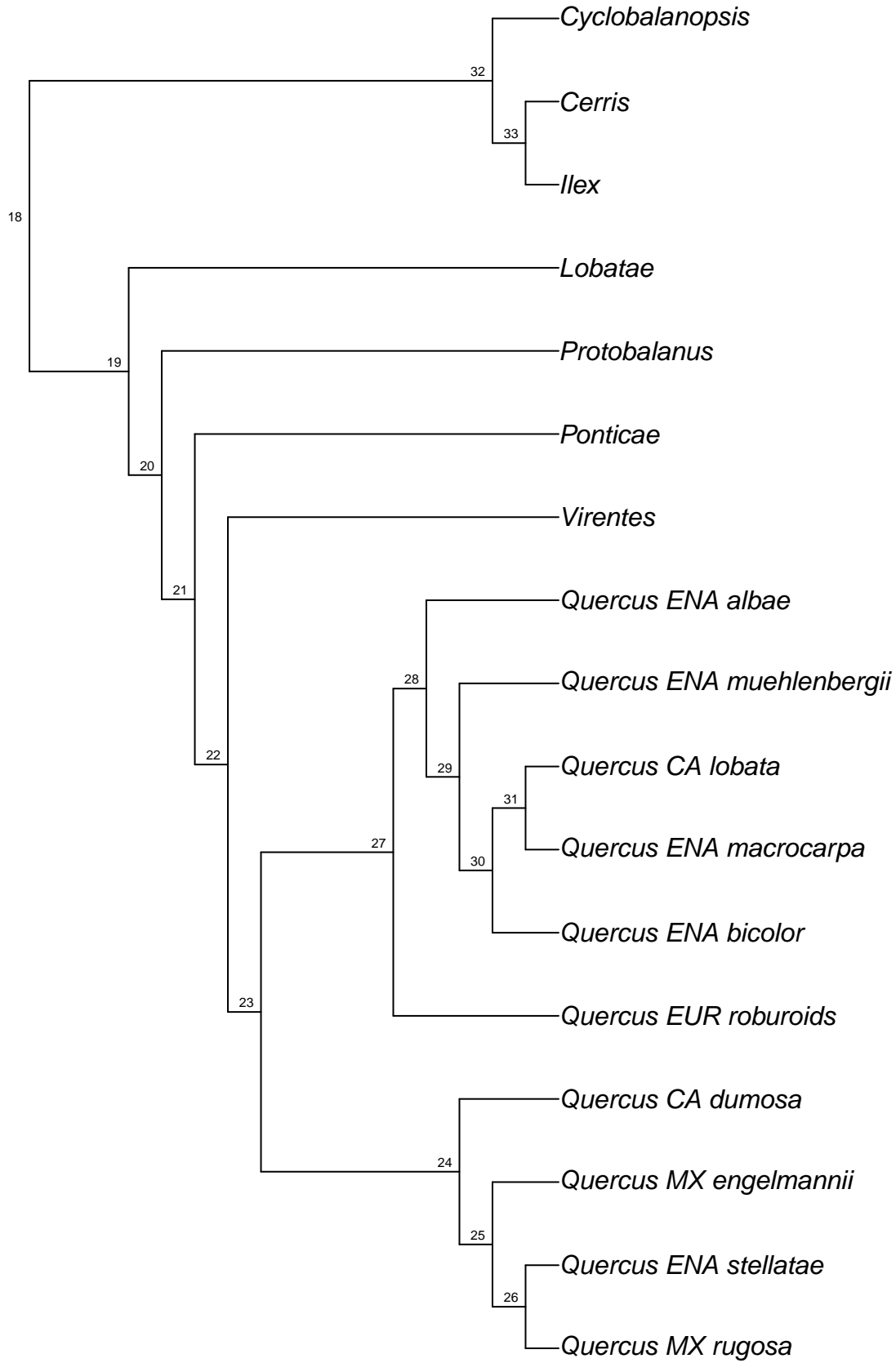
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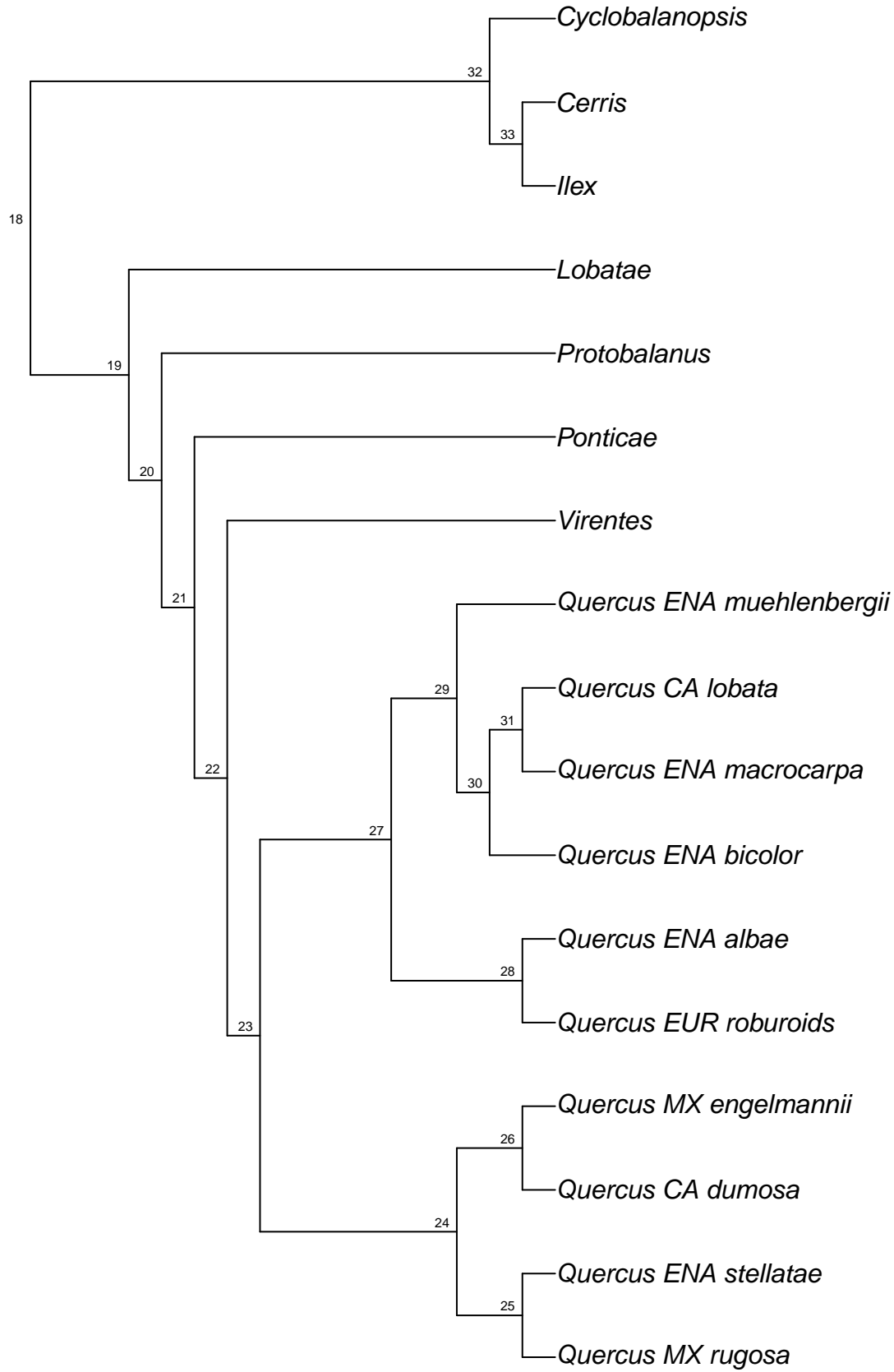
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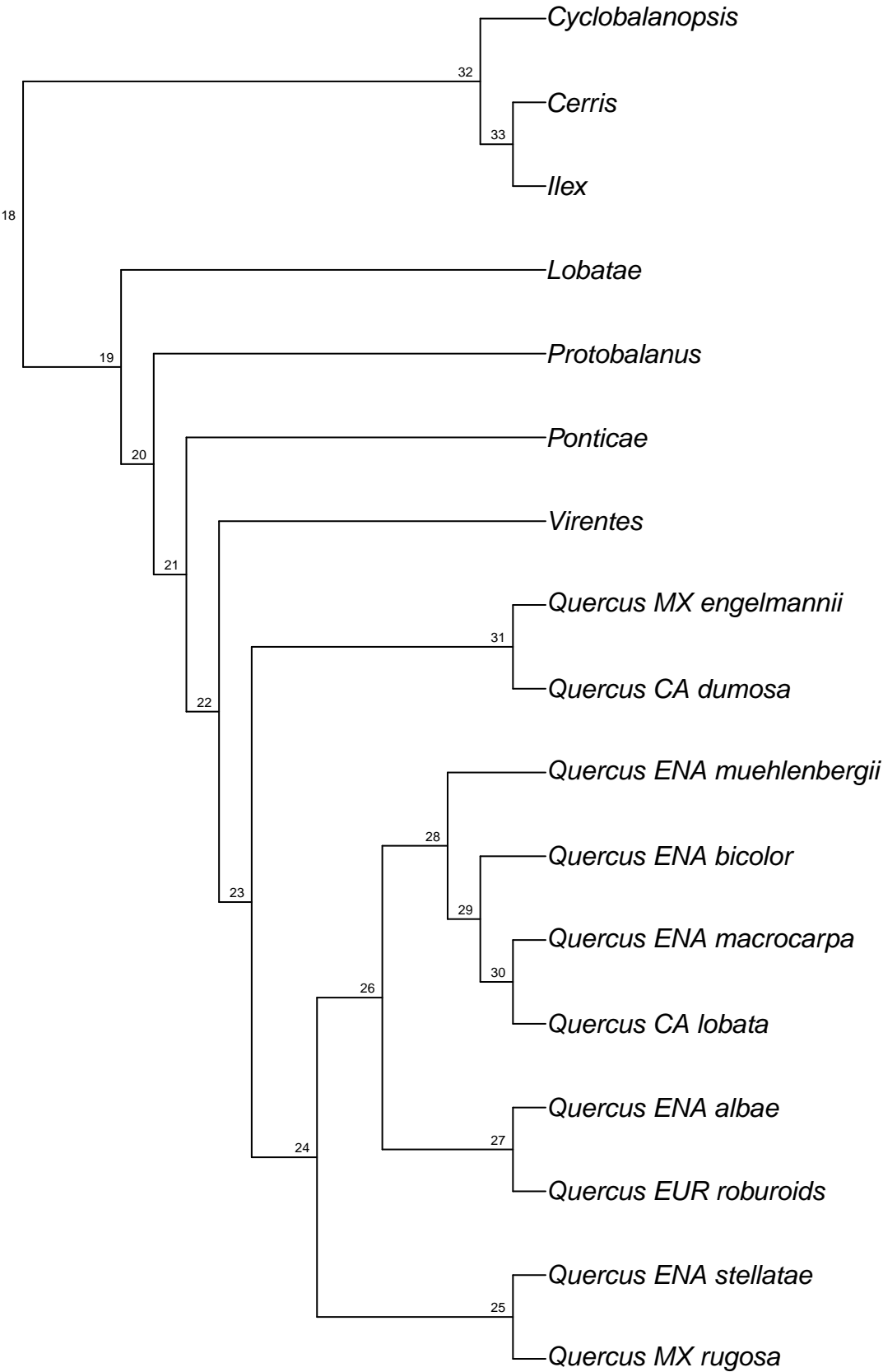
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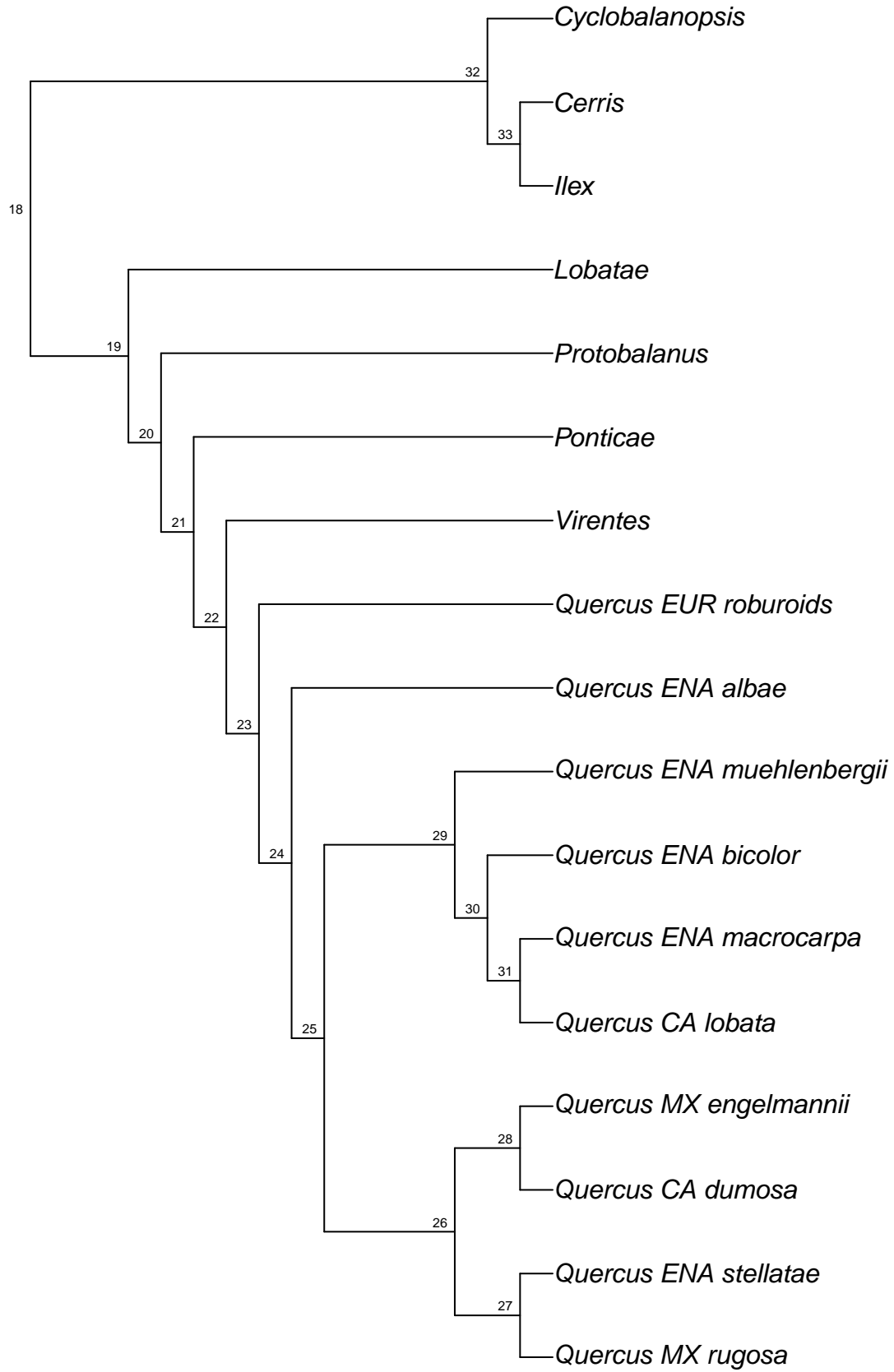
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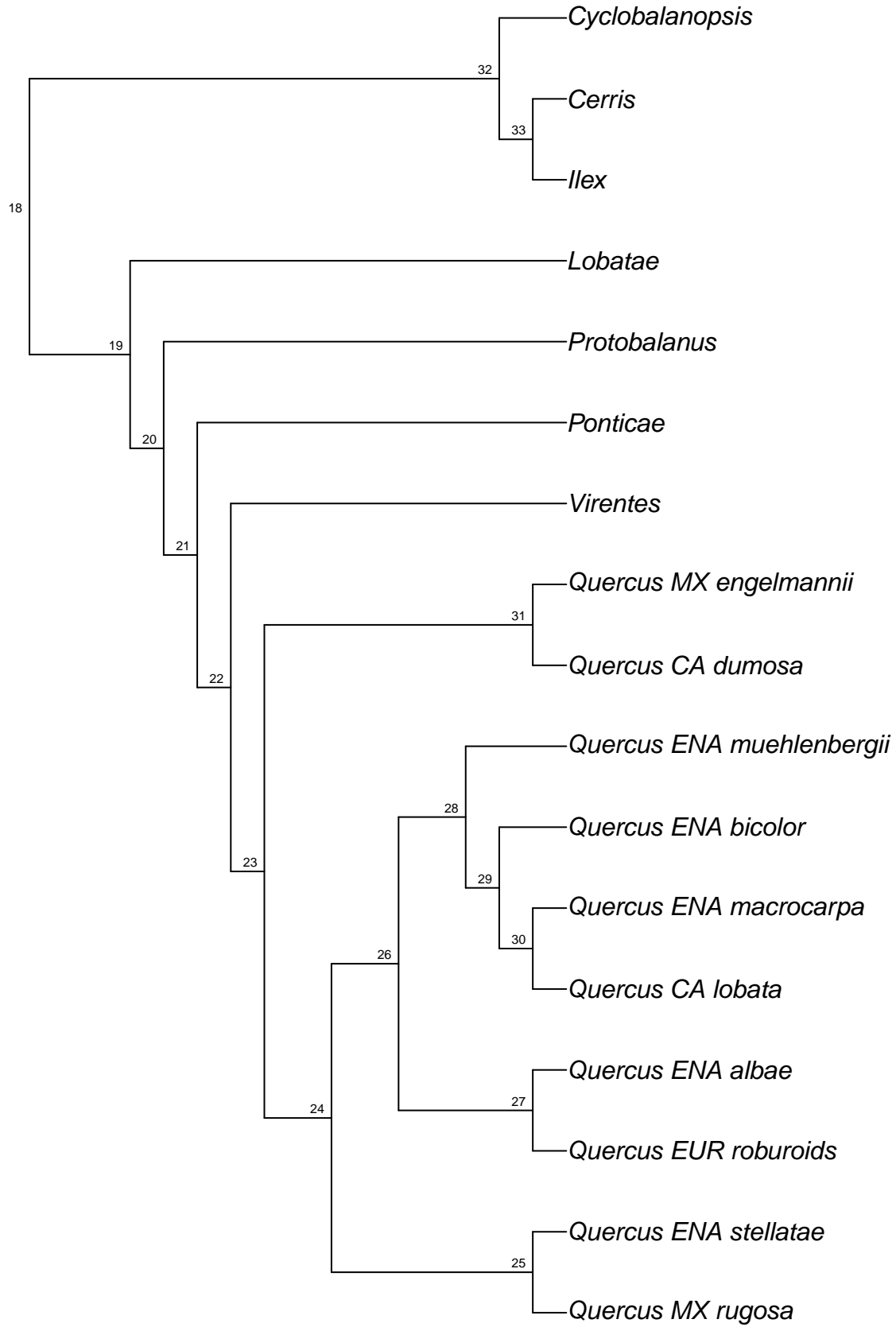
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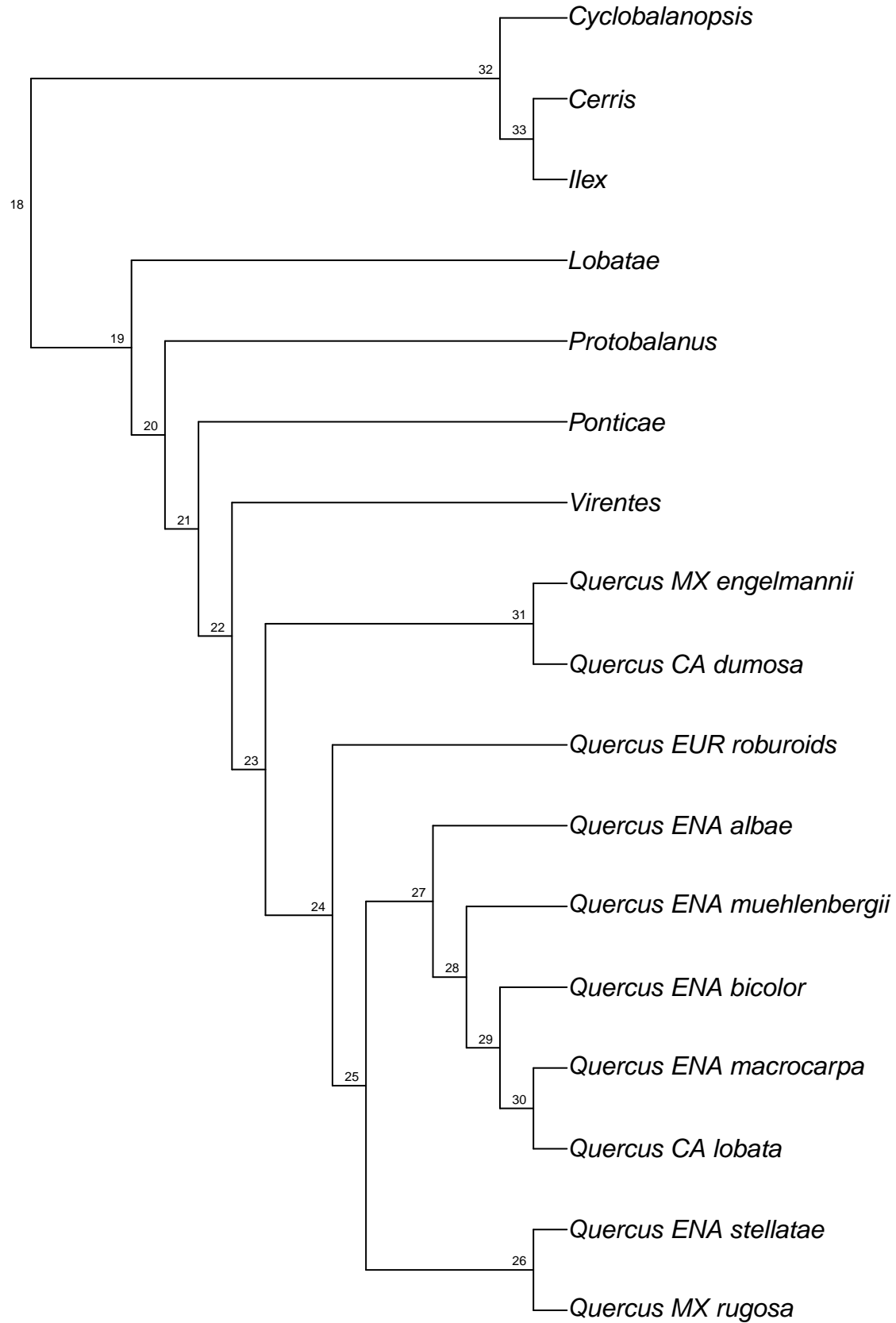
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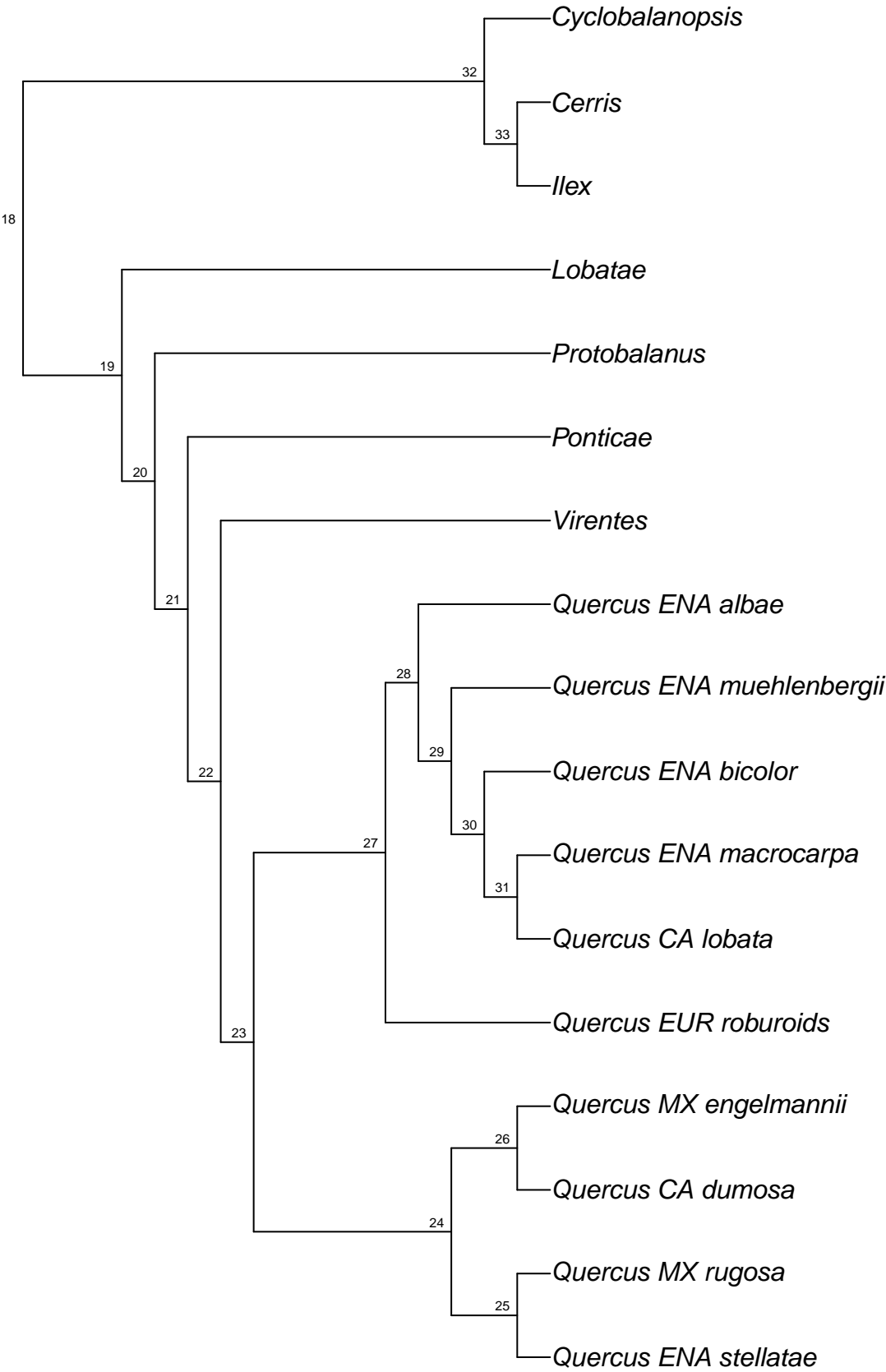
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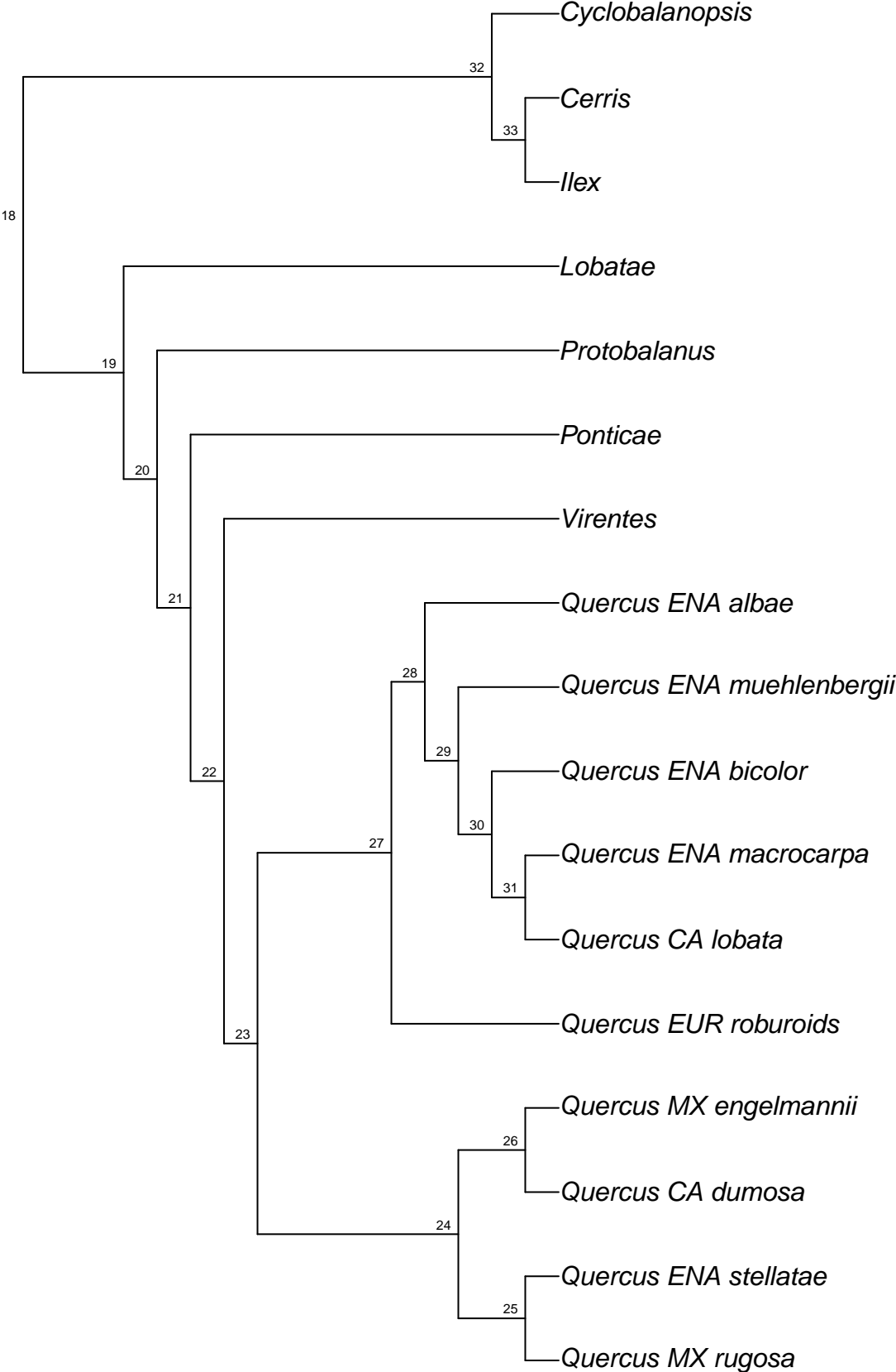
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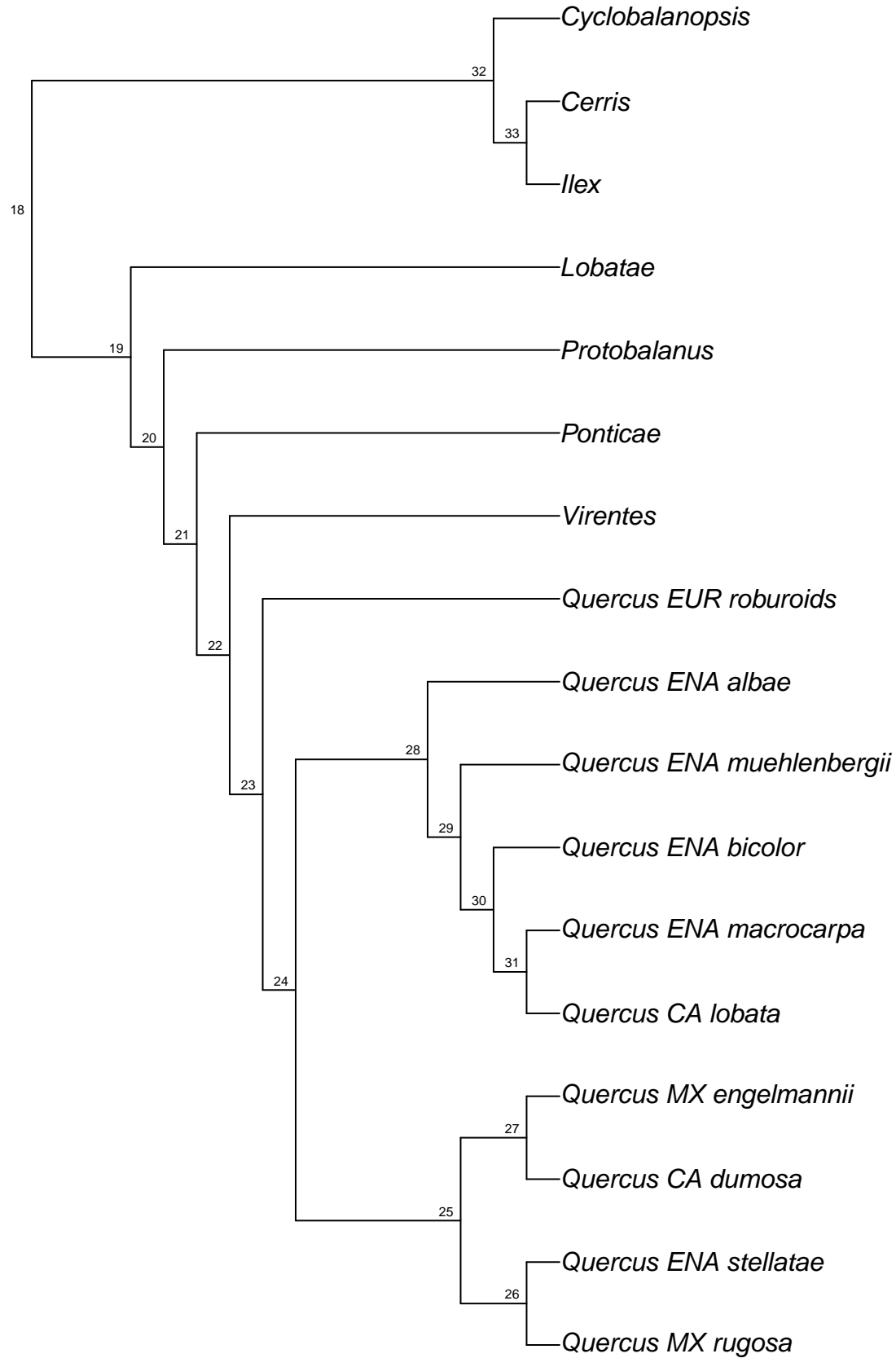
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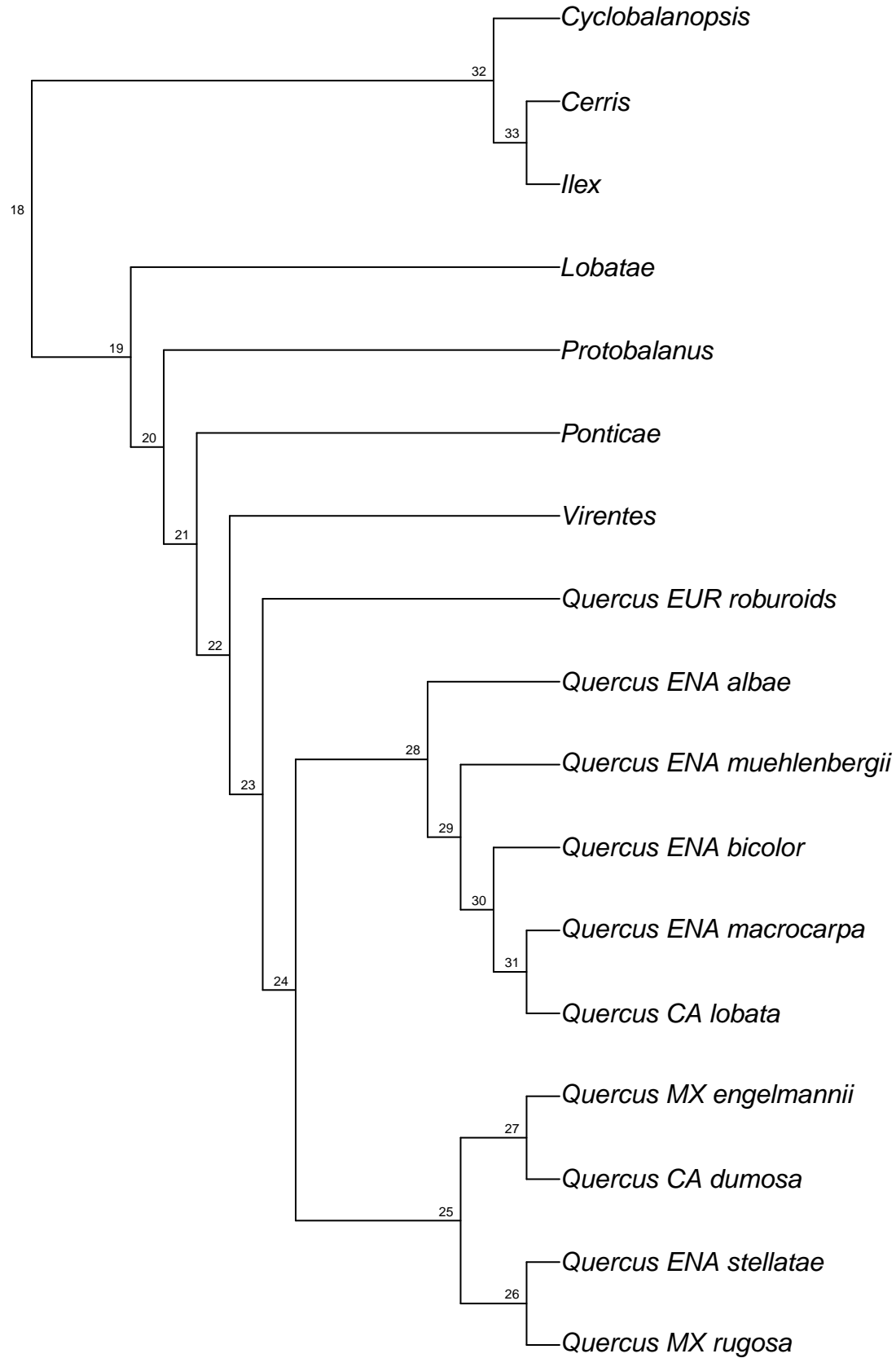
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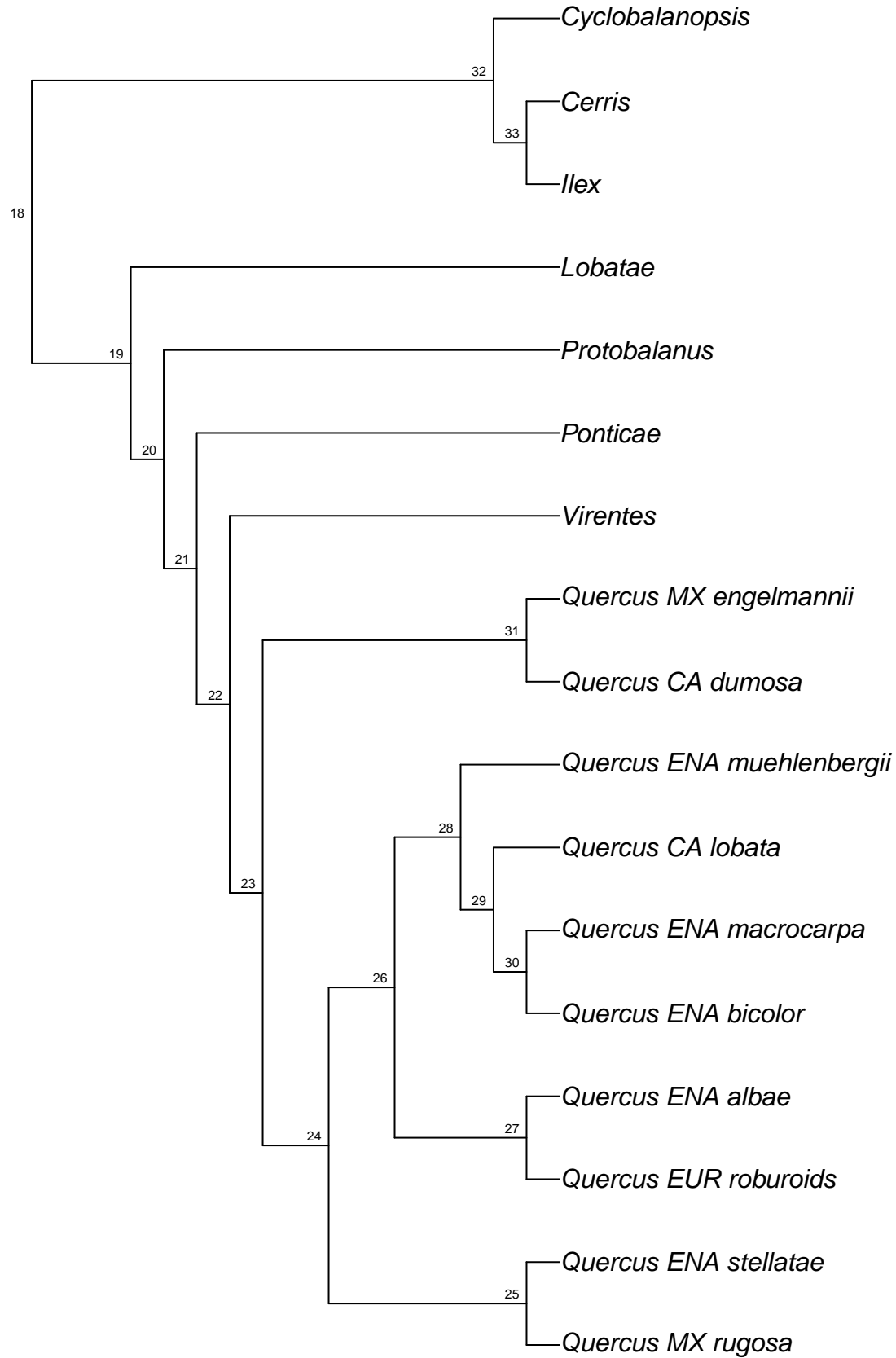
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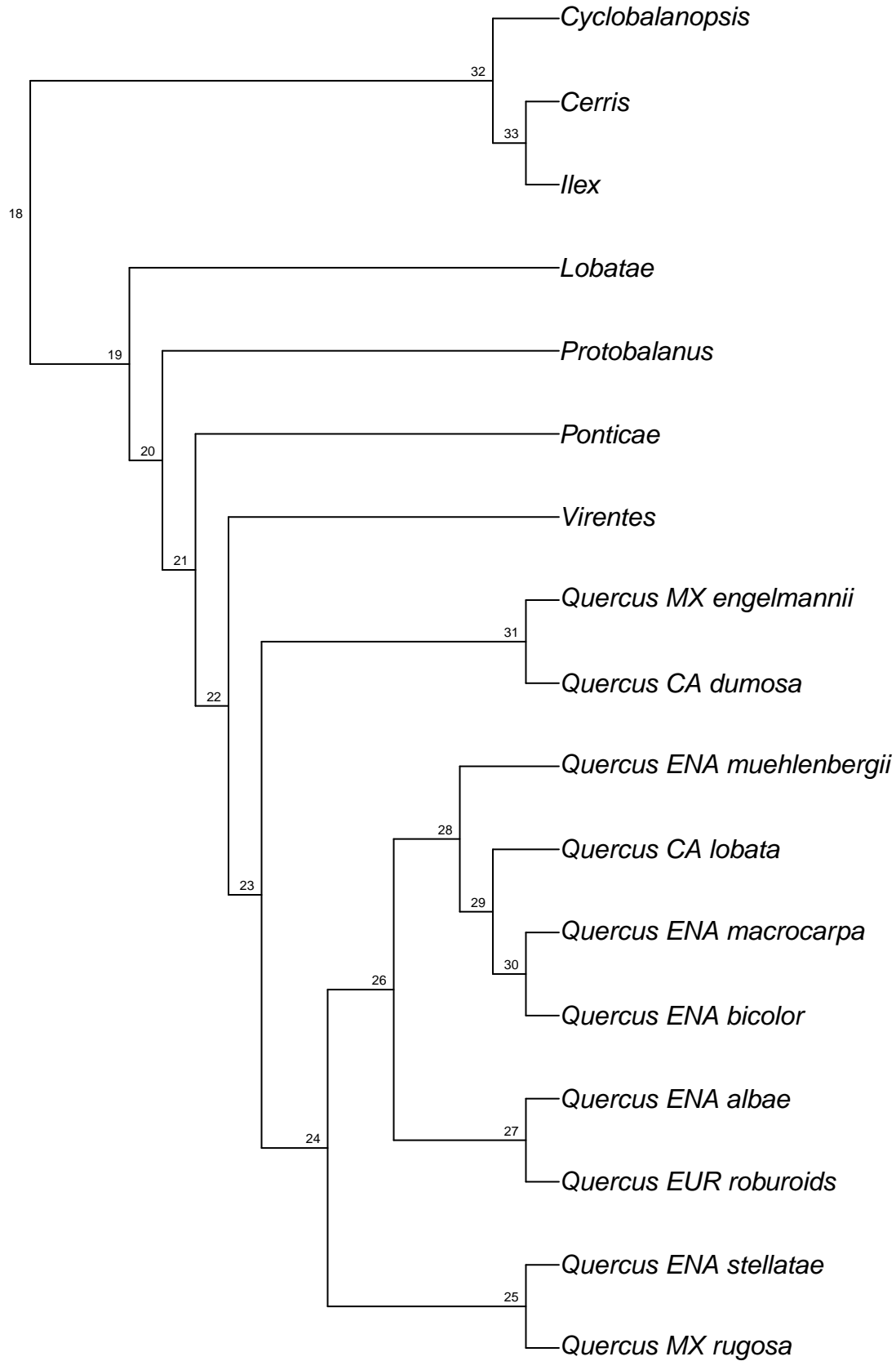
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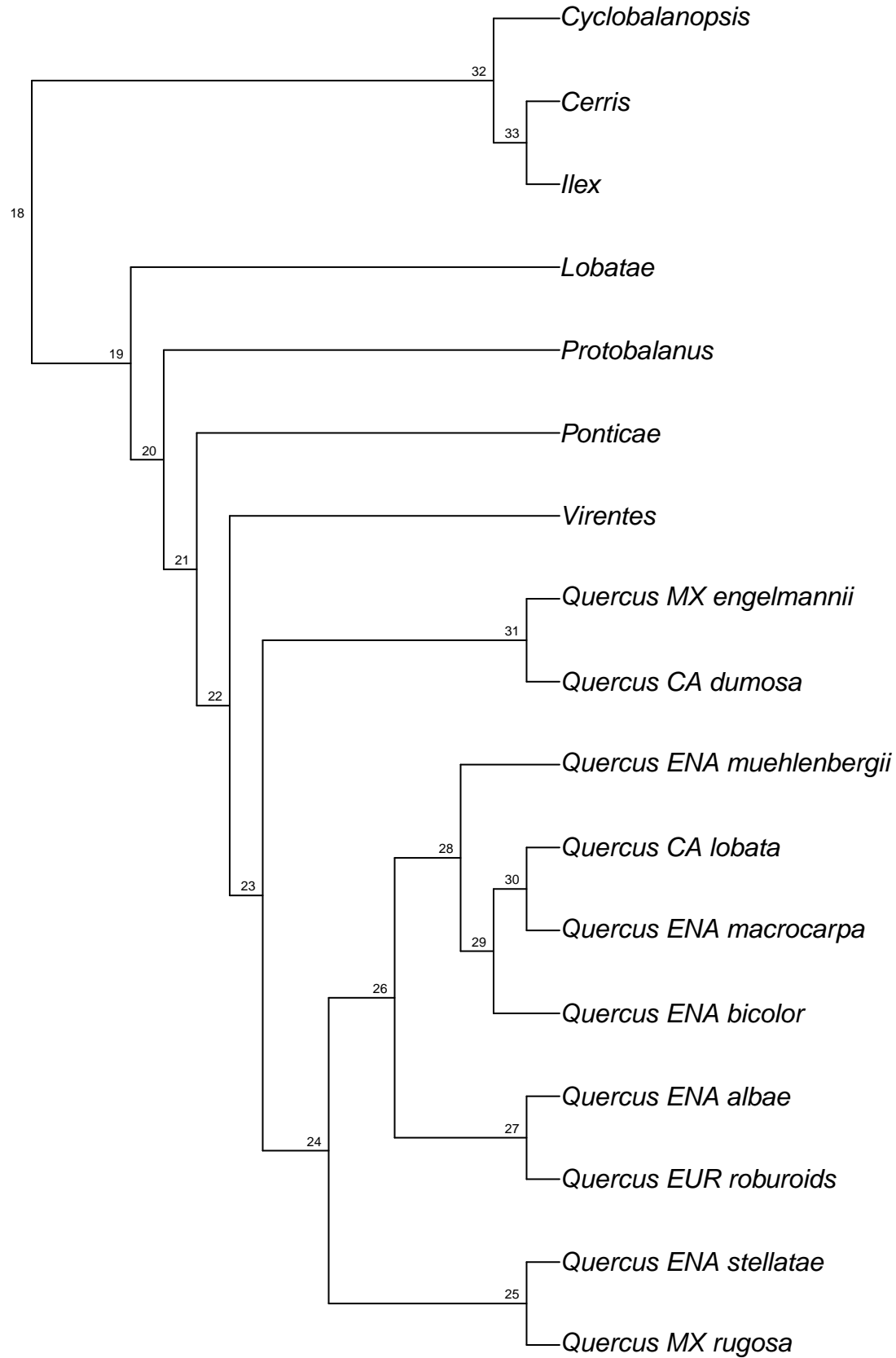
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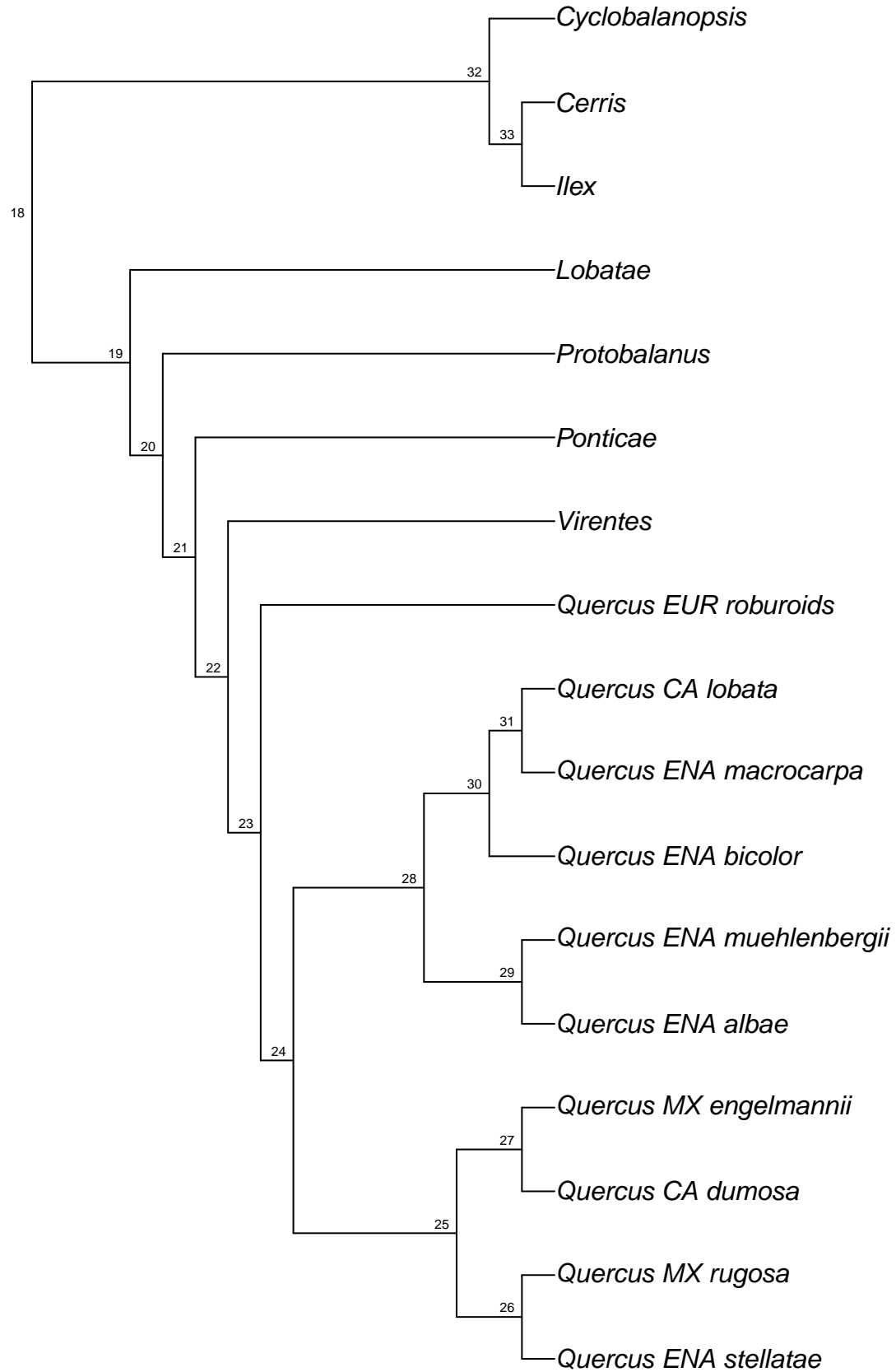
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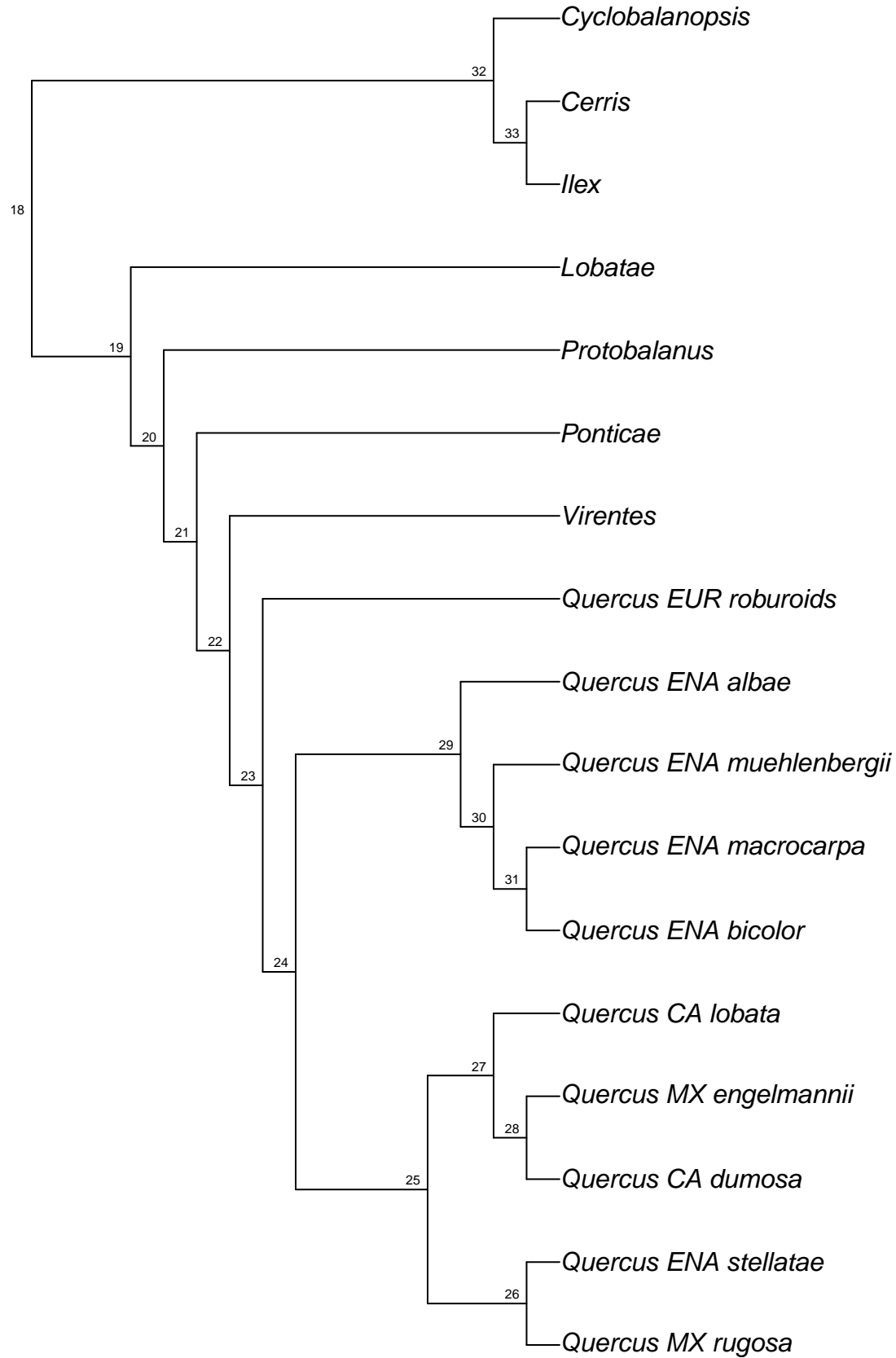
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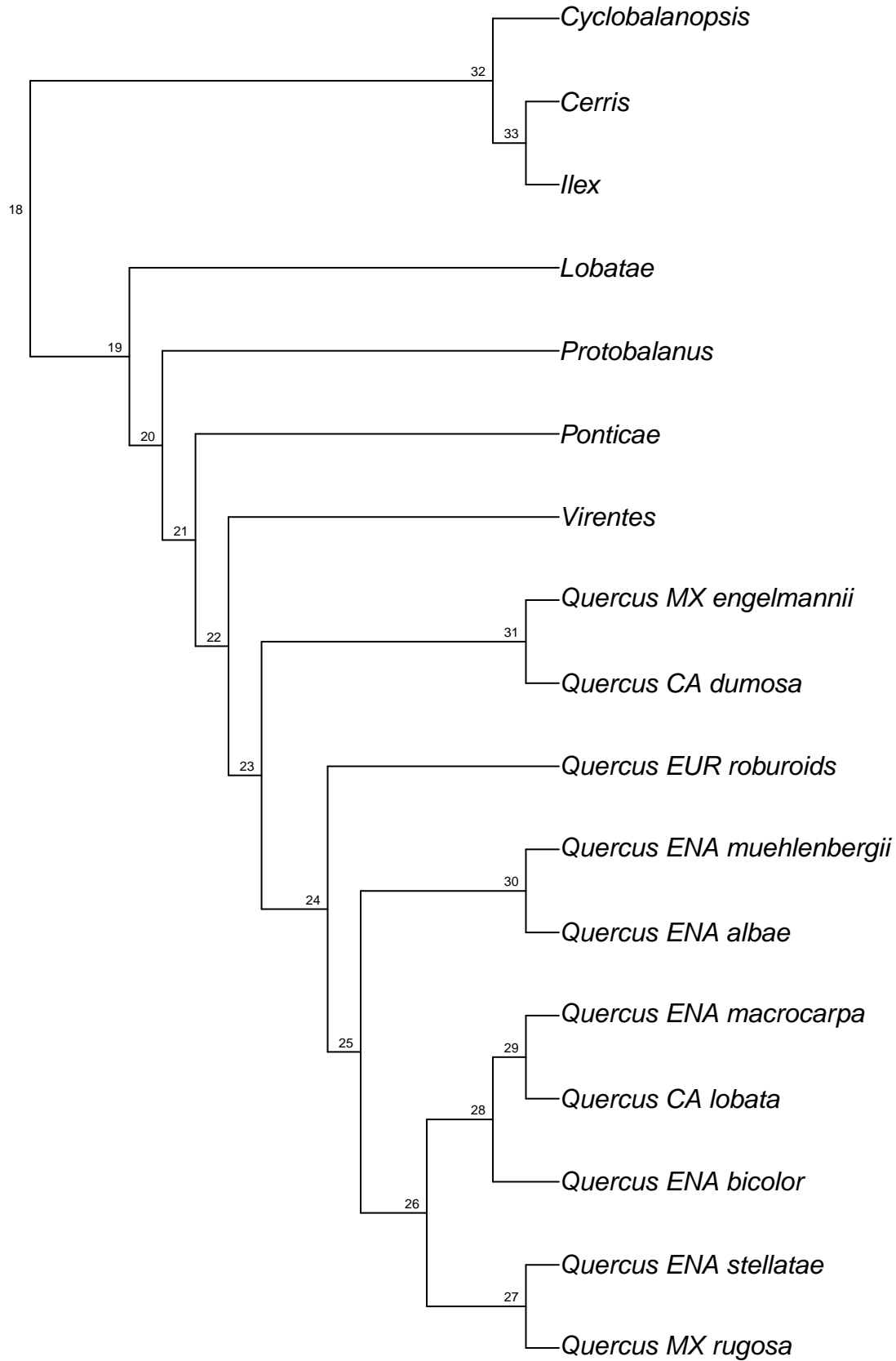
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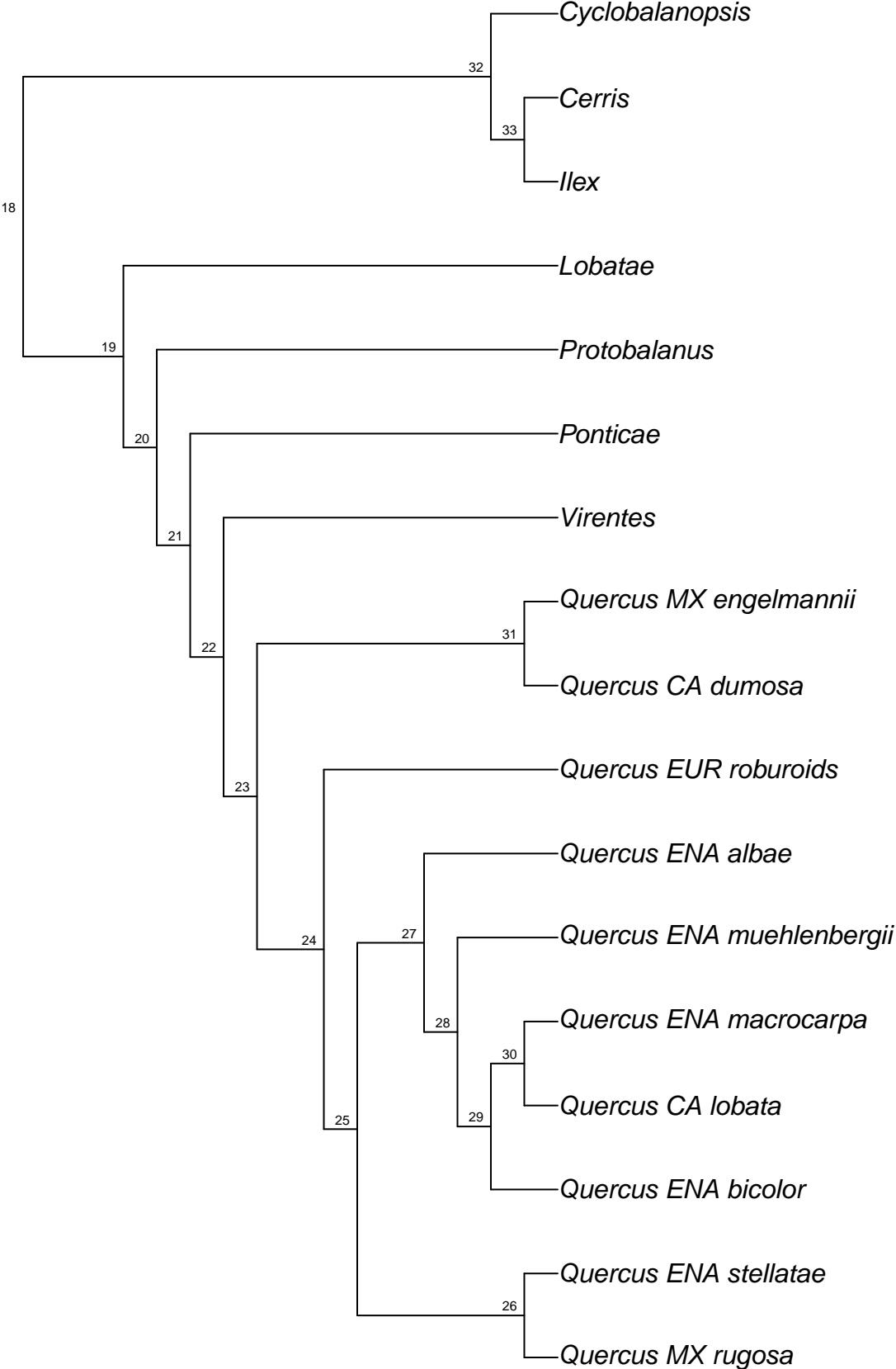
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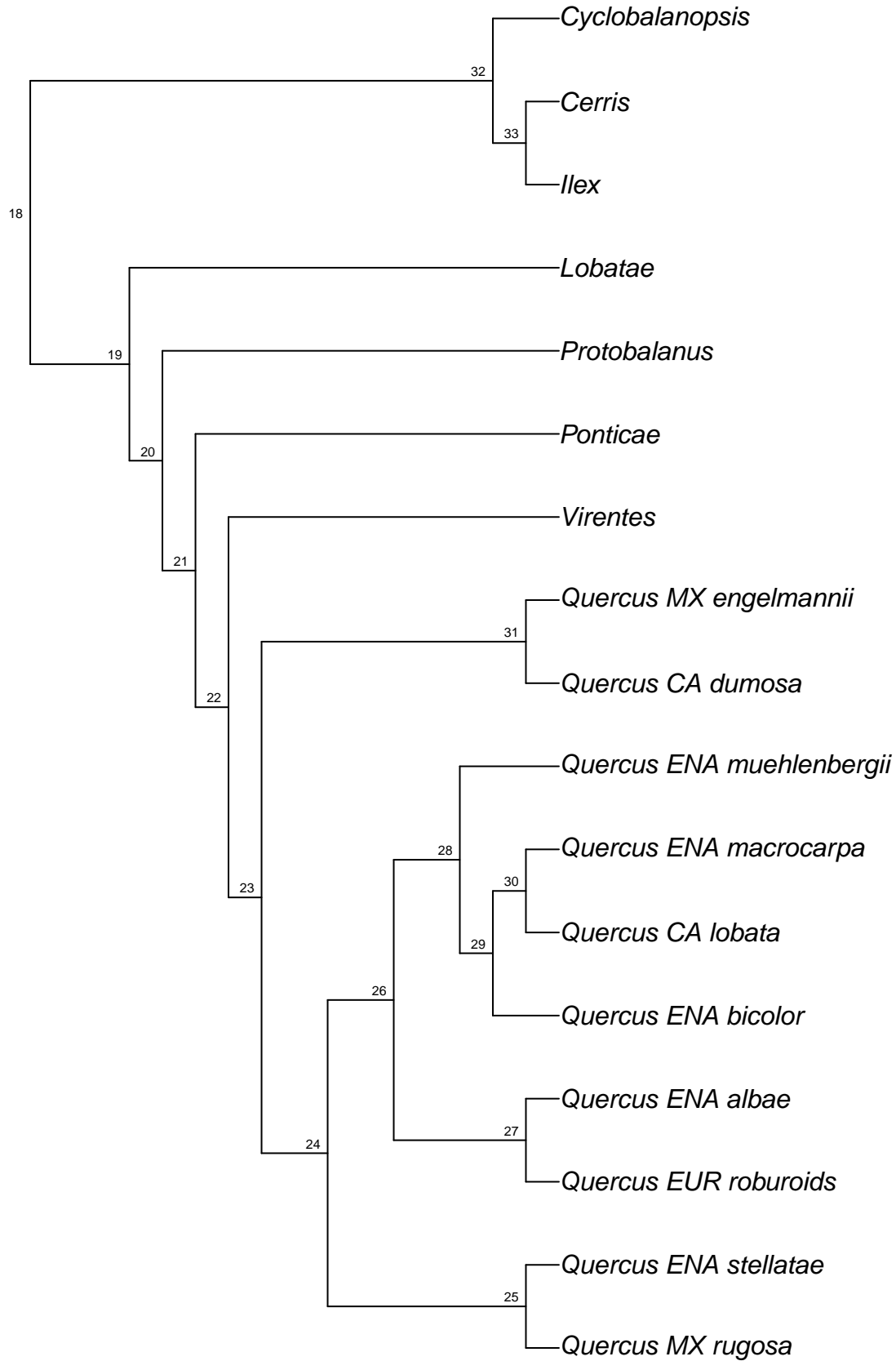
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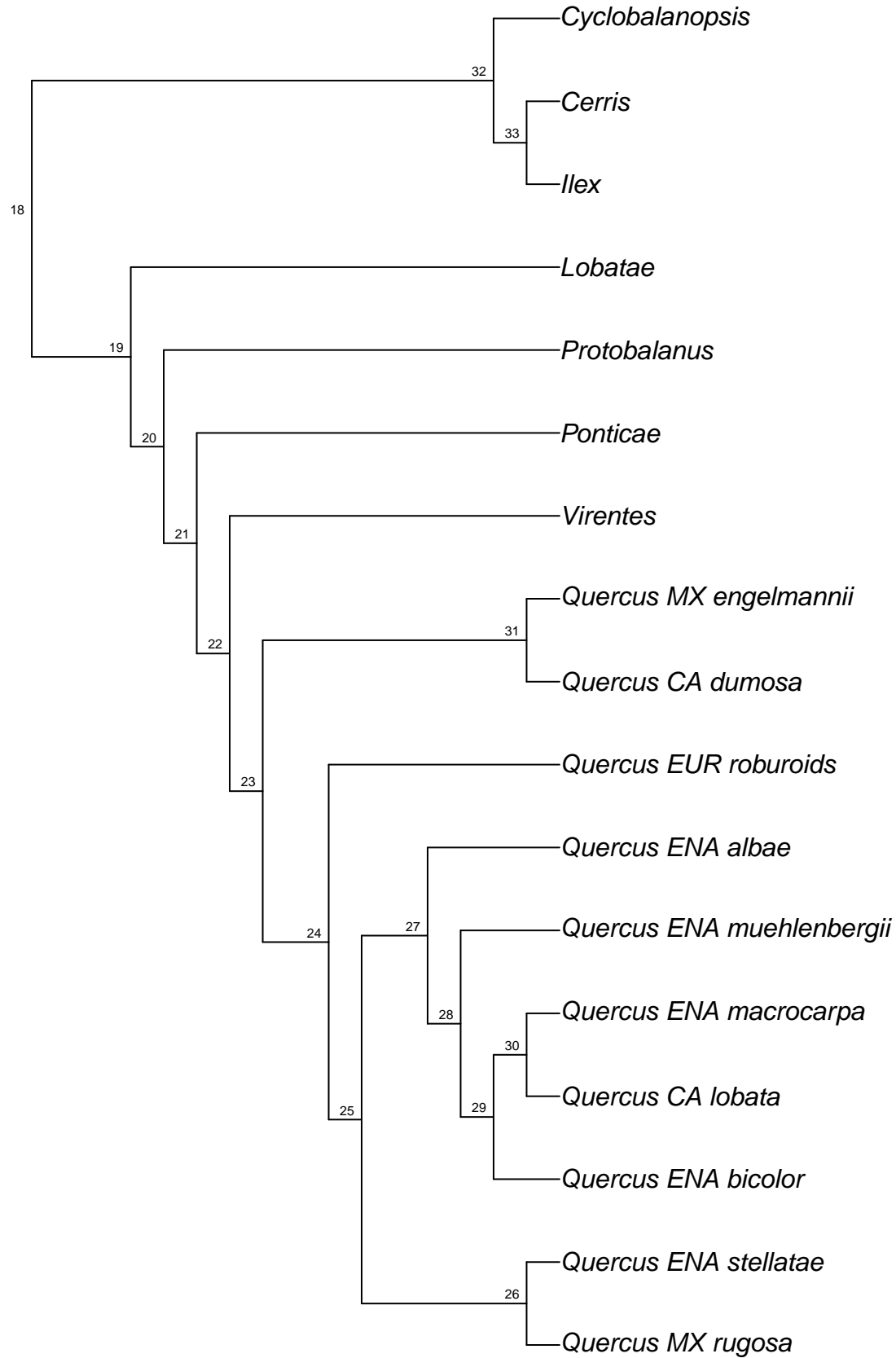
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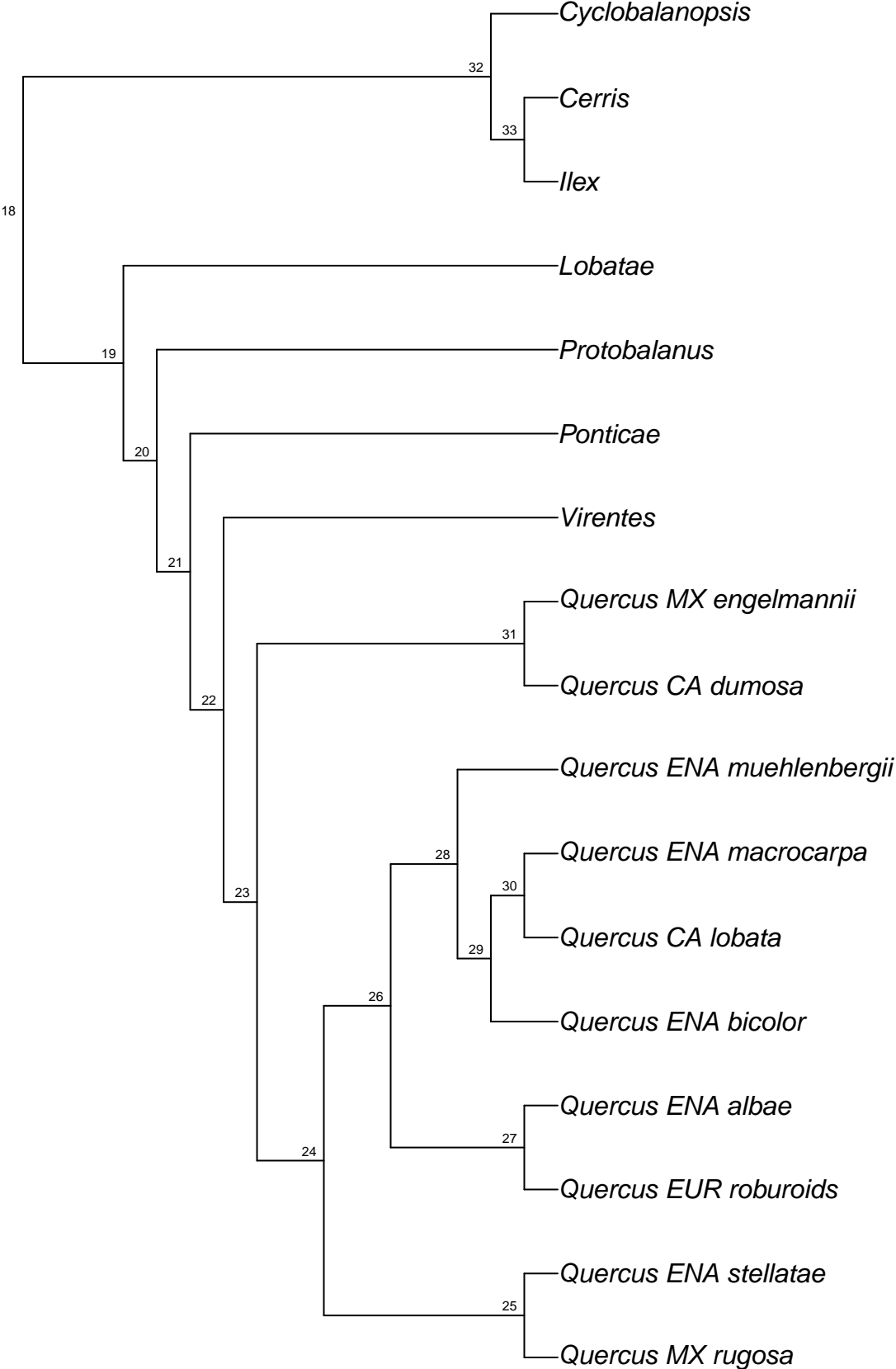
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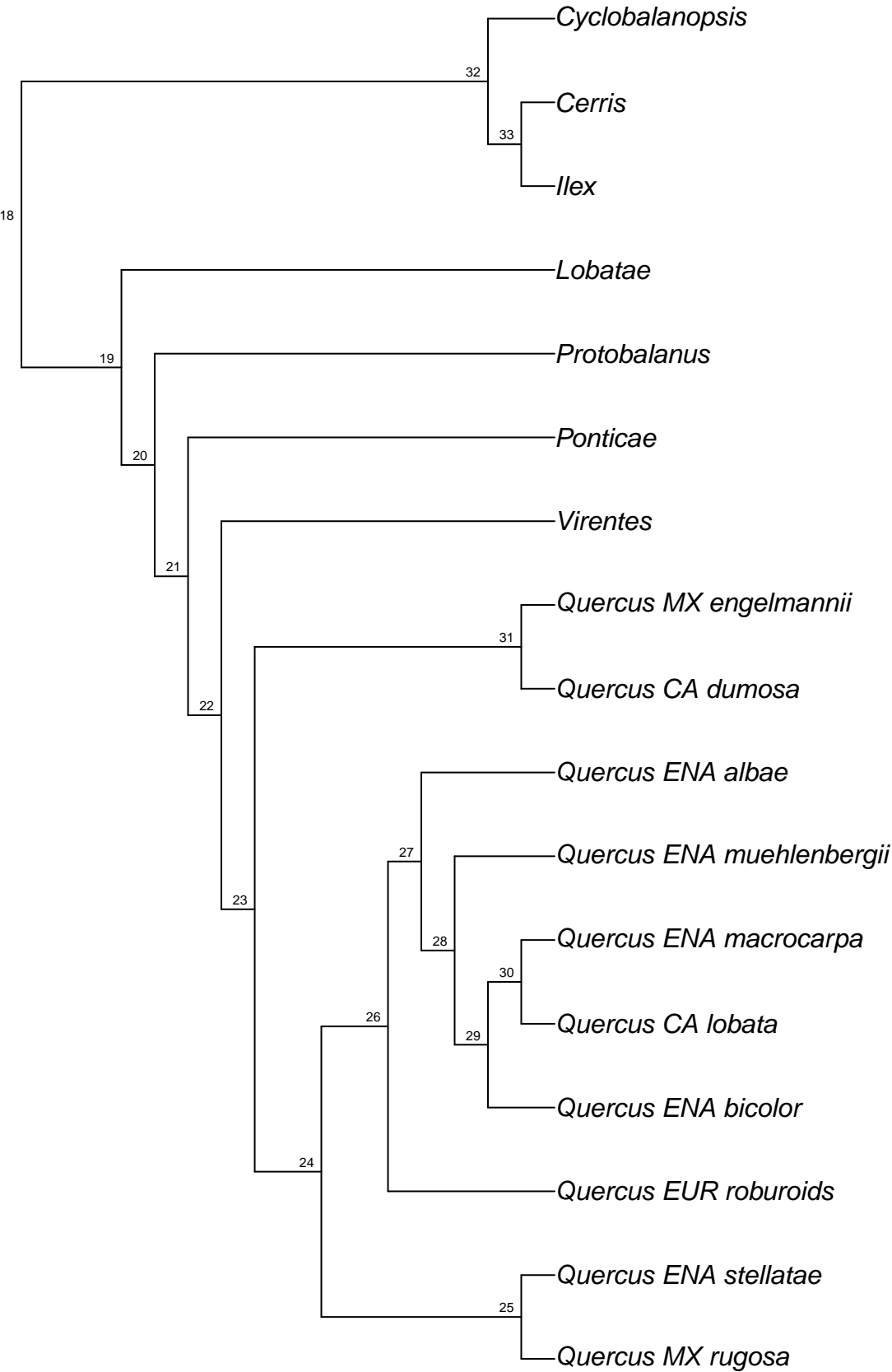
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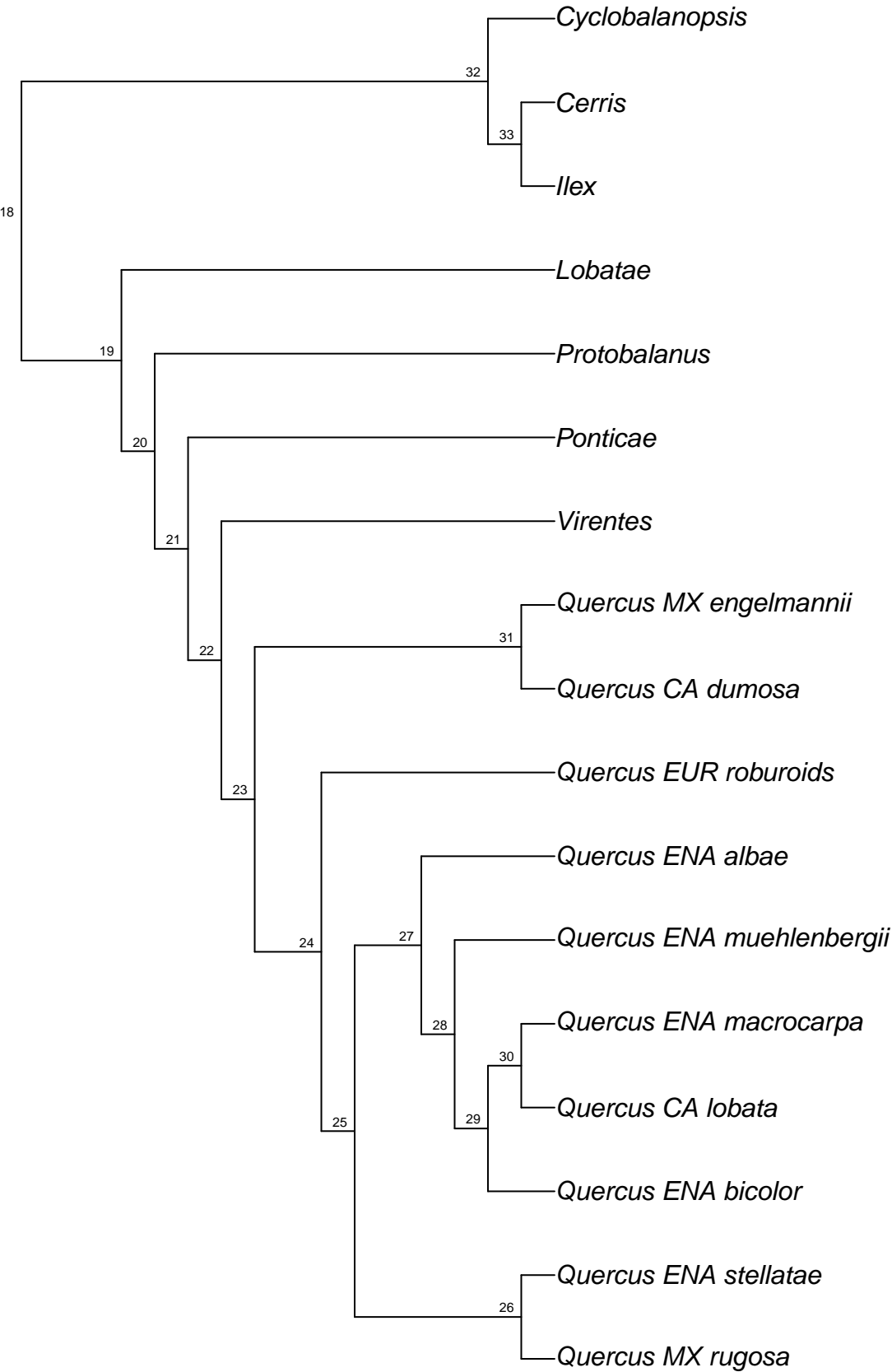
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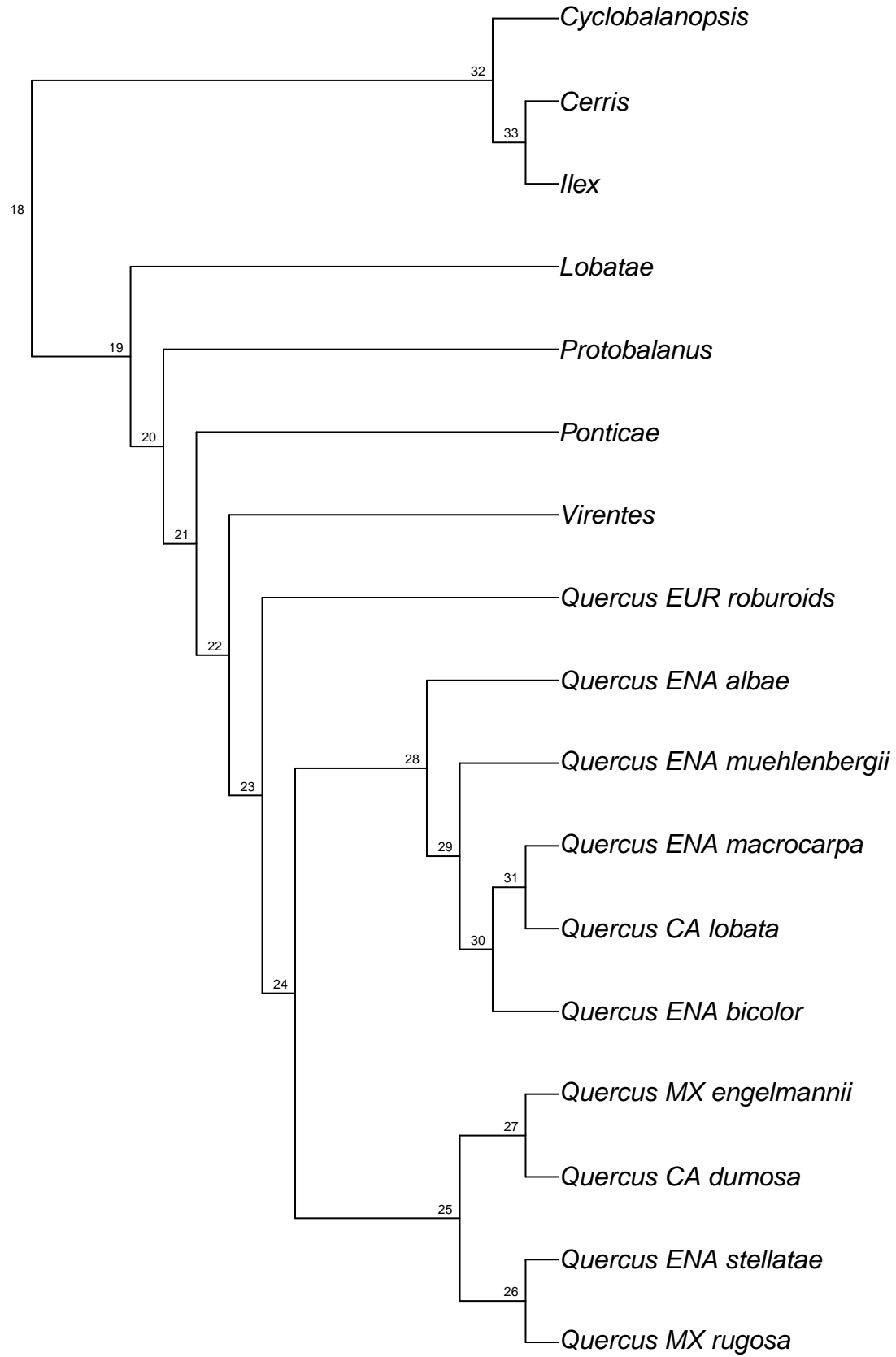
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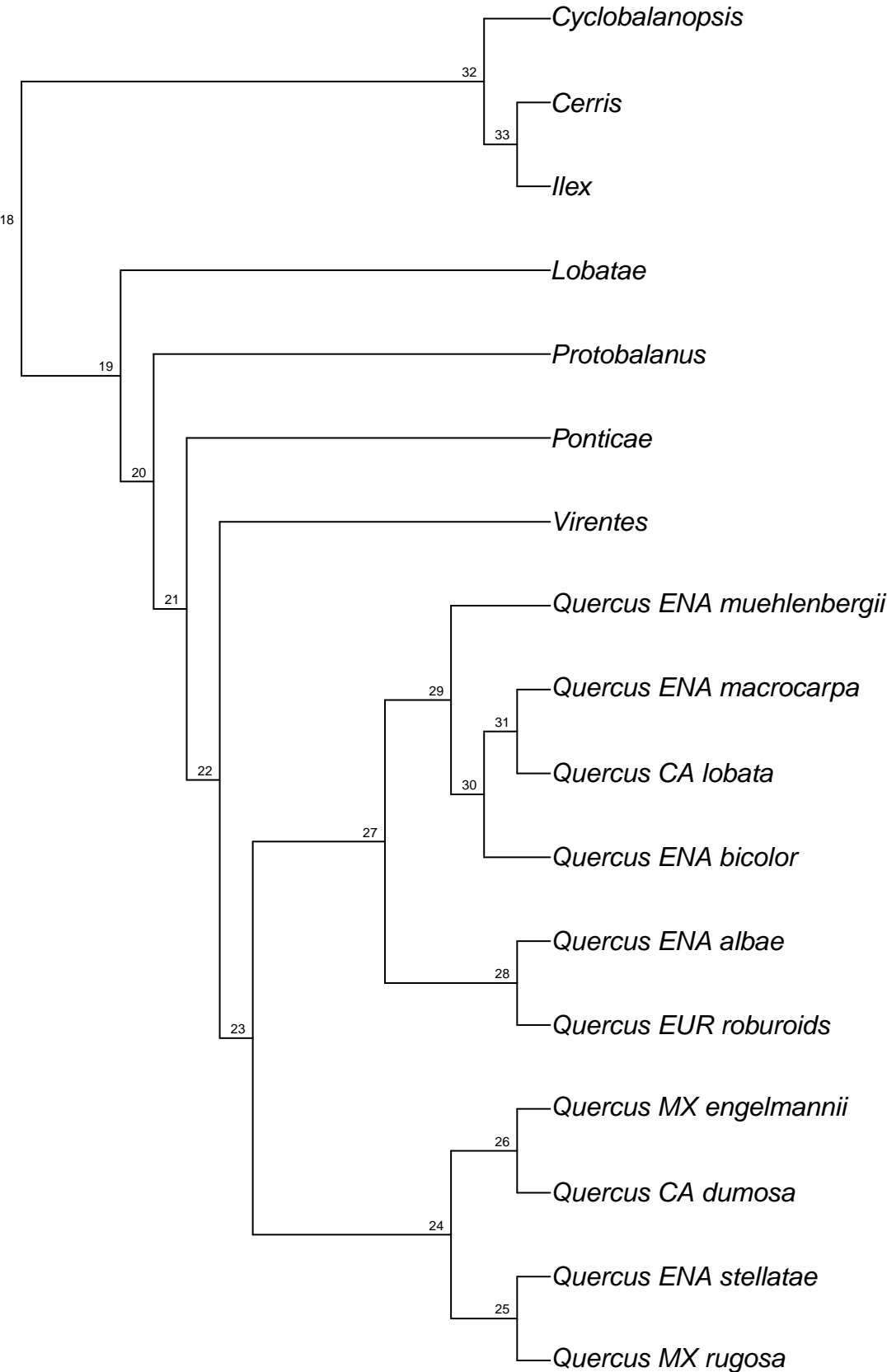
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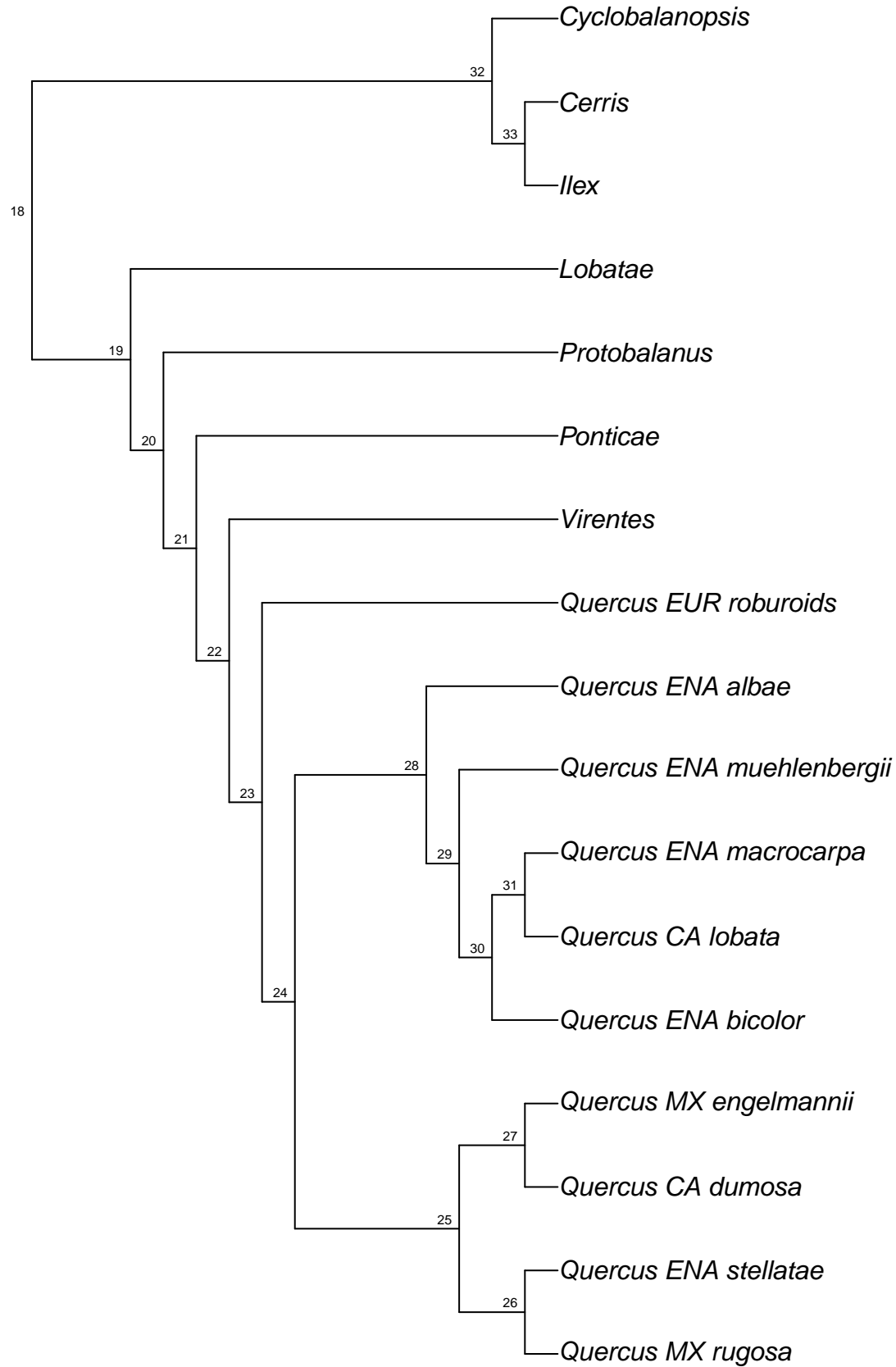
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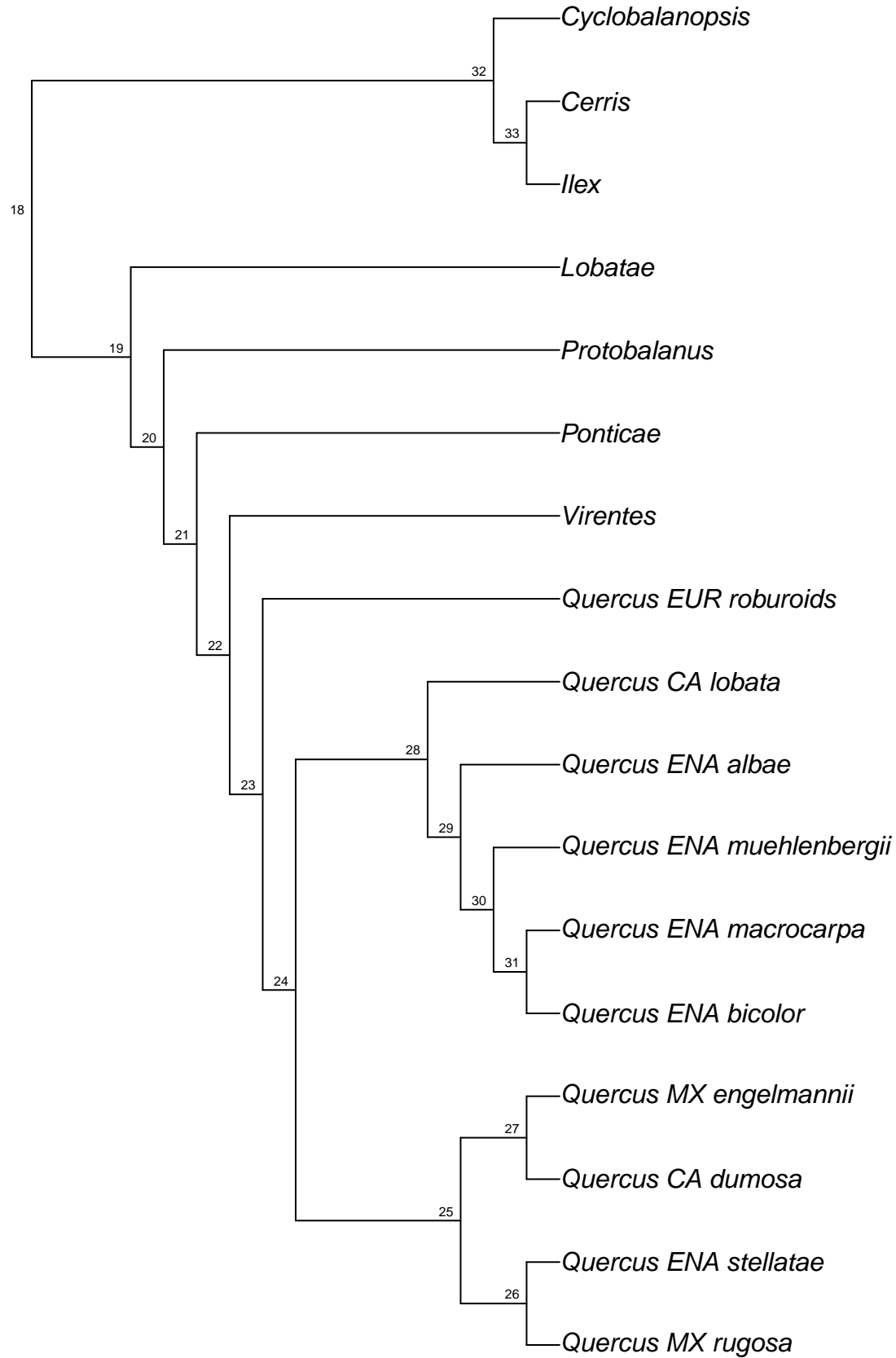
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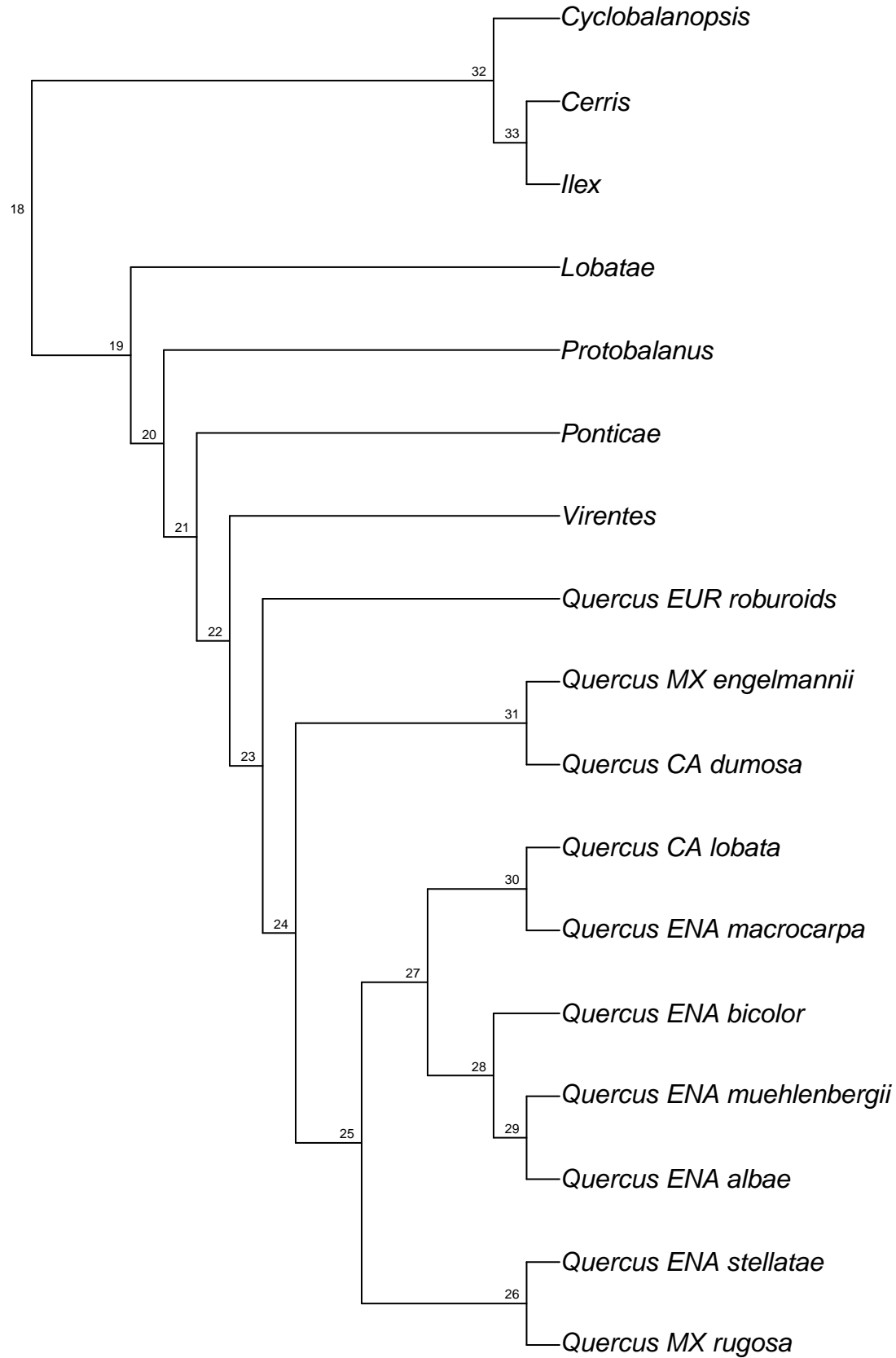
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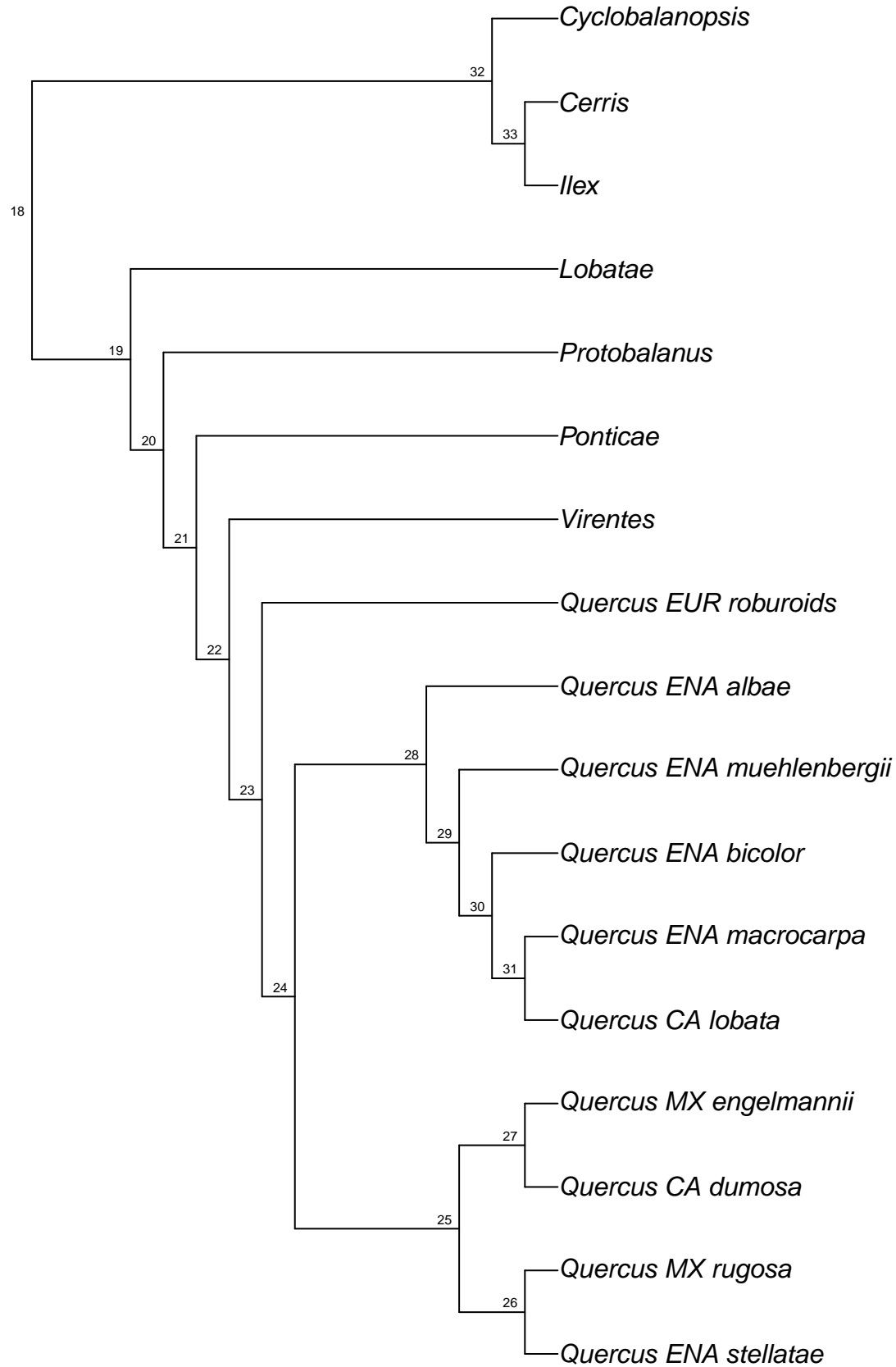
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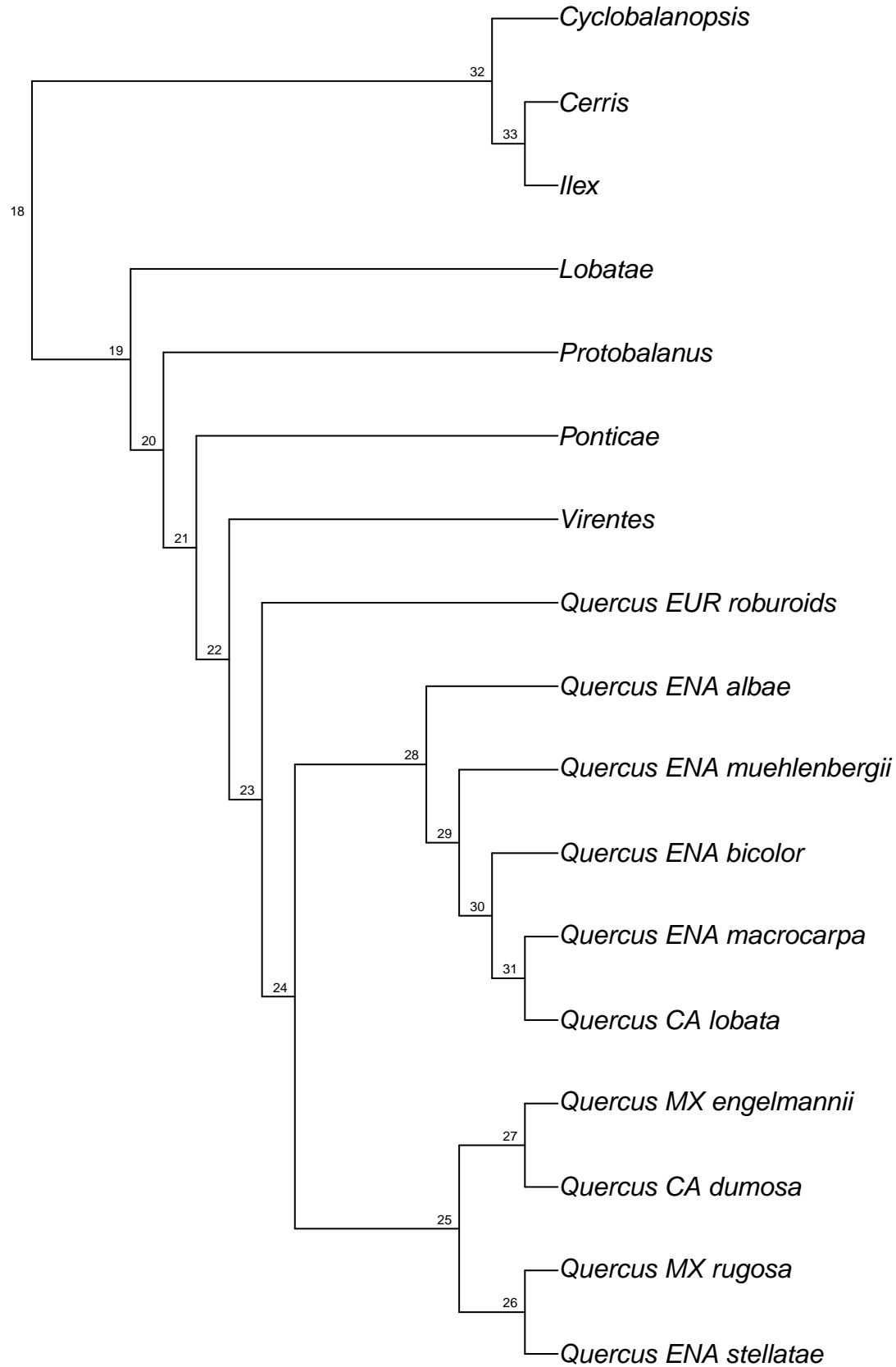
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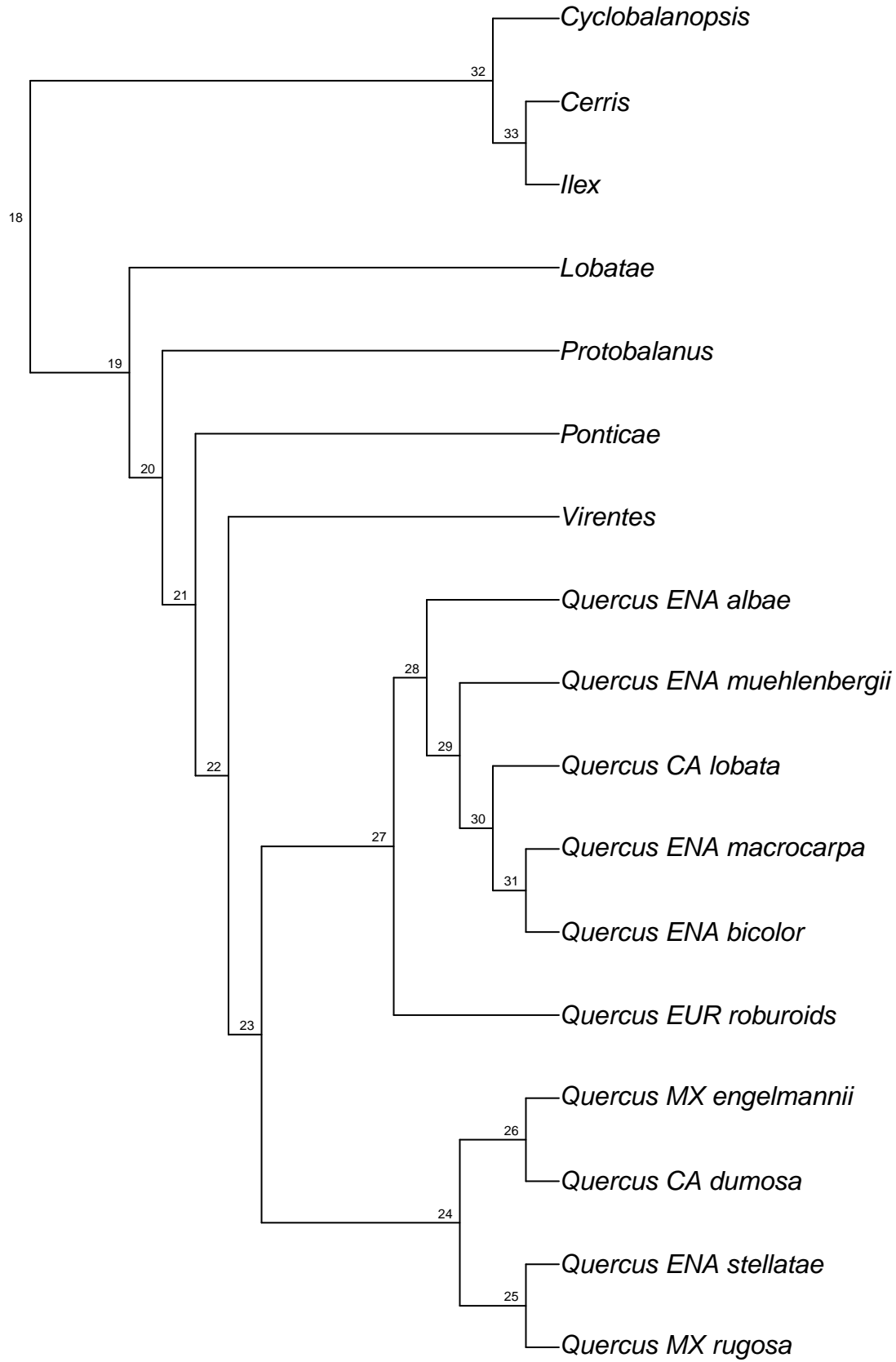
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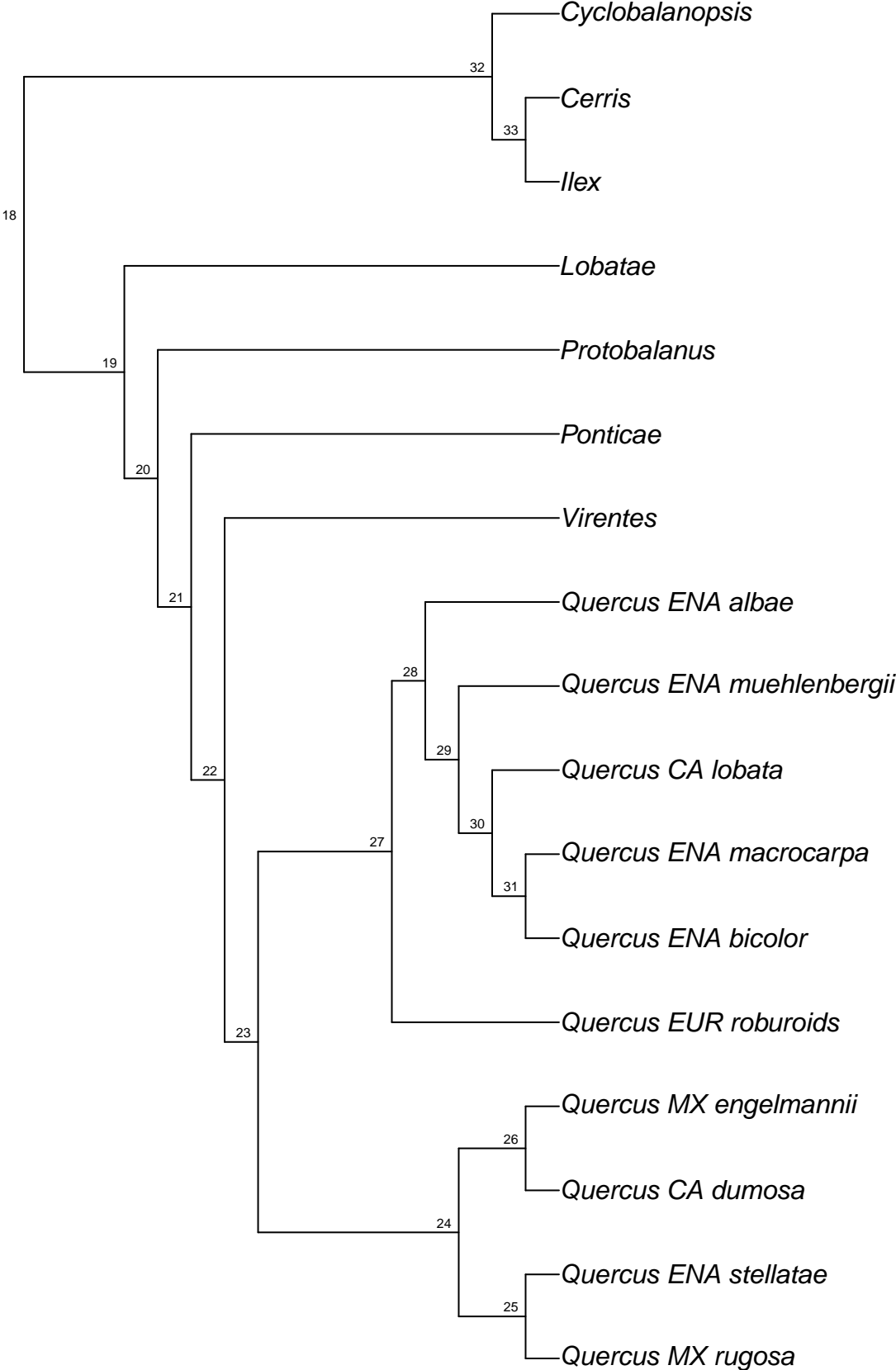
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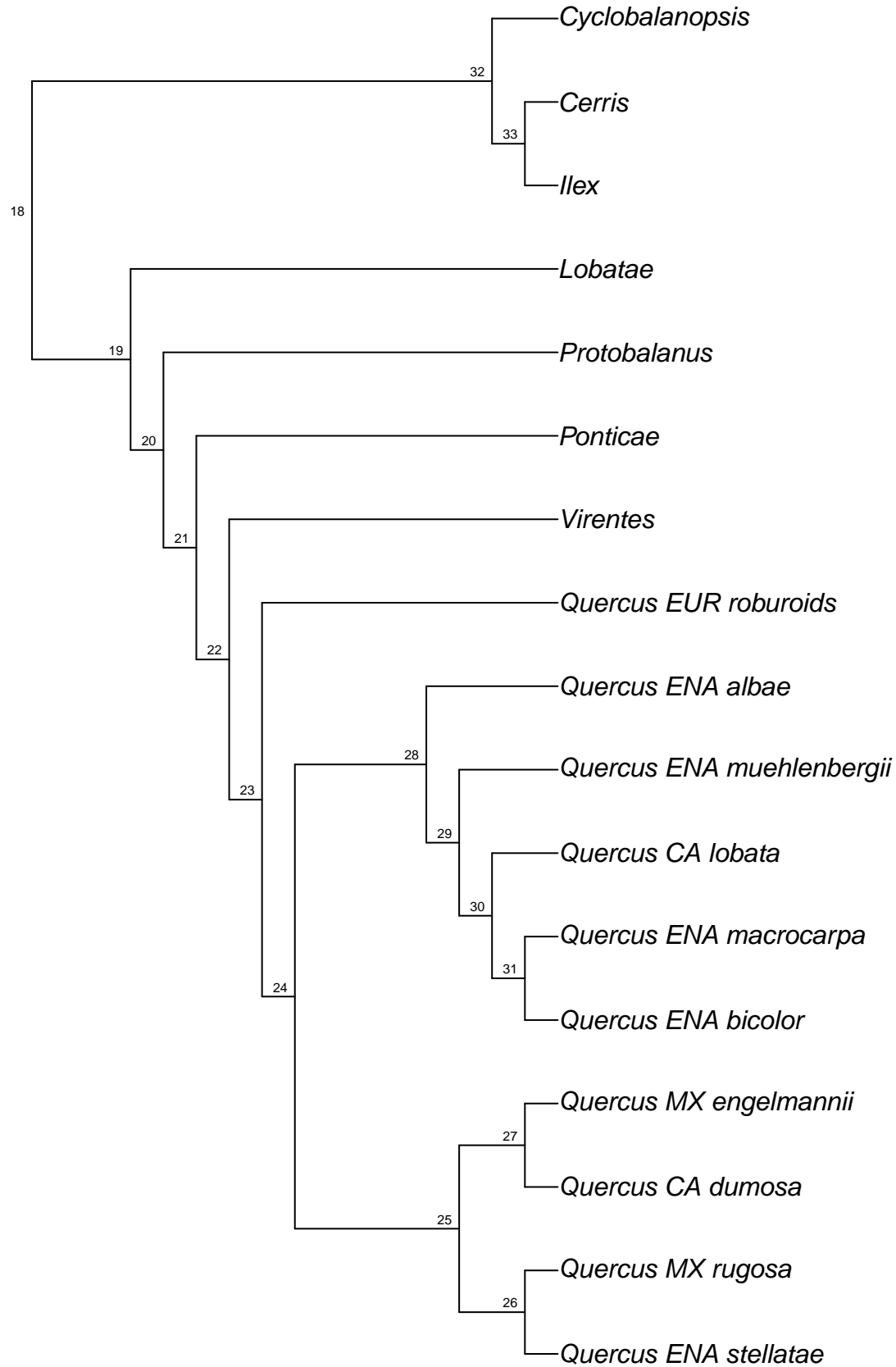
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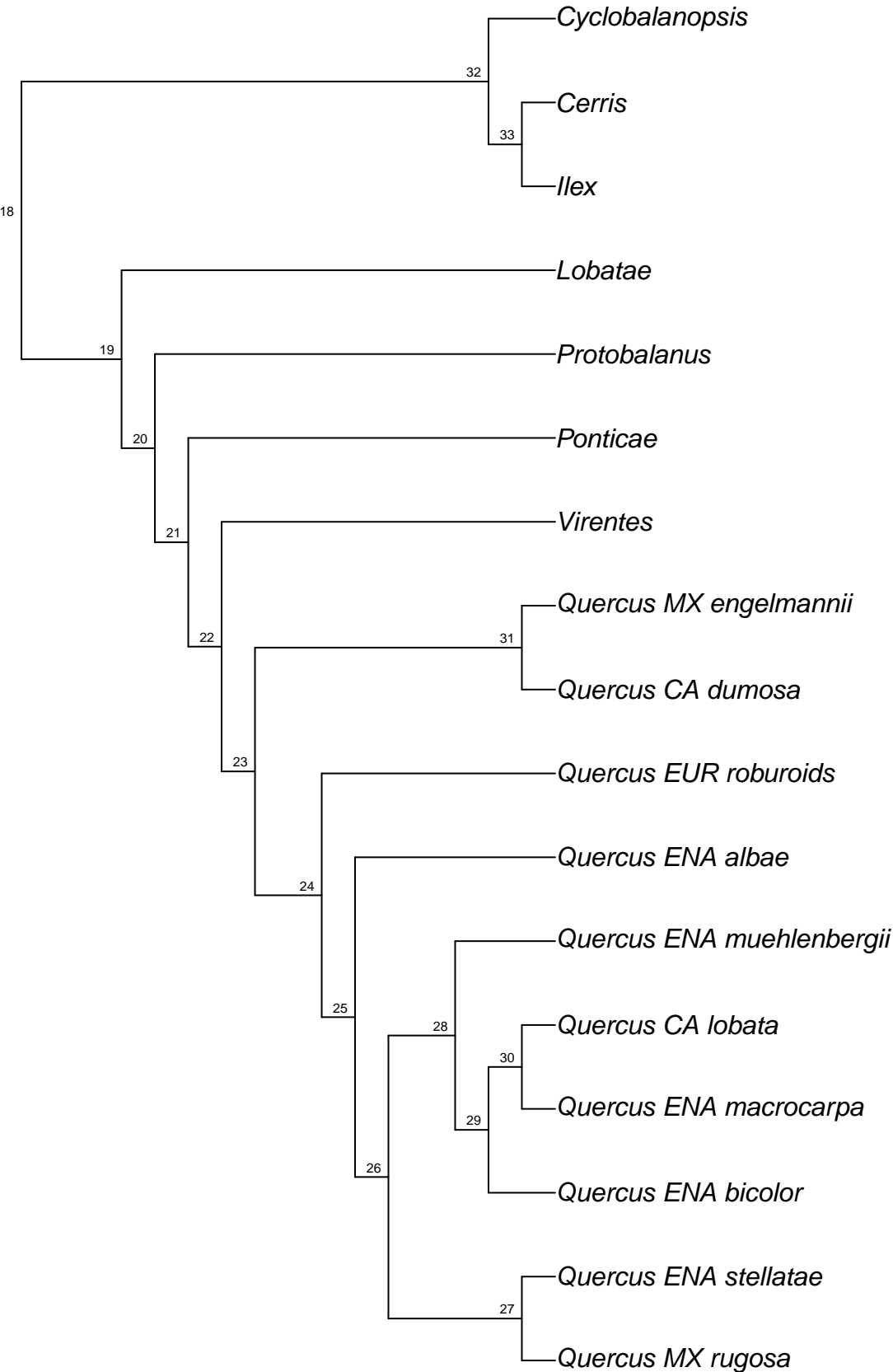
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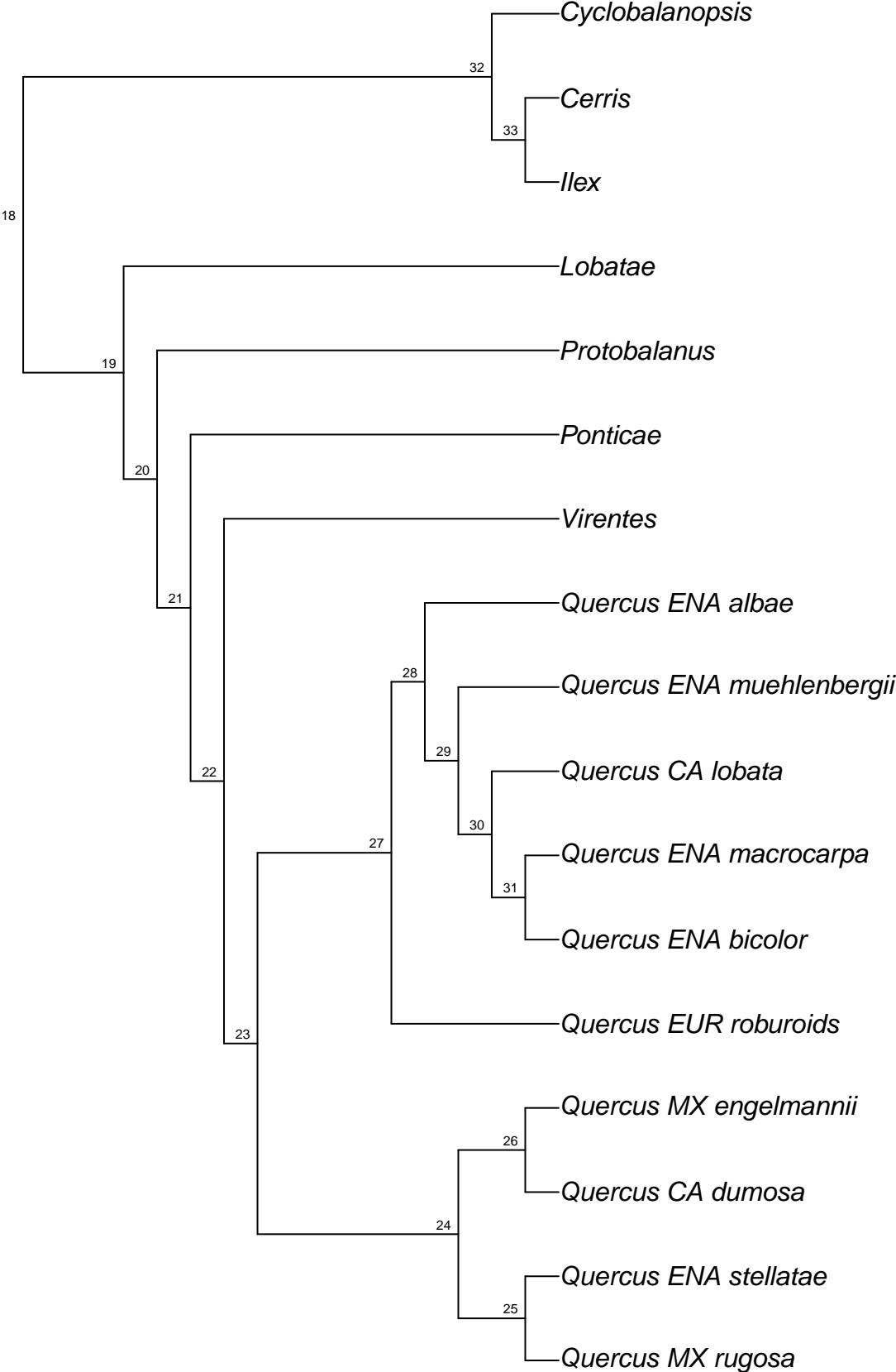
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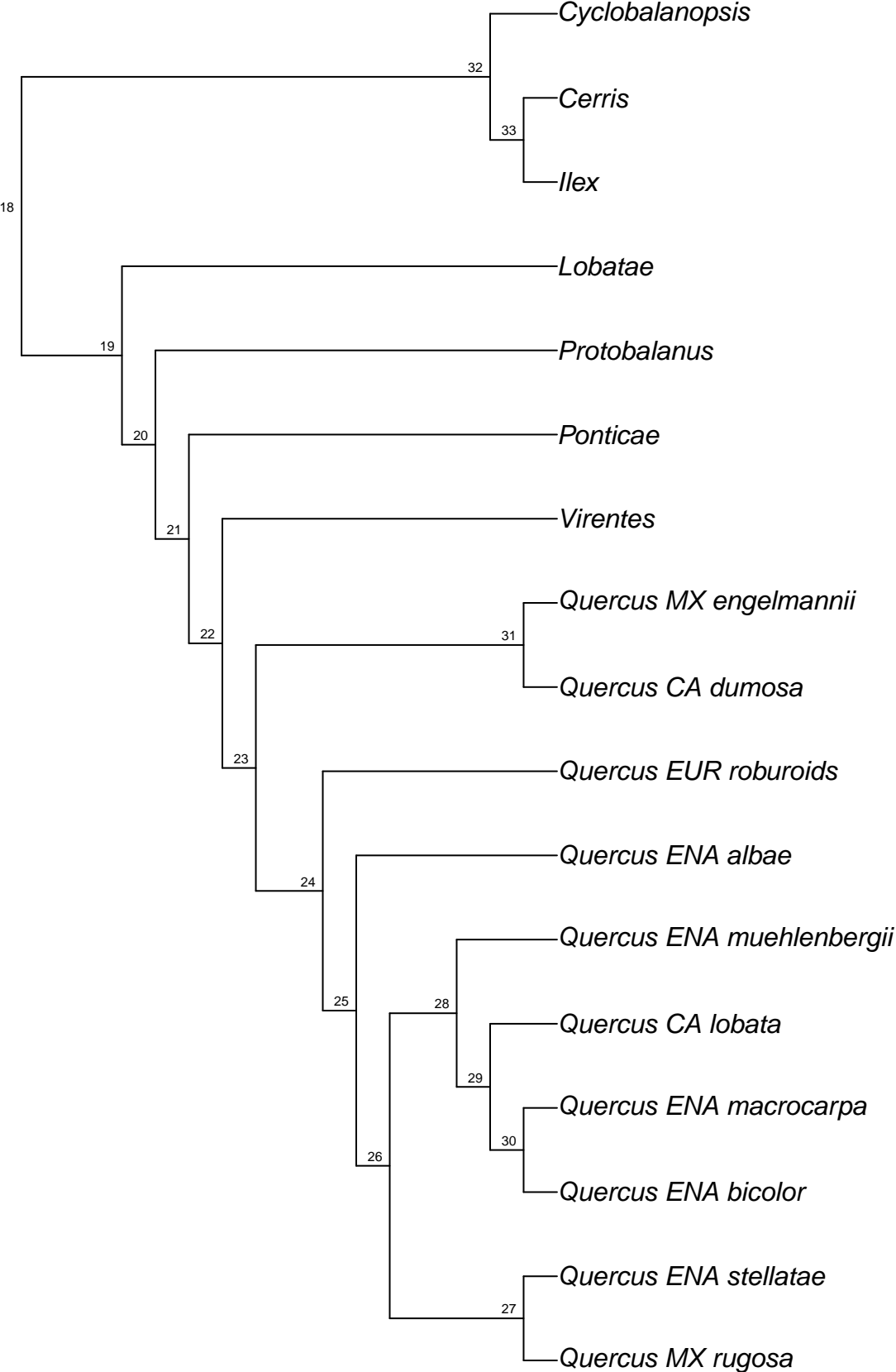
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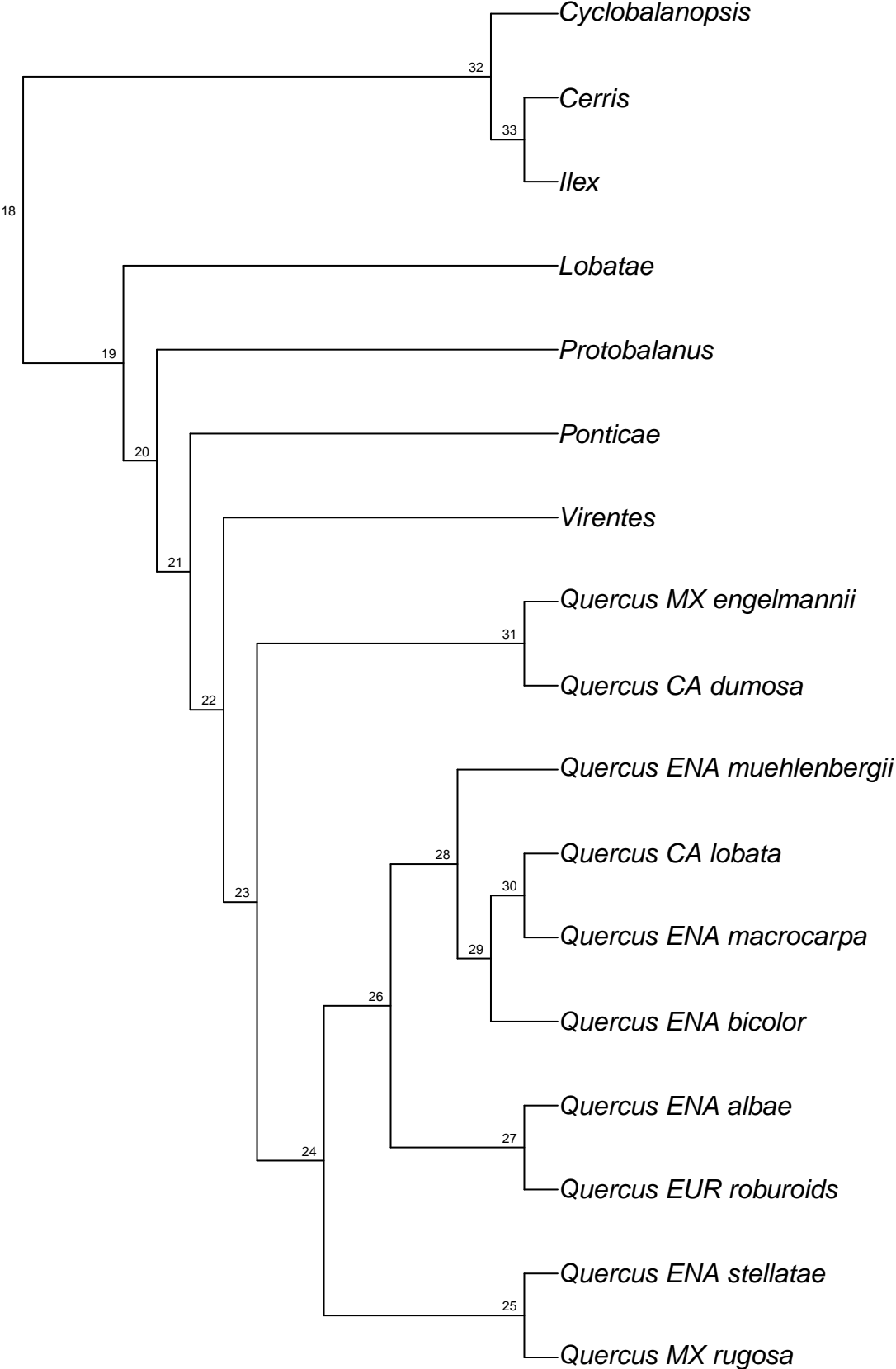
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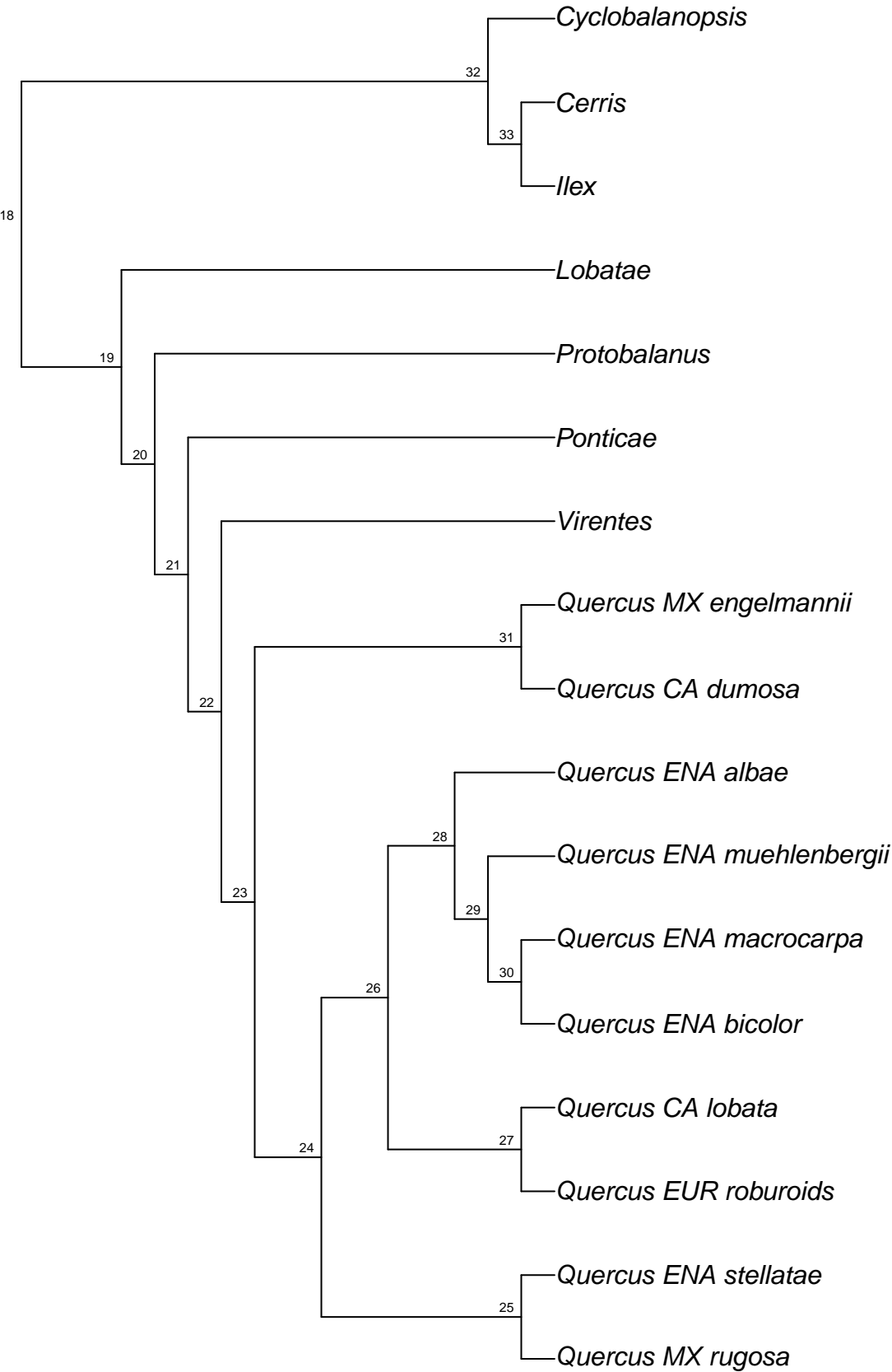
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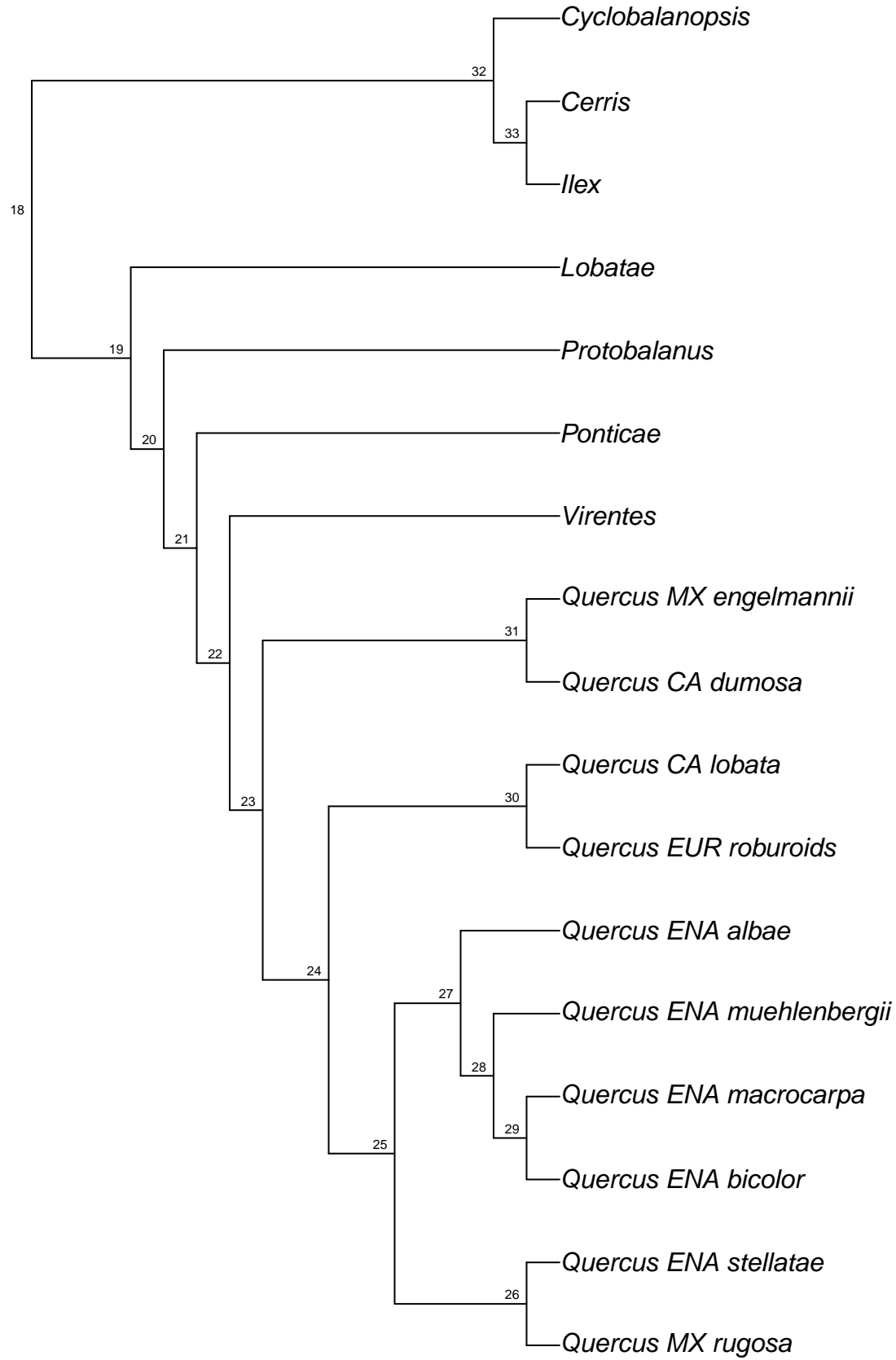
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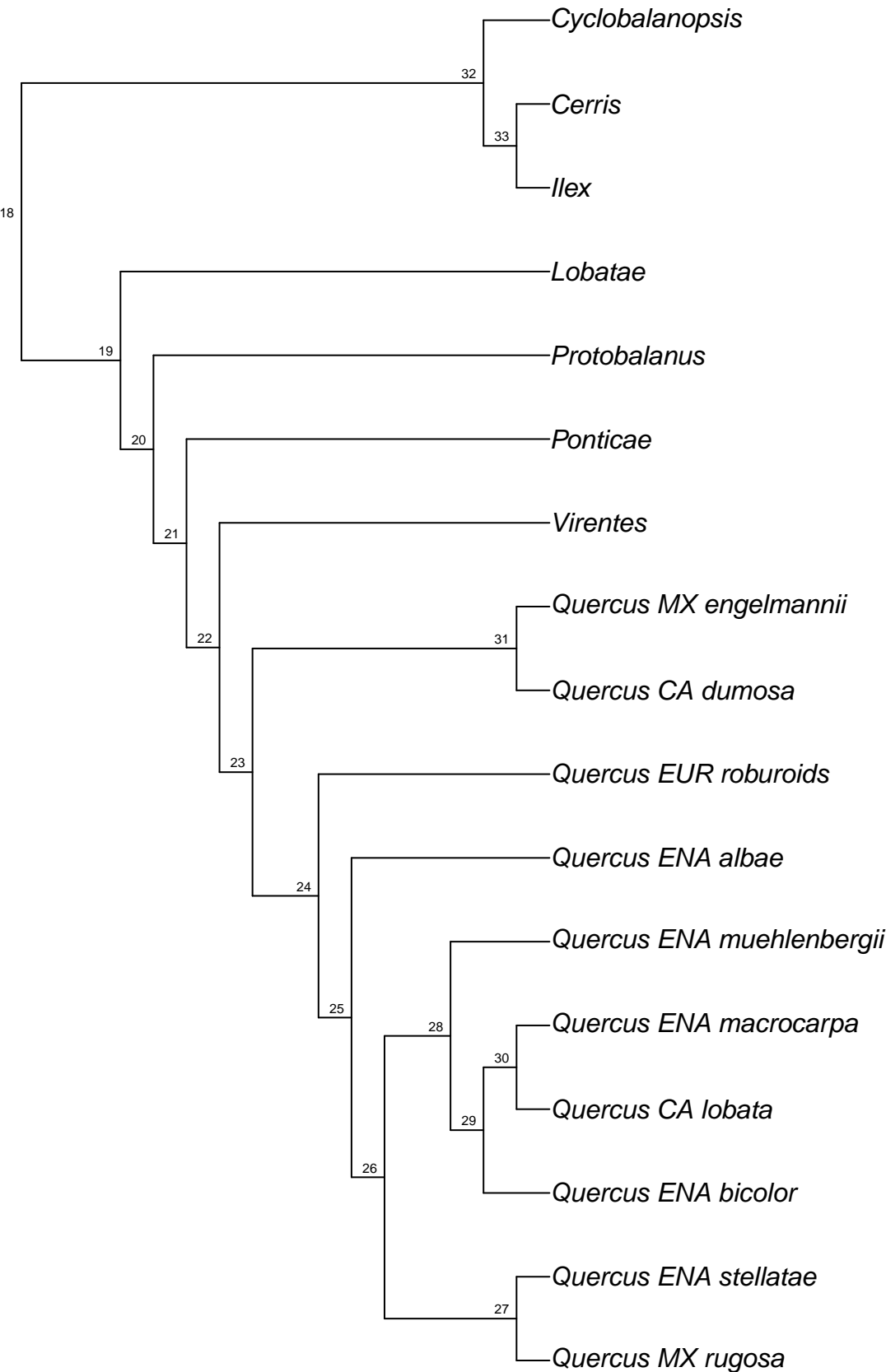
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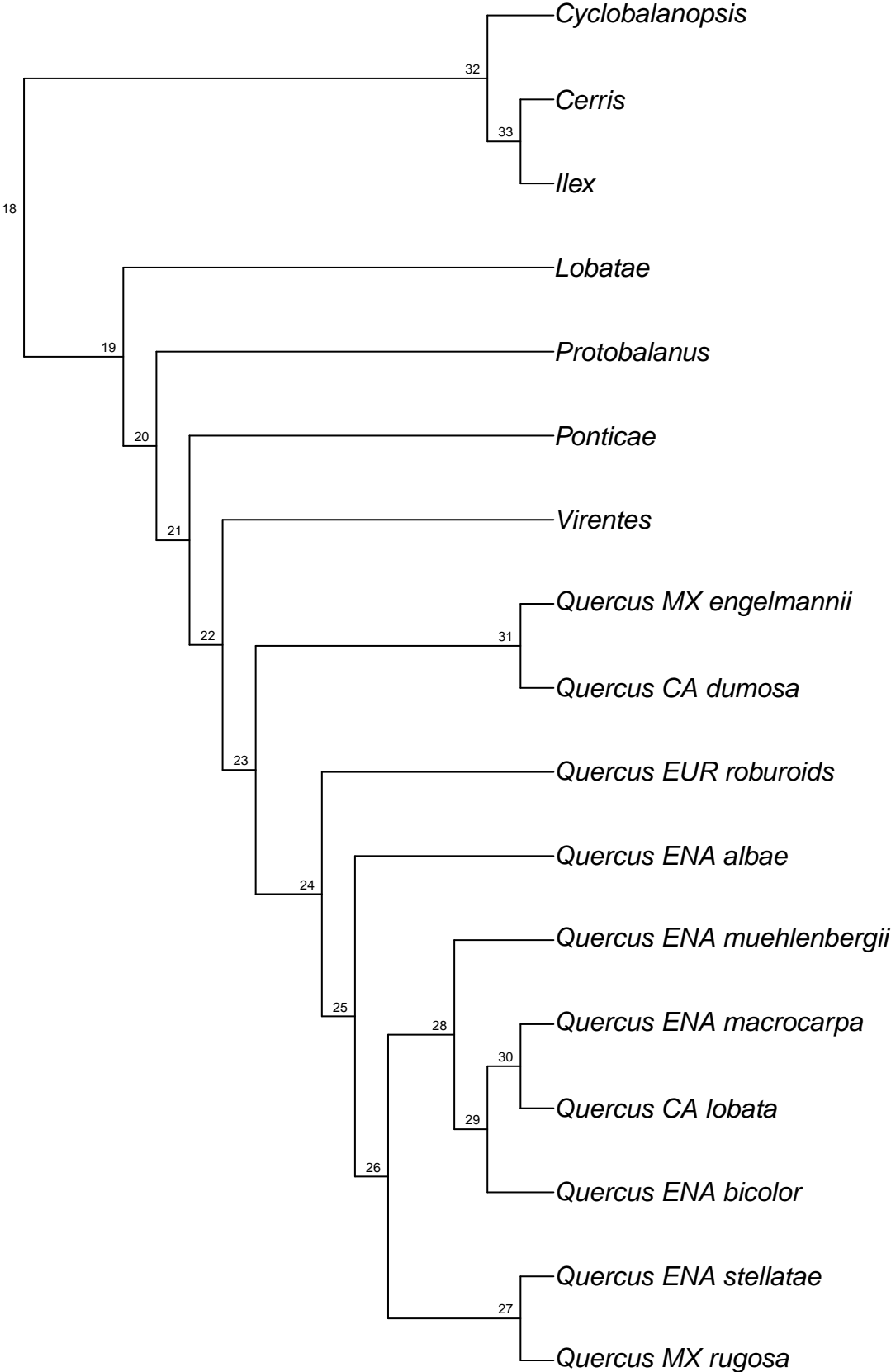
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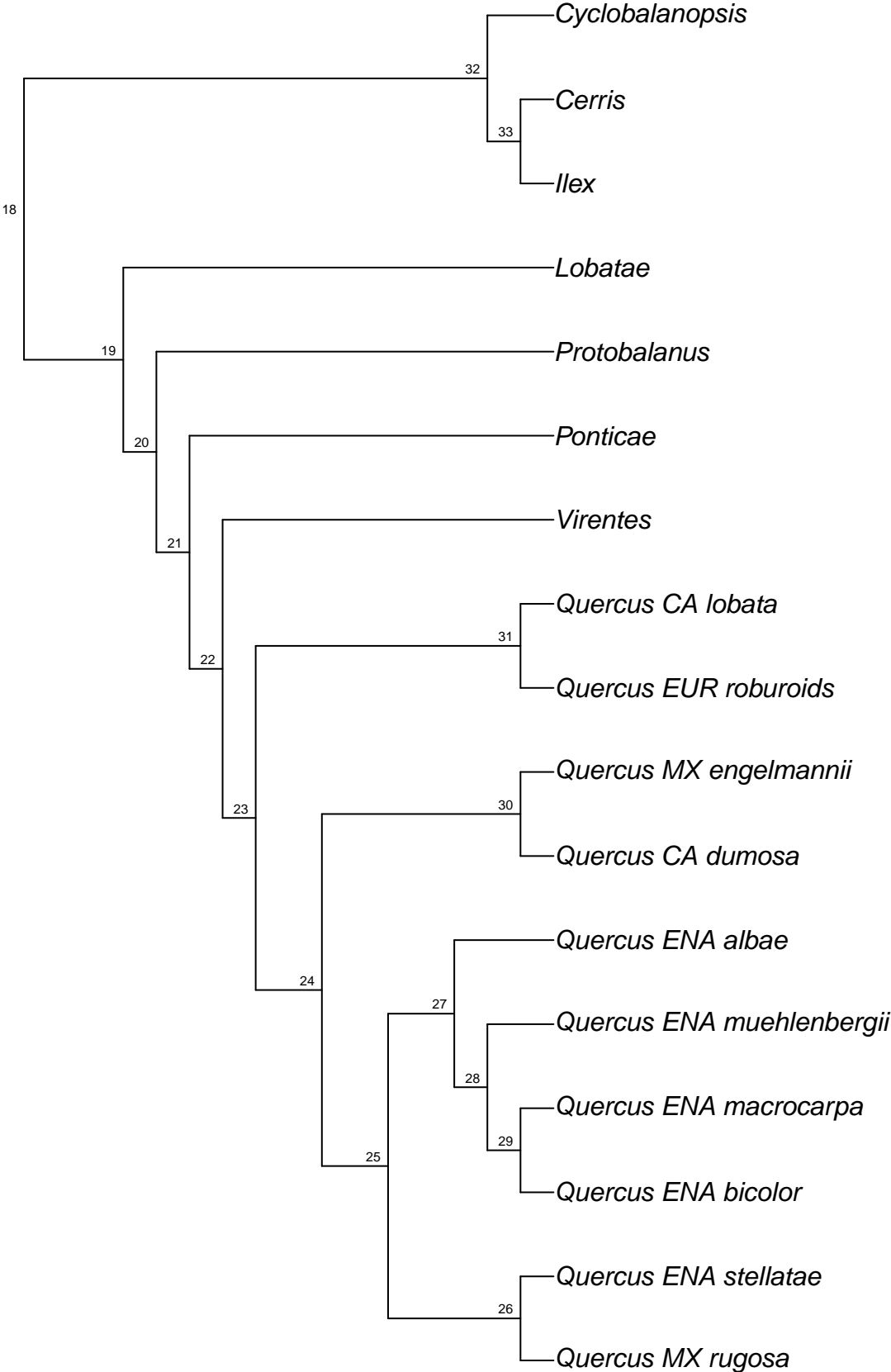
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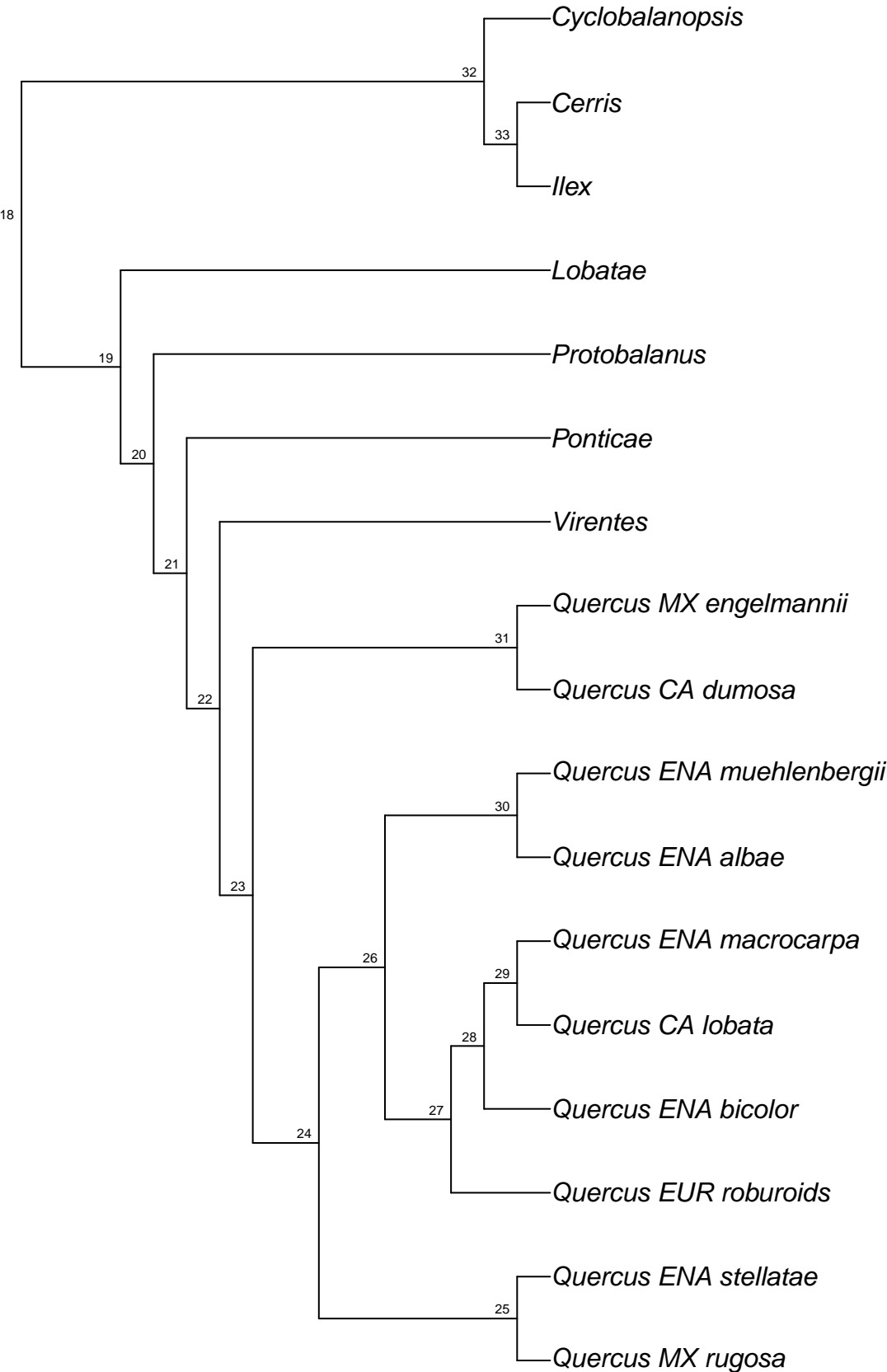
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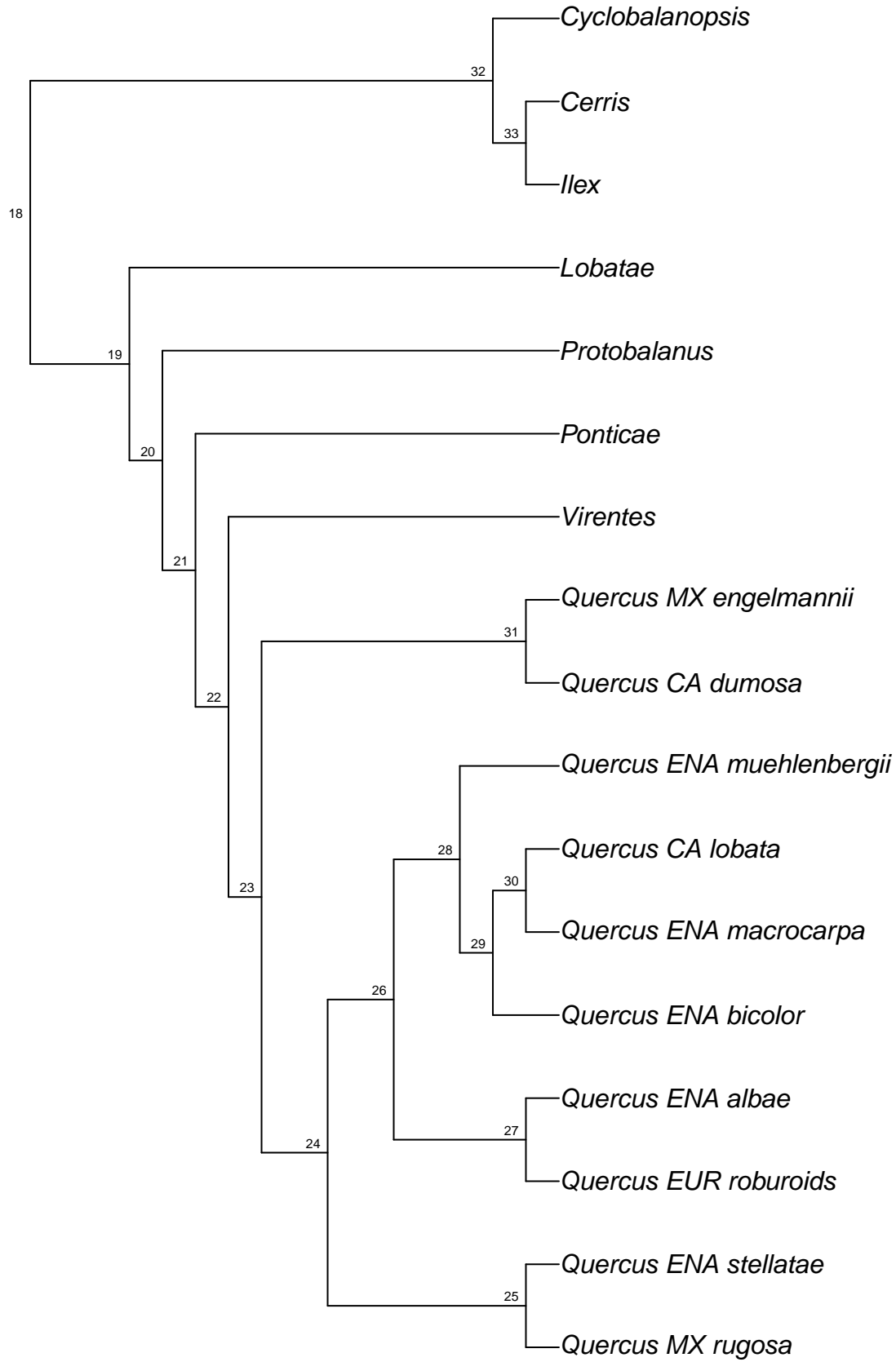
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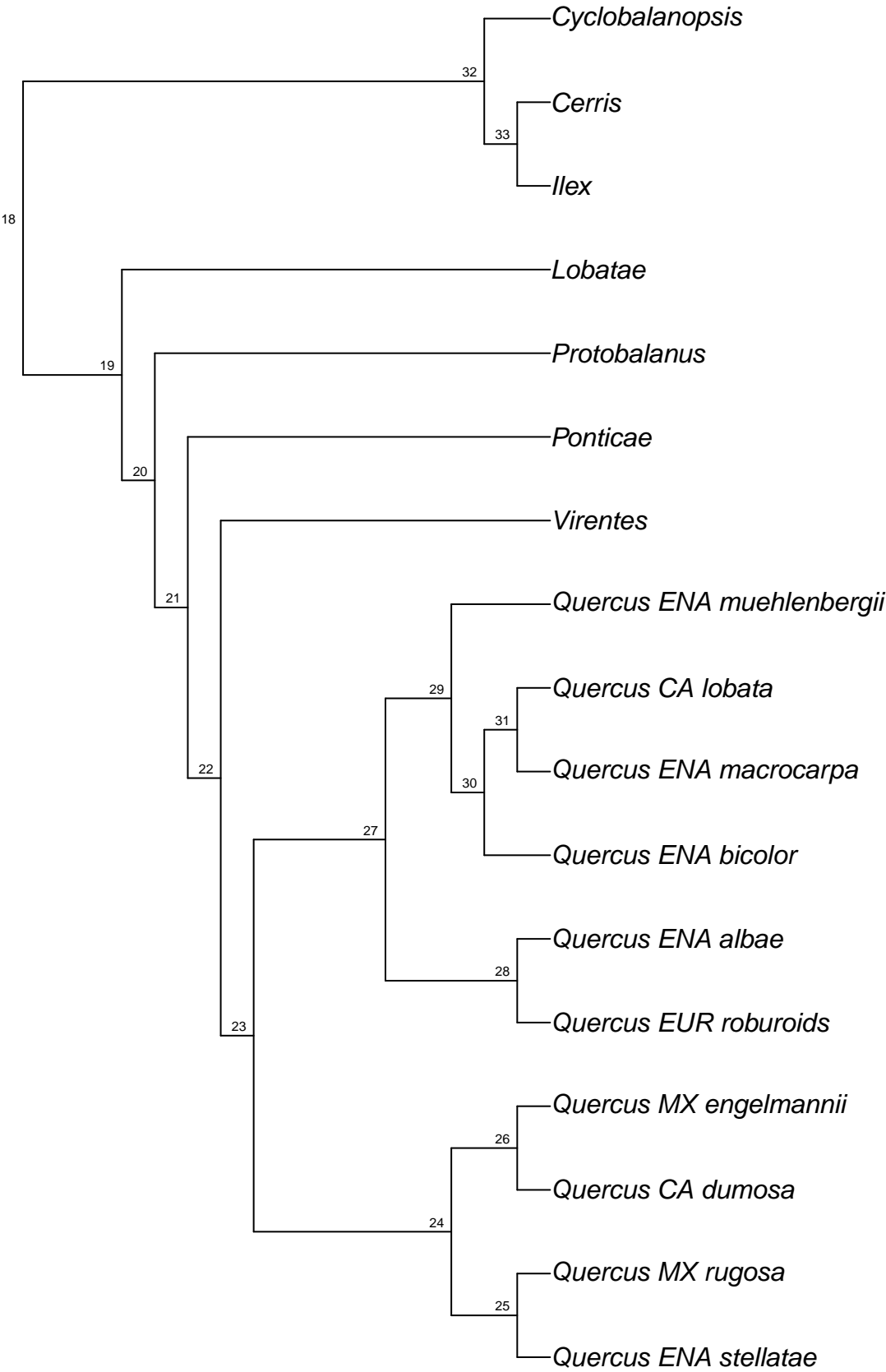
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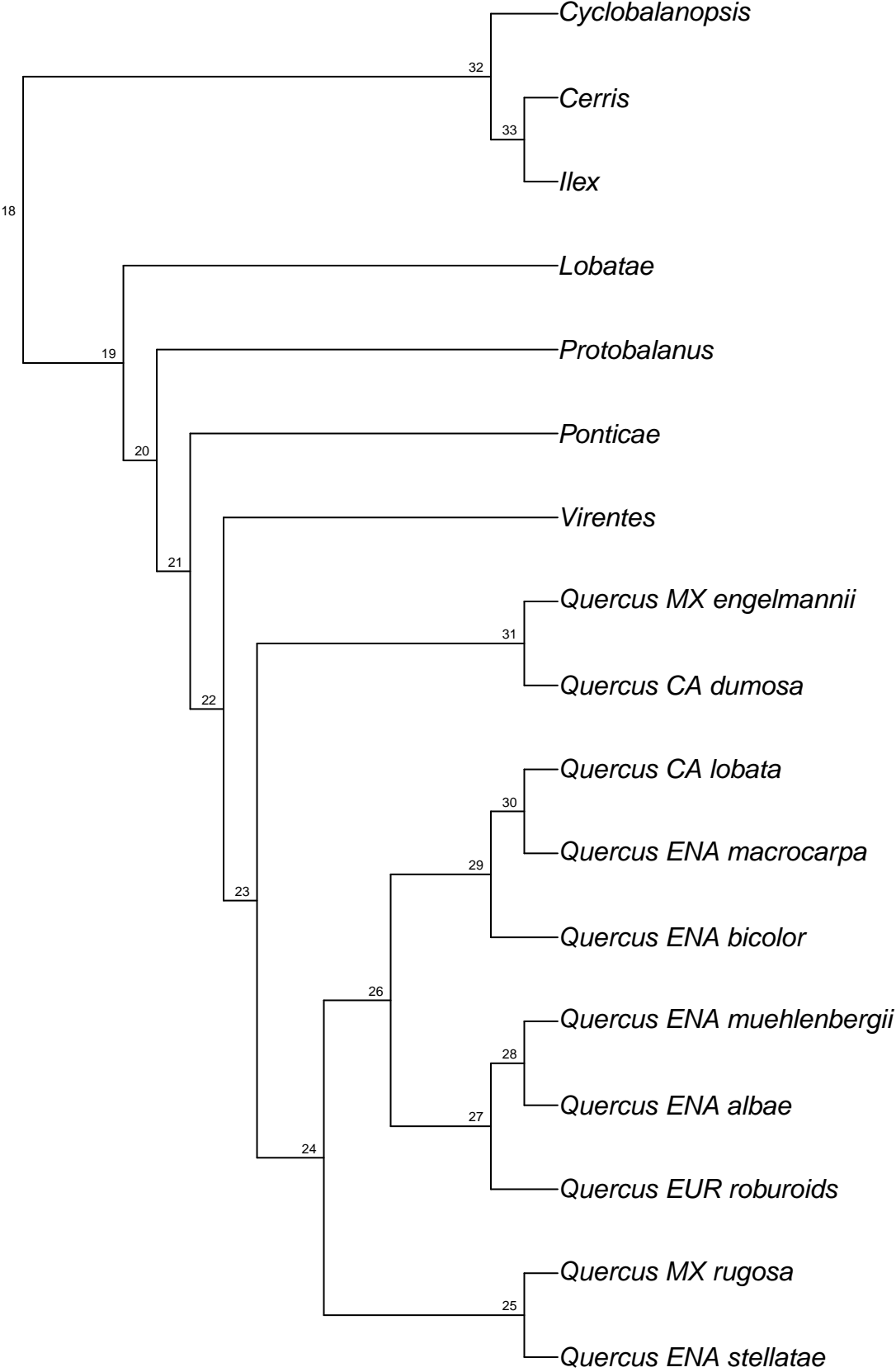
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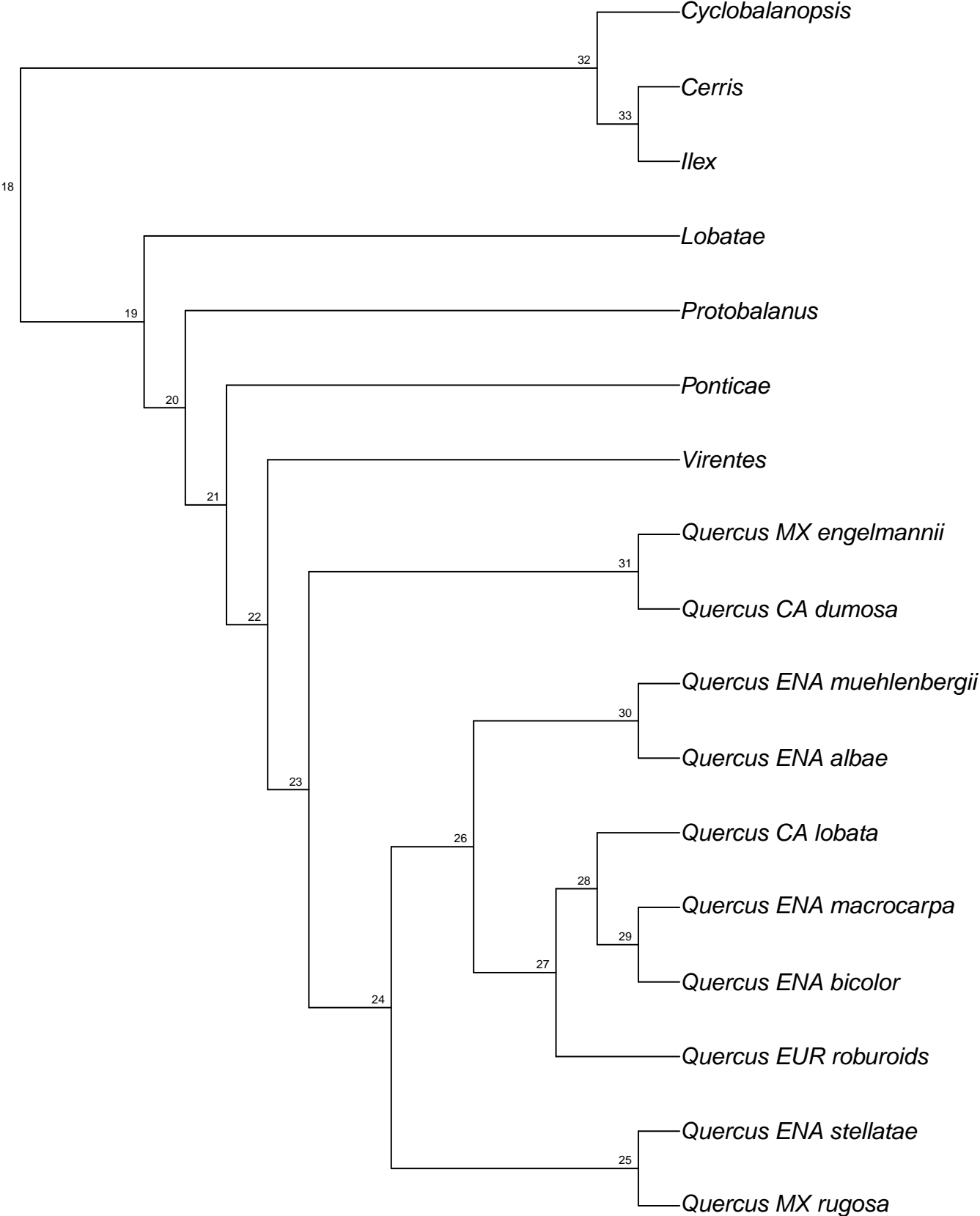
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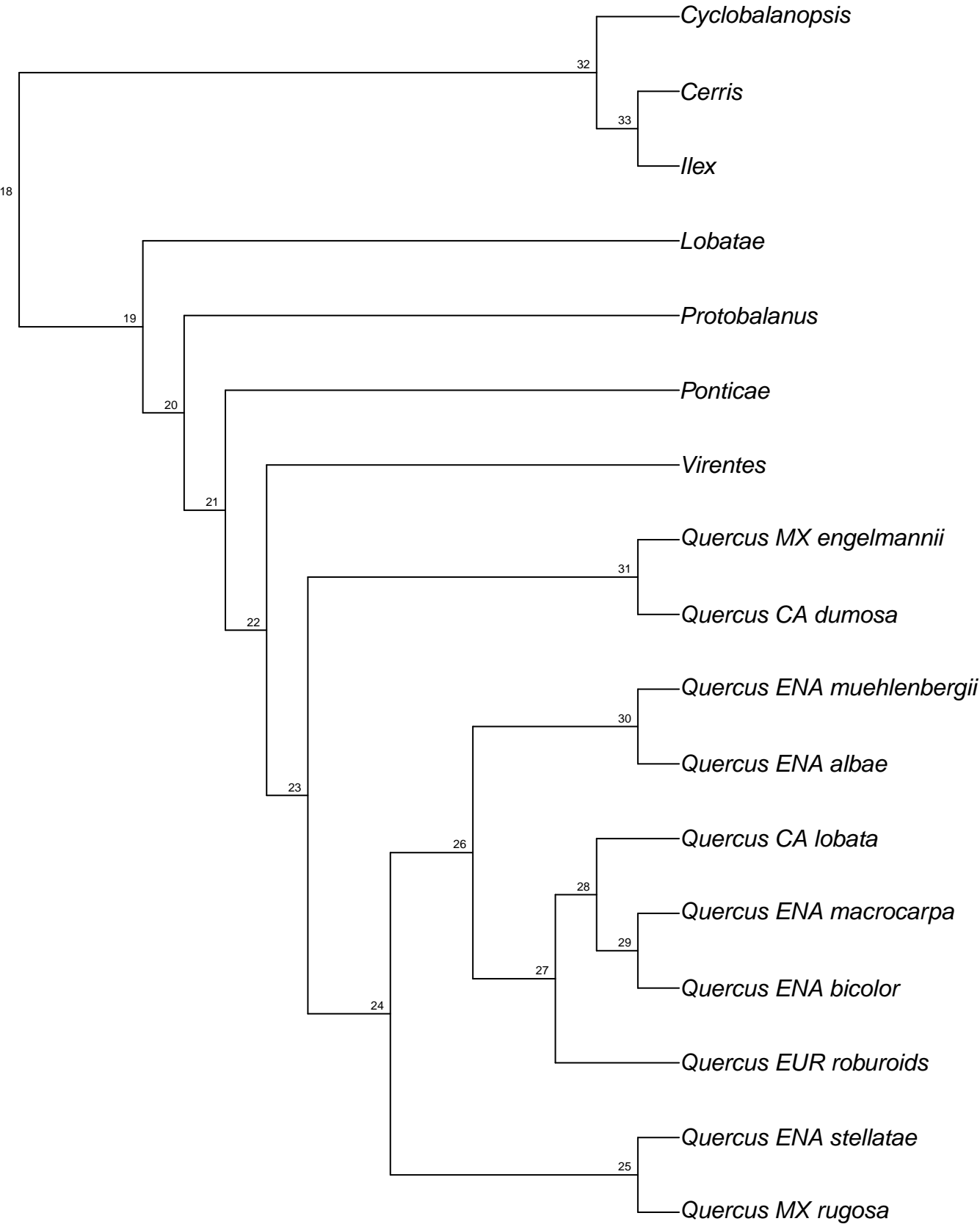
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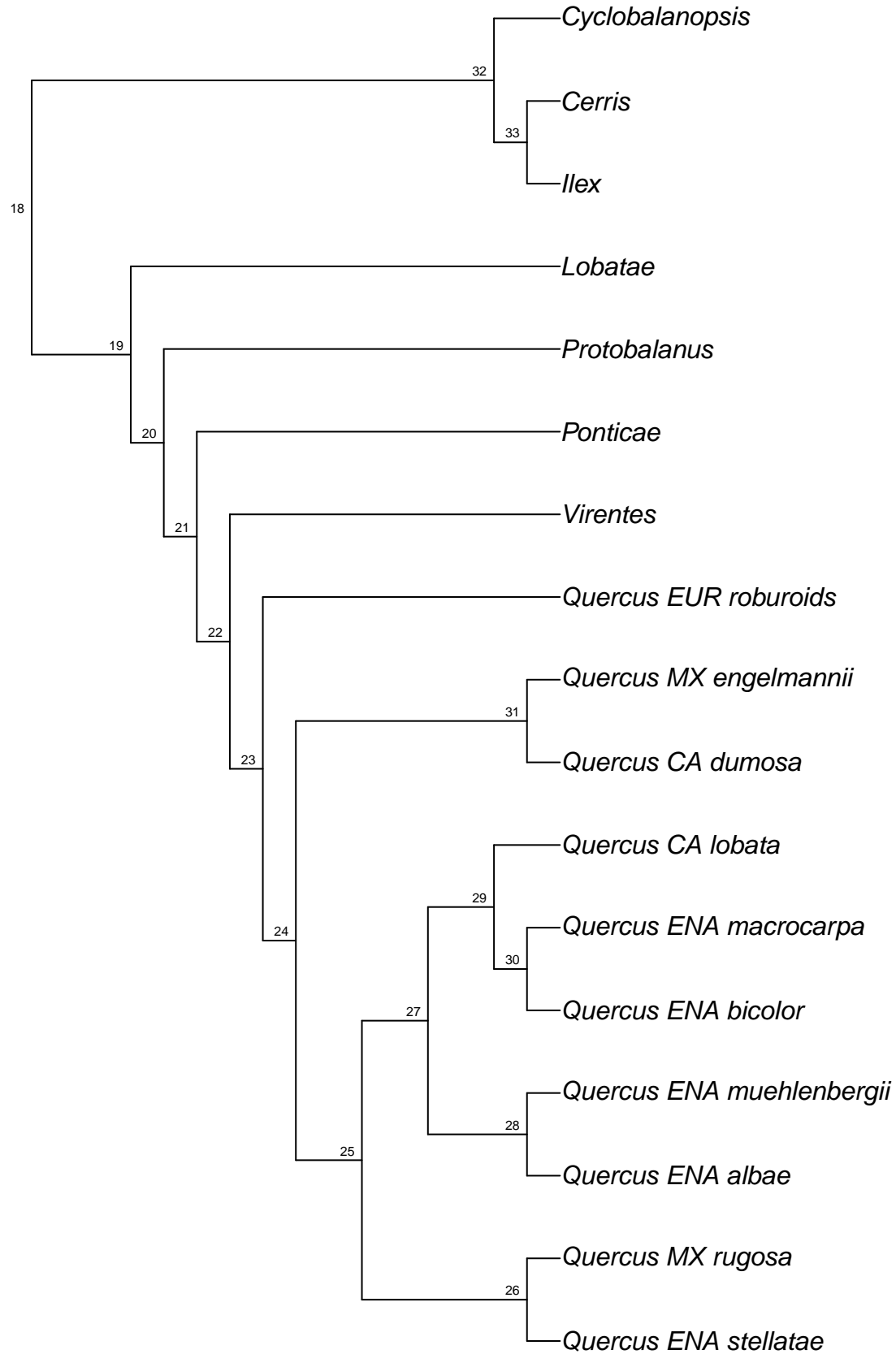
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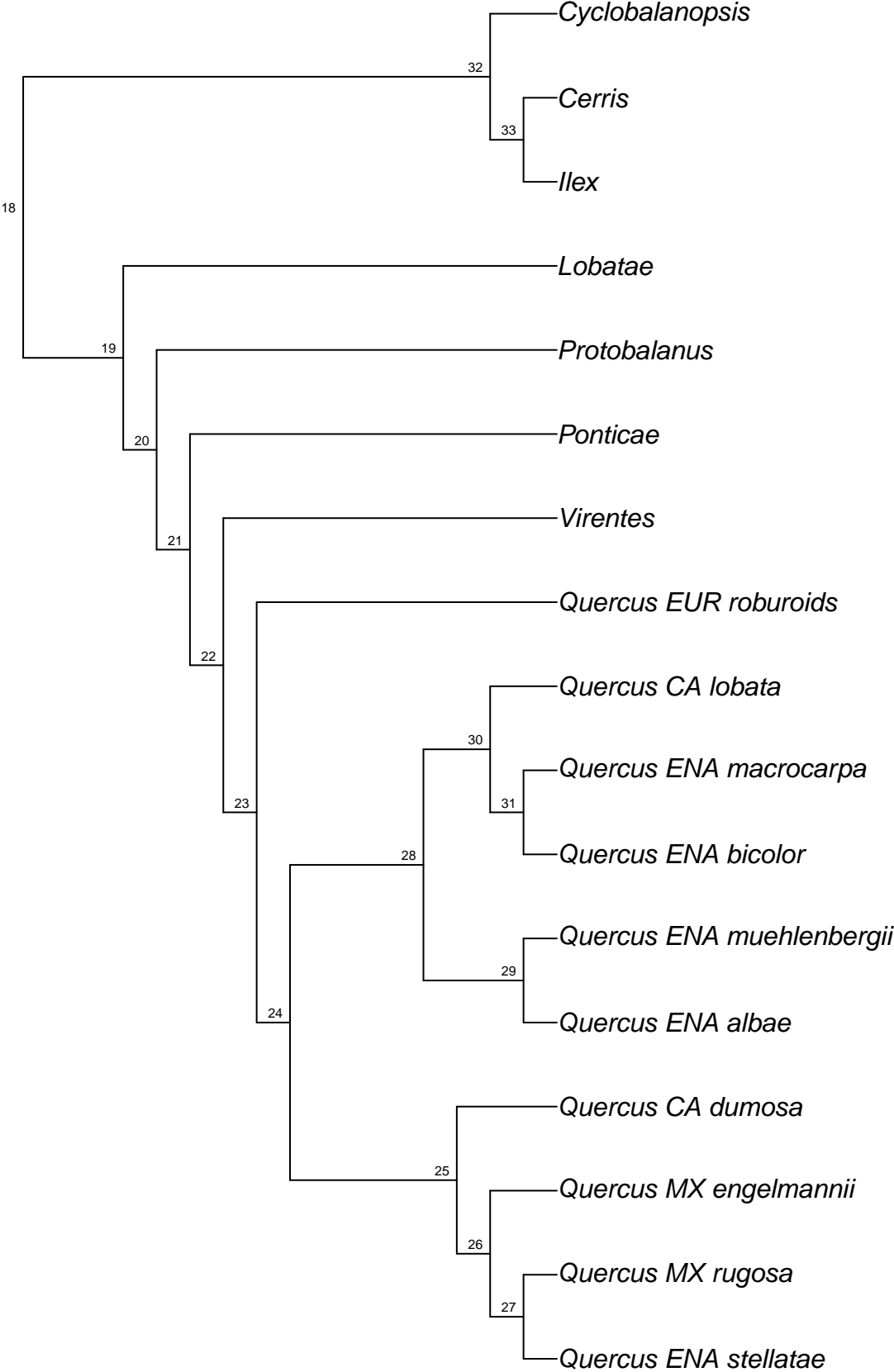
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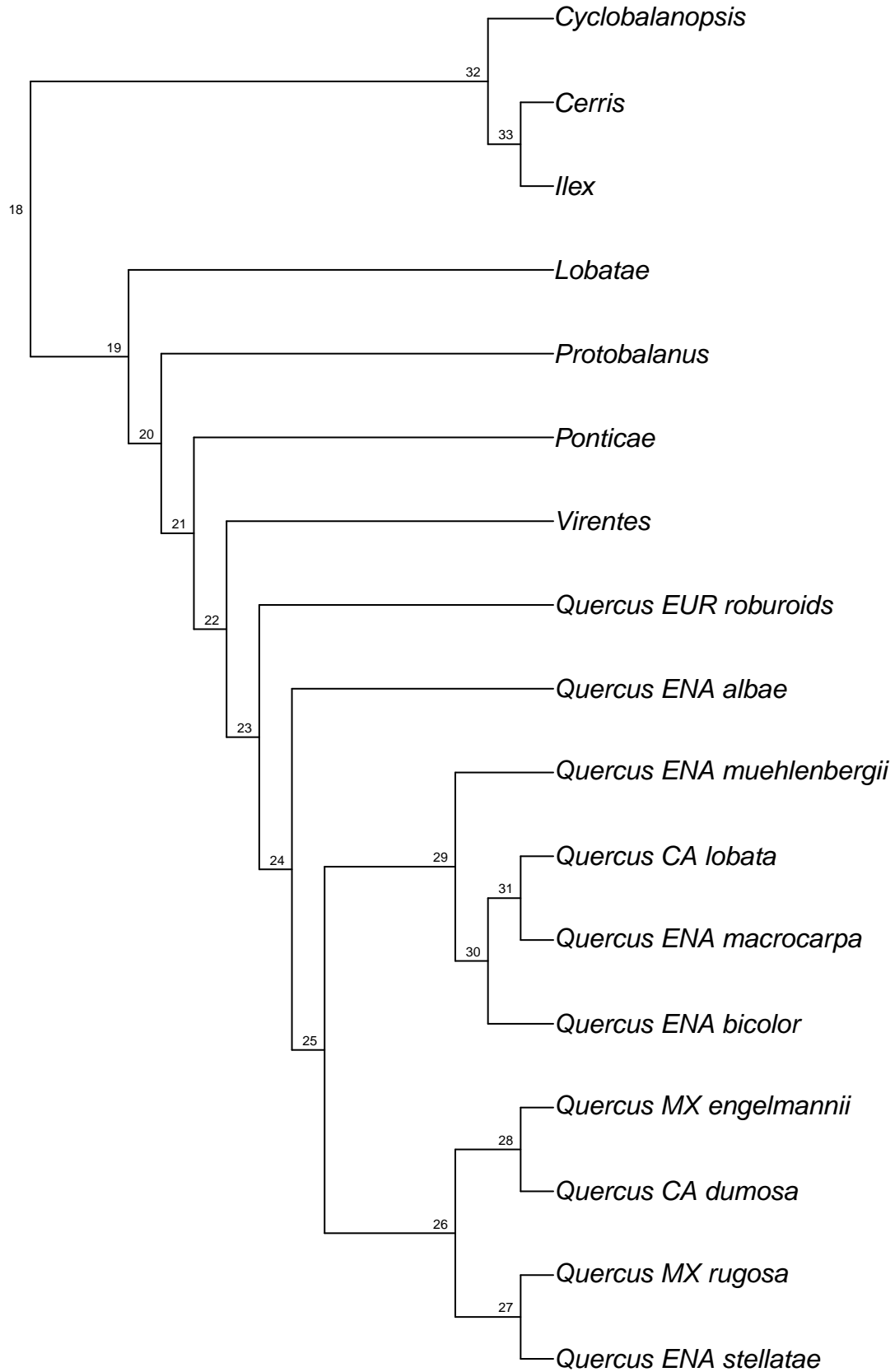
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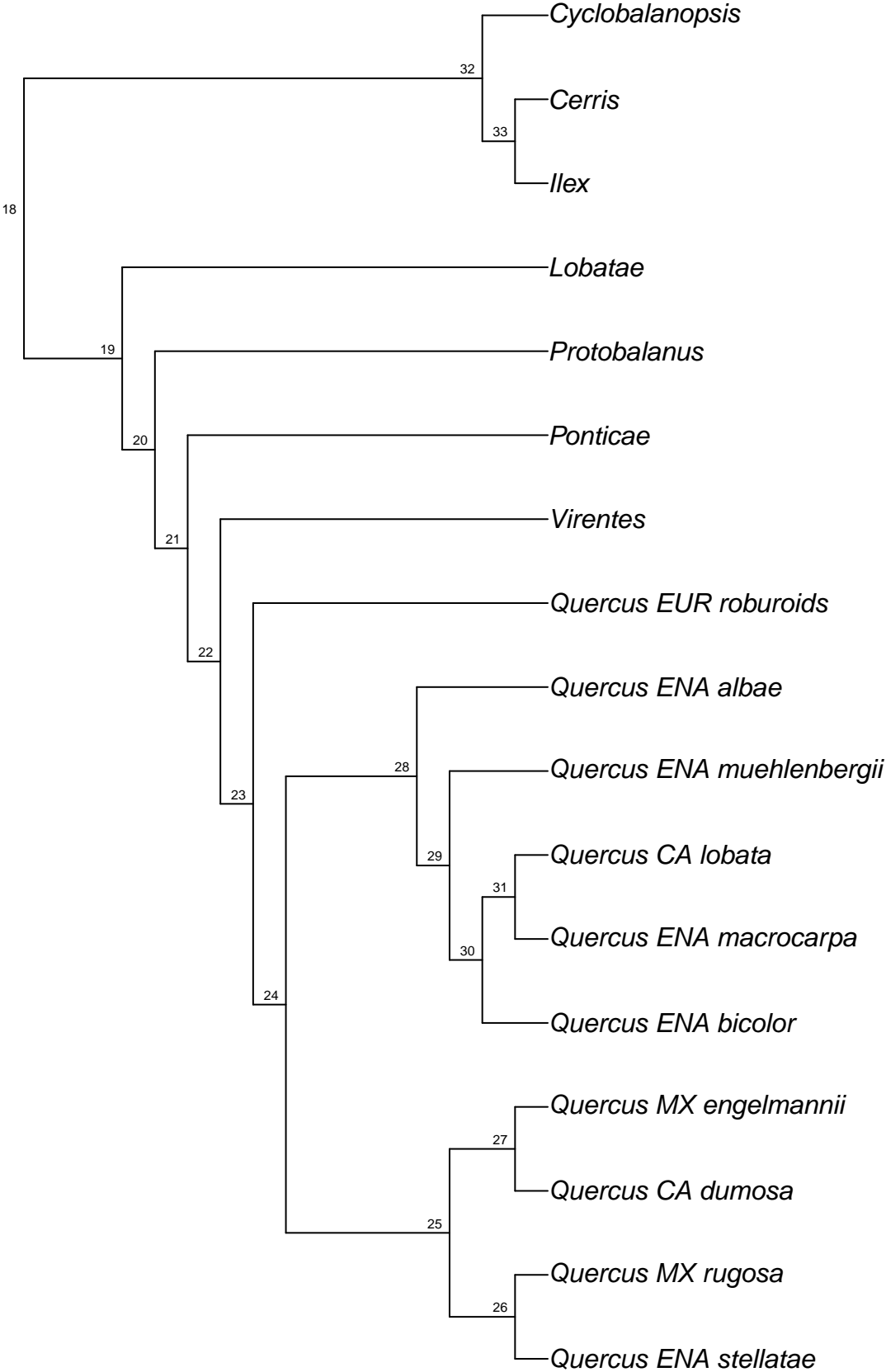
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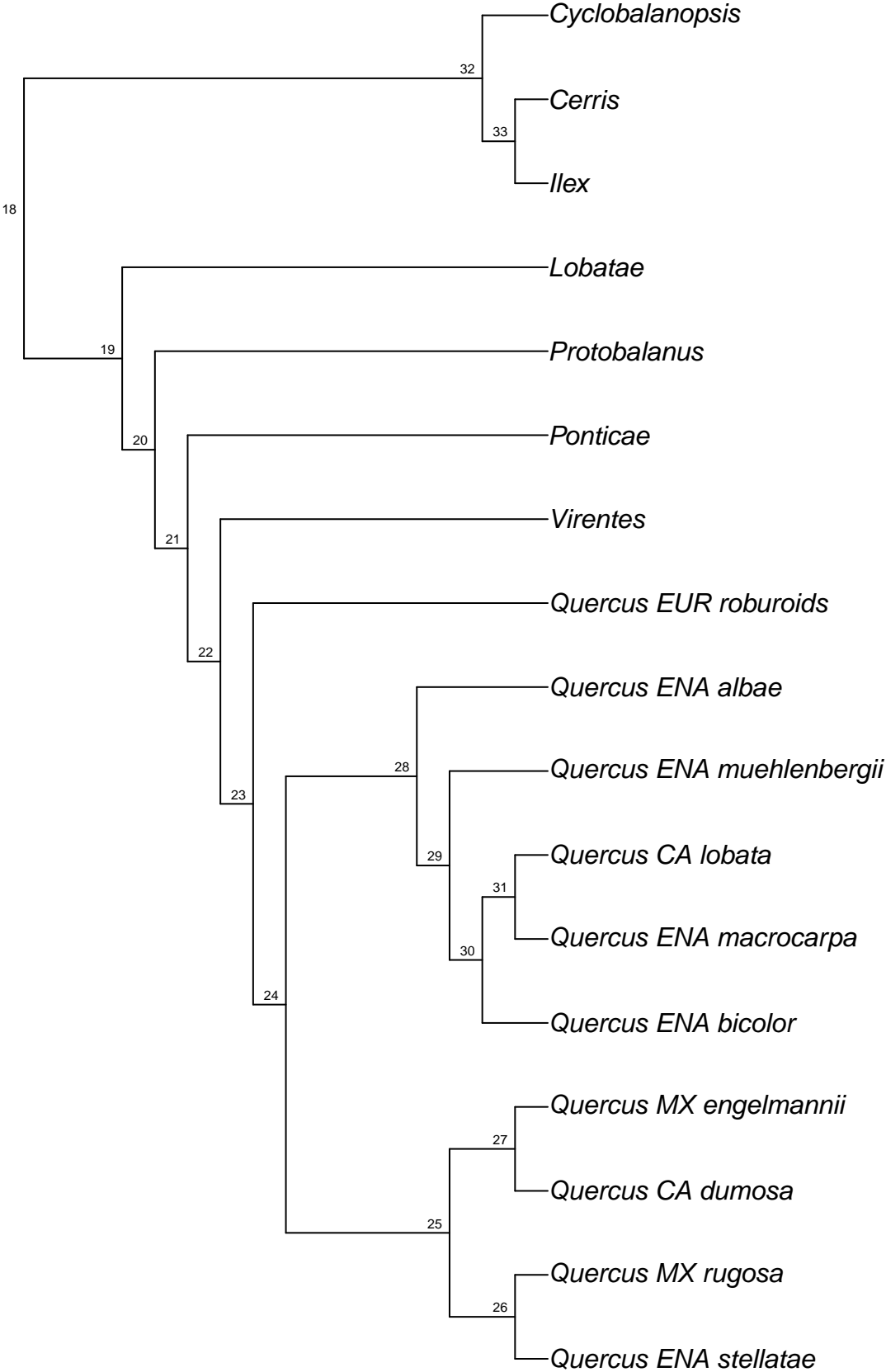
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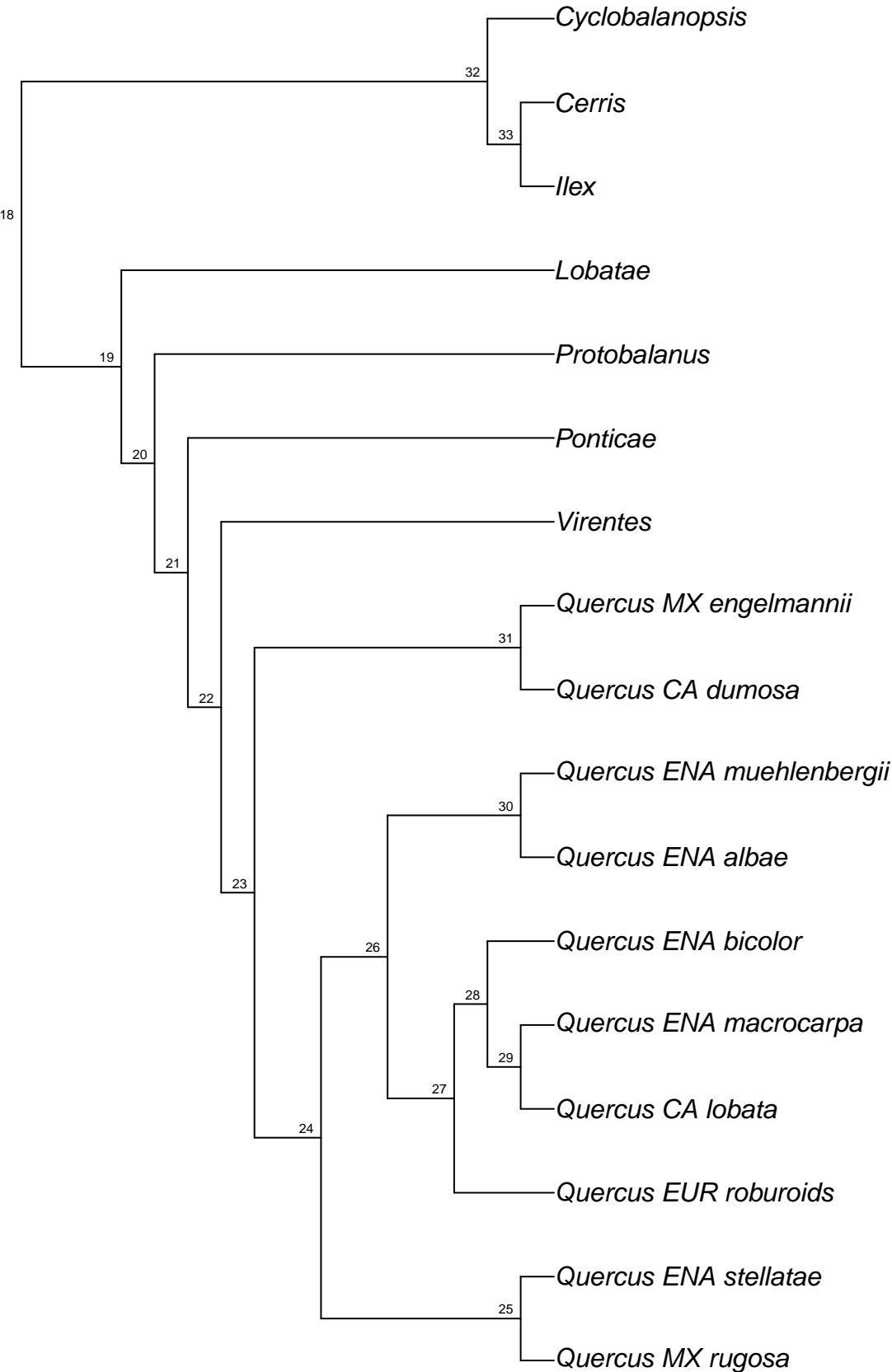
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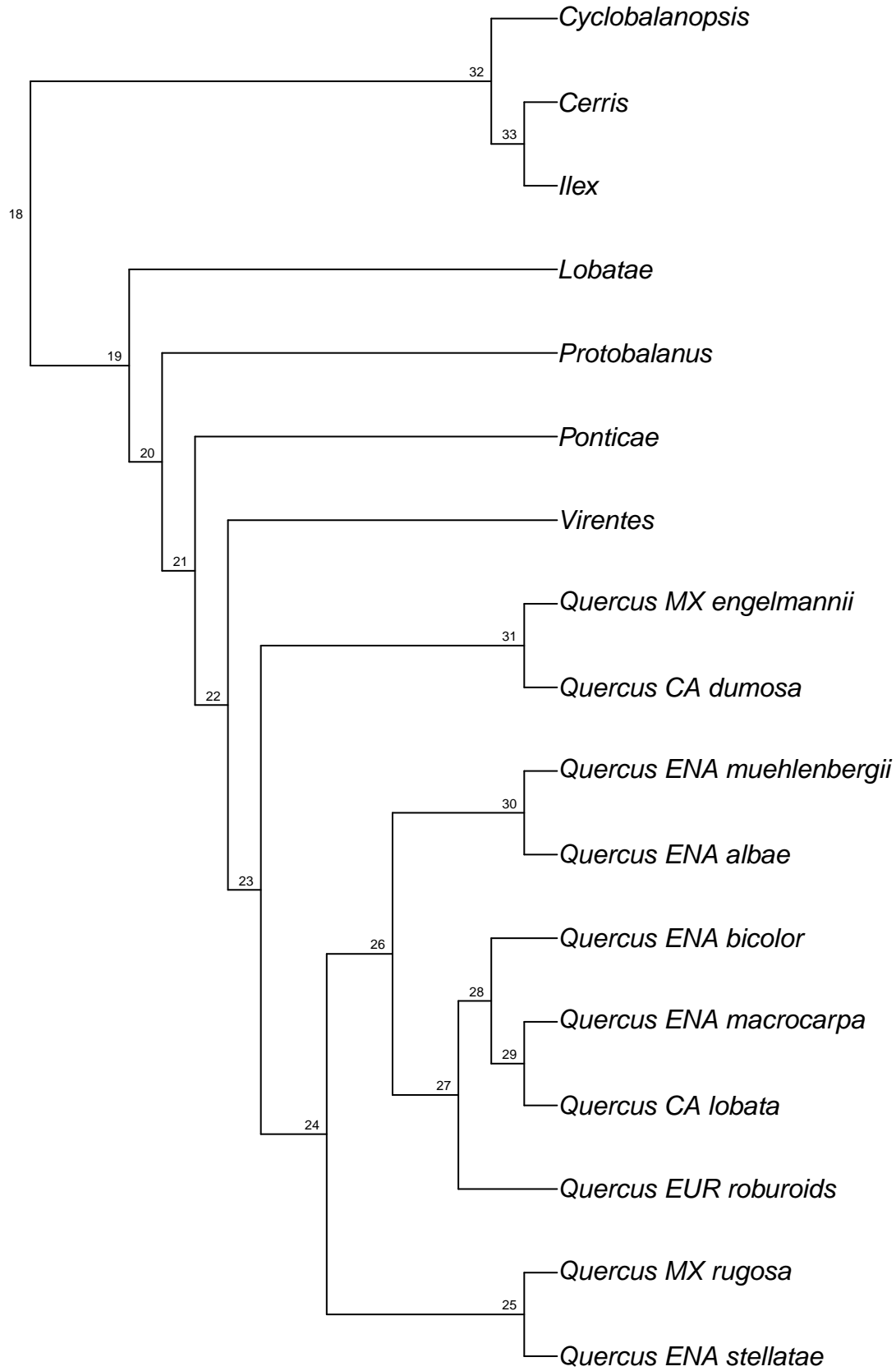
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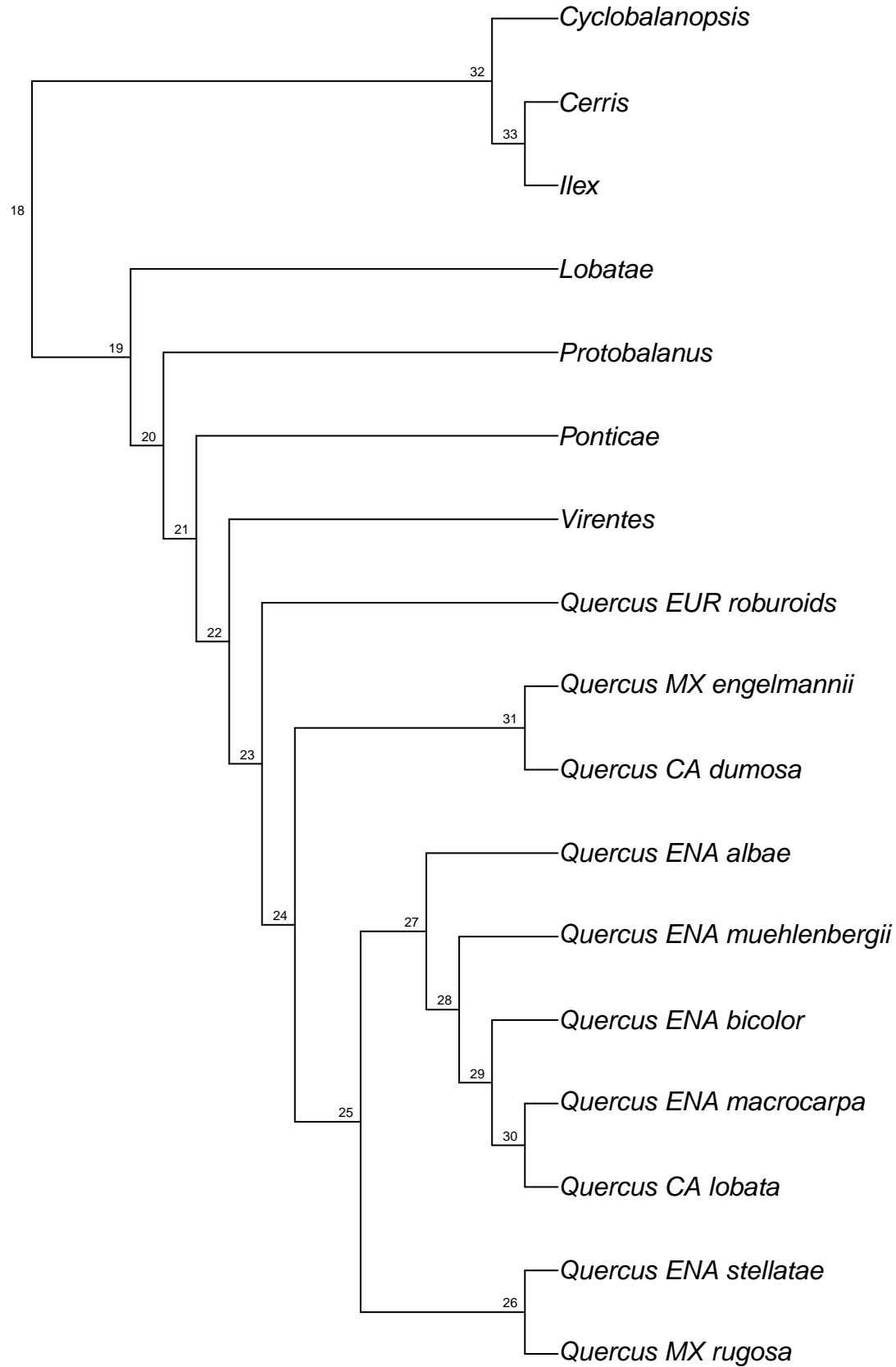
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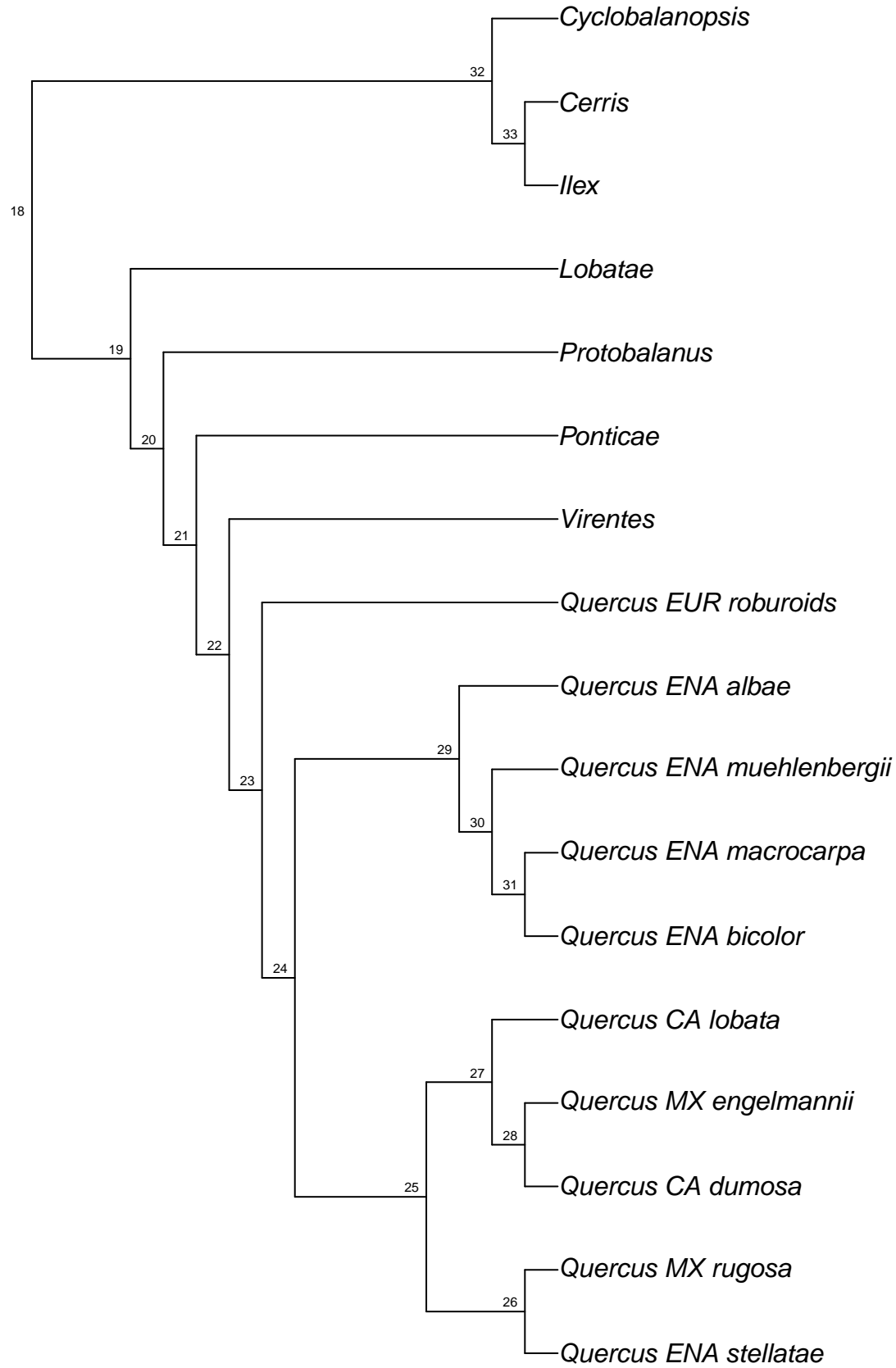
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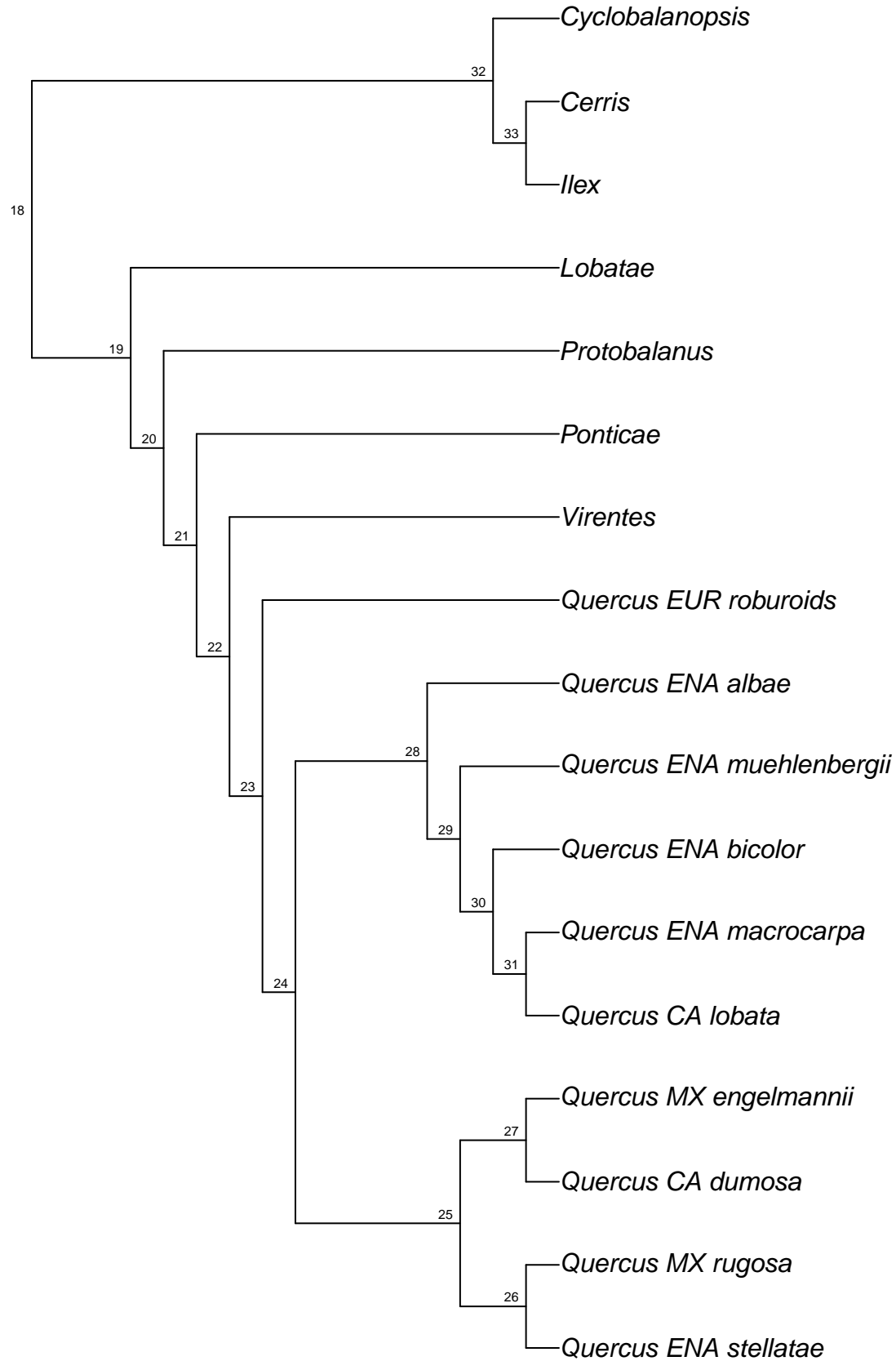
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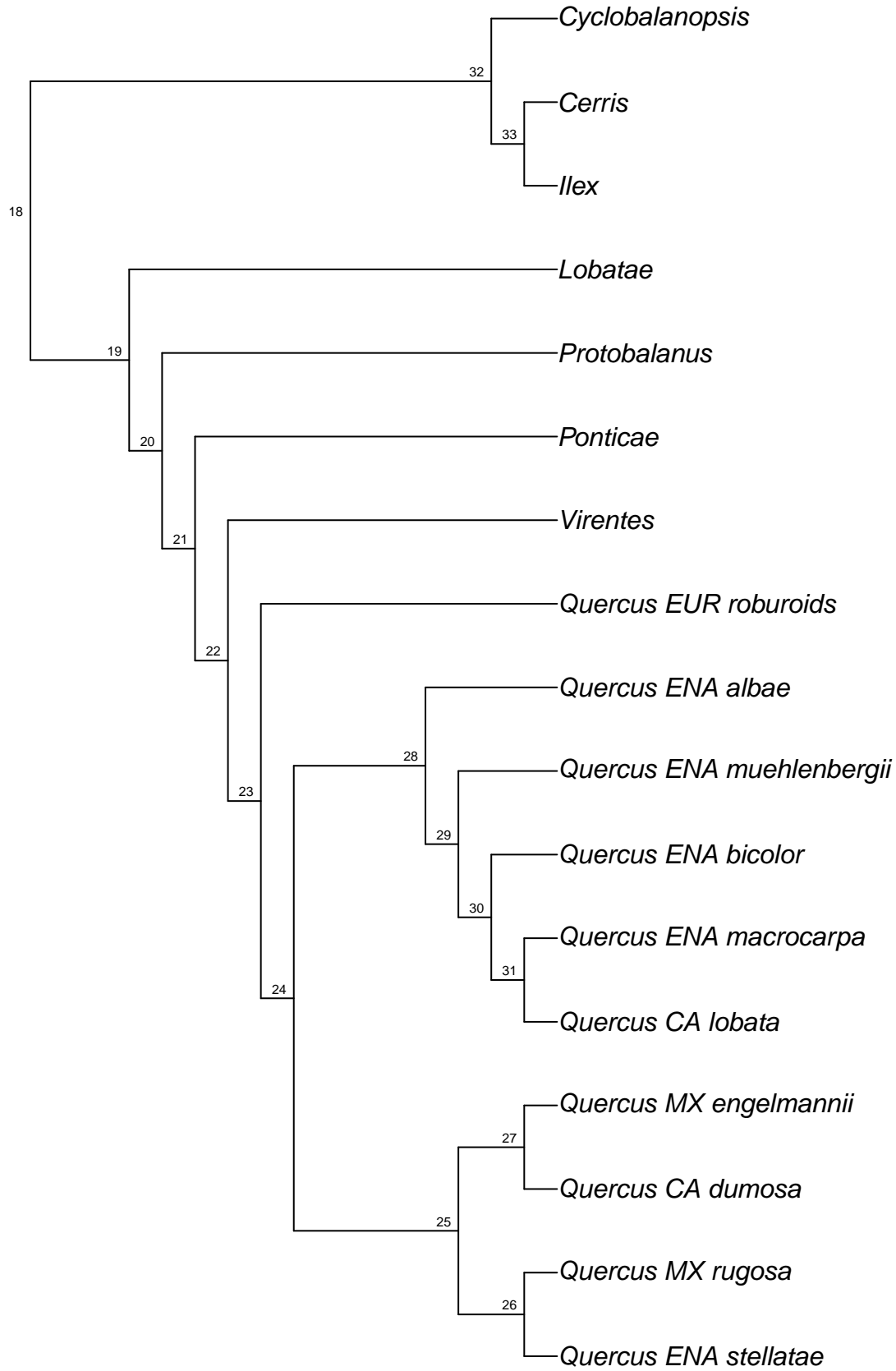
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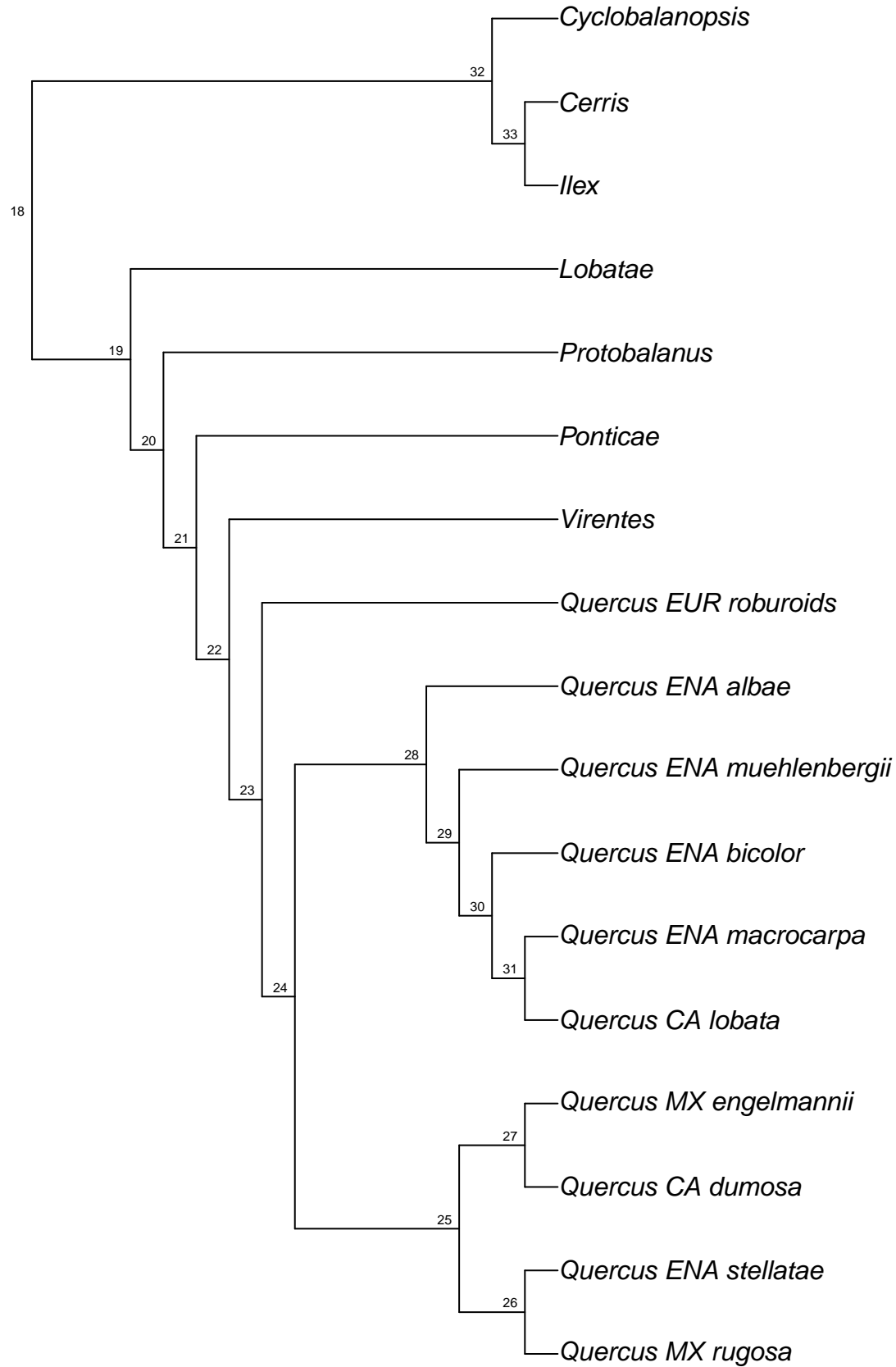
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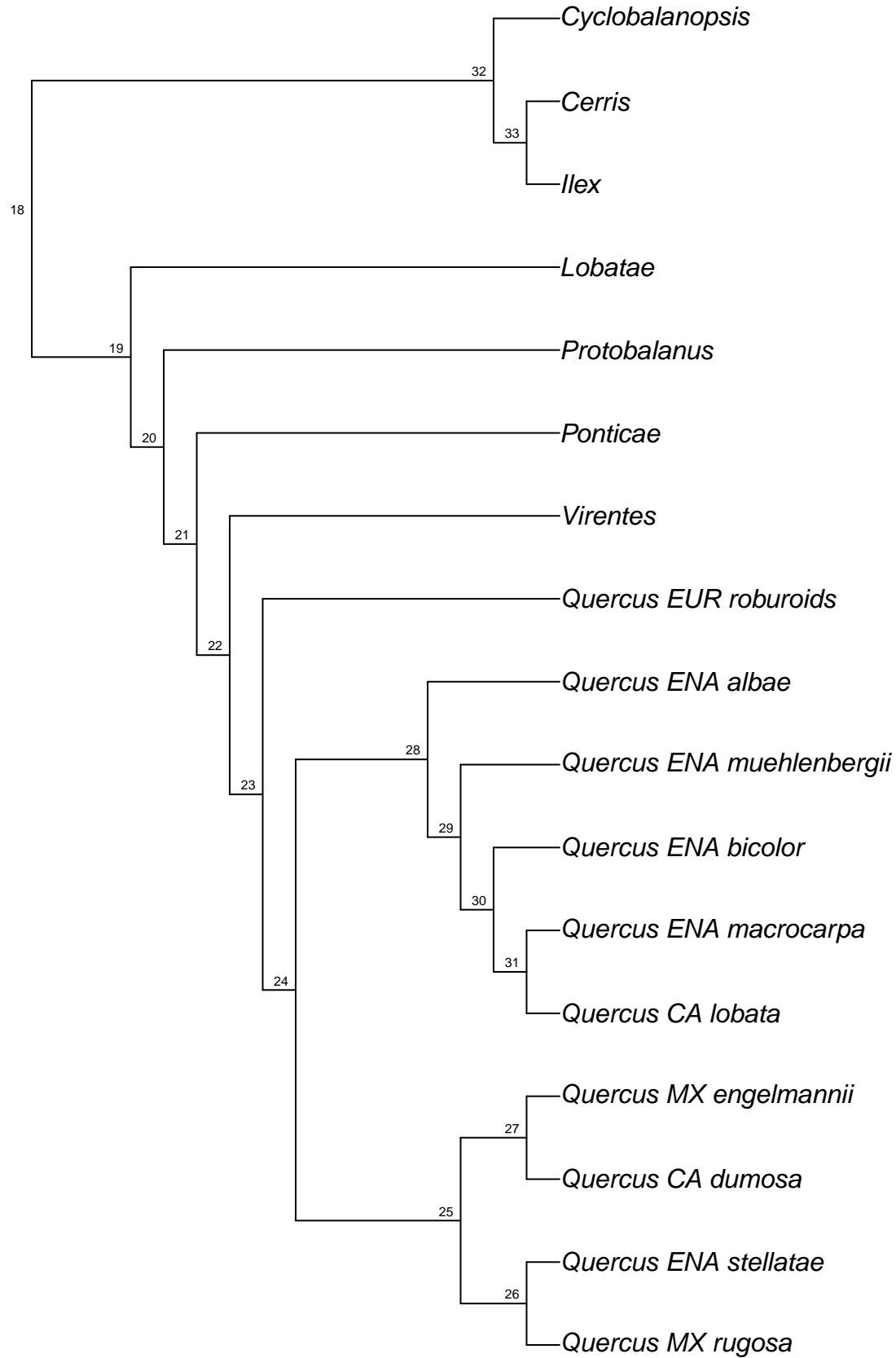
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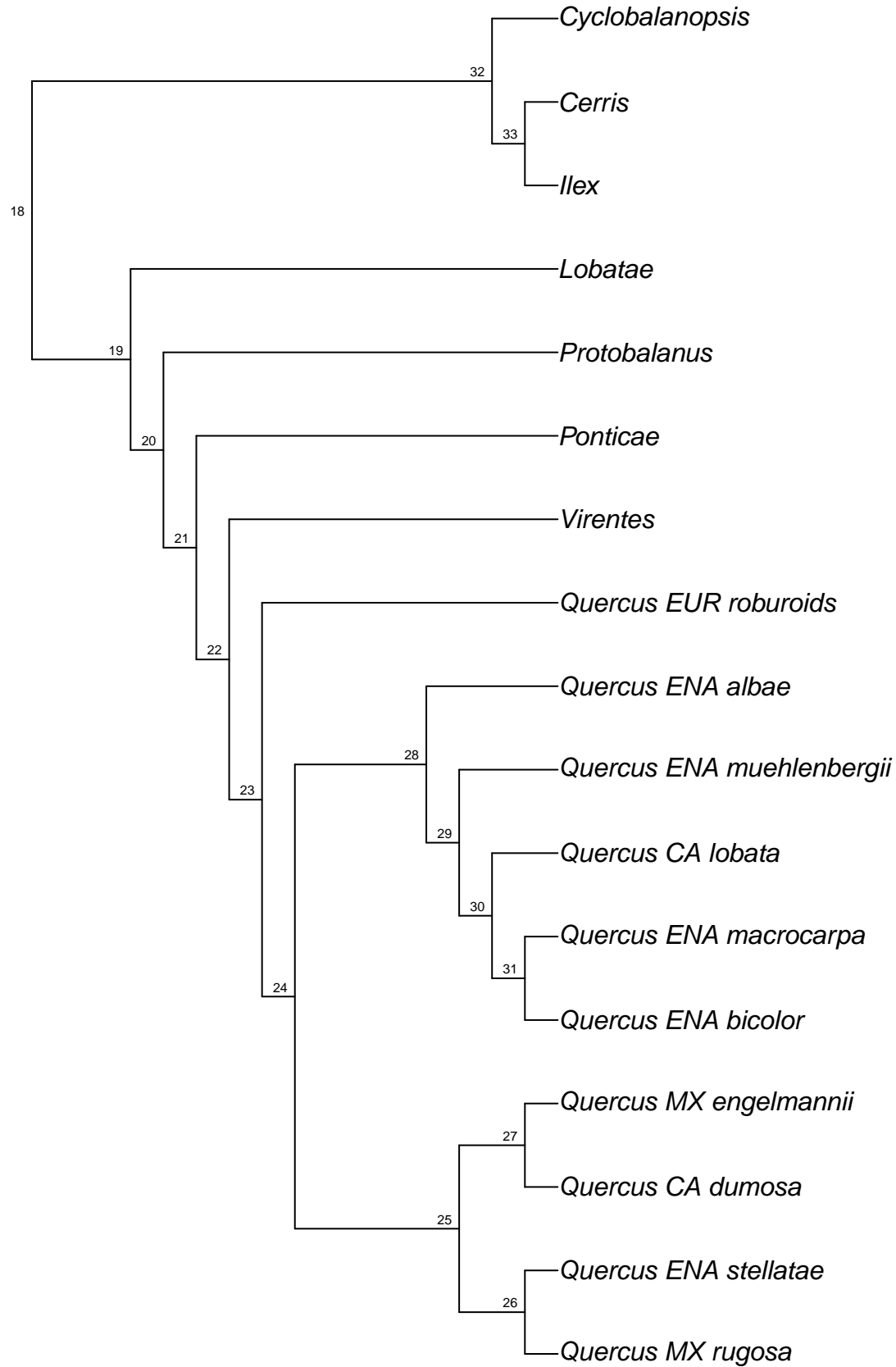
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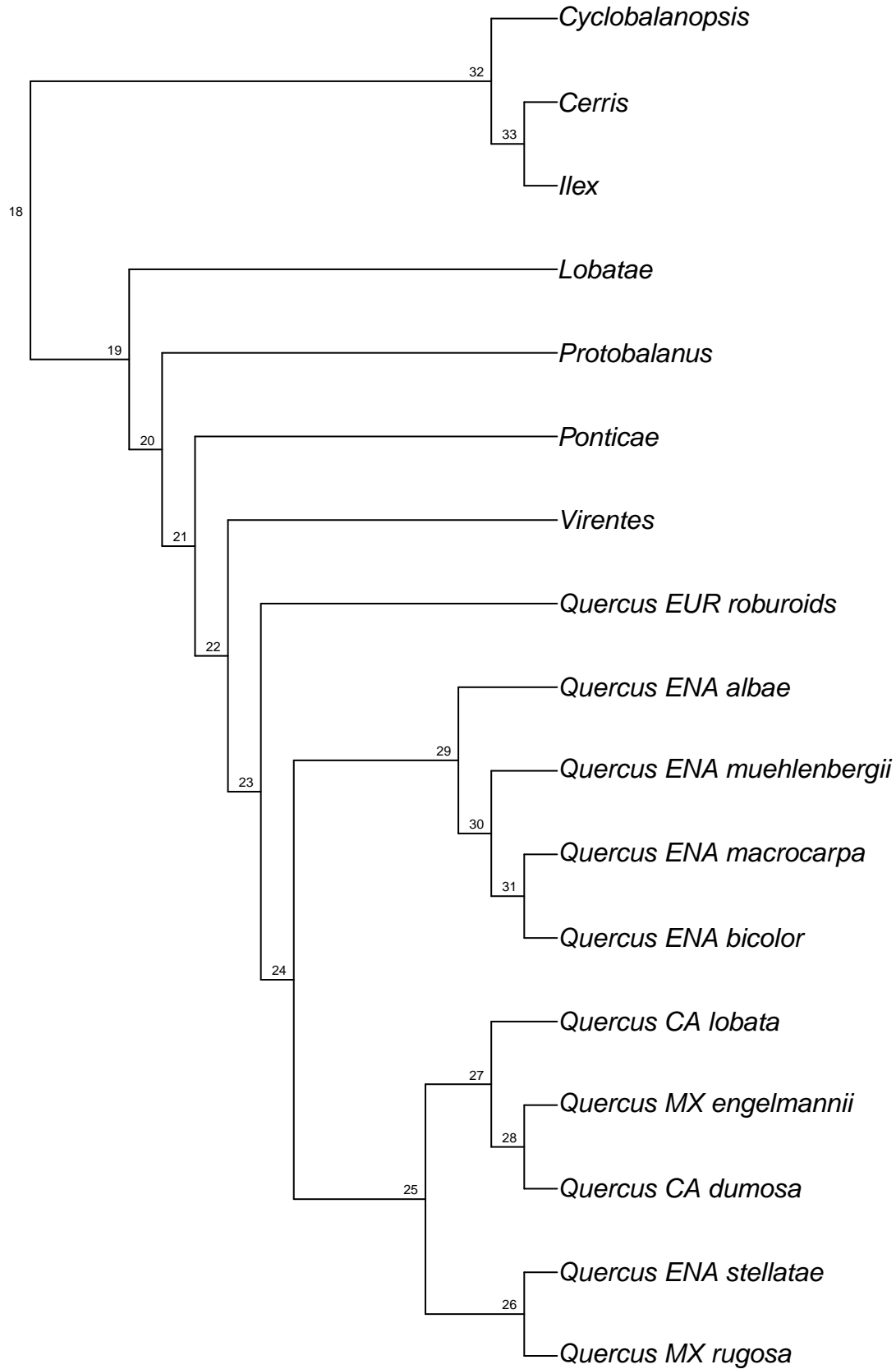
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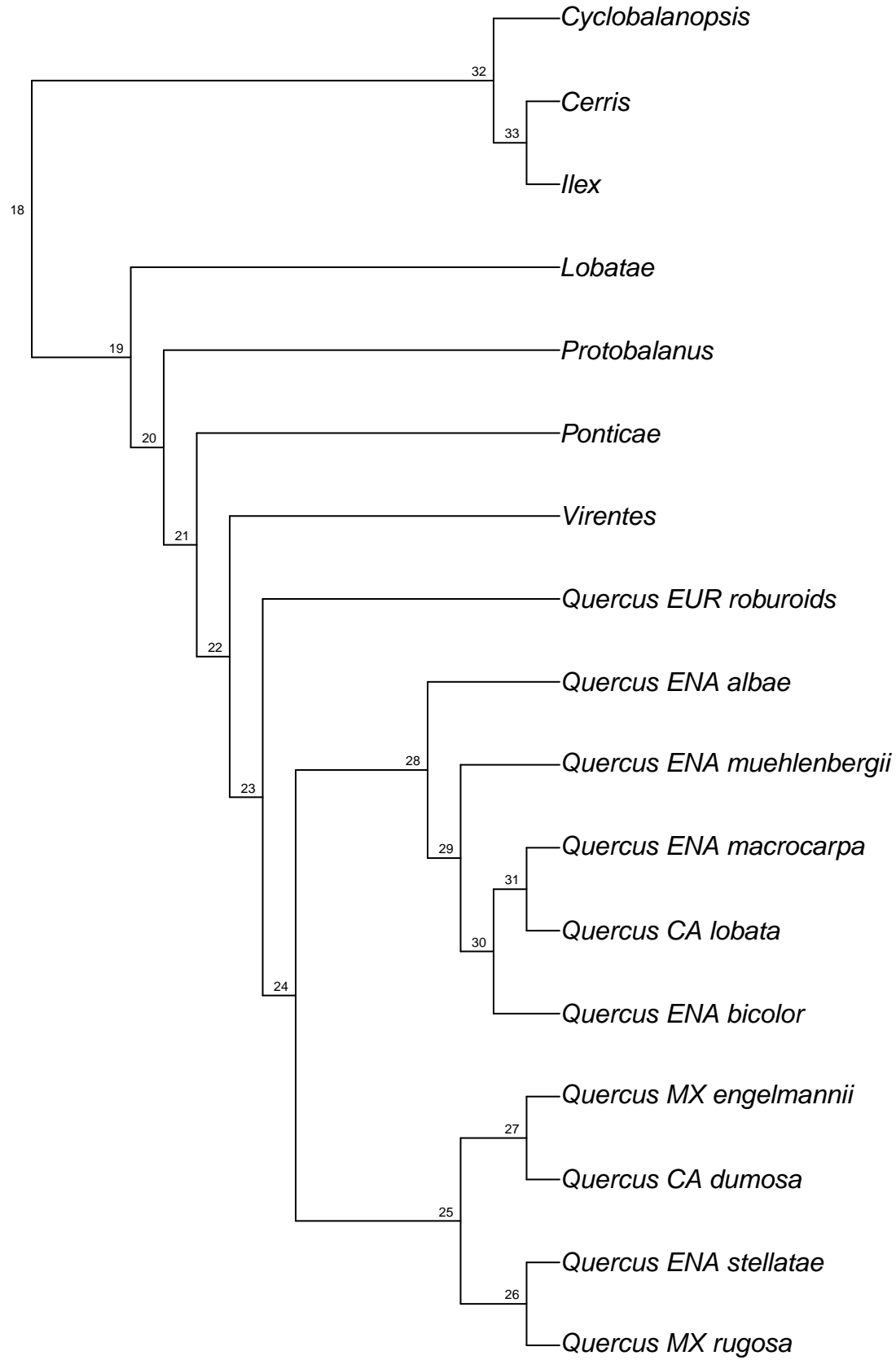
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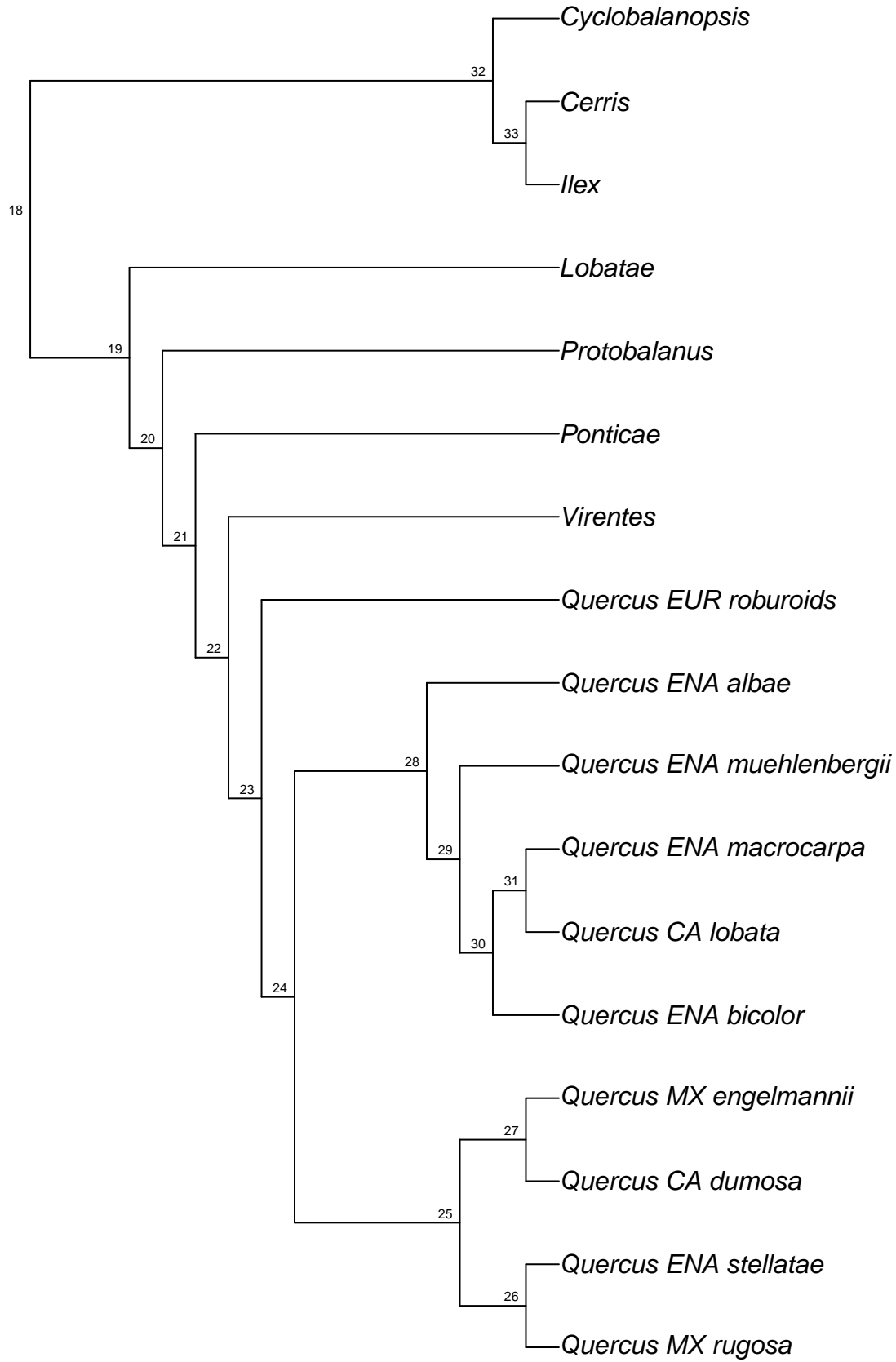
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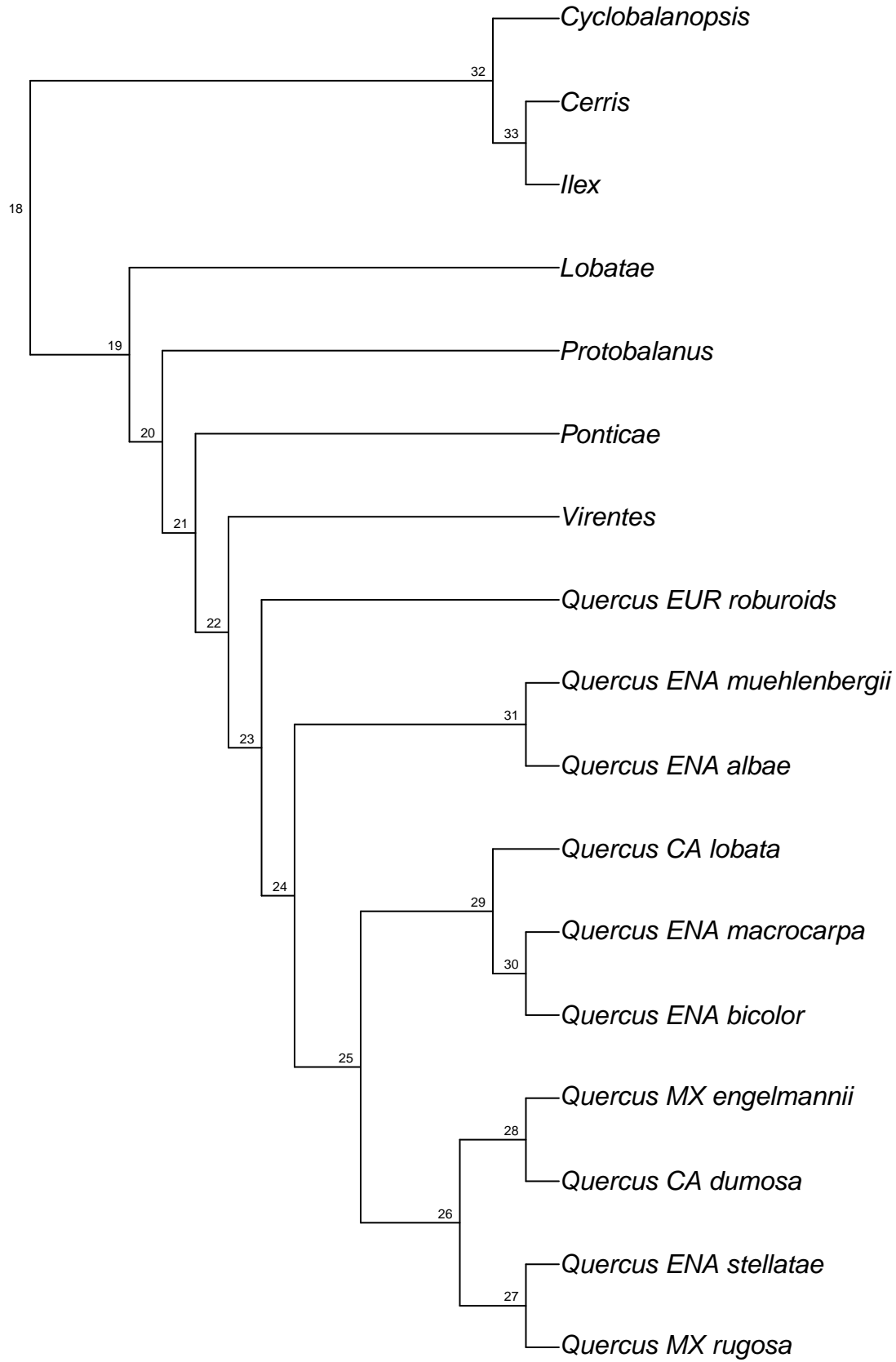
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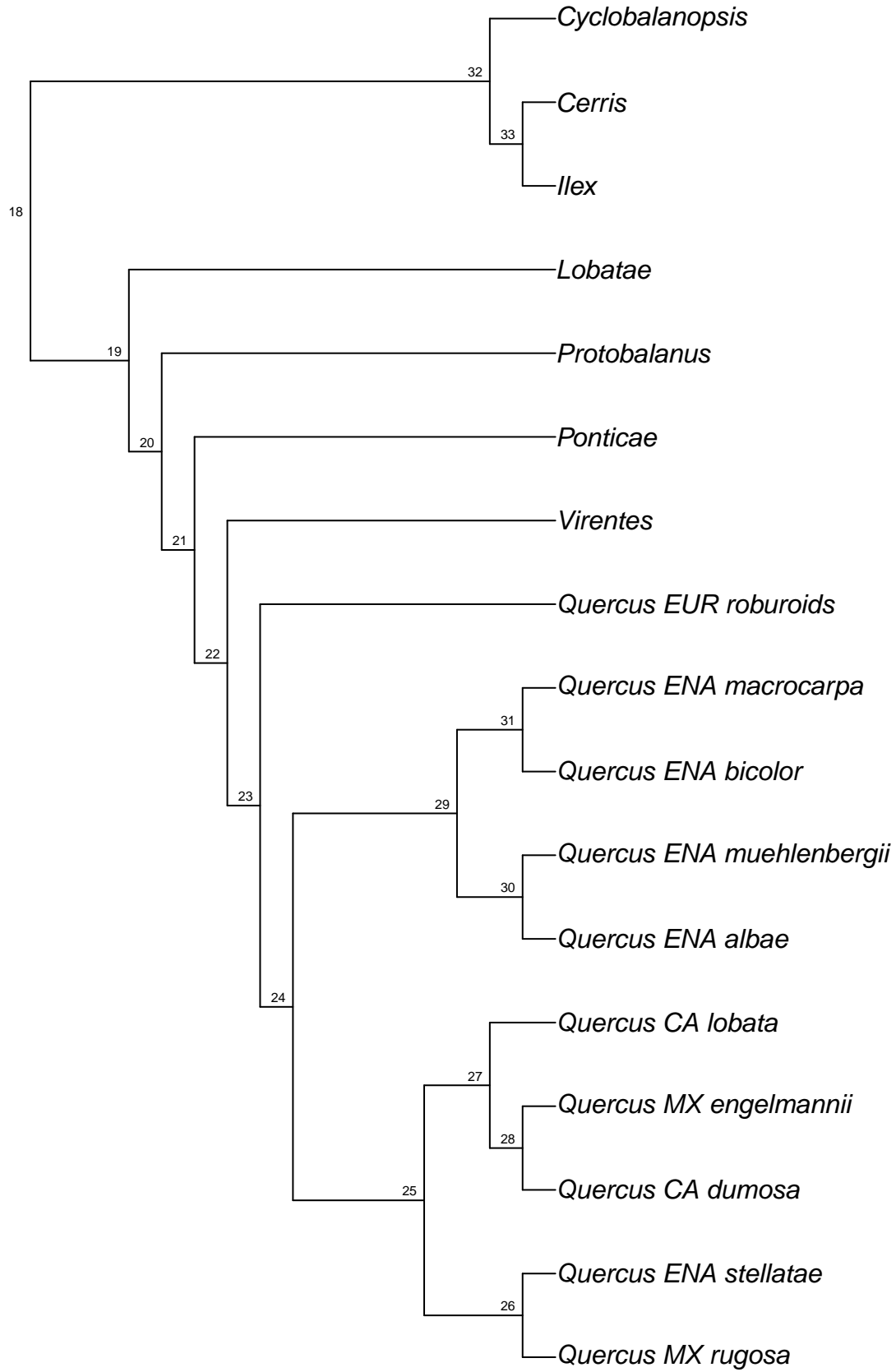
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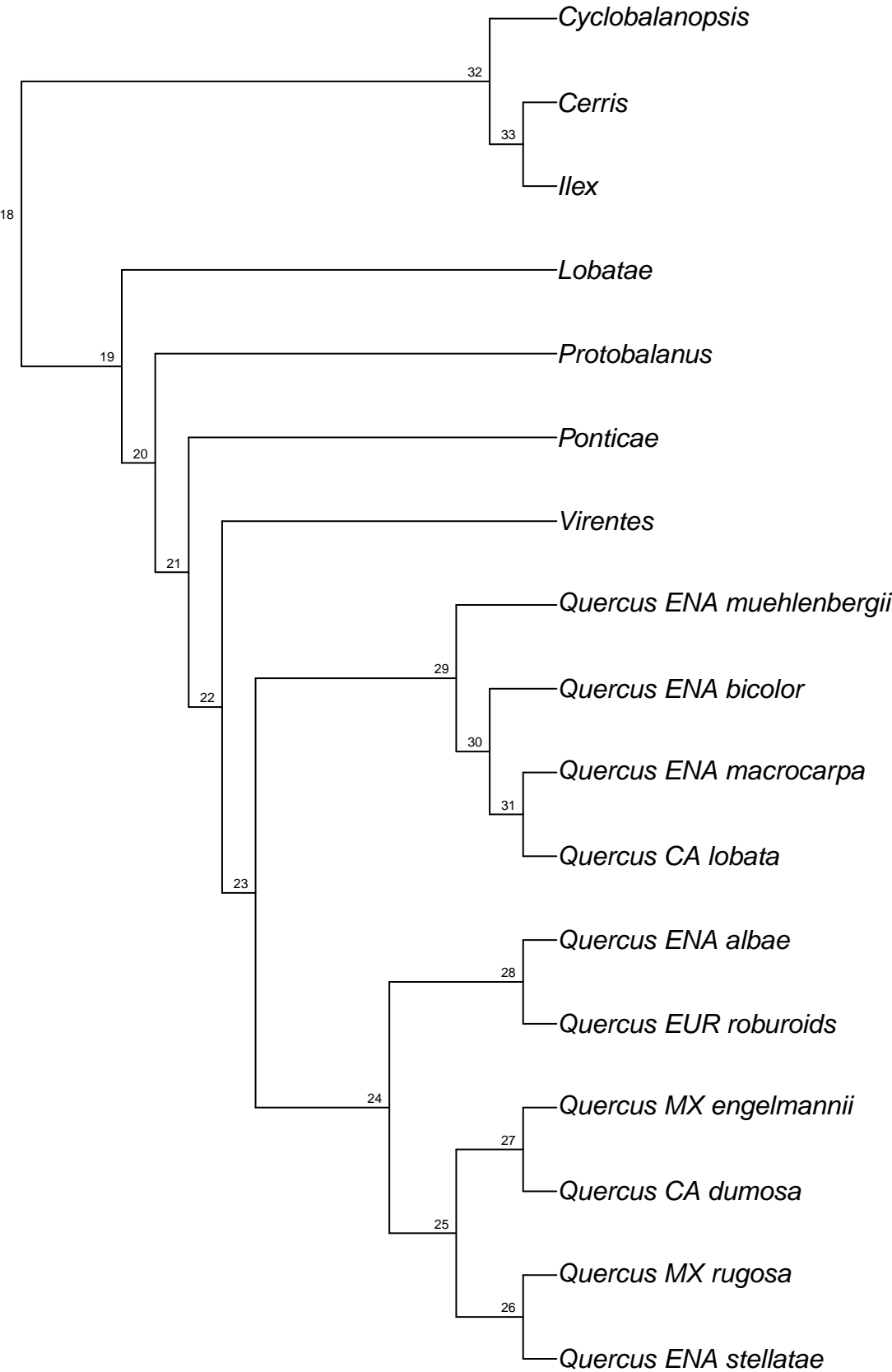
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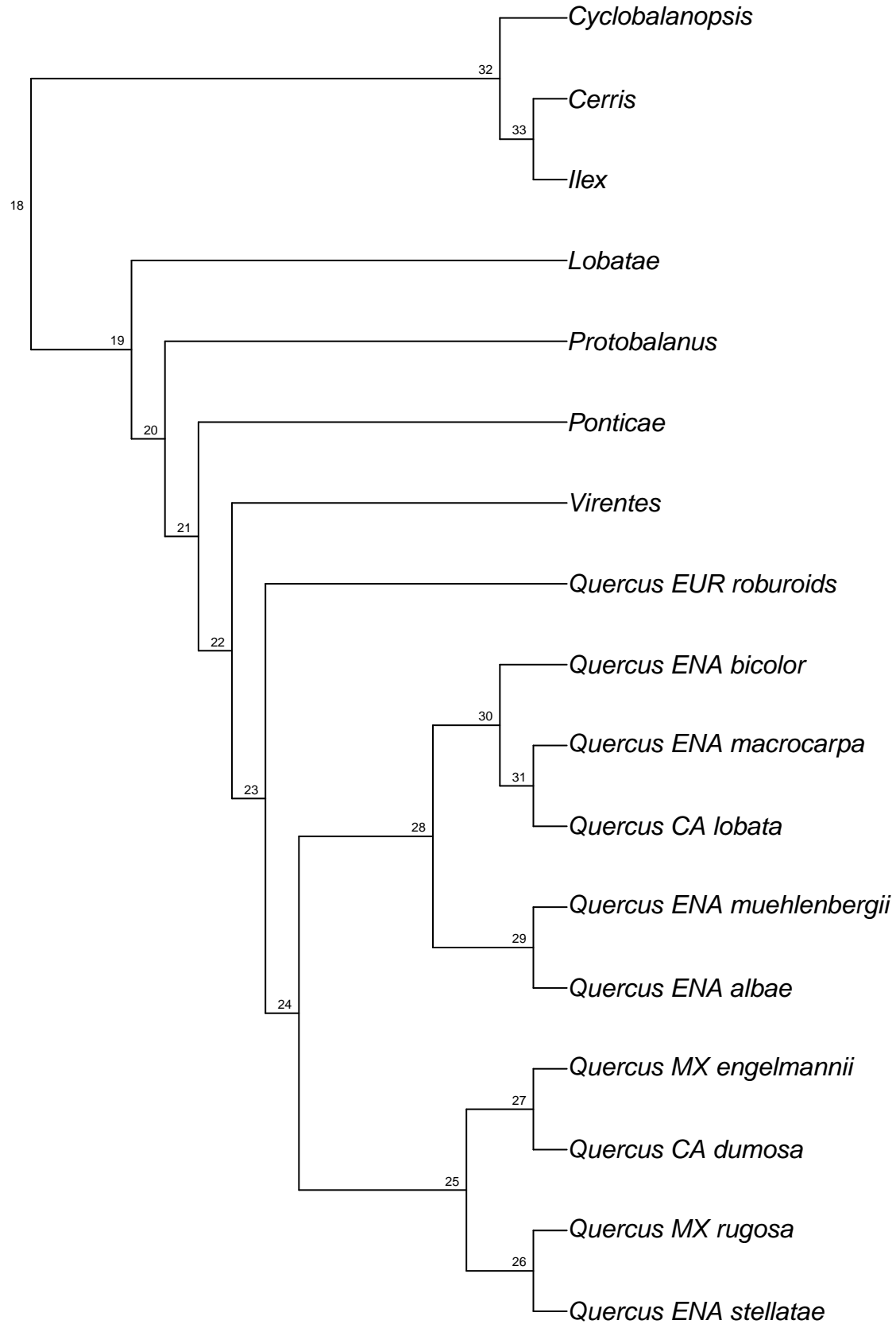
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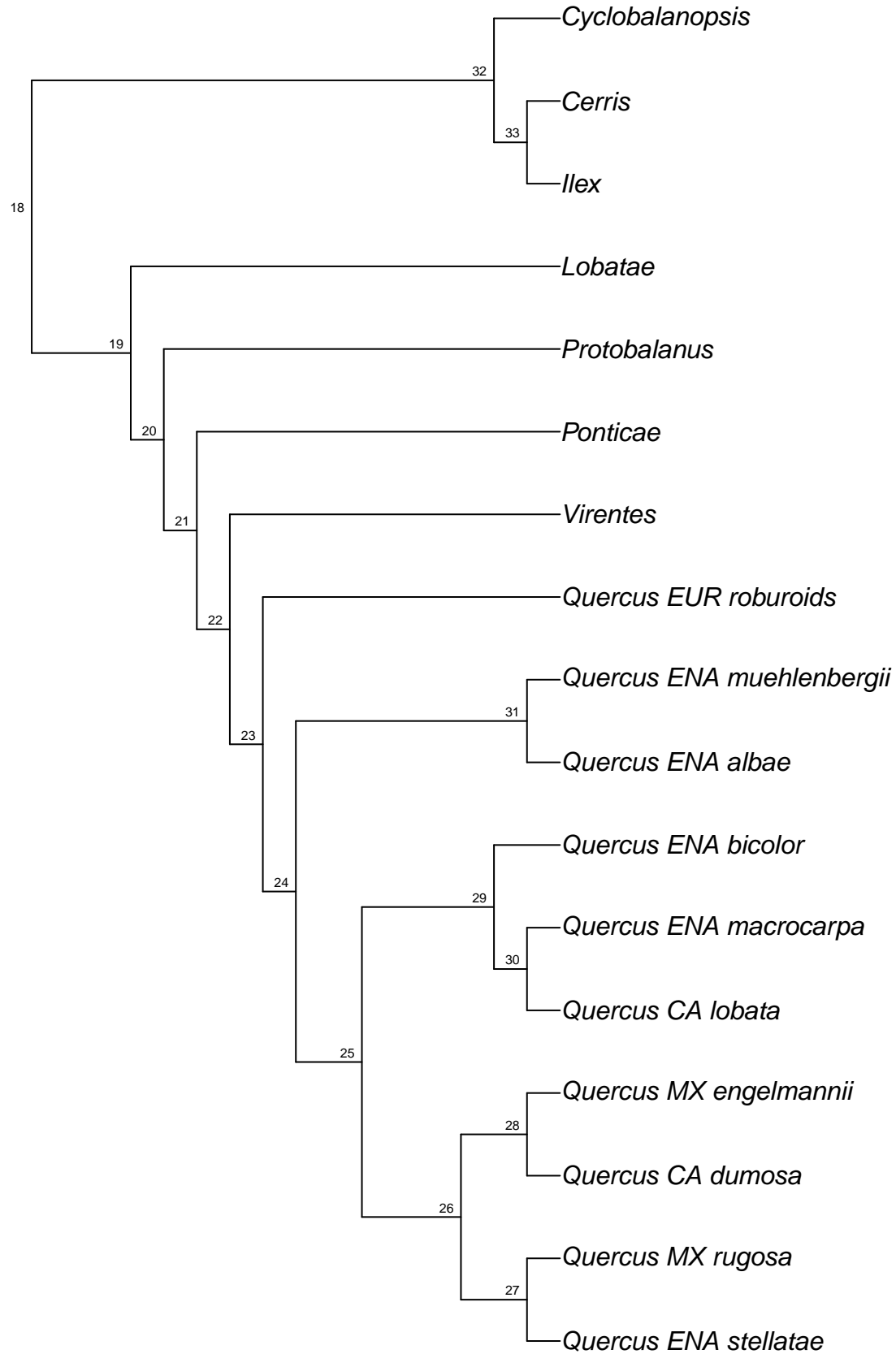
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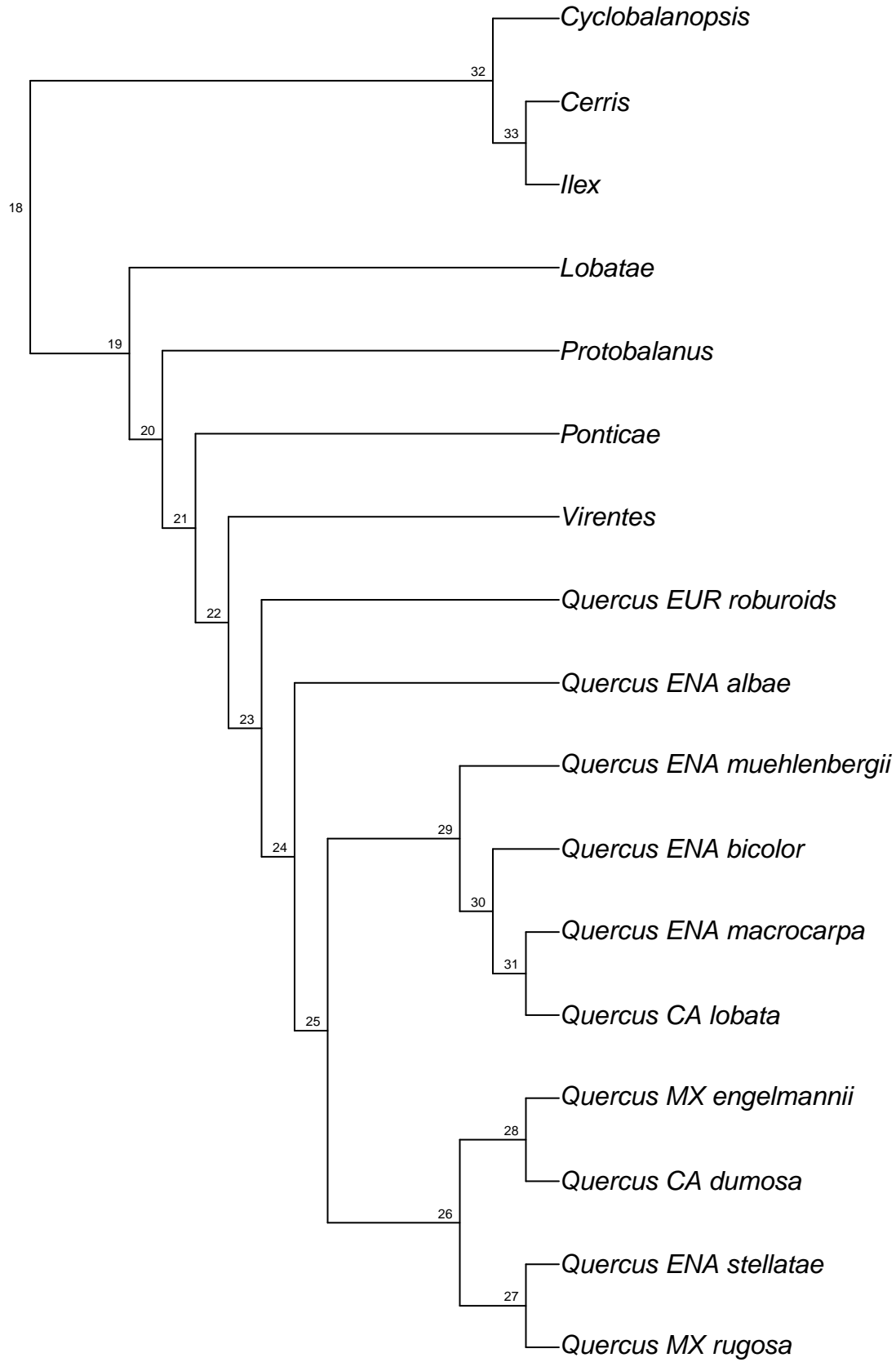
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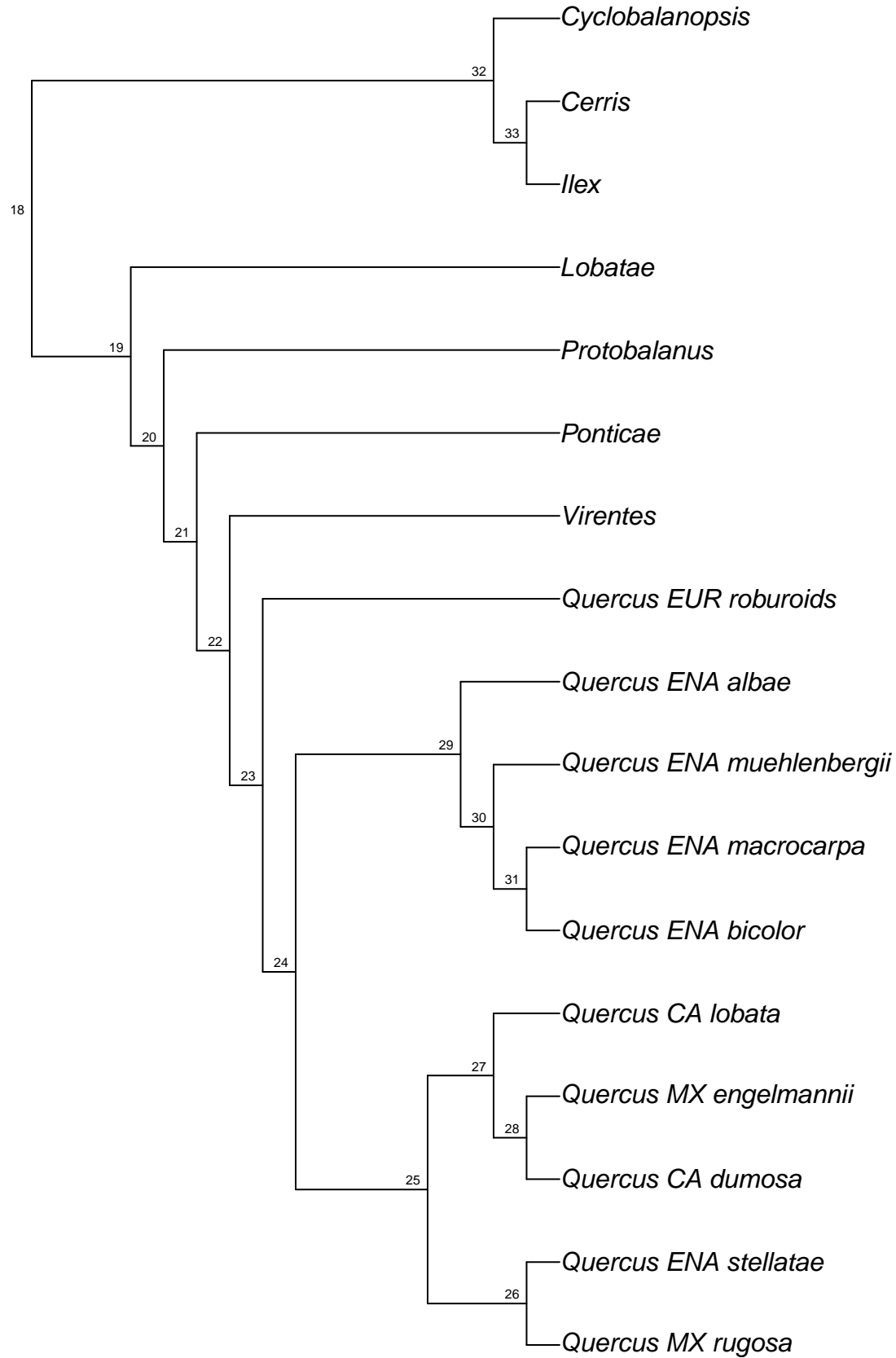
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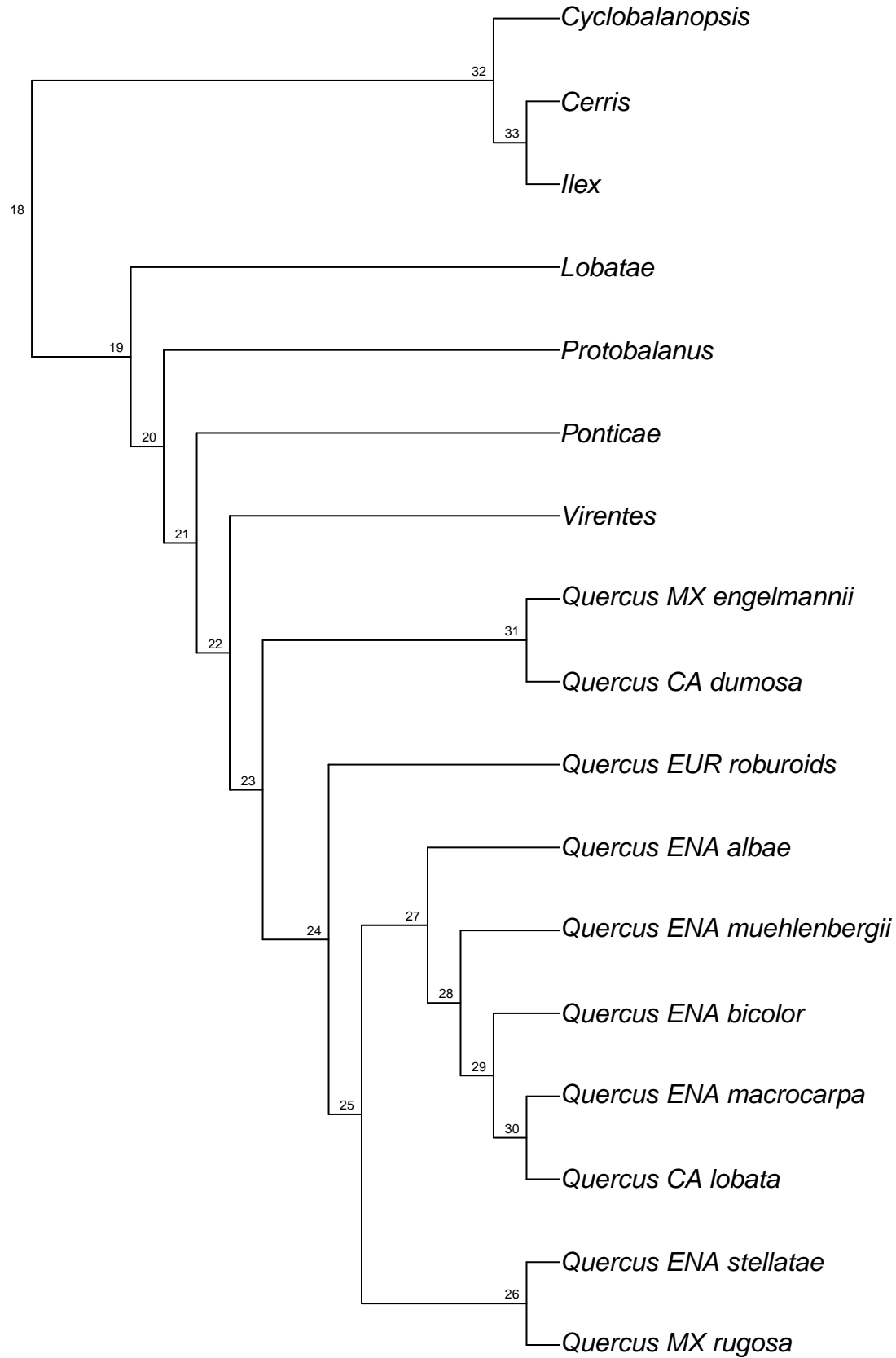
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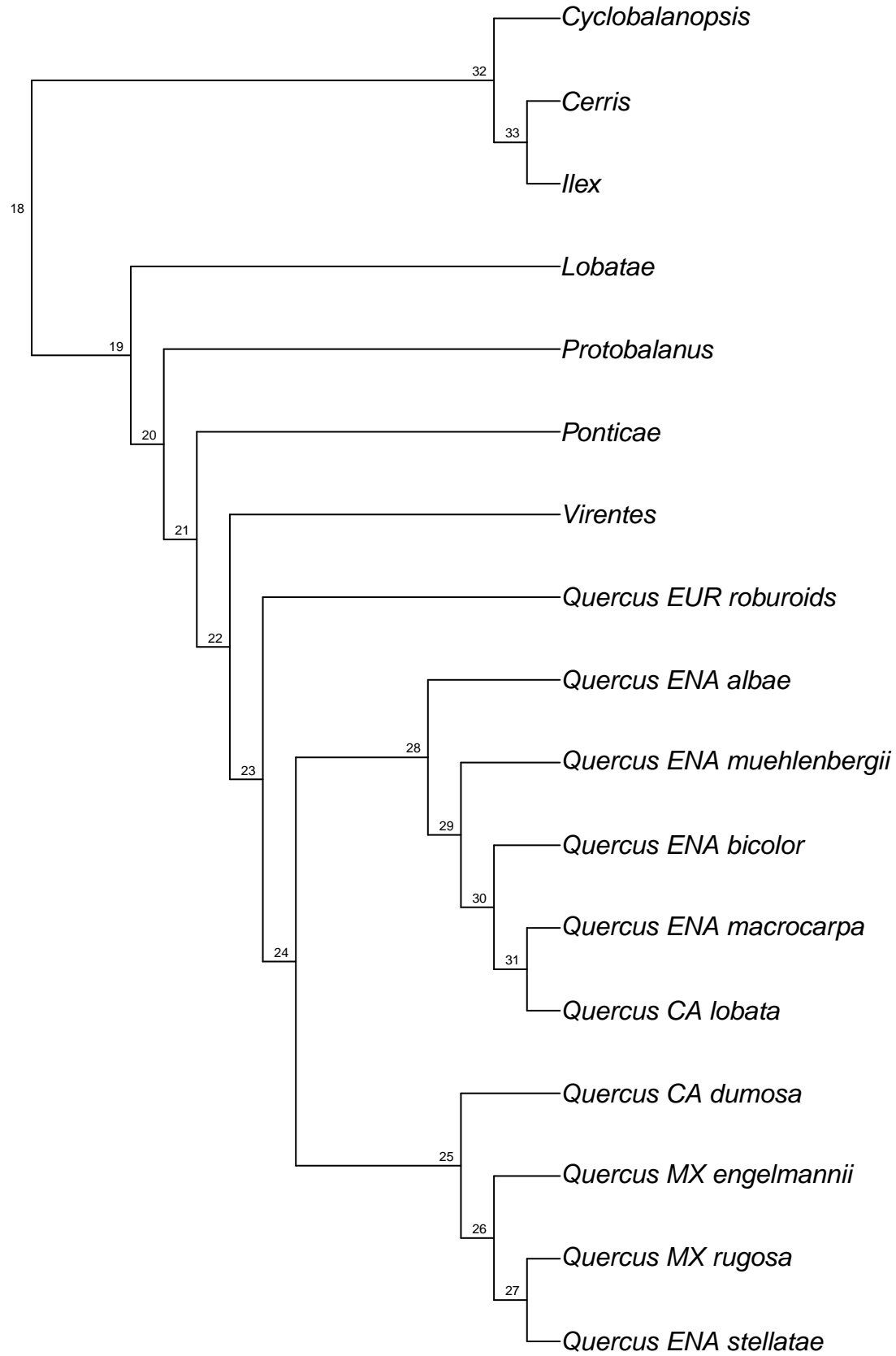
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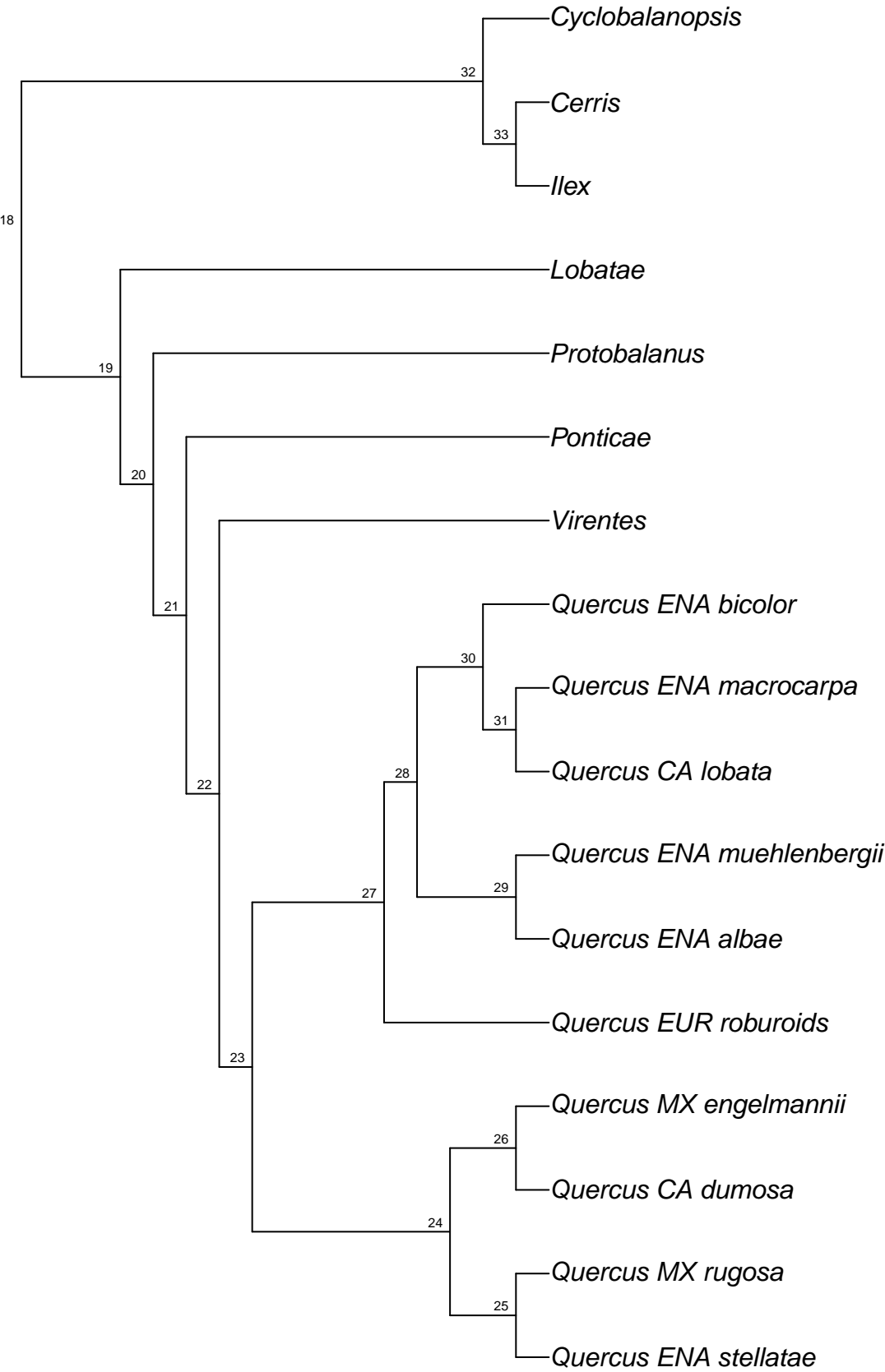


Phylogenetic tree showing relationships between *Quercus* species and outgroups (*Cyclobalanopsis*, *Cerris*, *Ilex*). The tree is rooted at node 18. Bootstrap values are indicated at the nodes.

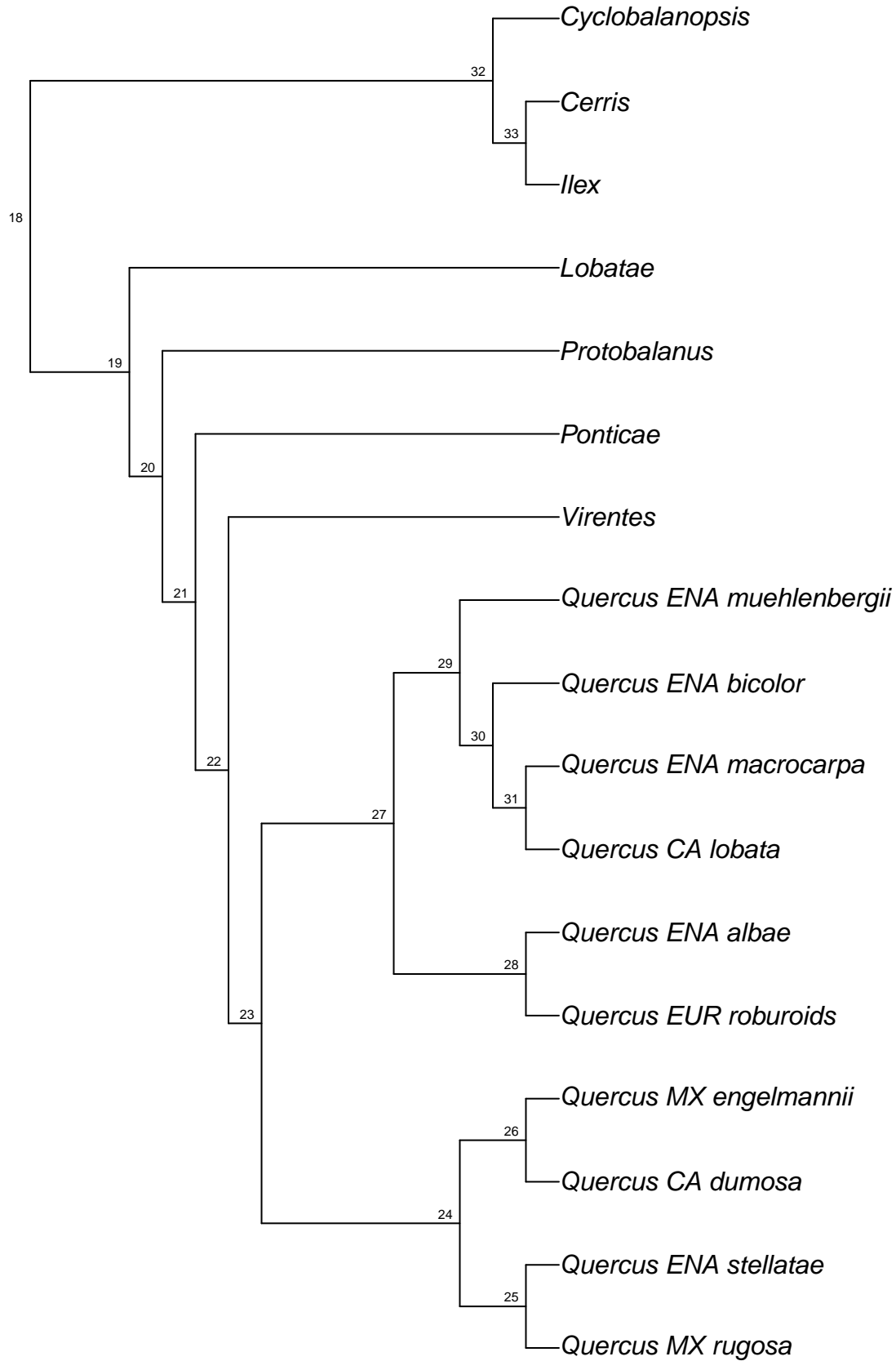
Species and their corresponding node numbers (from top to bottom):

- Cyclobalanopsis* (Node 32)
- Cerris* (Node 33)
- Ilex* (Node 33)
- Lobatae* (Node 19)
- Protobalanus* (Node 20)
- Ponticae* (Node 21)
- Virentes* (Node 22)
- Quercus ENA muehlenbergii* (Node 31)
- Quercus ENA albae* (Node 31)
- Quercus ENA bicolor* (Node 29)
- Quercus ENA macrocarpa* (Node 30)
- Quercus CA lobata* (Node 30)
- Quercus EUR roburoids* (Node 28)
- Quercus MX engelmannii* (Node 26)
- Quercus CA dumosa* (Node 26)
- Quercus ENA stellatae* (Node 25)
- Quercus MX rugosa* (Node 25)

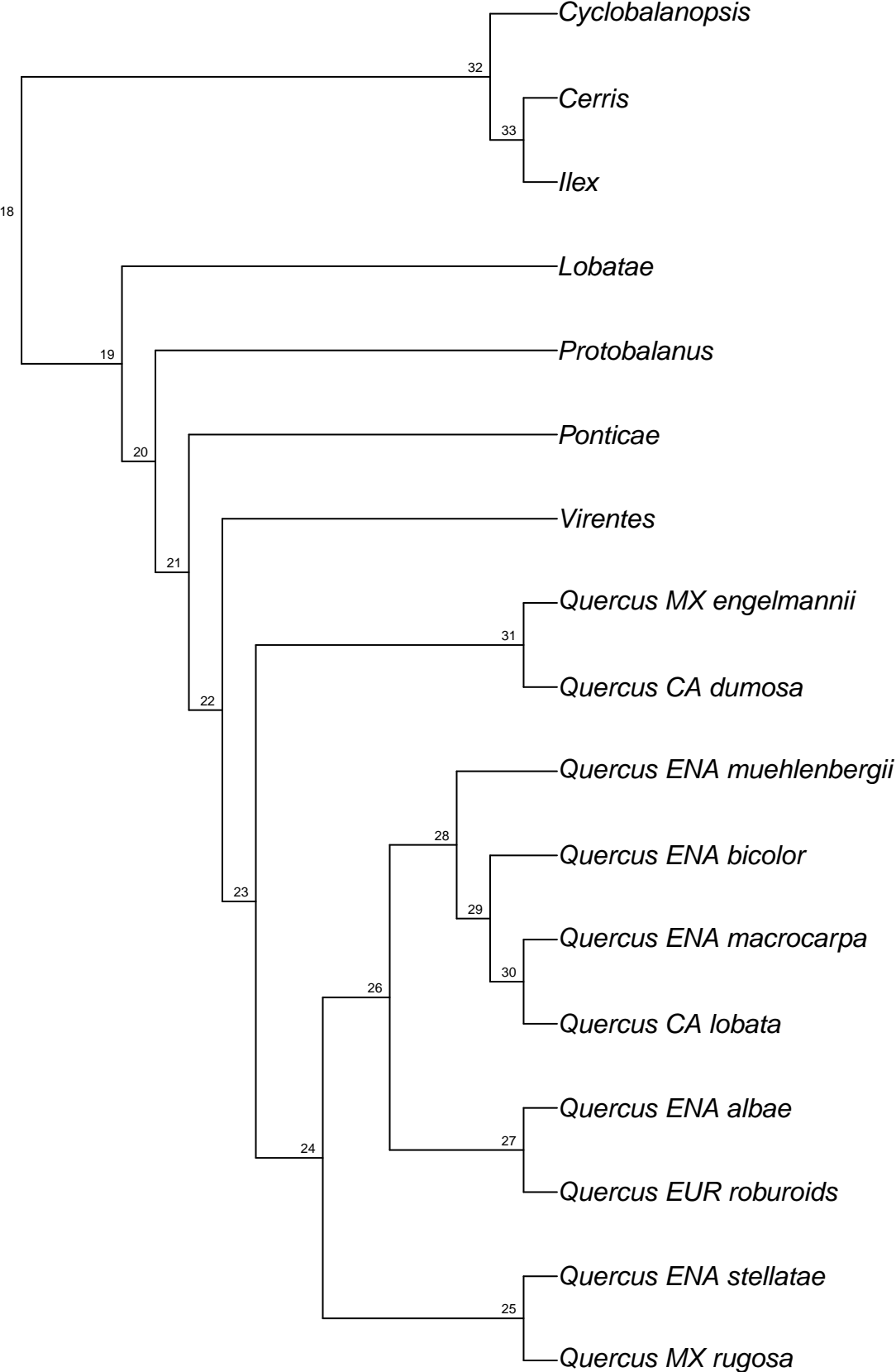
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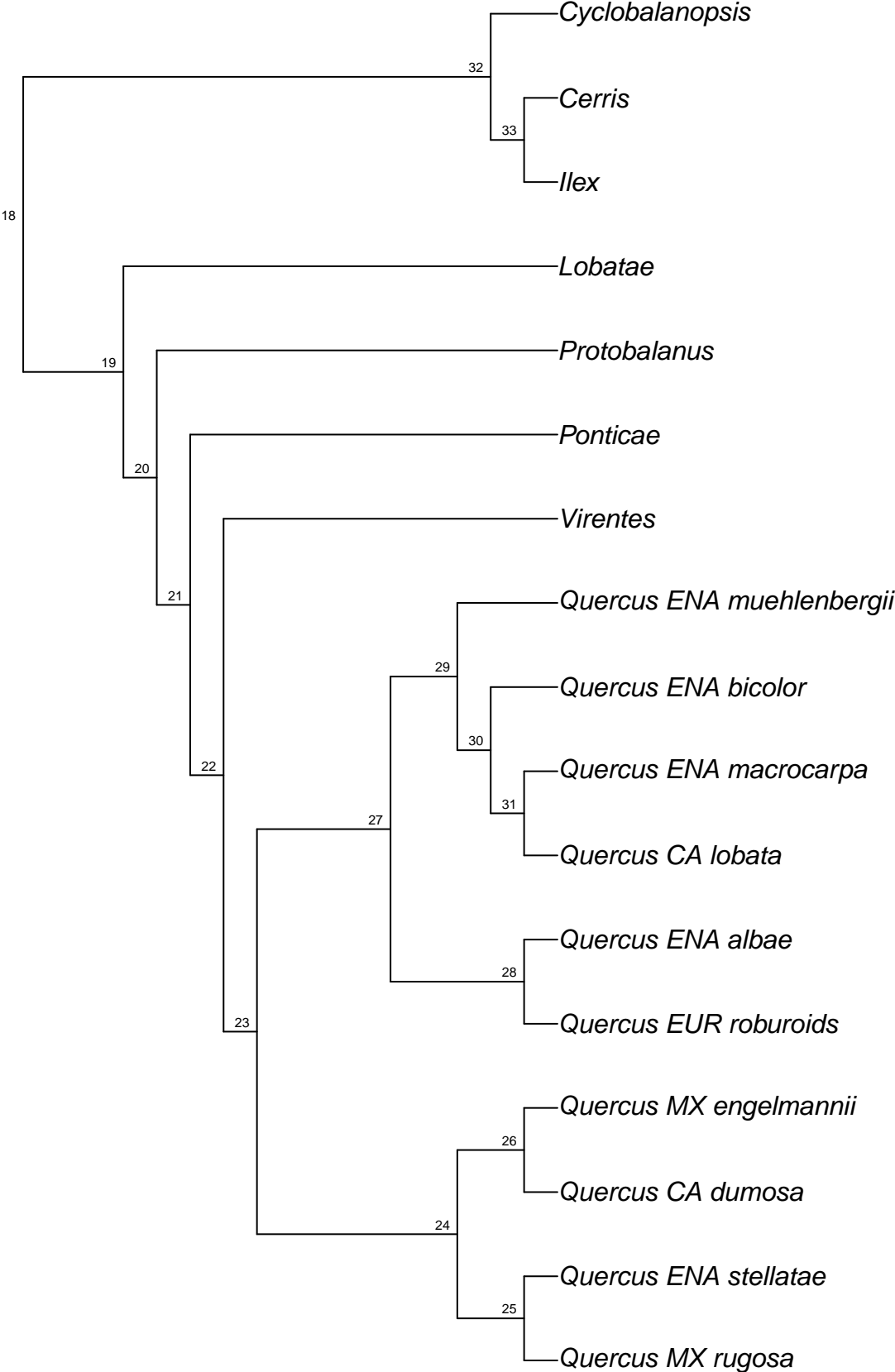
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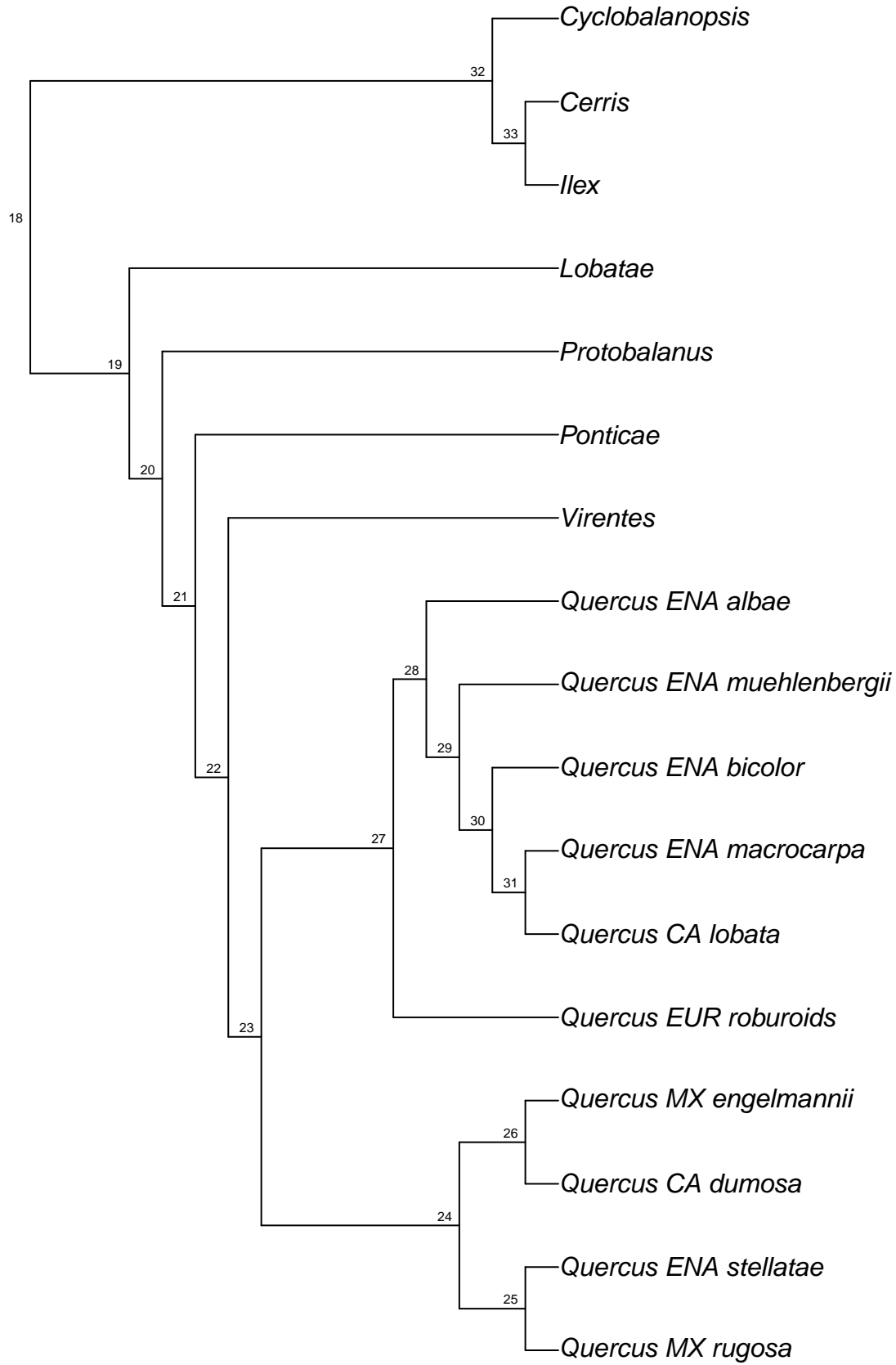
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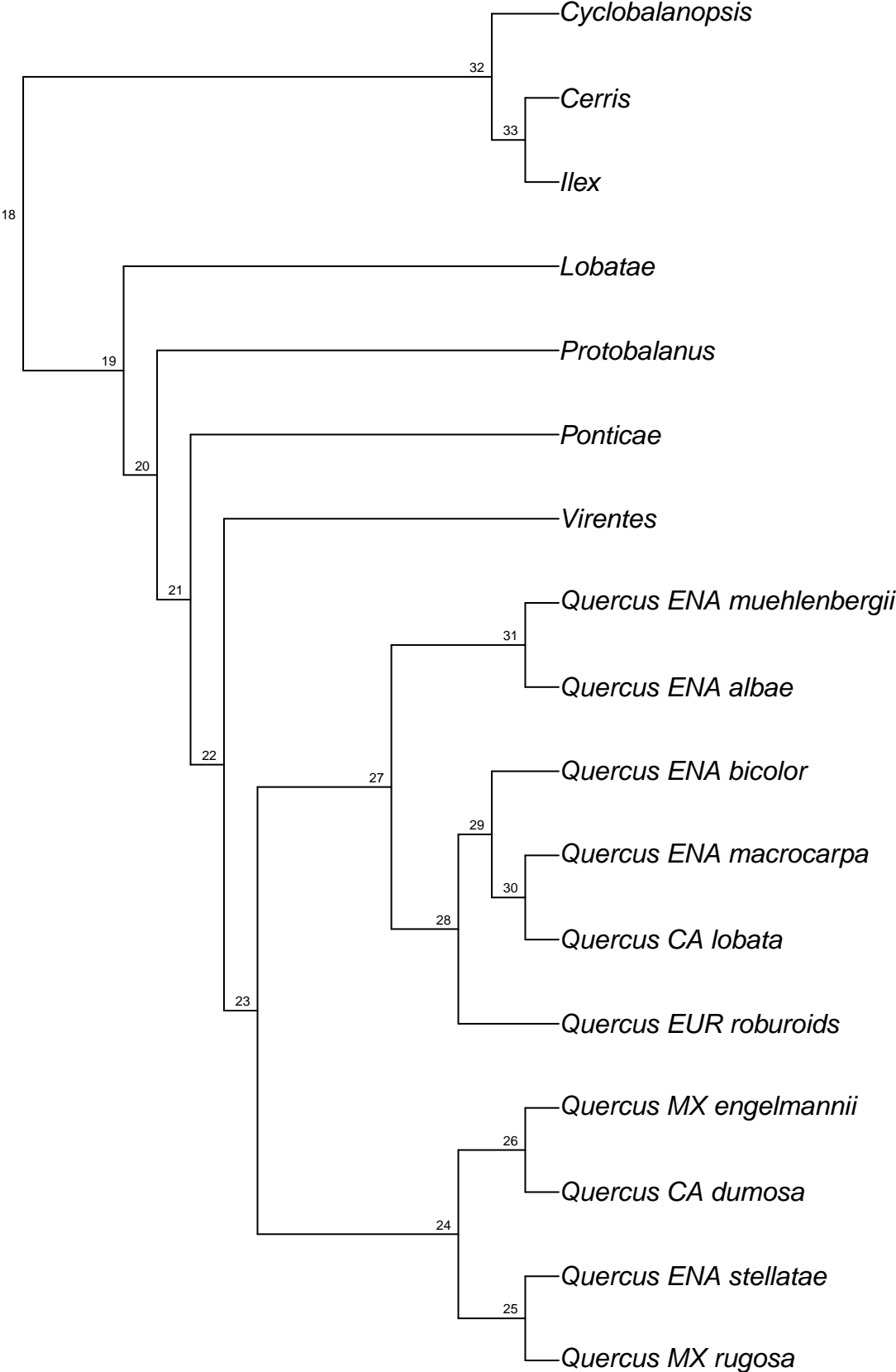
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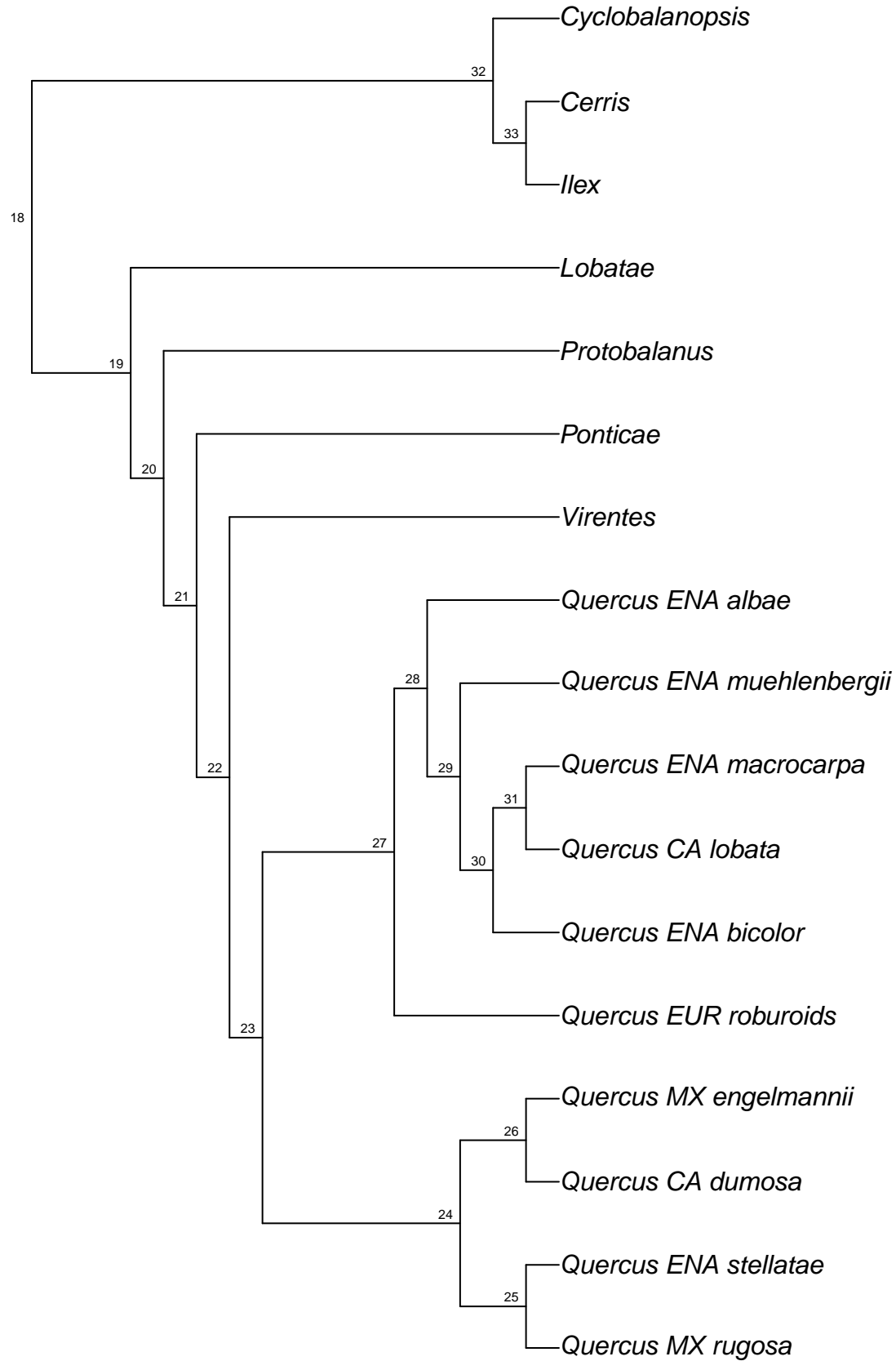
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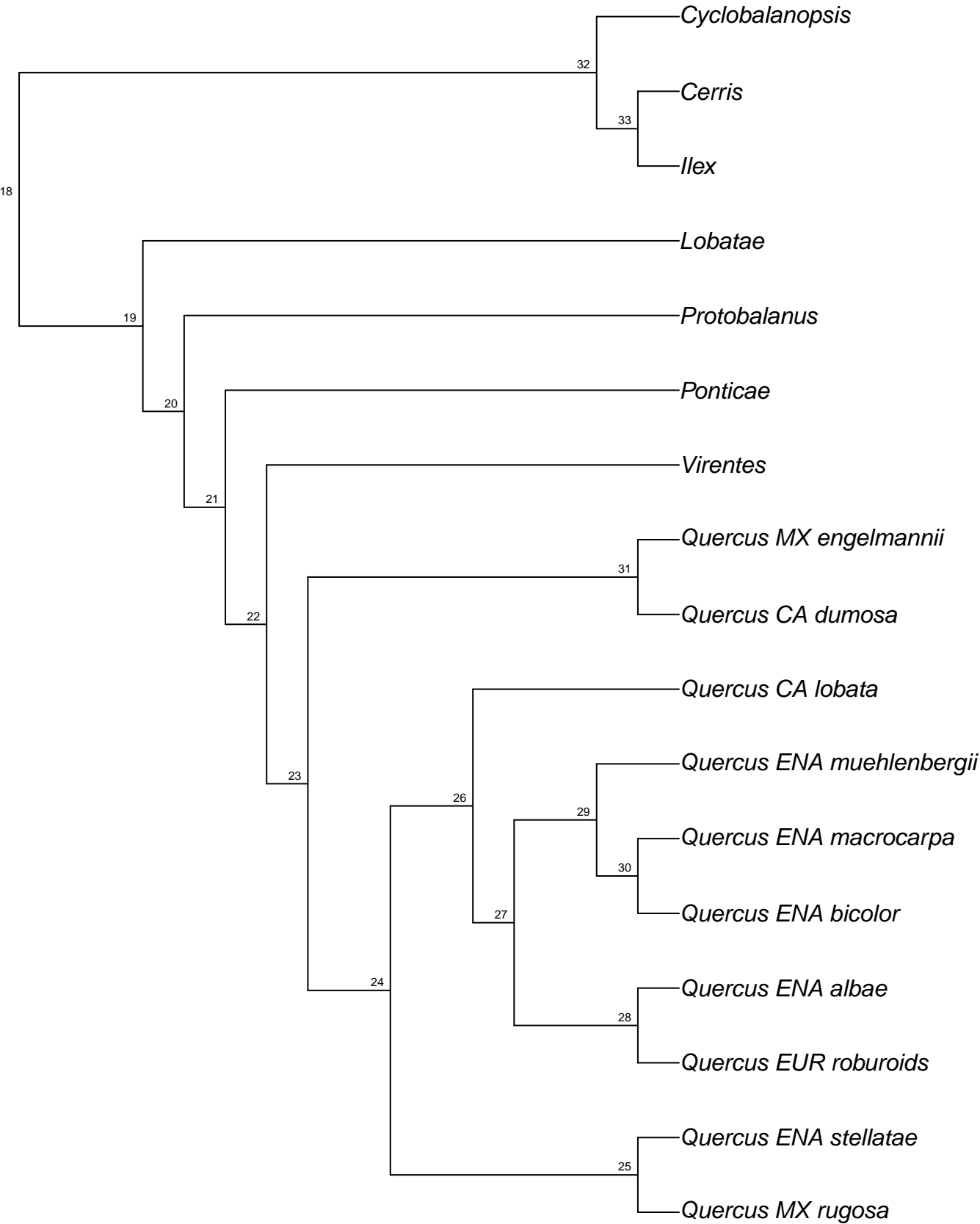
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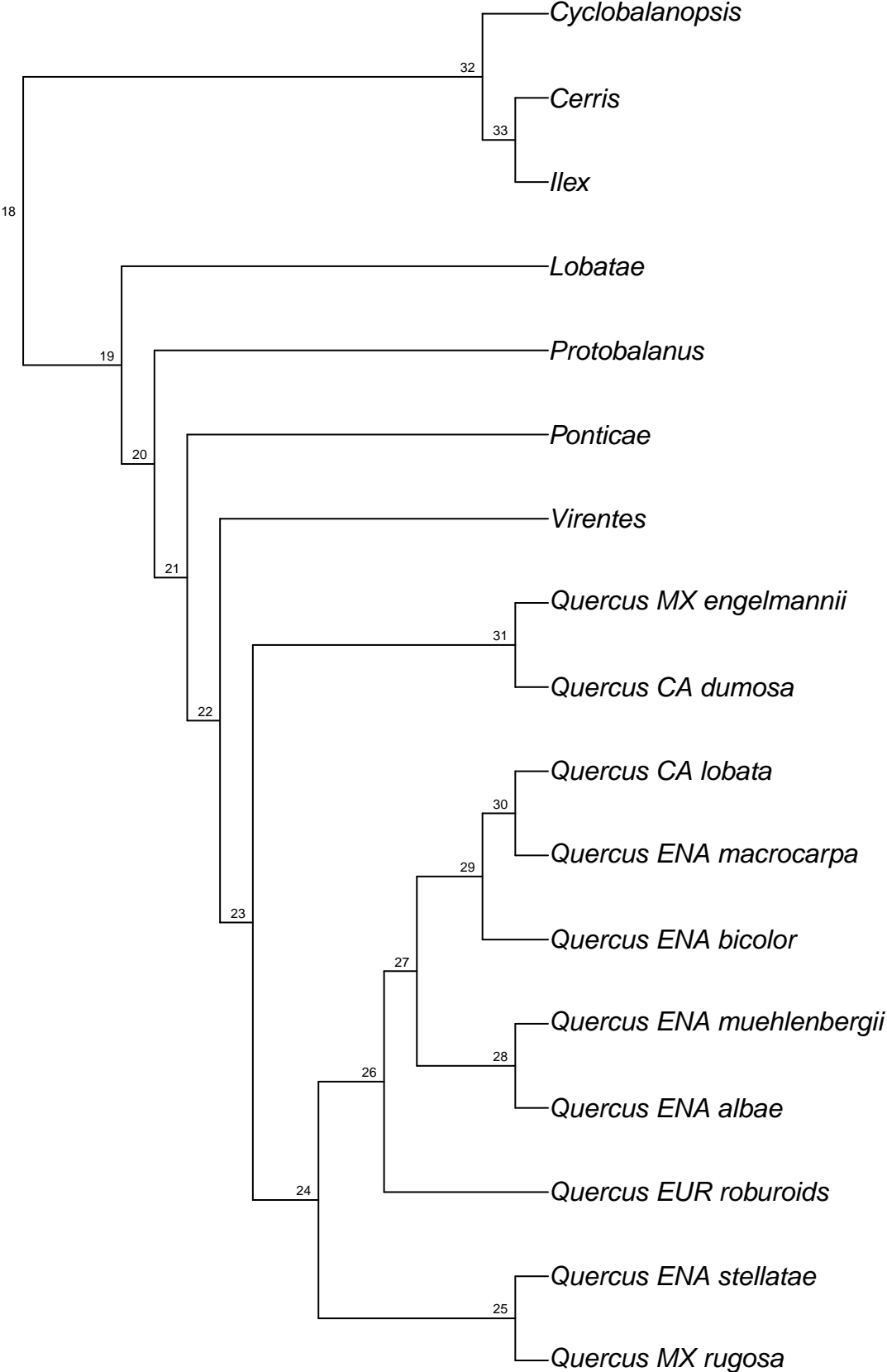
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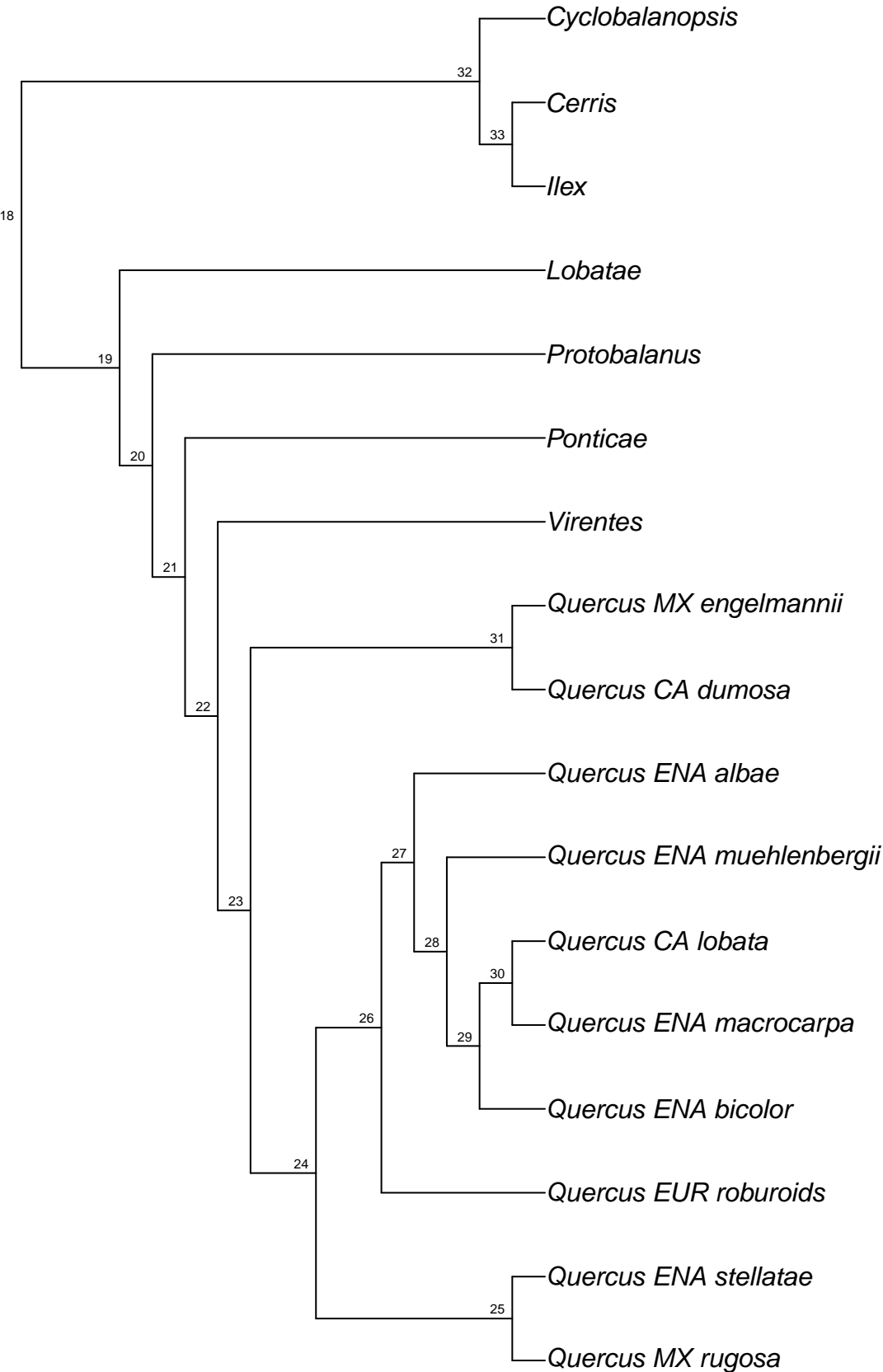
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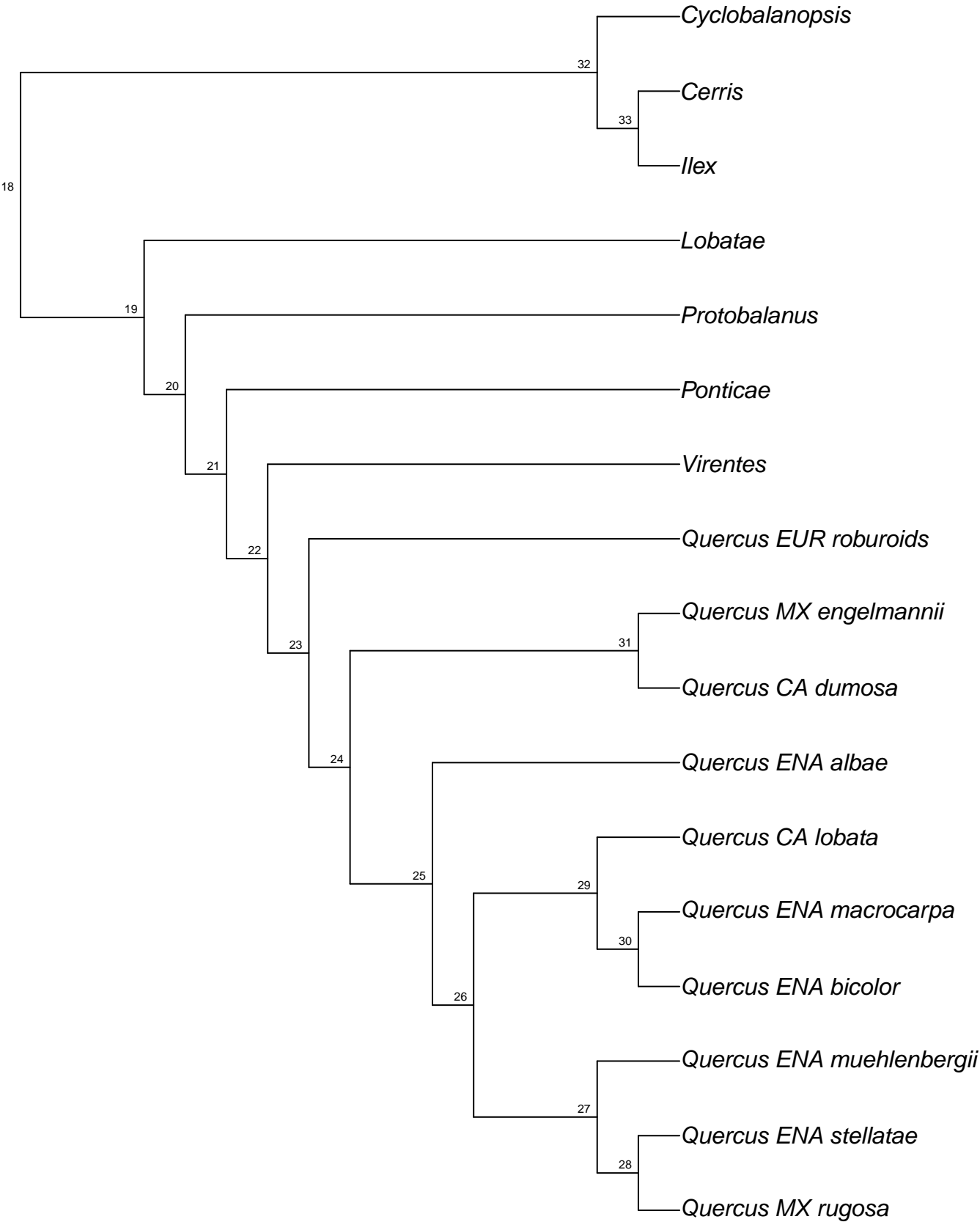
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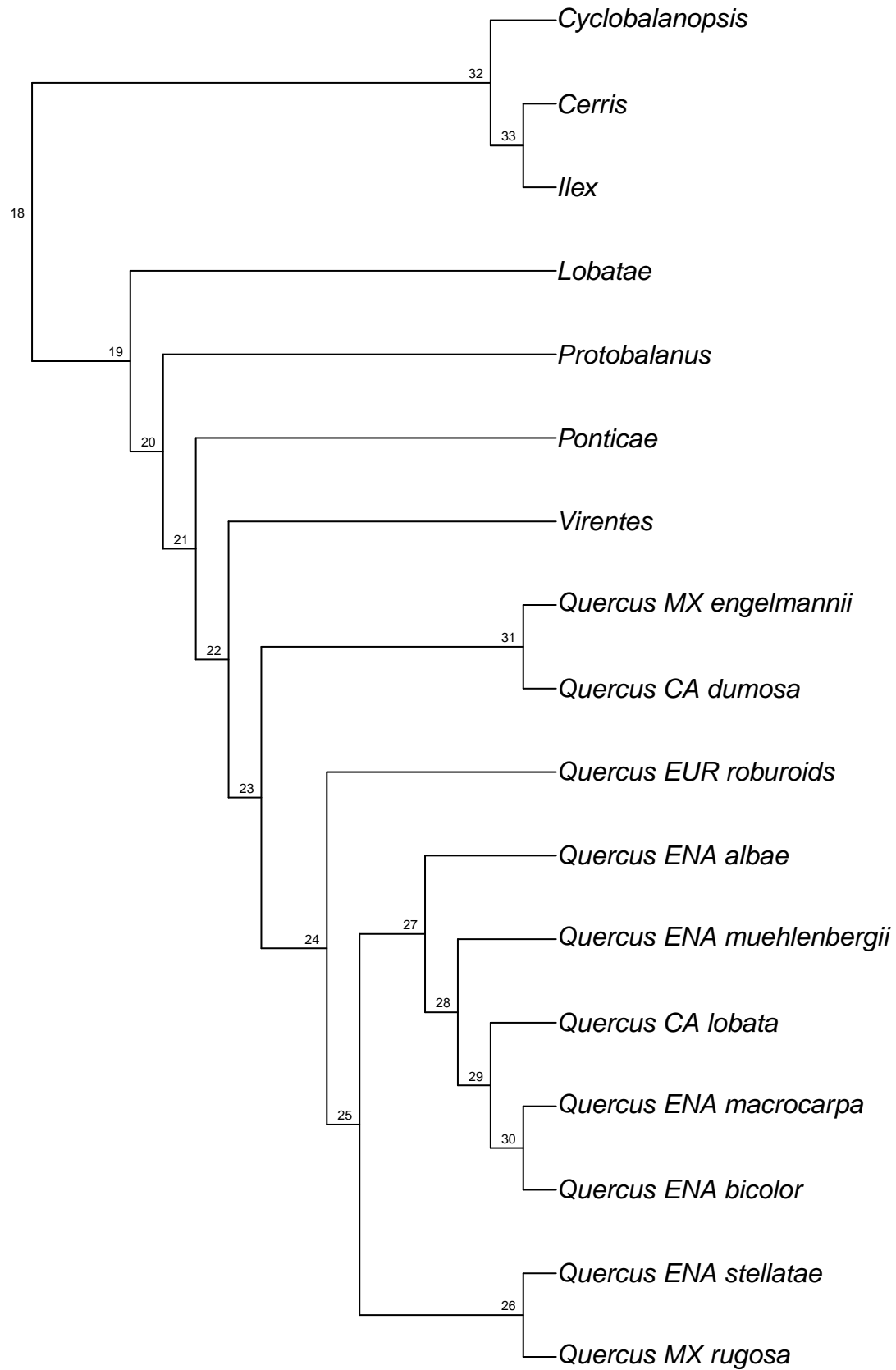
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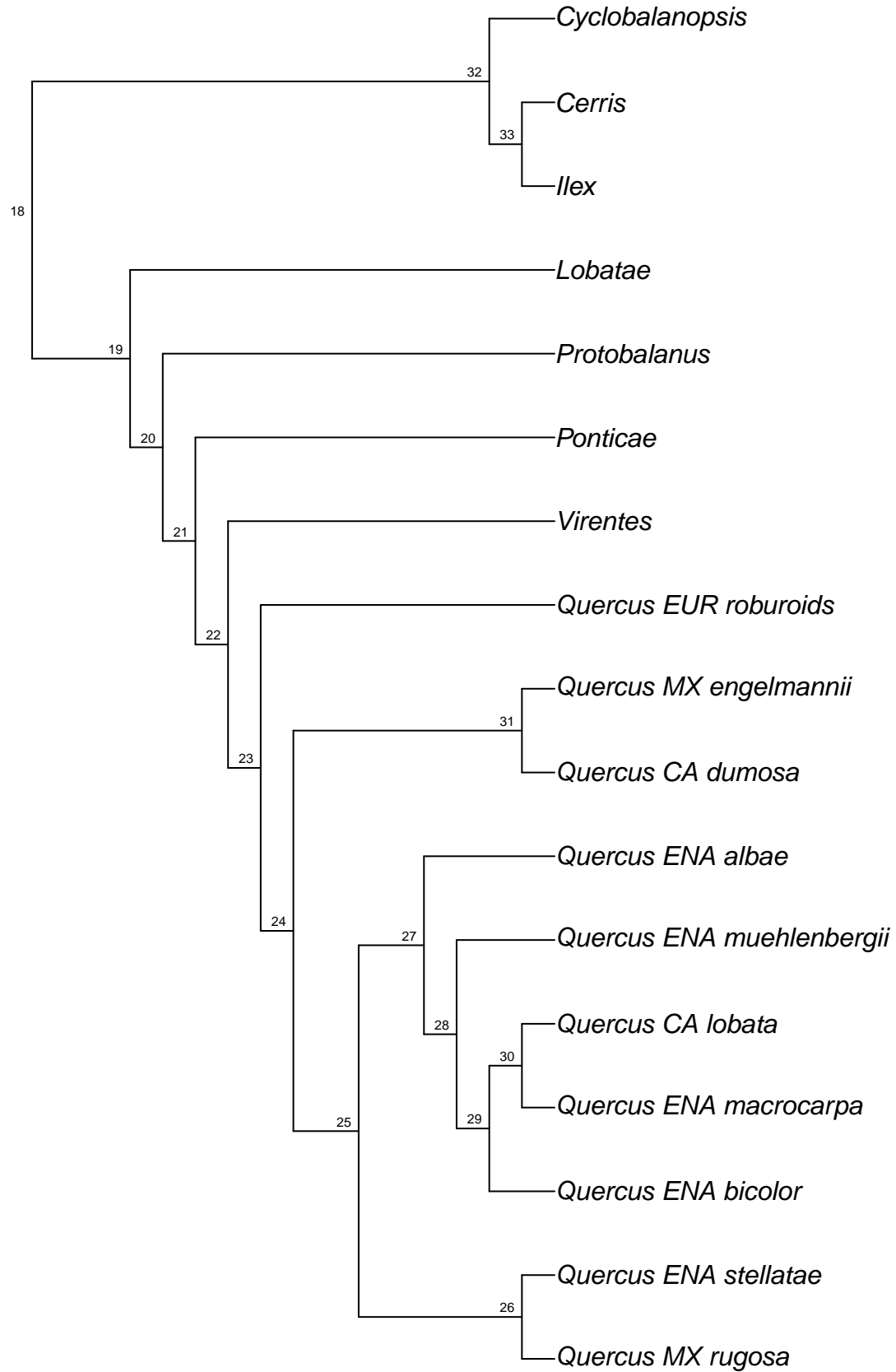
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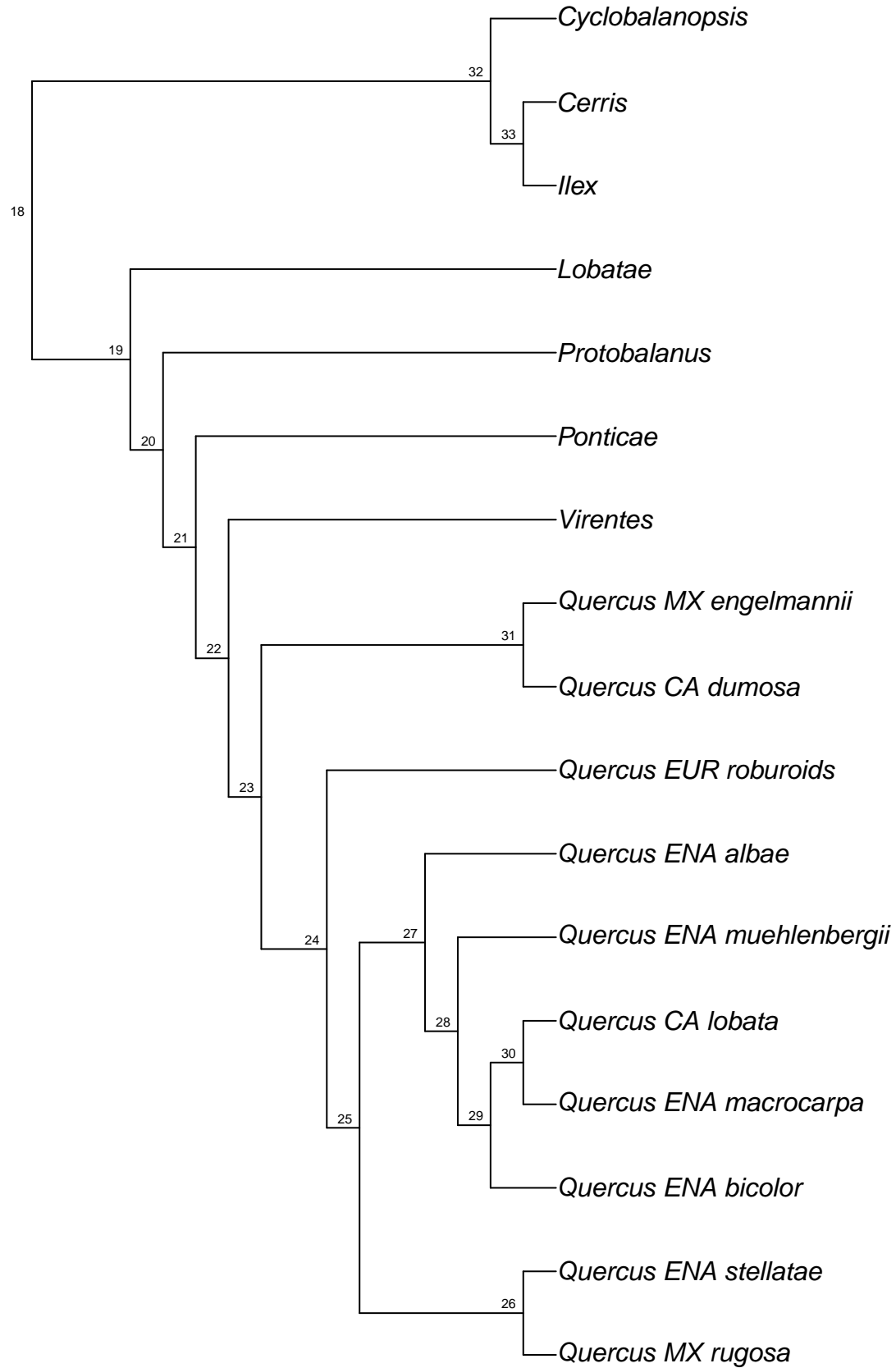
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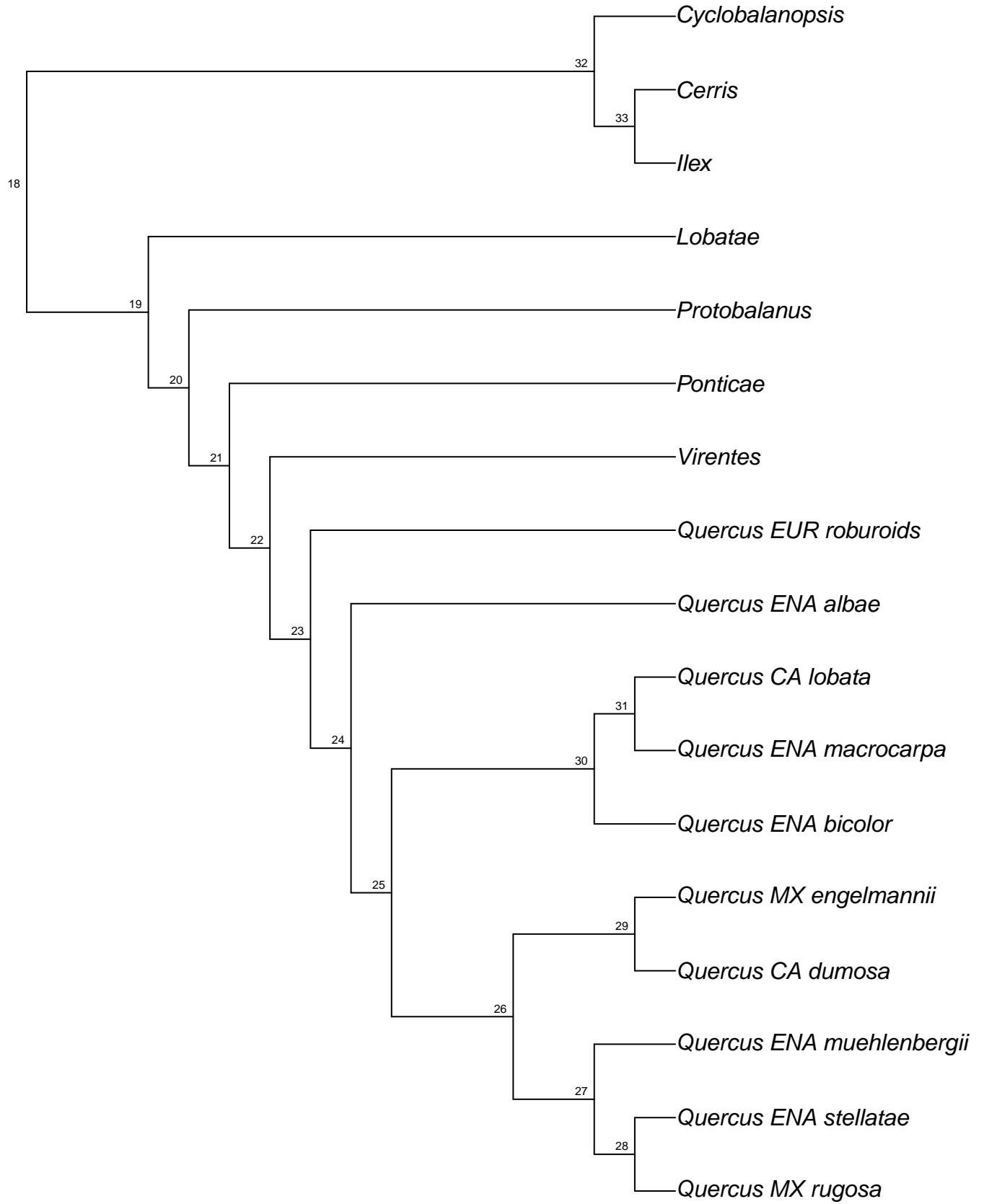
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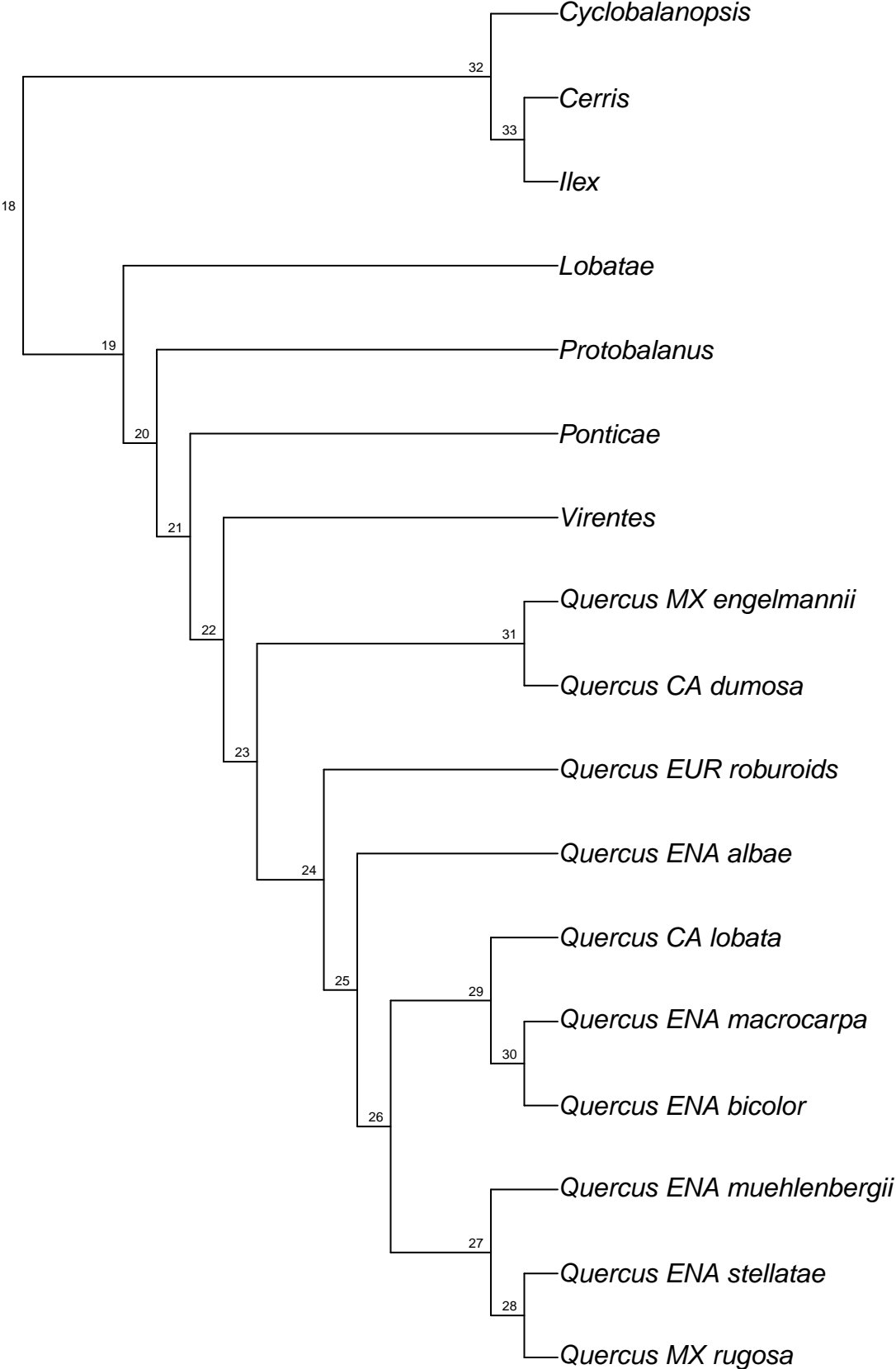
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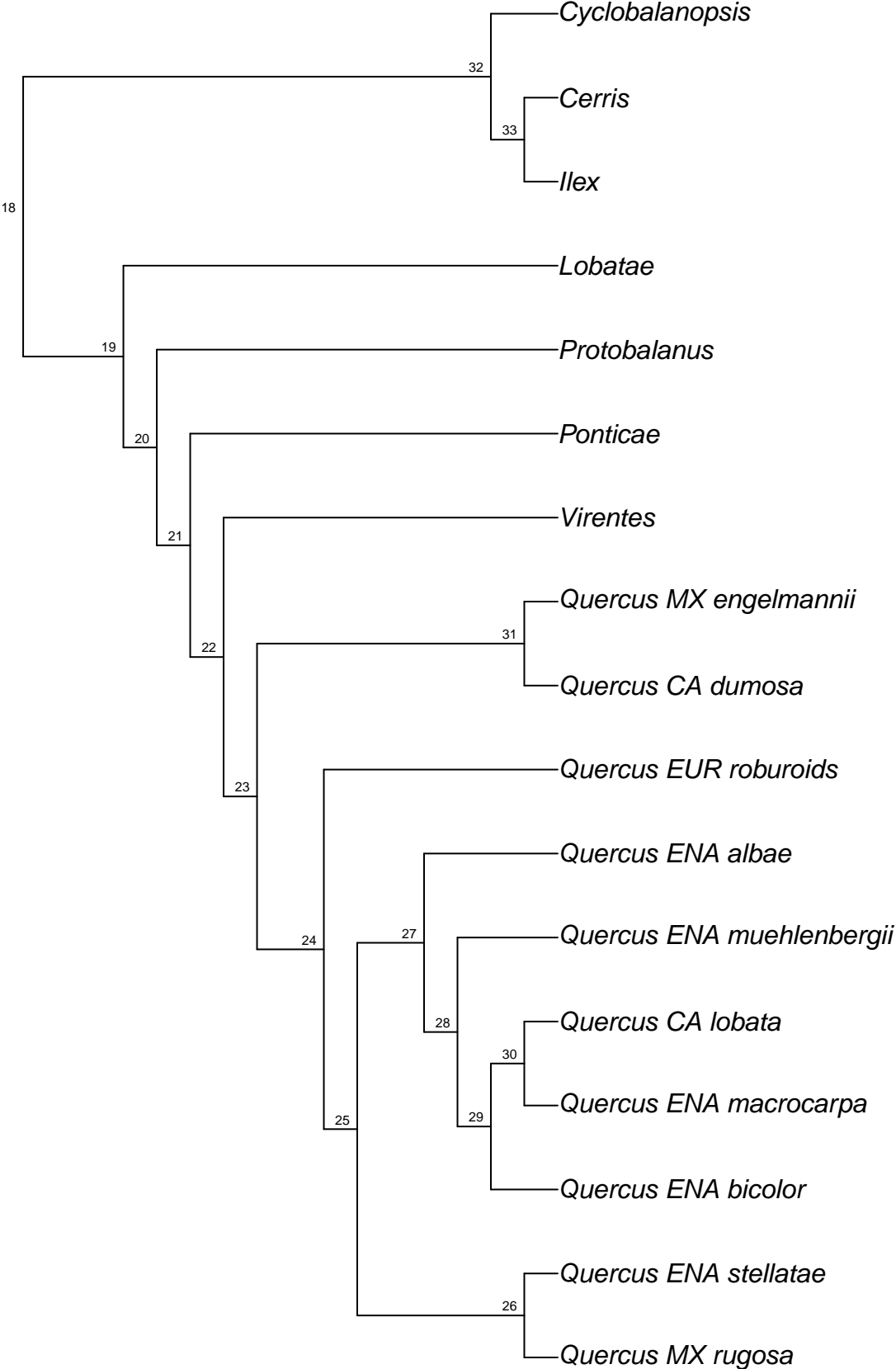
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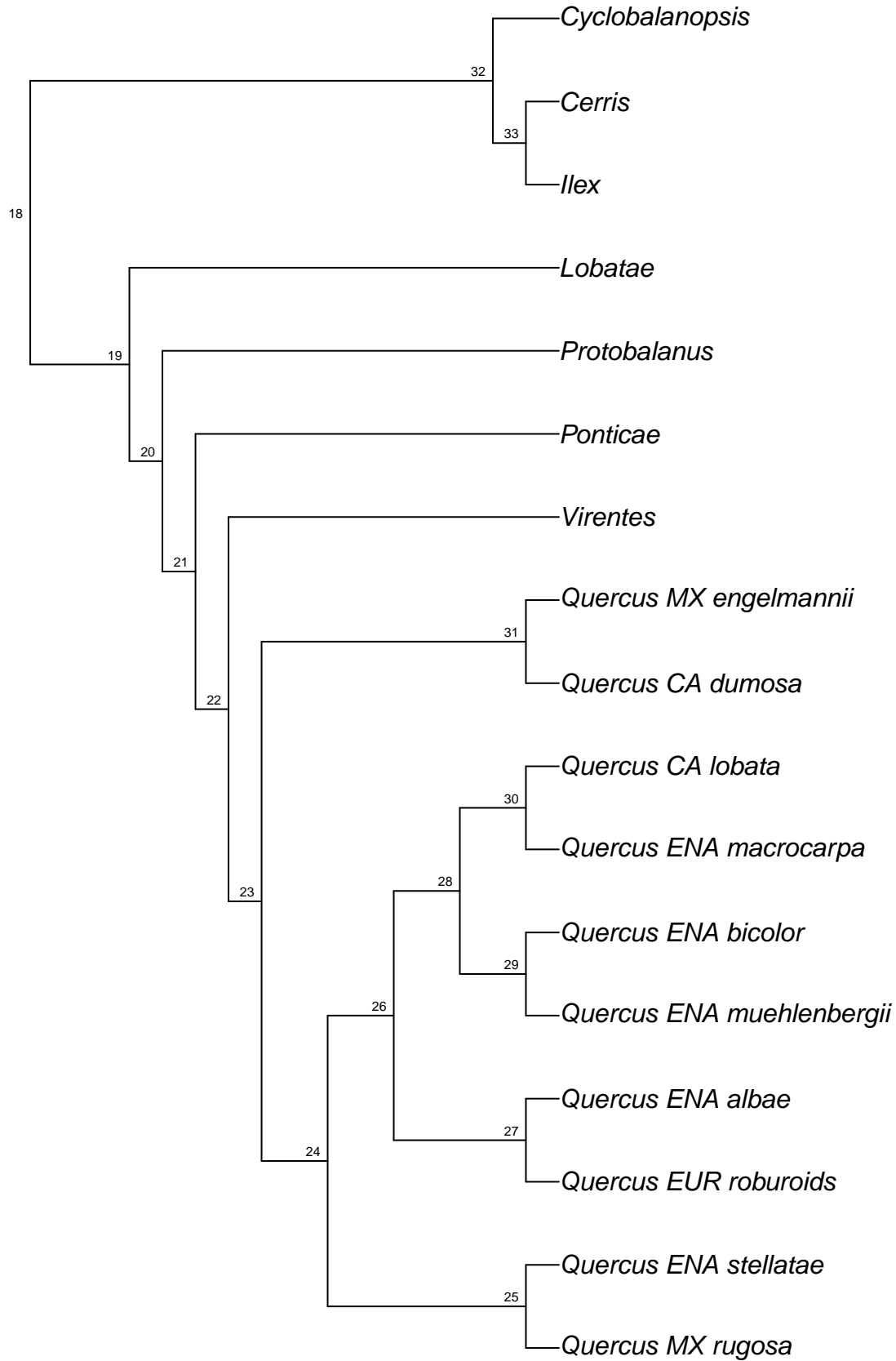
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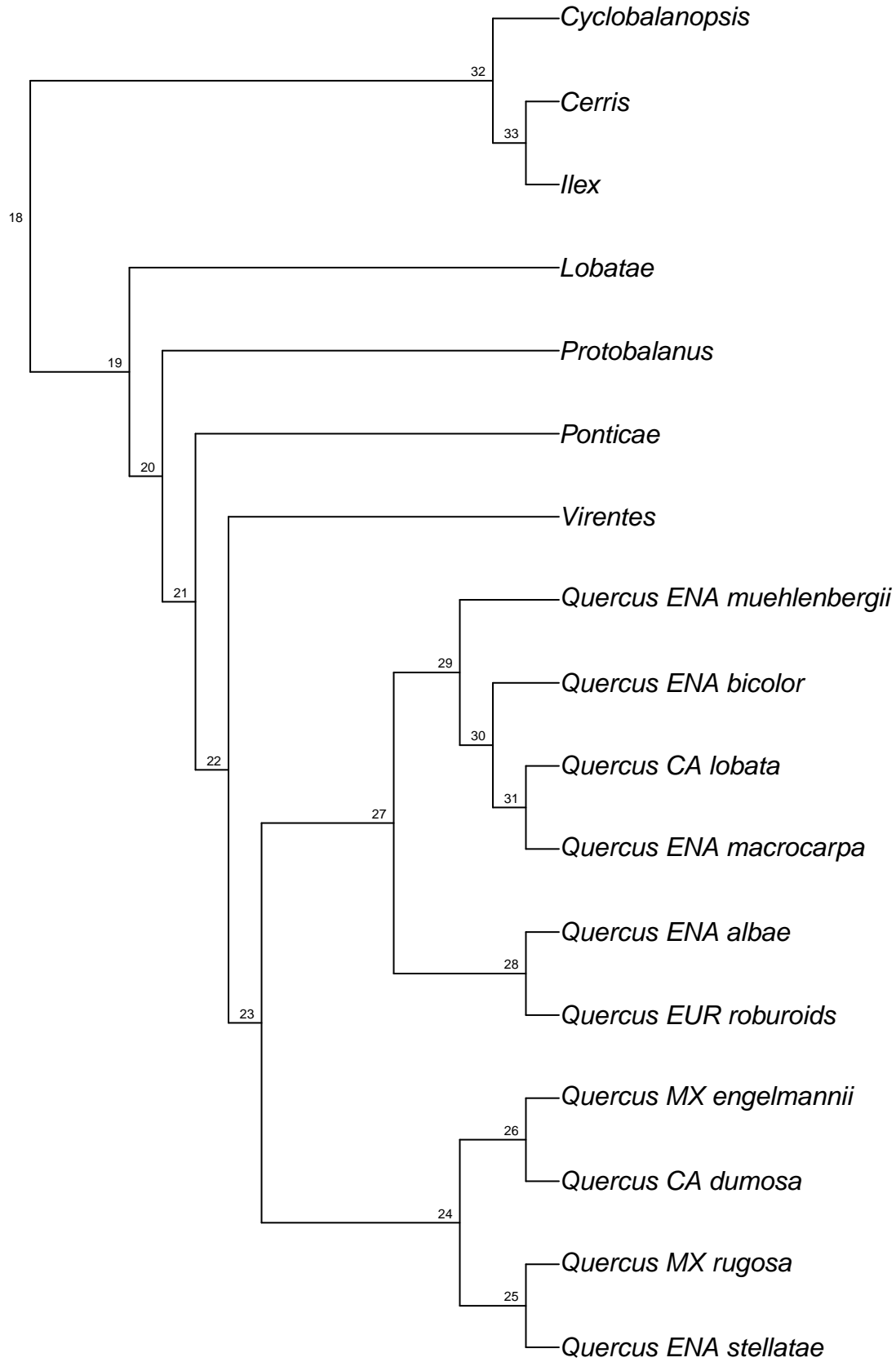
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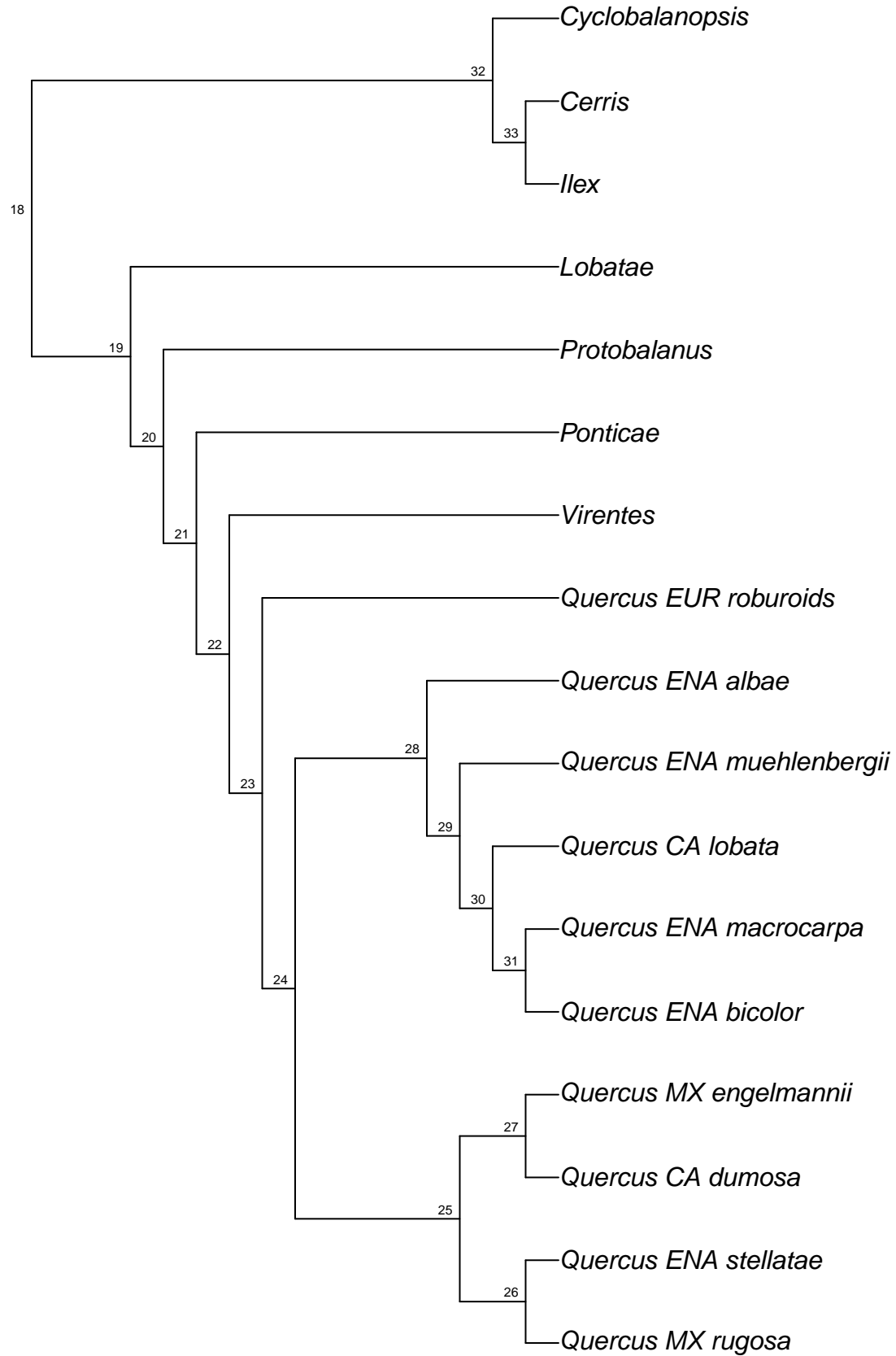
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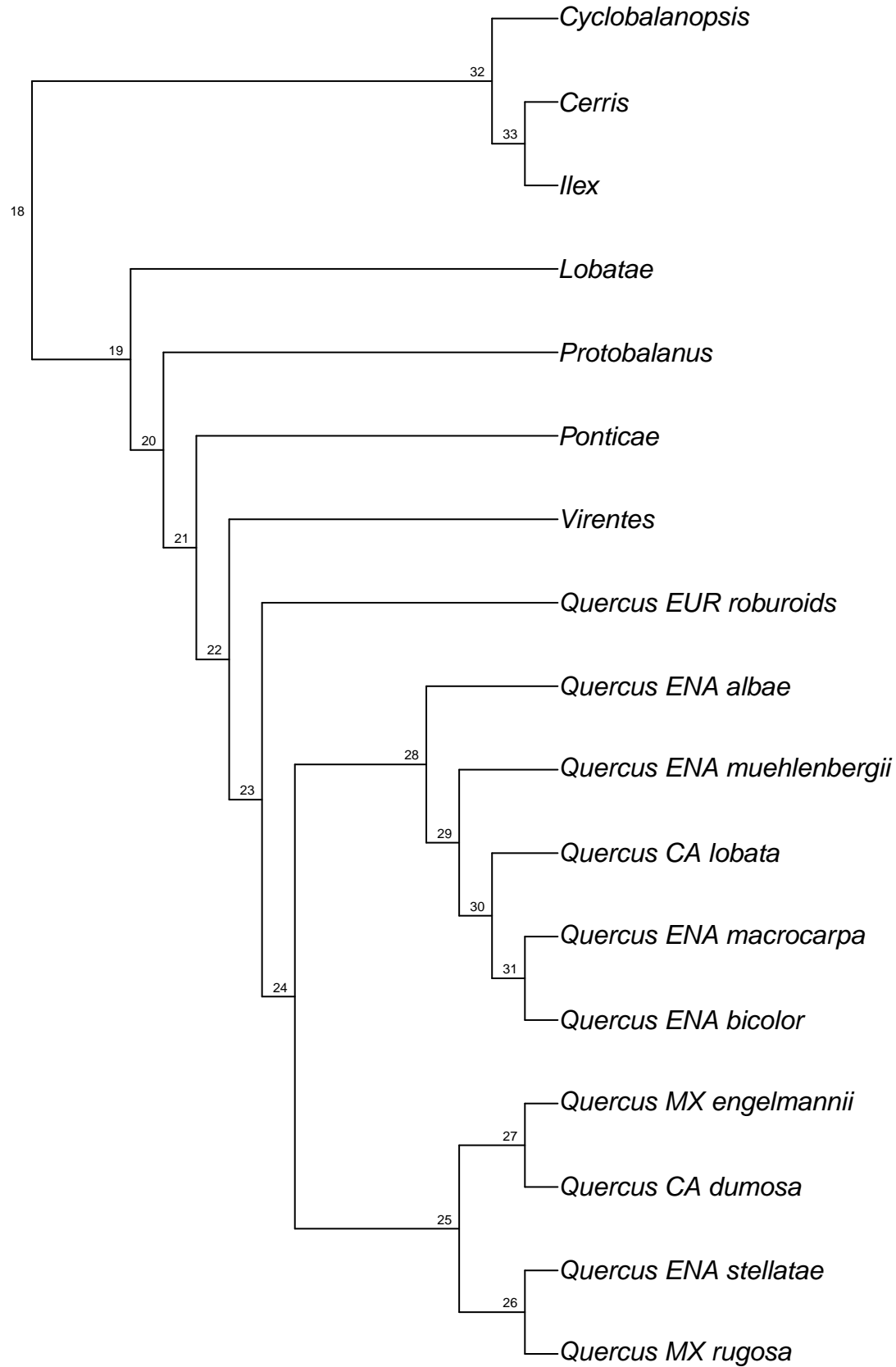
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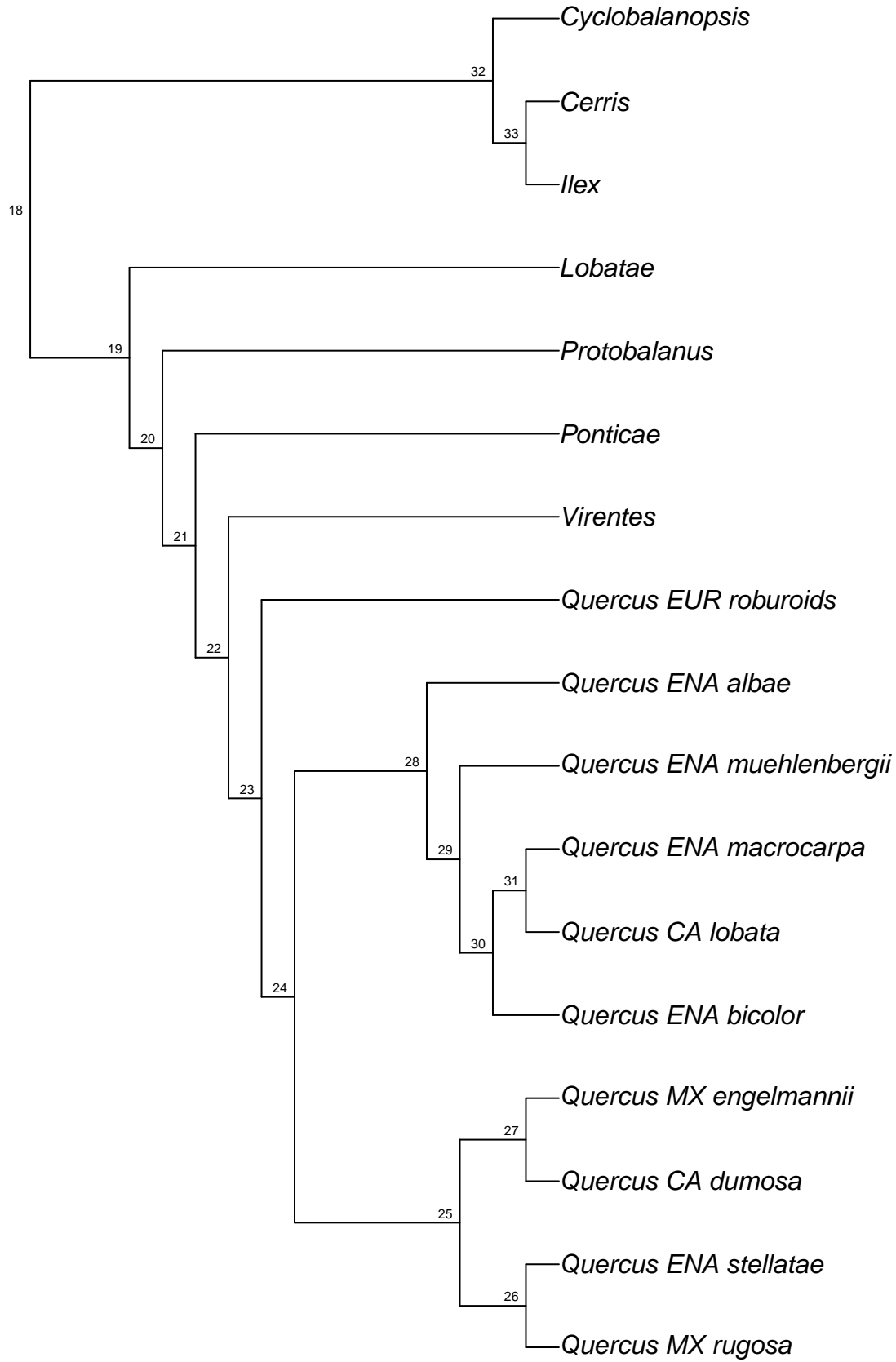
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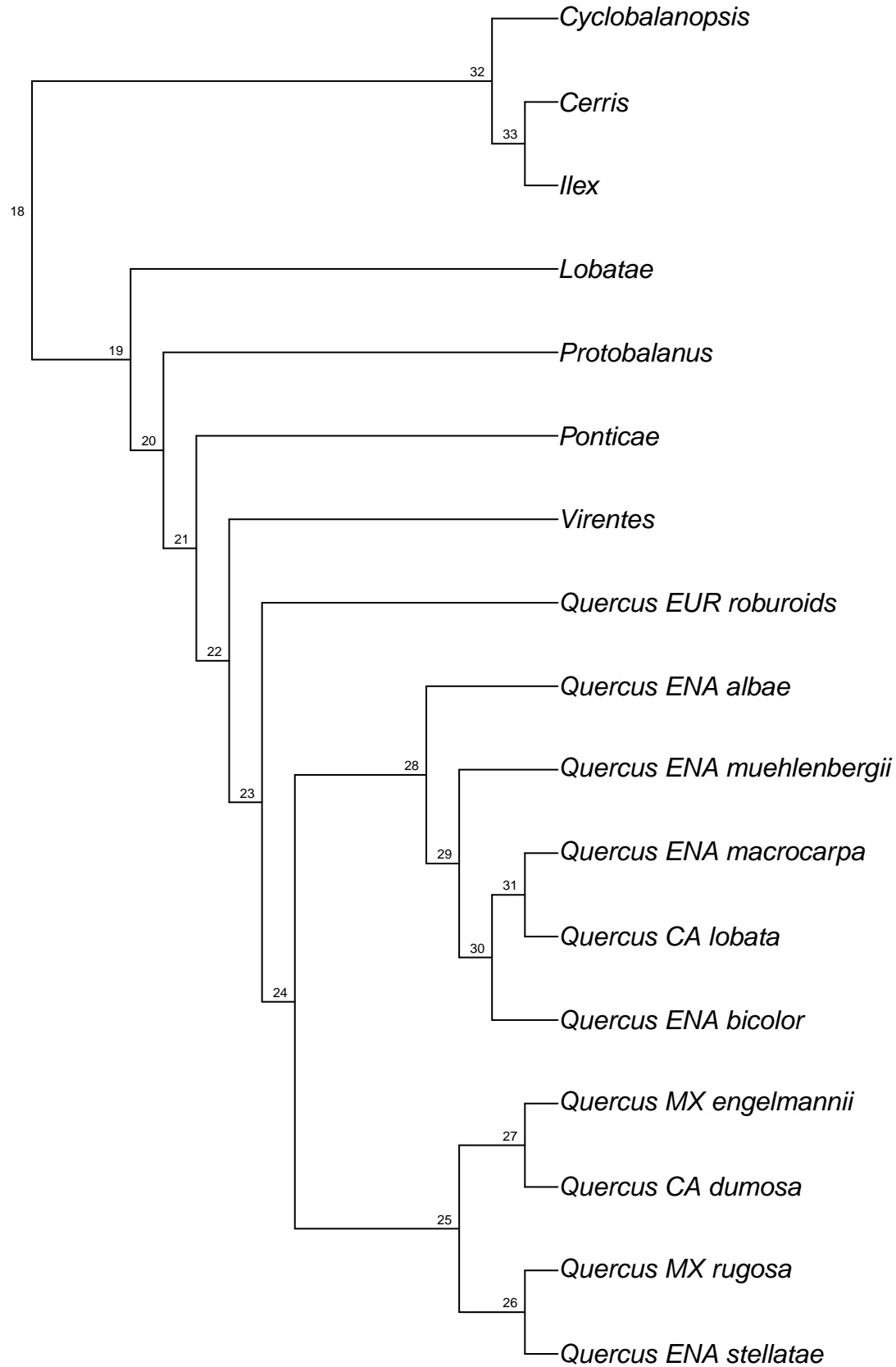
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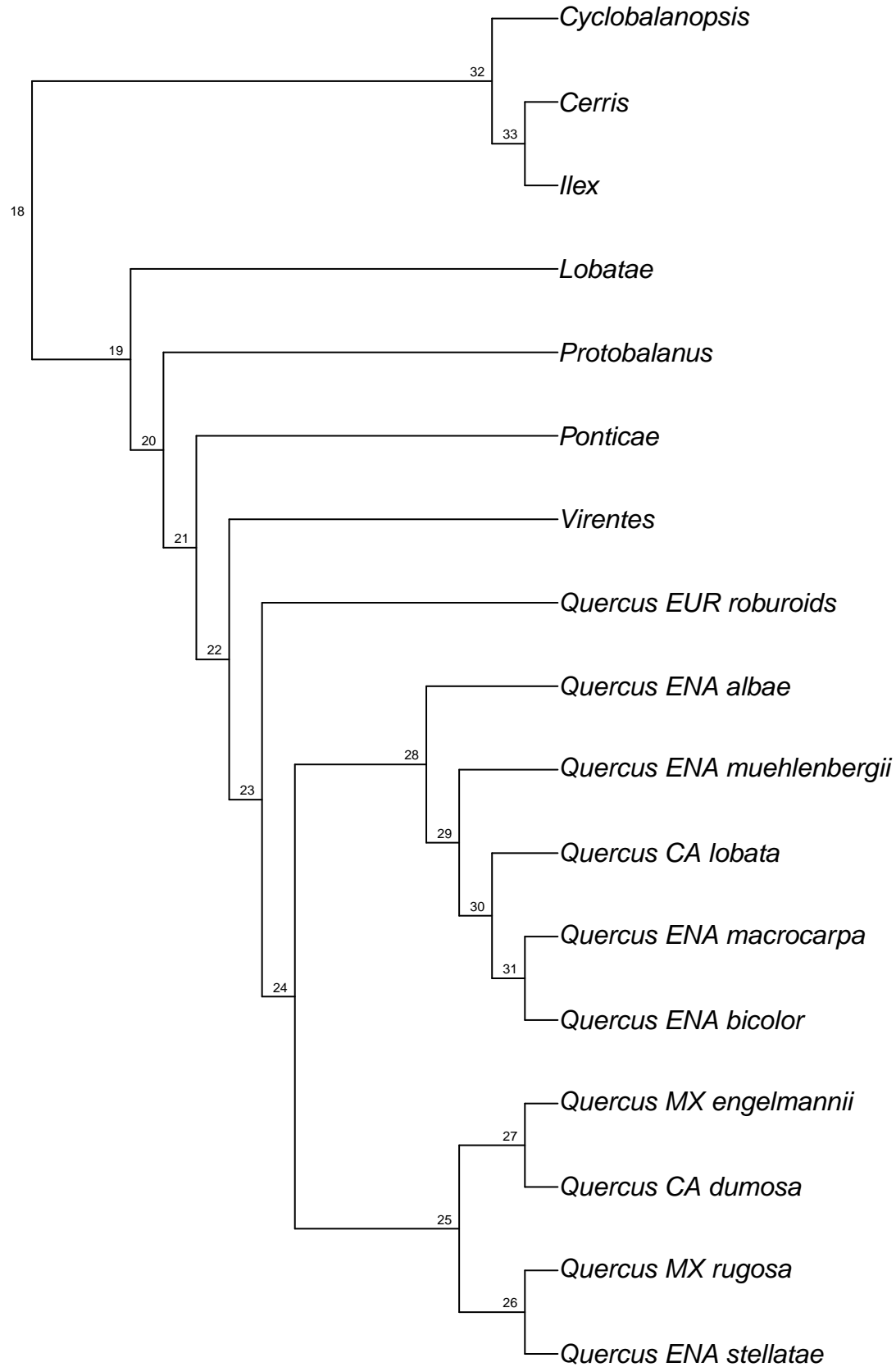
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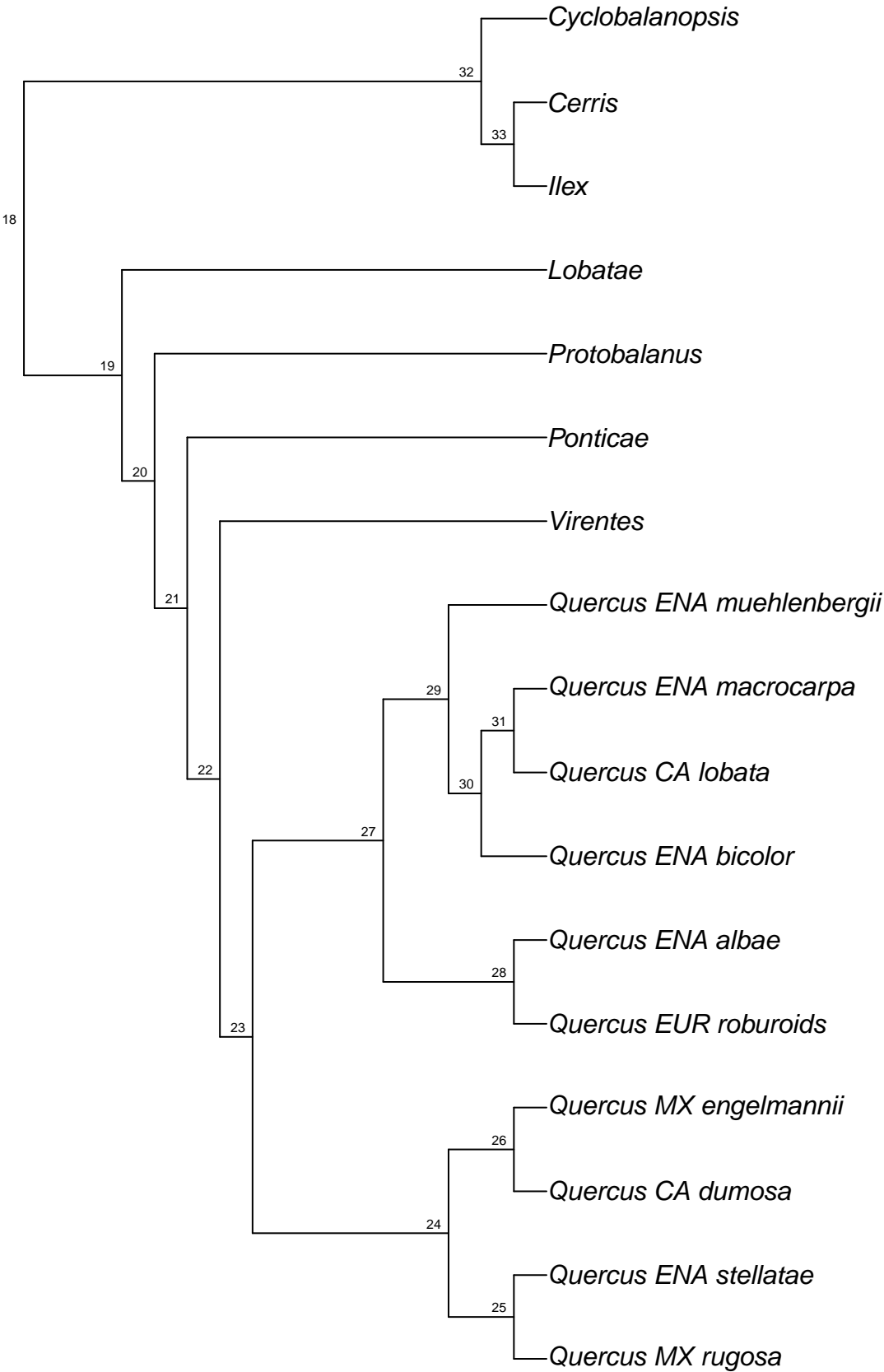
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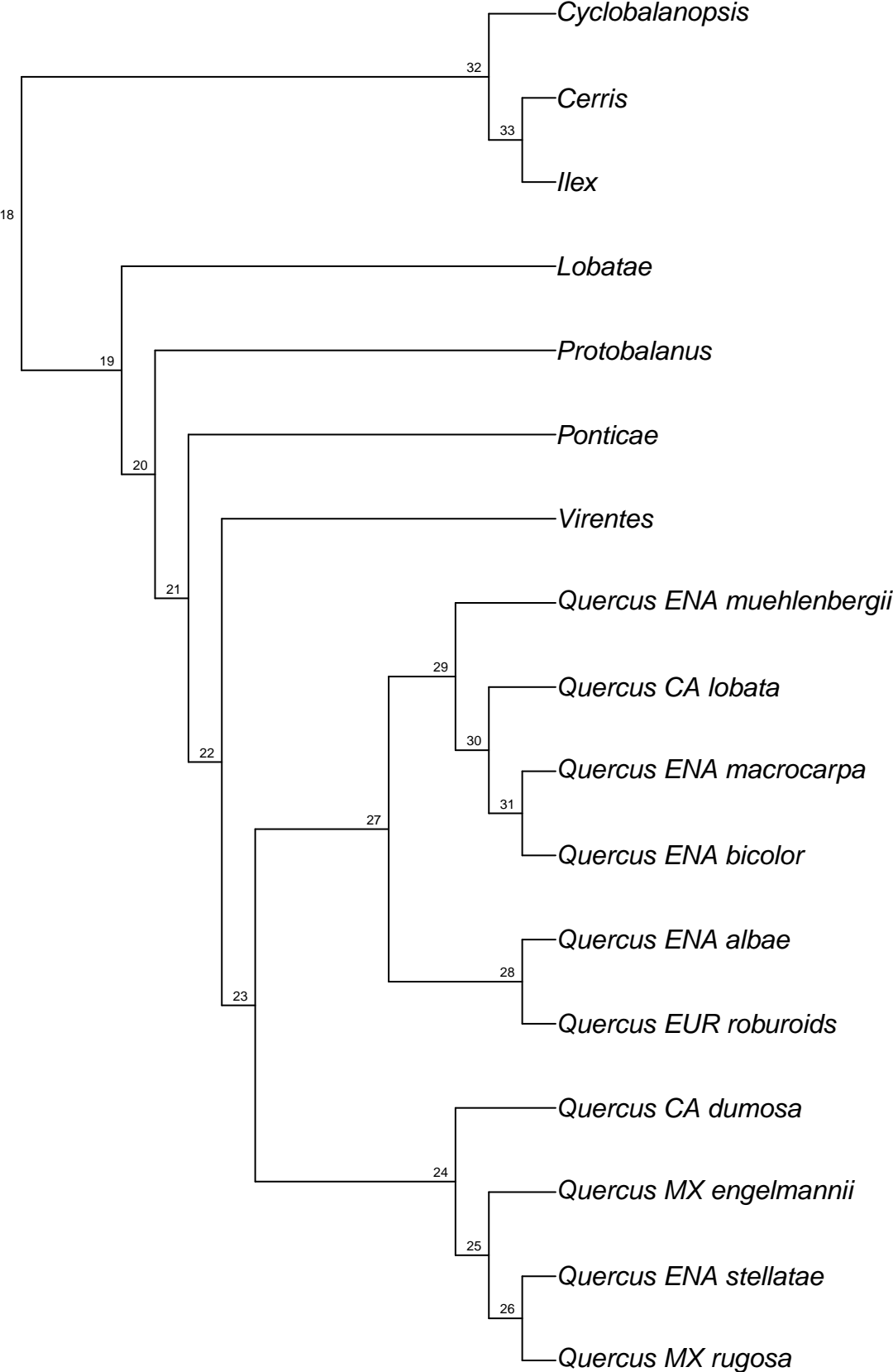
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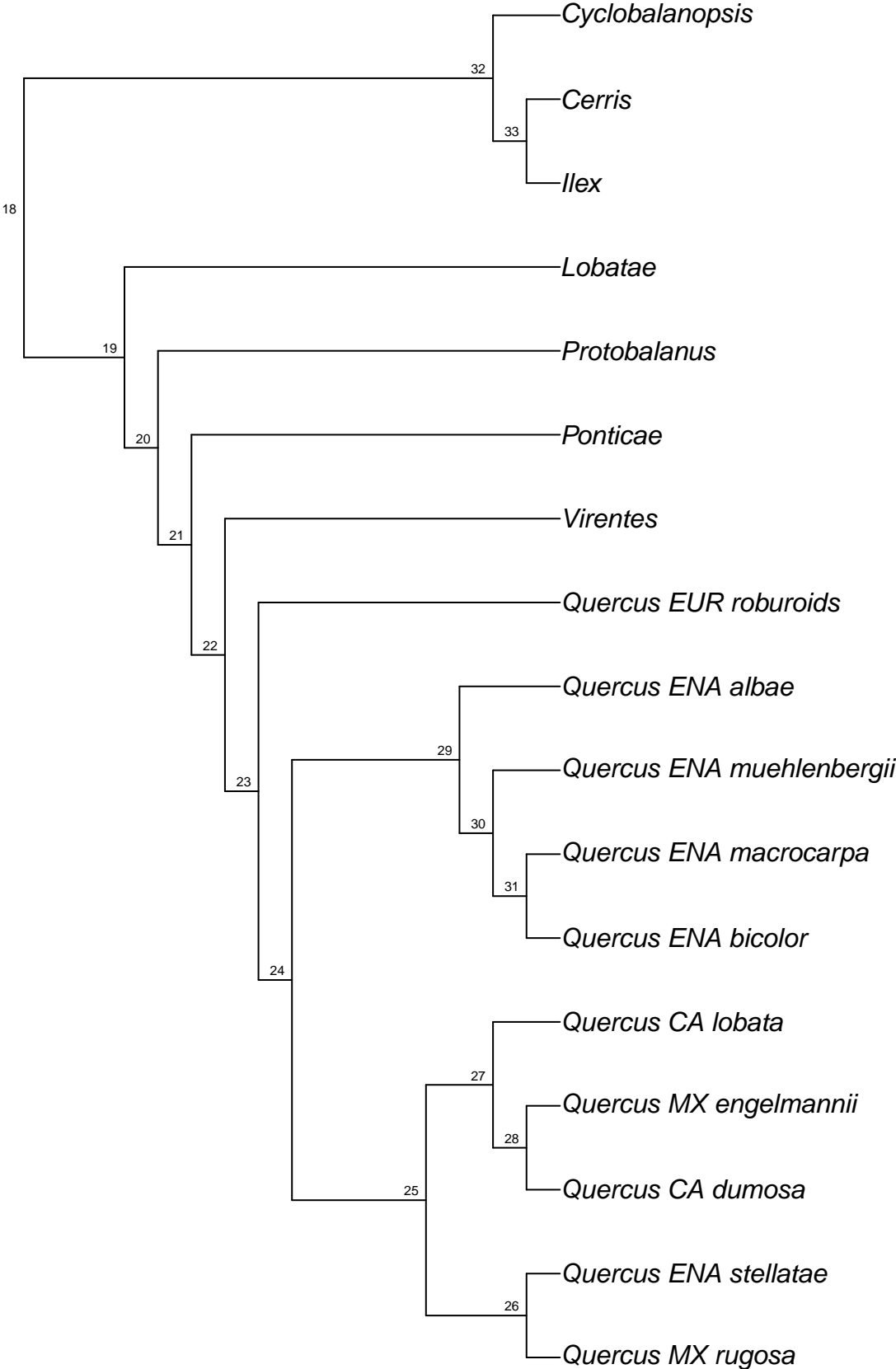
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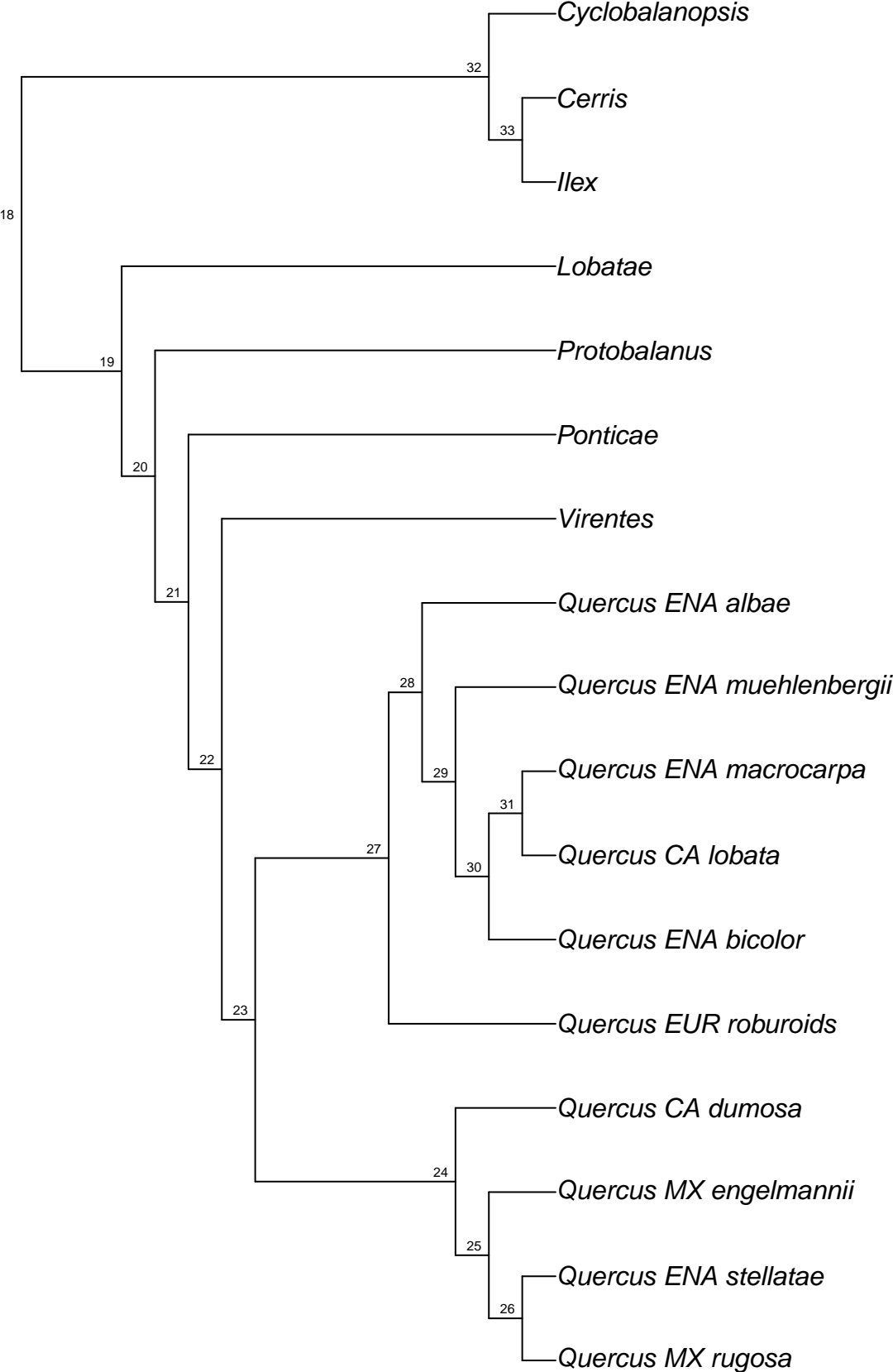
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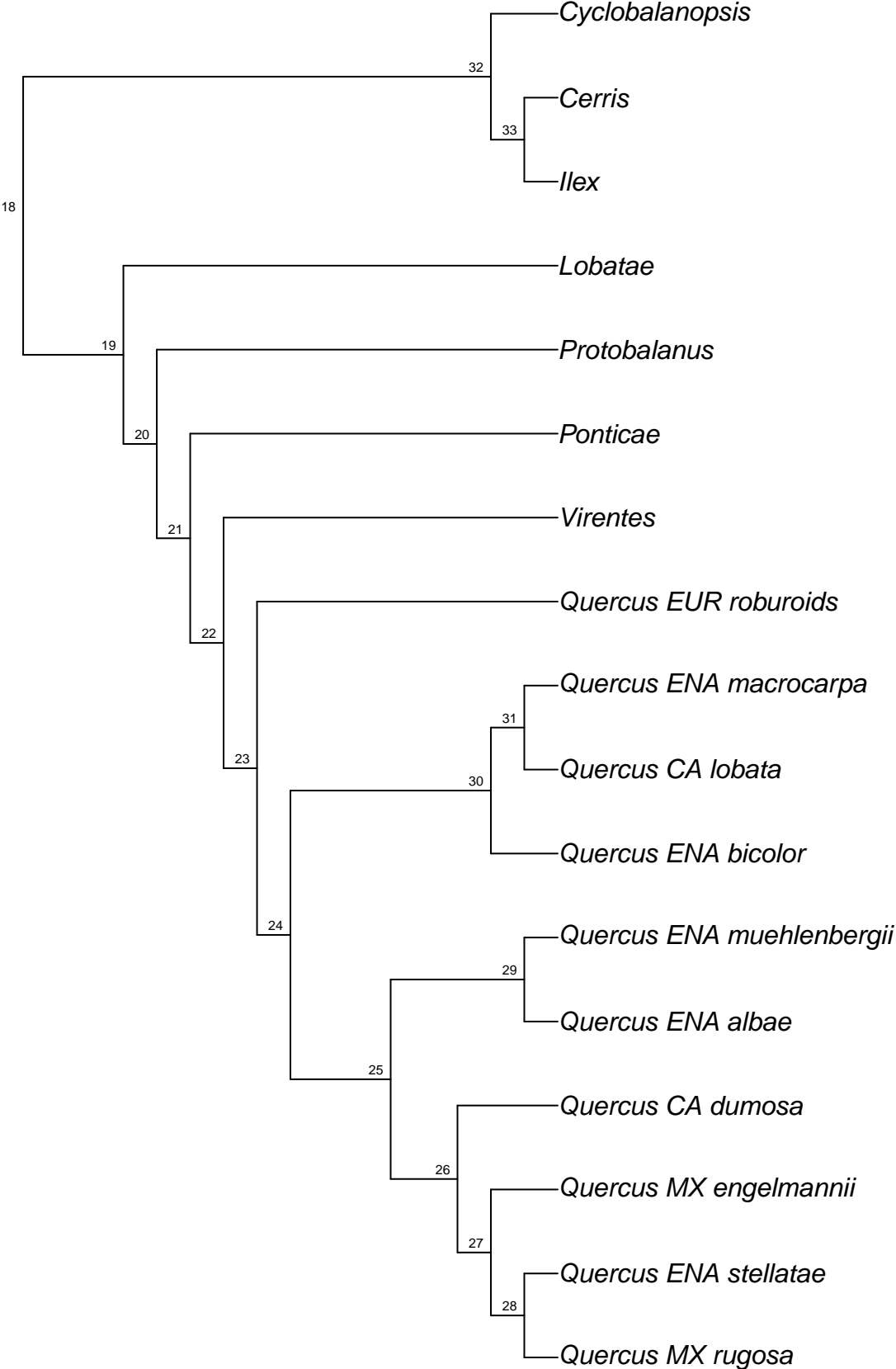
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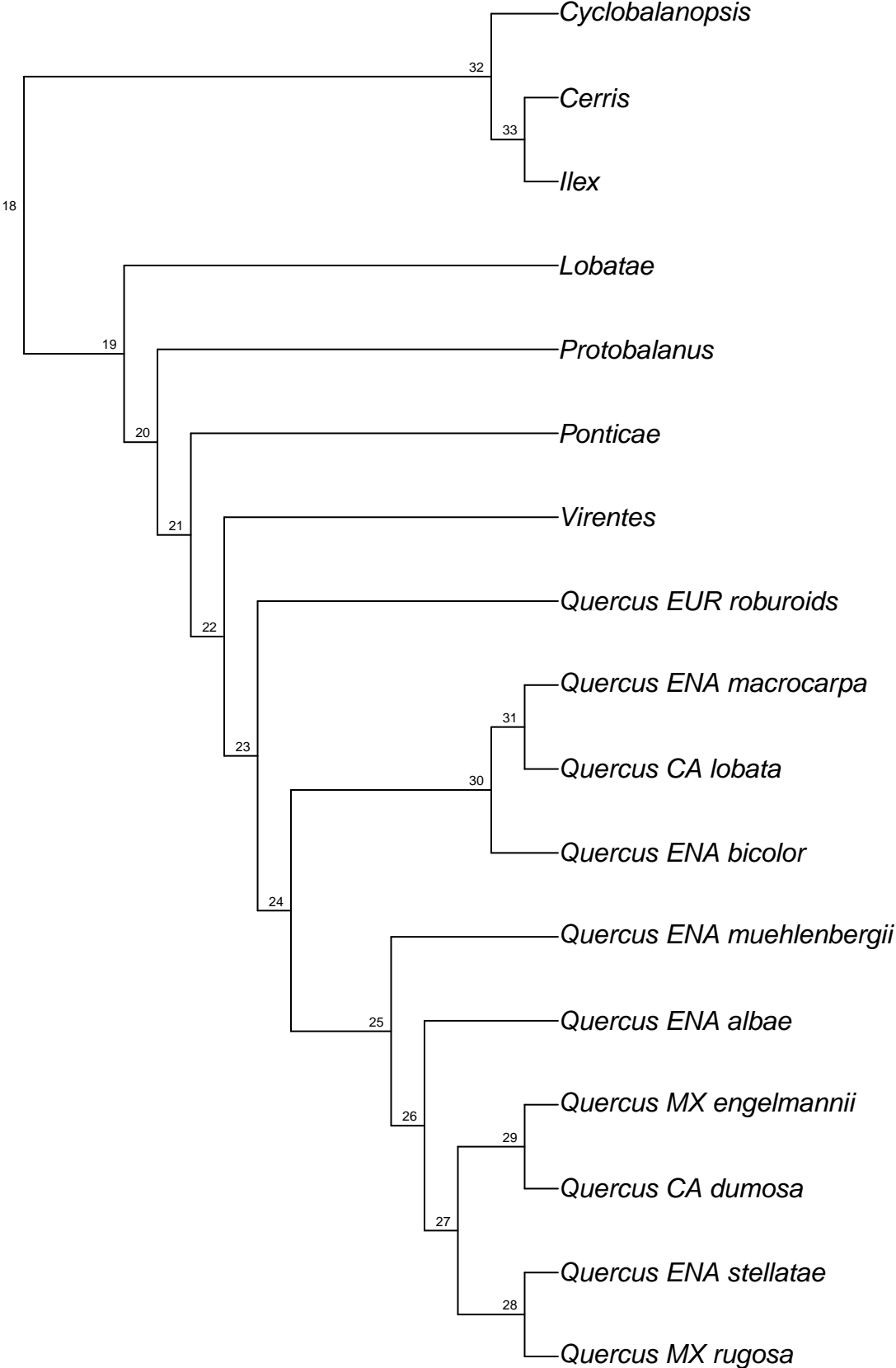
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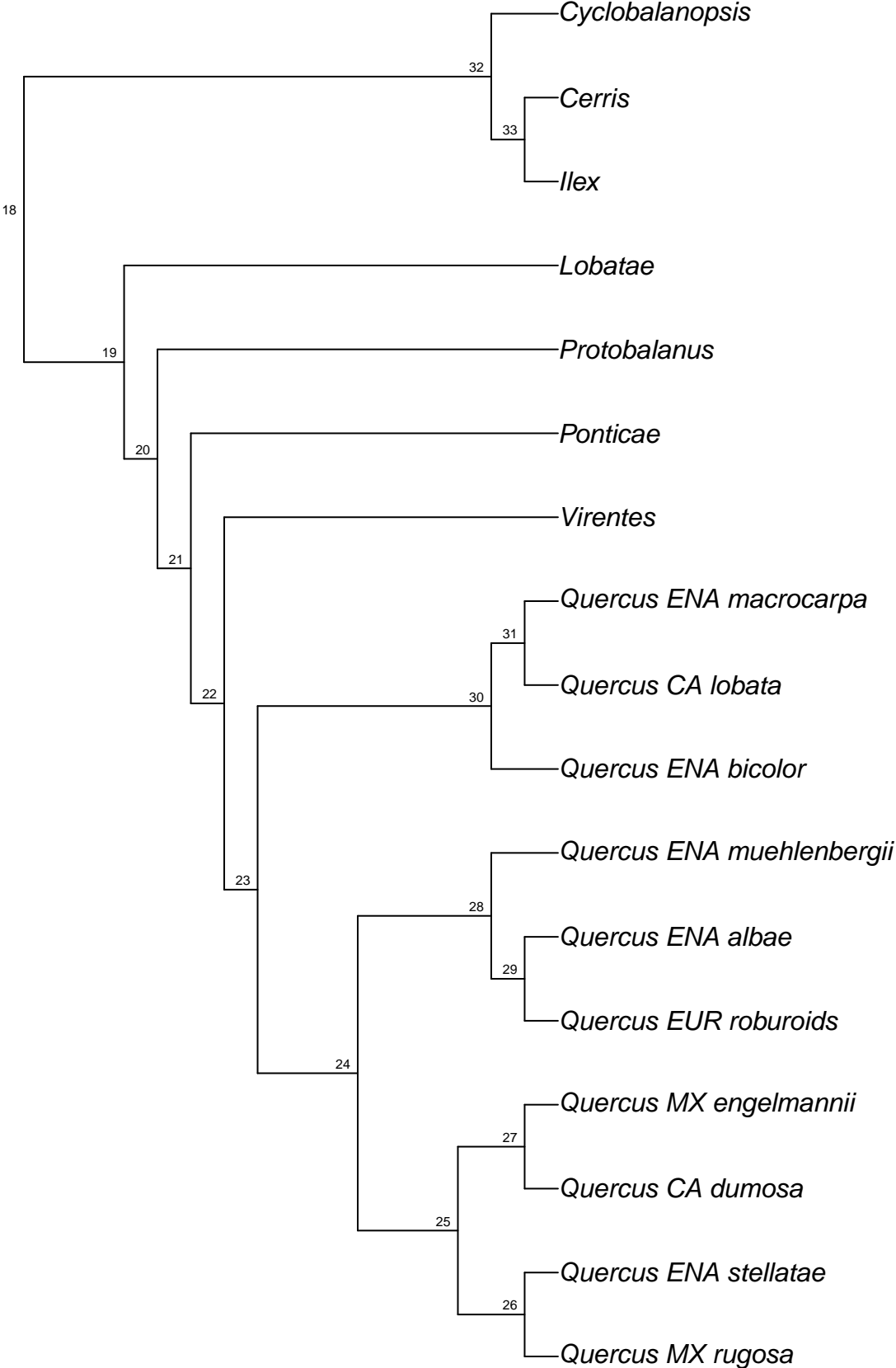
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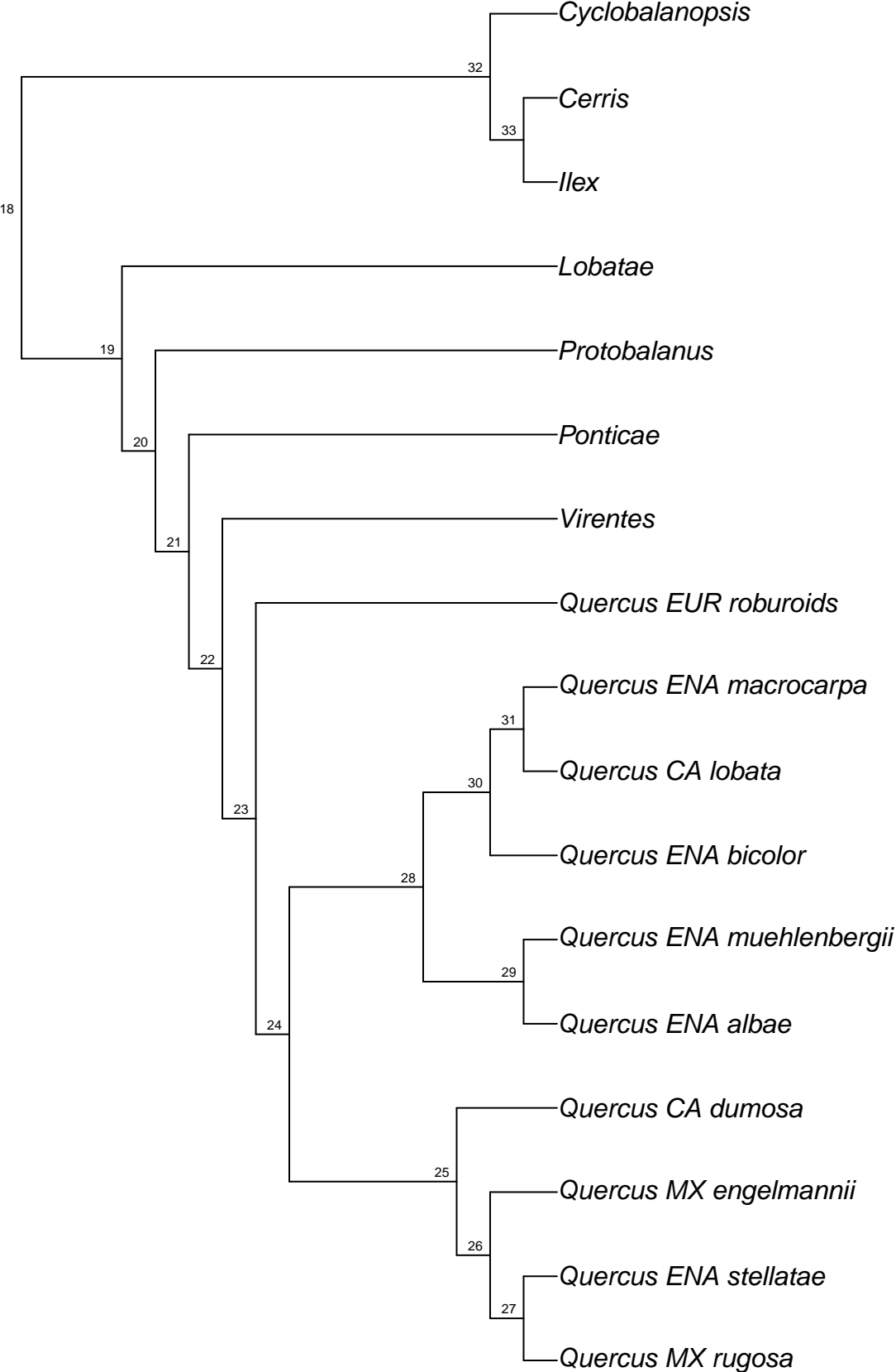
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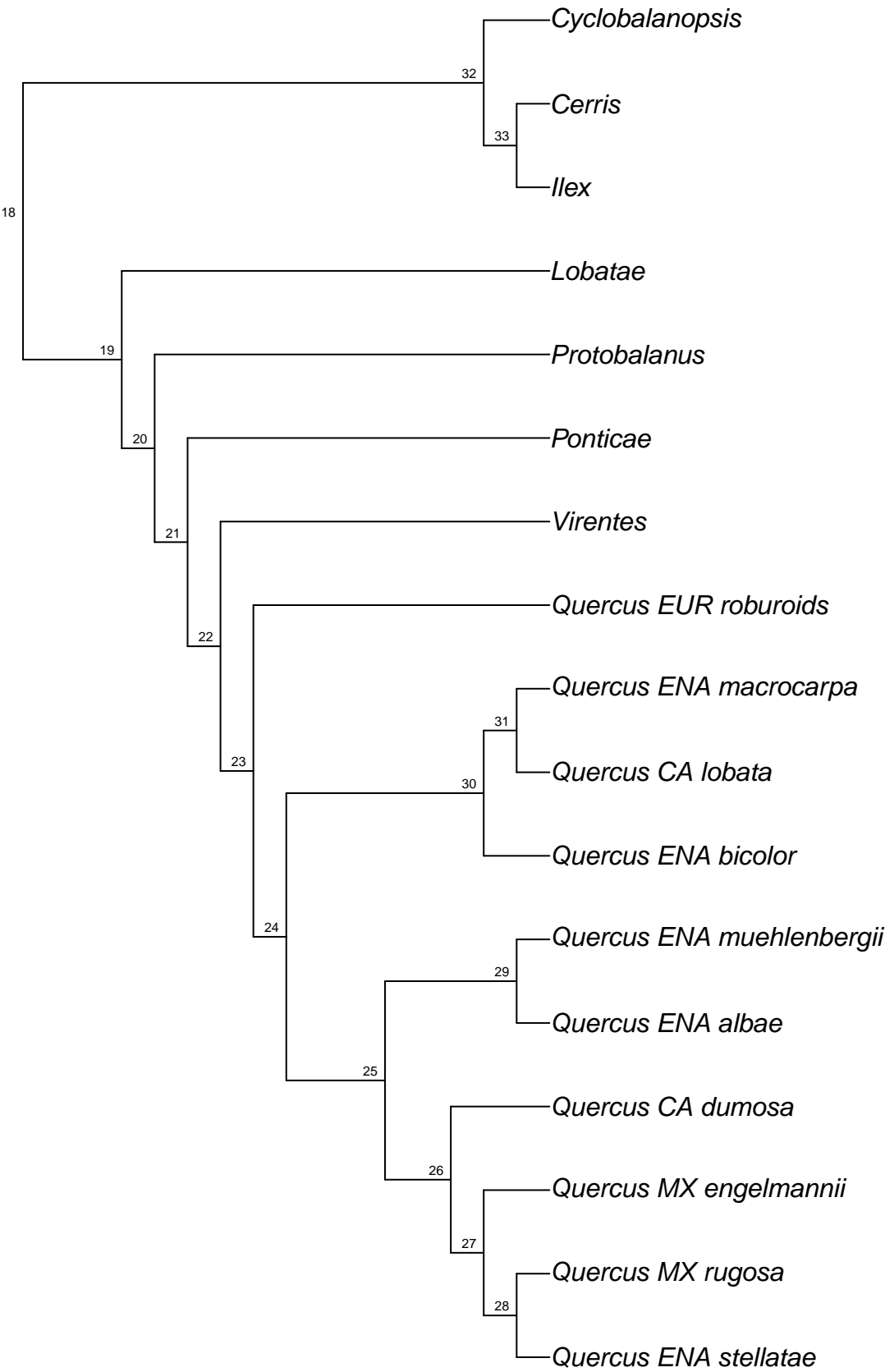
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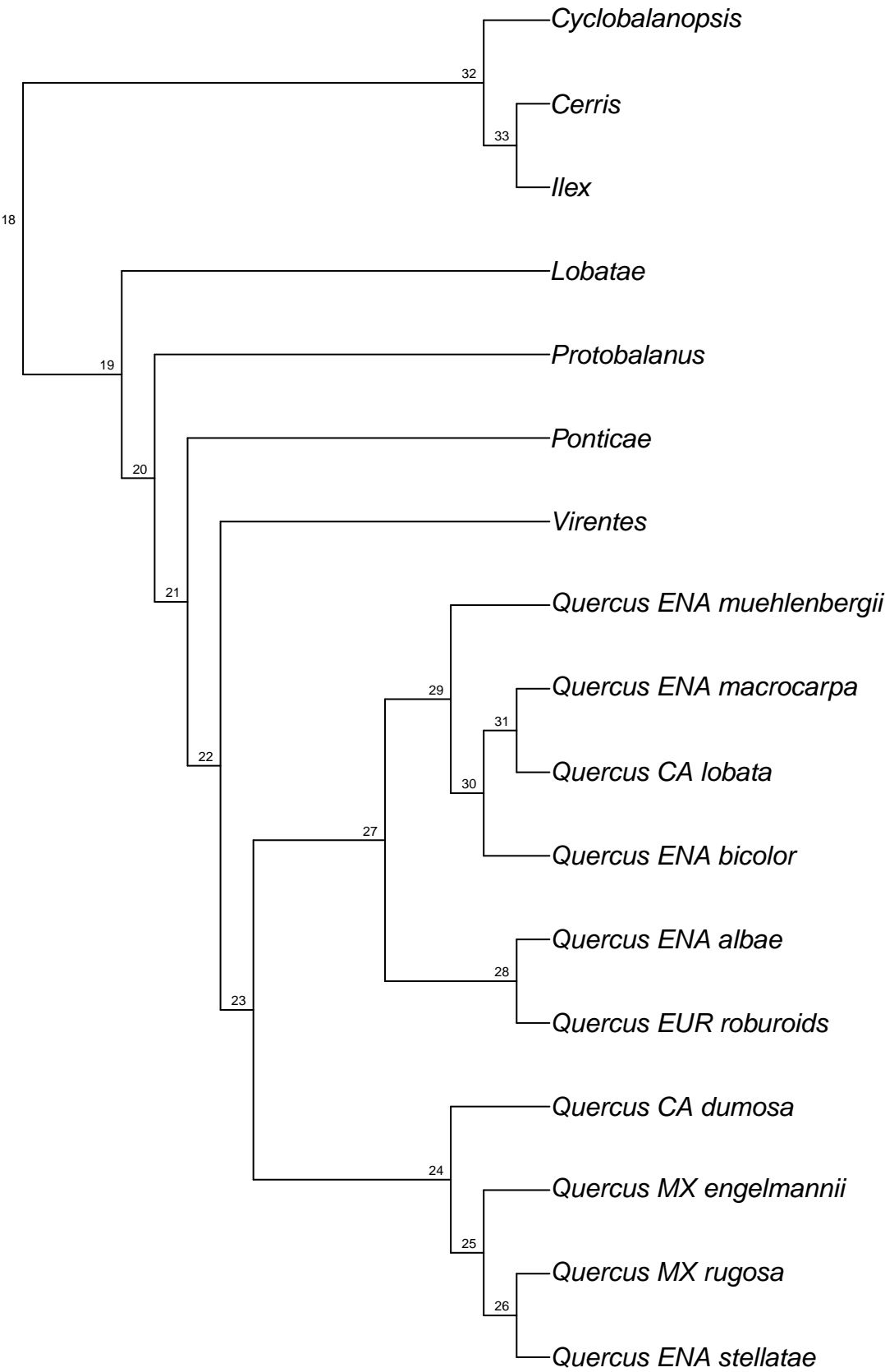
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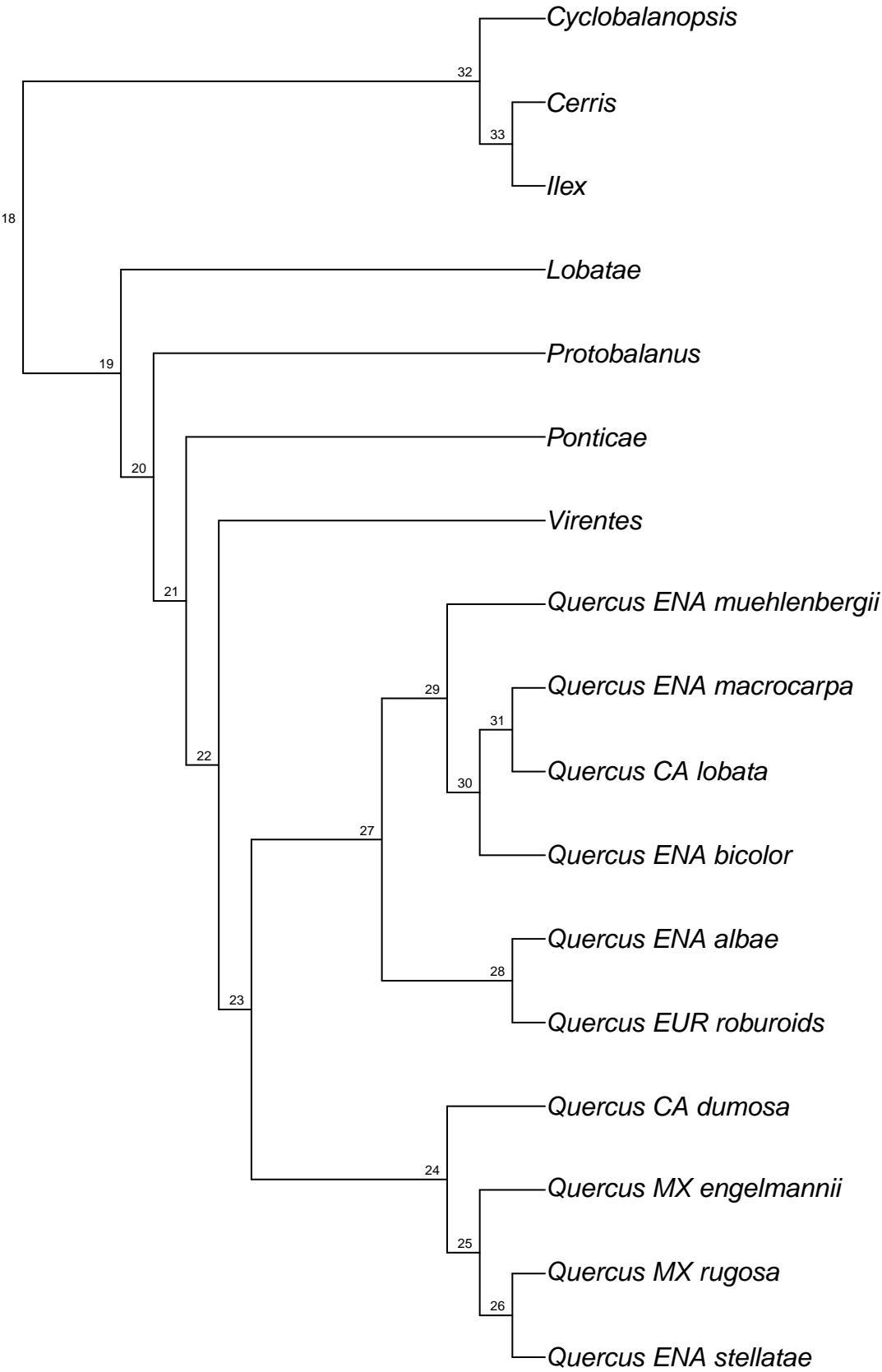
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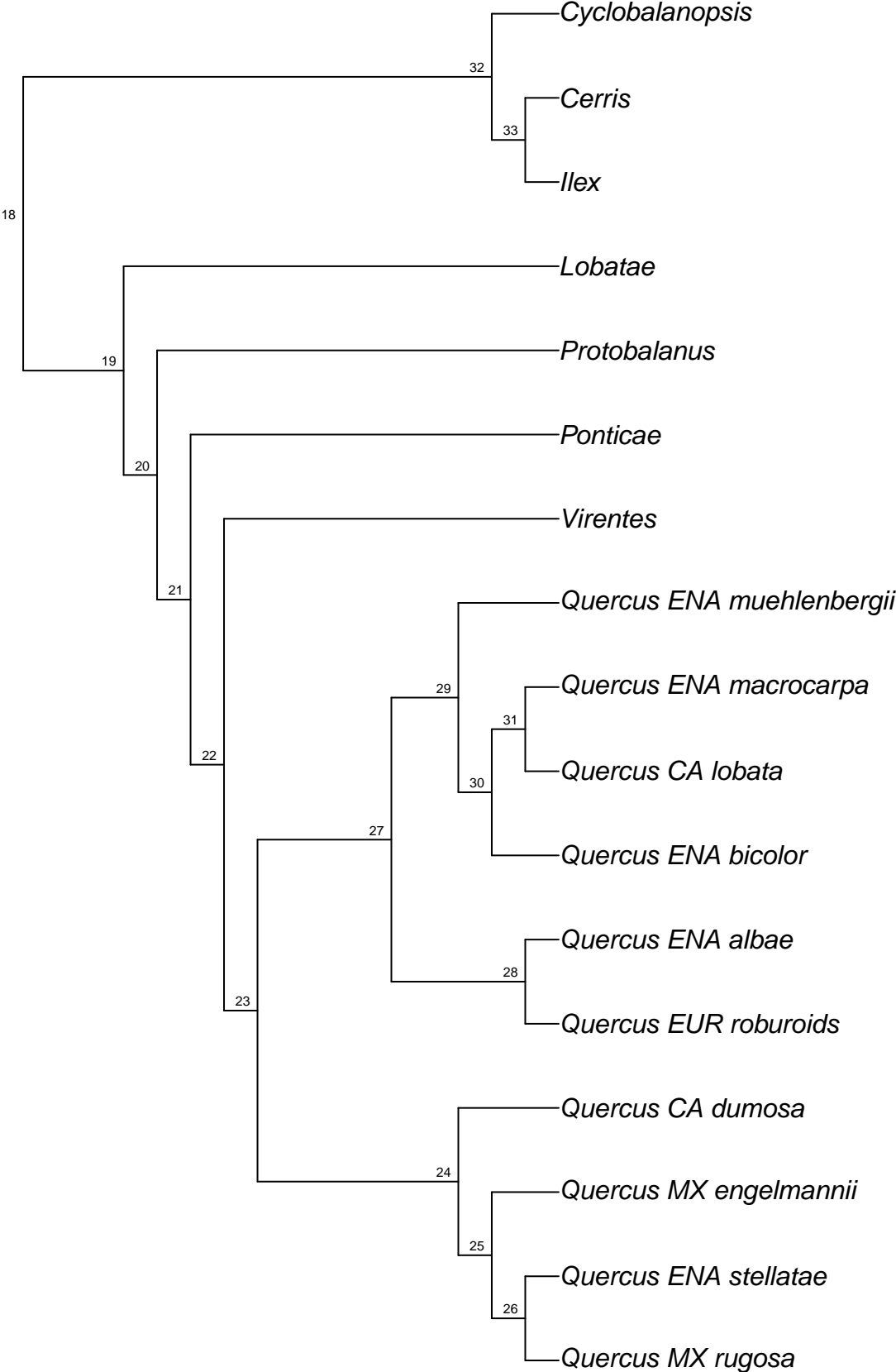
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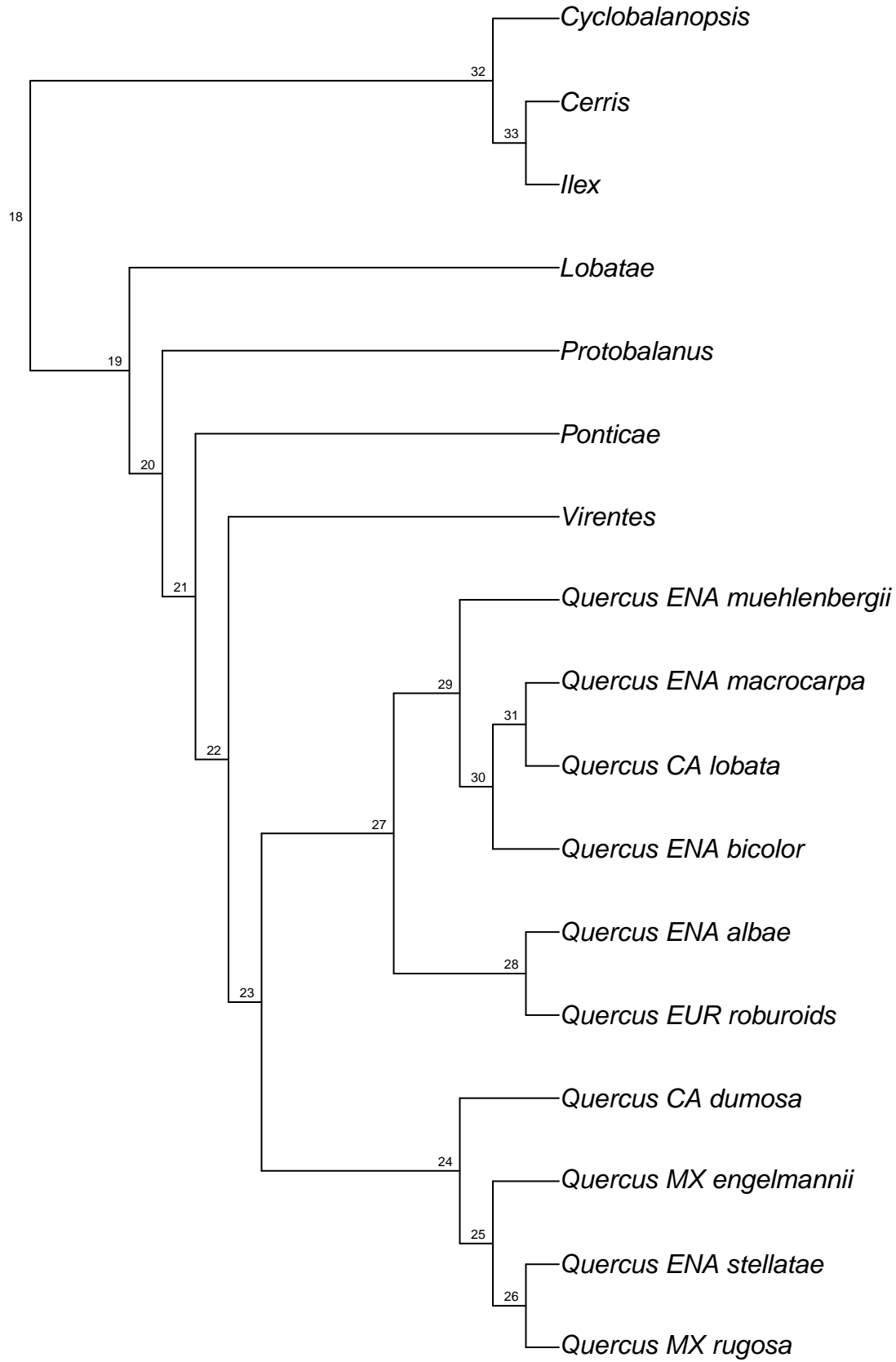
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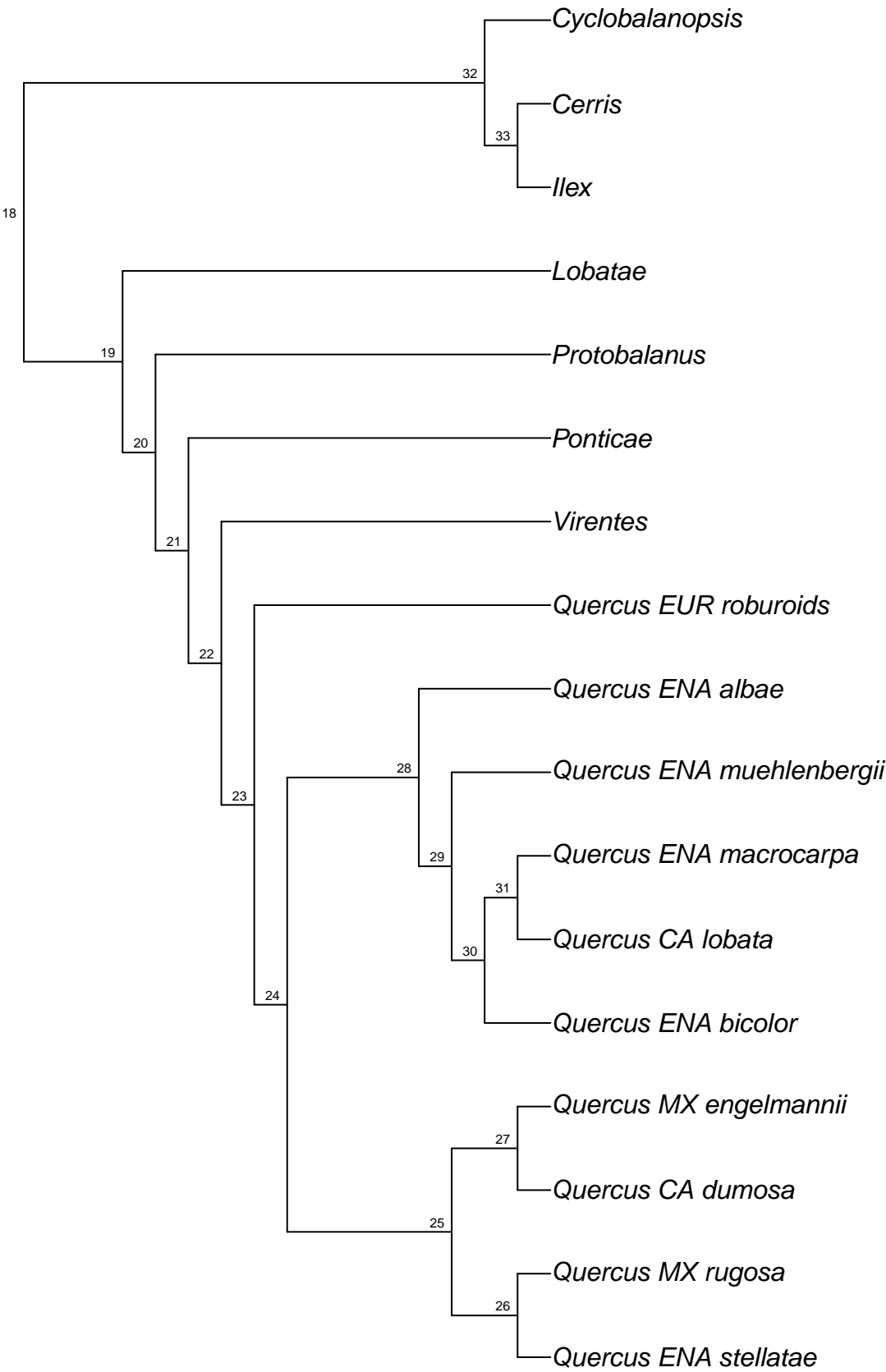
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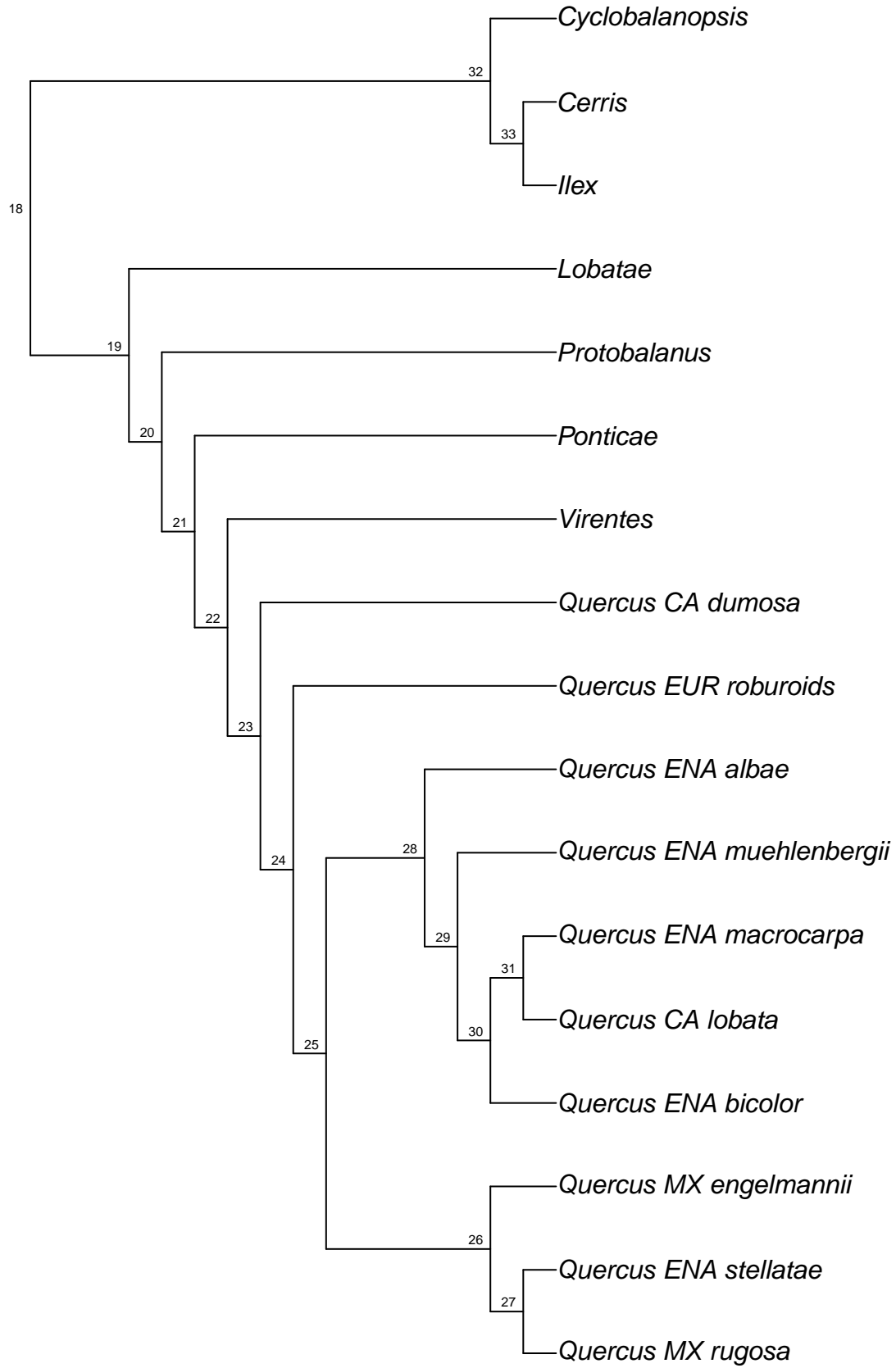
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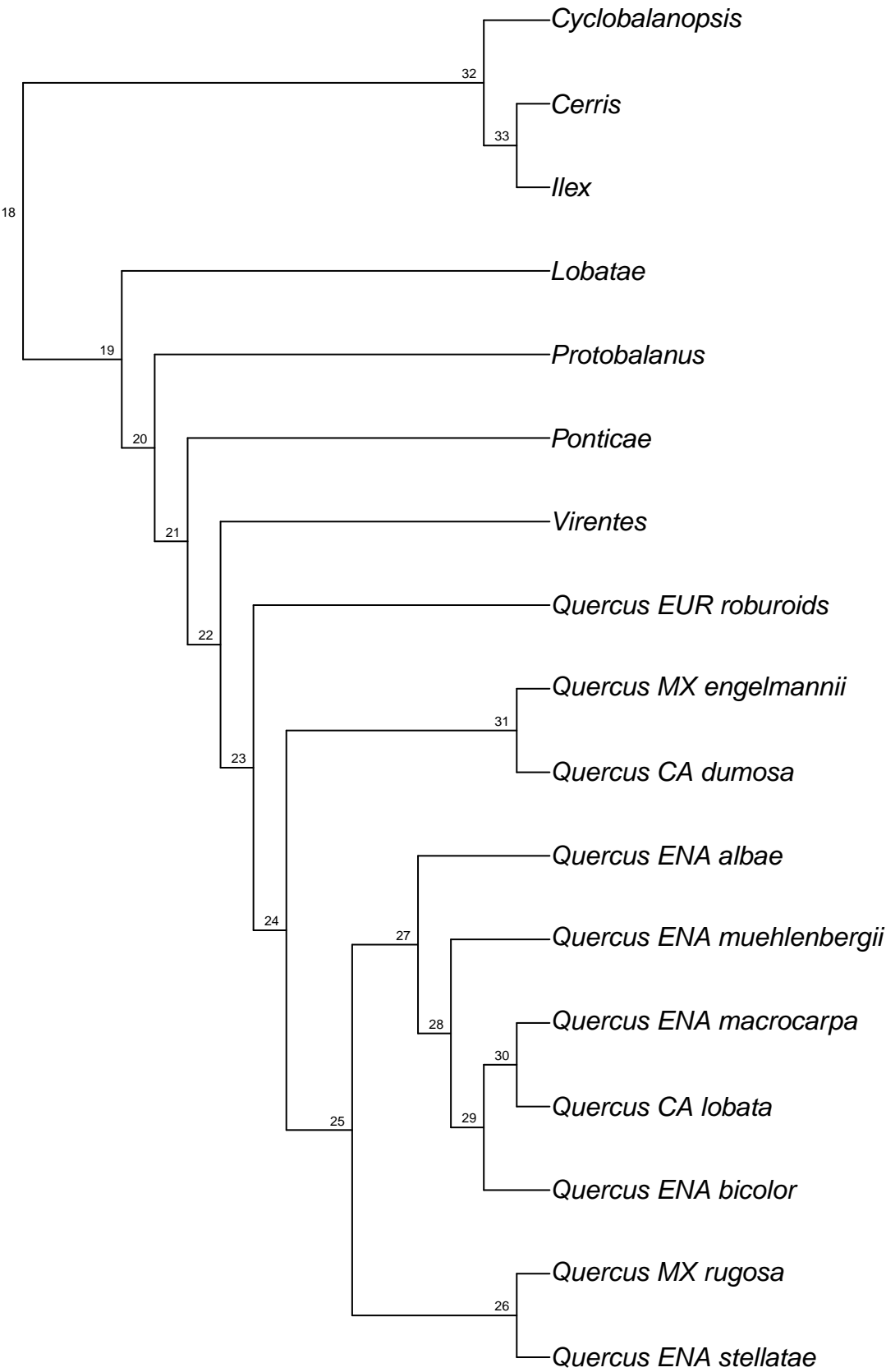
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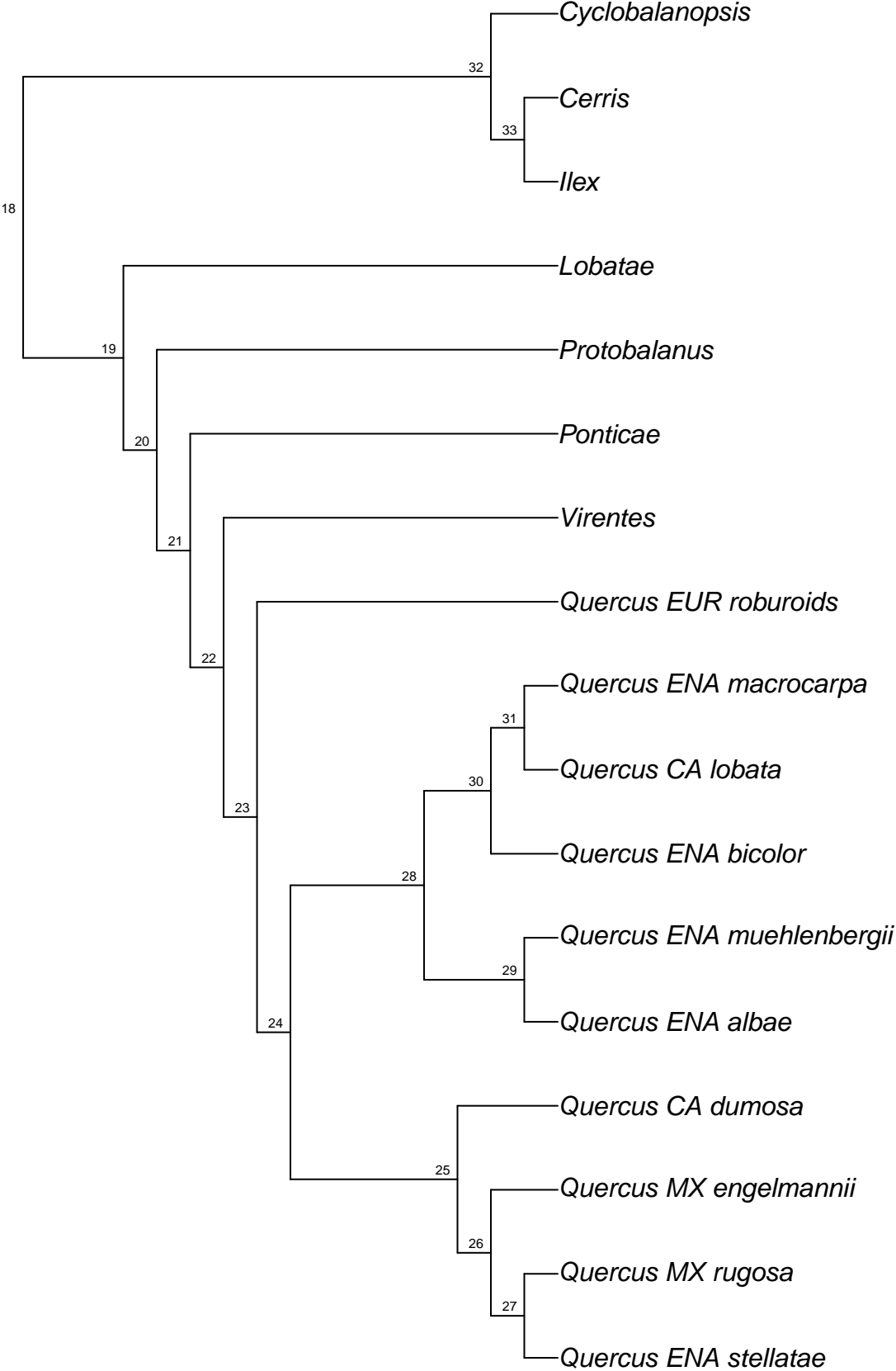
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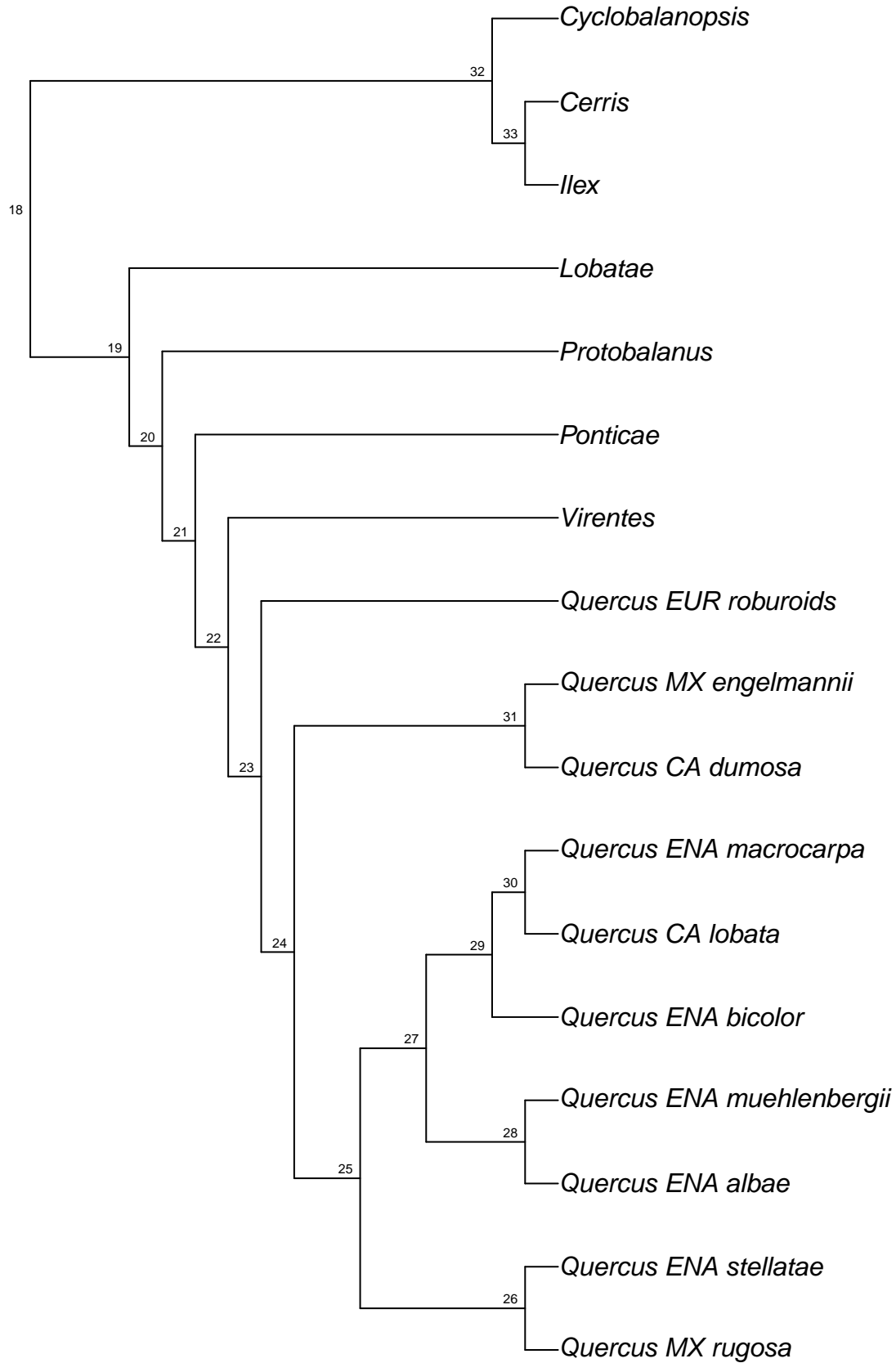
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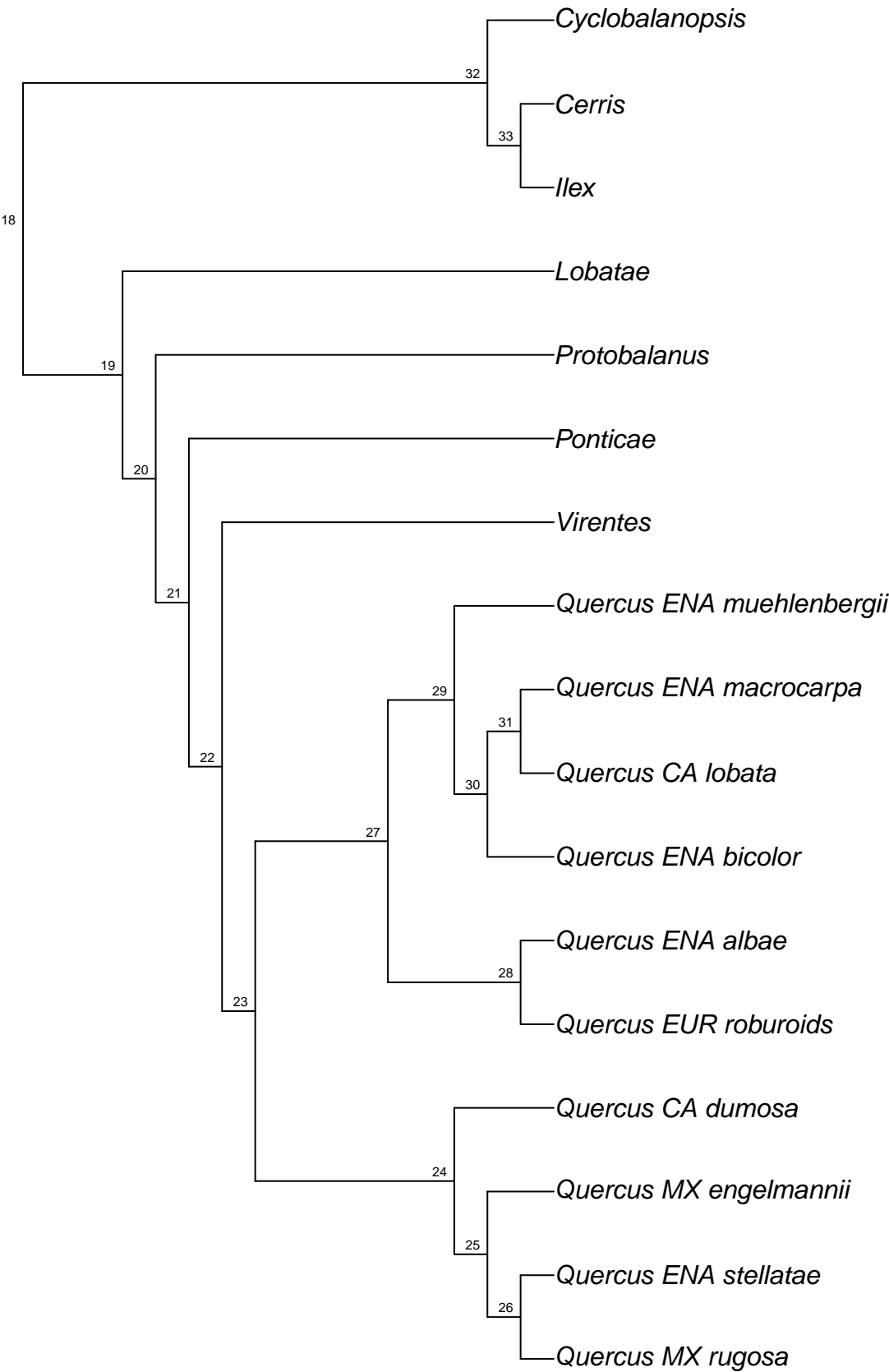
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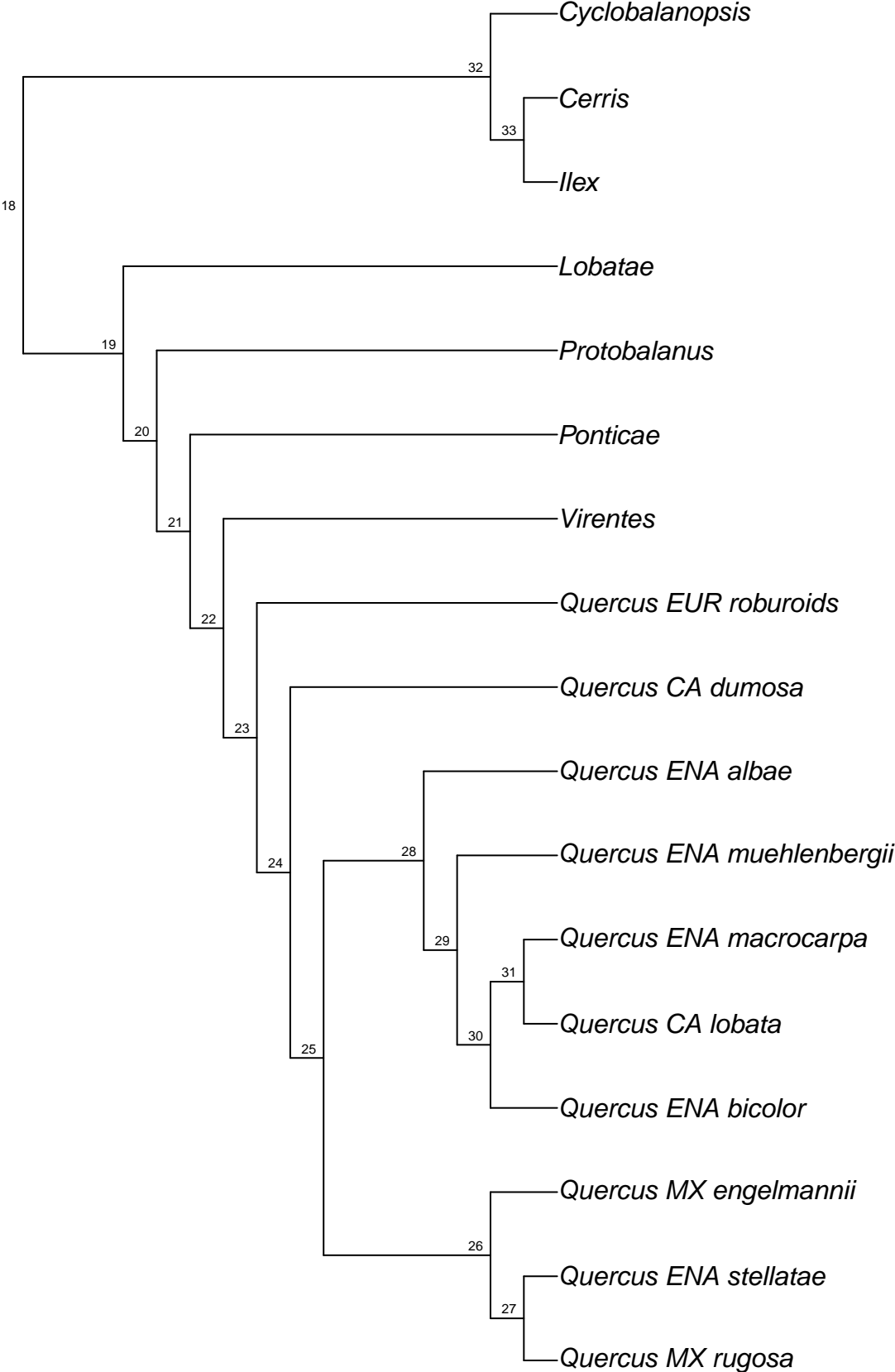
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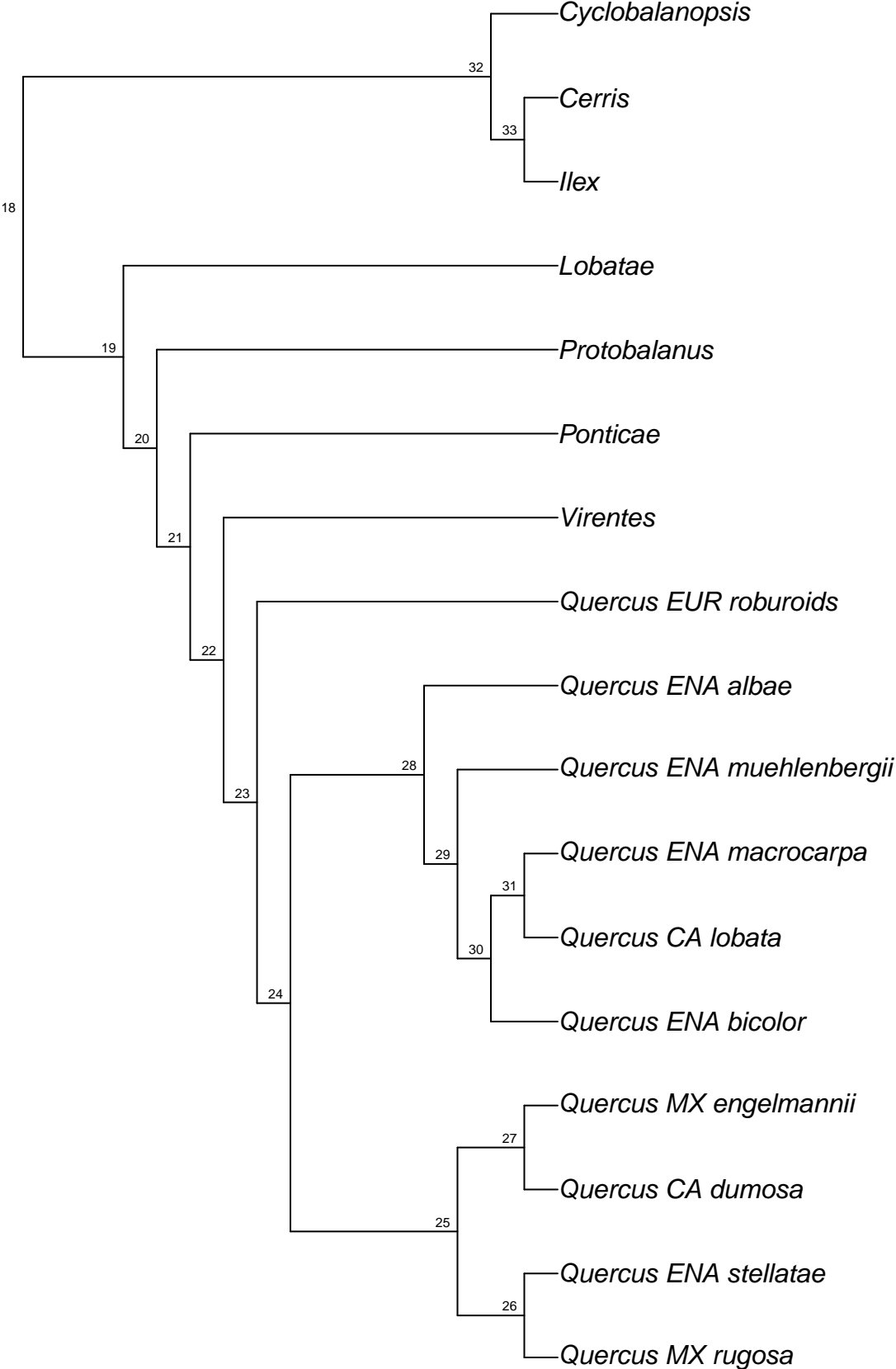
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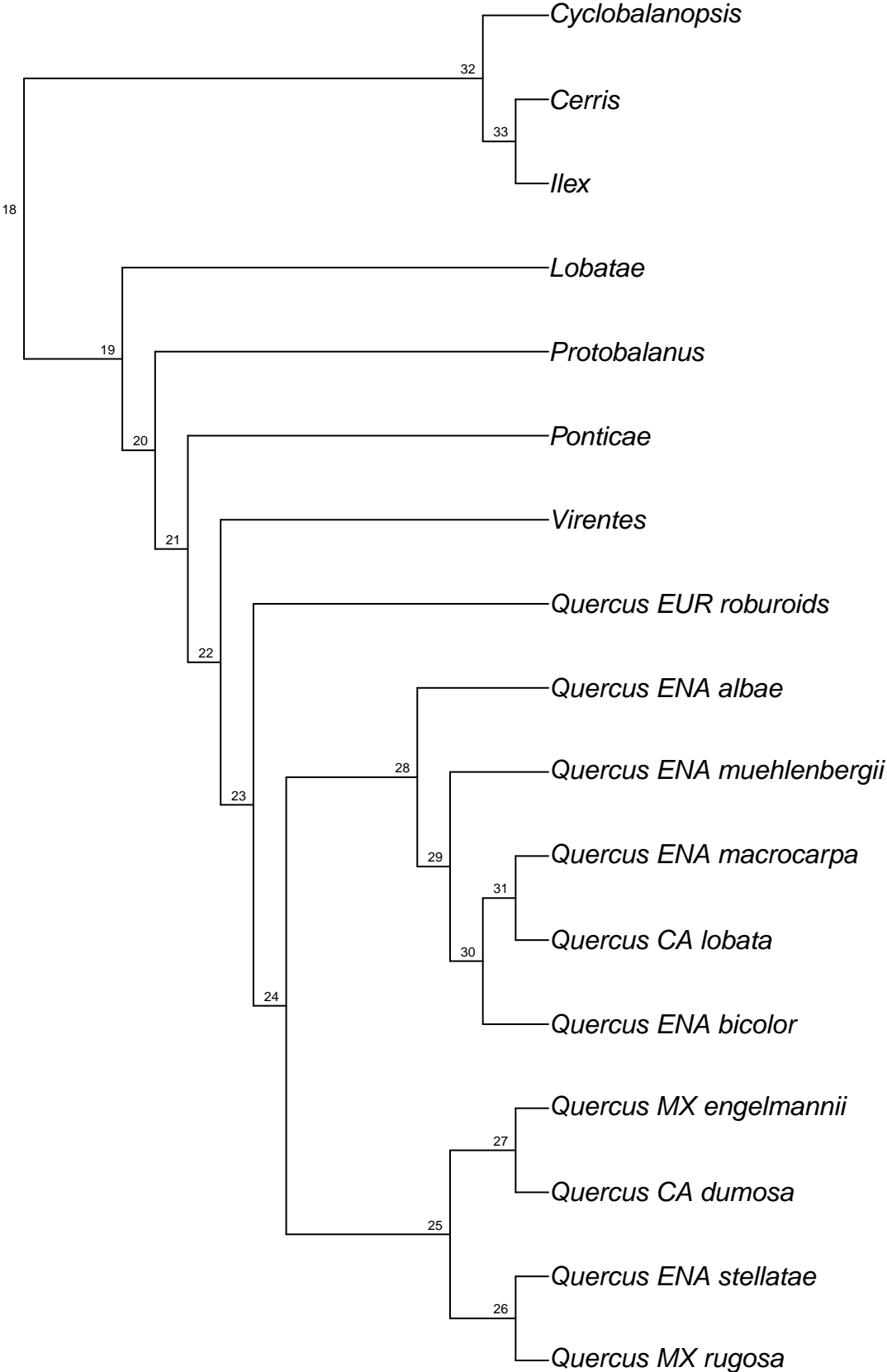
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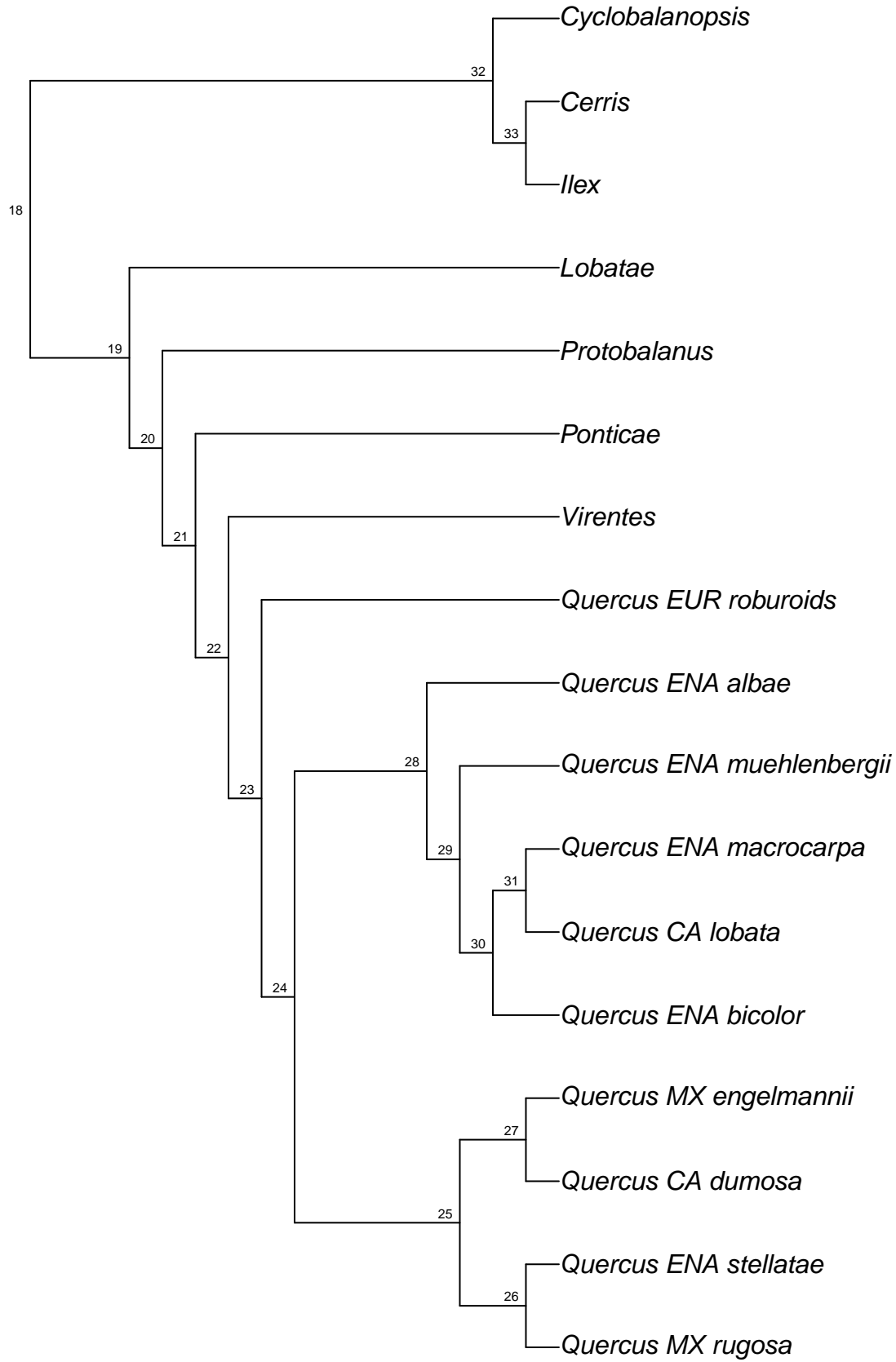
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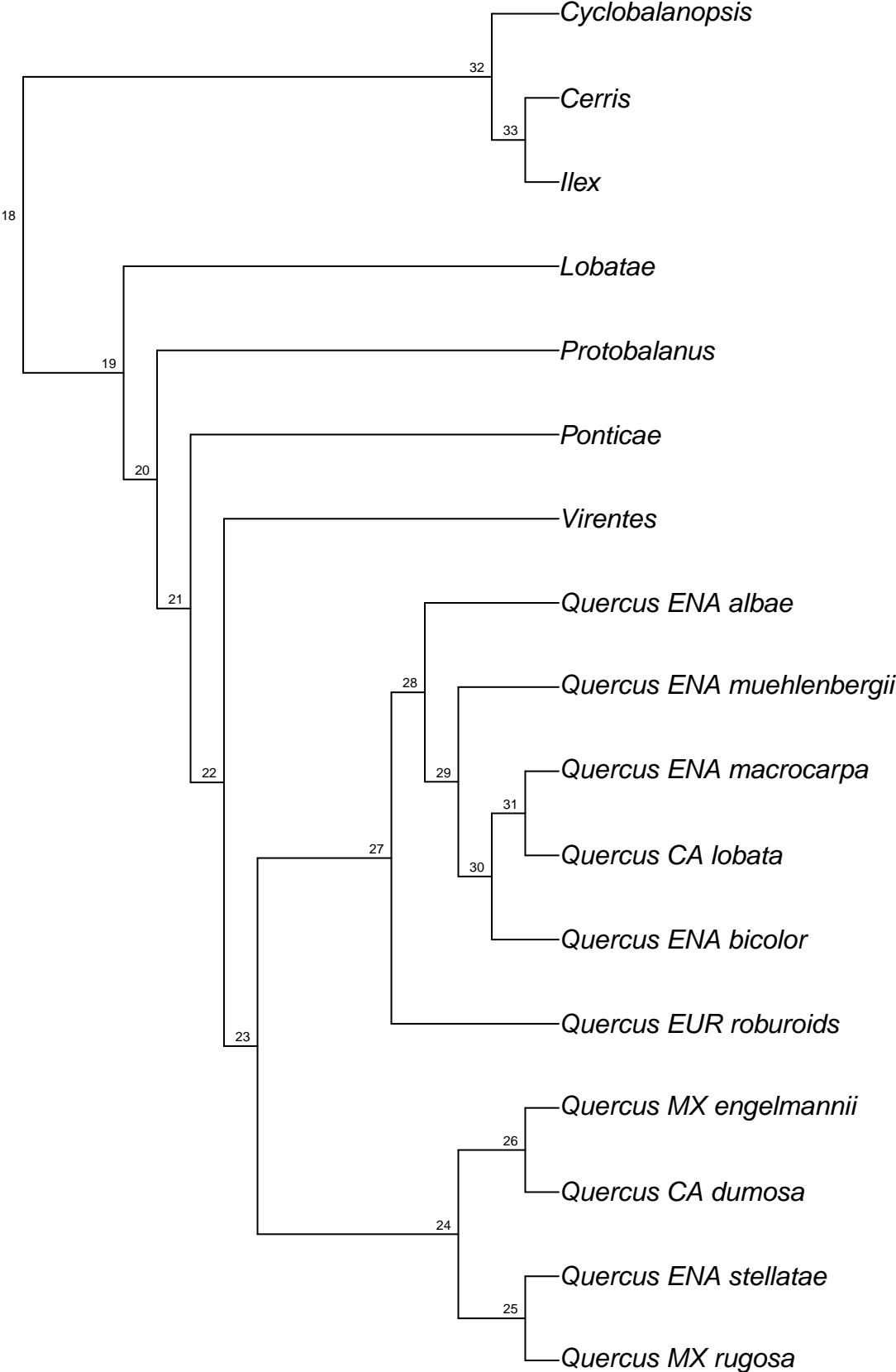
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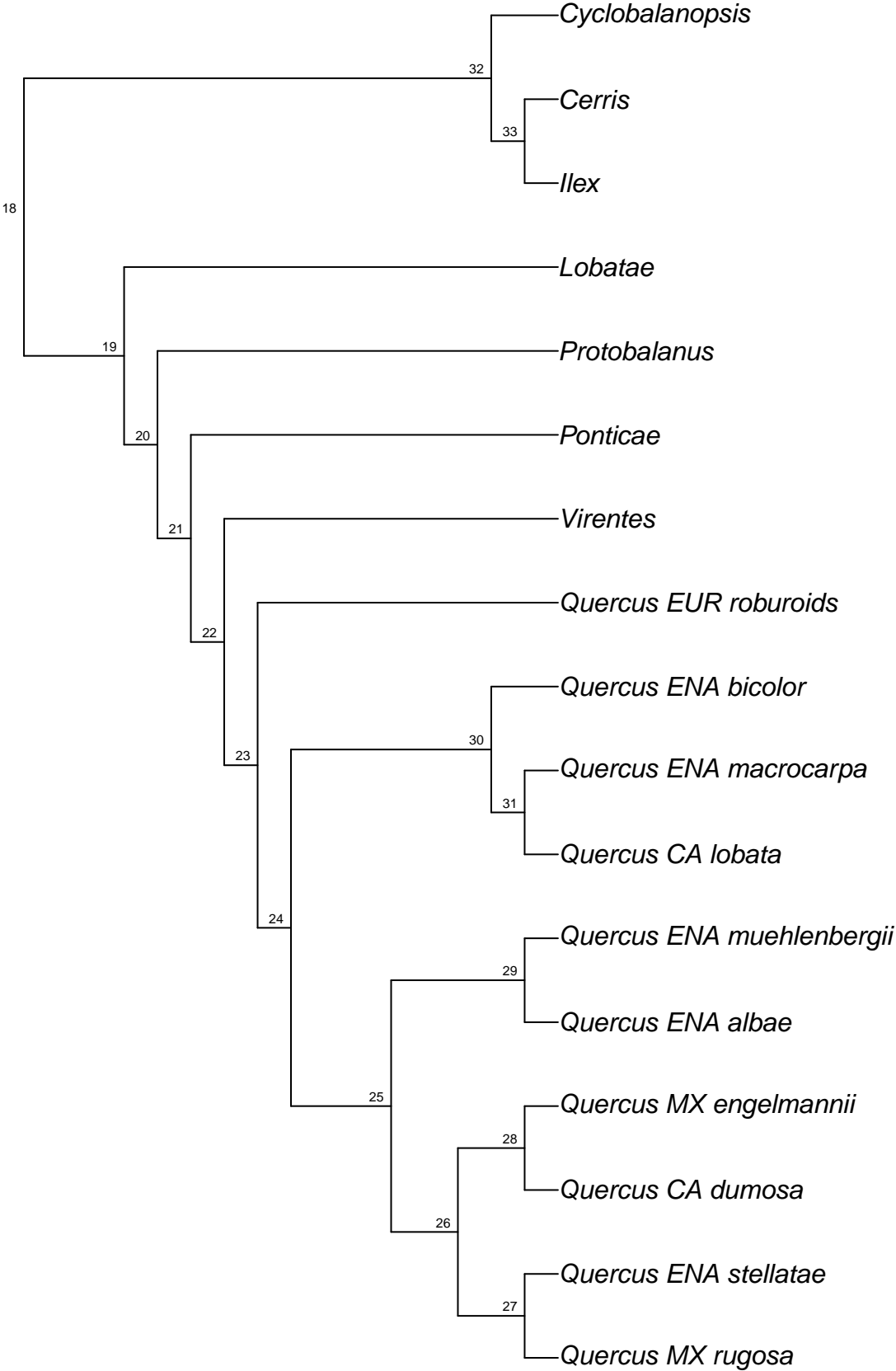
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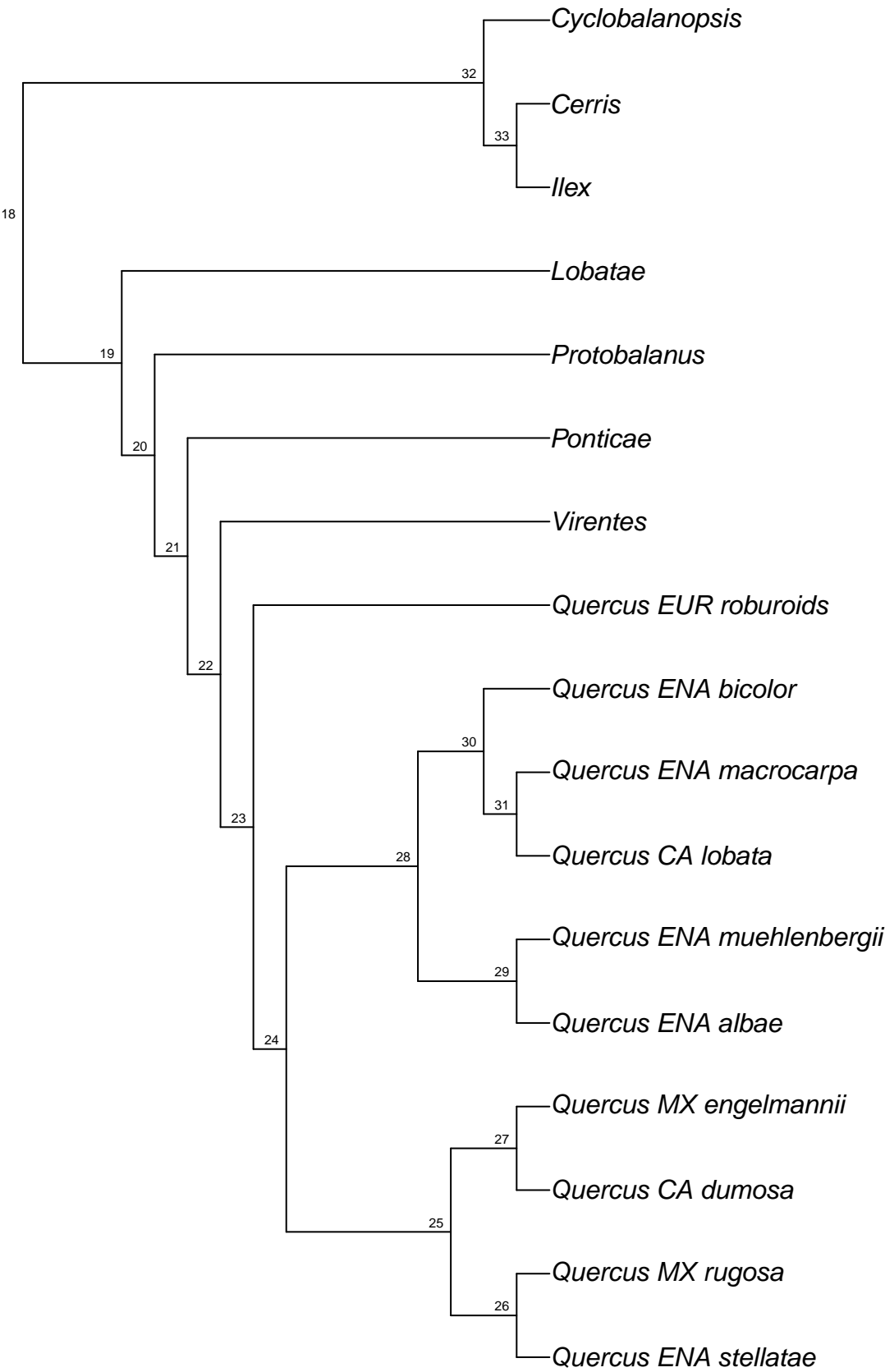
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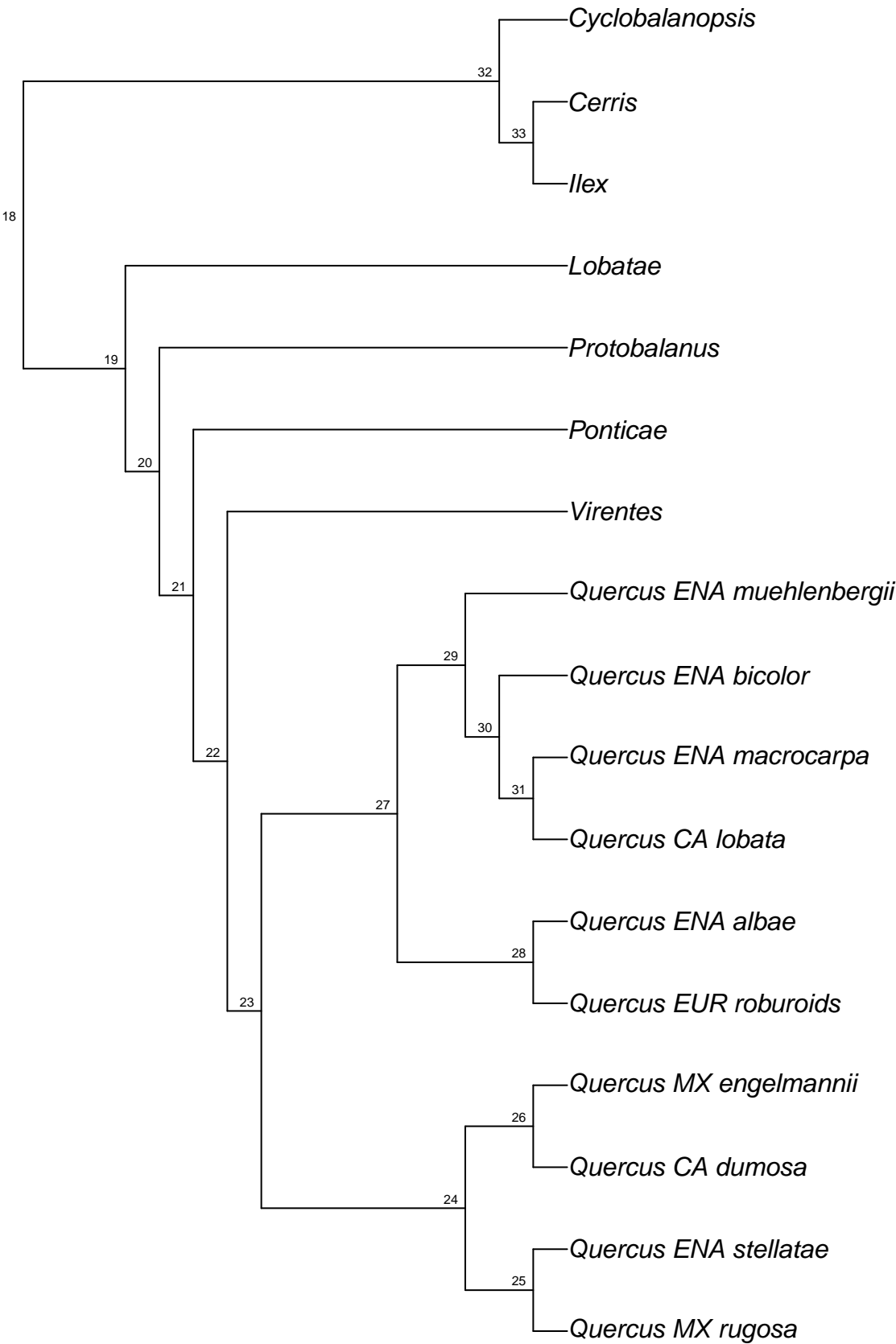
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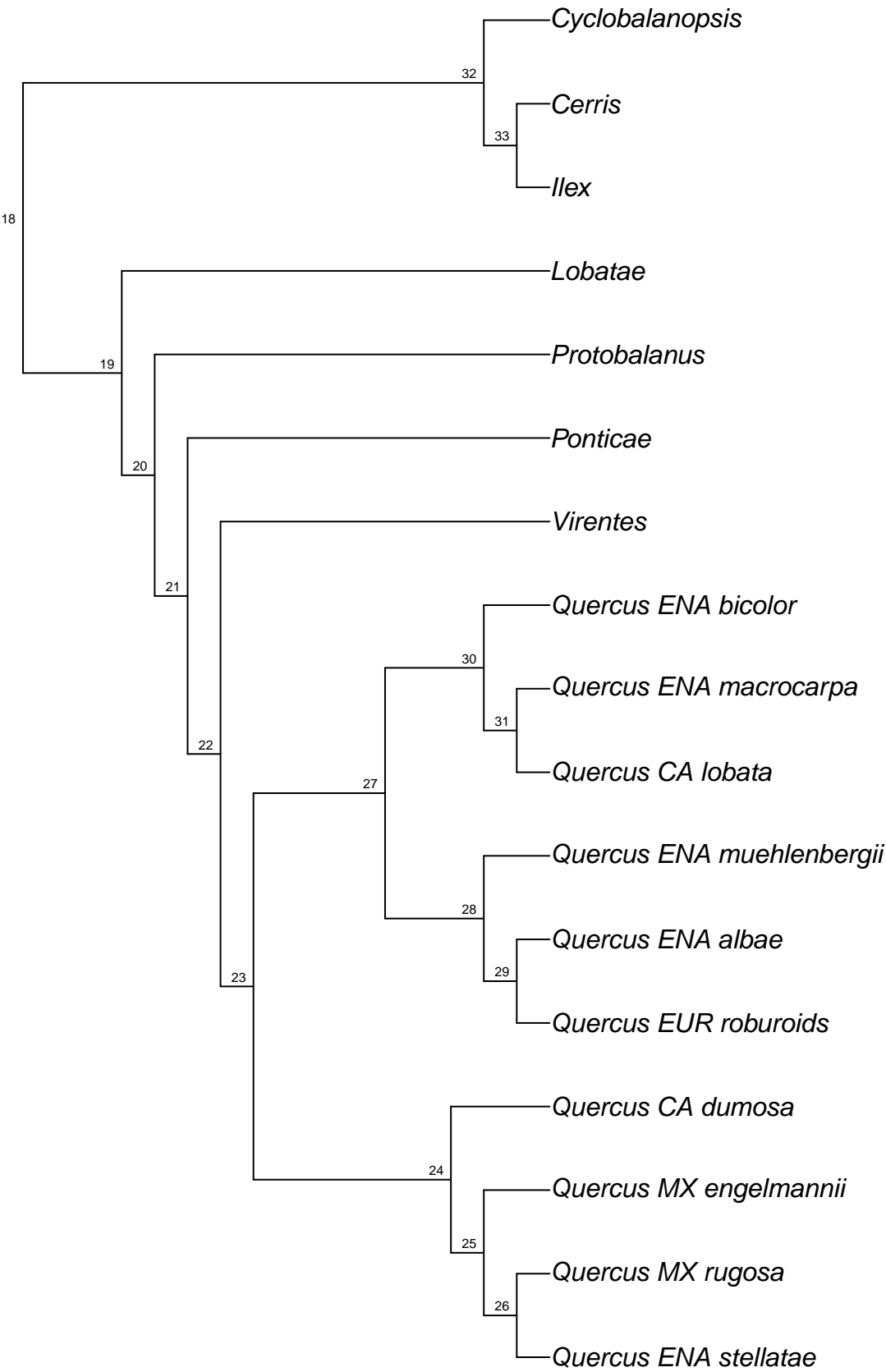
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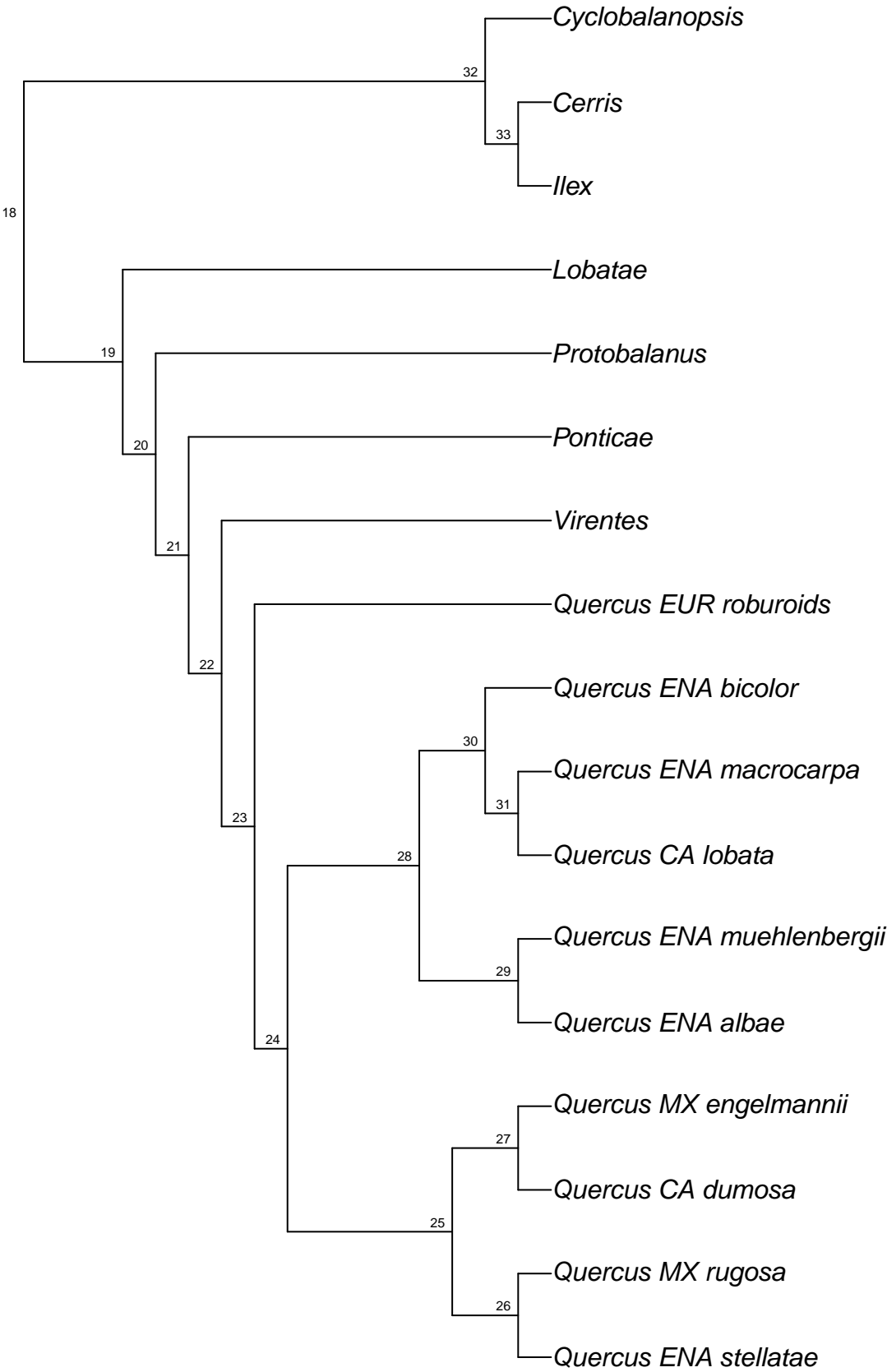
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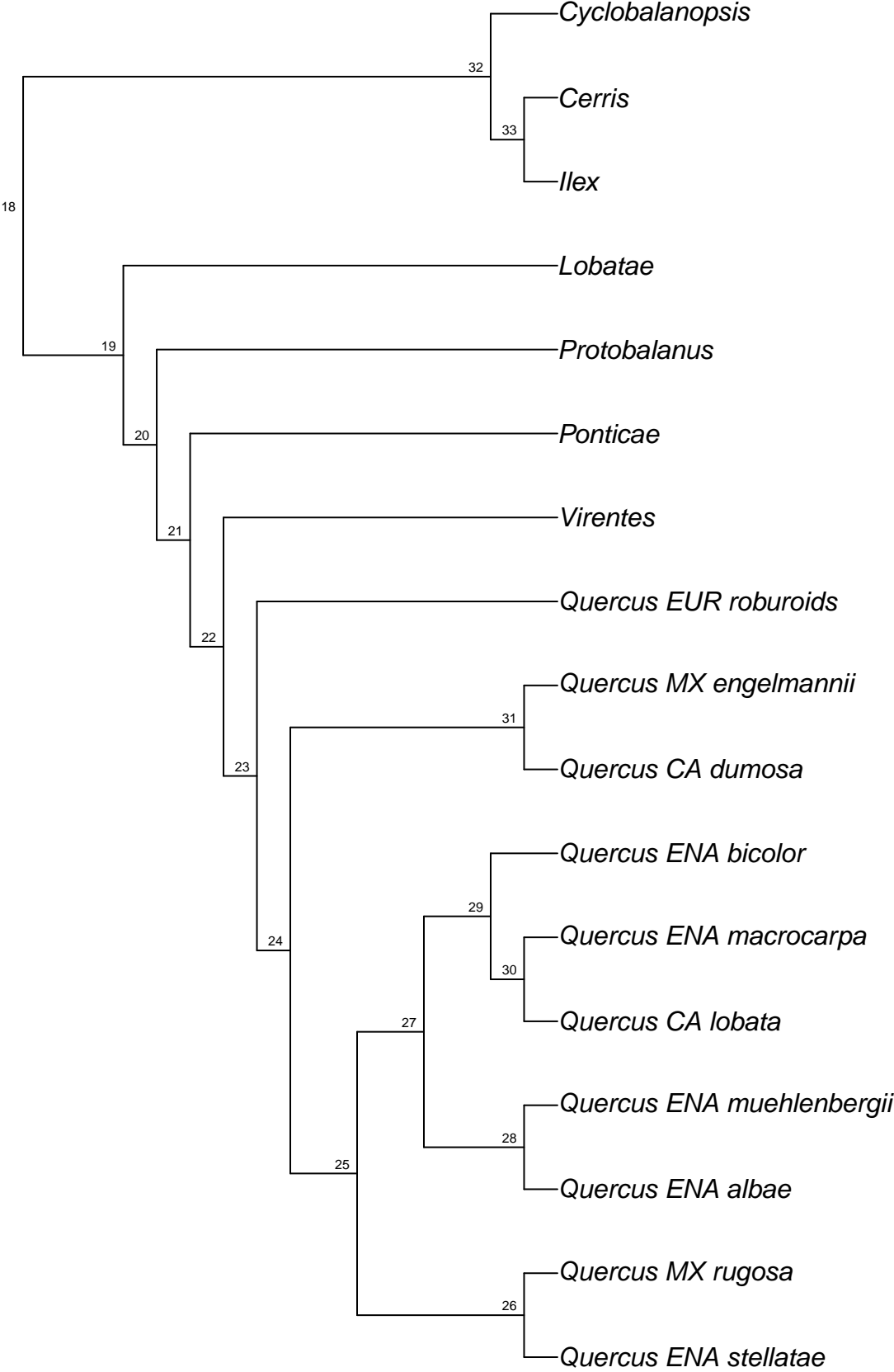
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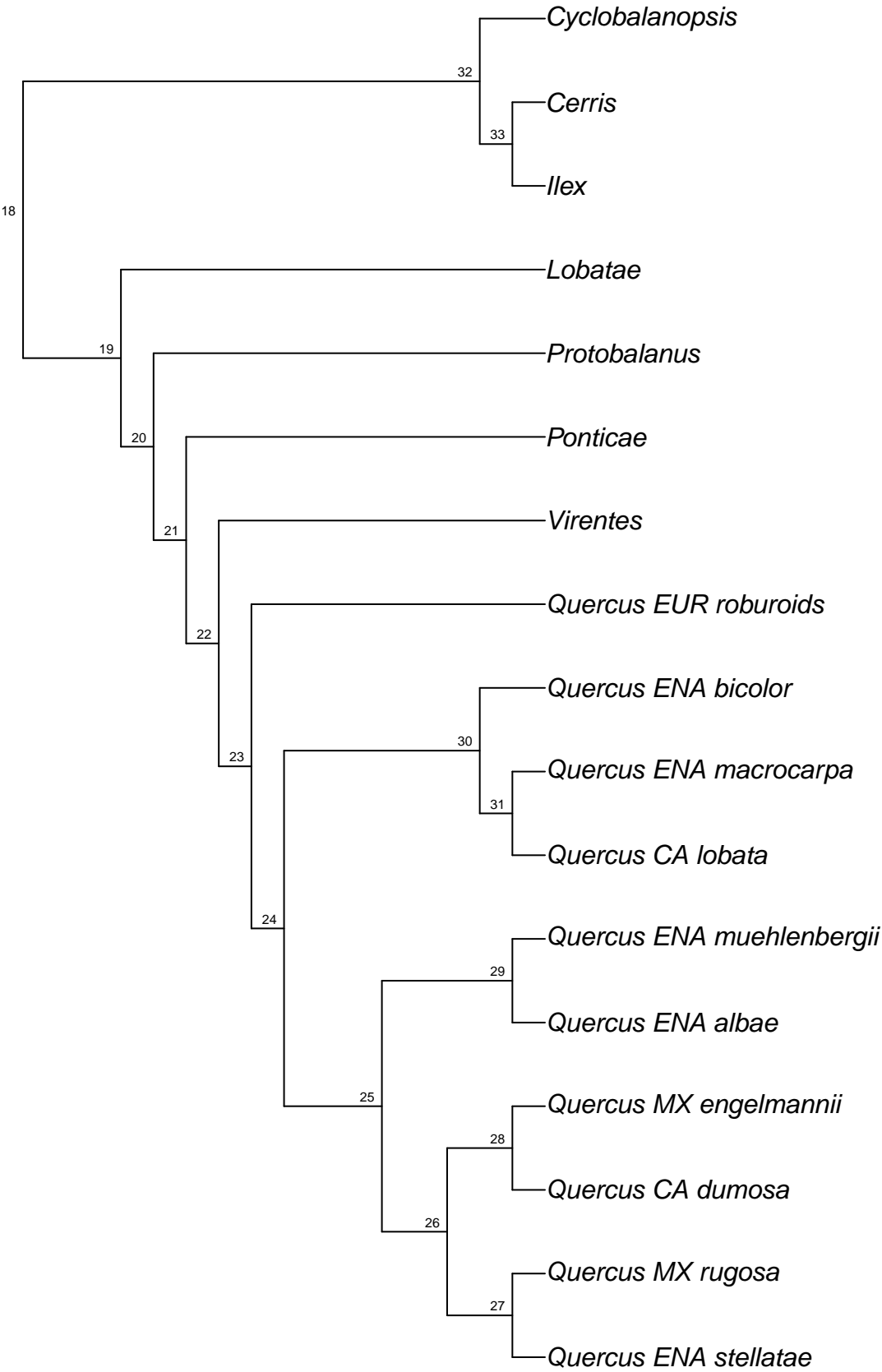
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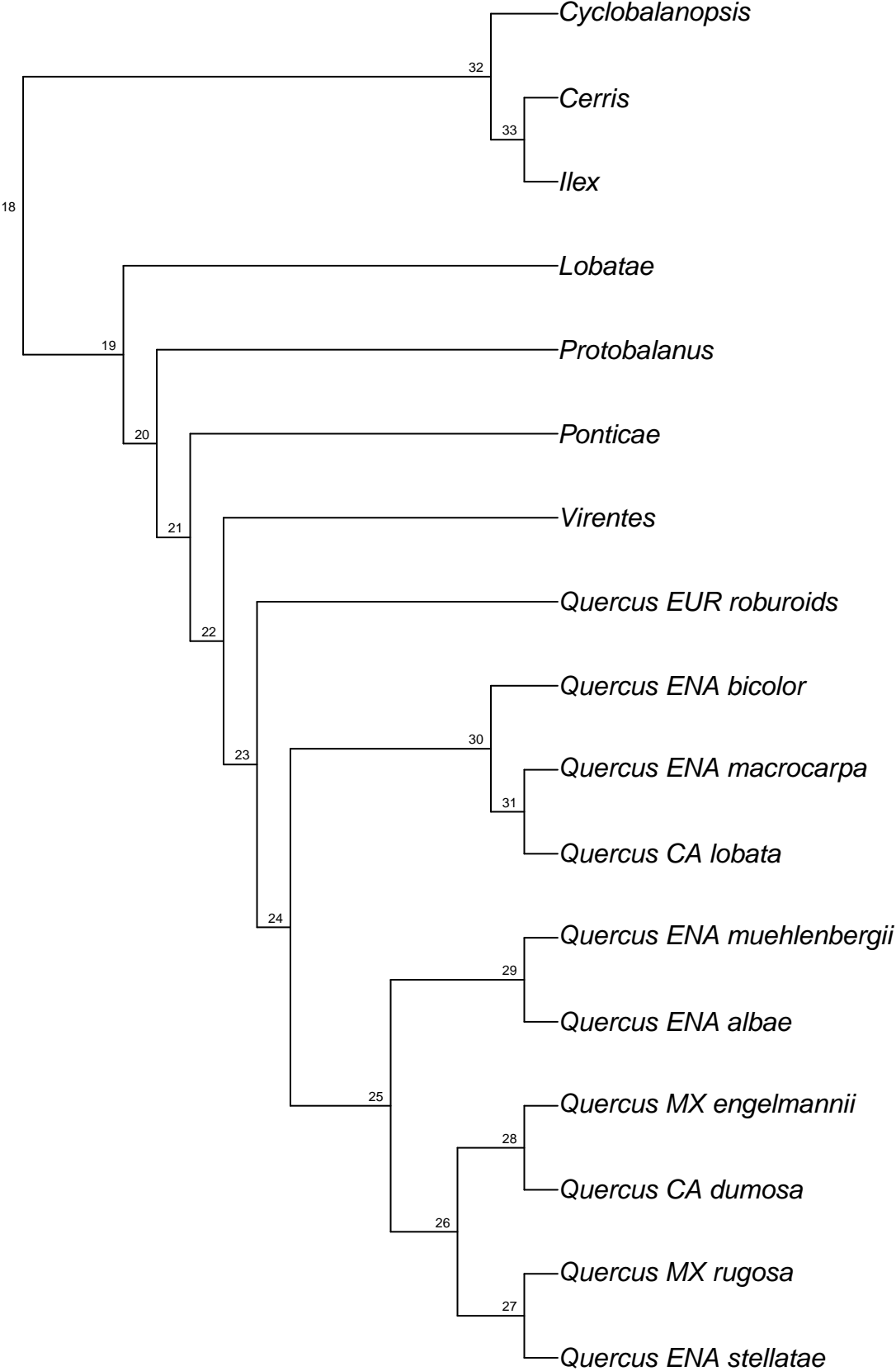
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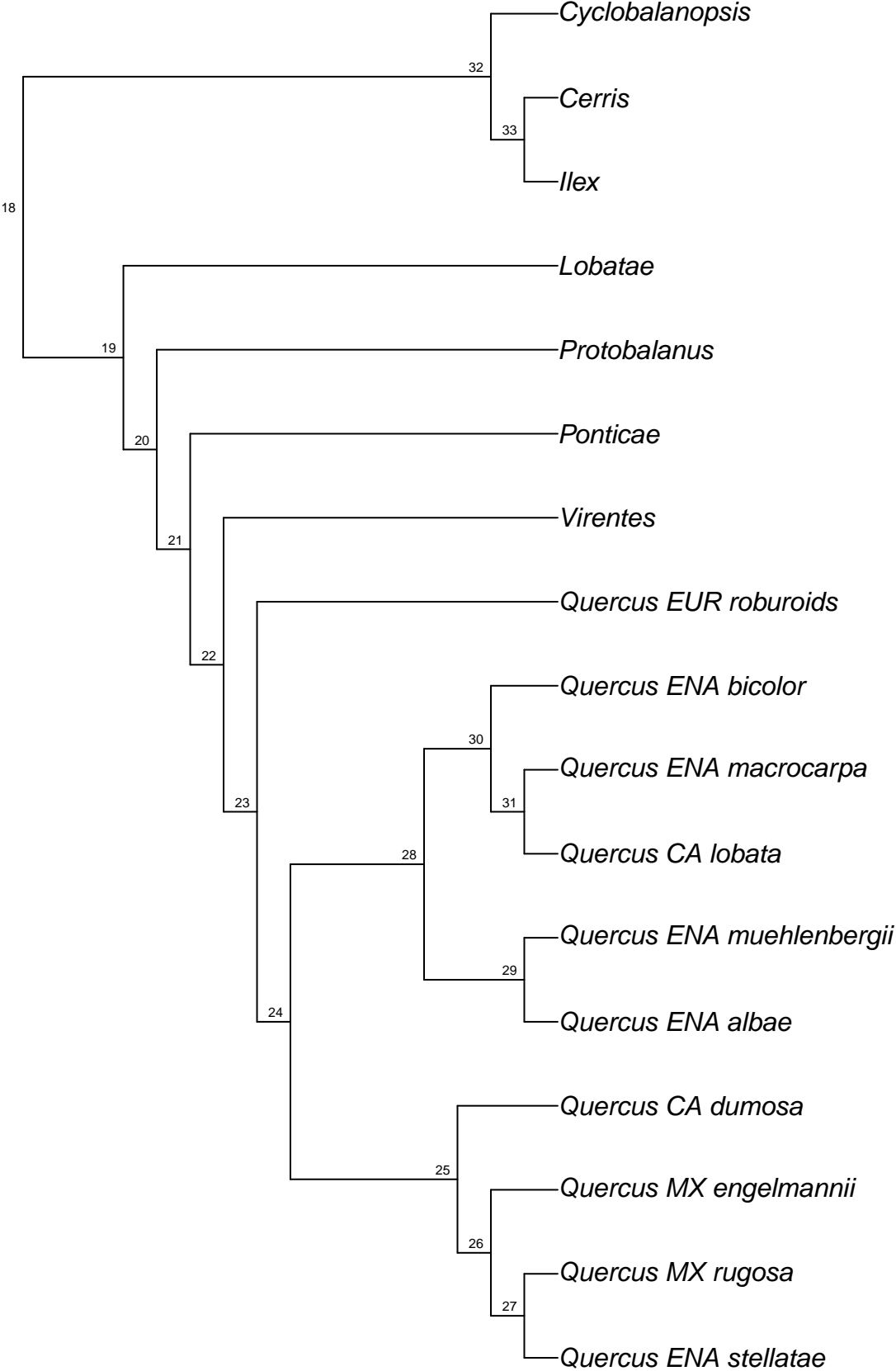
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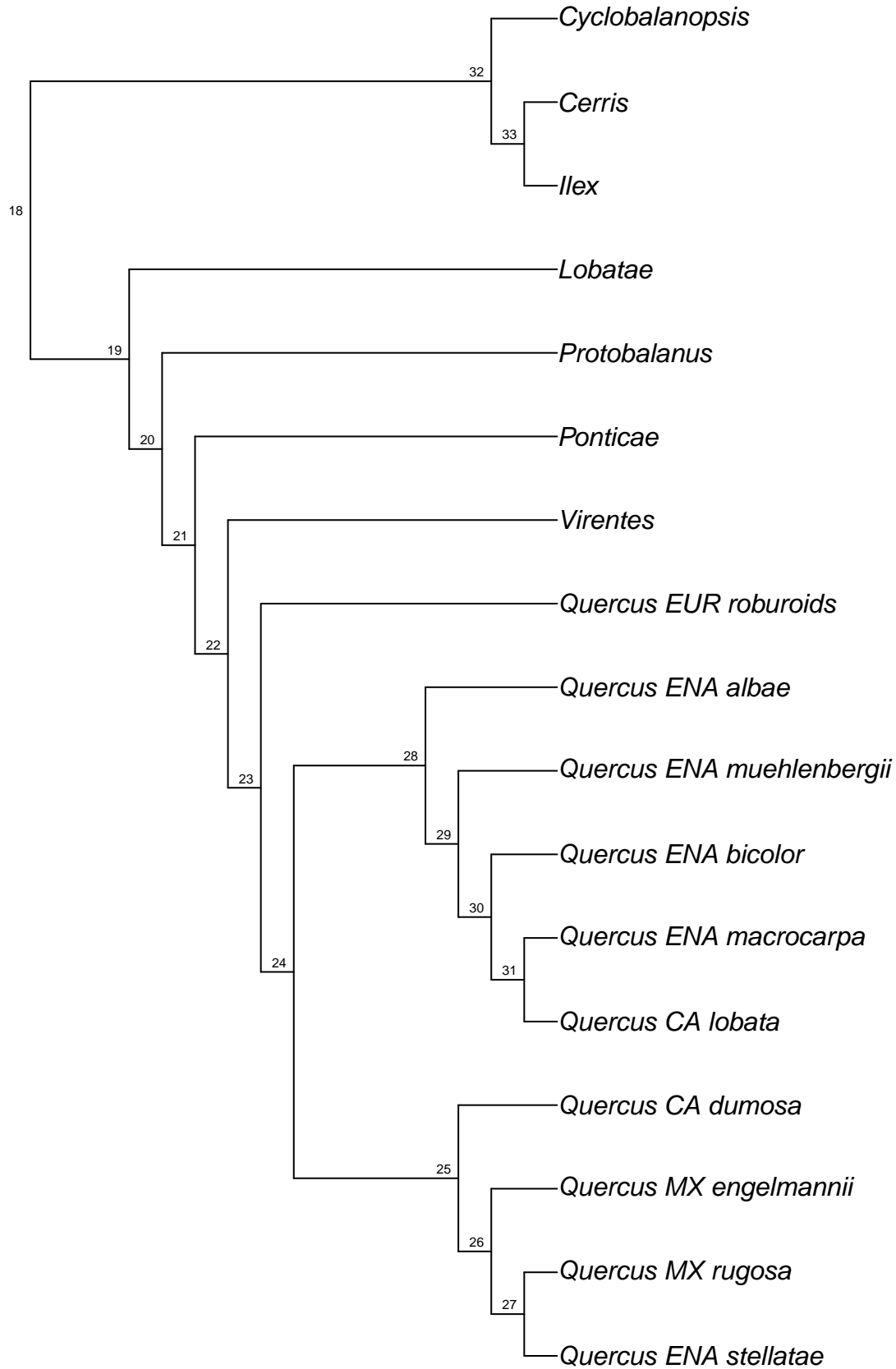
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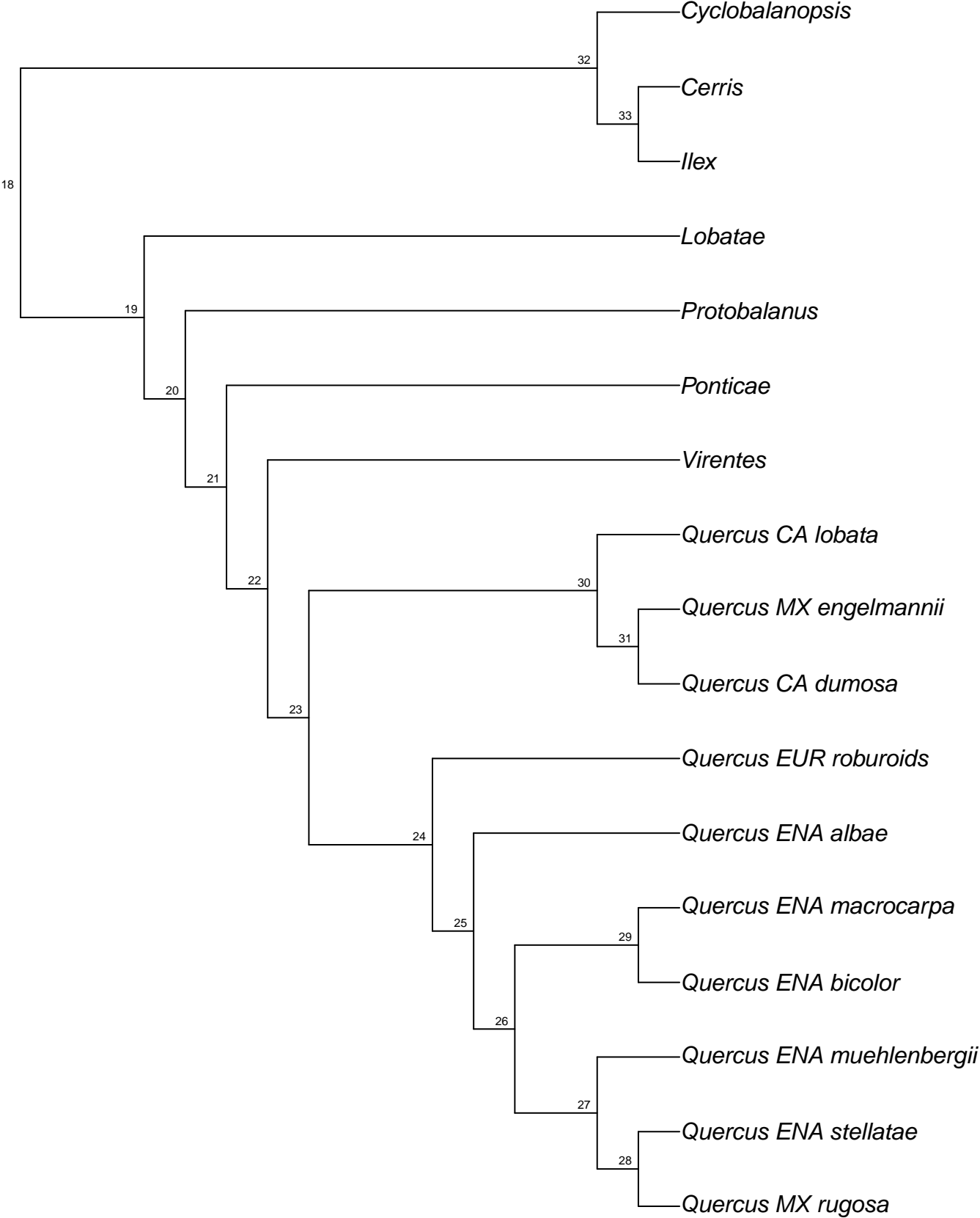
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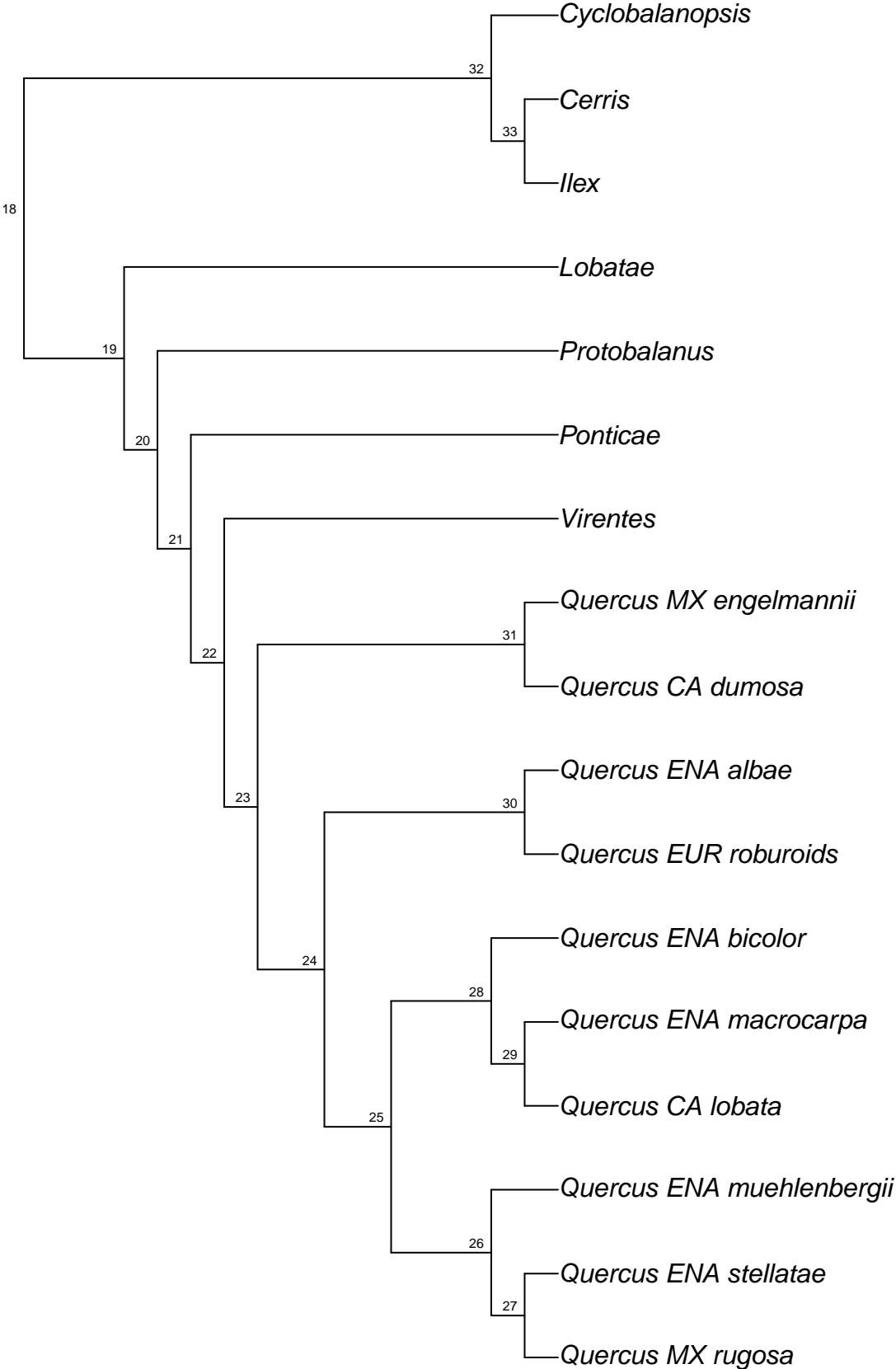
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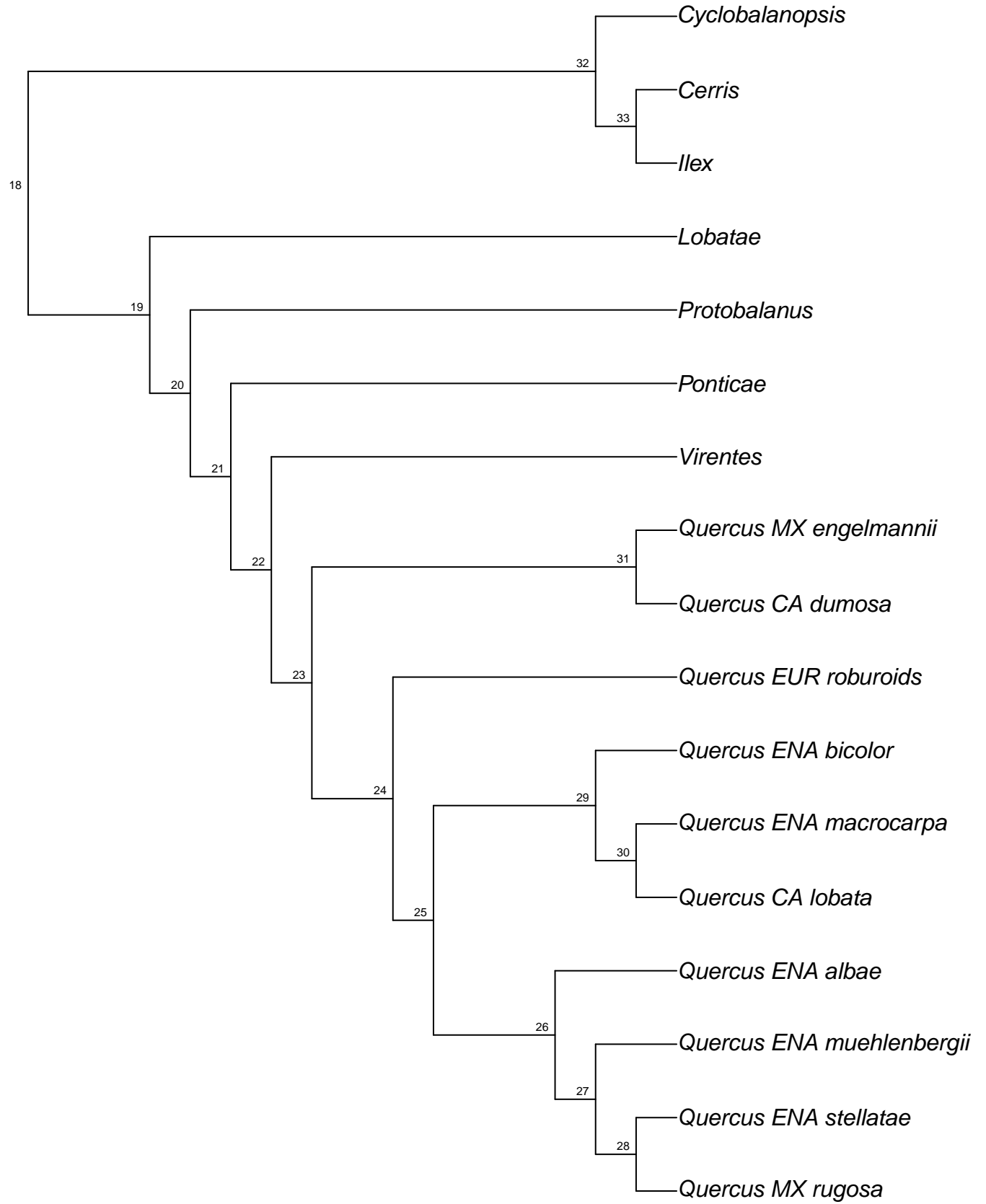
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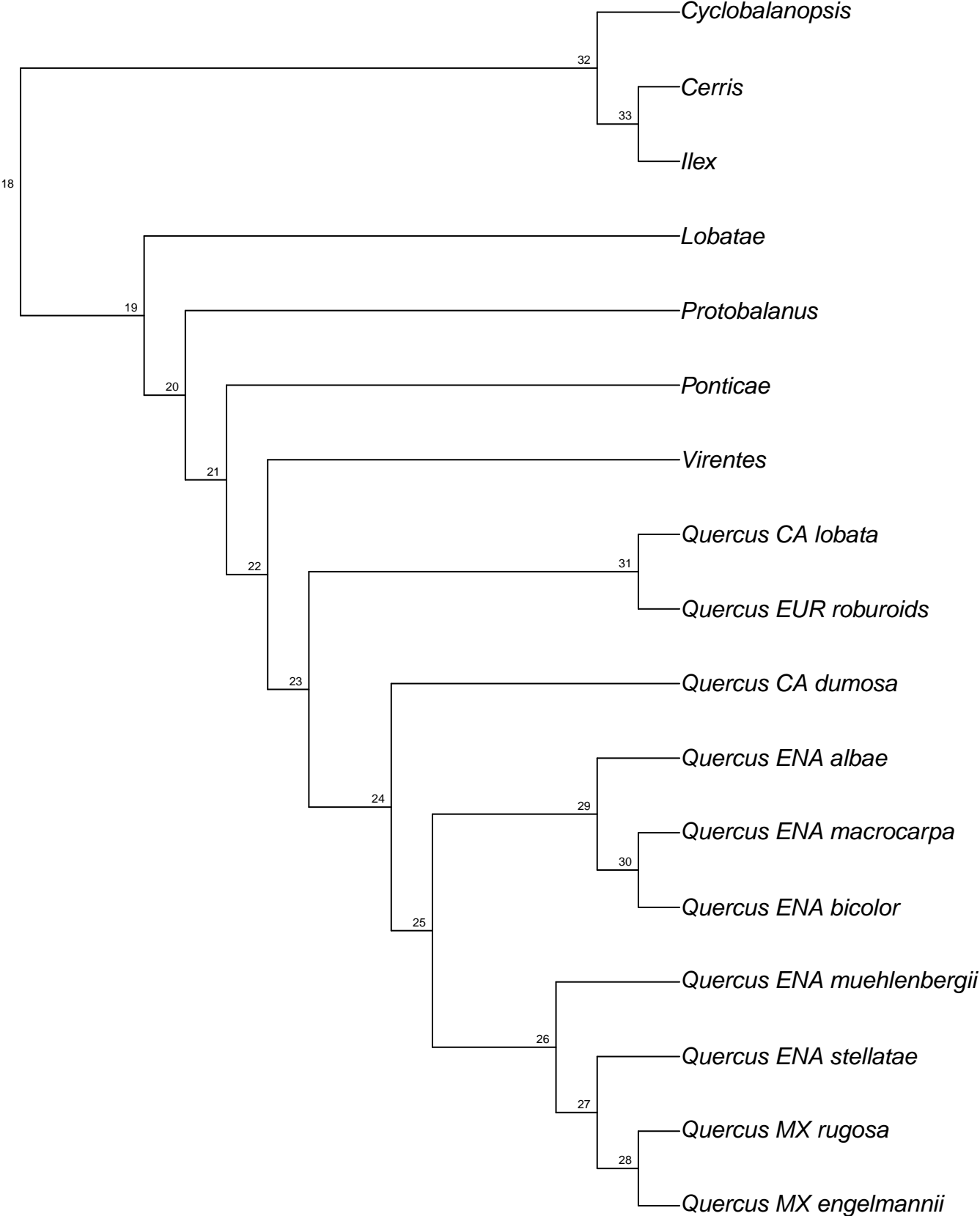
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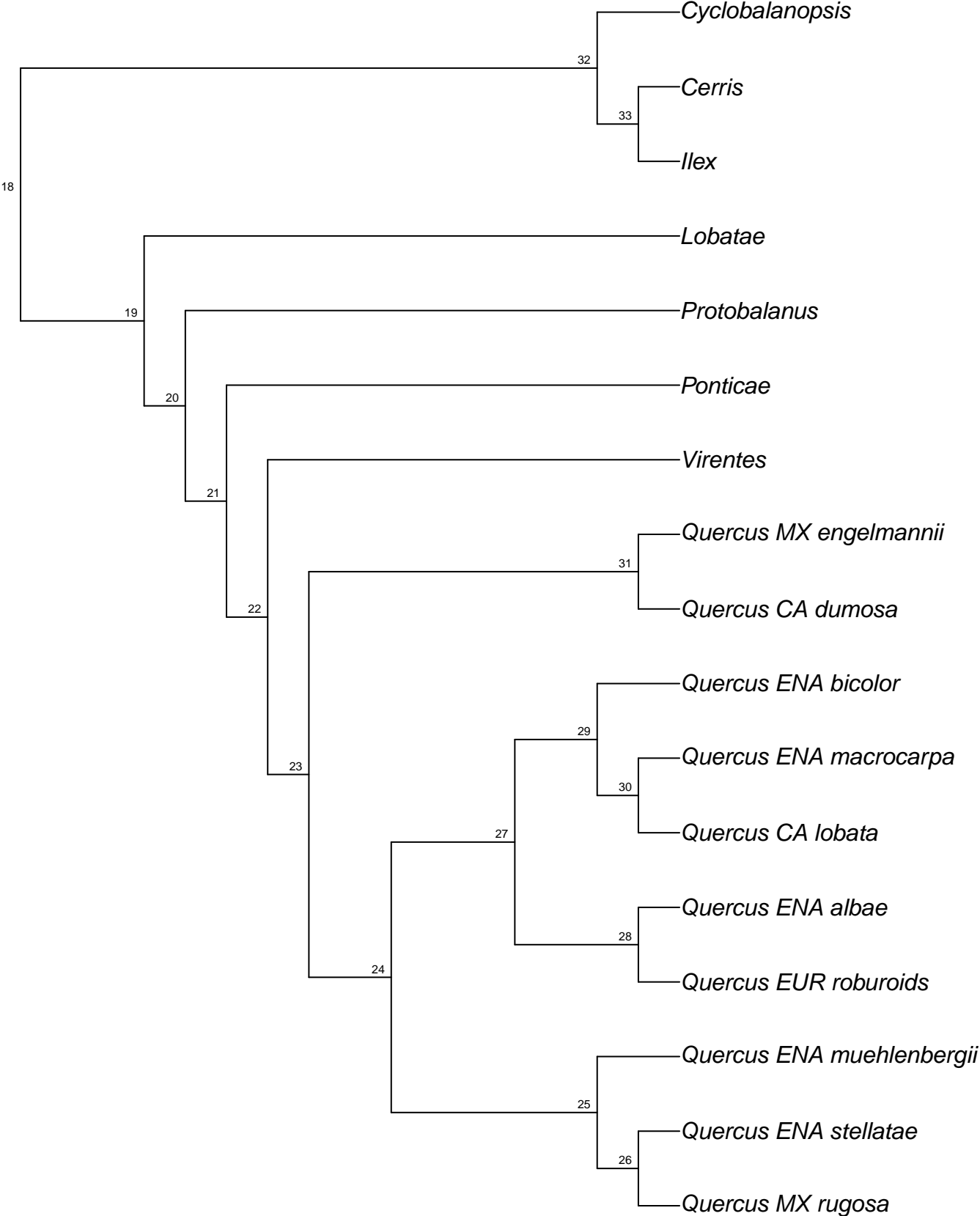
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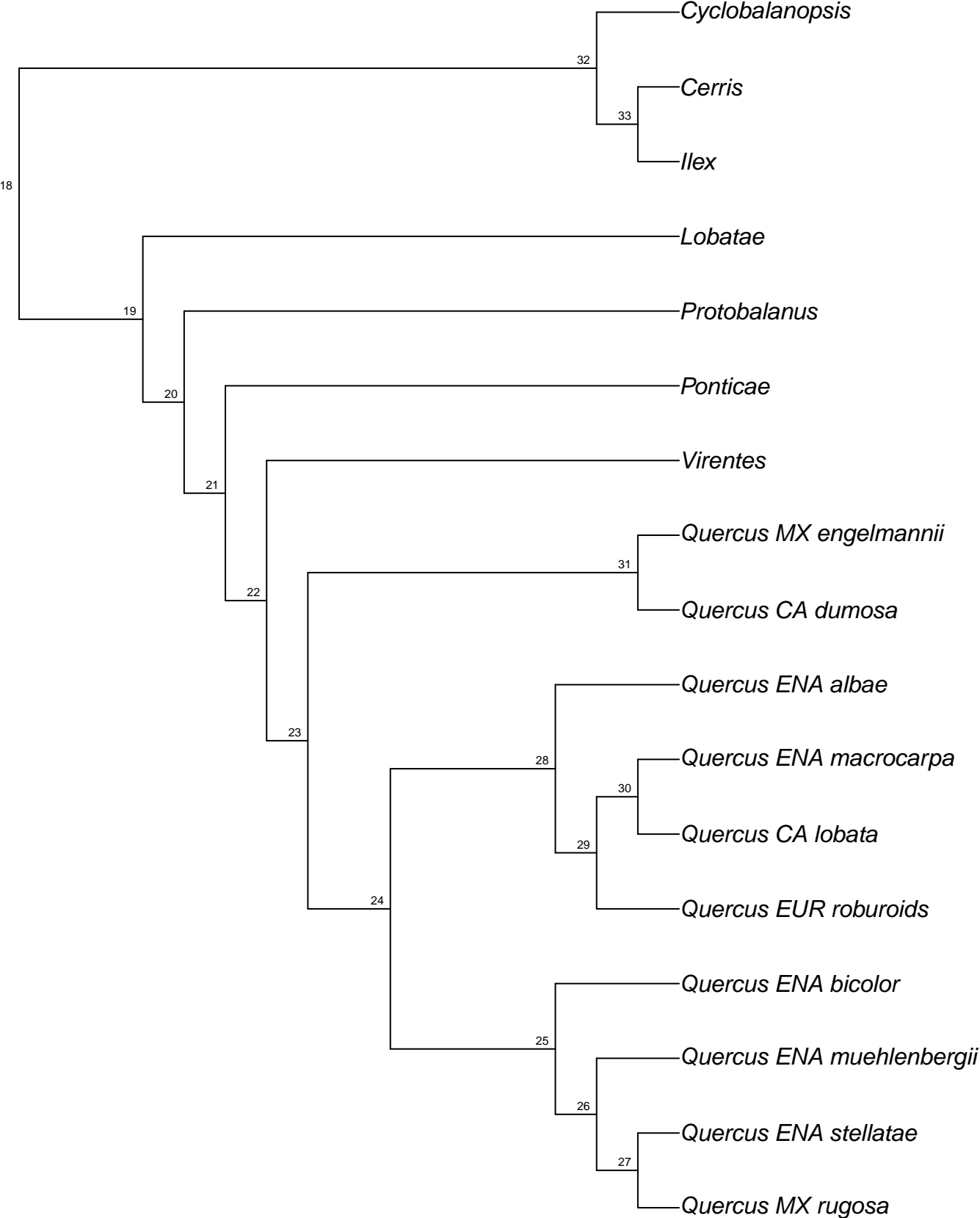
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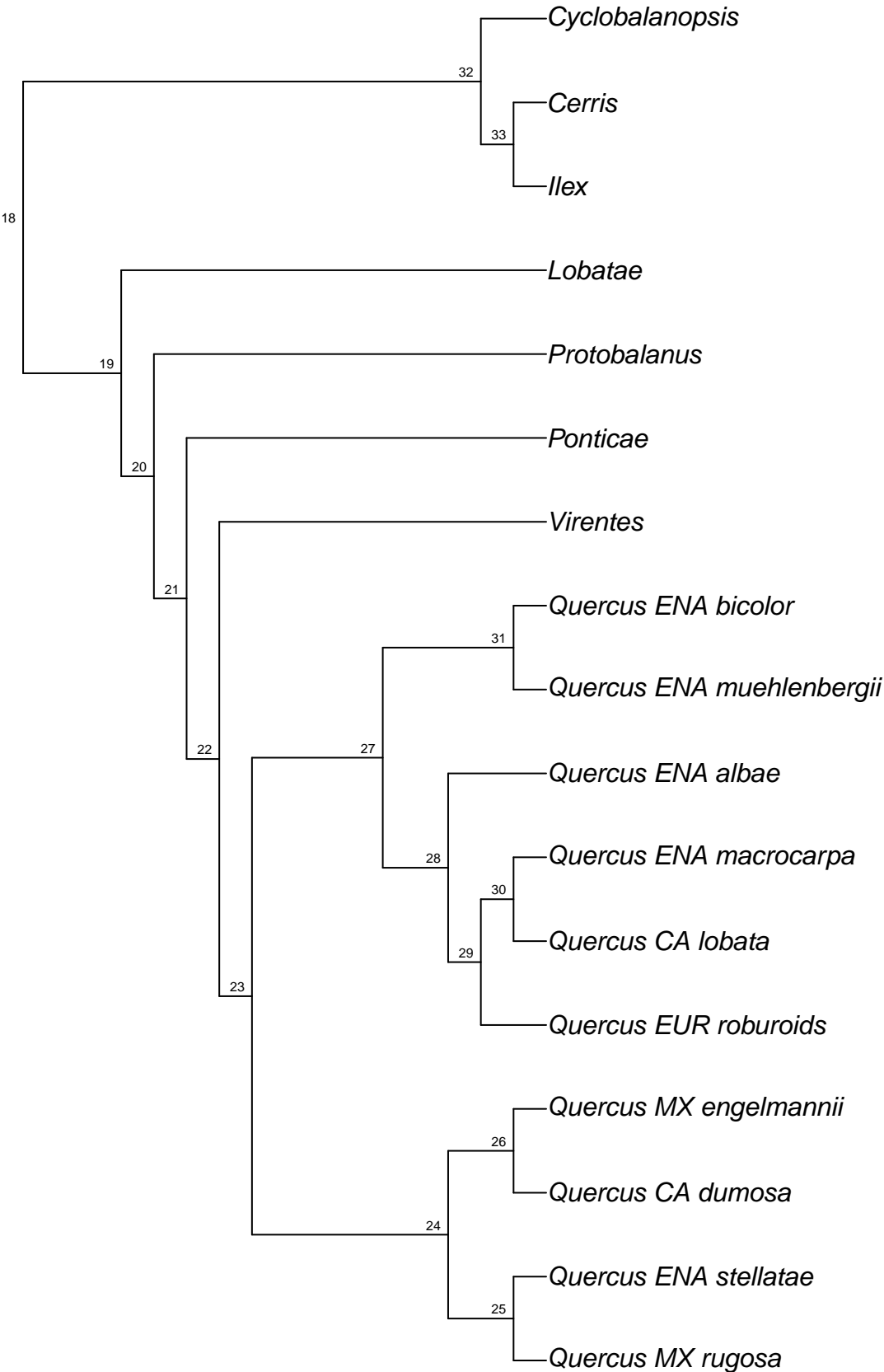
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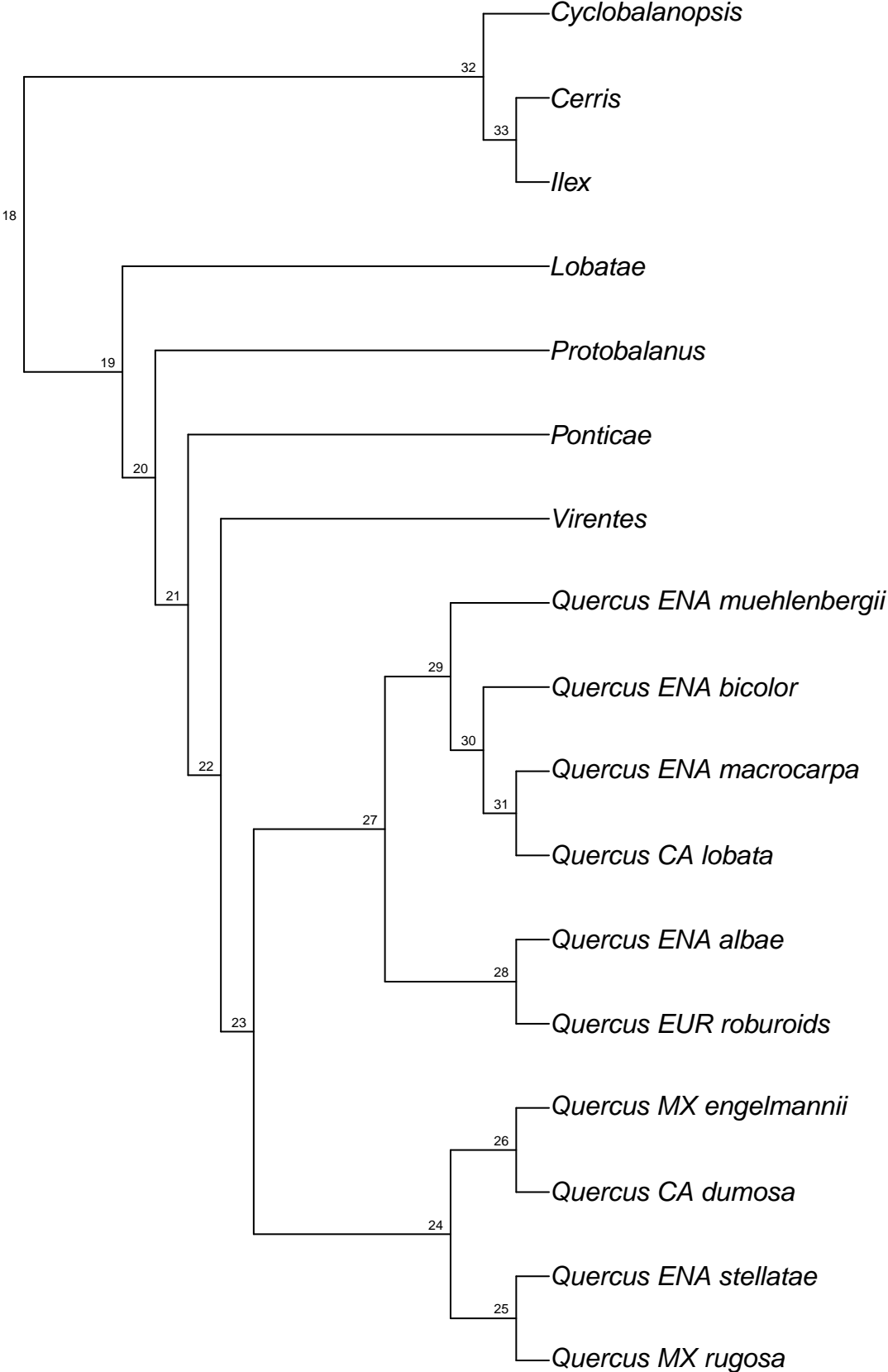
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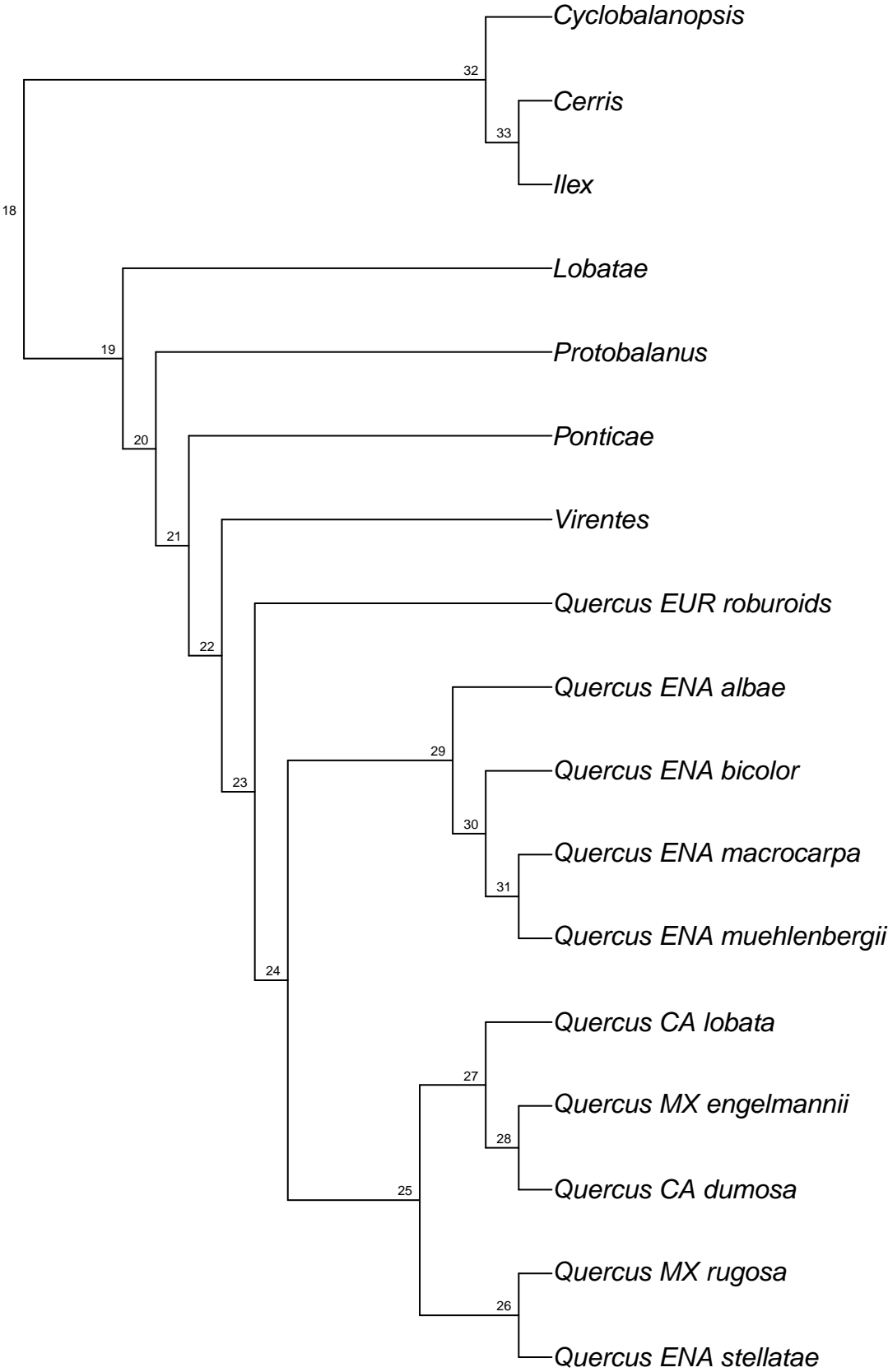
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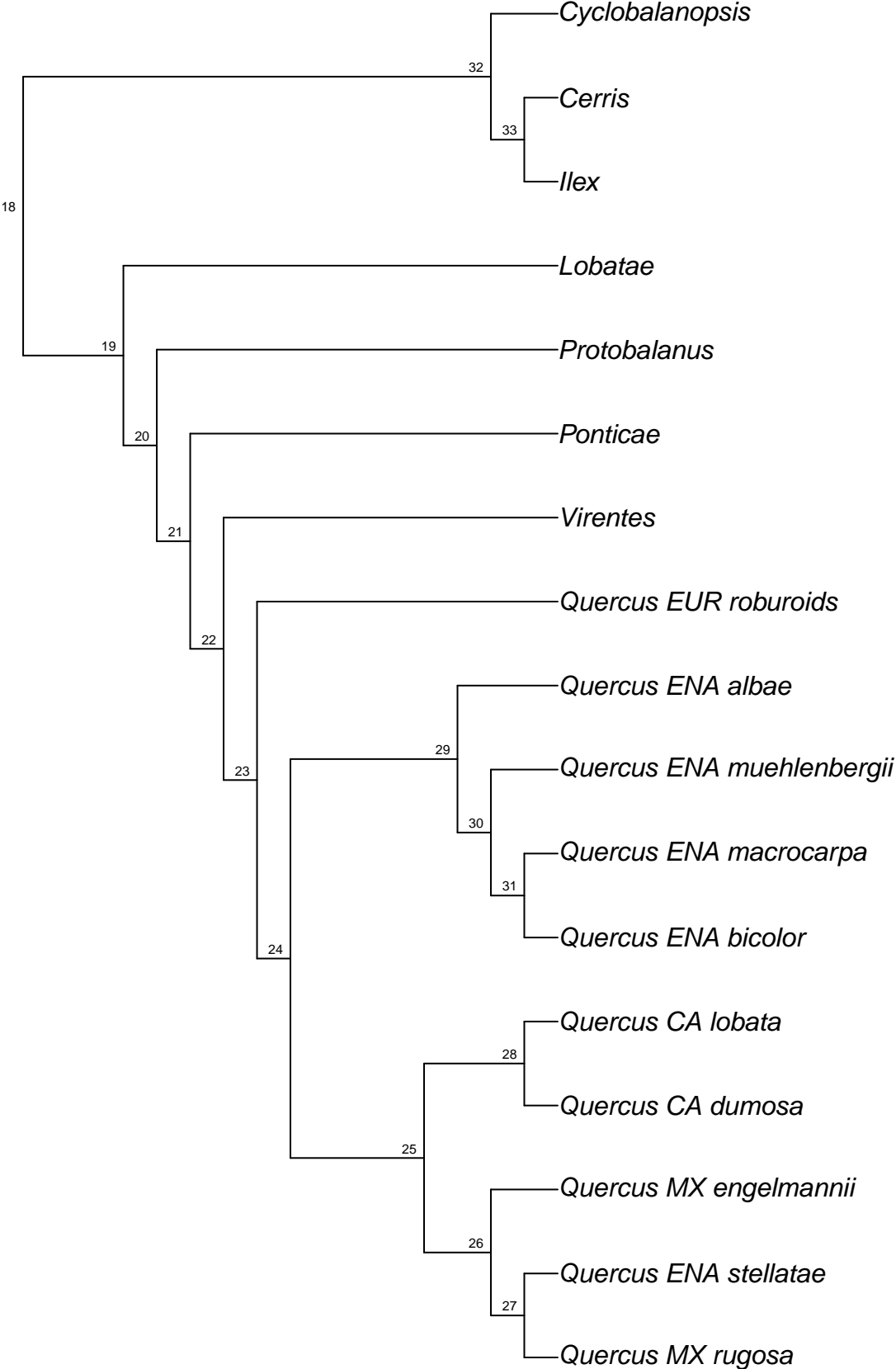
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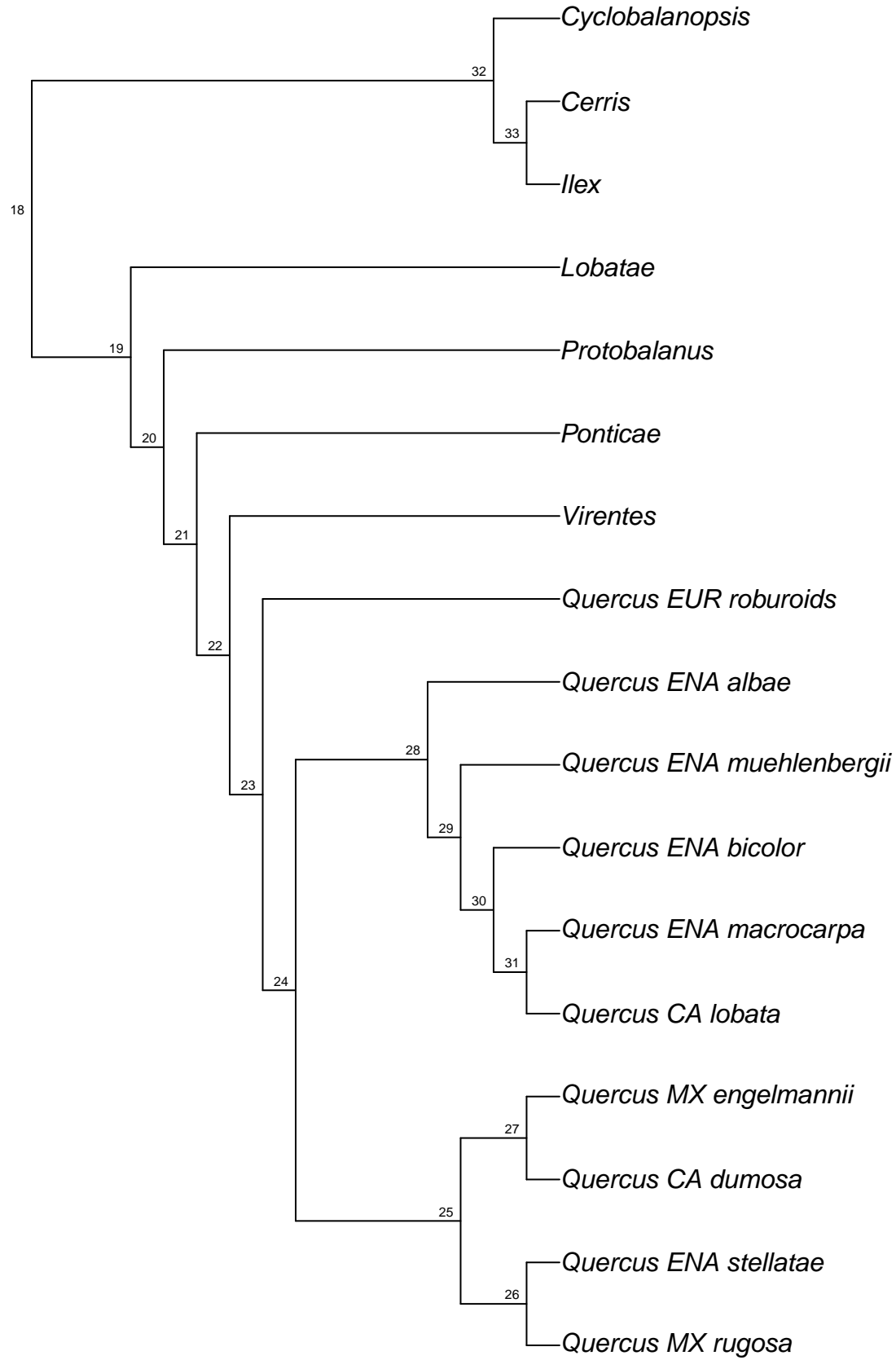
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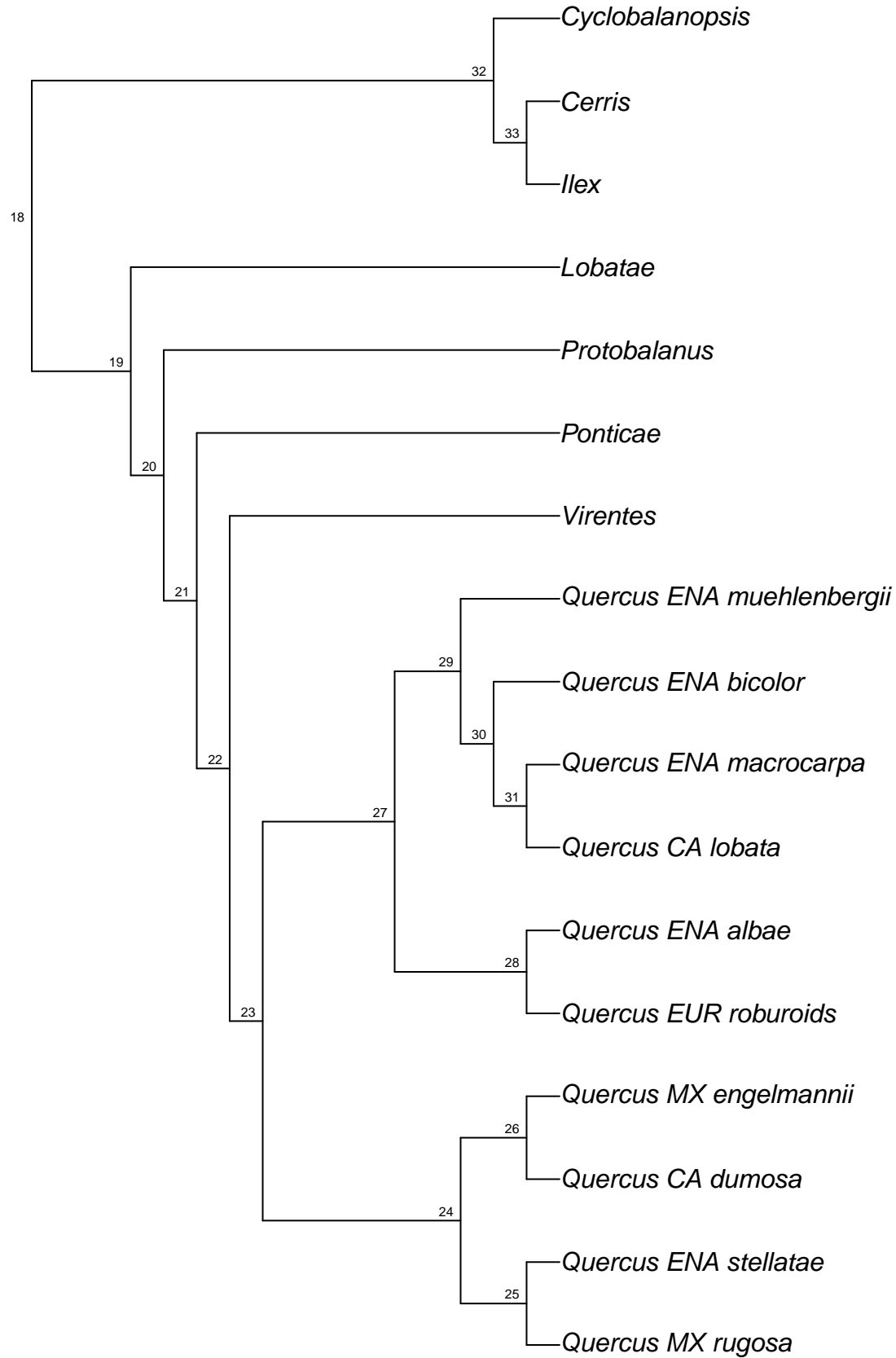
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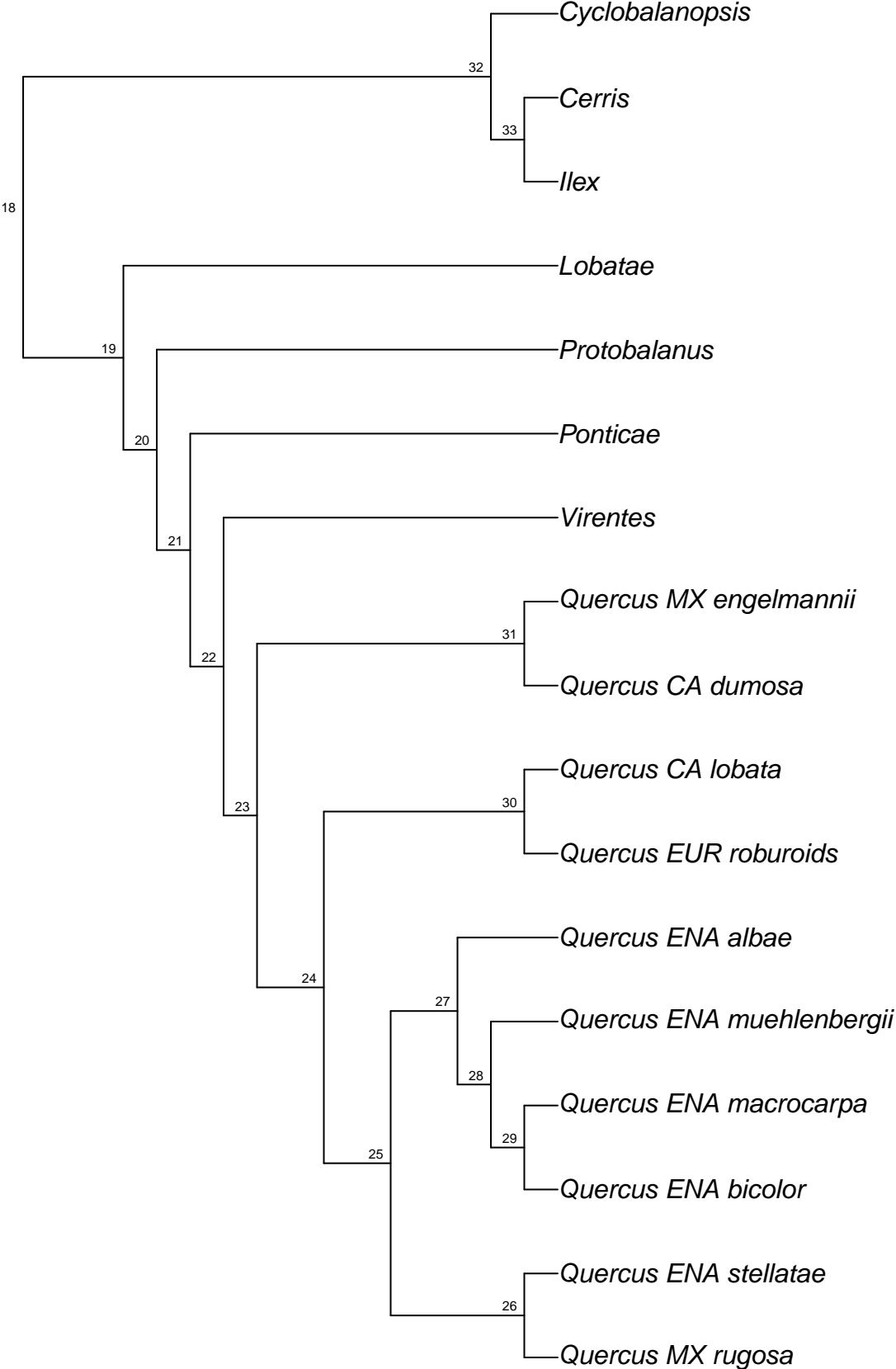
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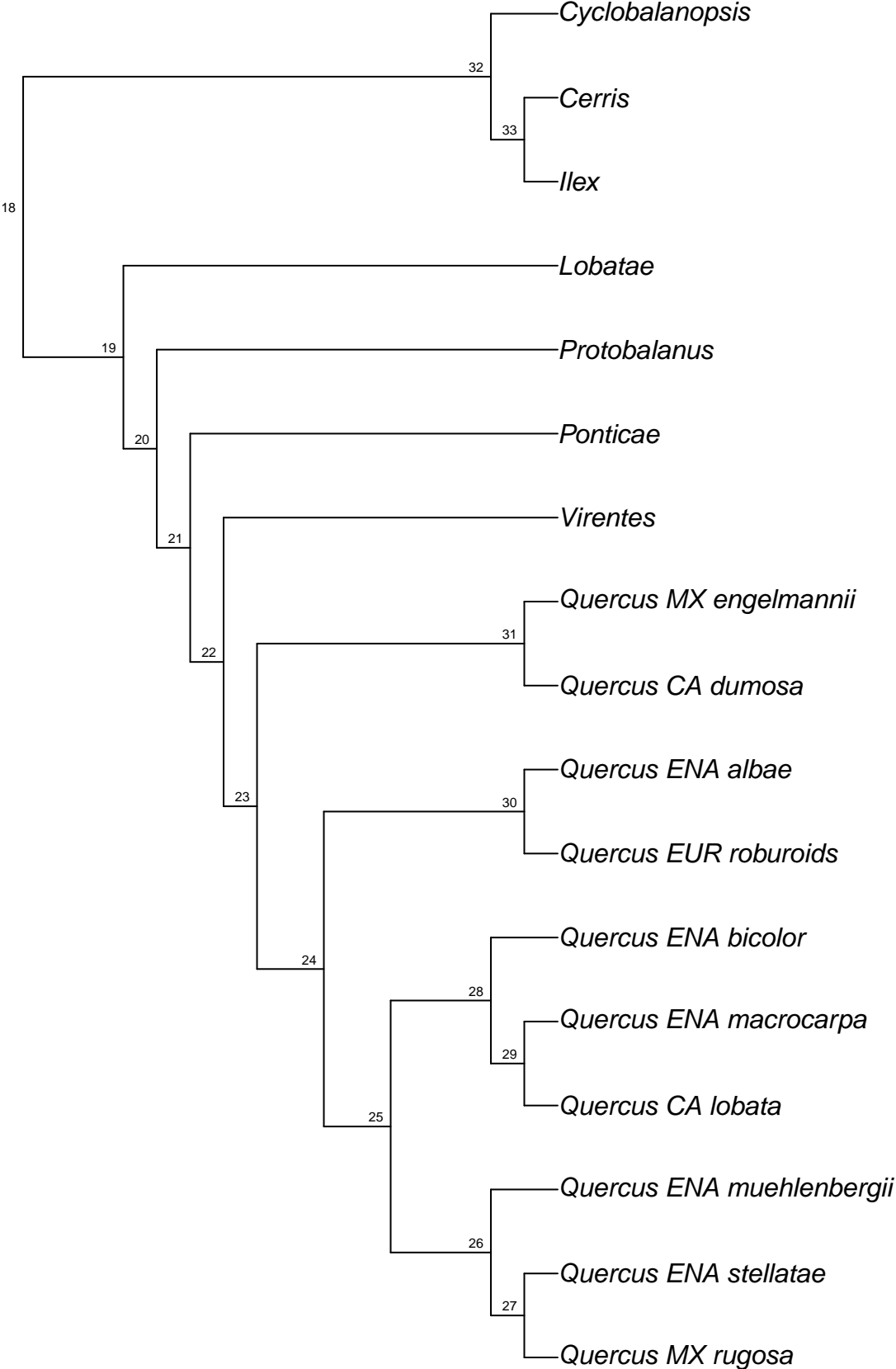
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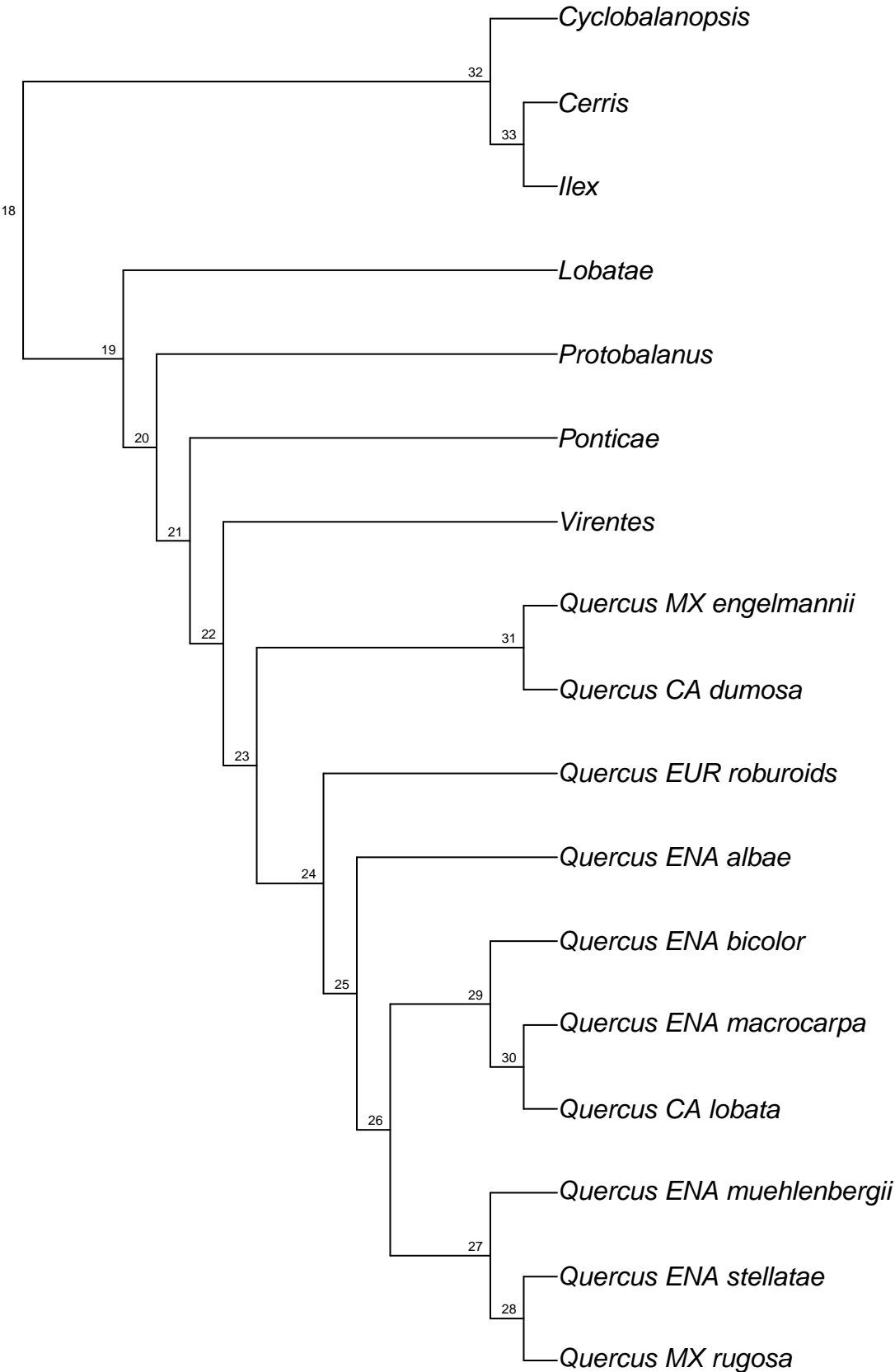
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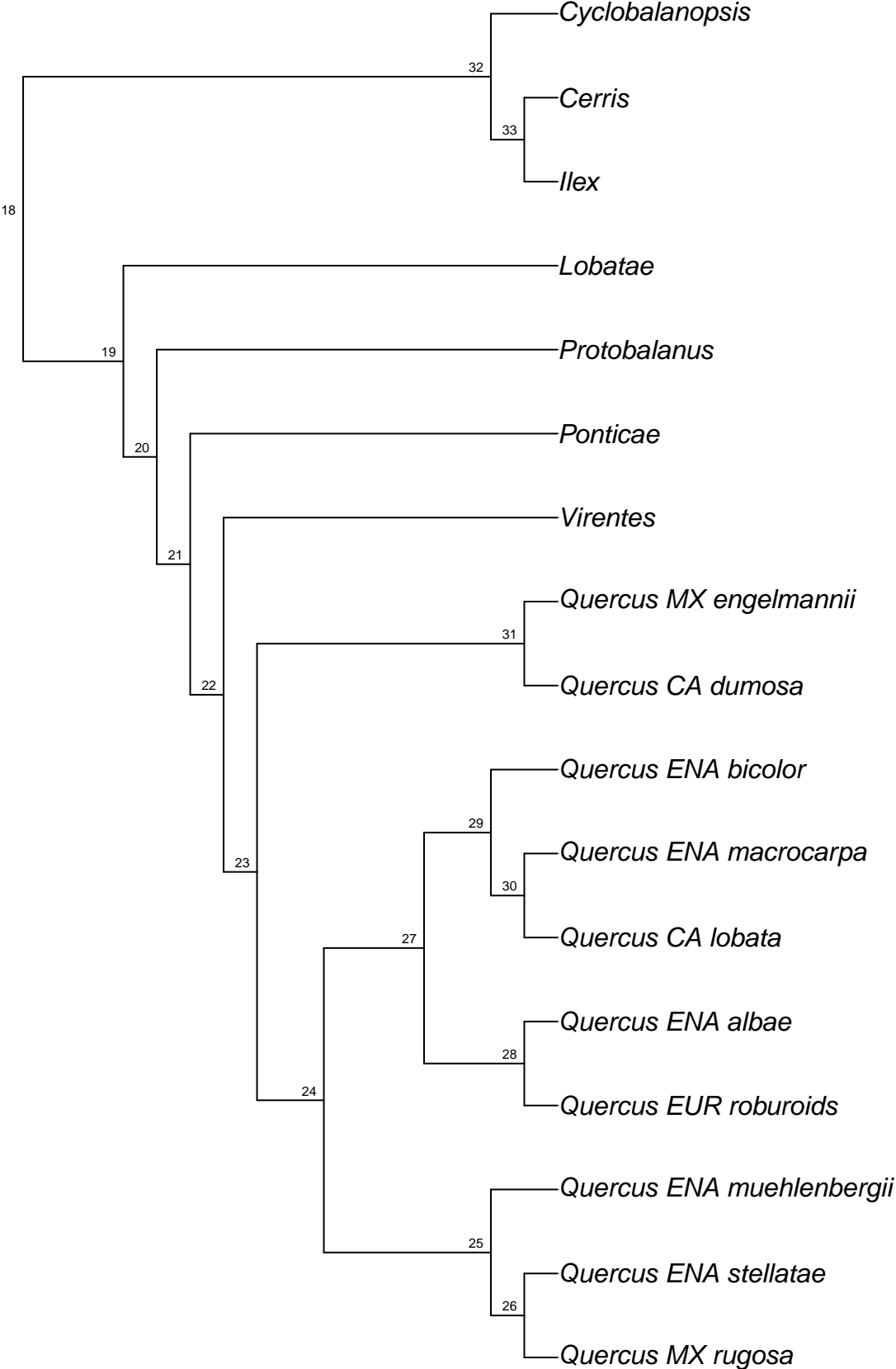
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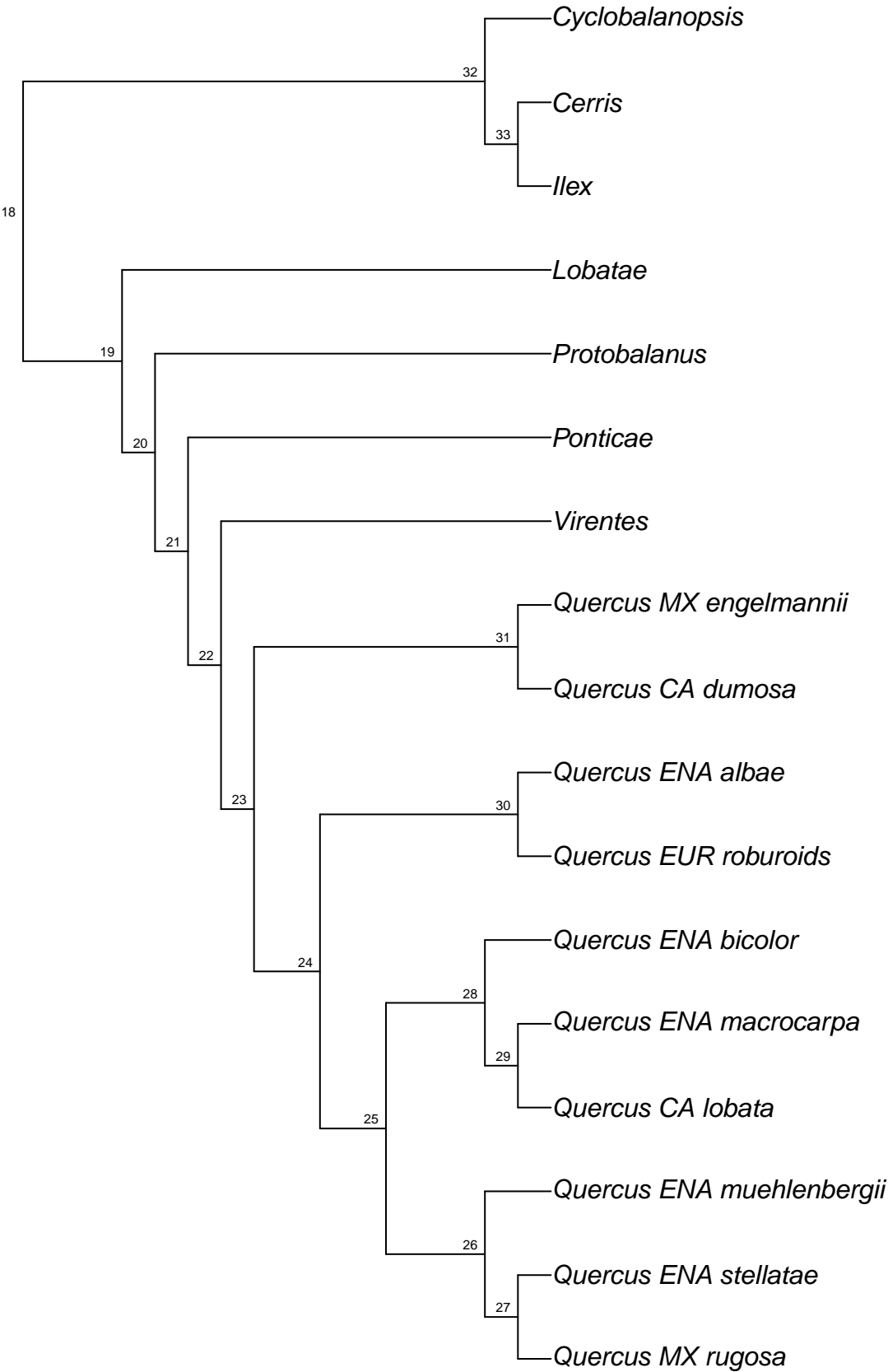
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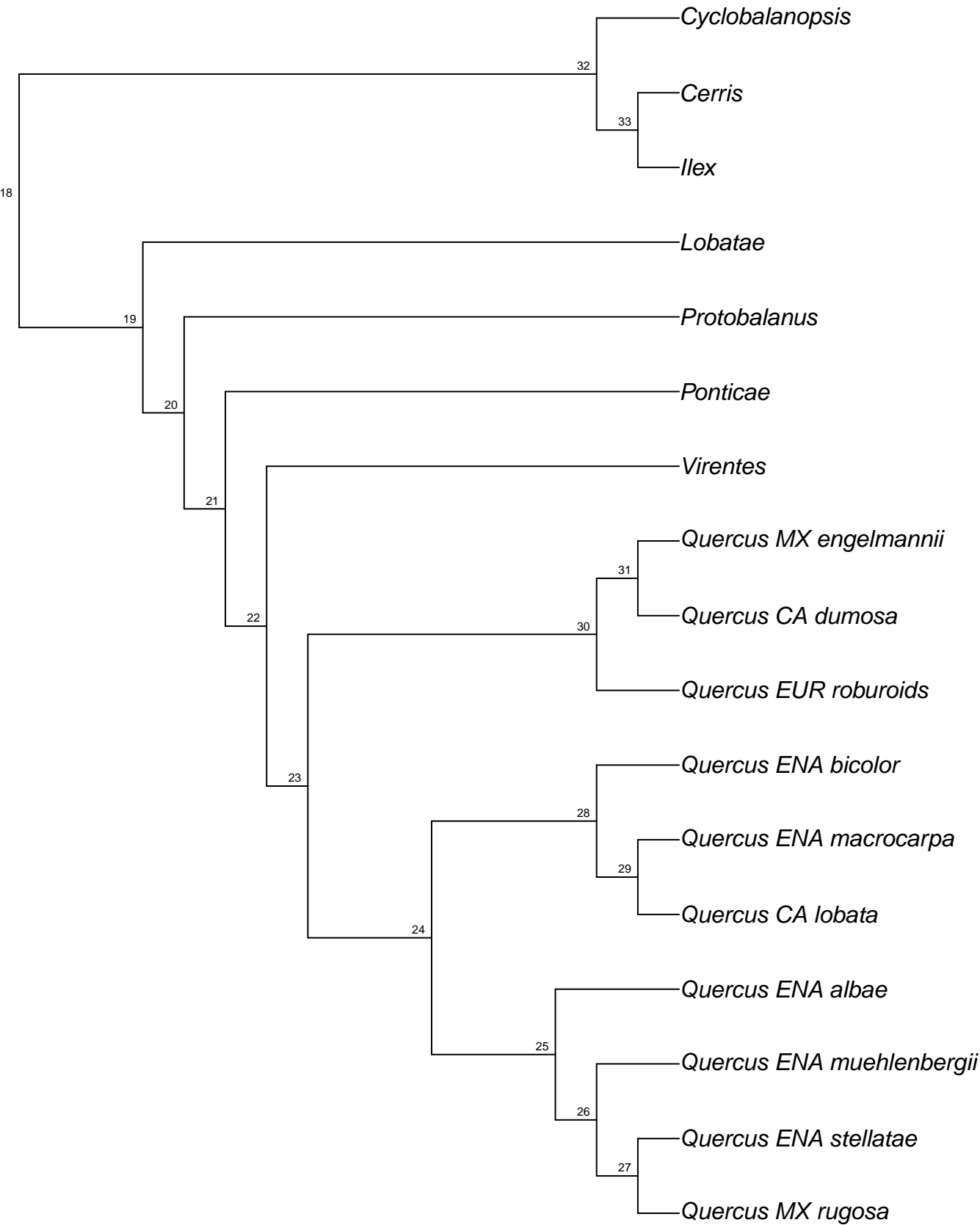
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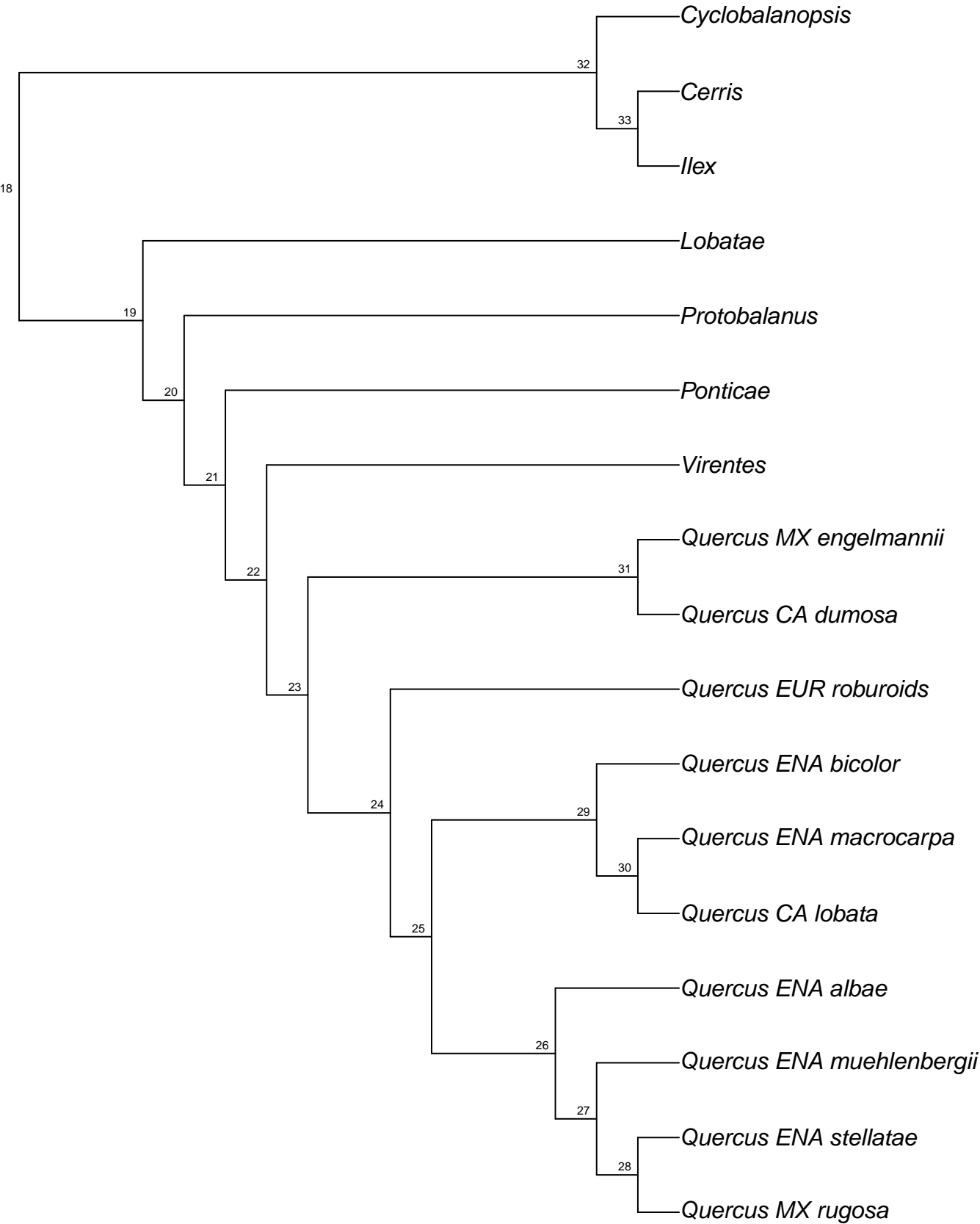
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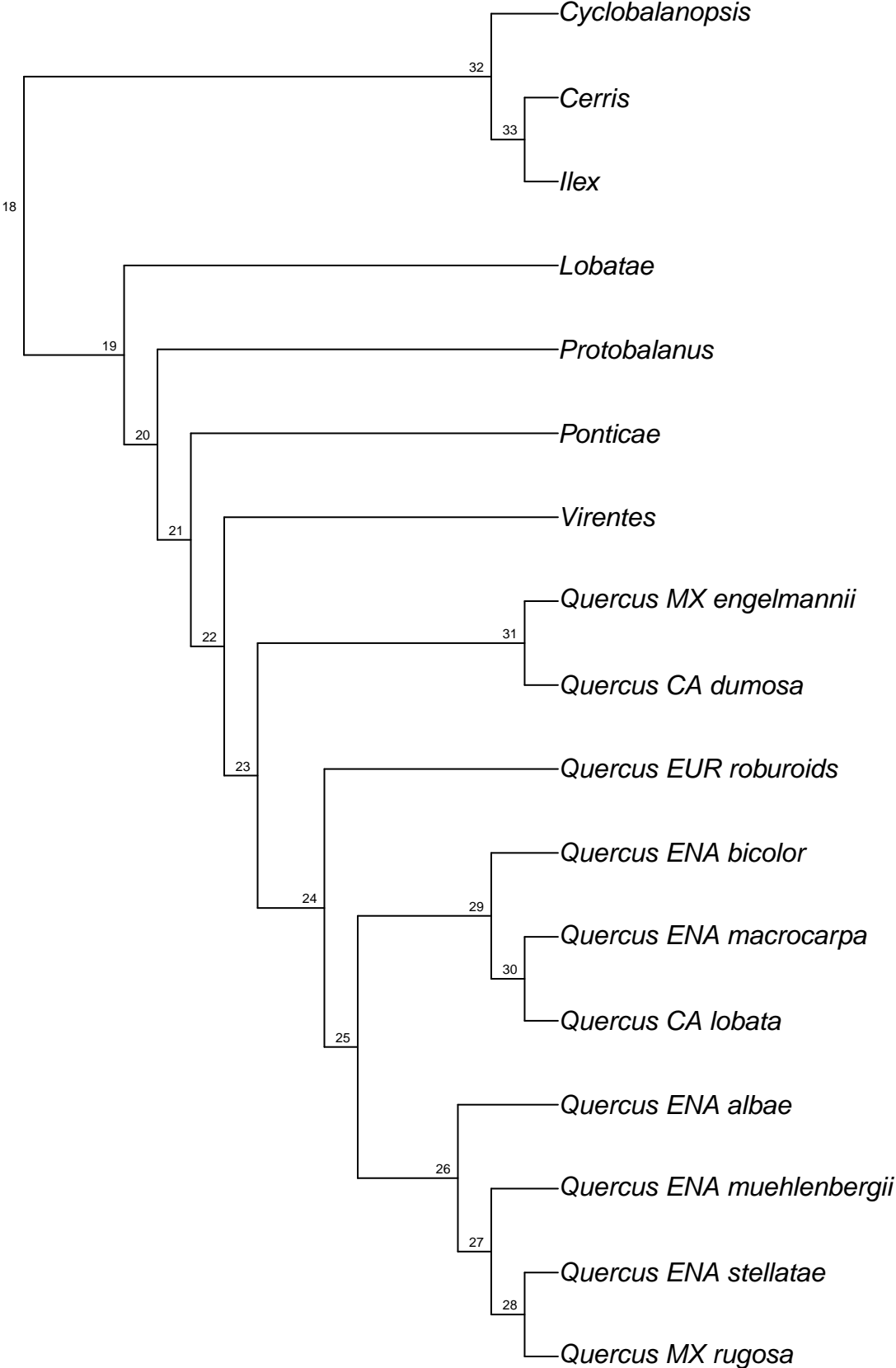
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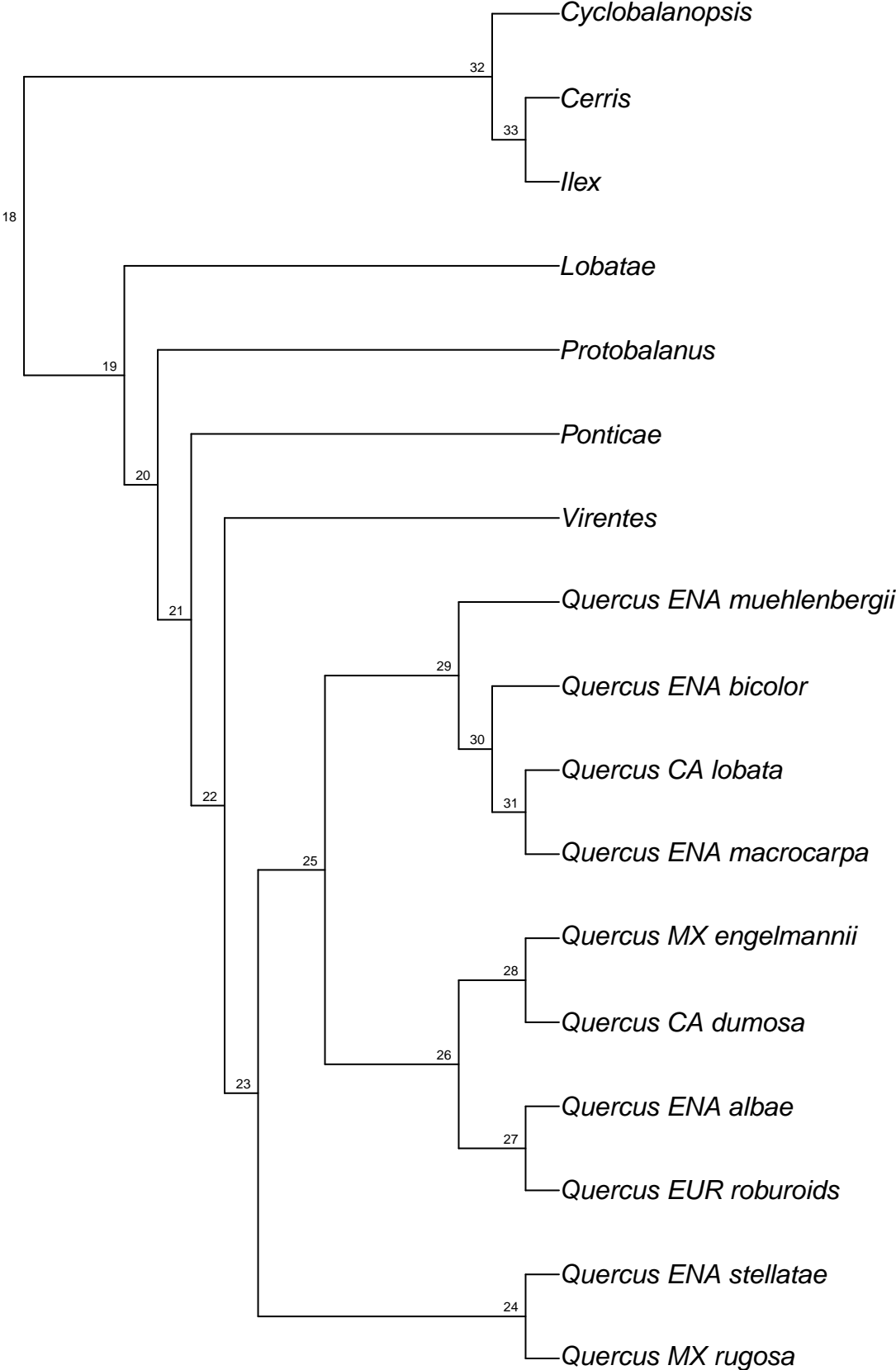
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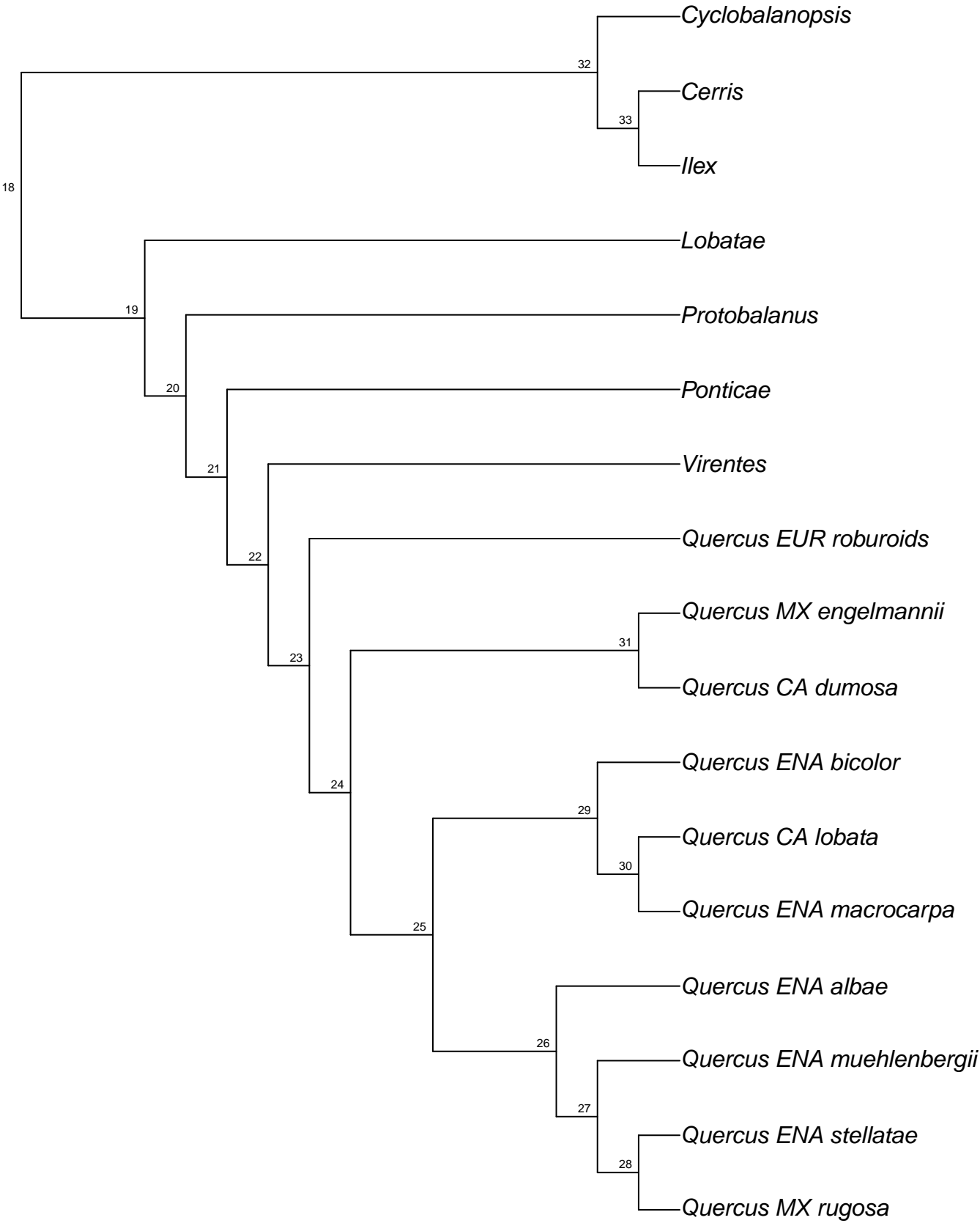
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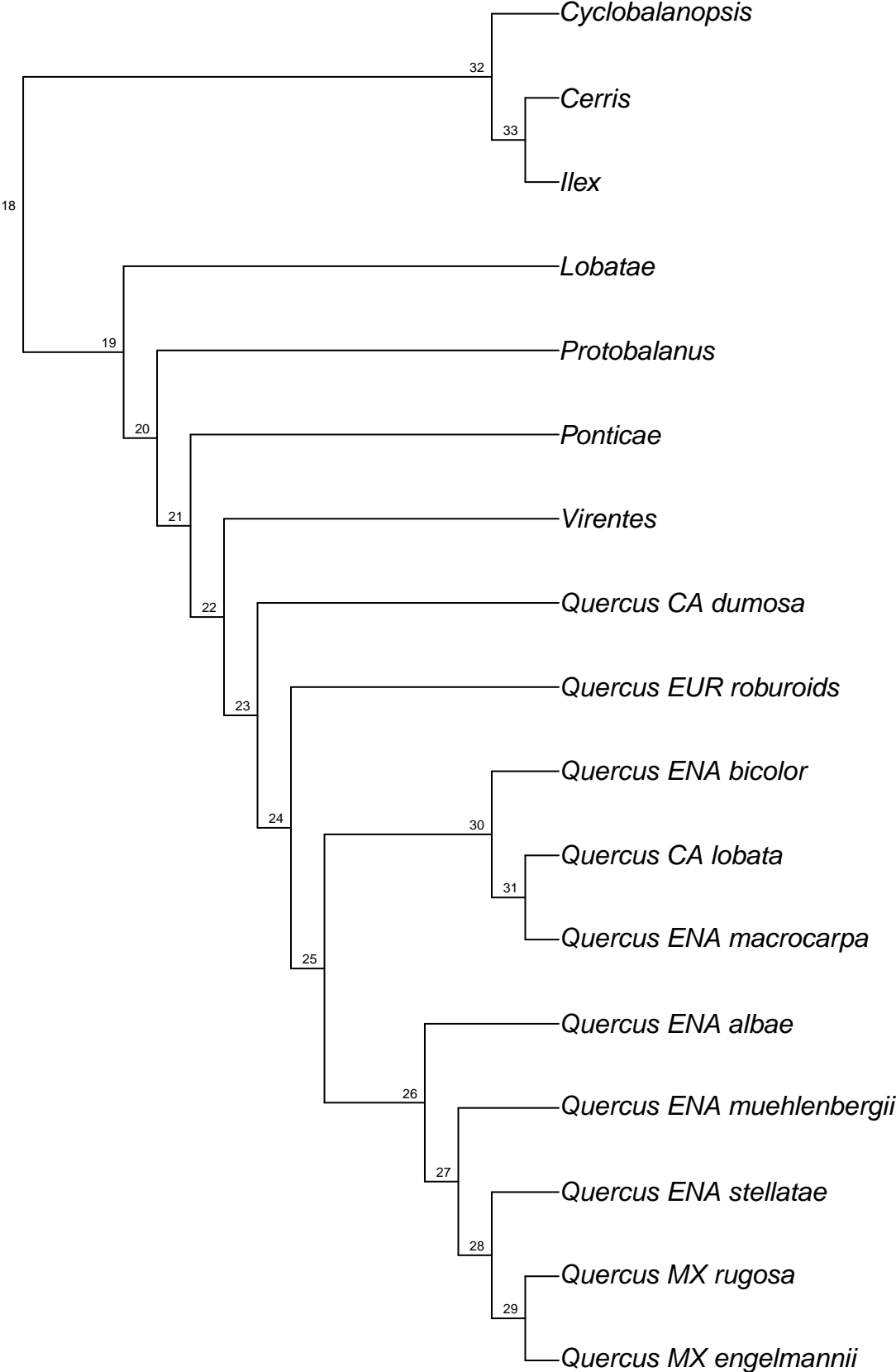
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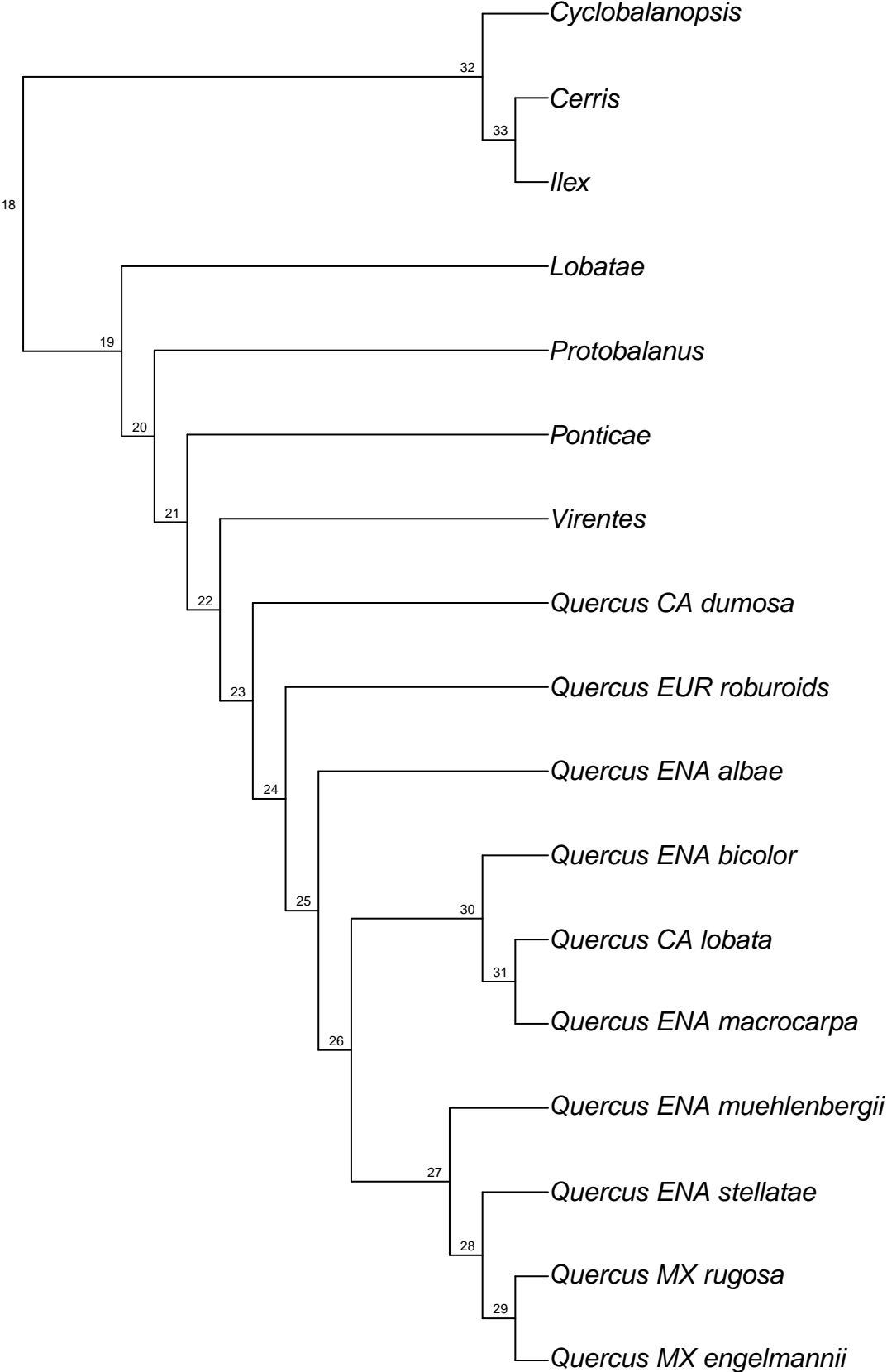
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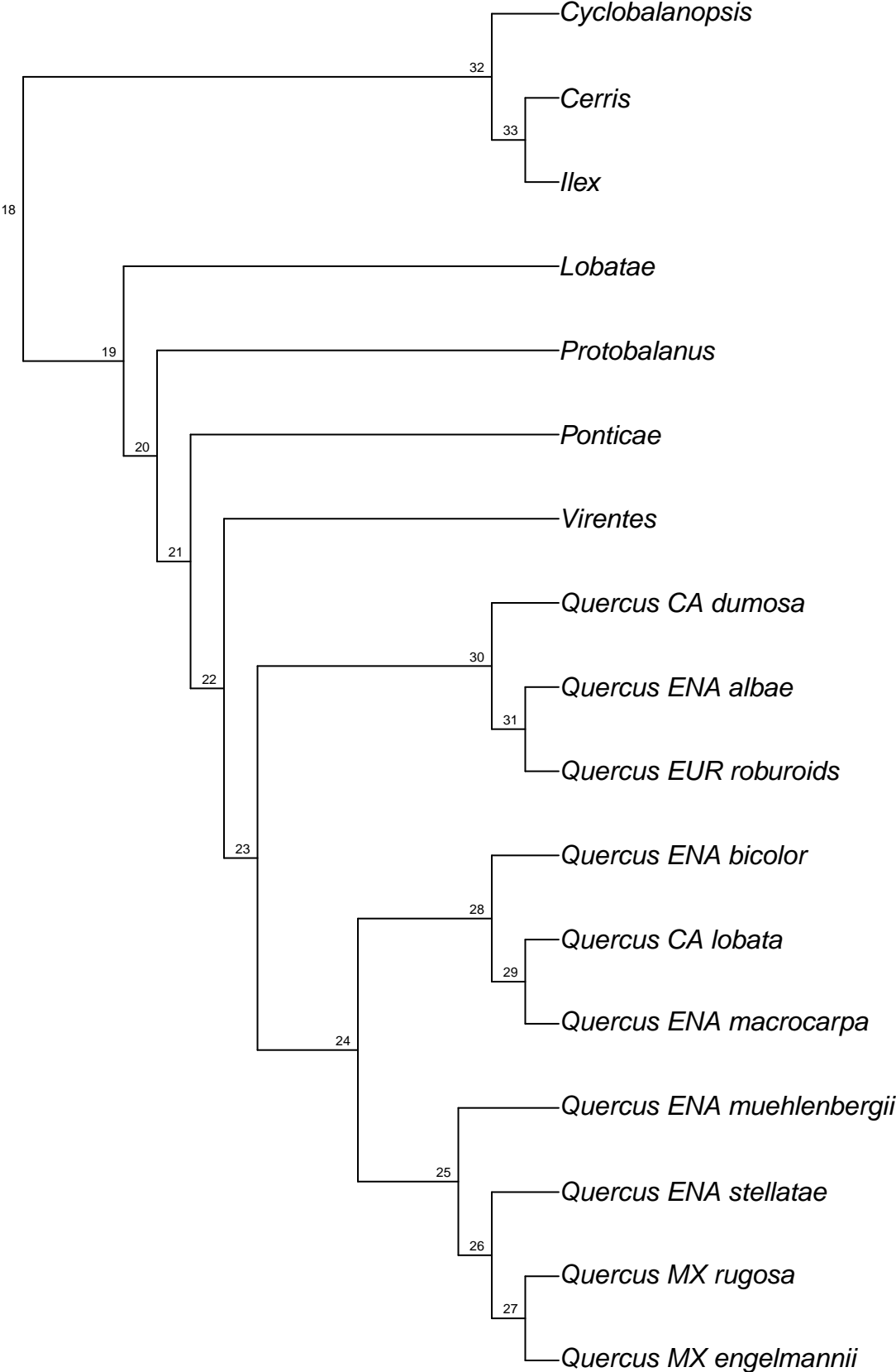
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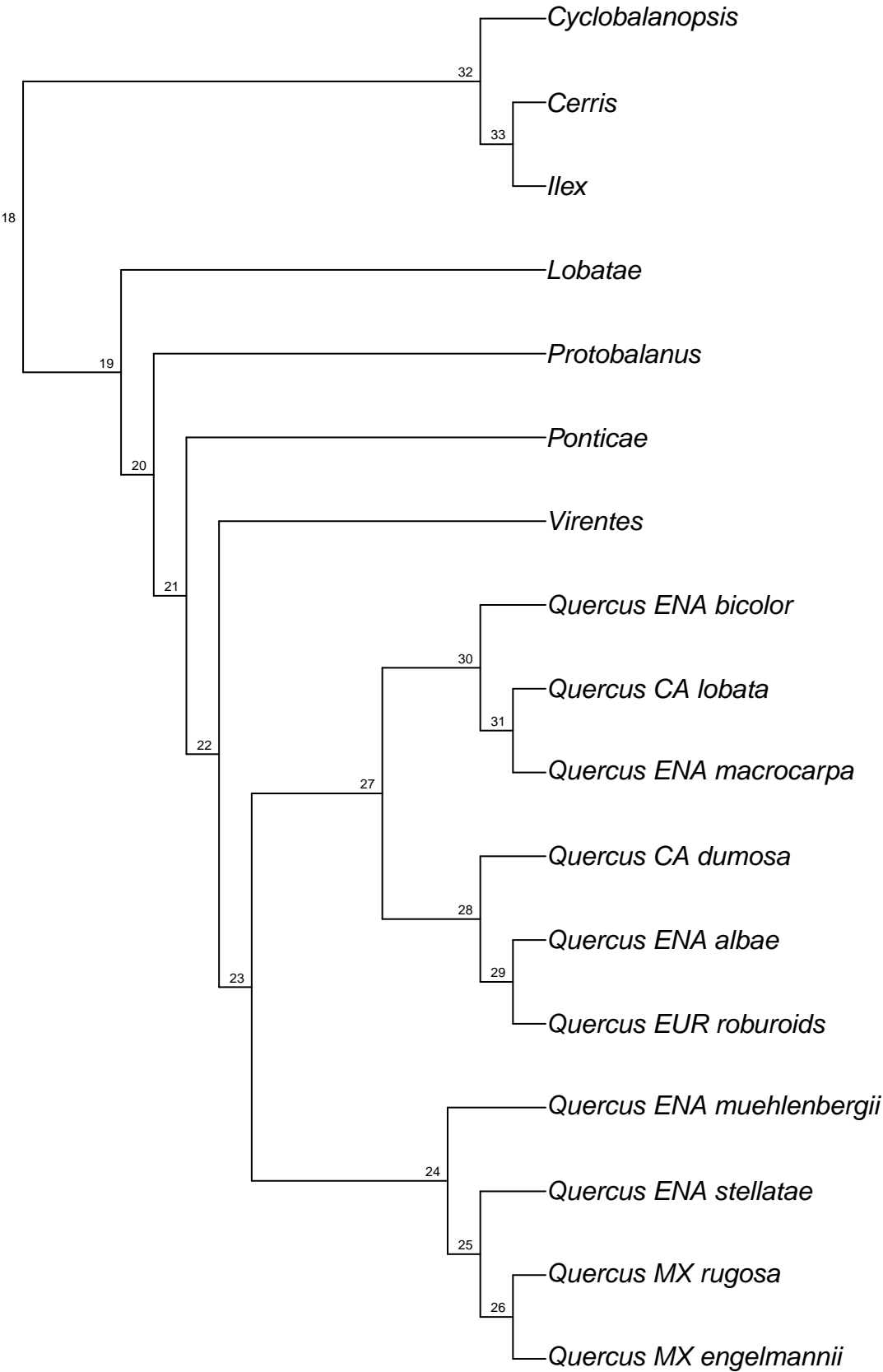
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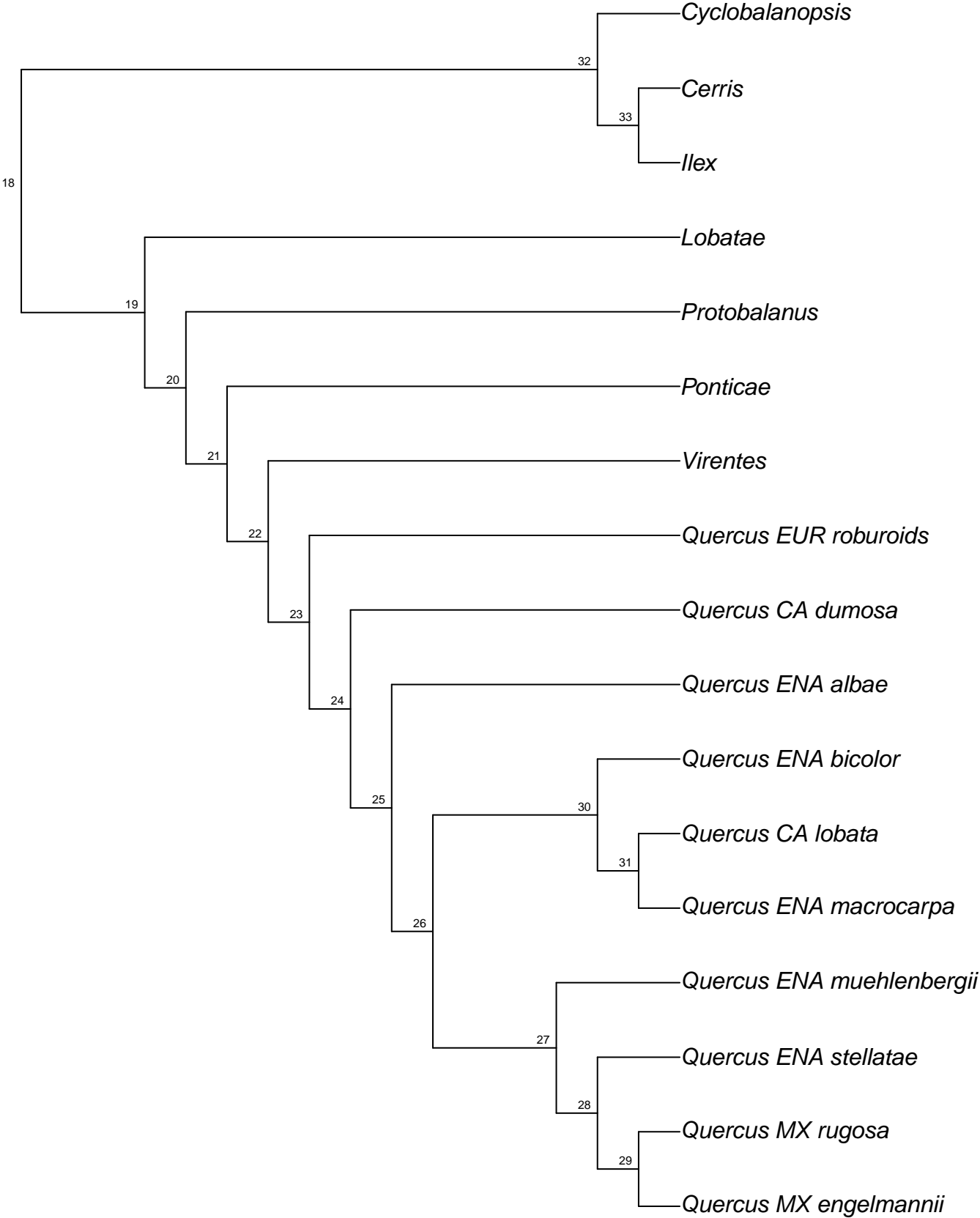
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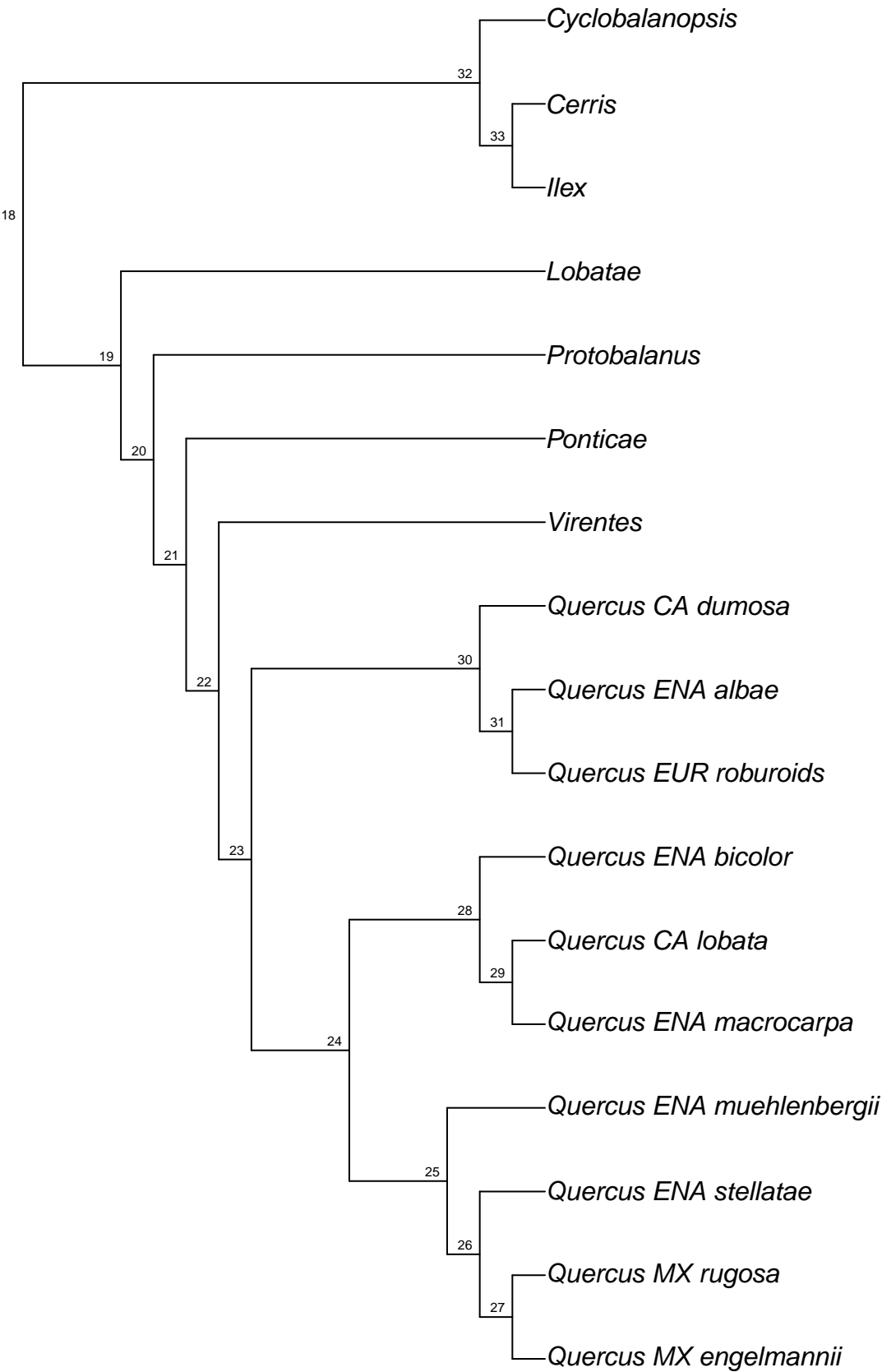
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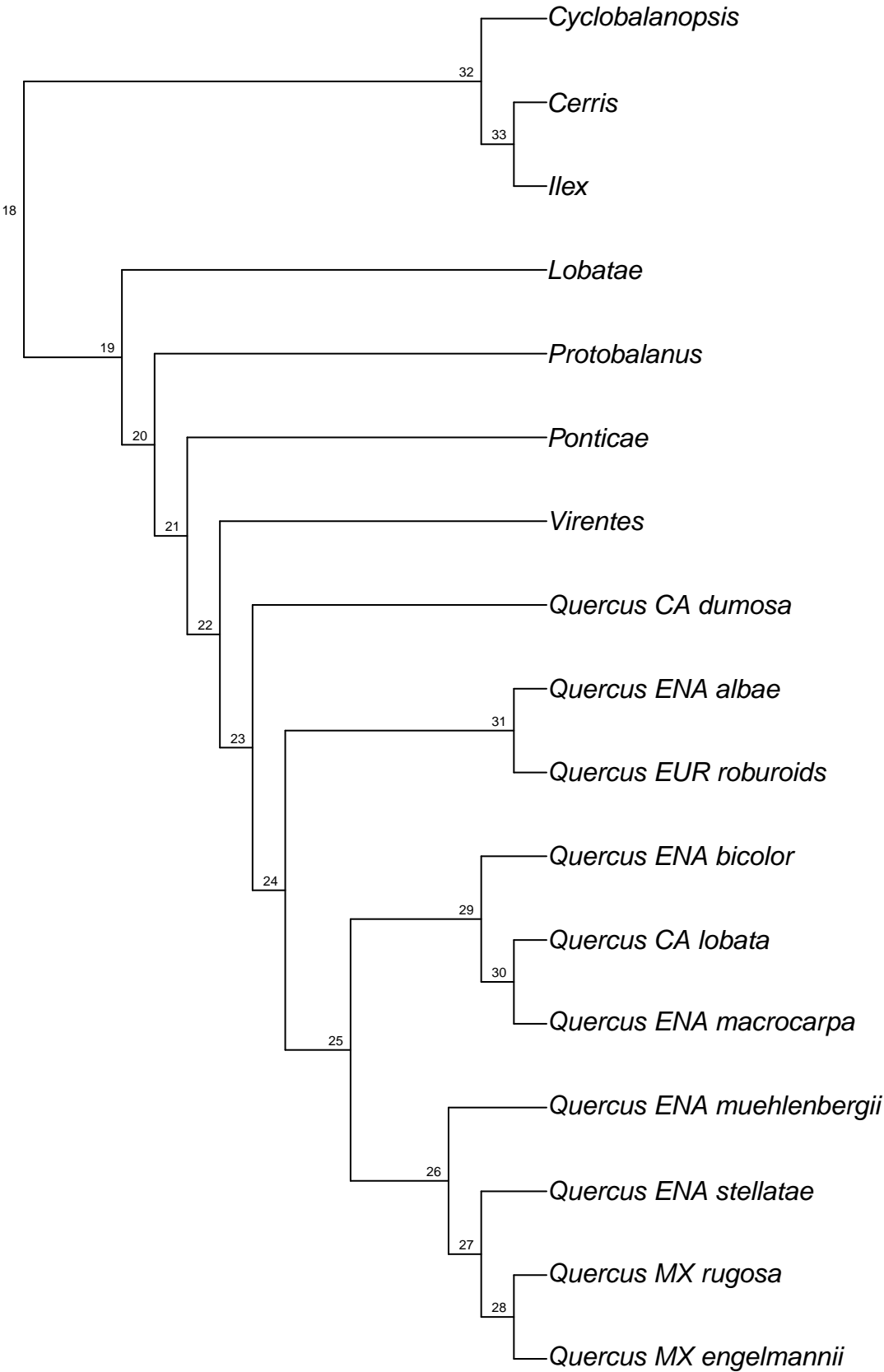
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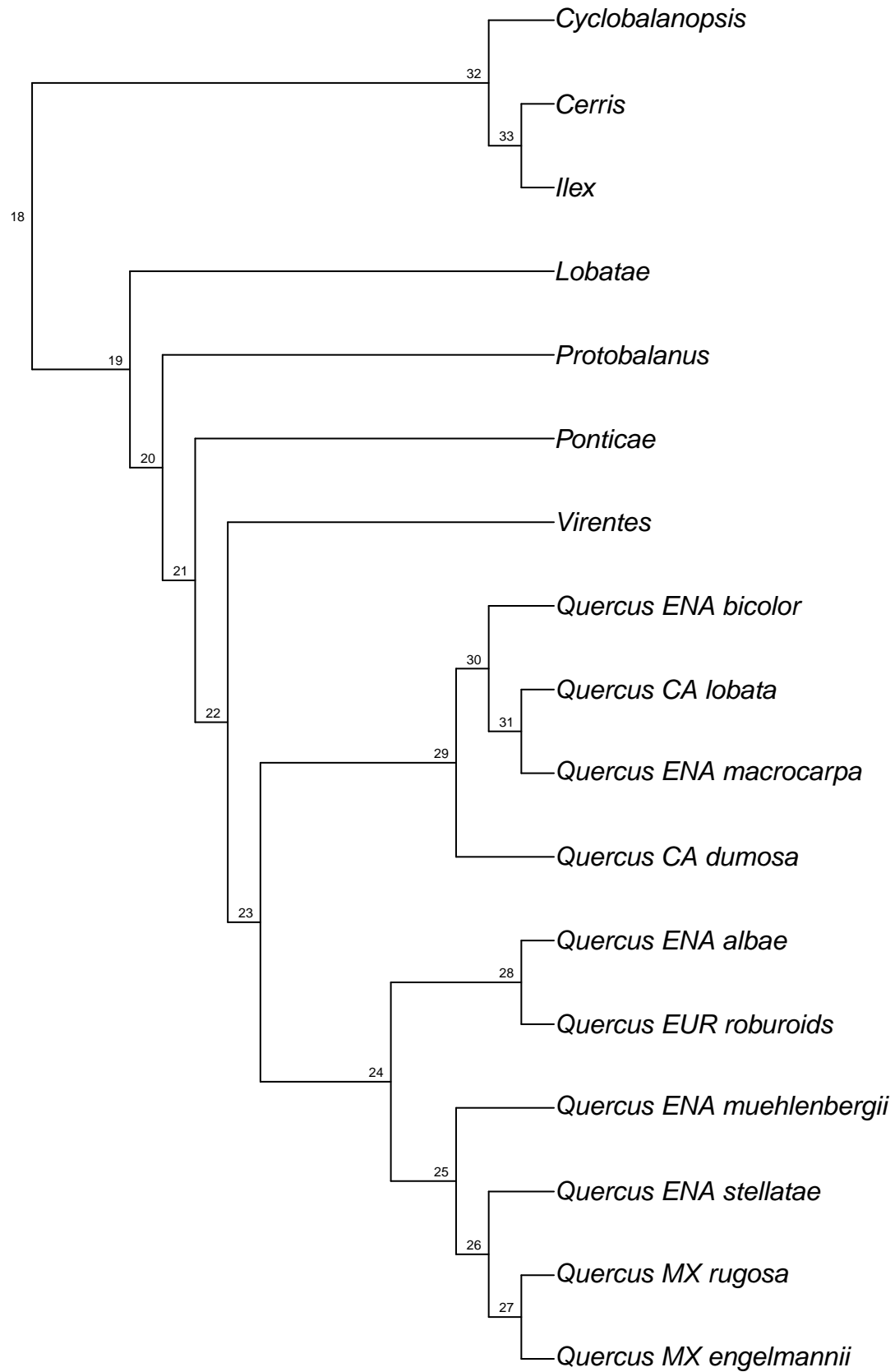
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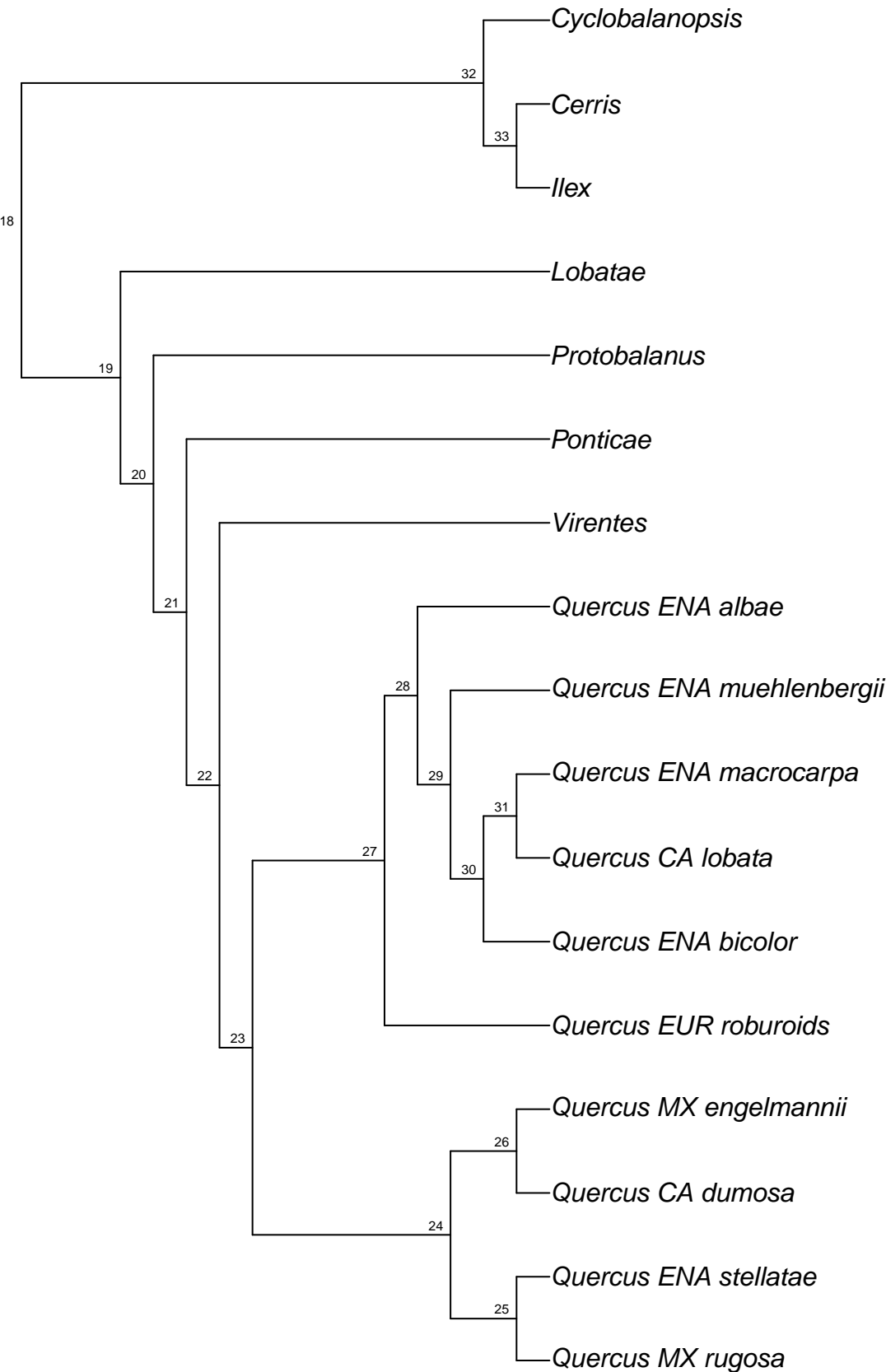
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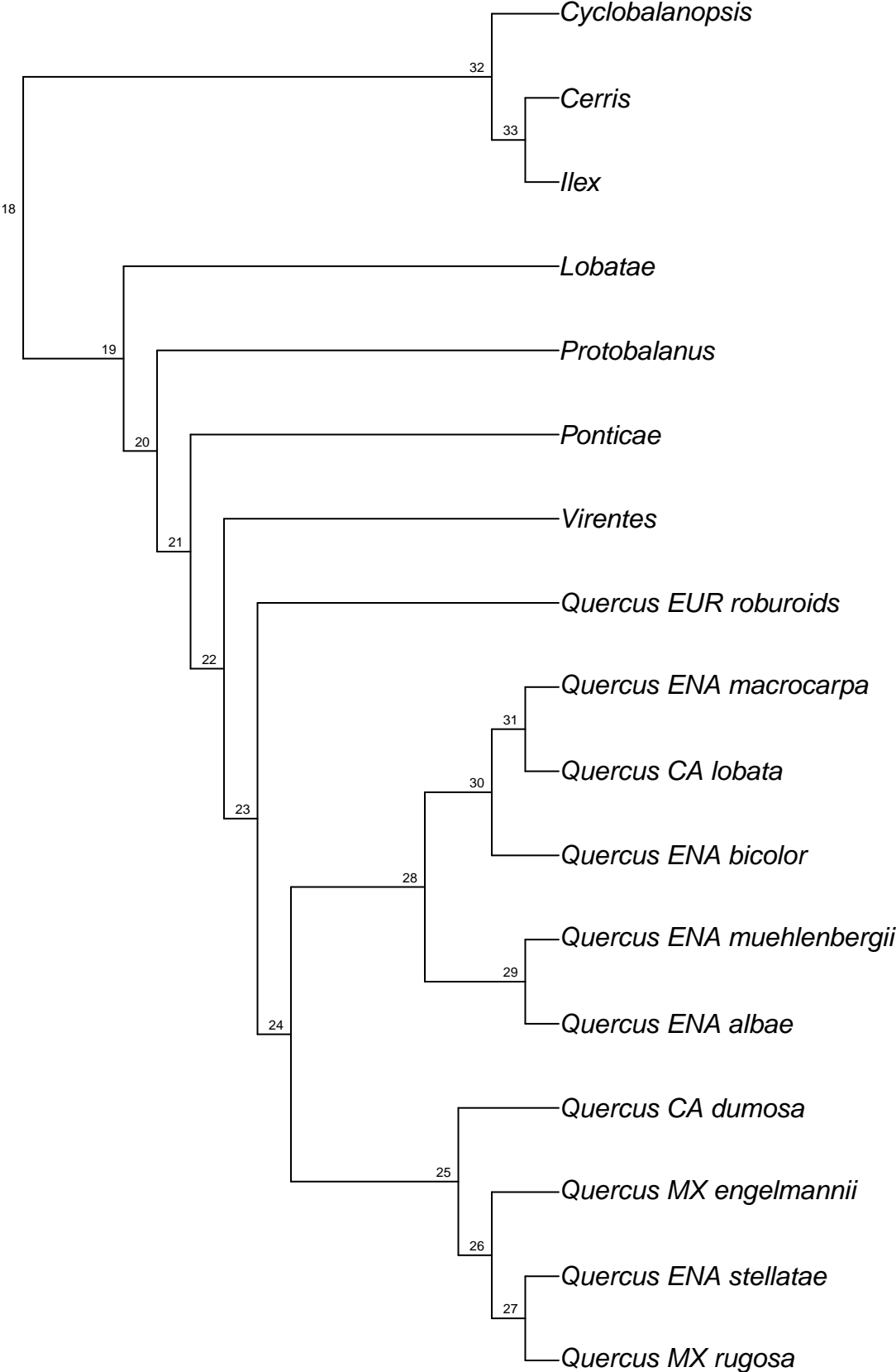
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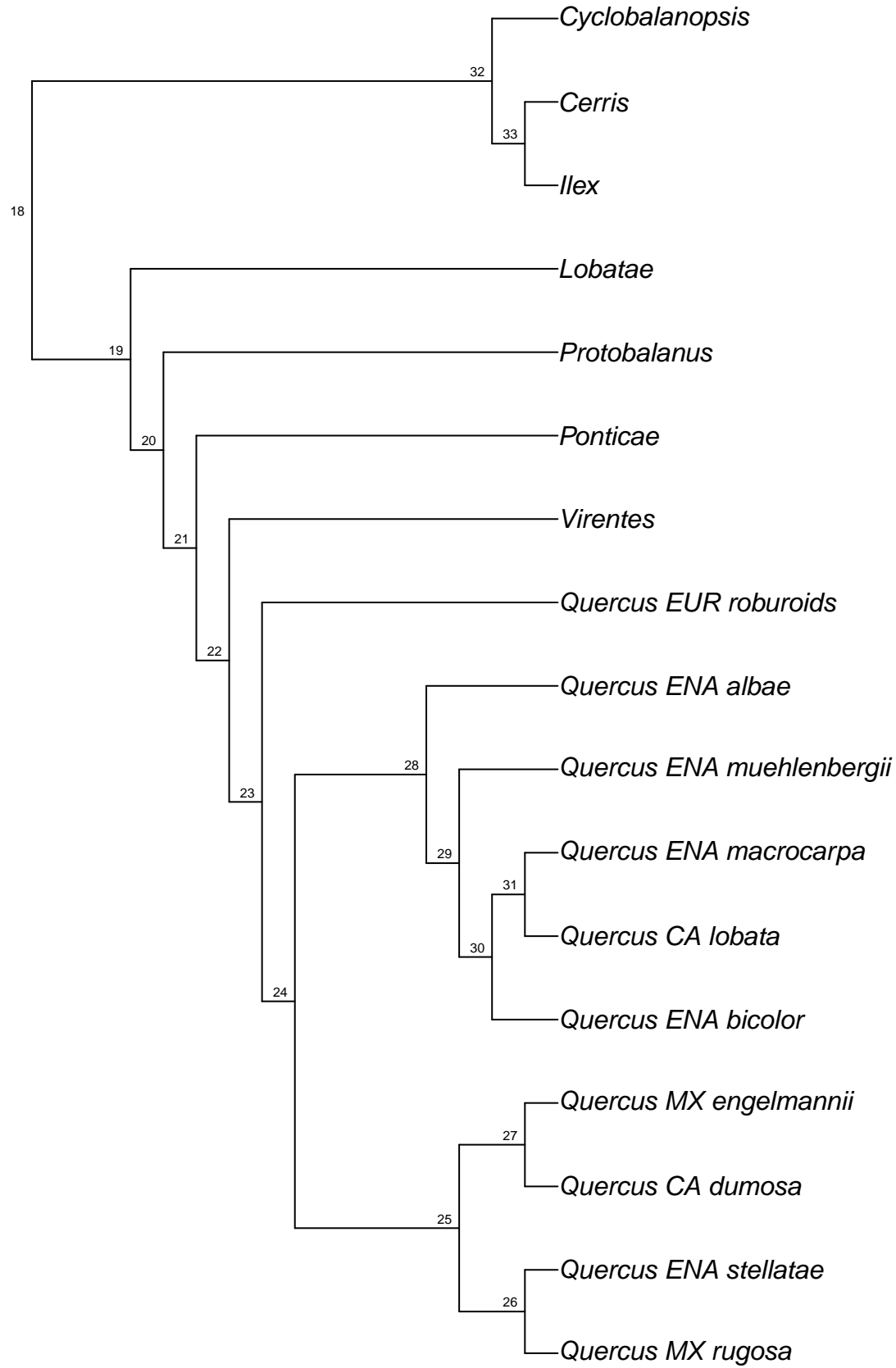
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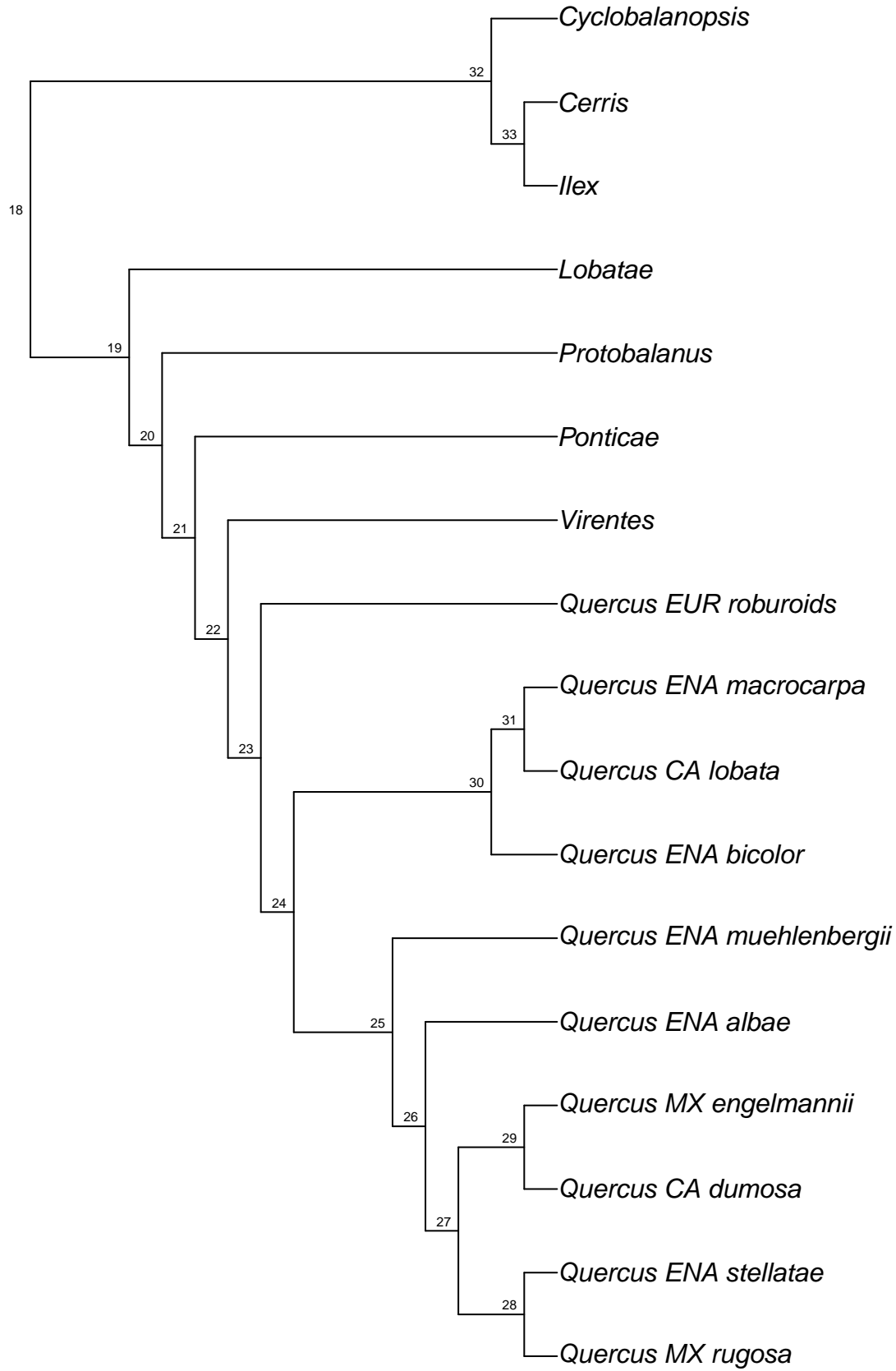
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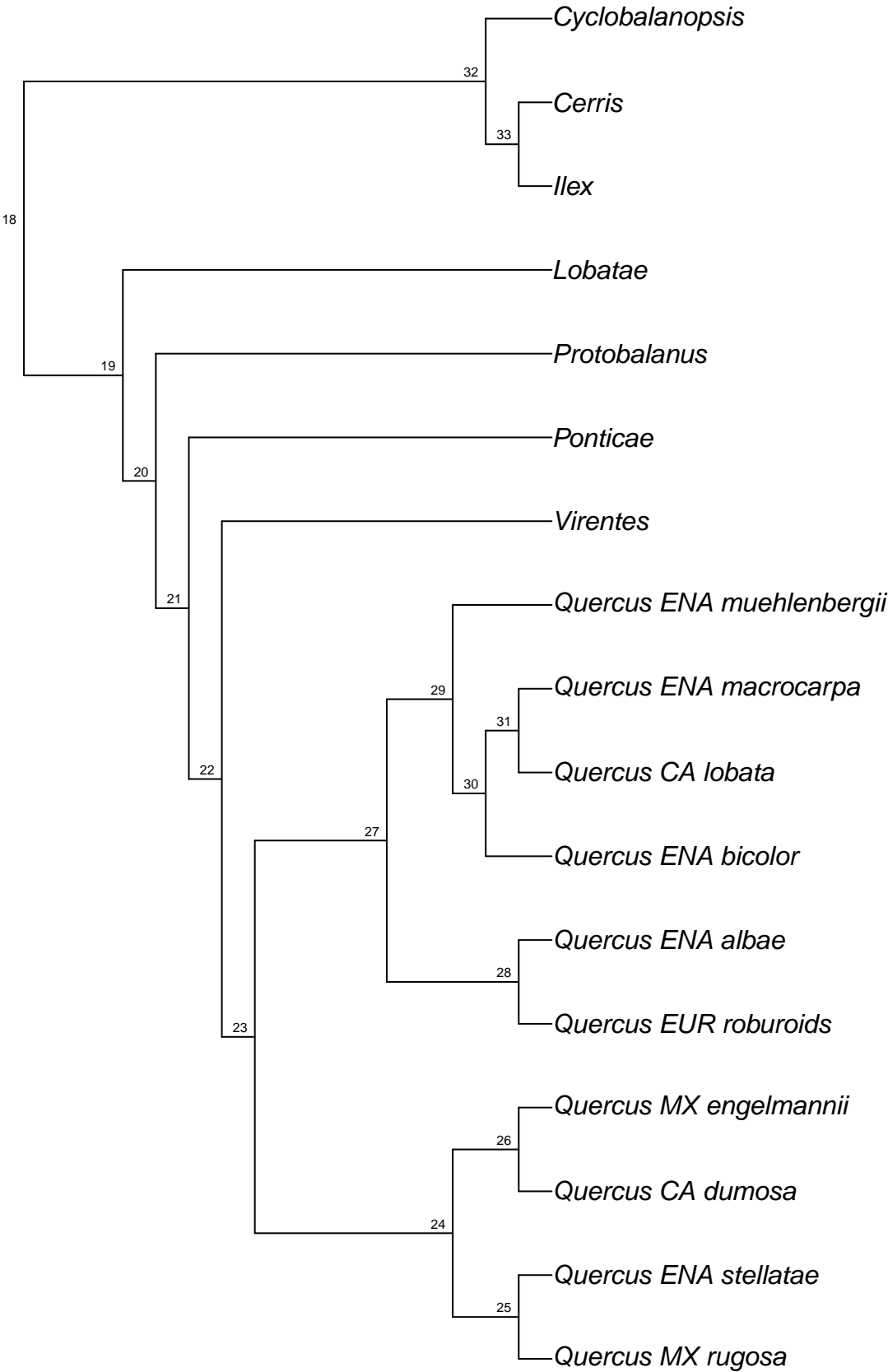
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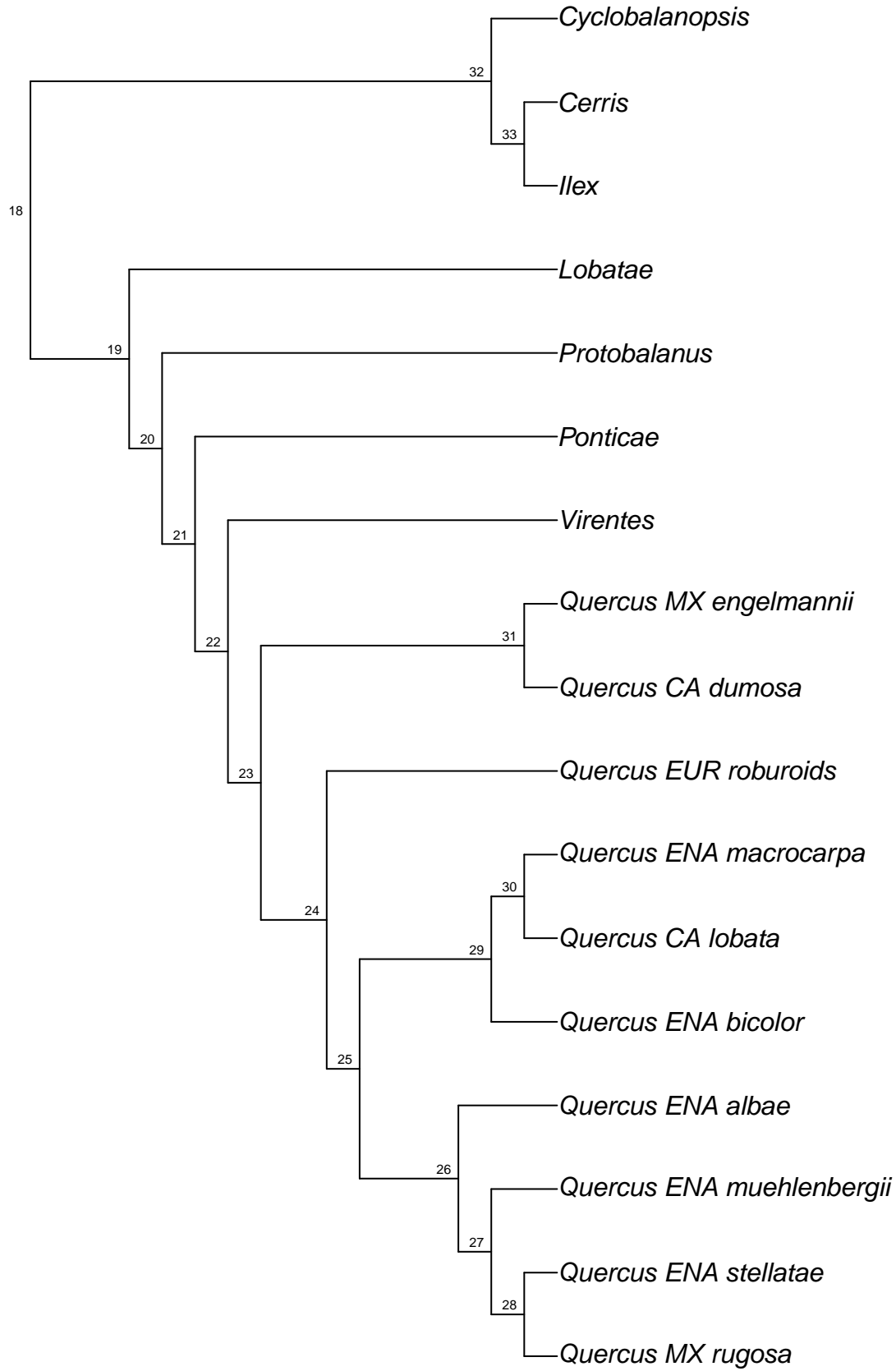
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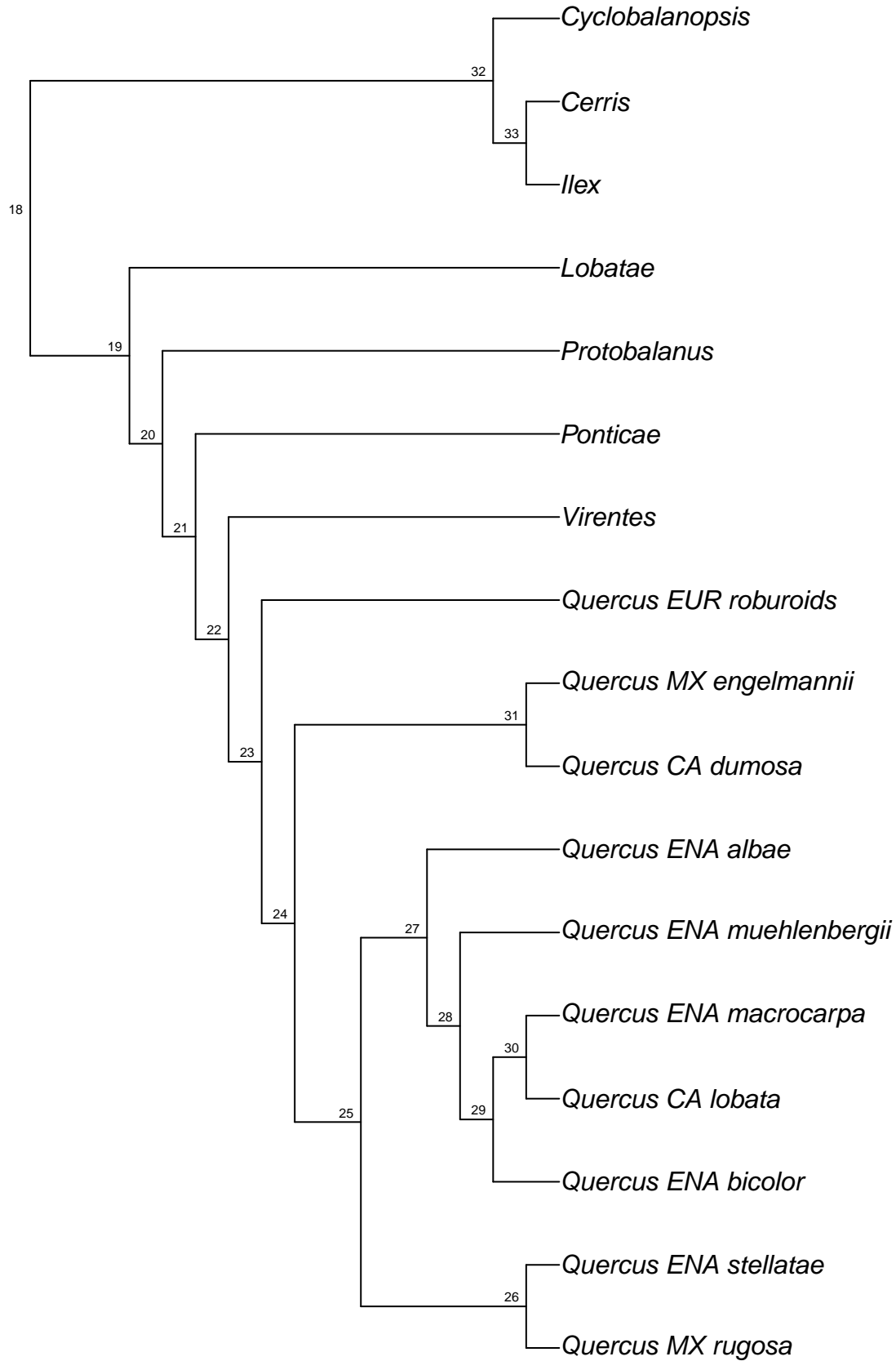
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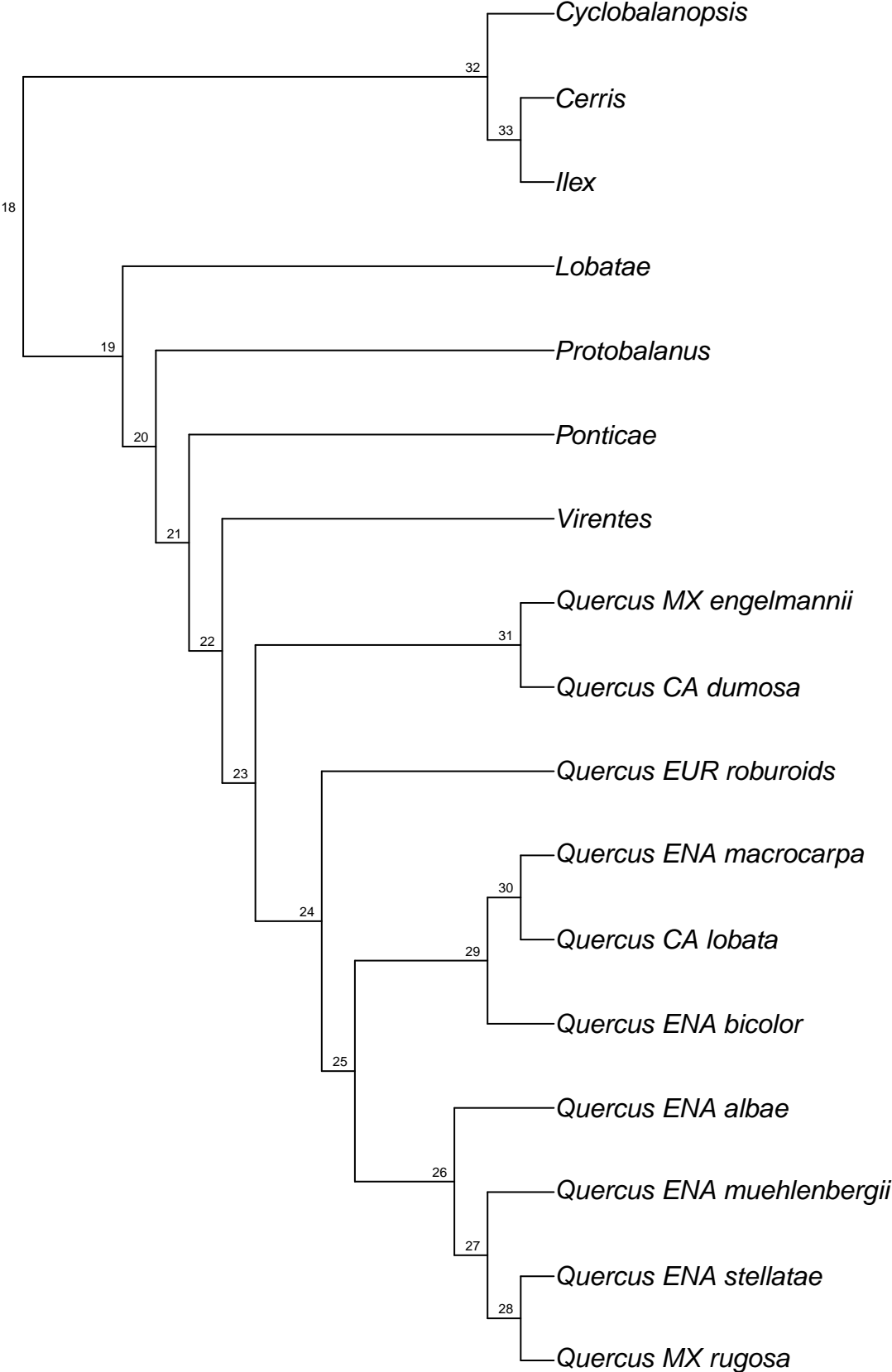
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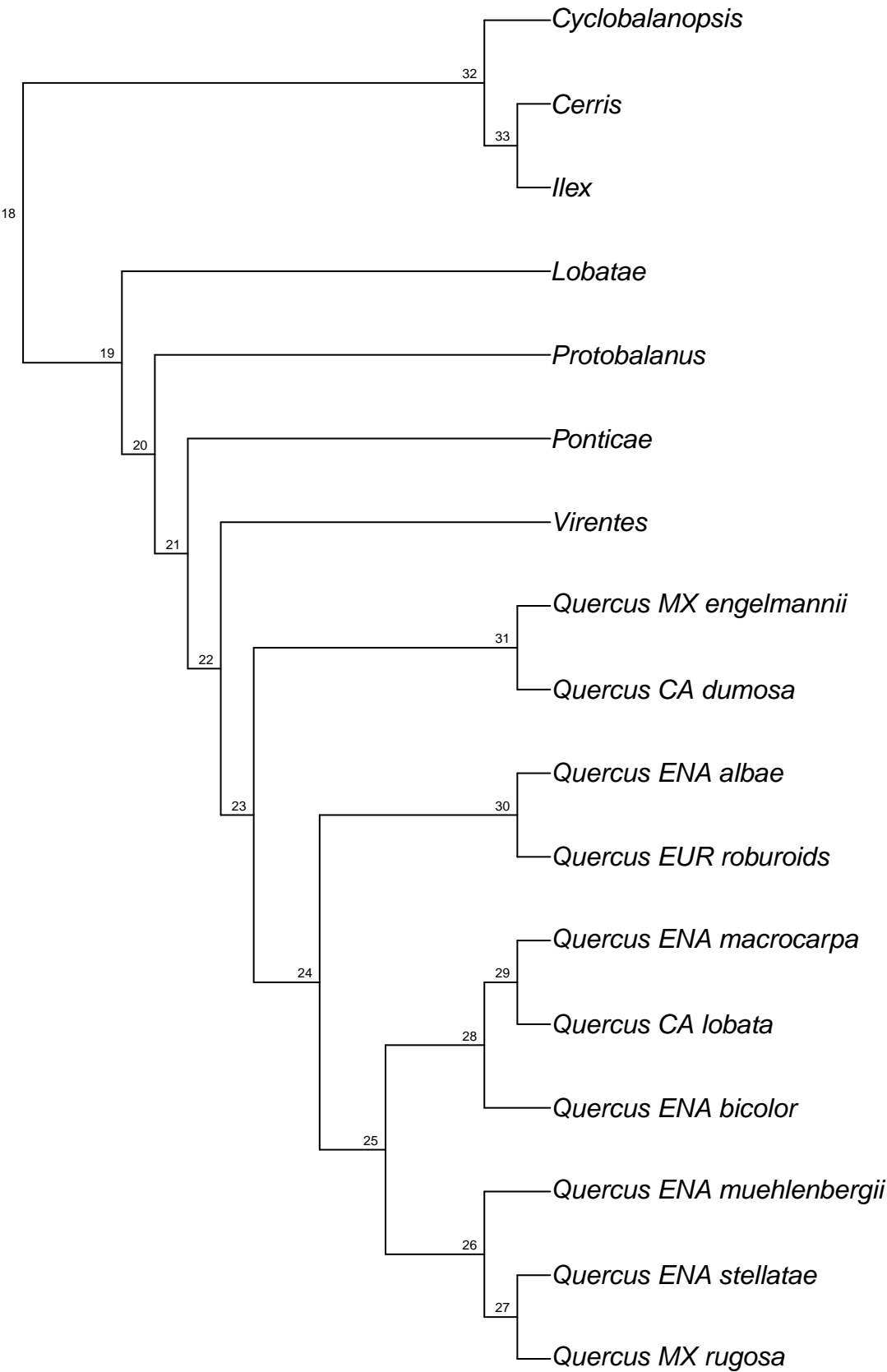
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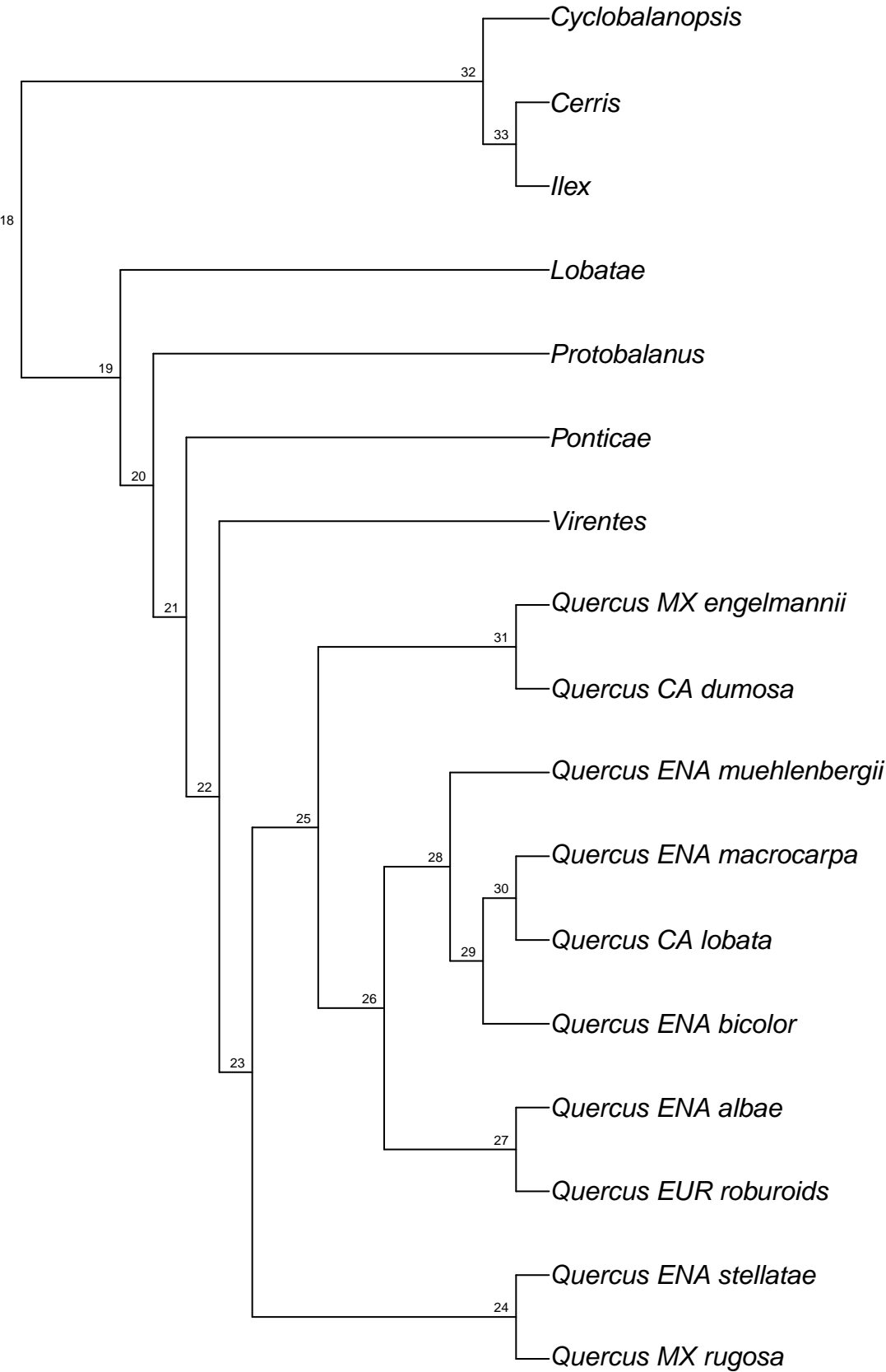
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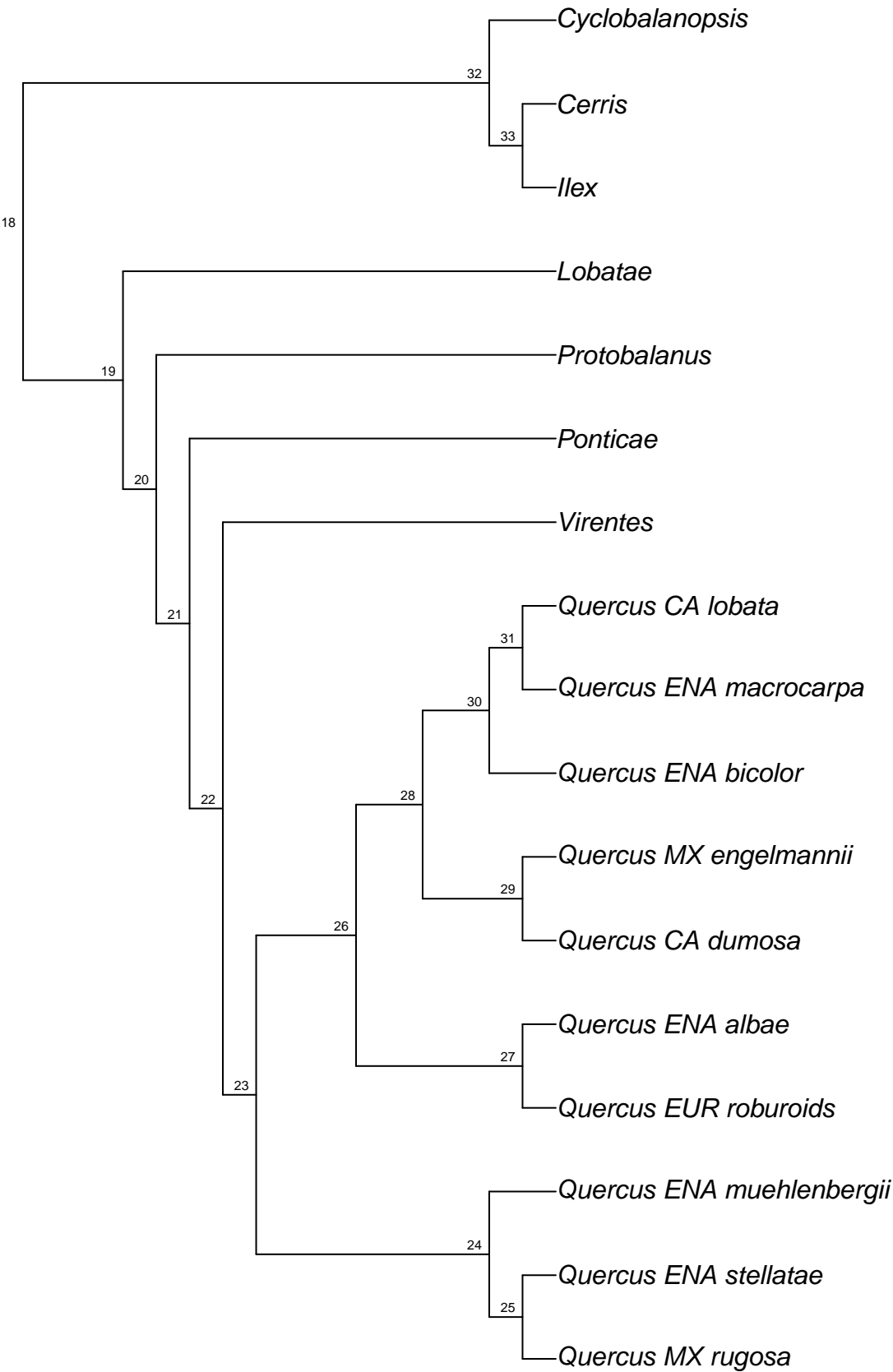
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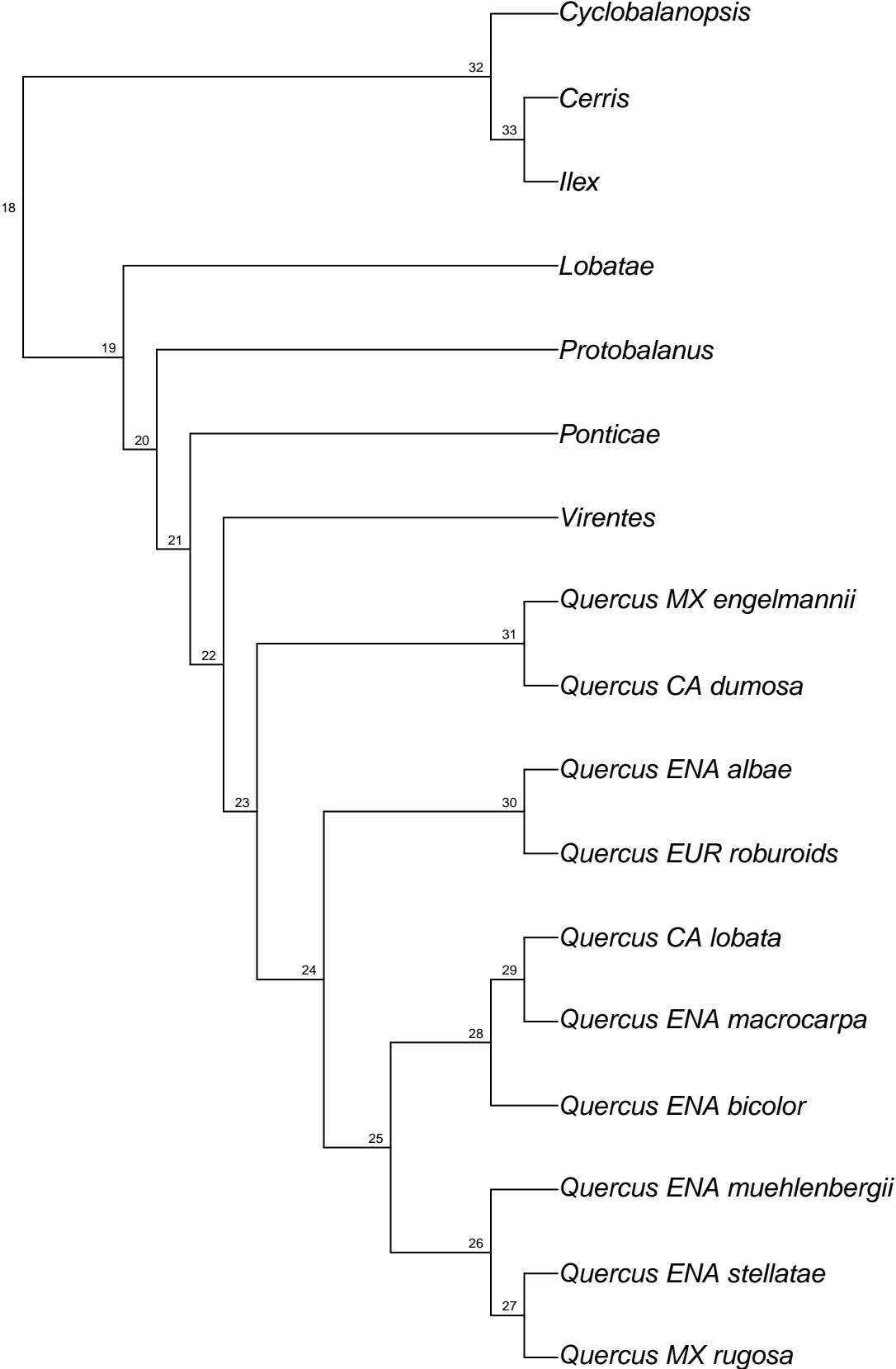
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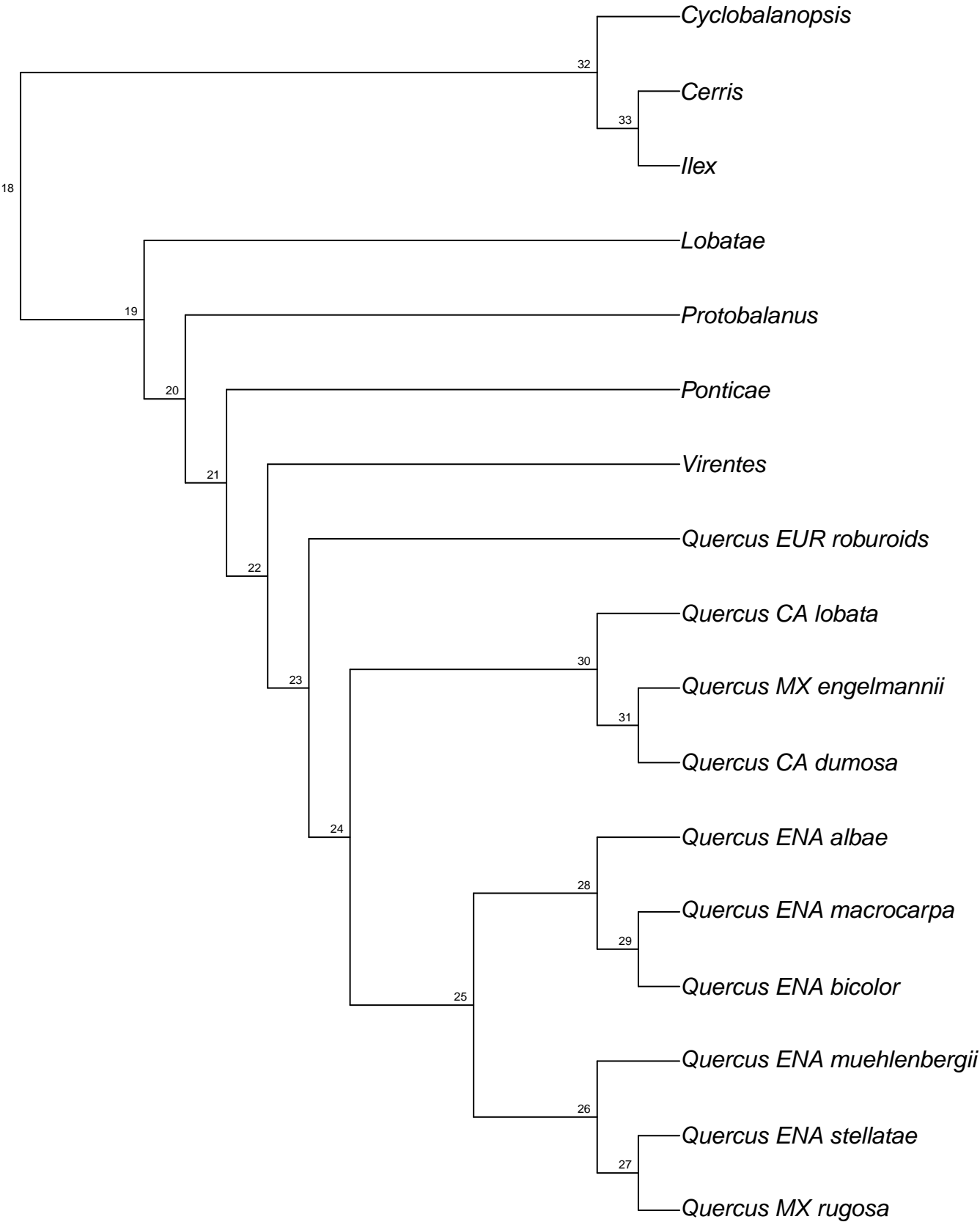
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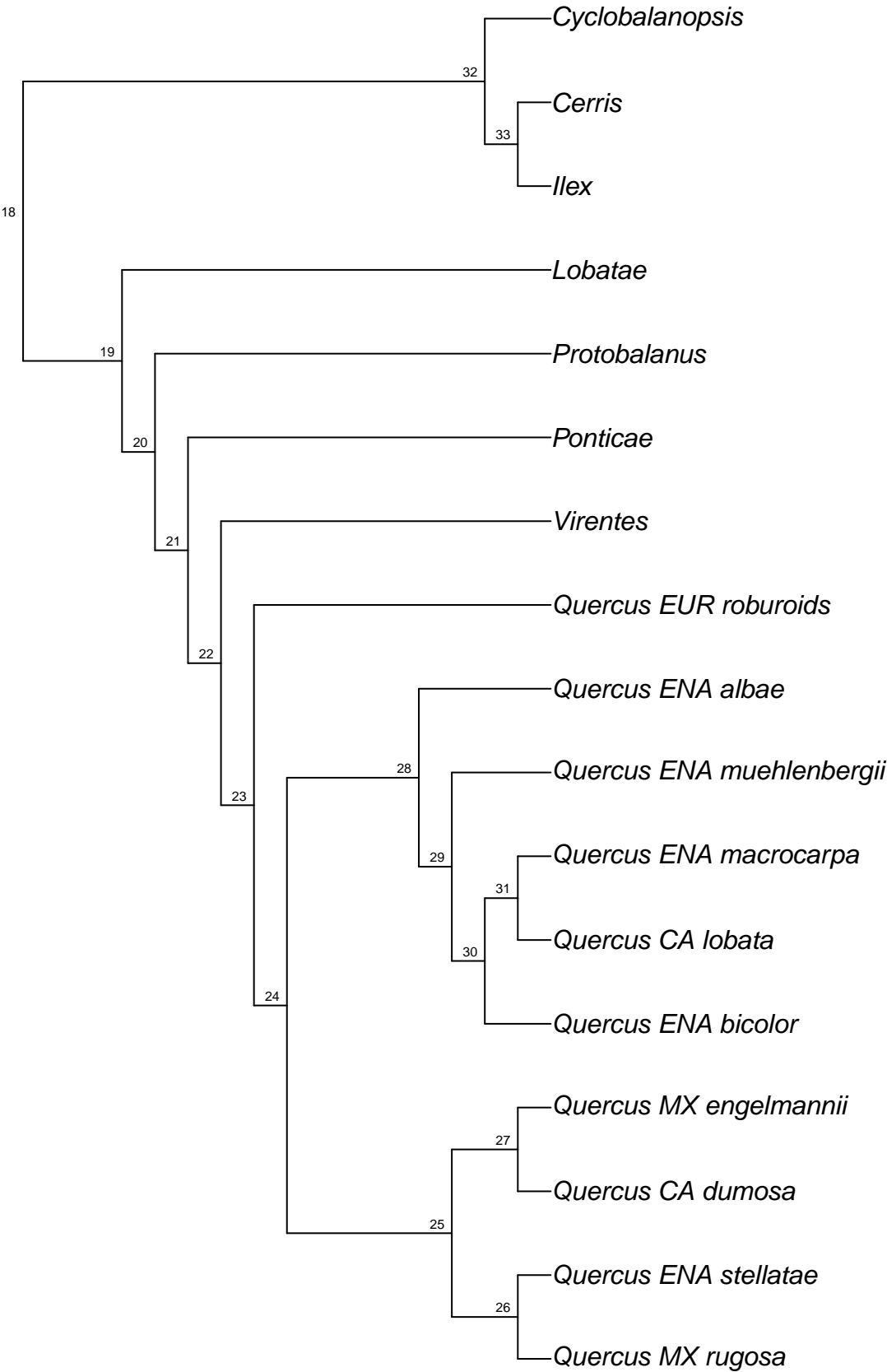
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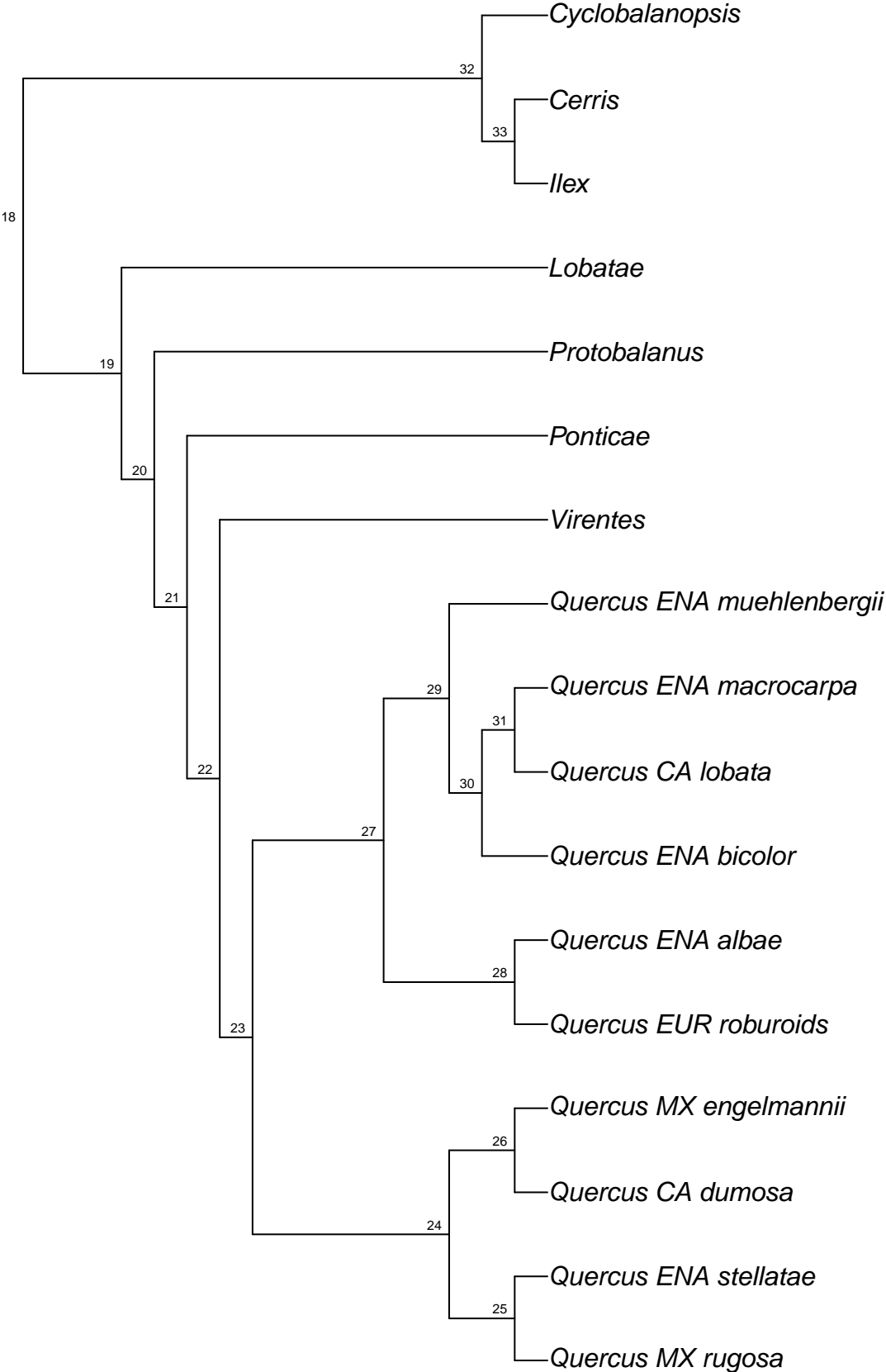
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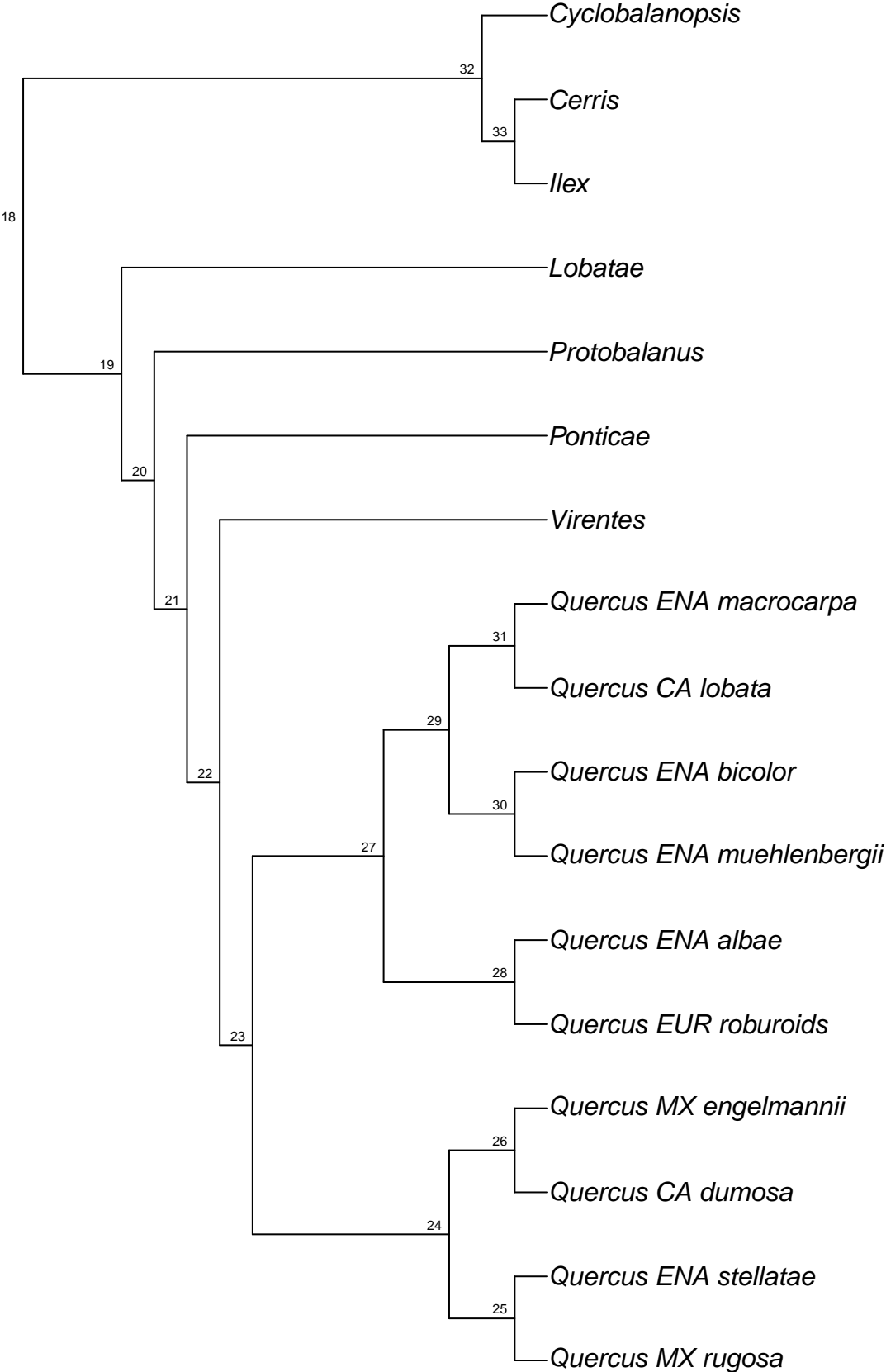
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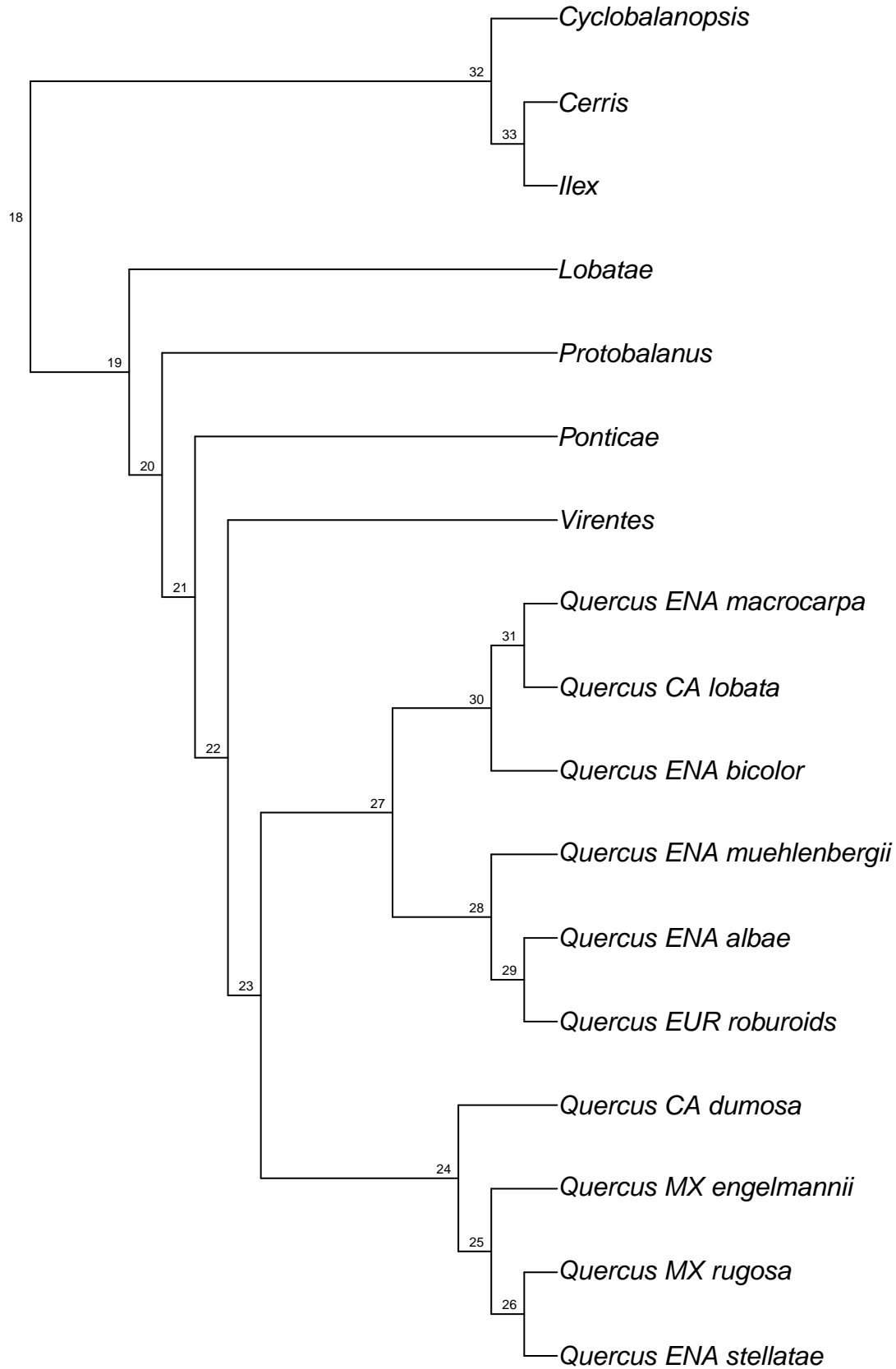
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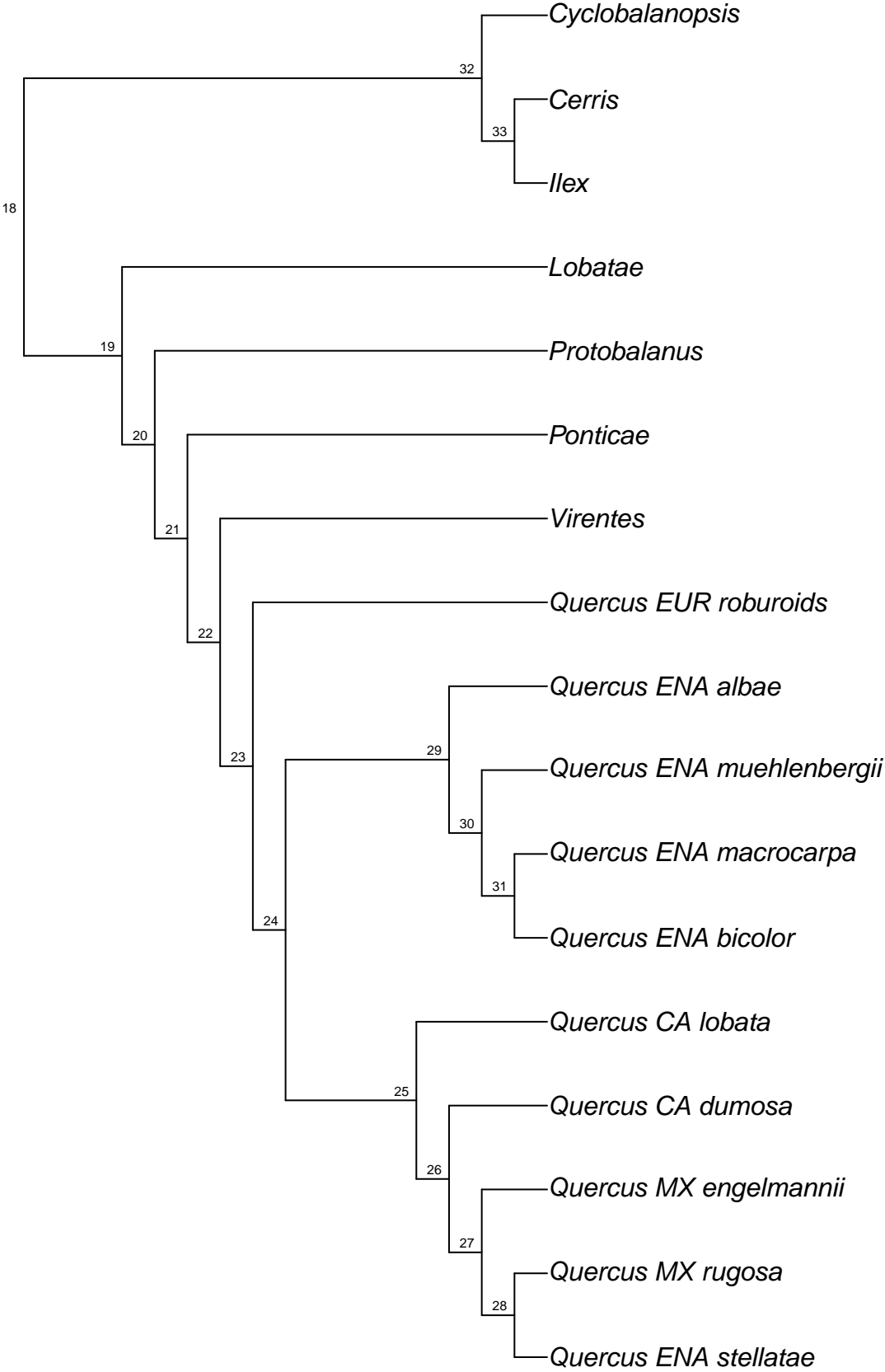
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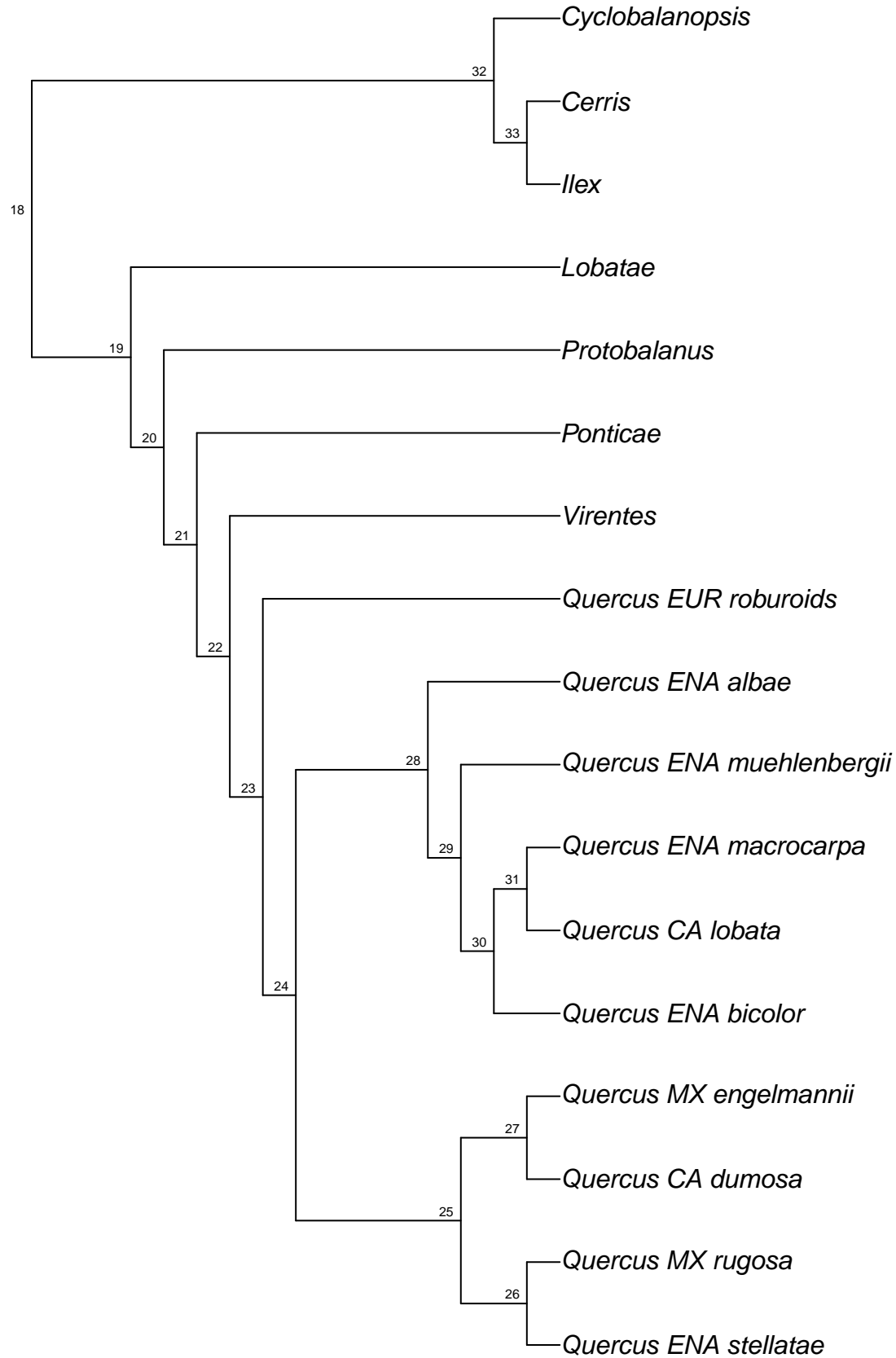
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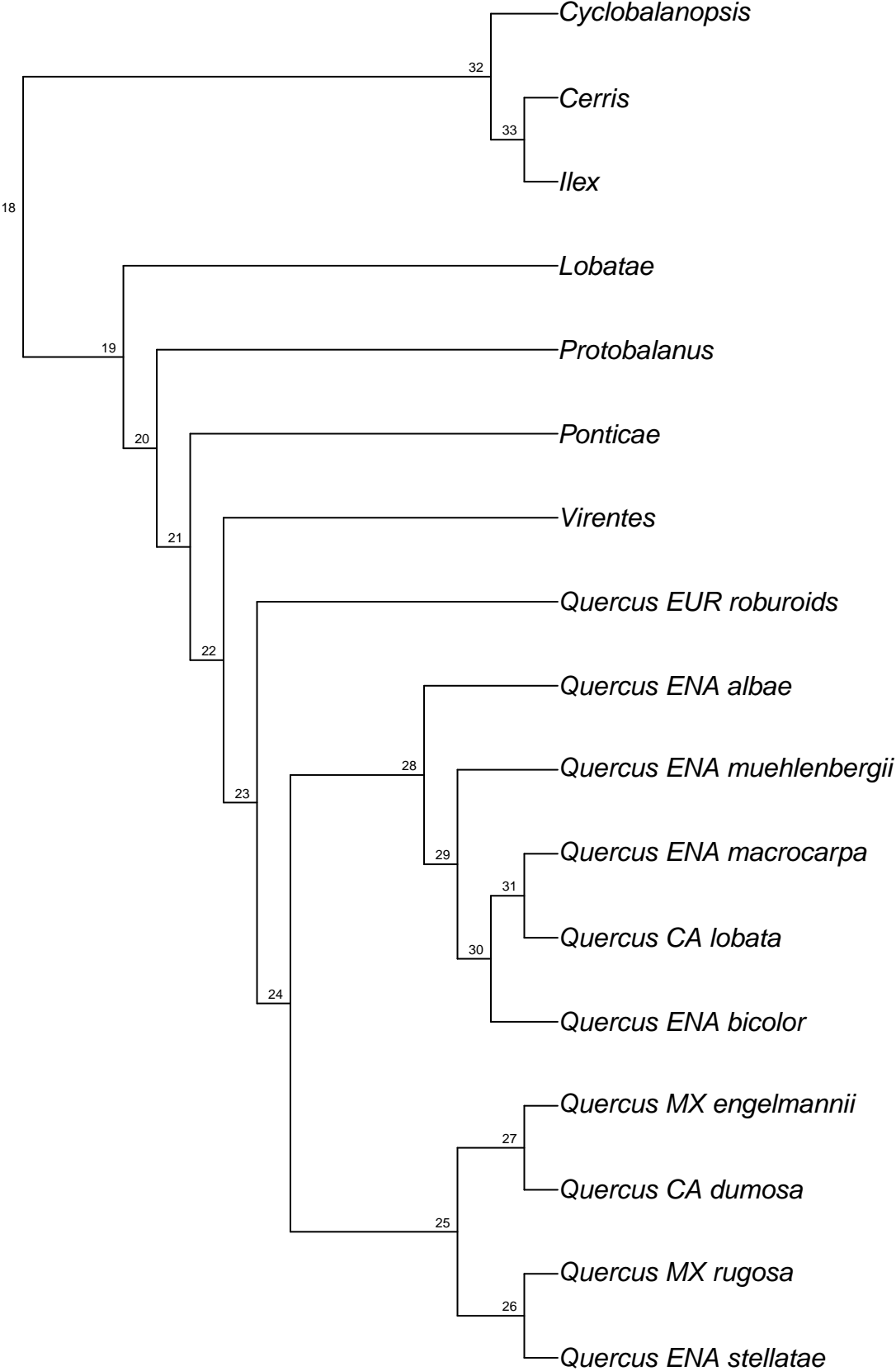
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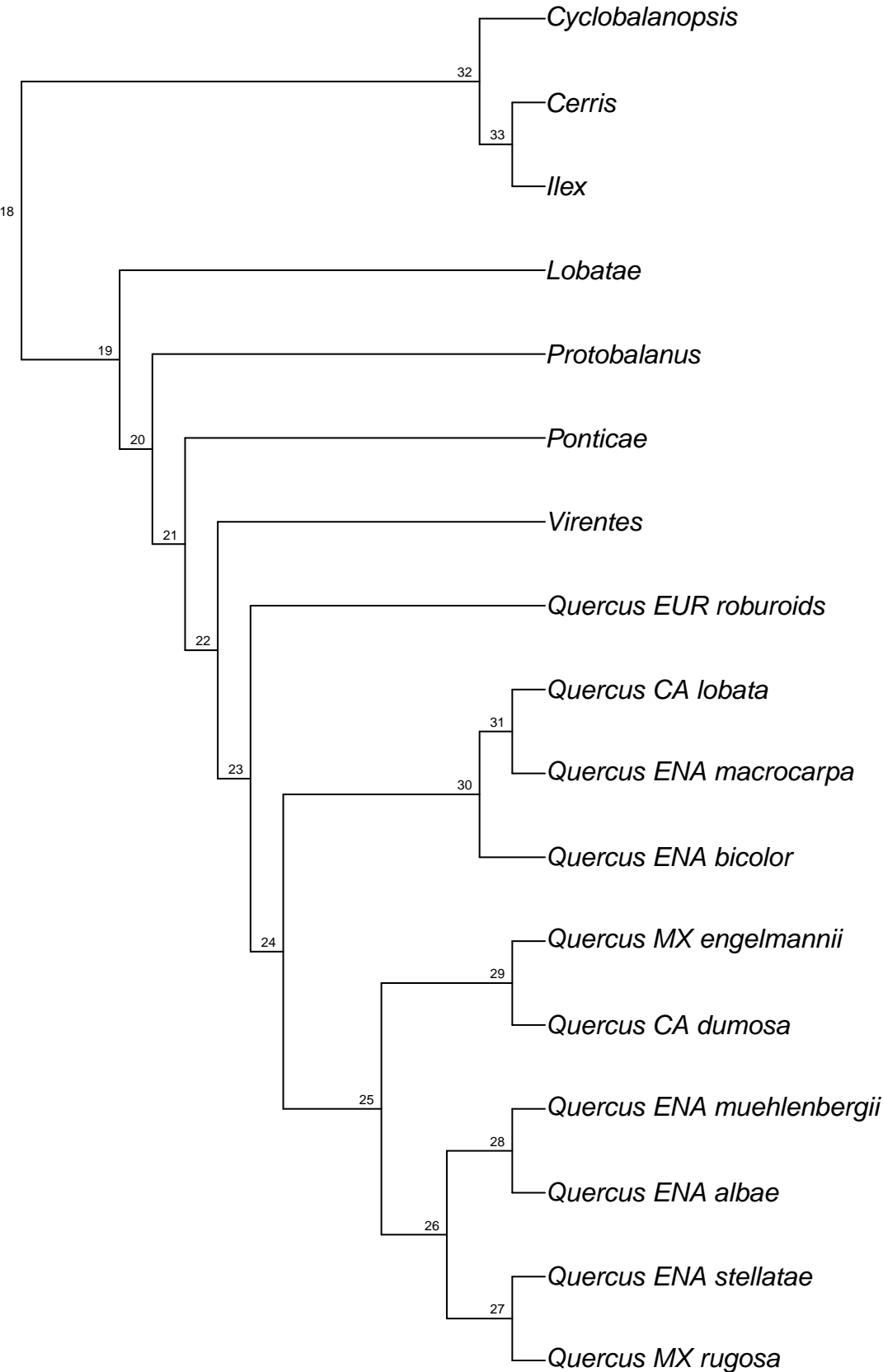
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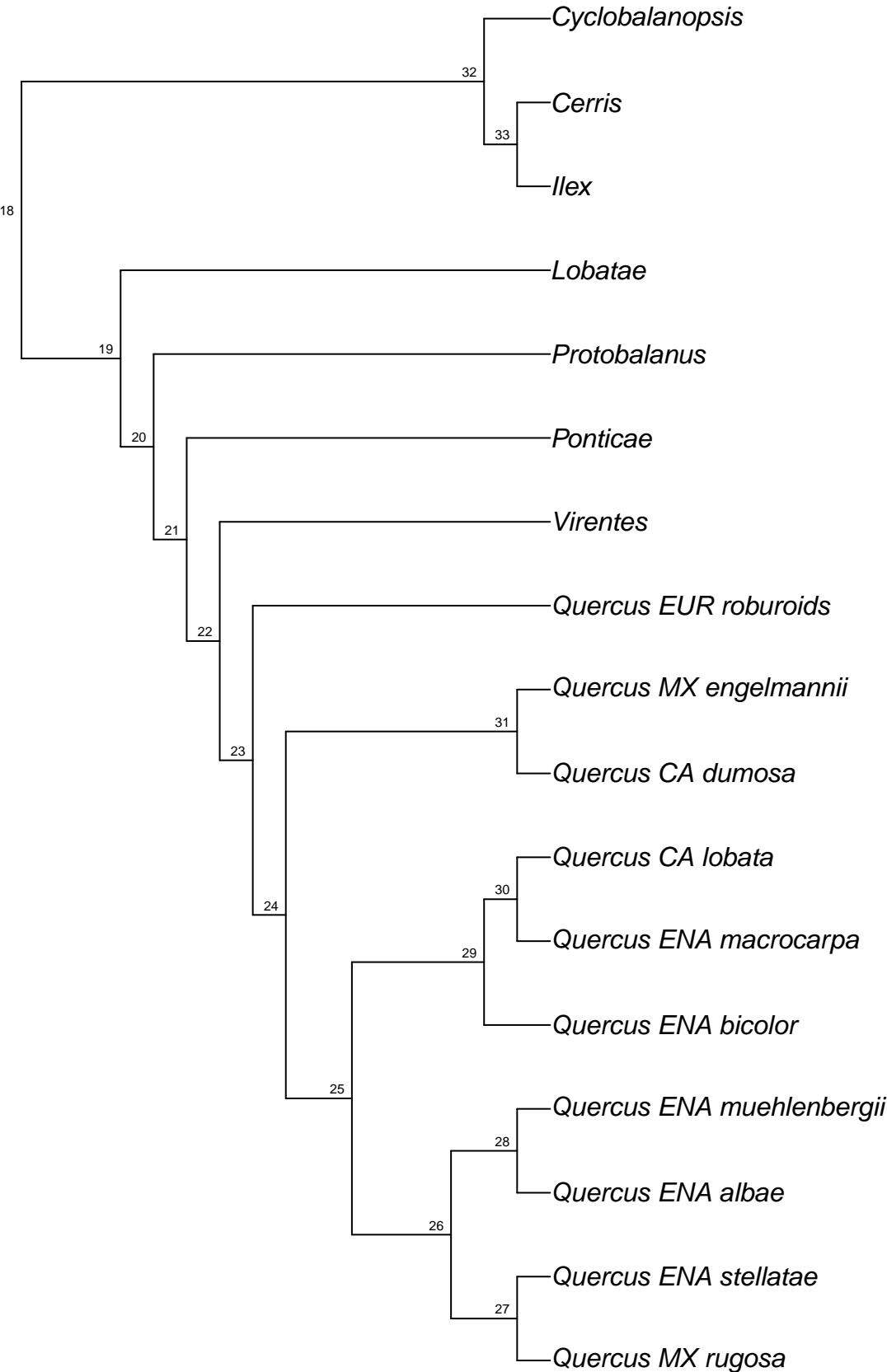
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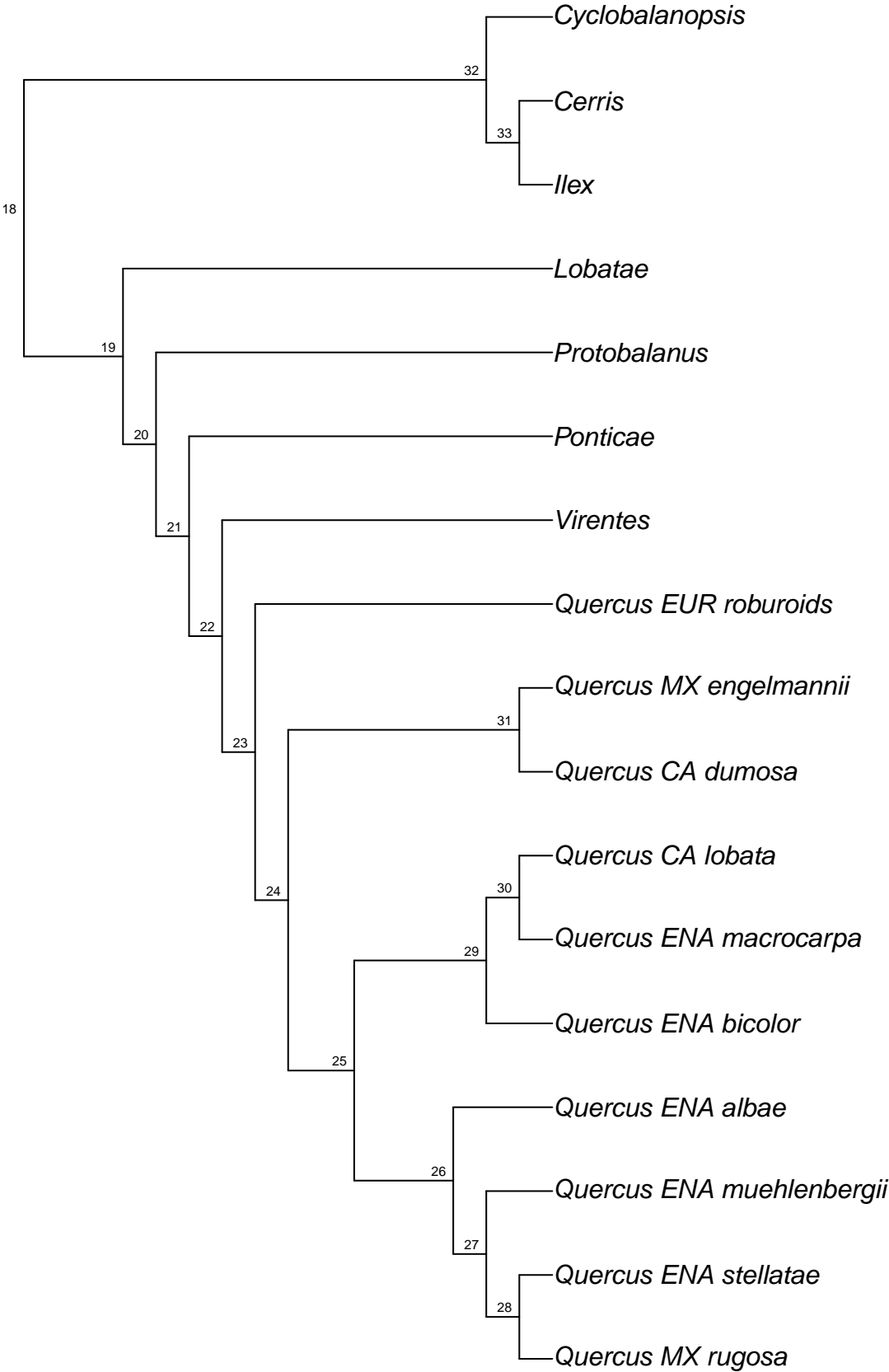
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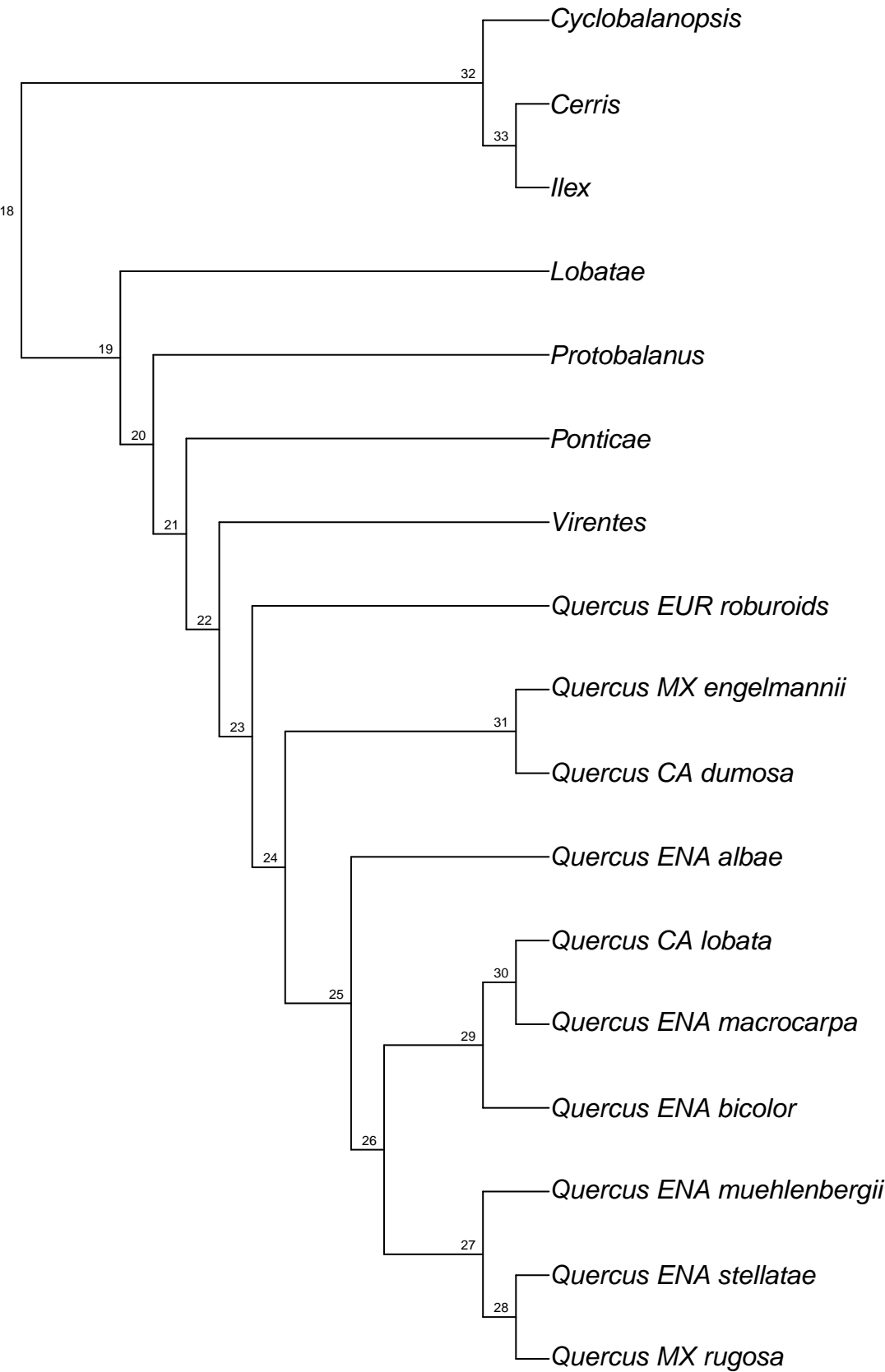
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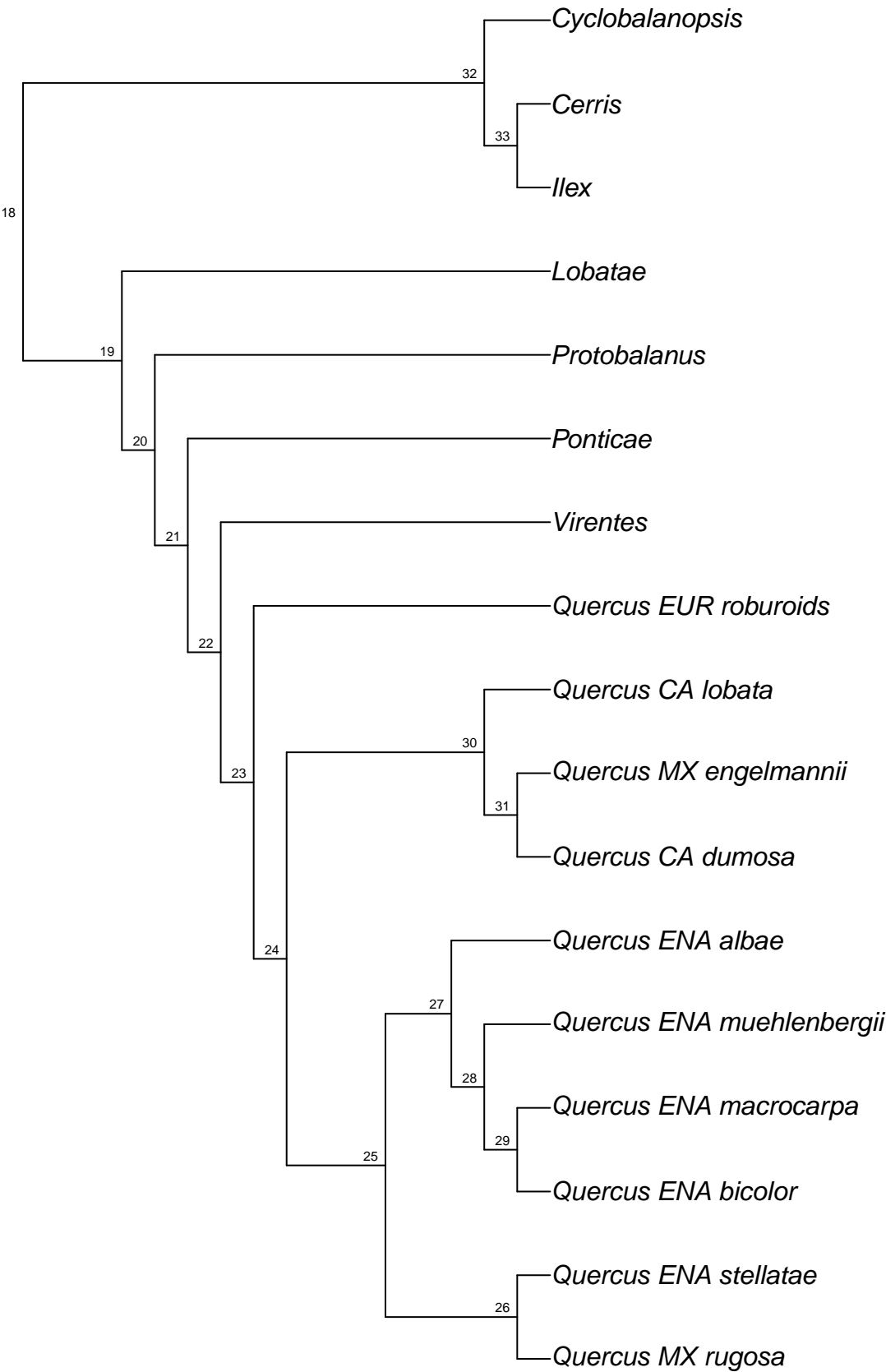
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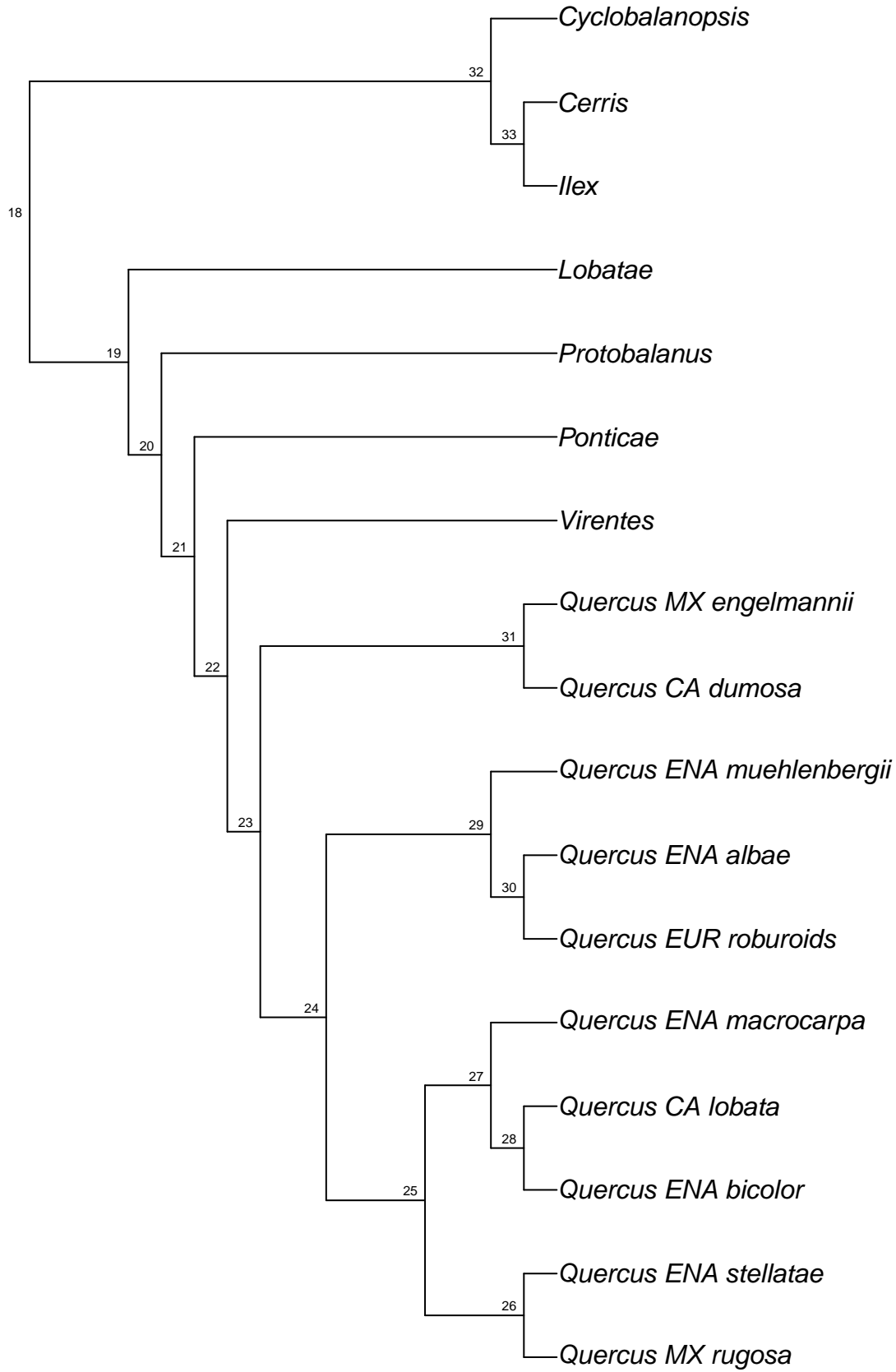
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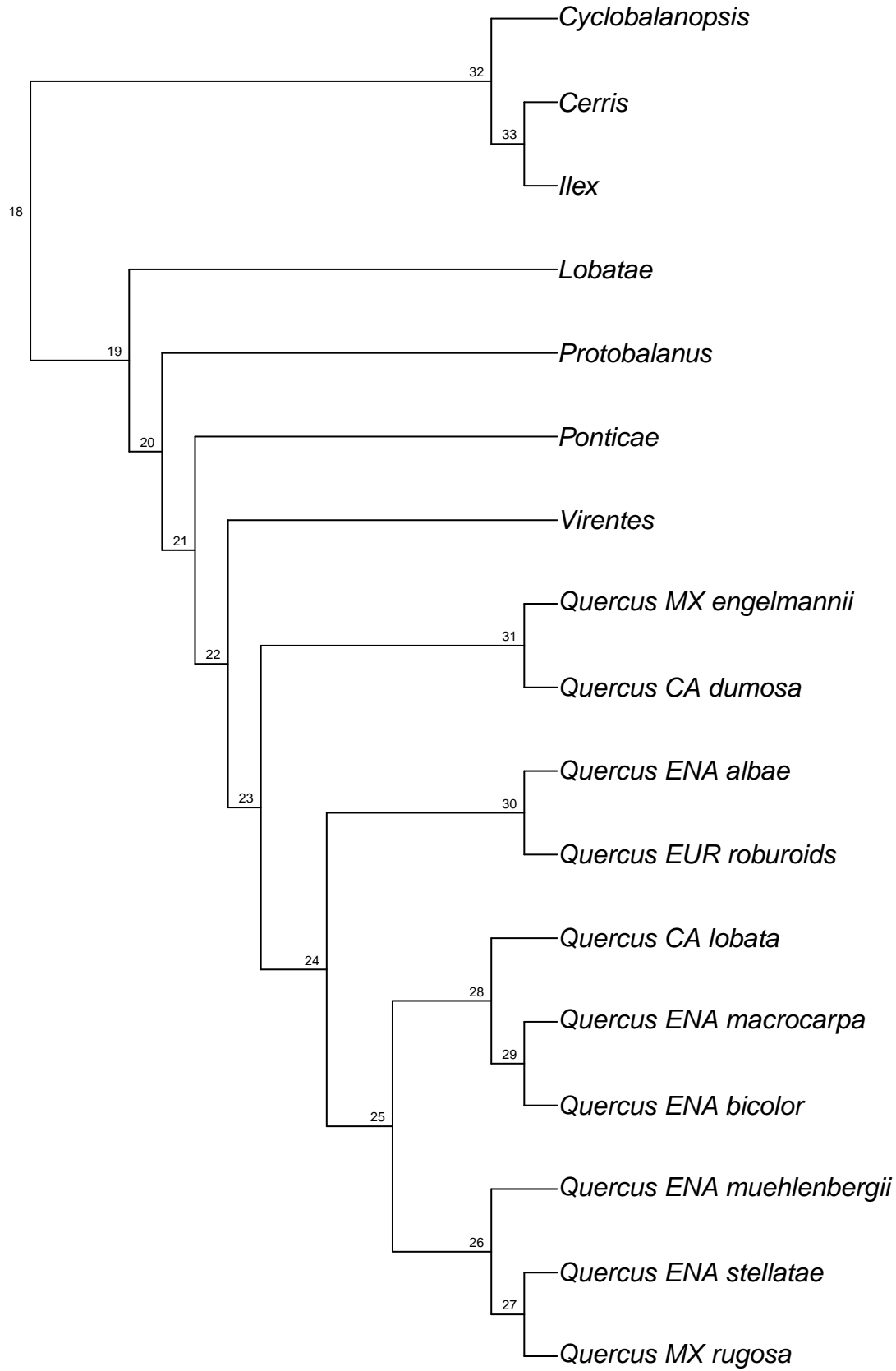
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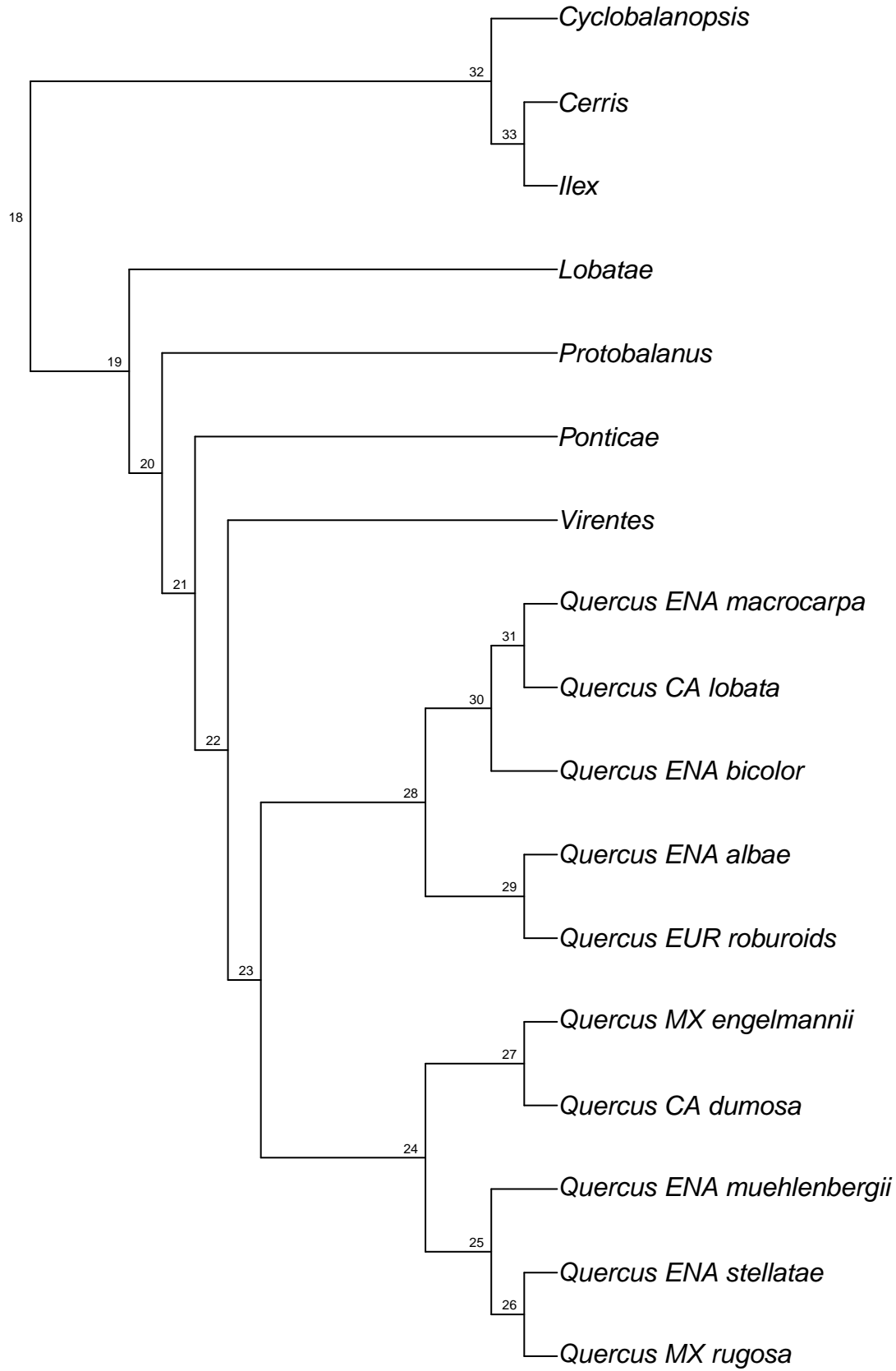
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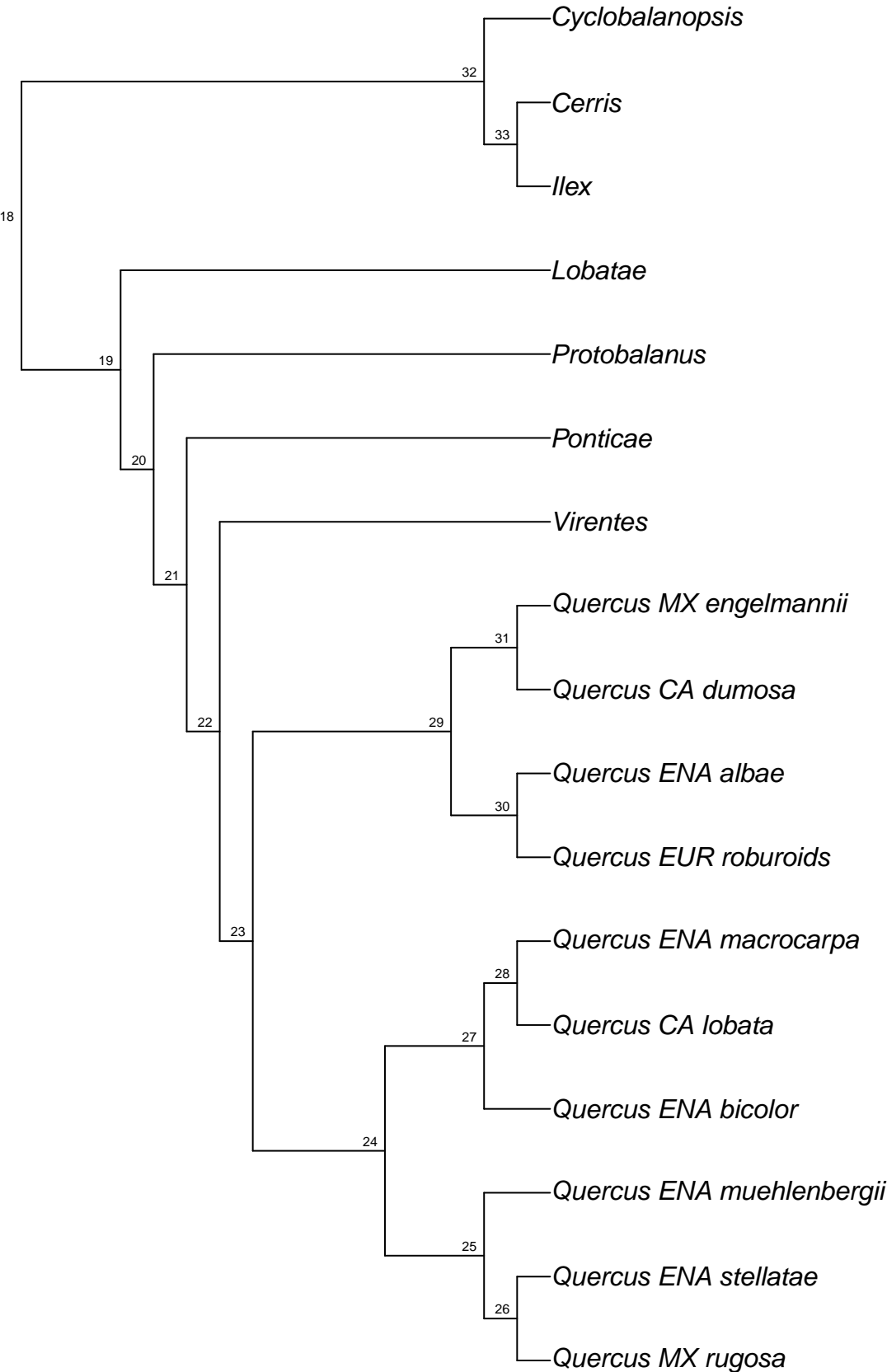
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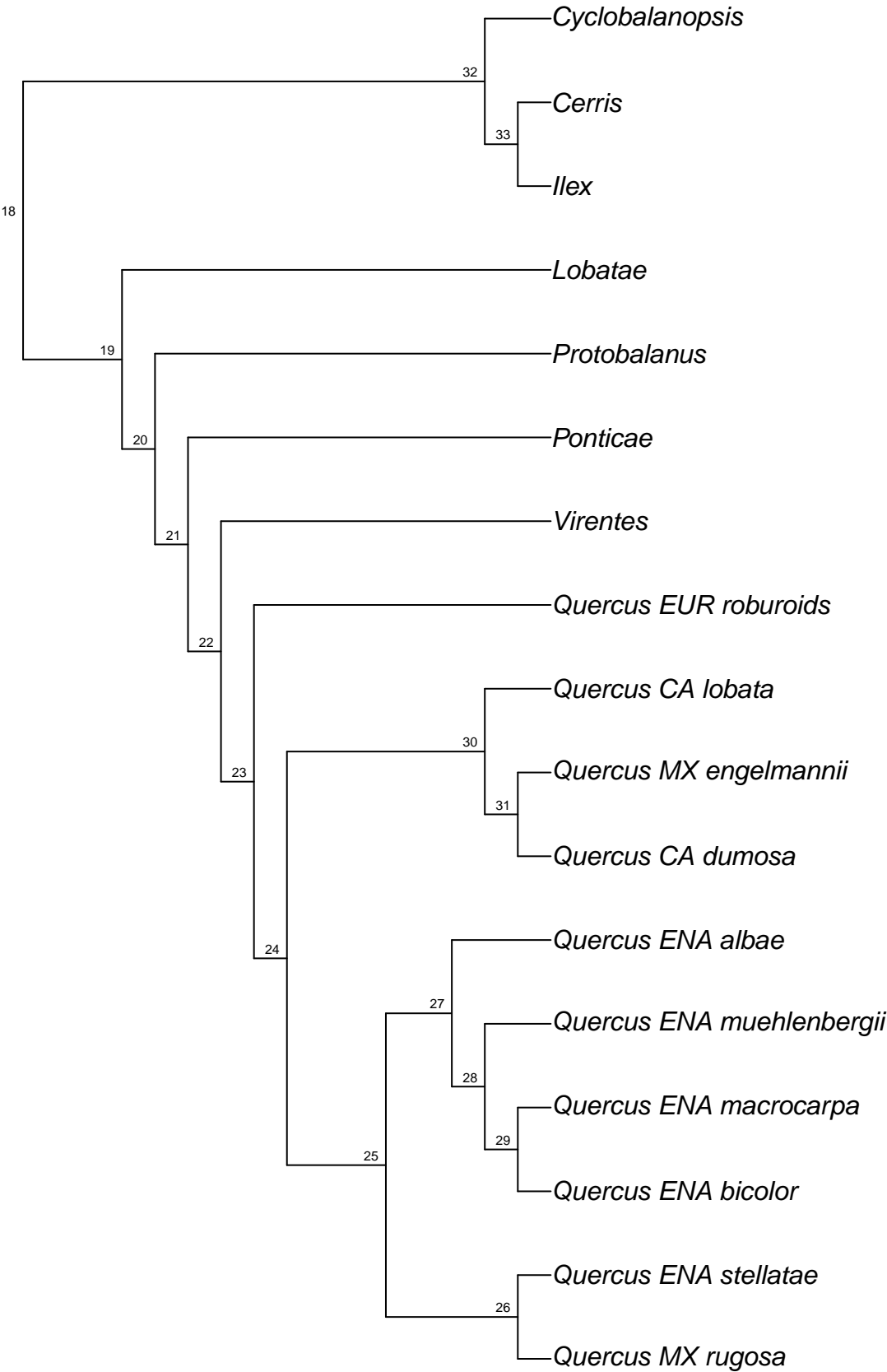
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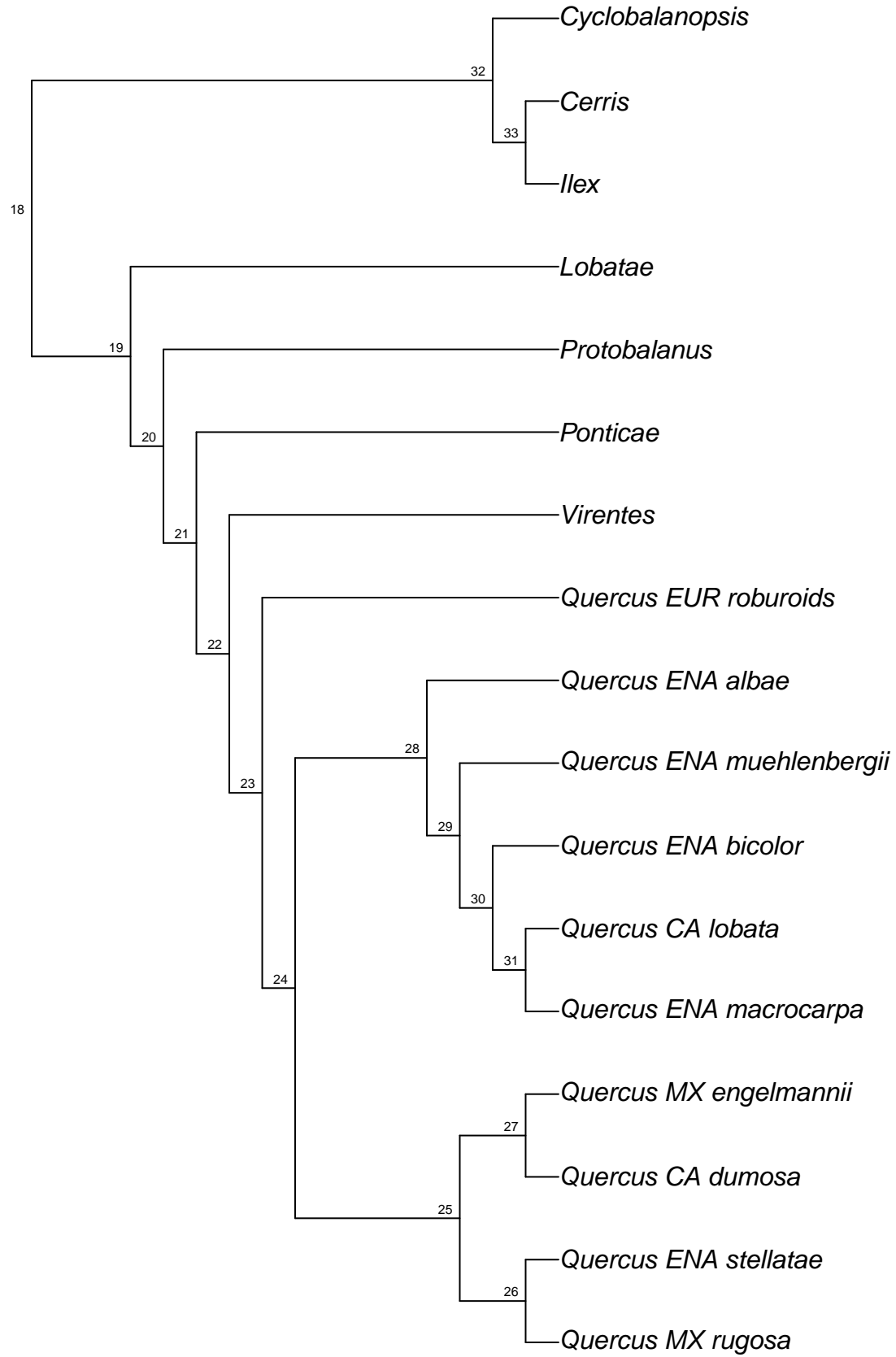
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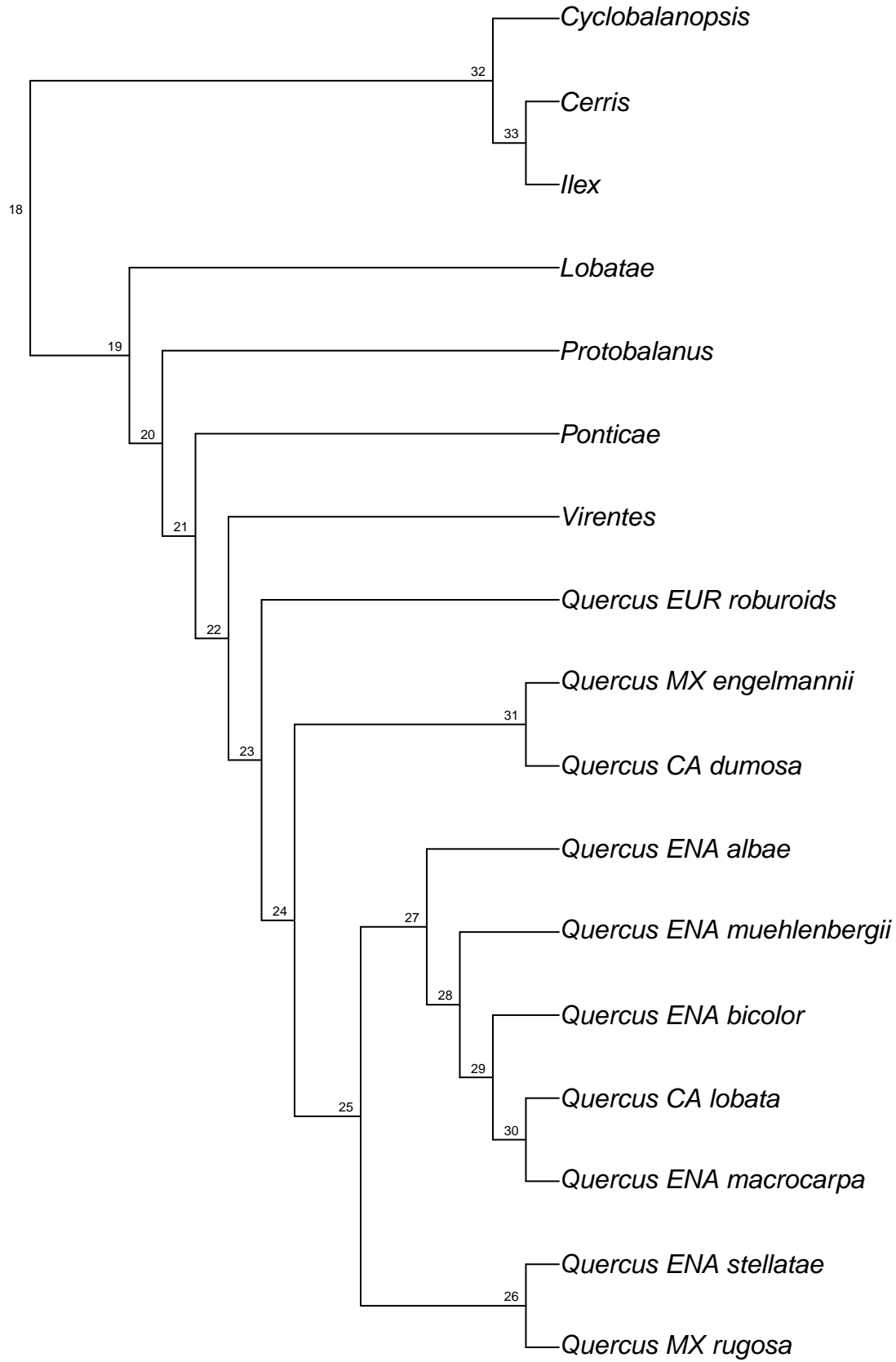
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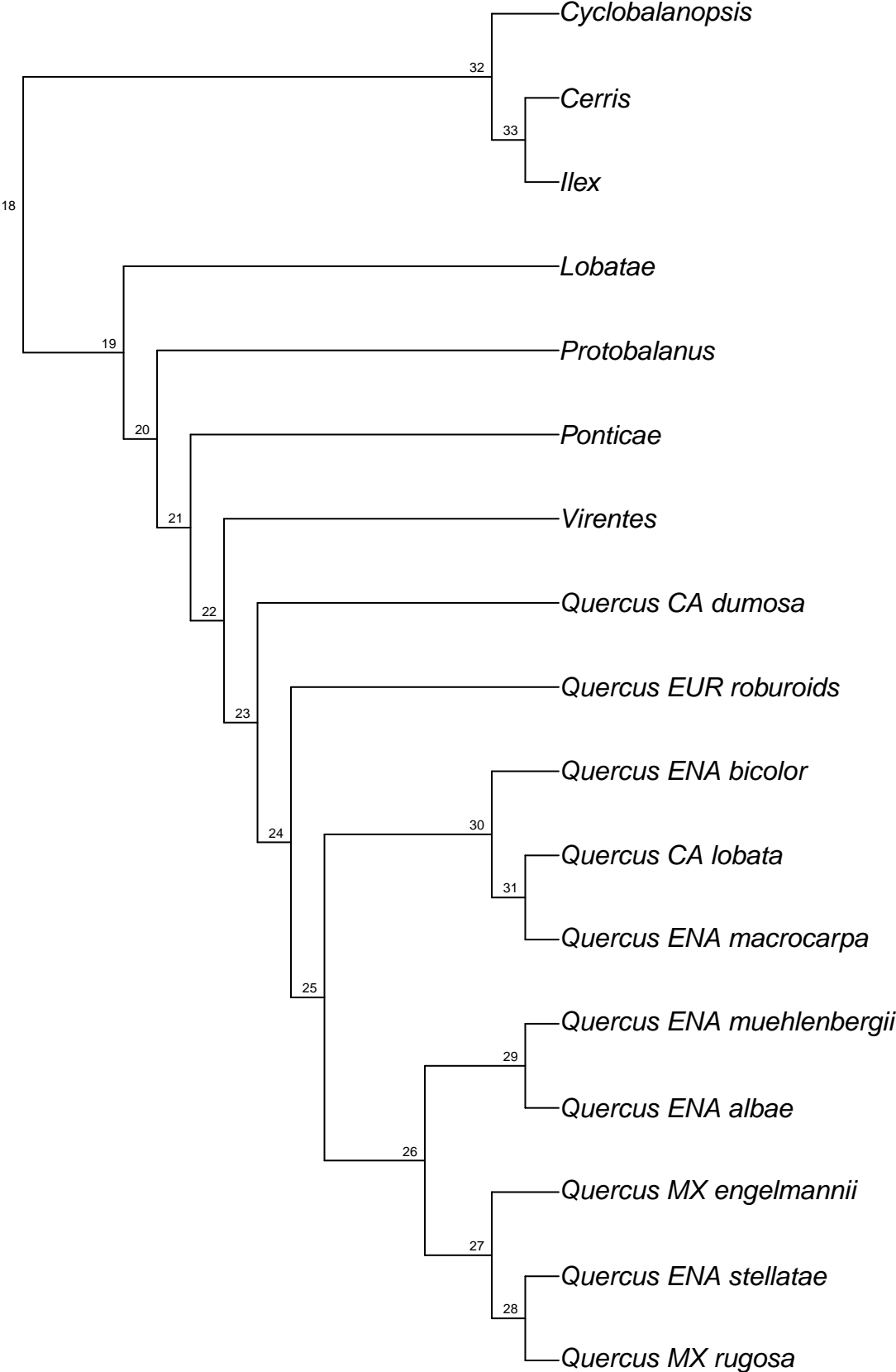
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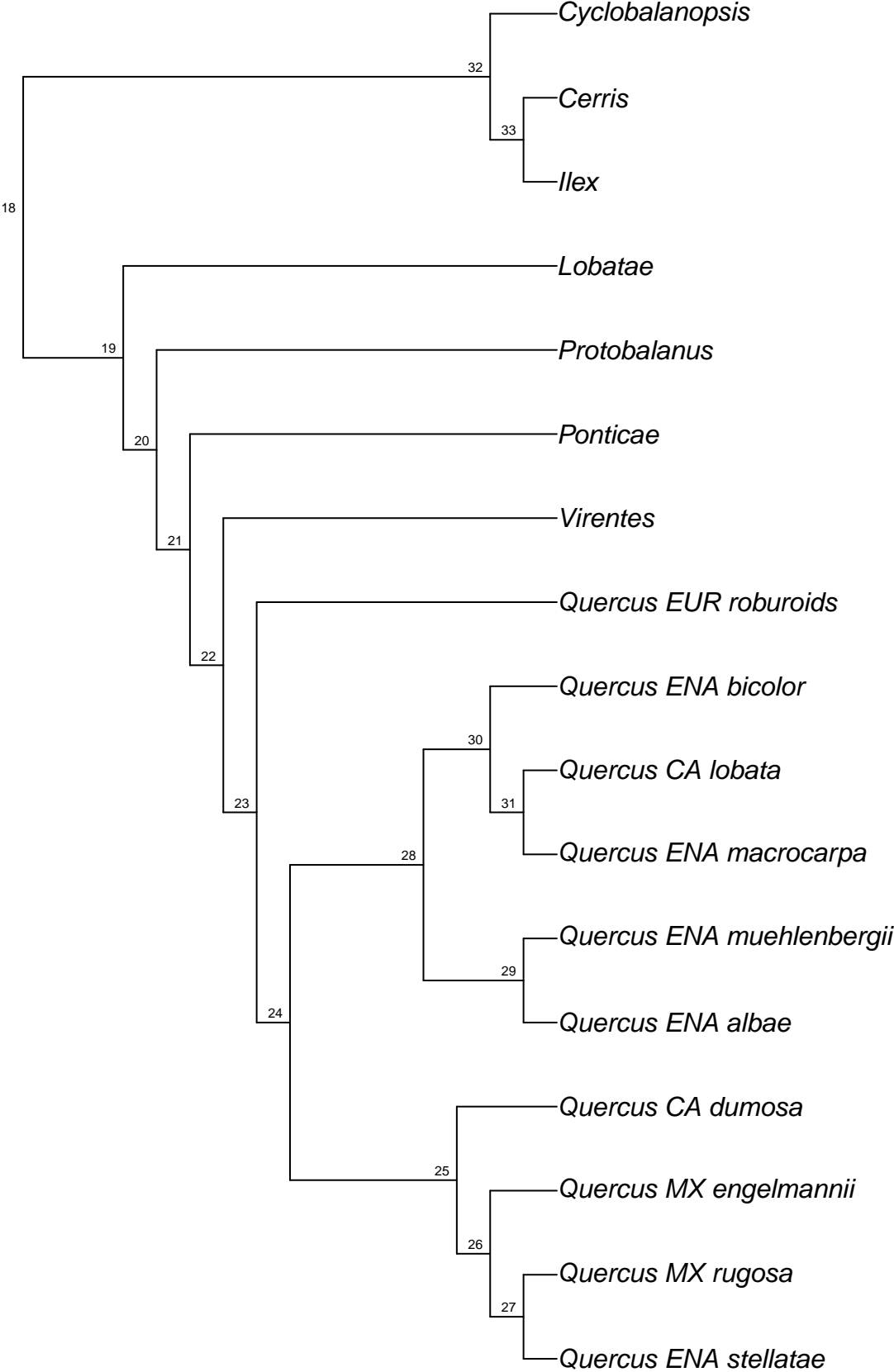
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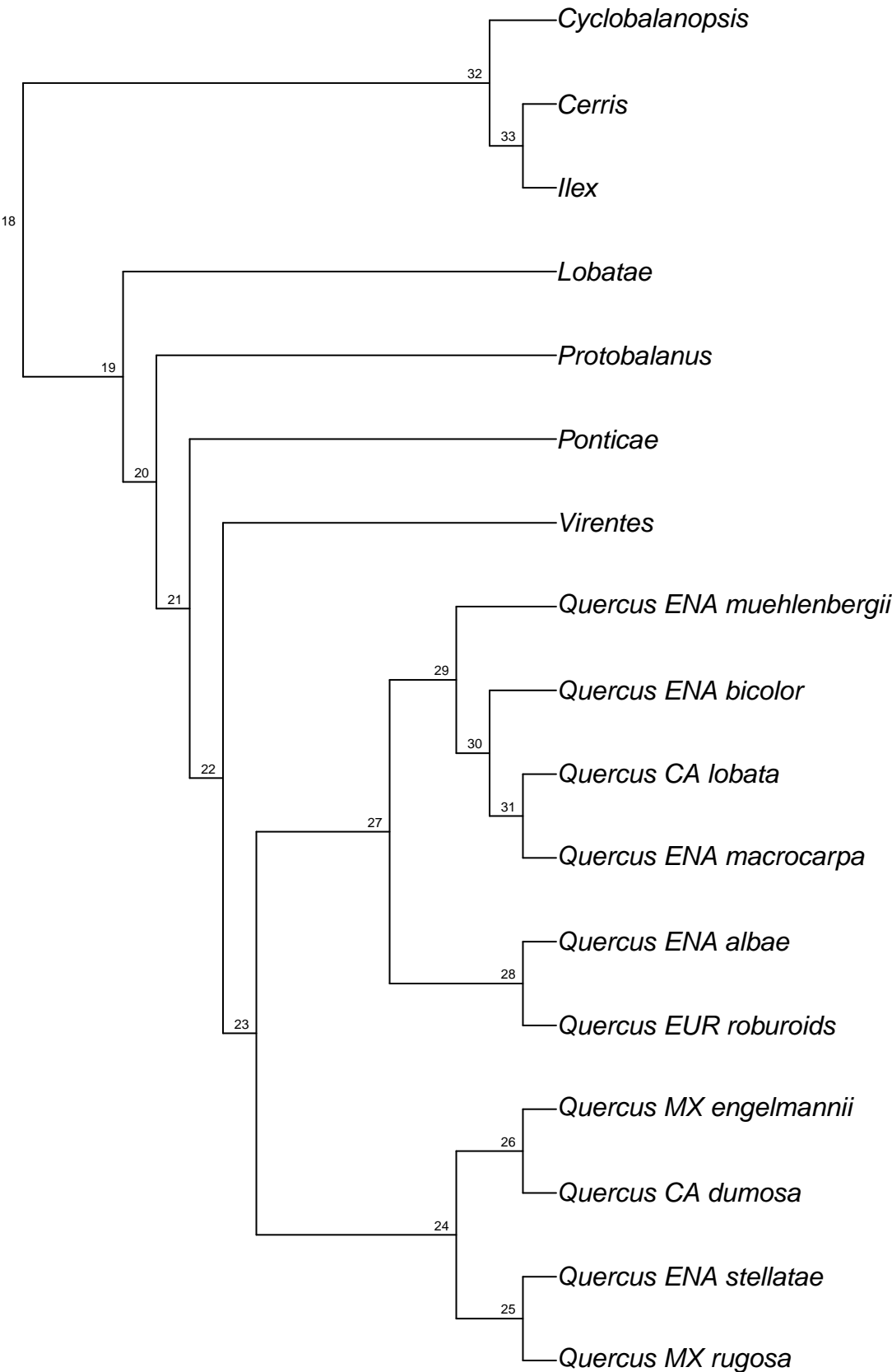
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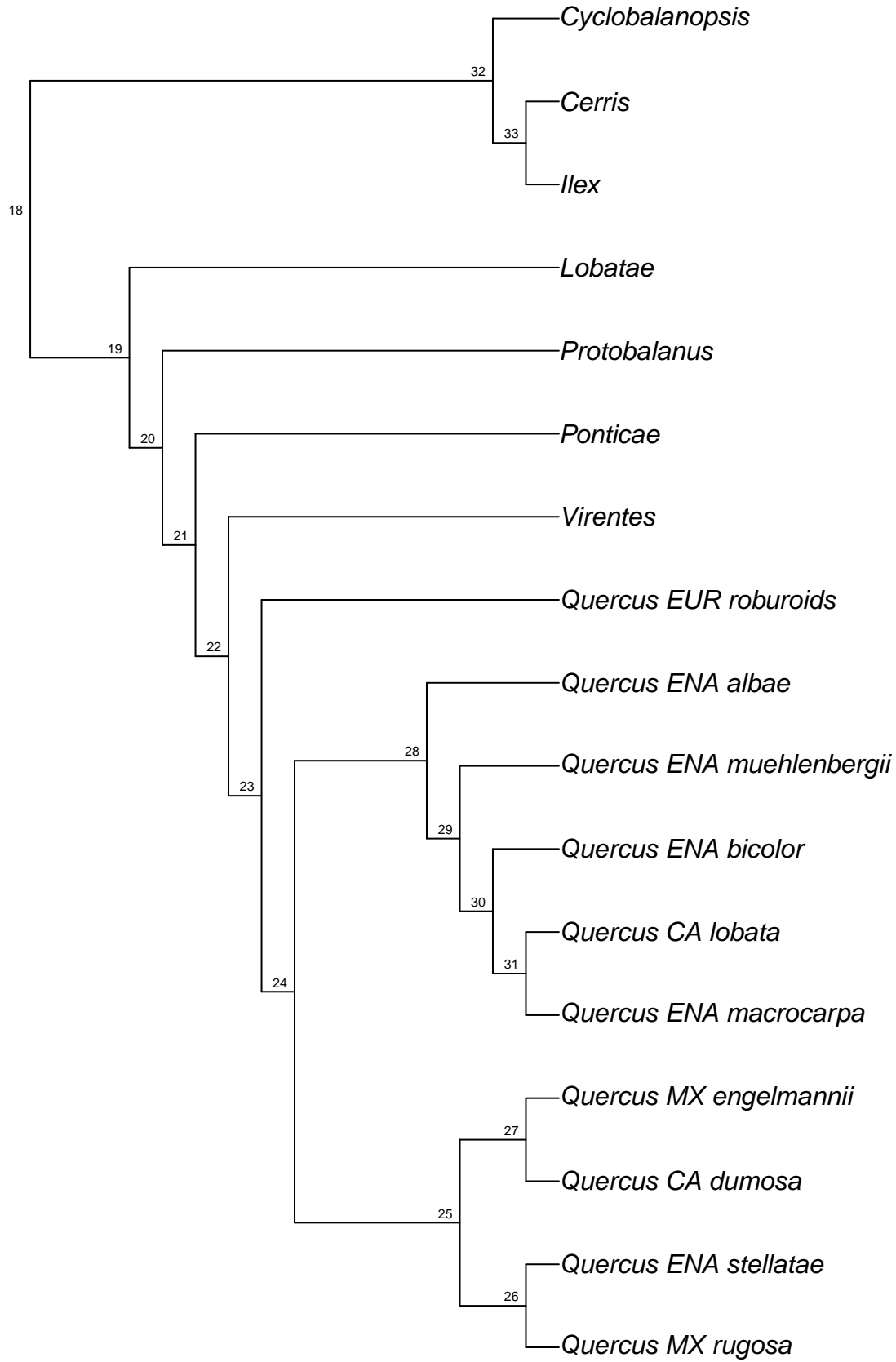
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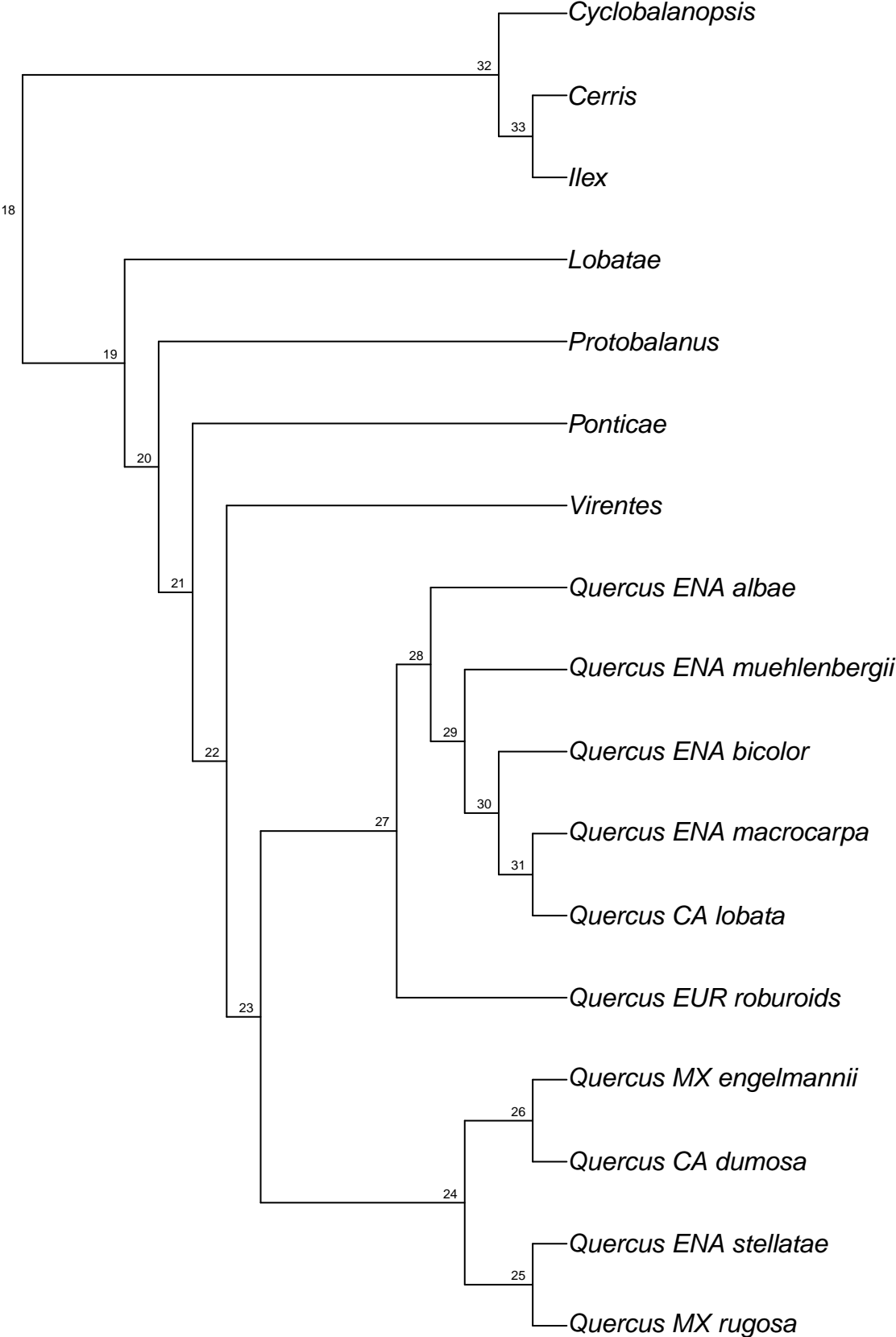
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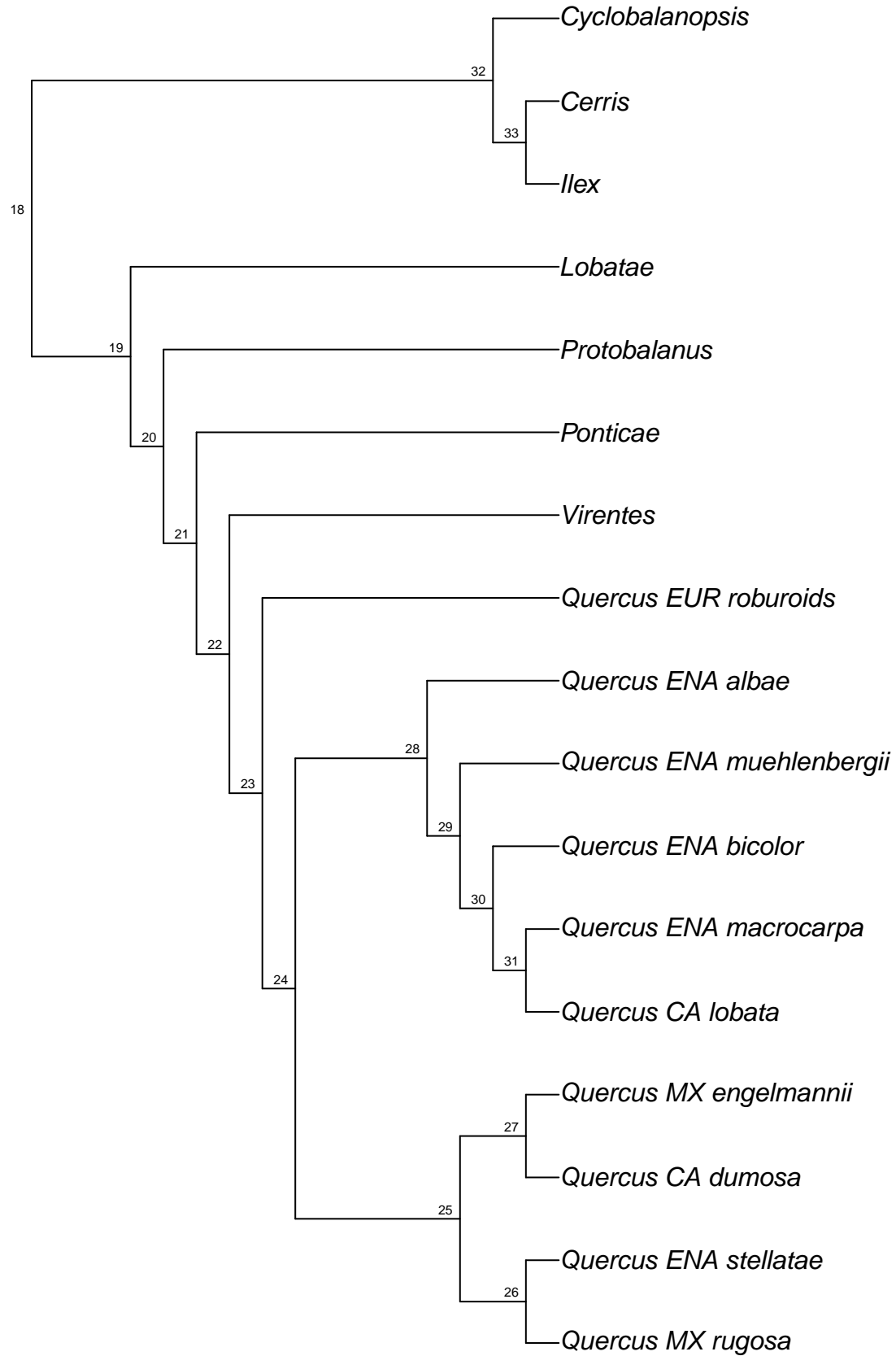
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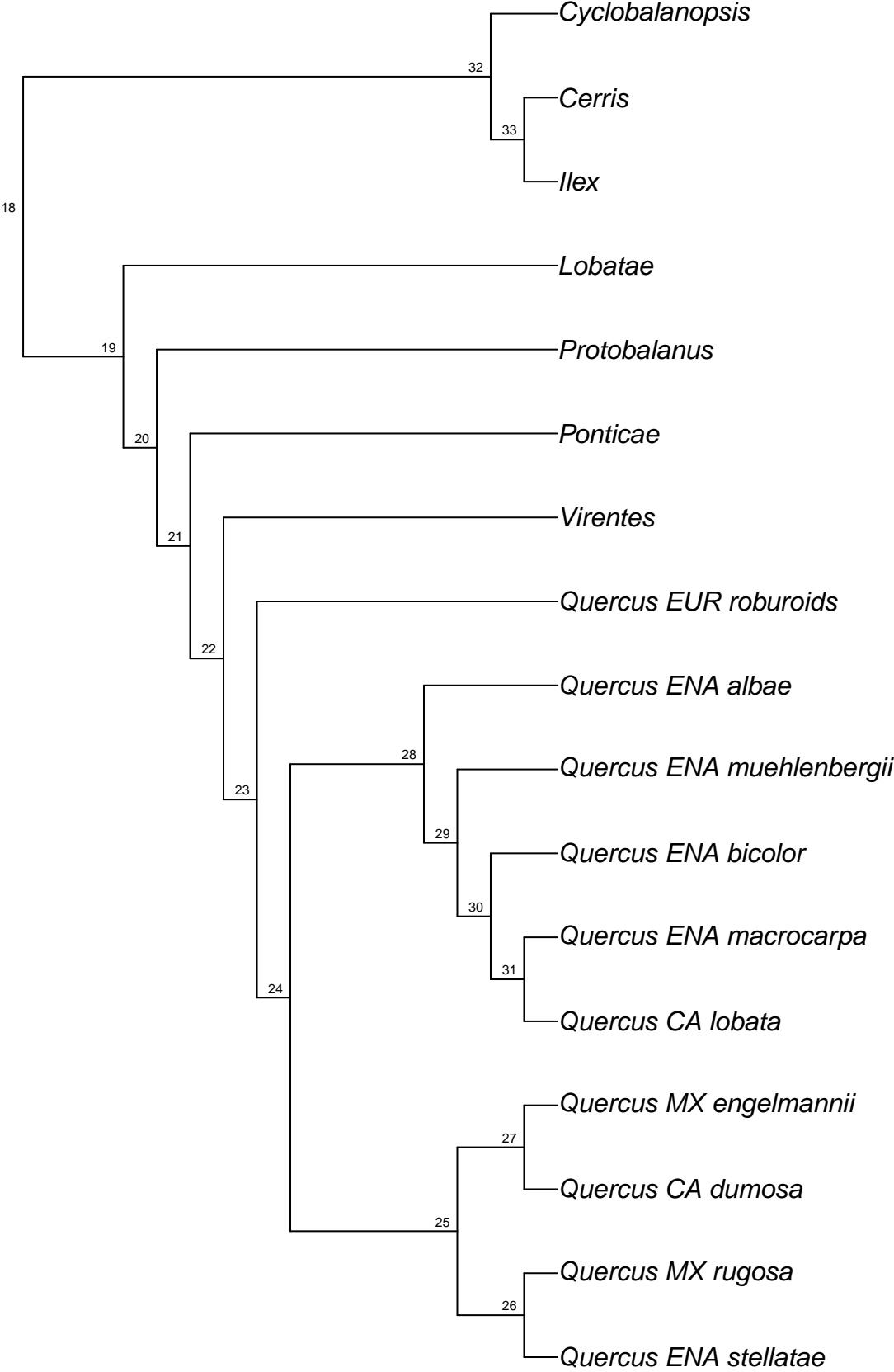
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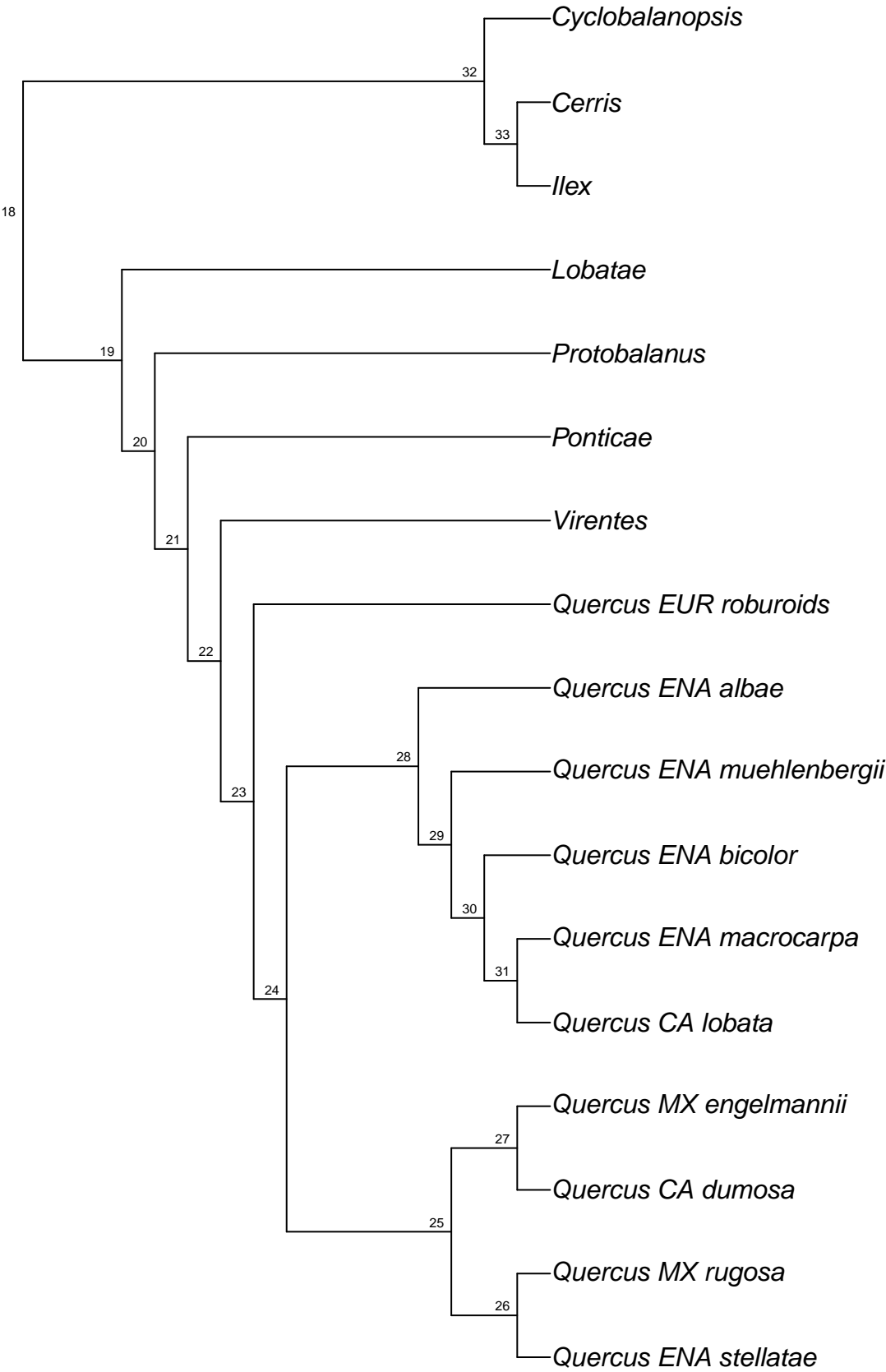
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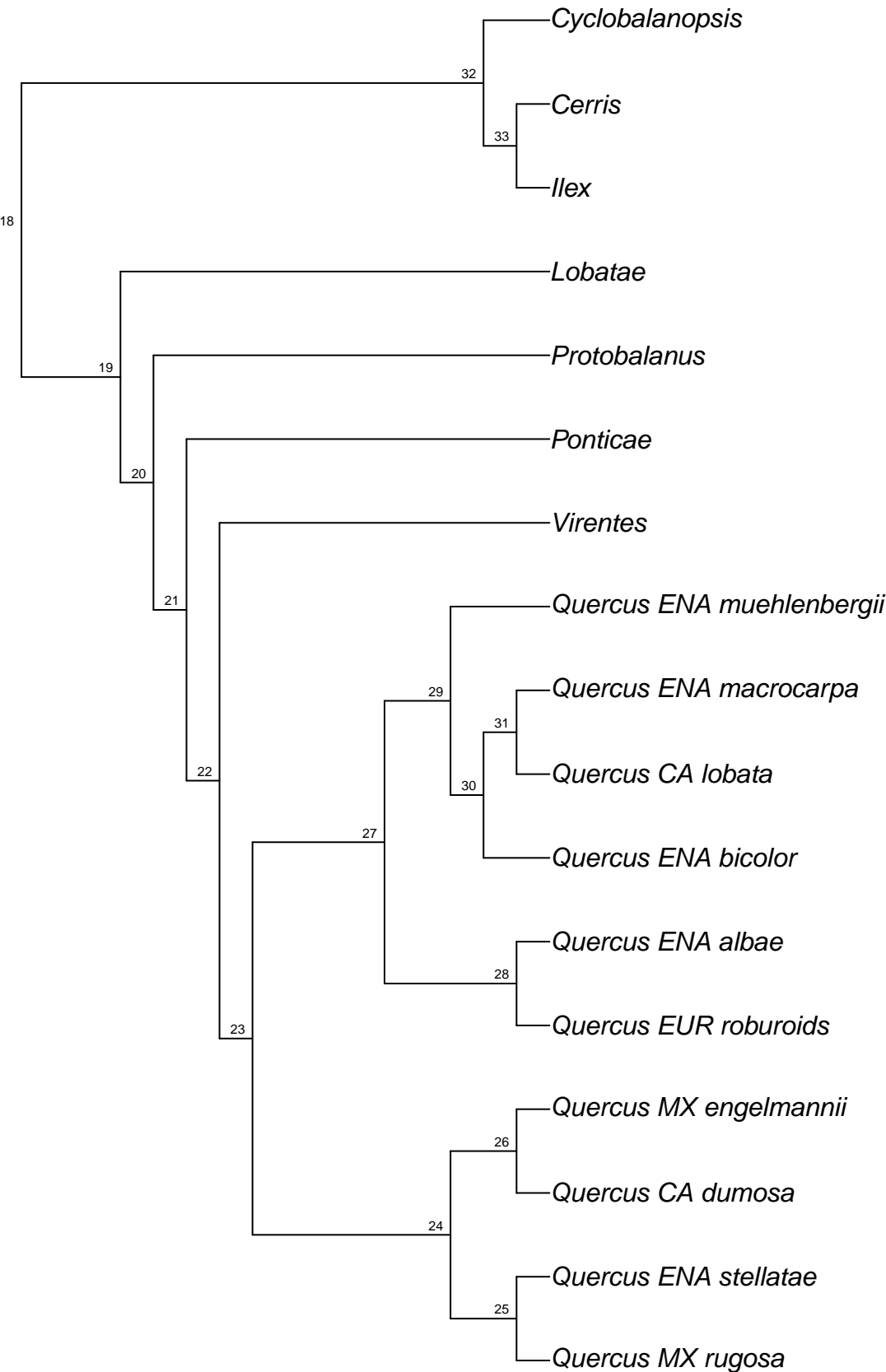
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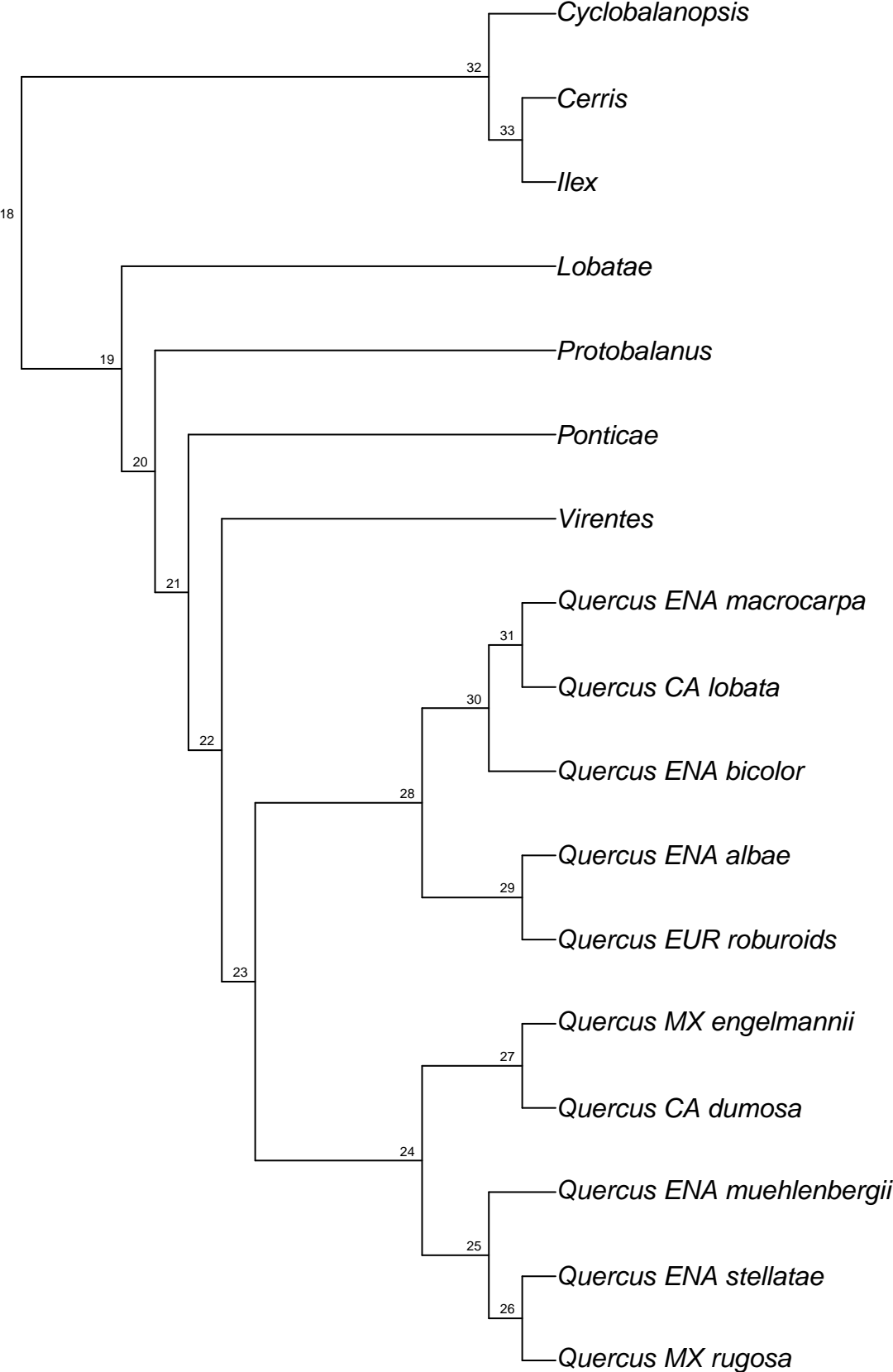
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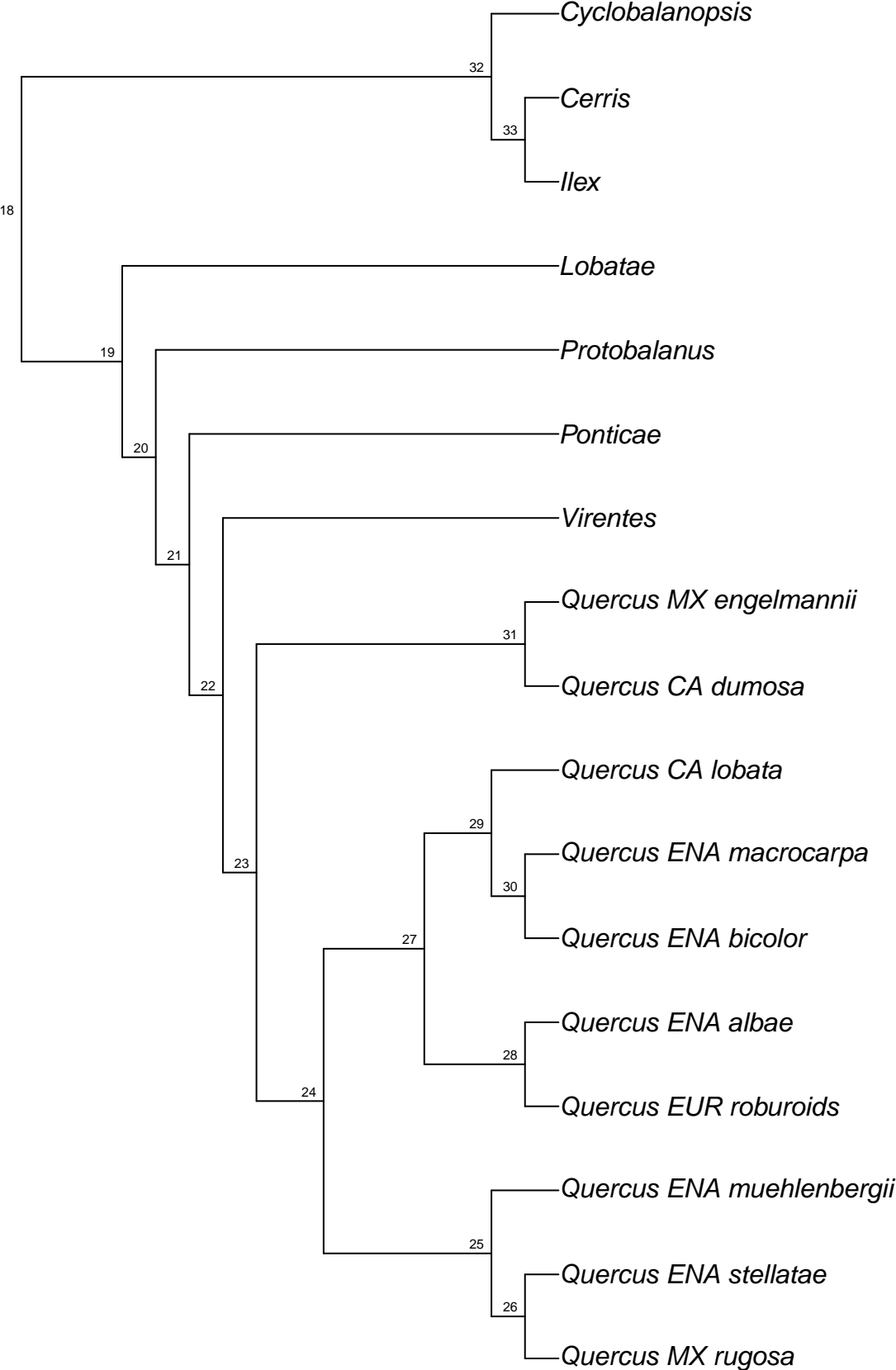
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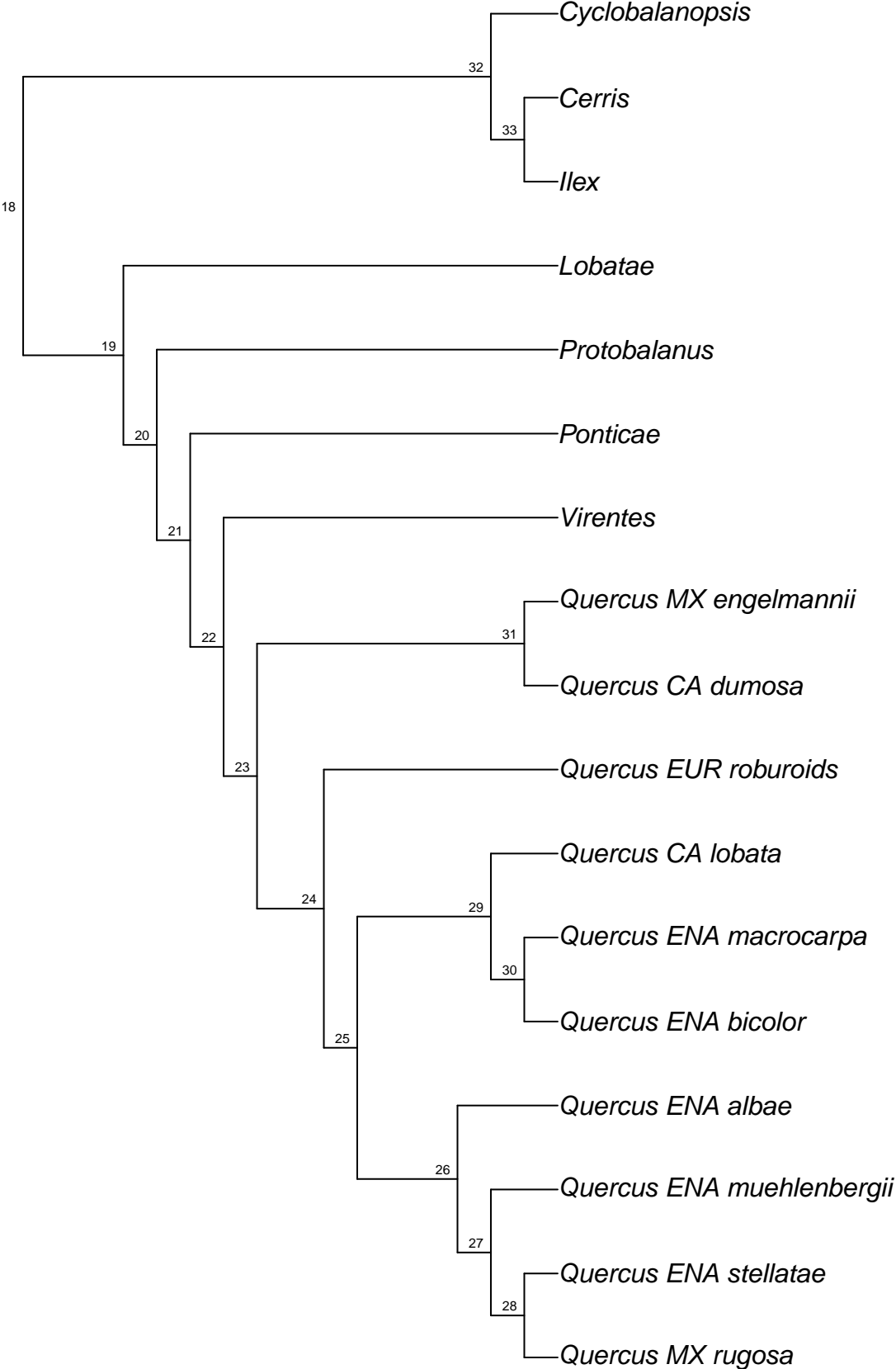


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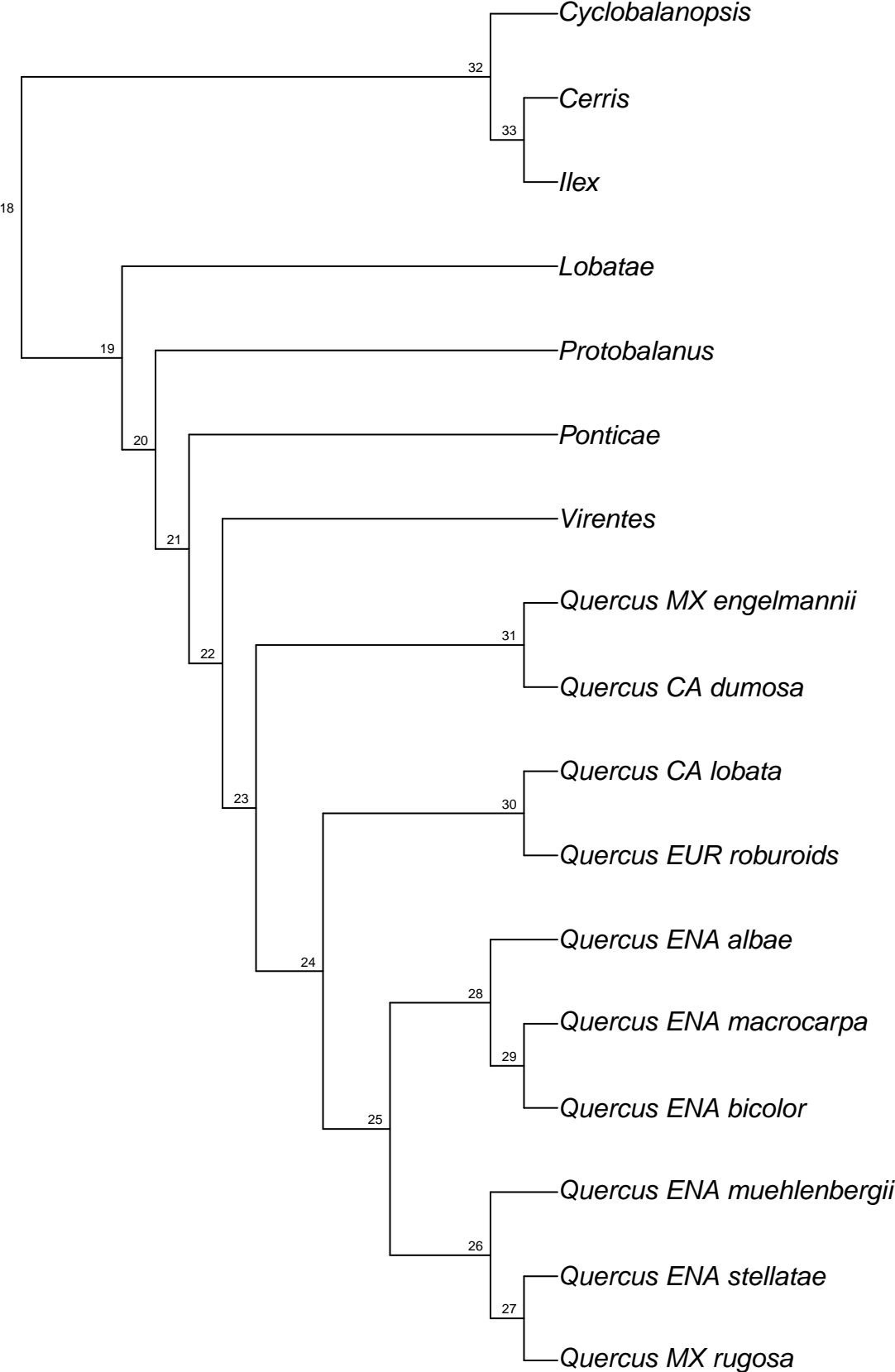


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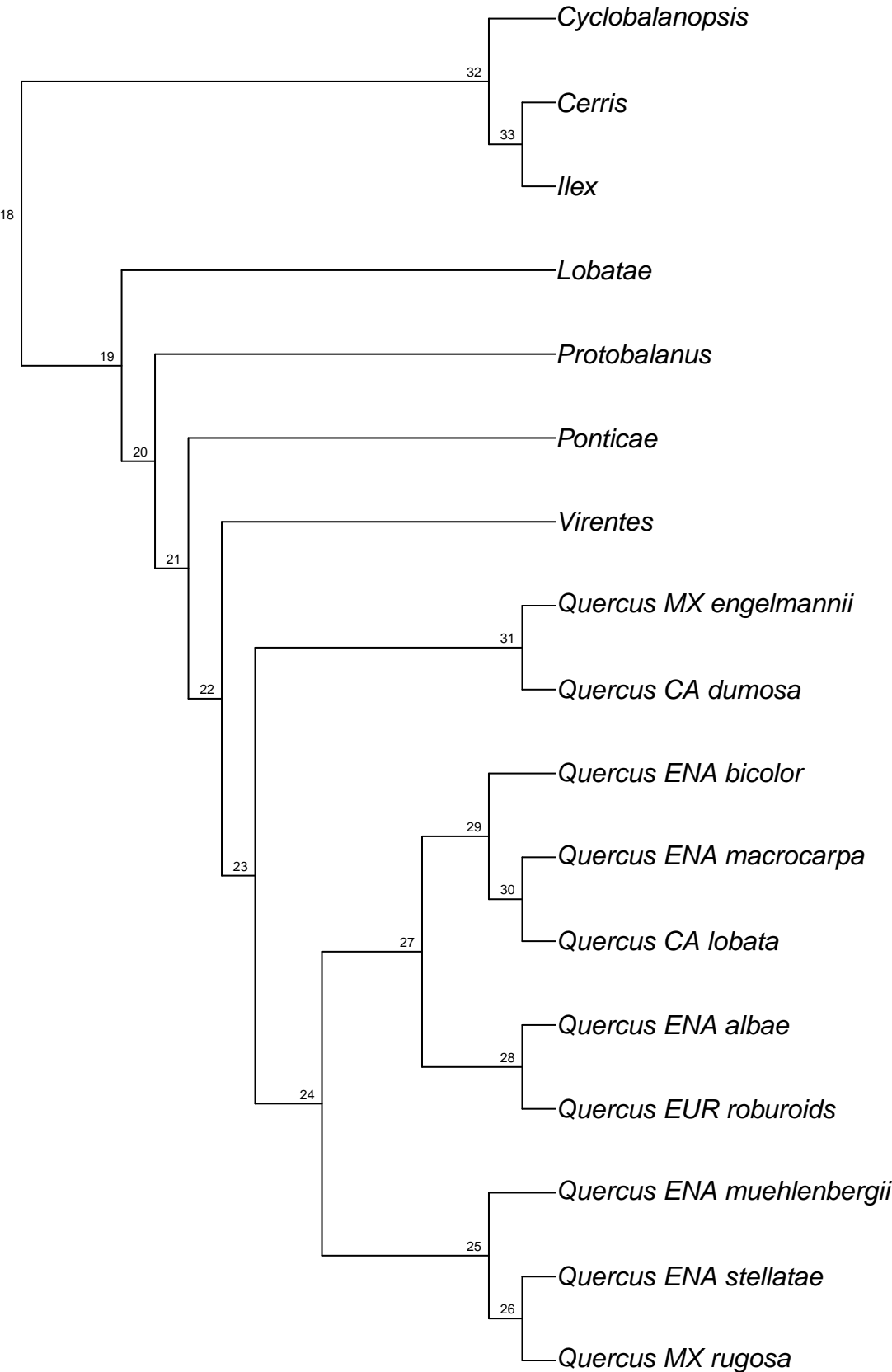




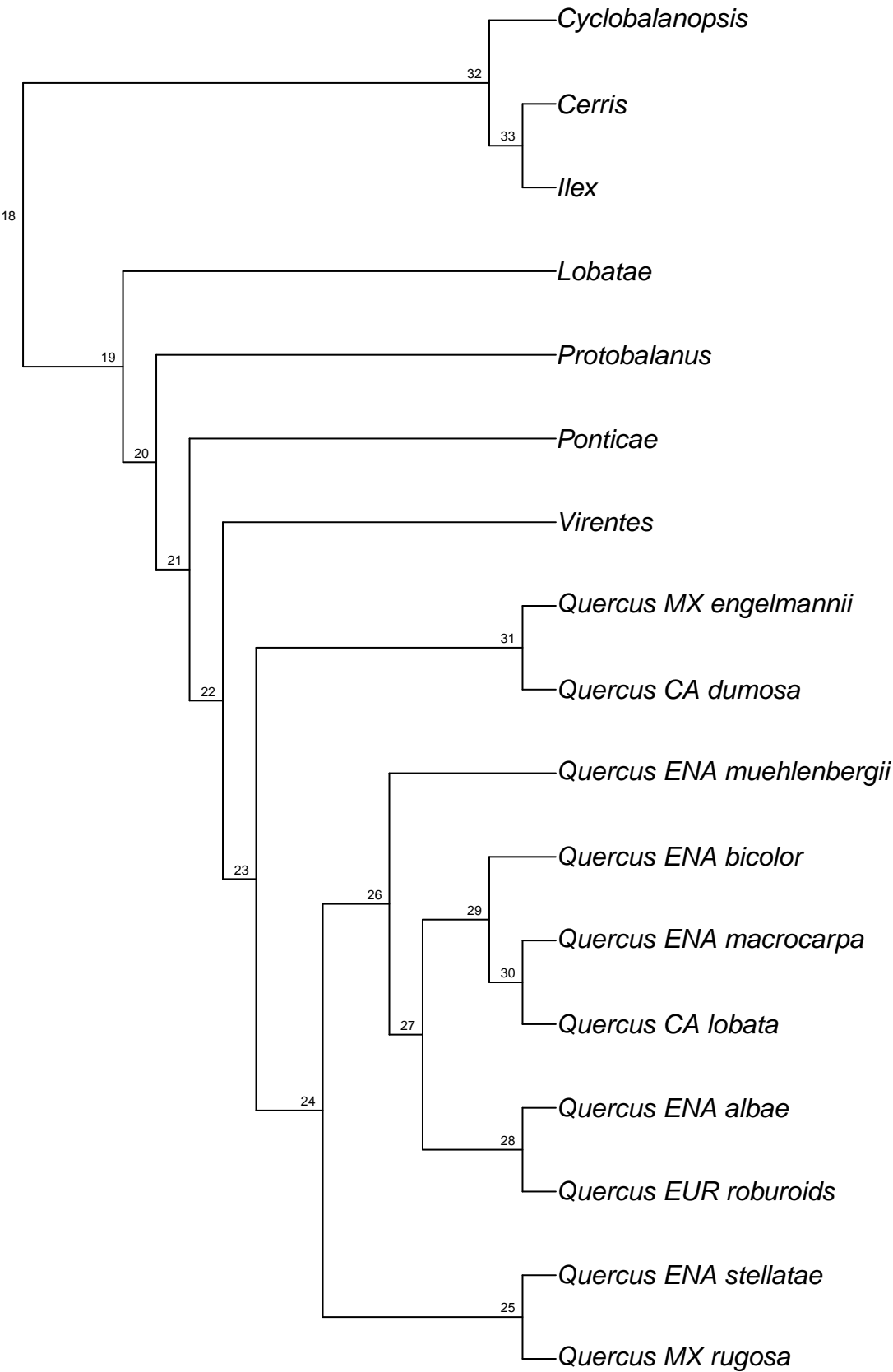
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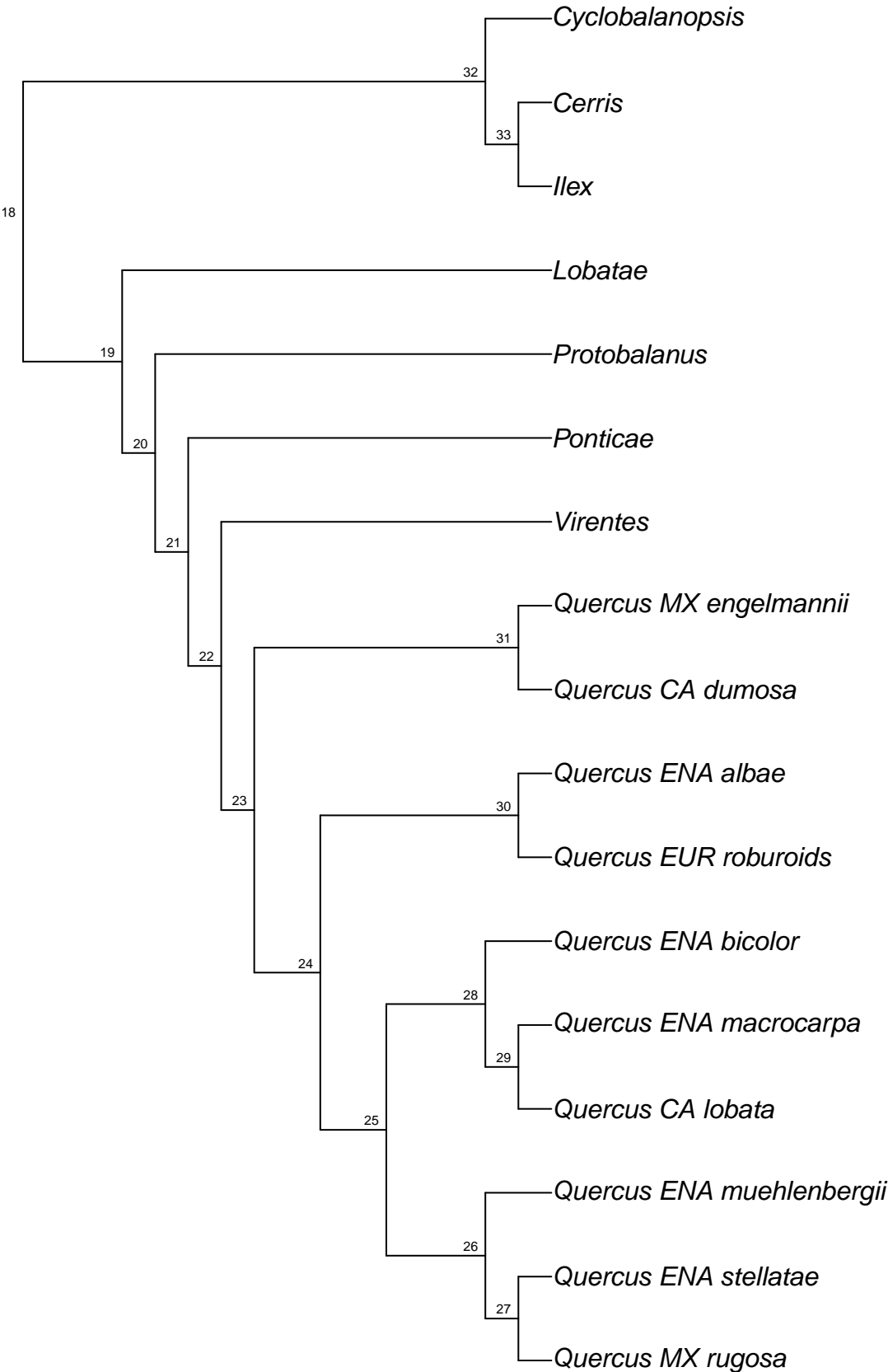
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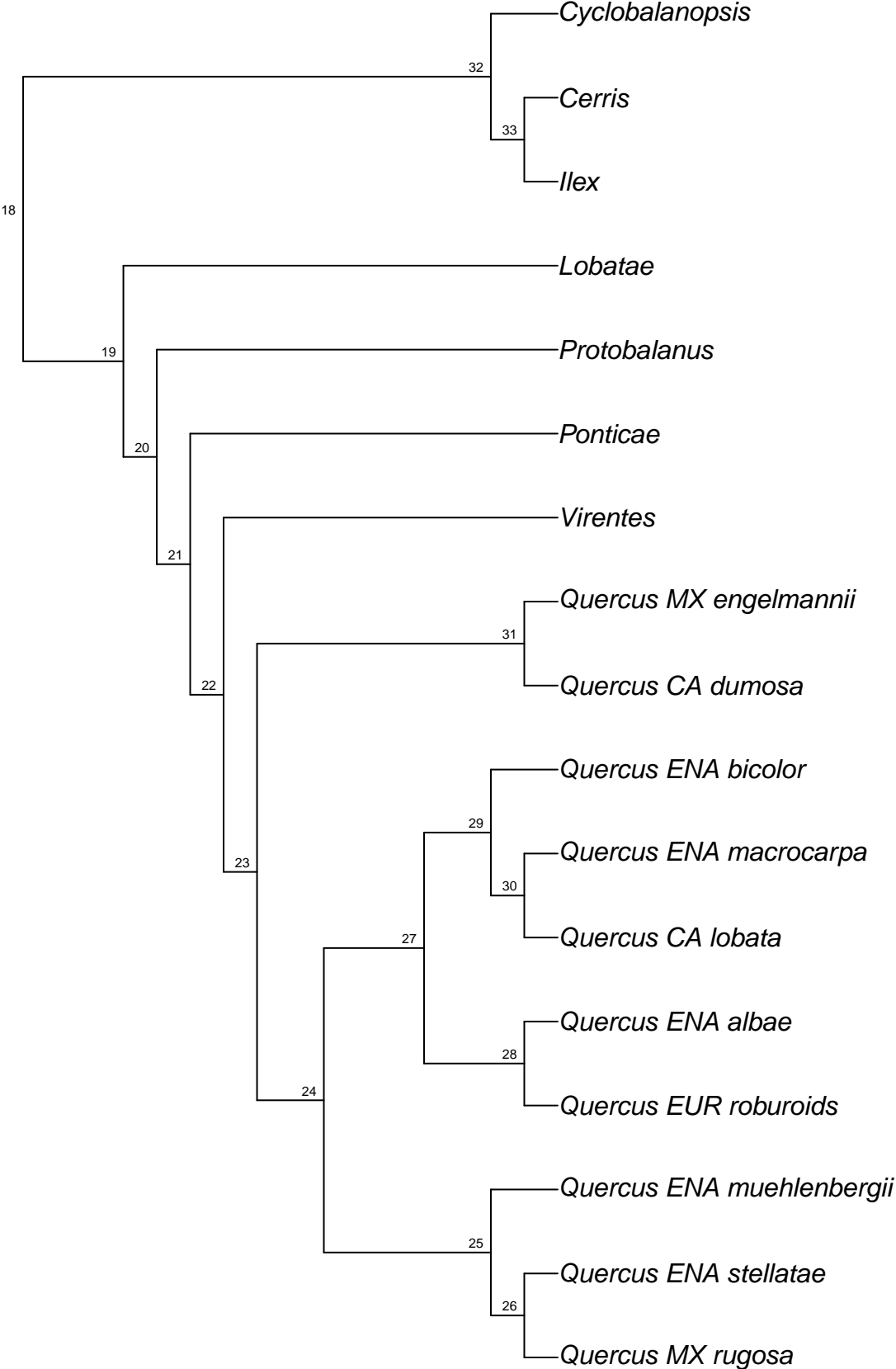
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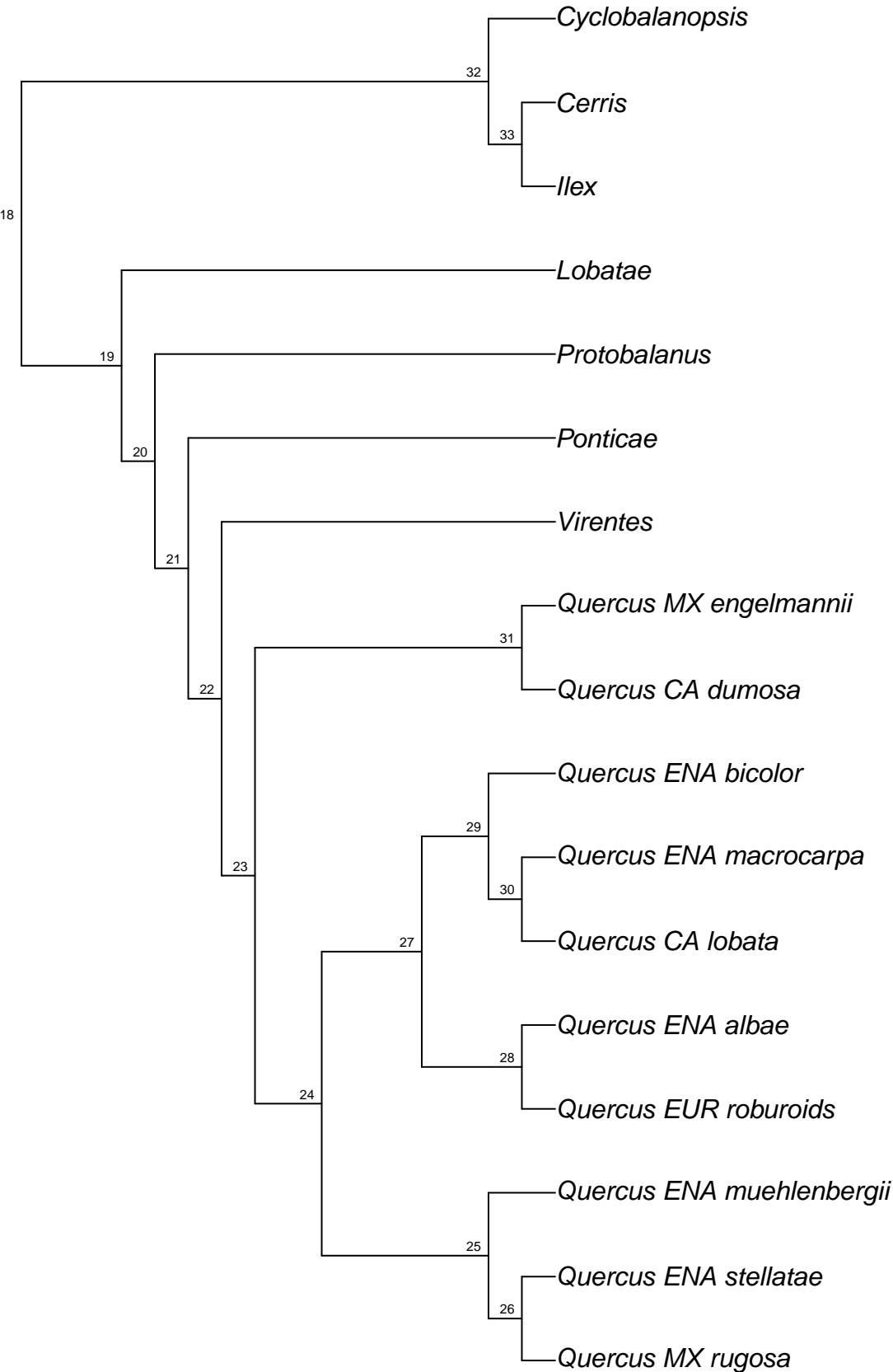
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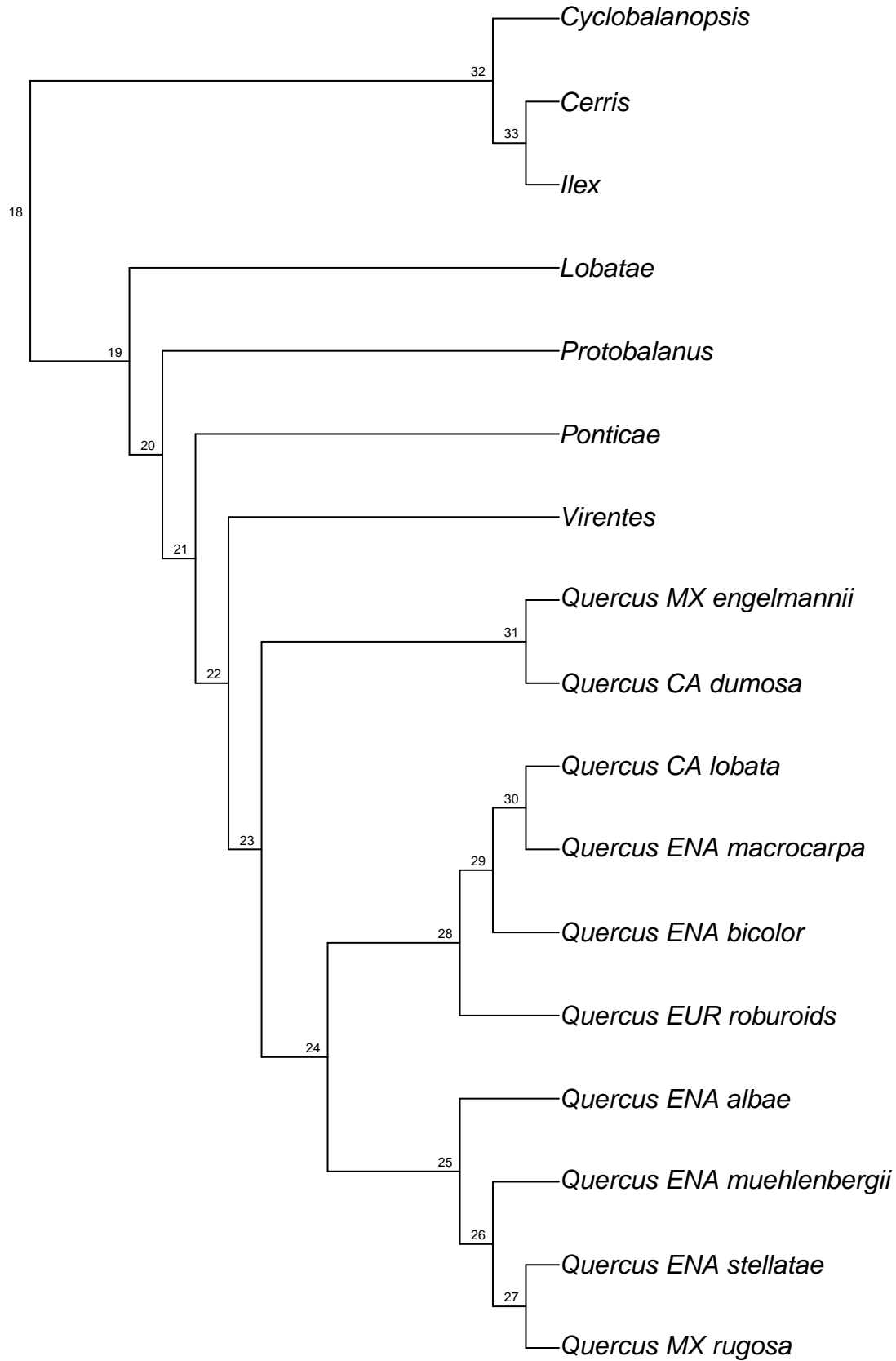
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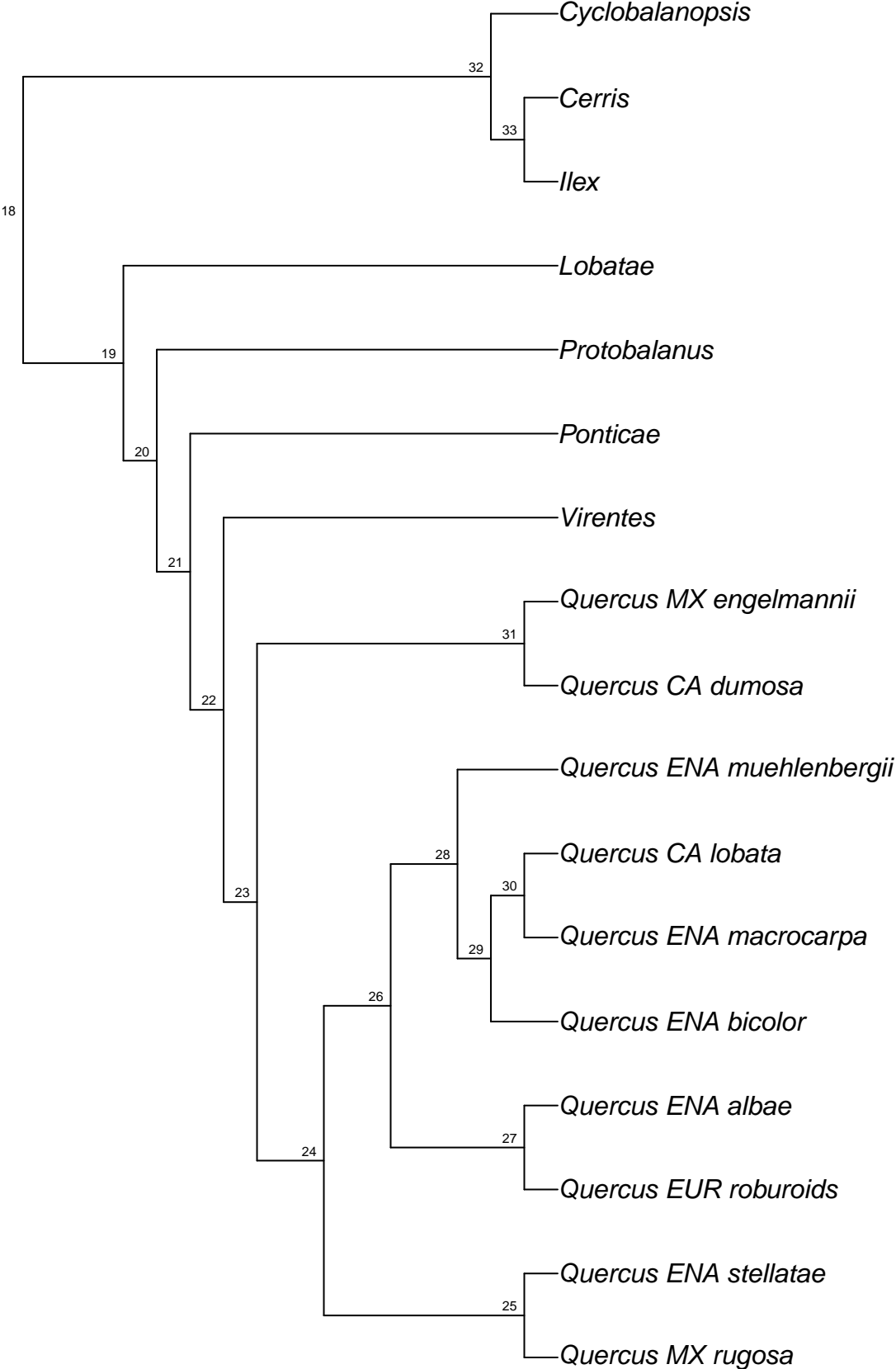
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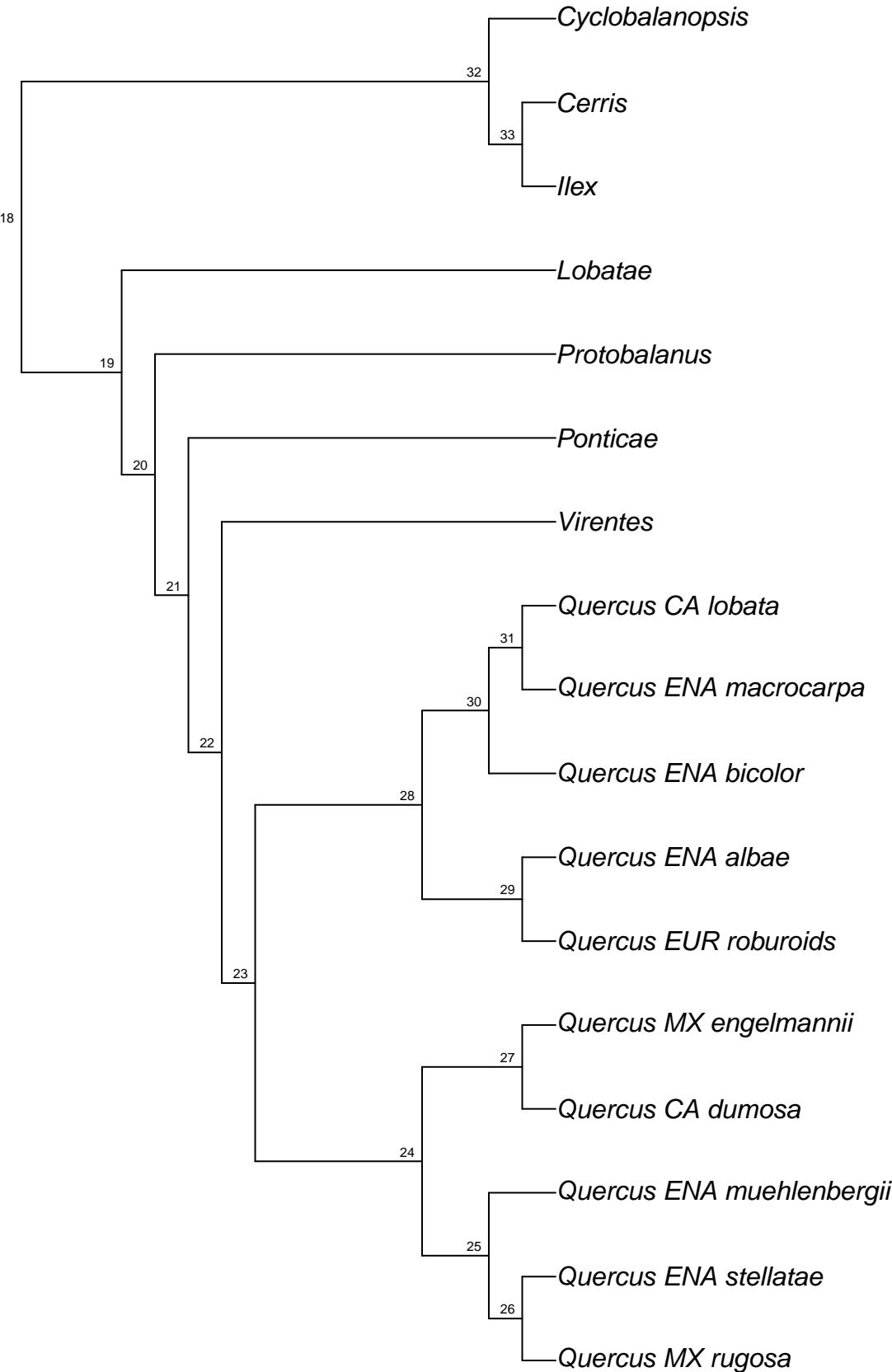
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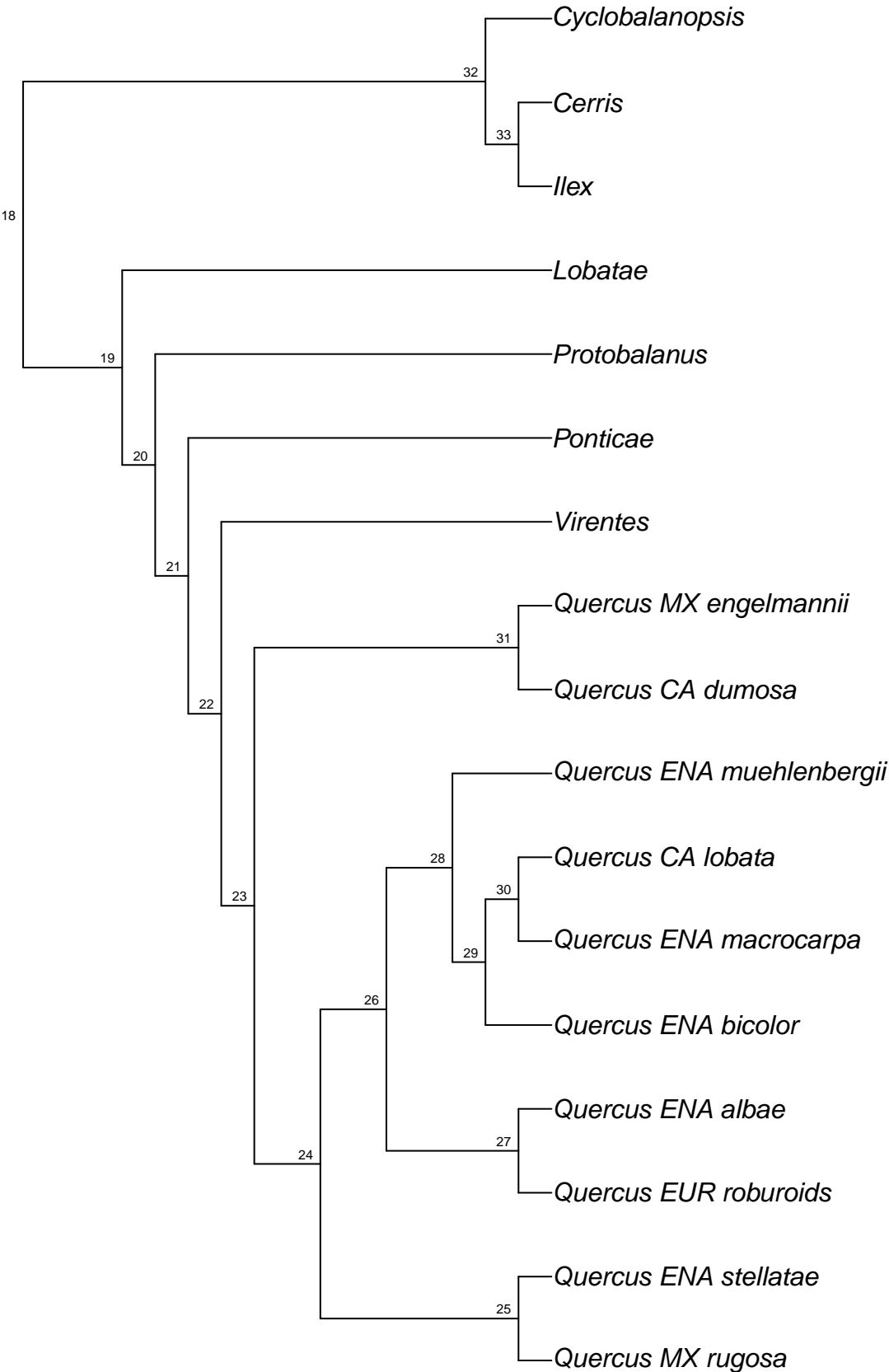
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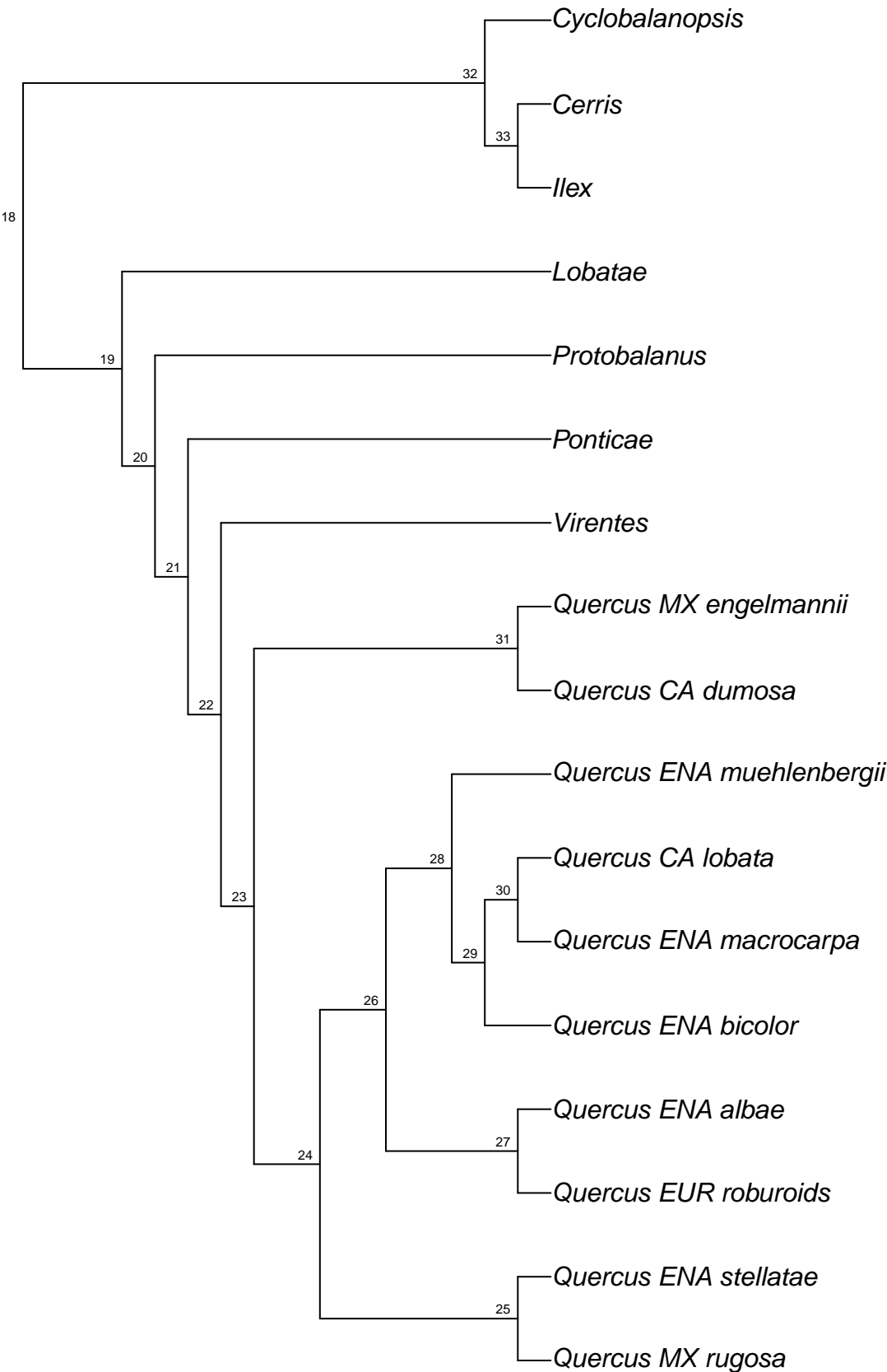
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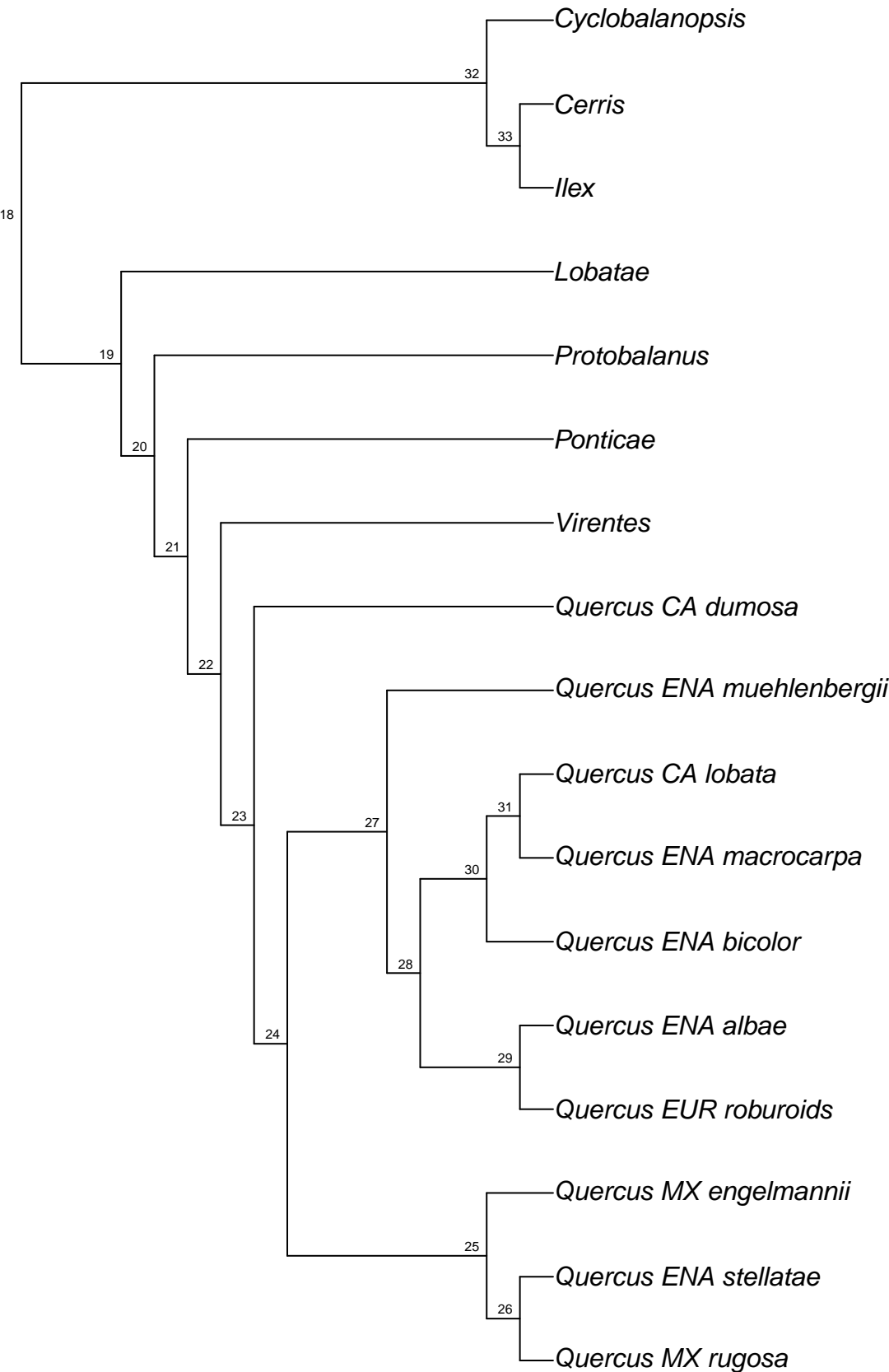
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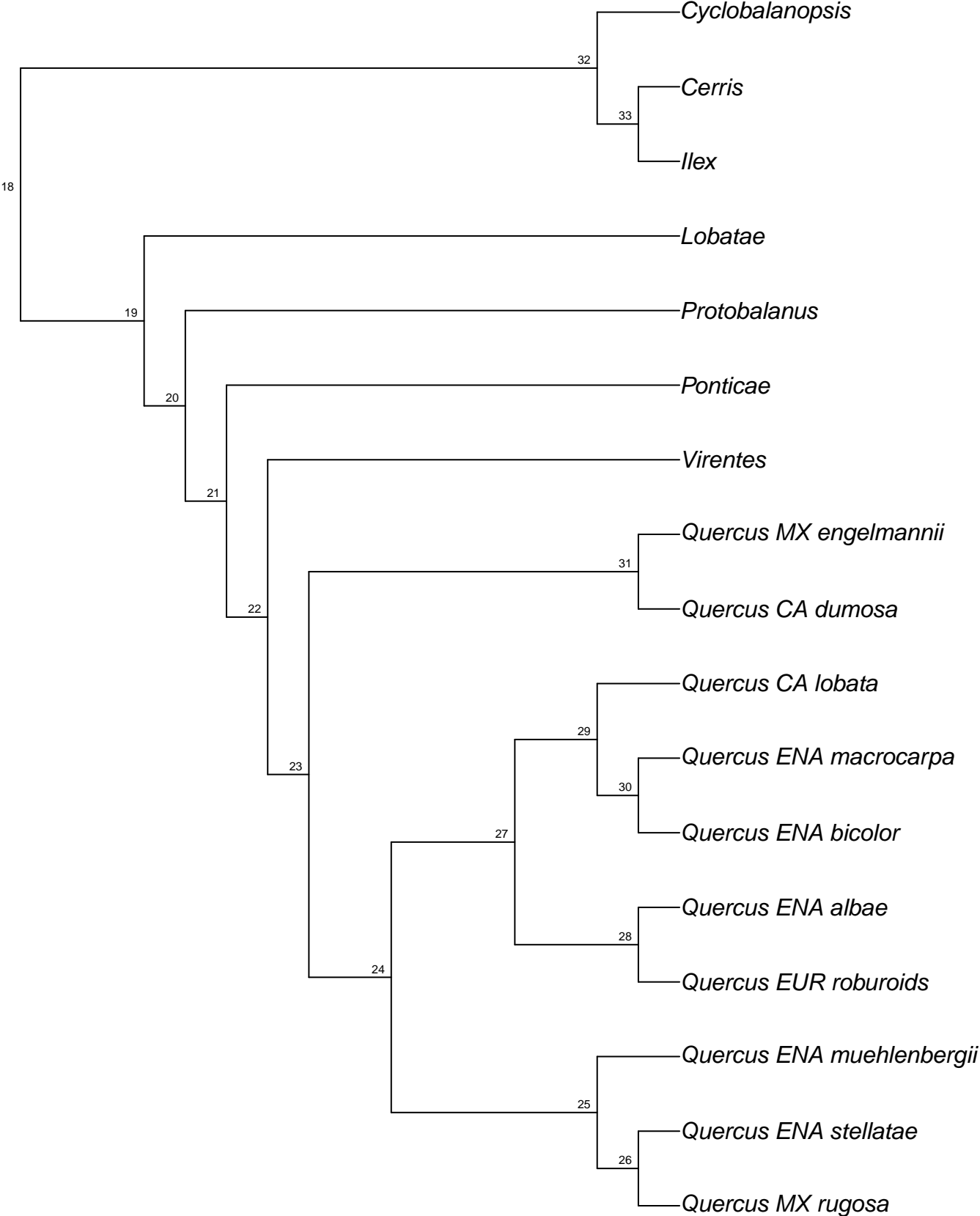
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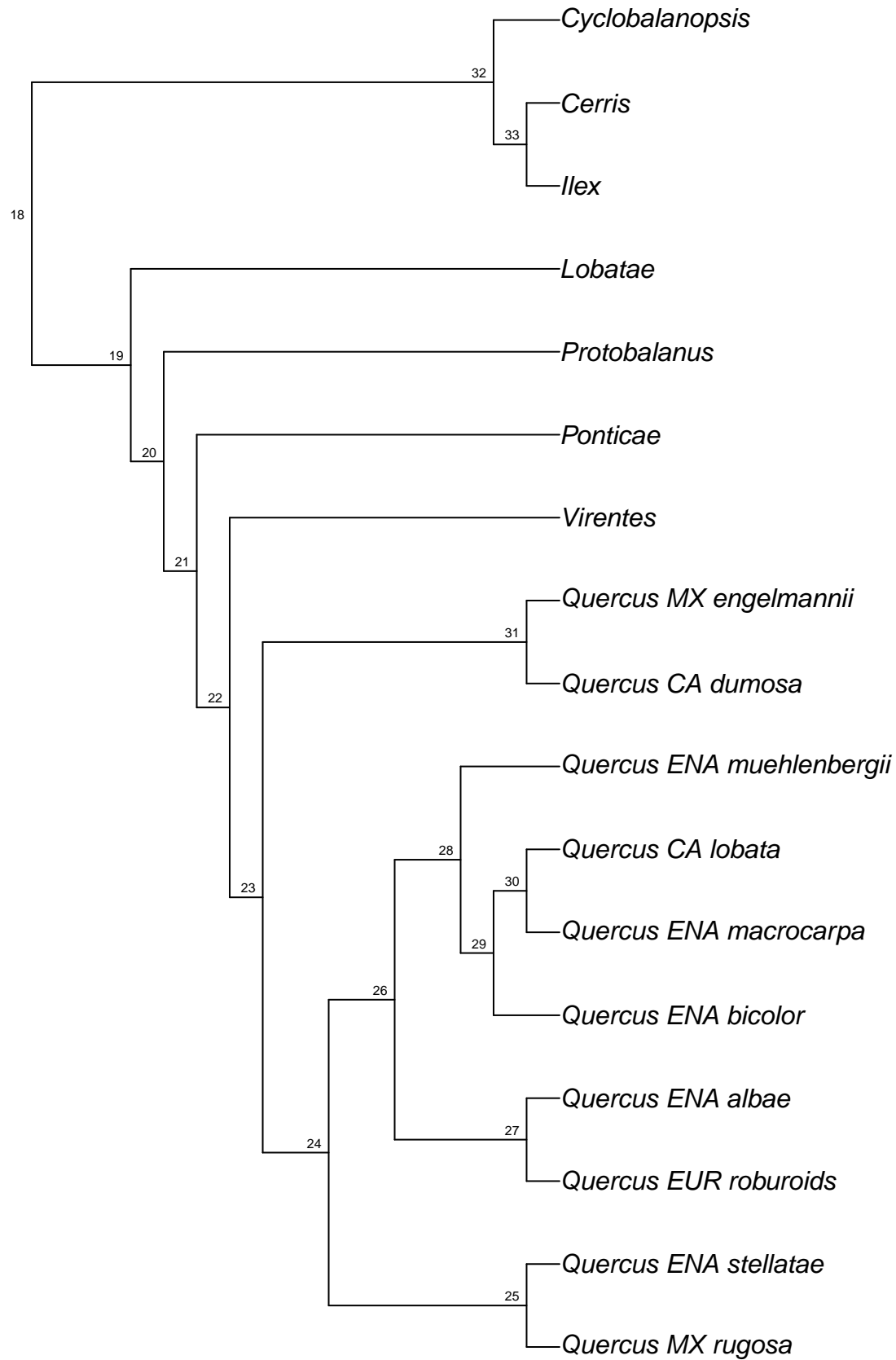
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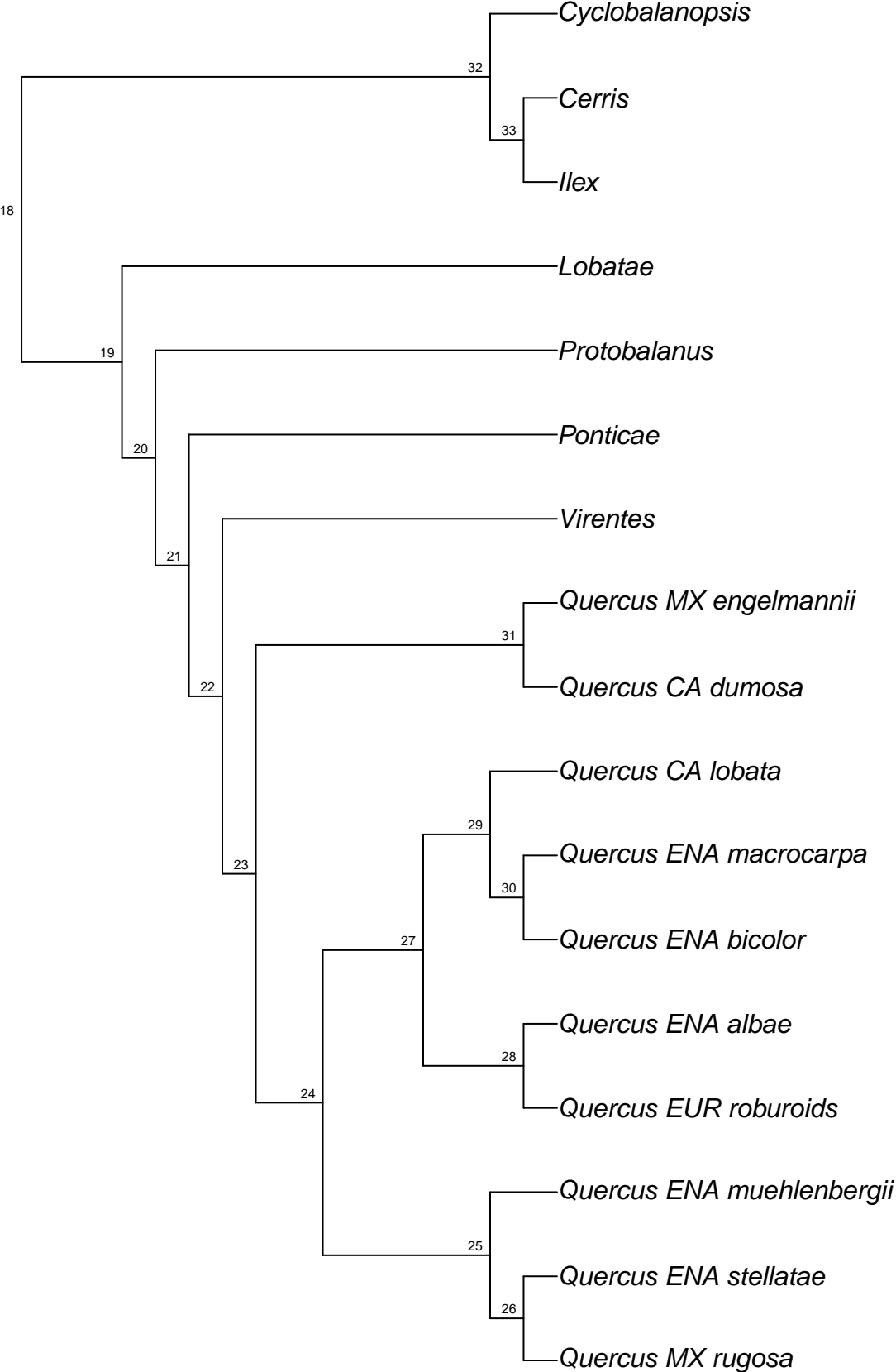
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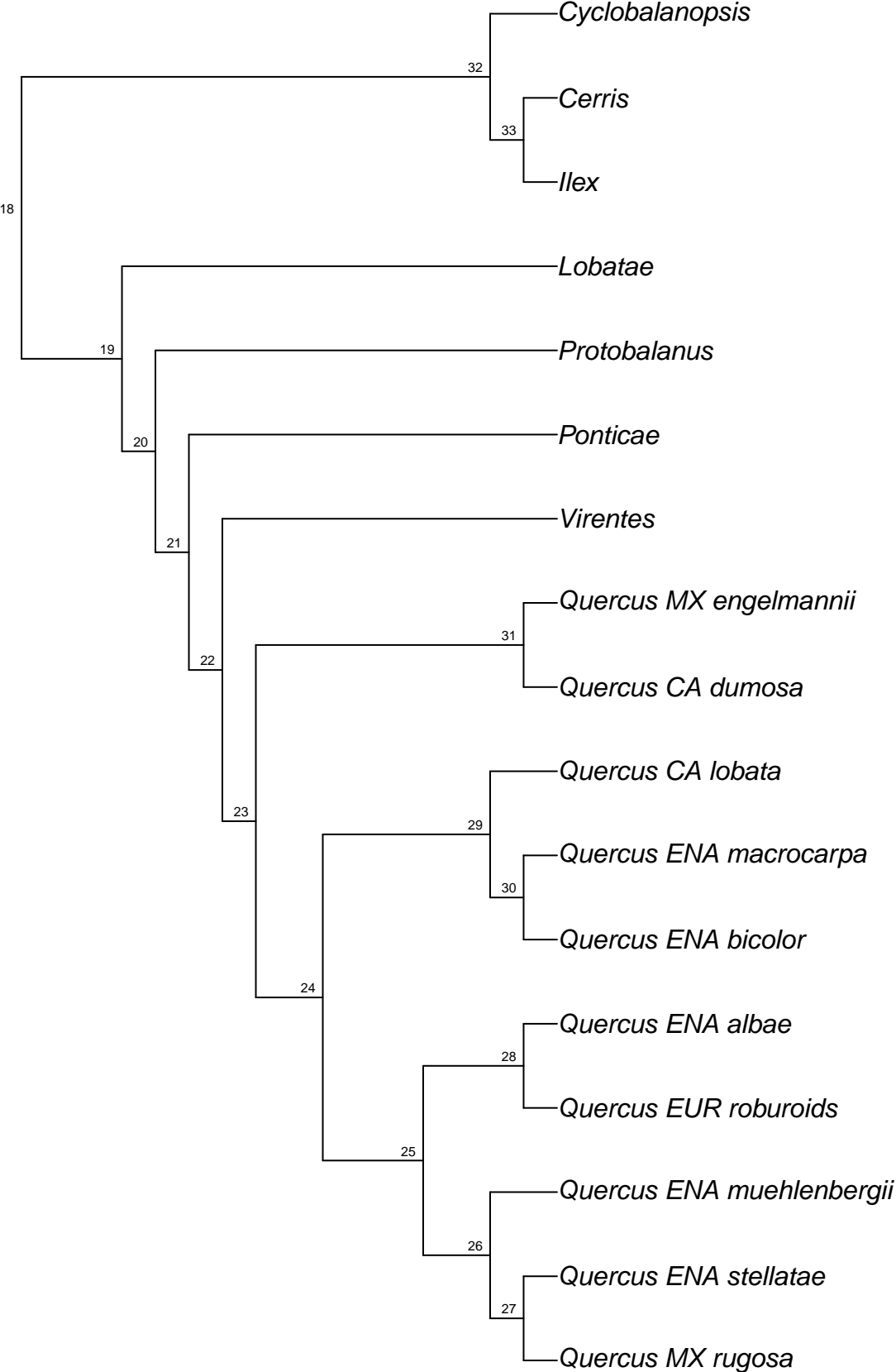


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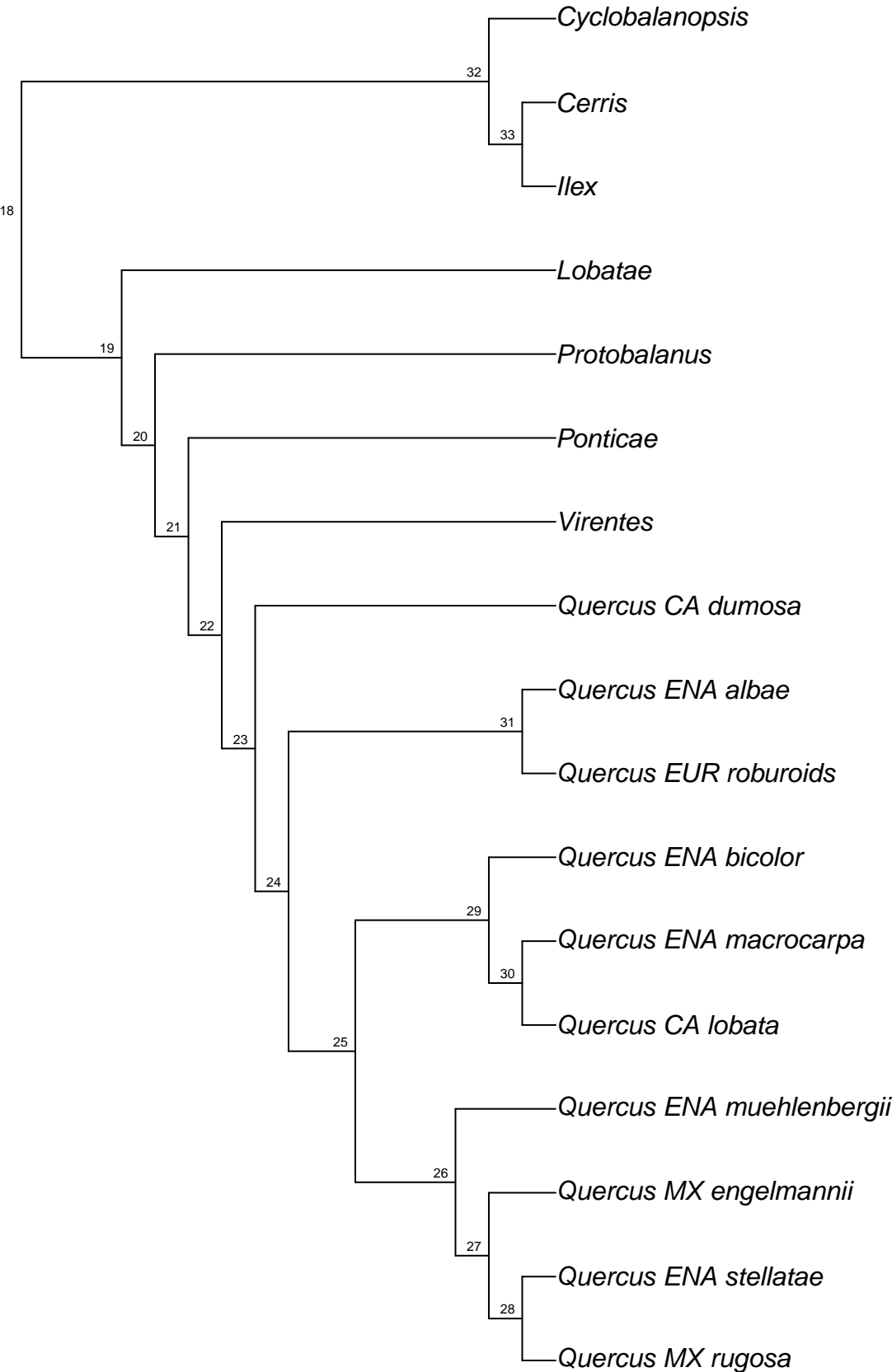


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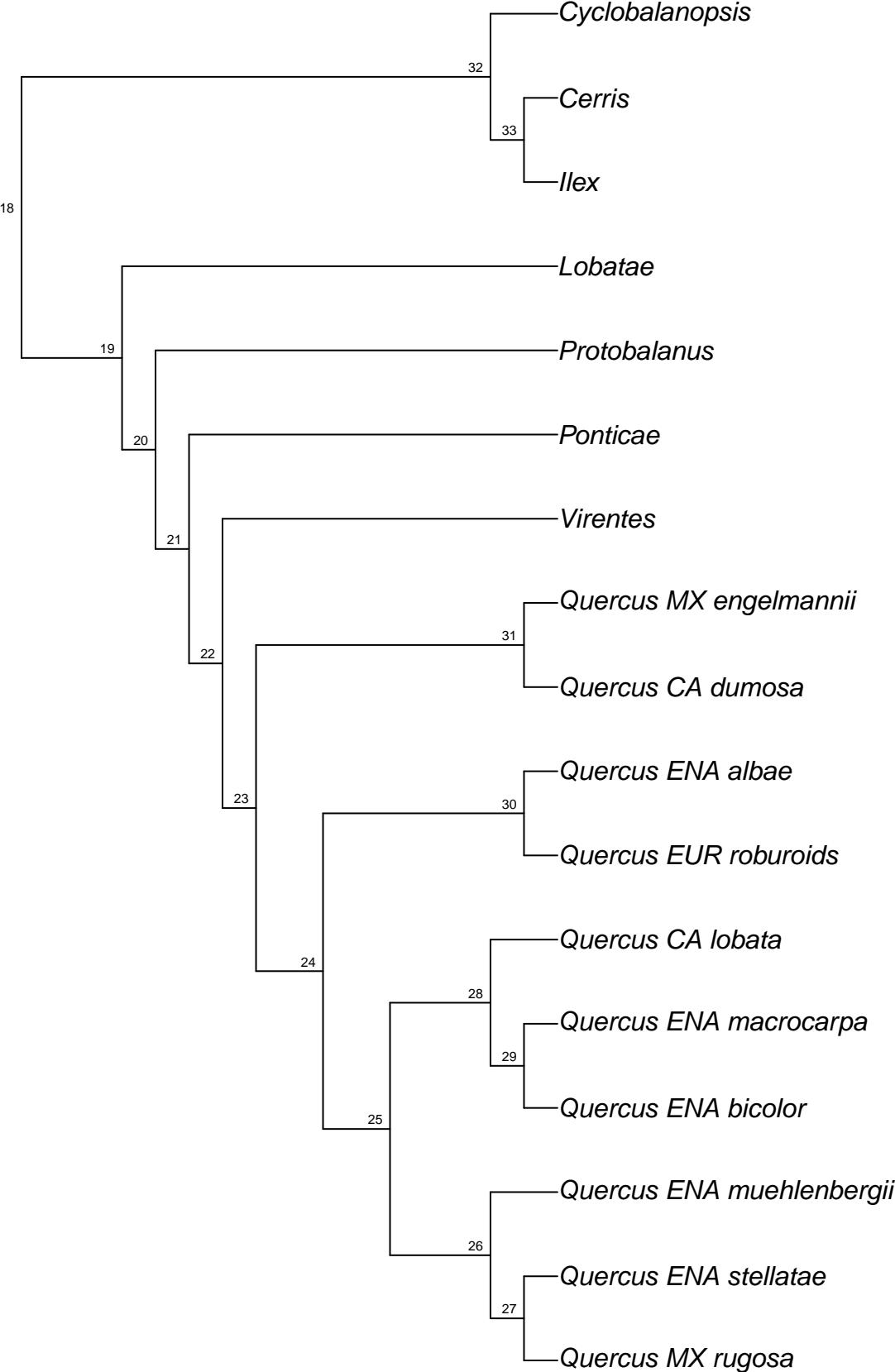




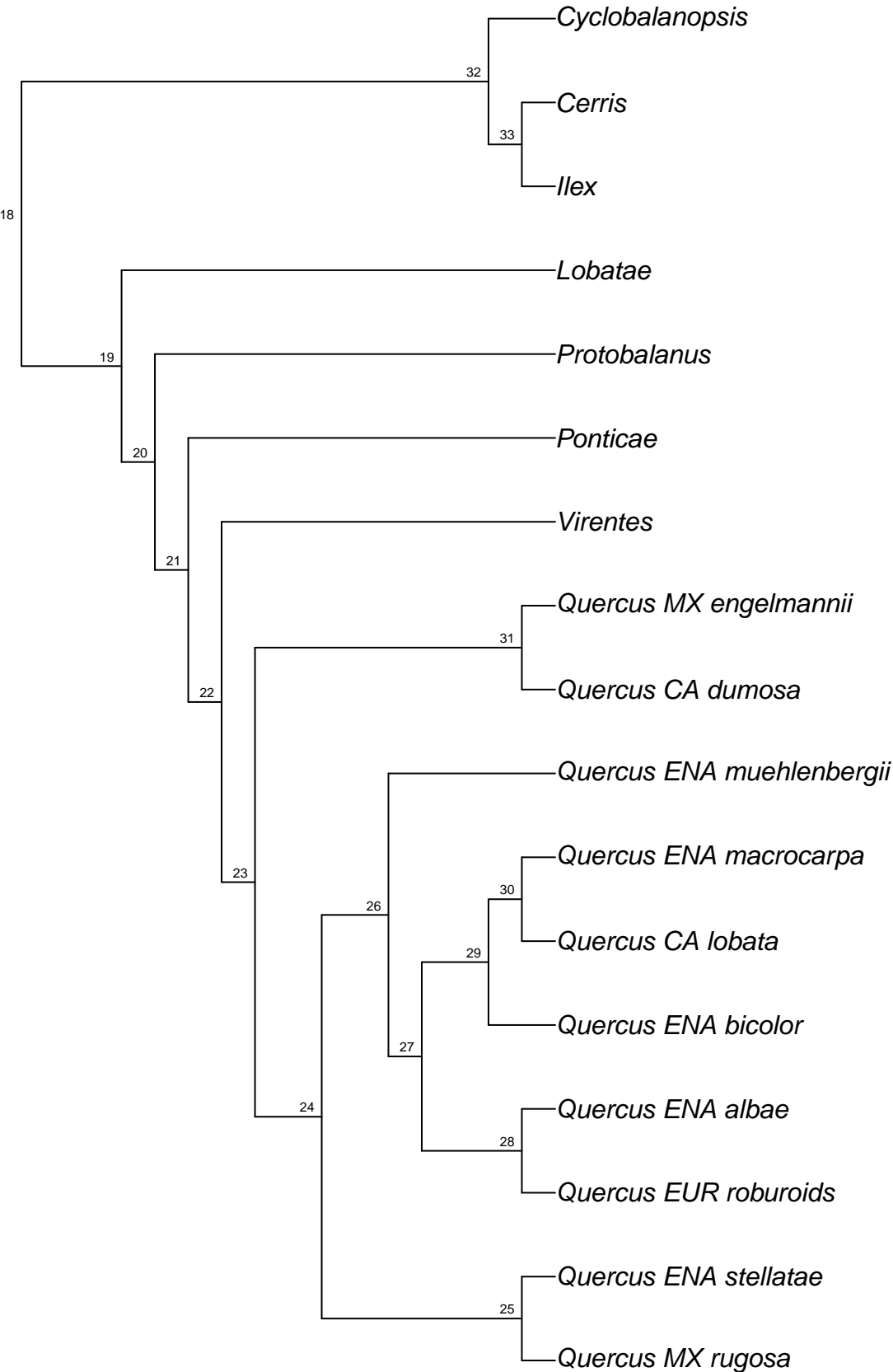
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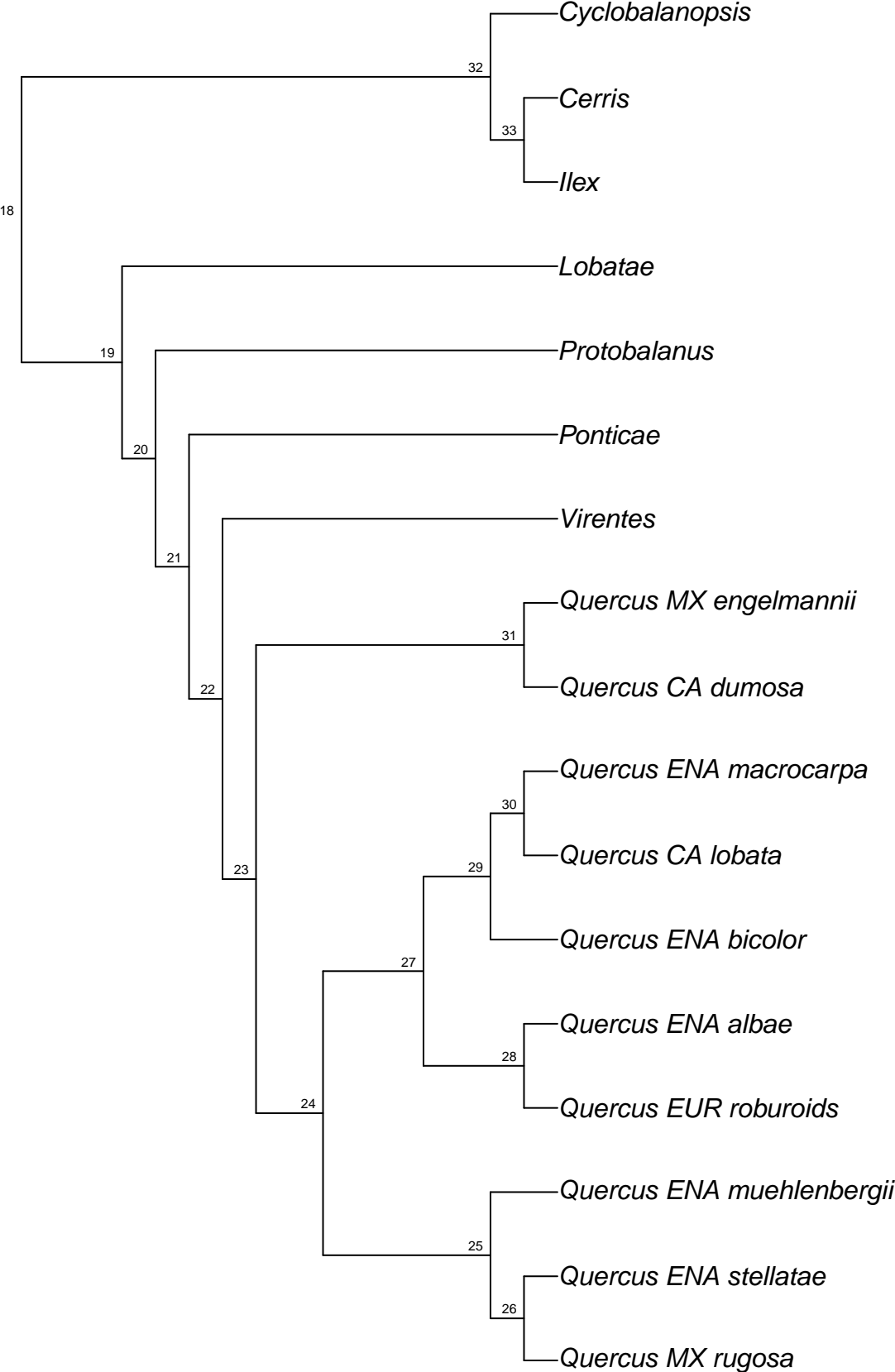
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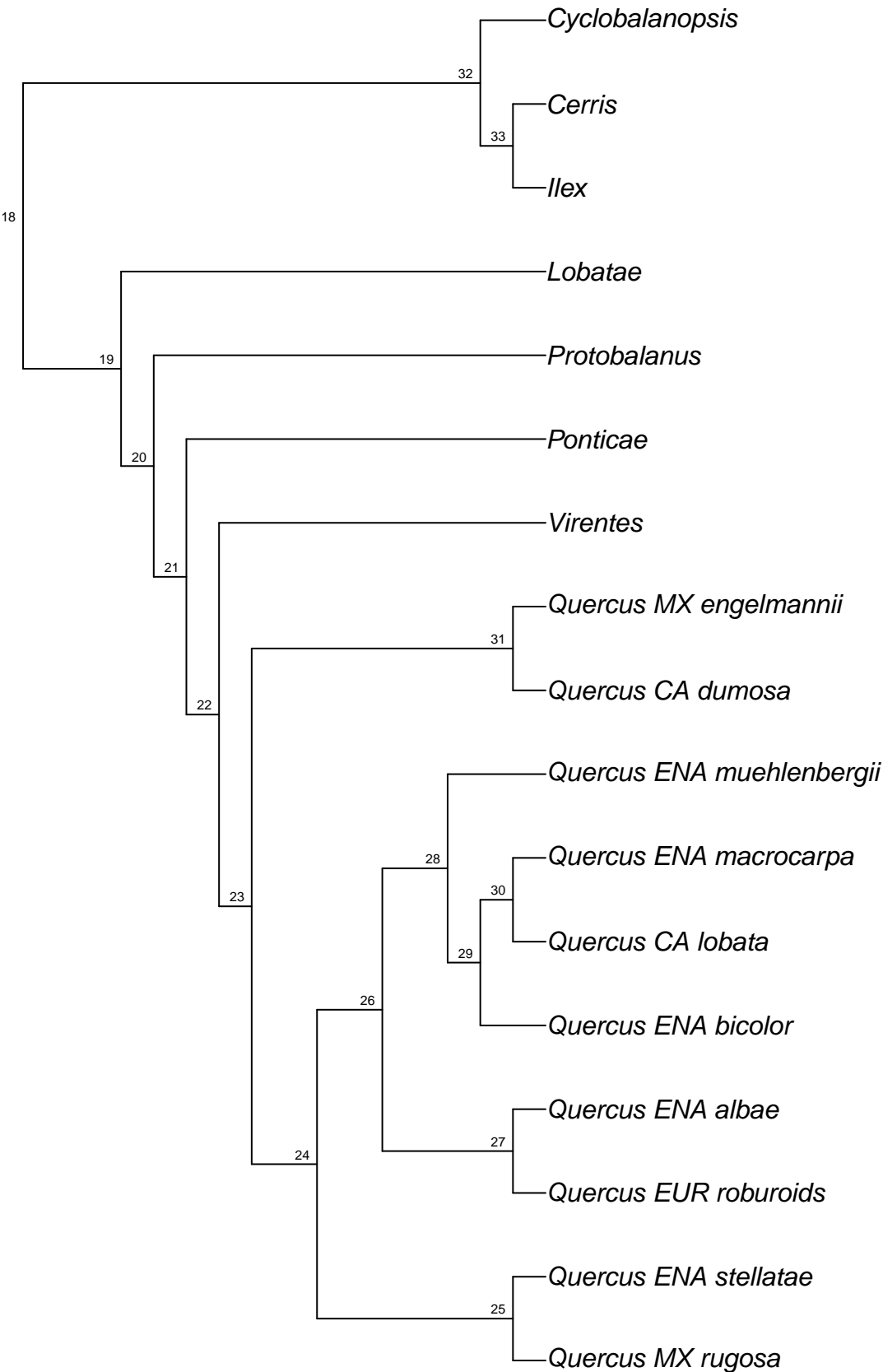
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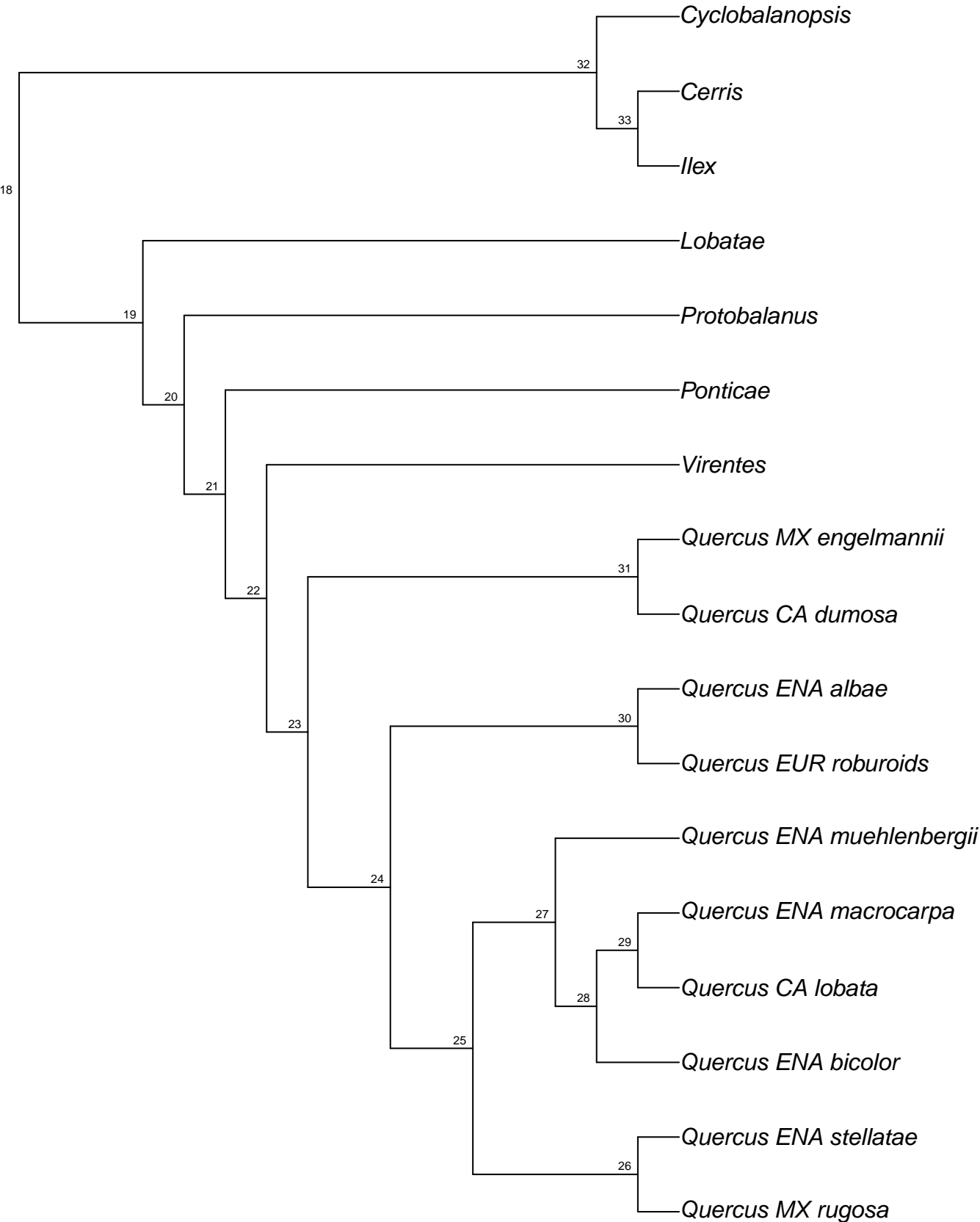
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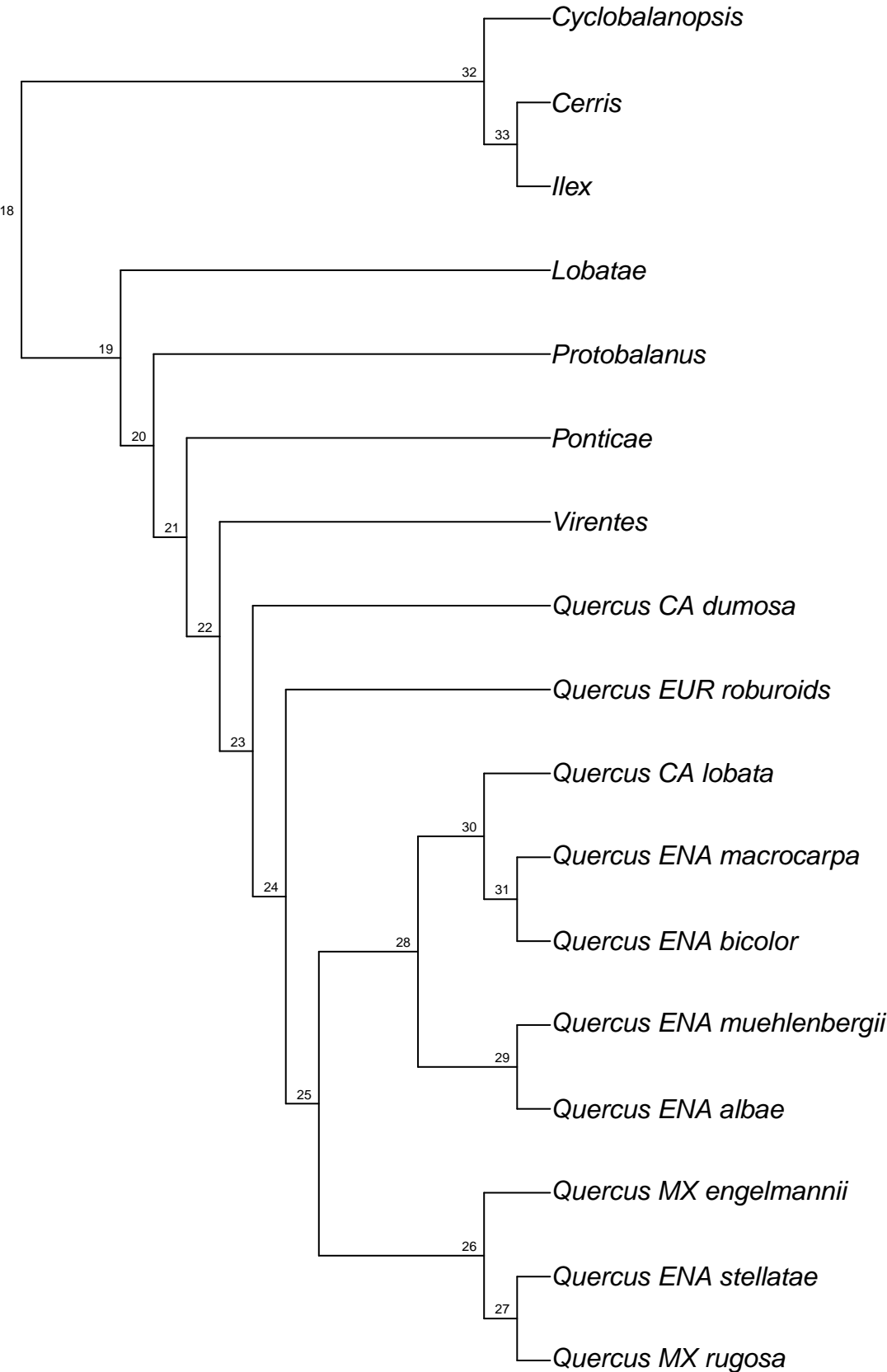


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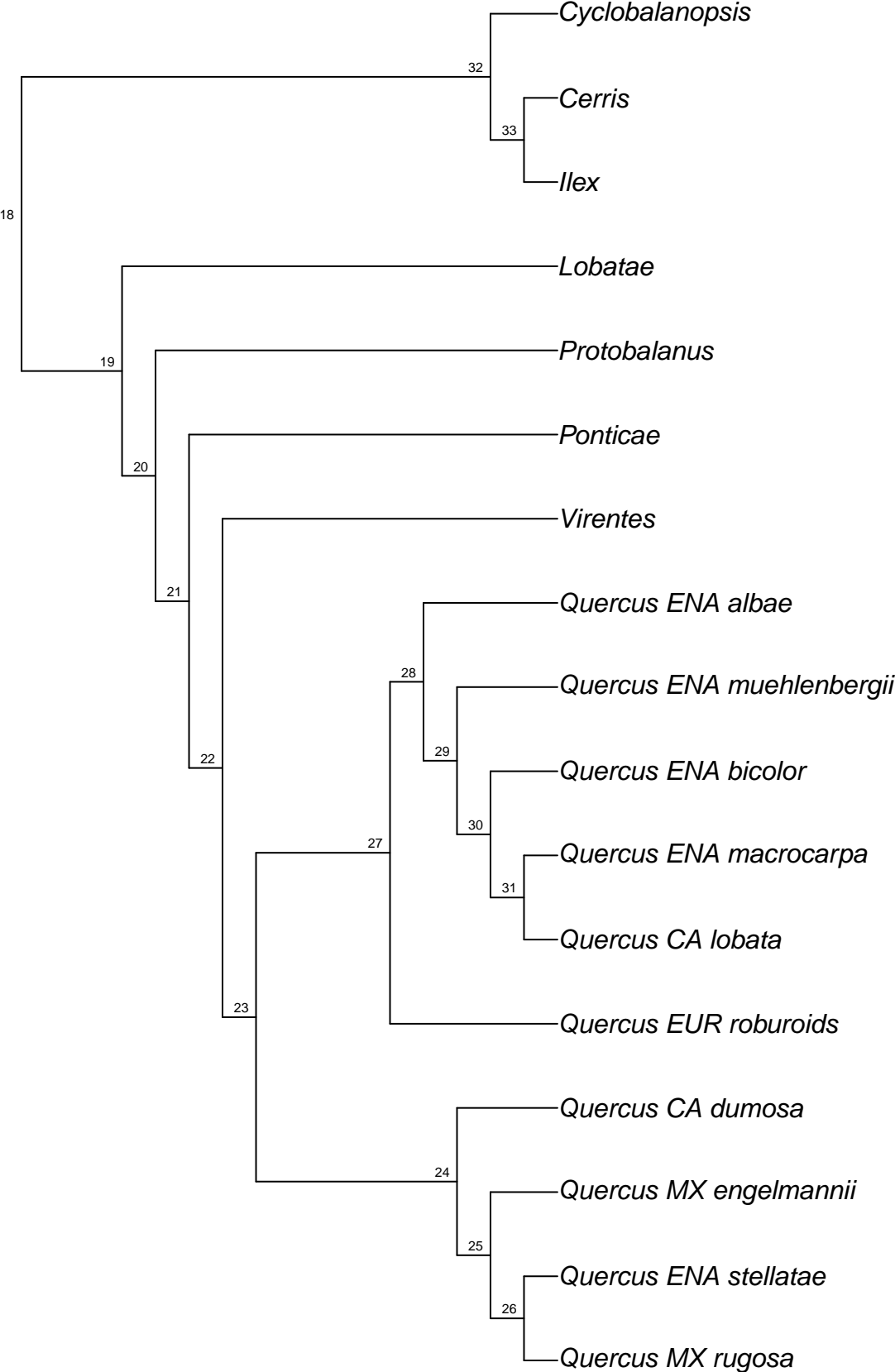


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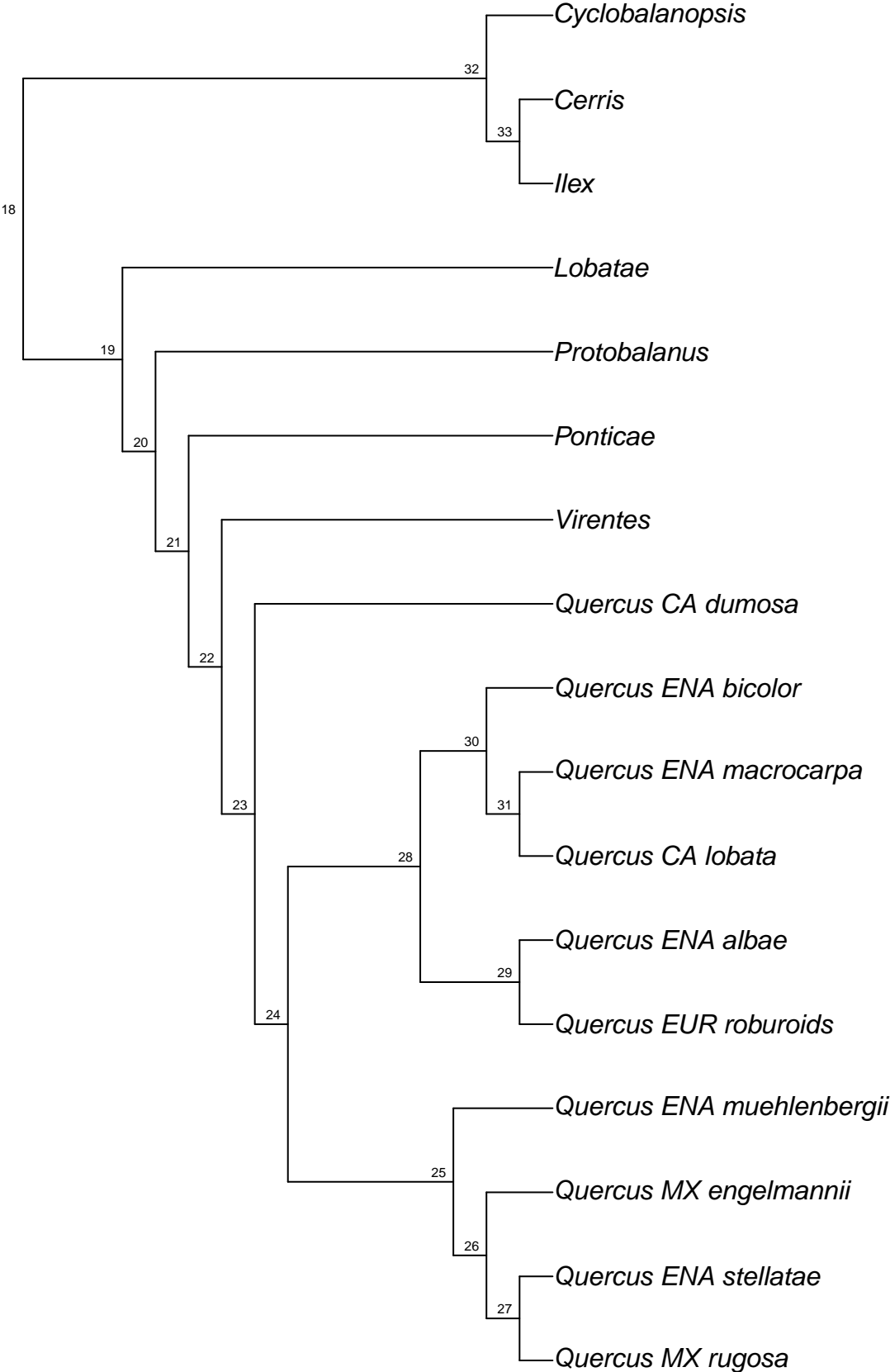




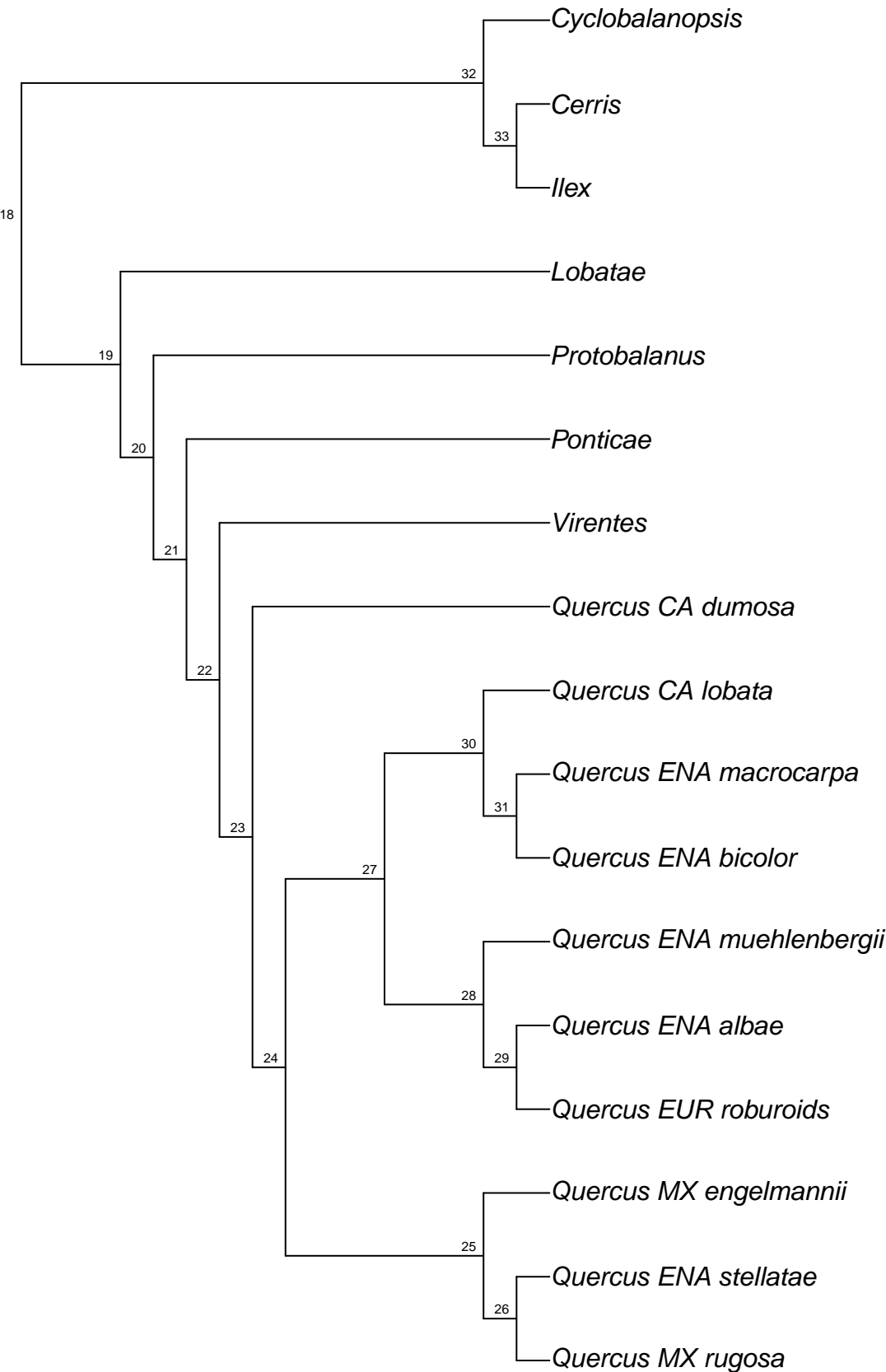
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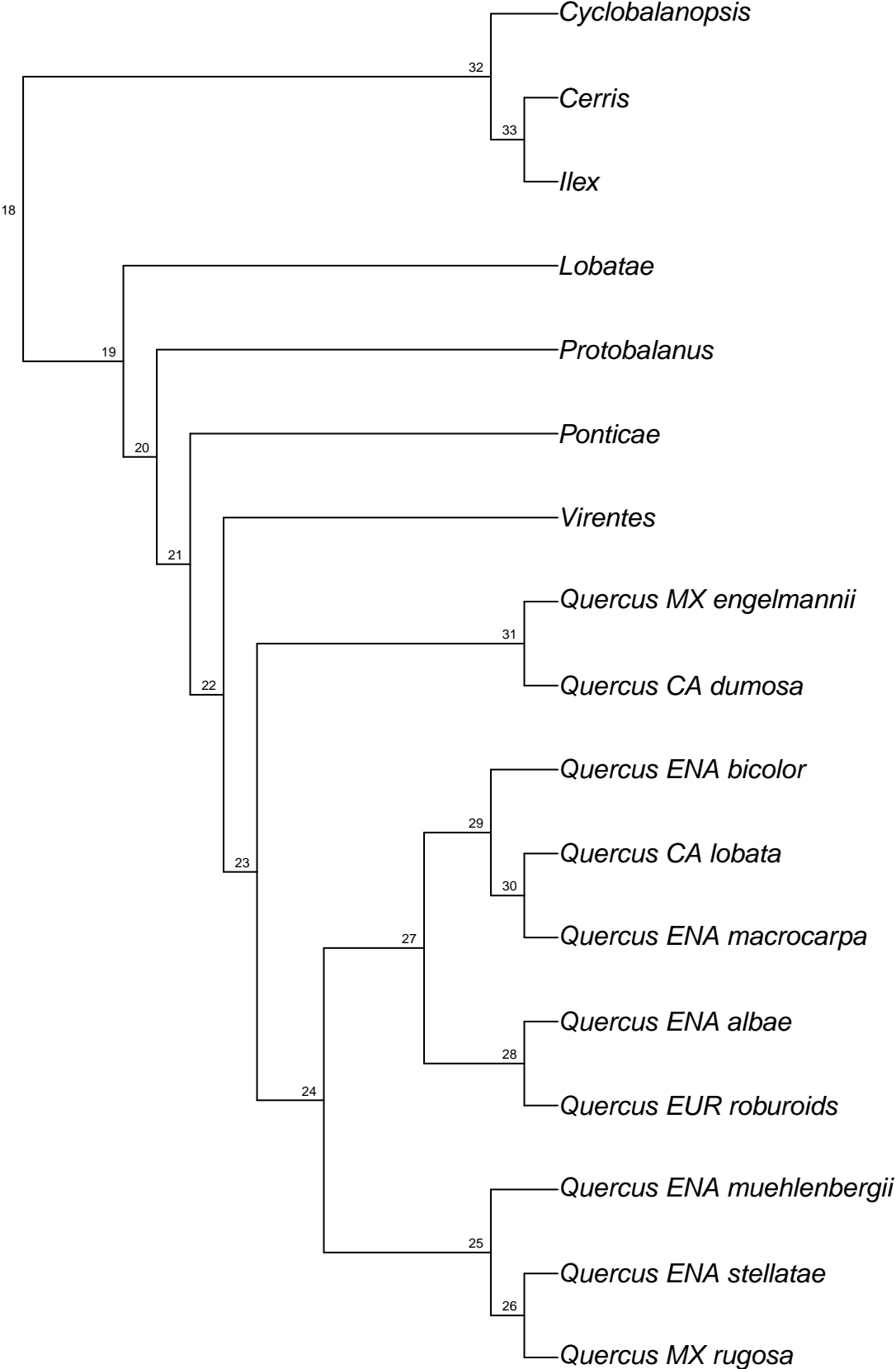


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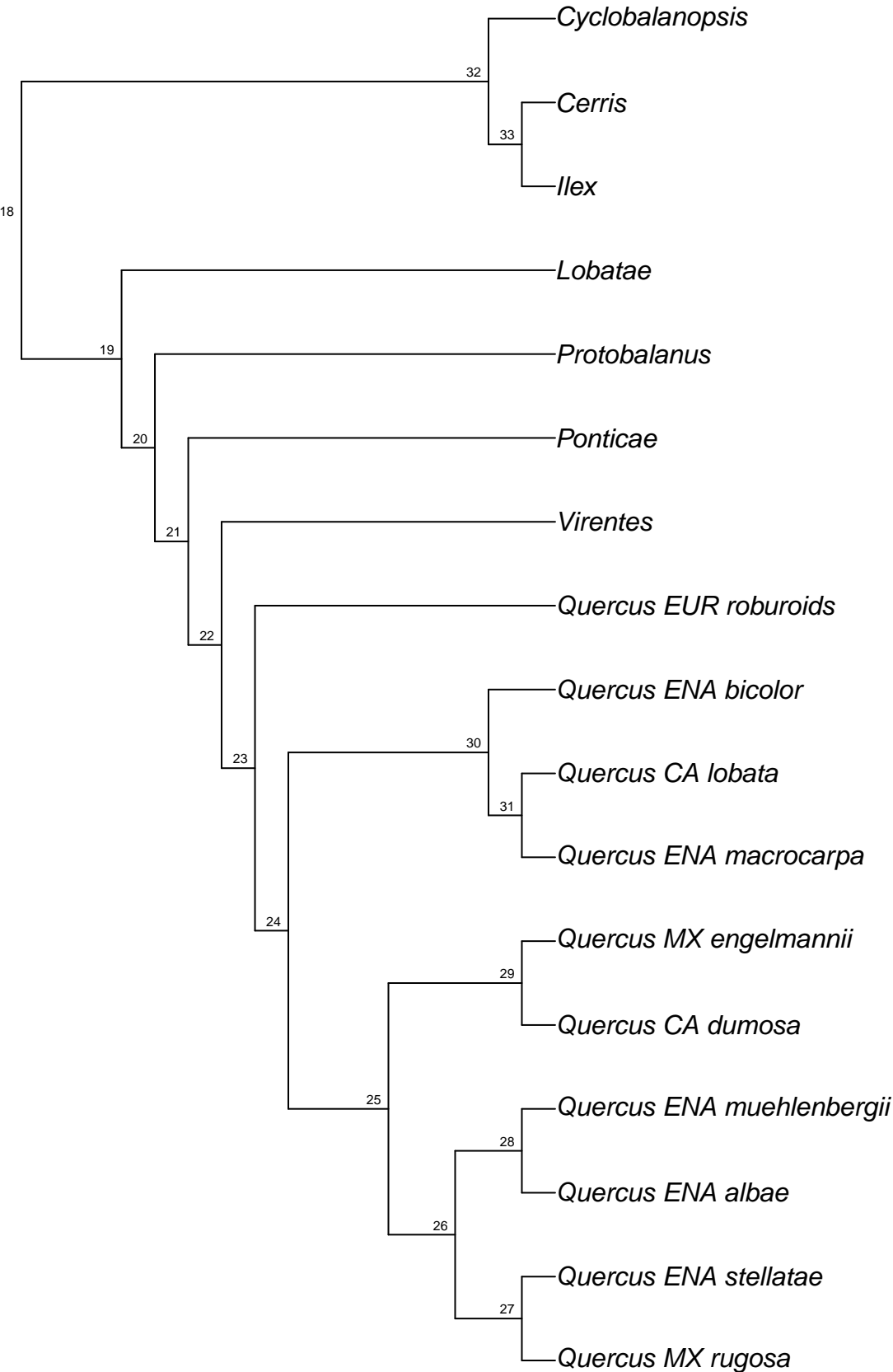


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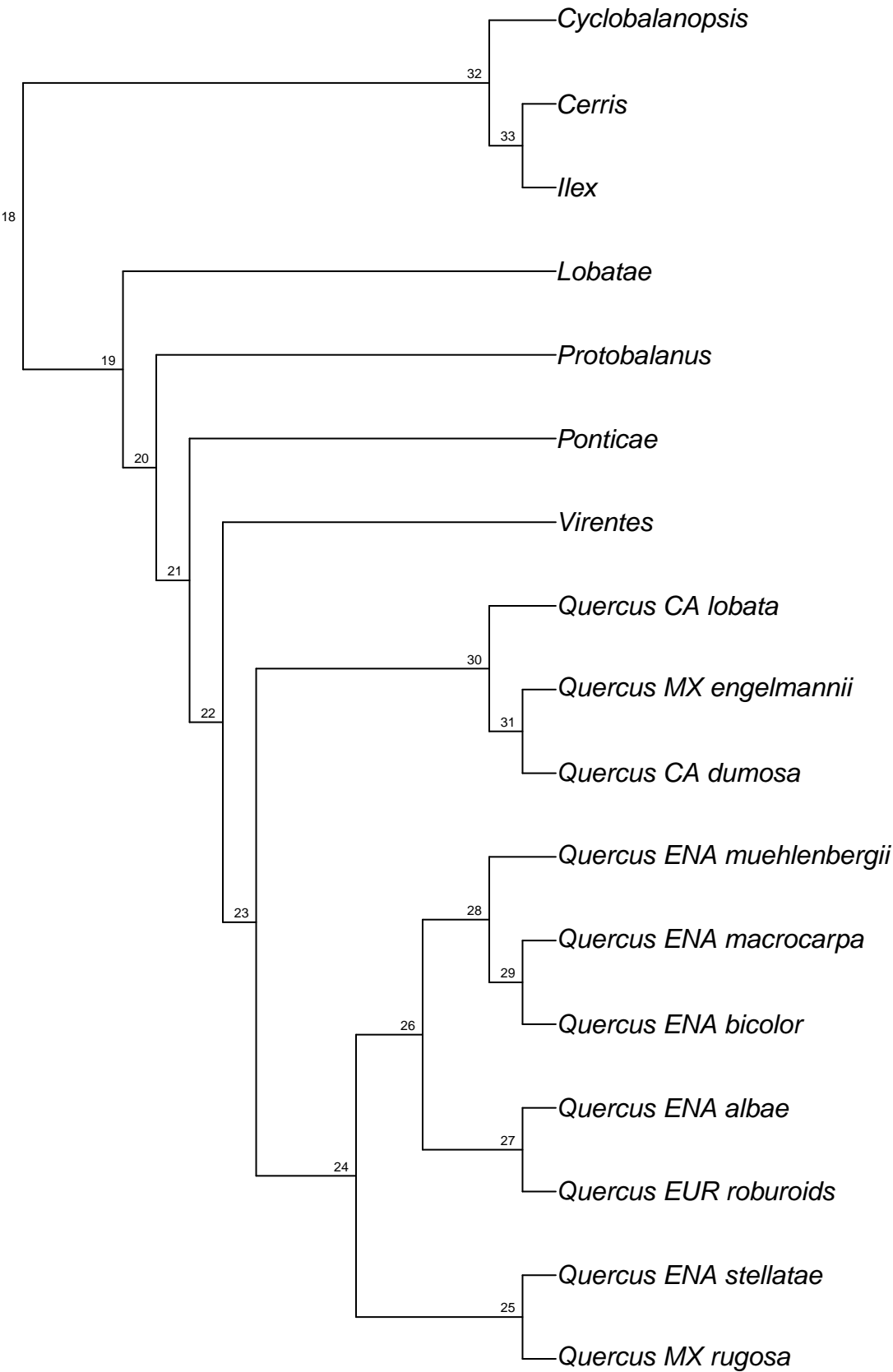




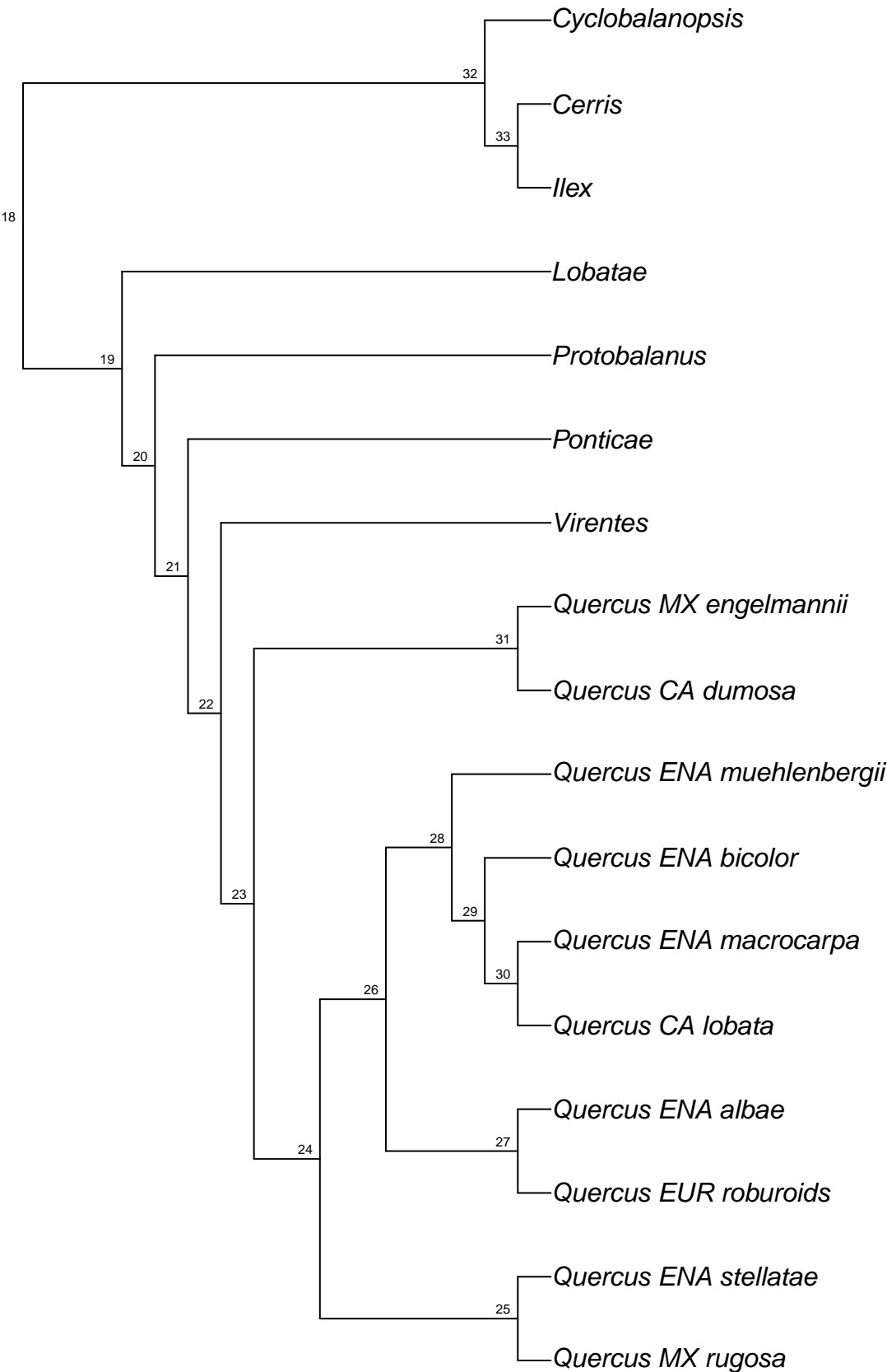
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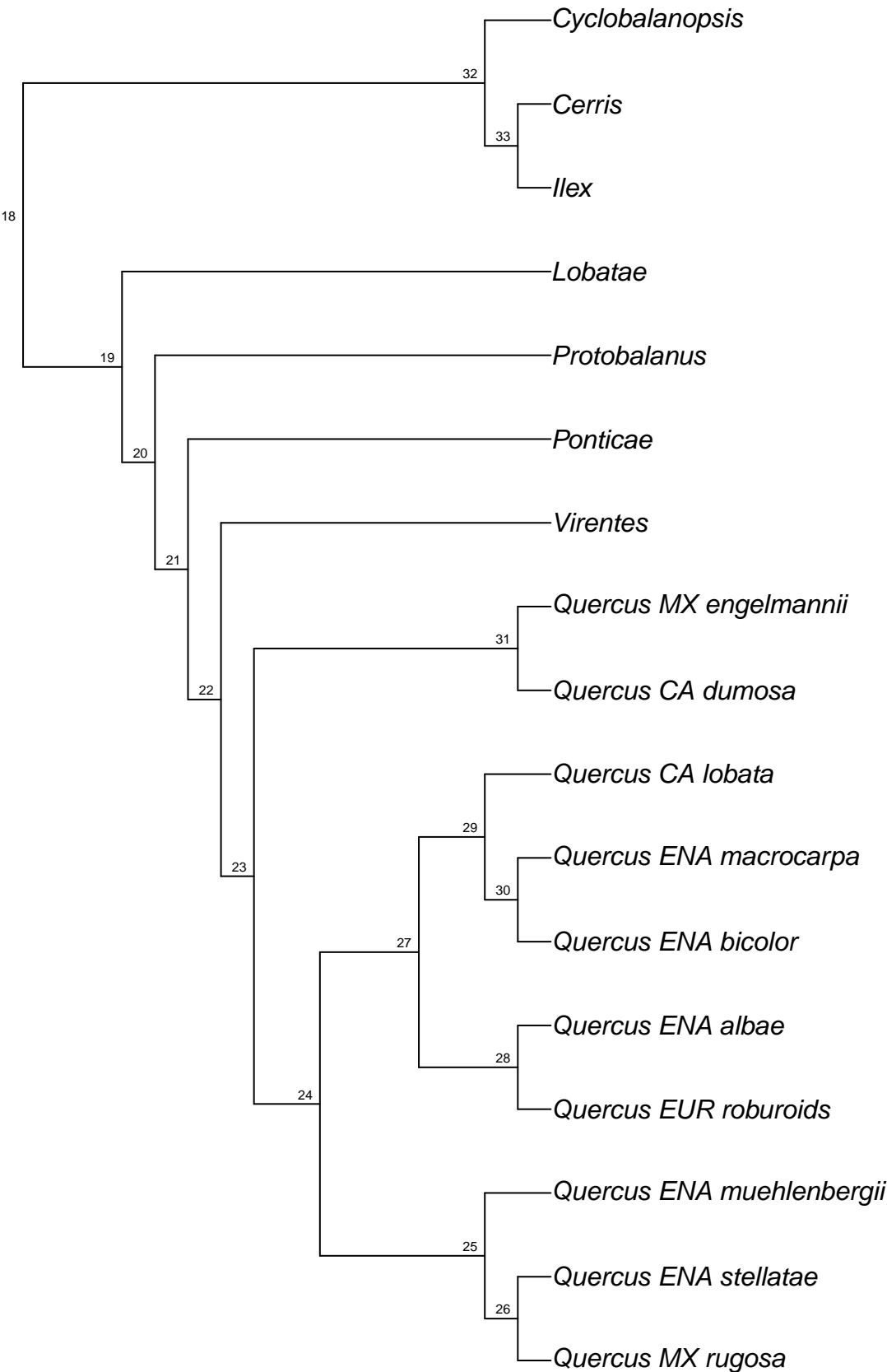
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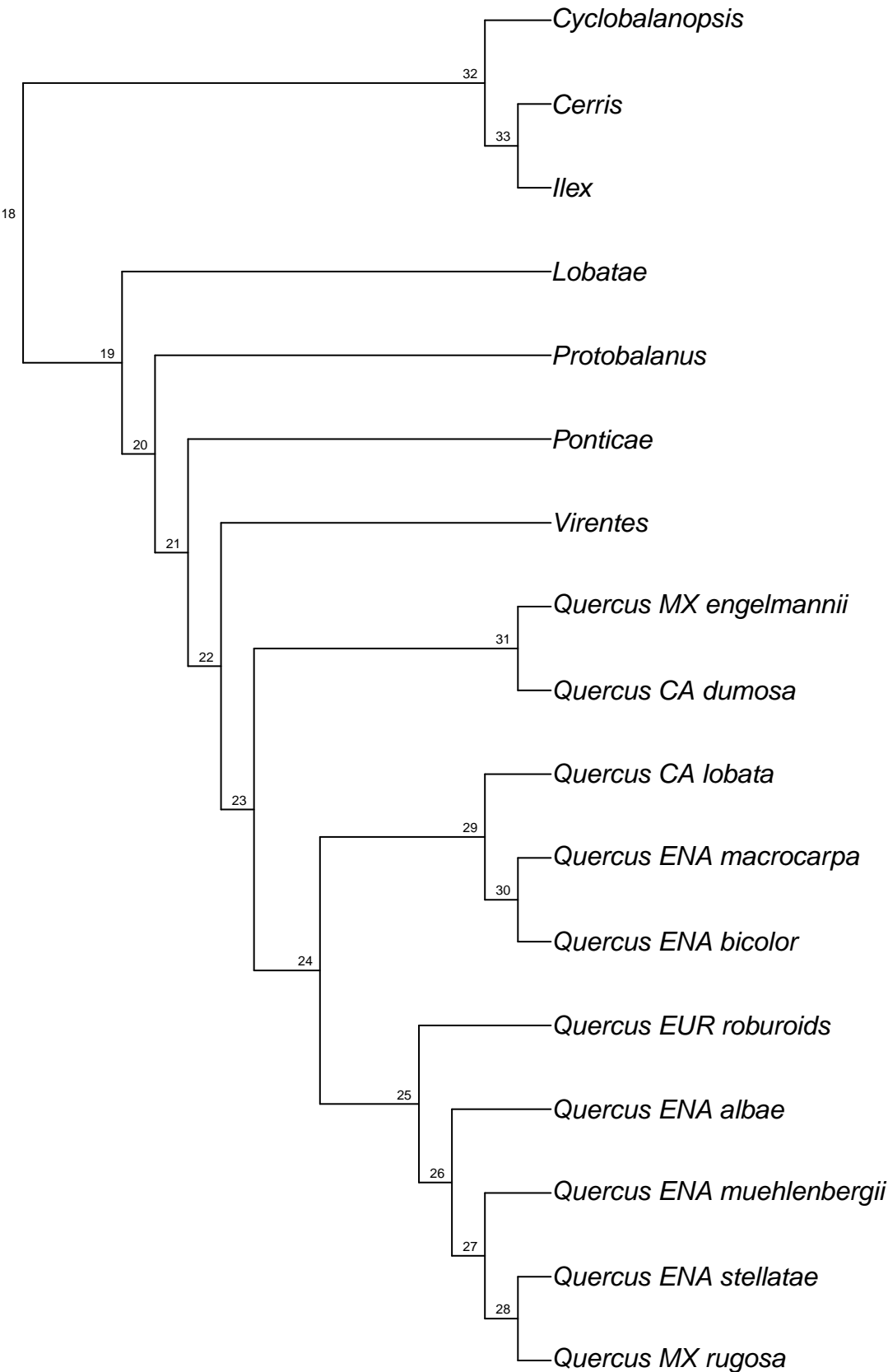
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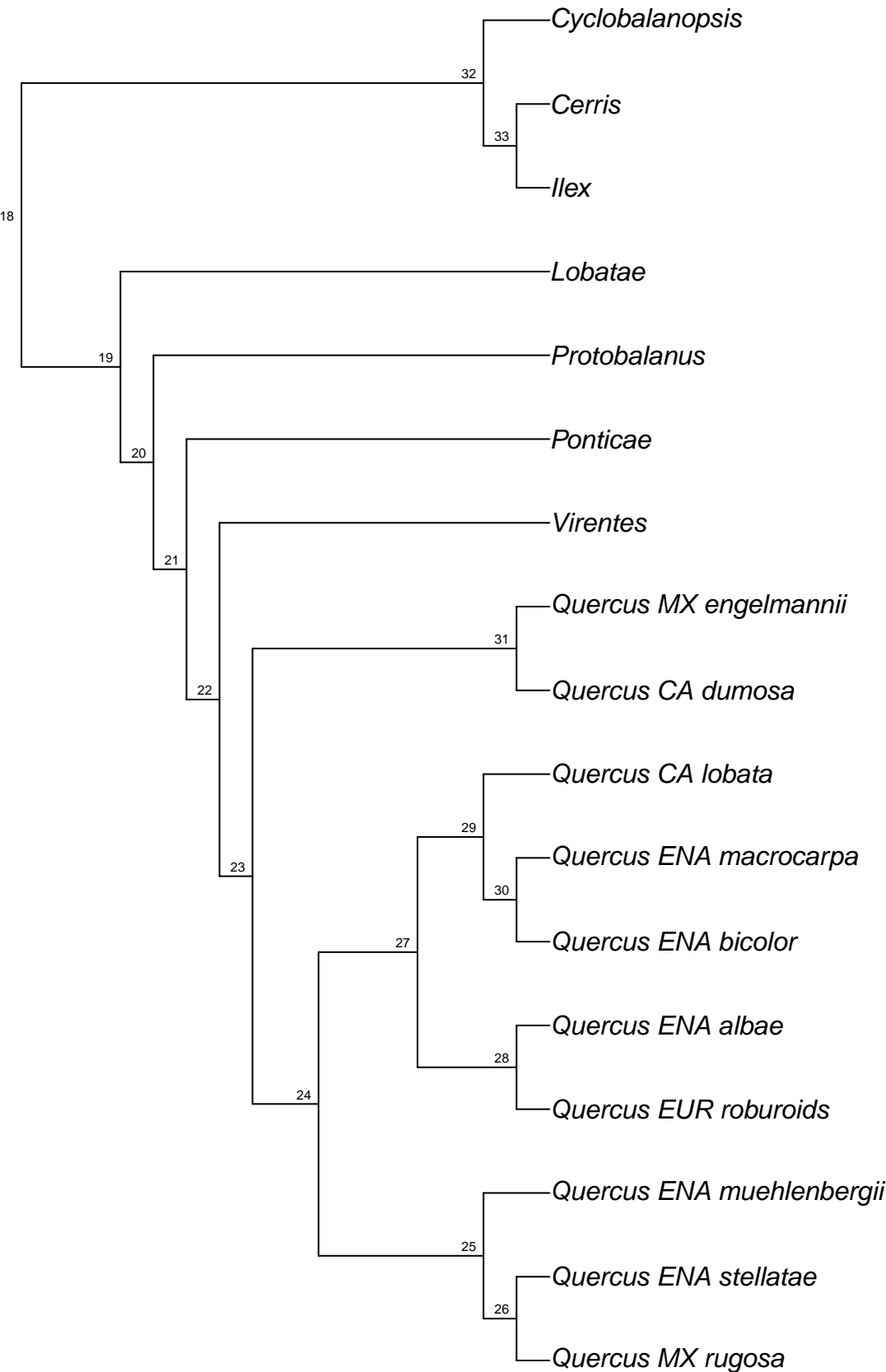


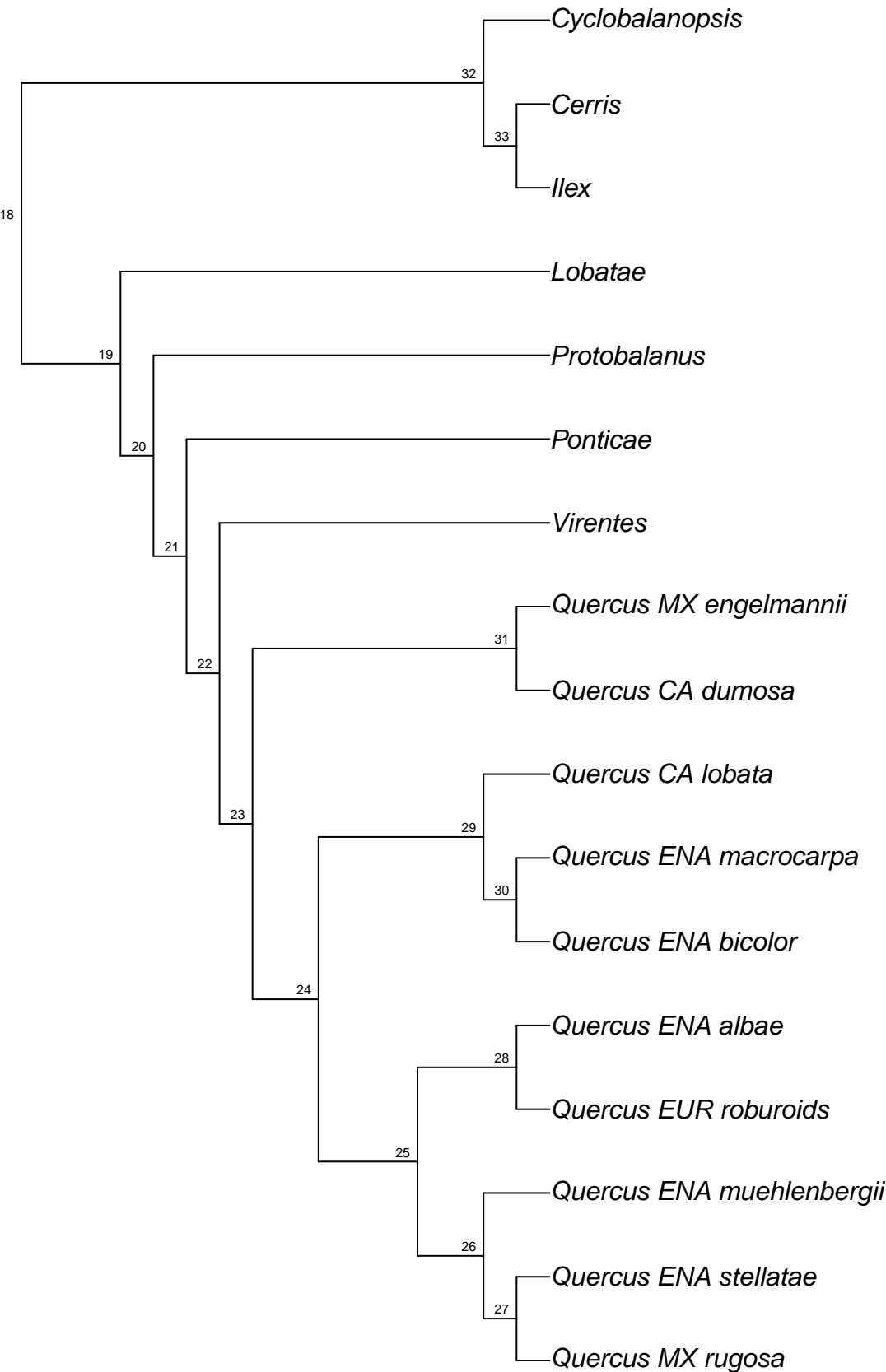
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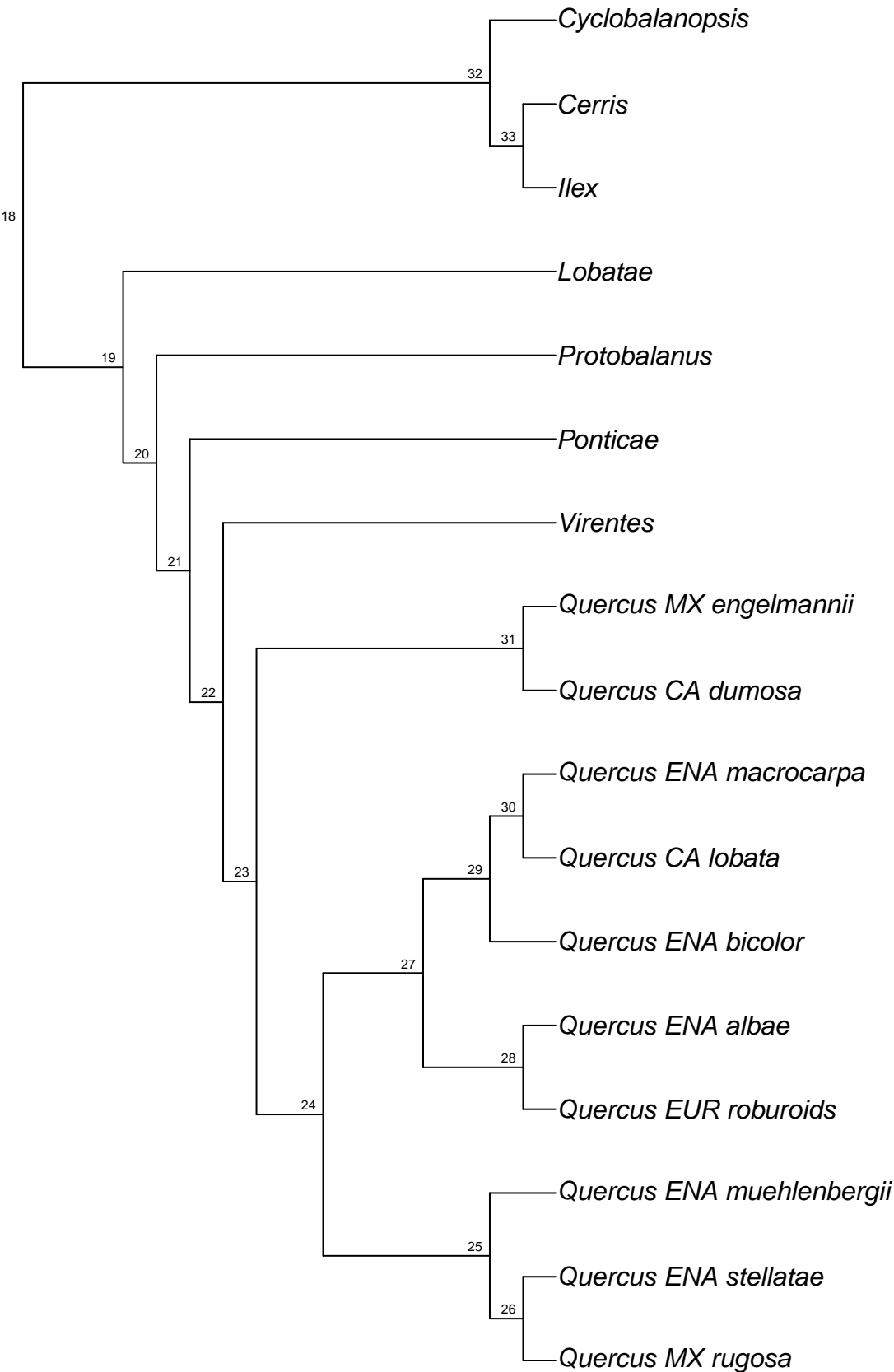
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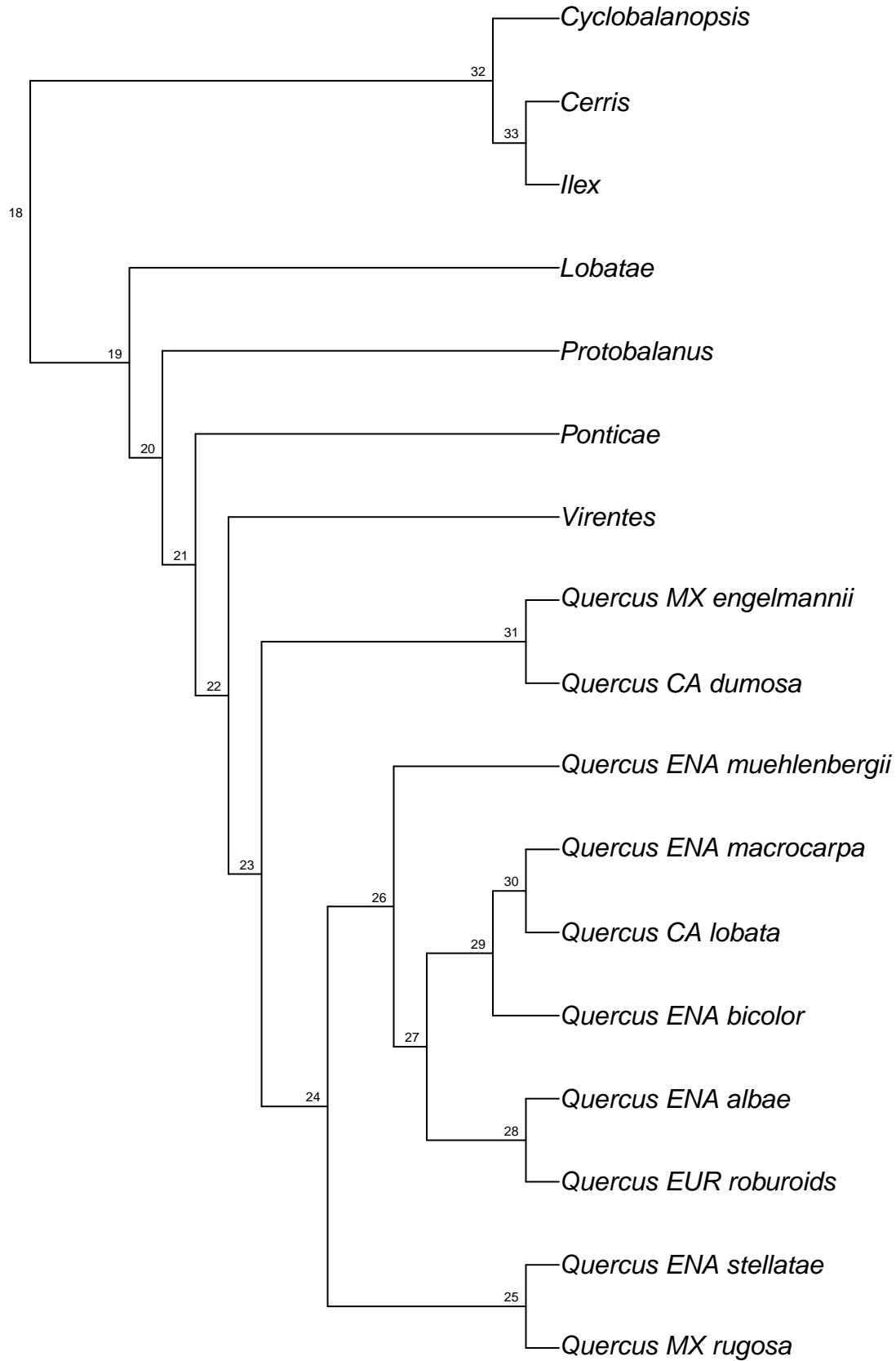


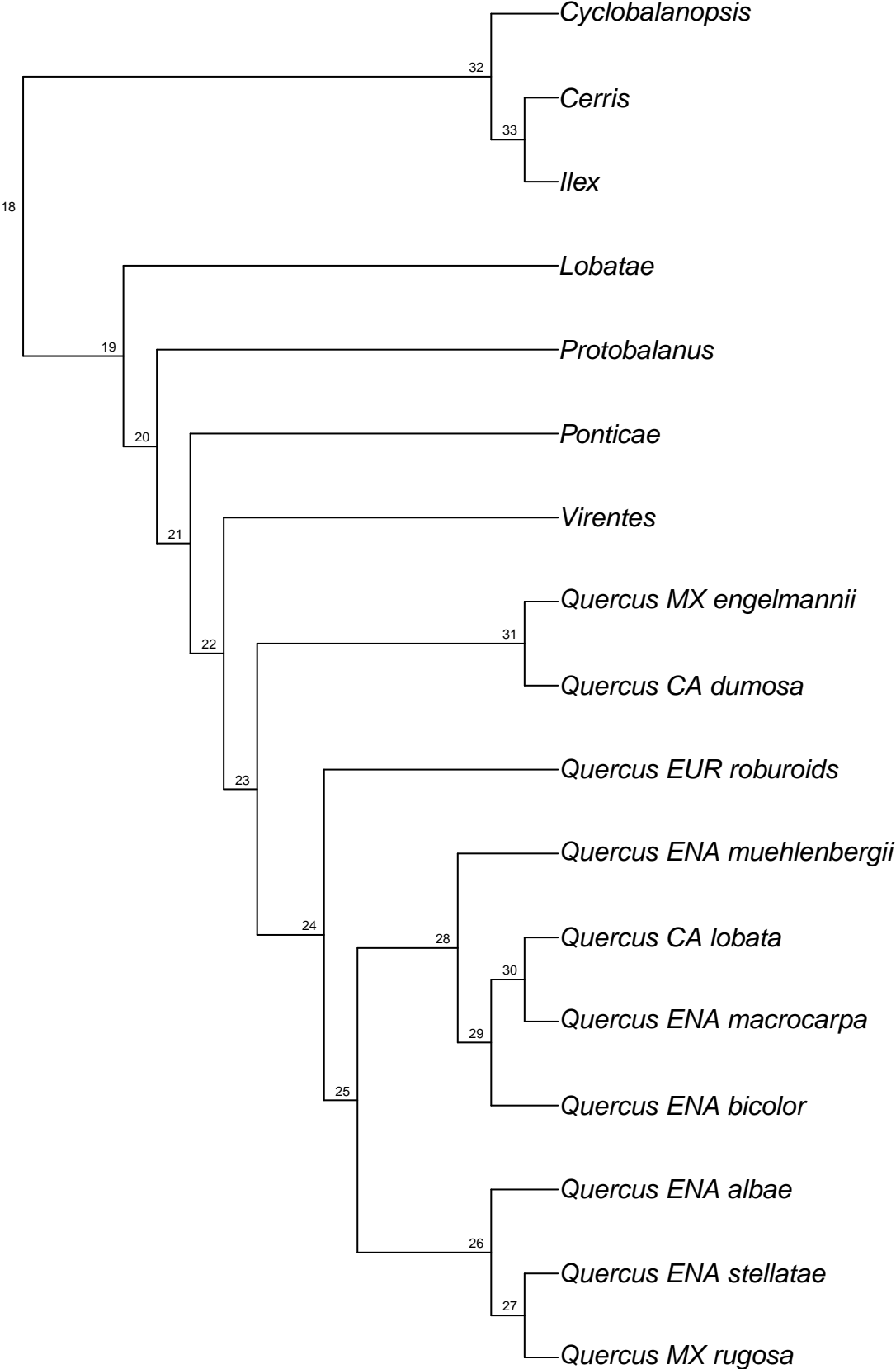


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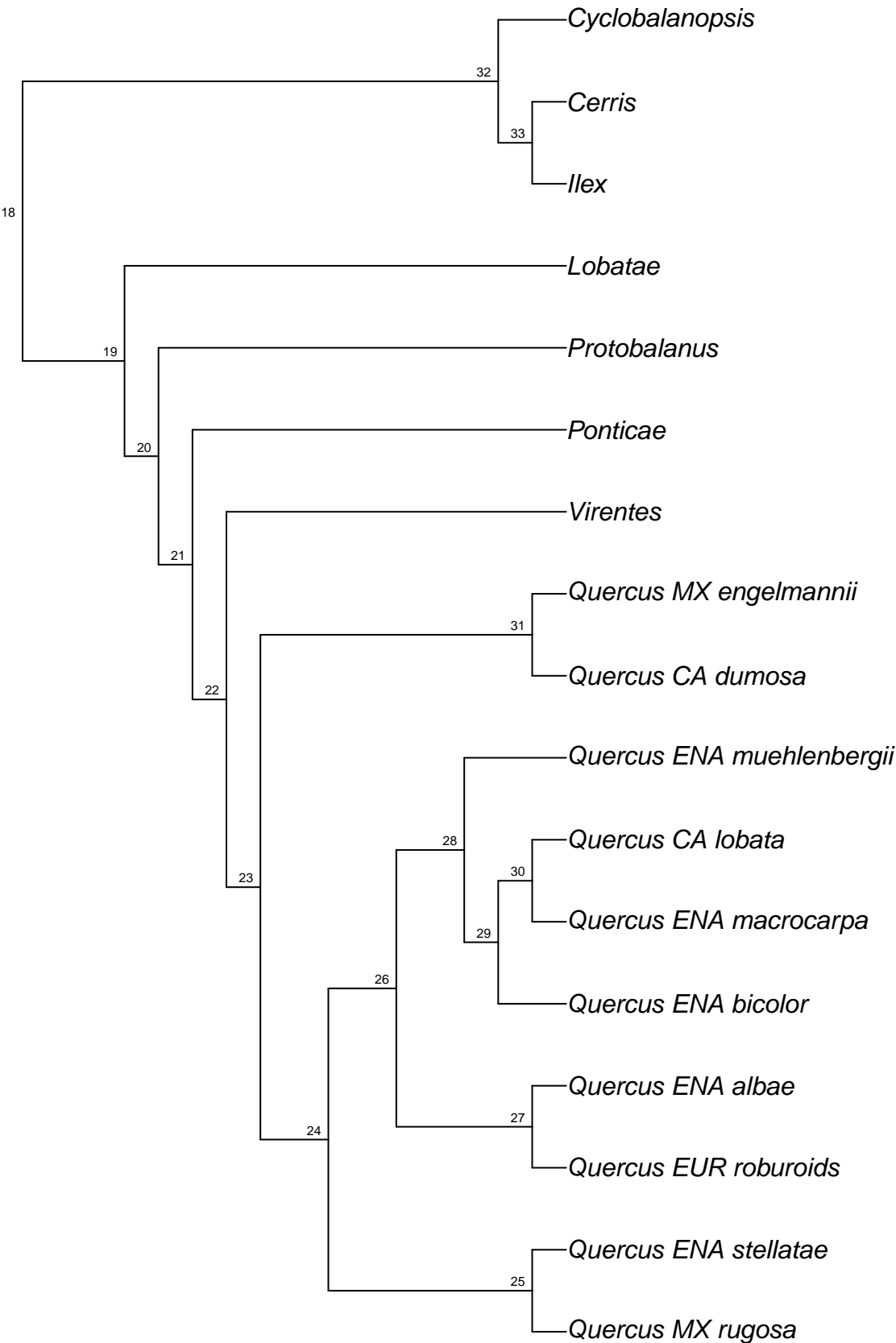


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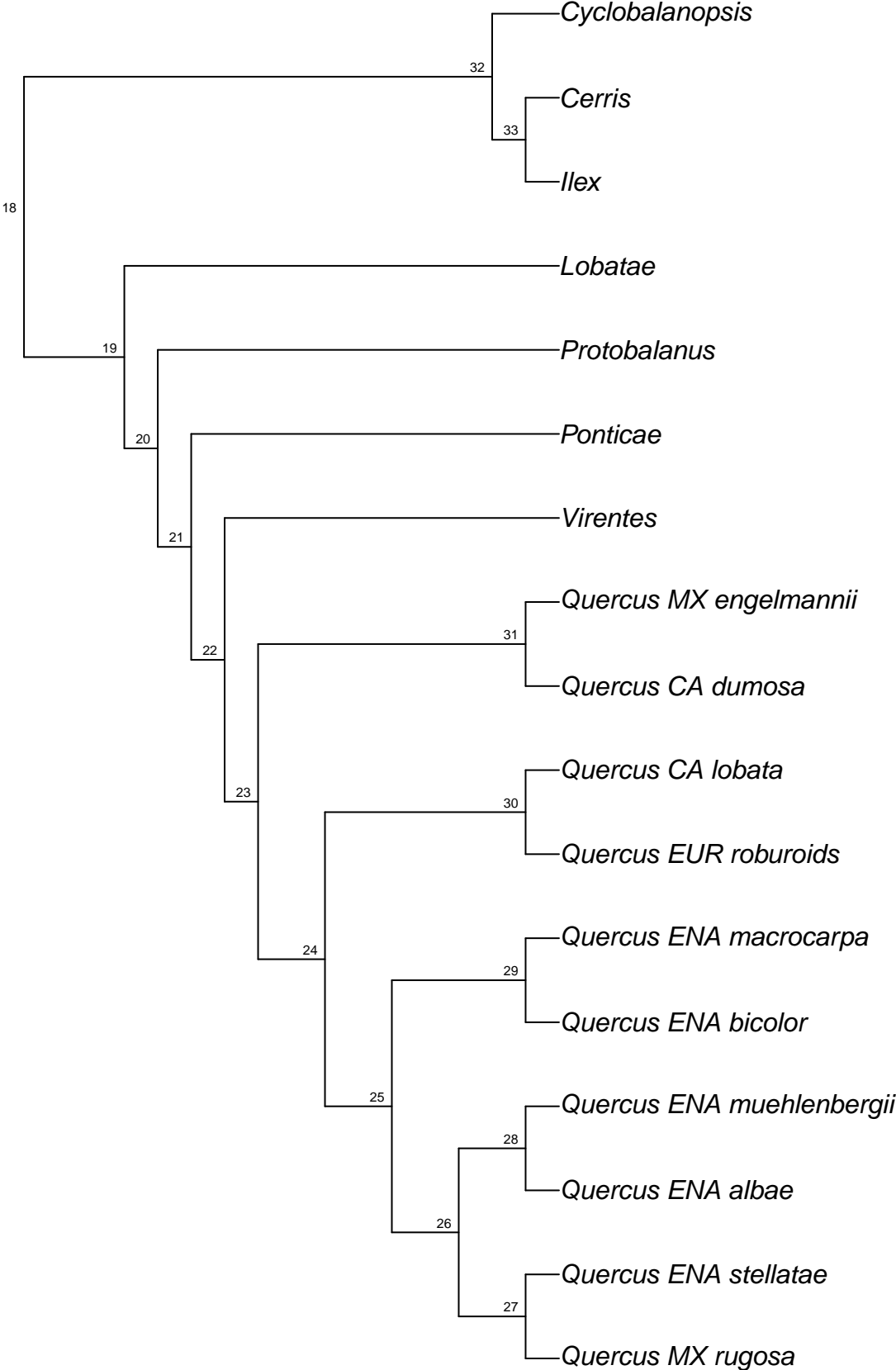




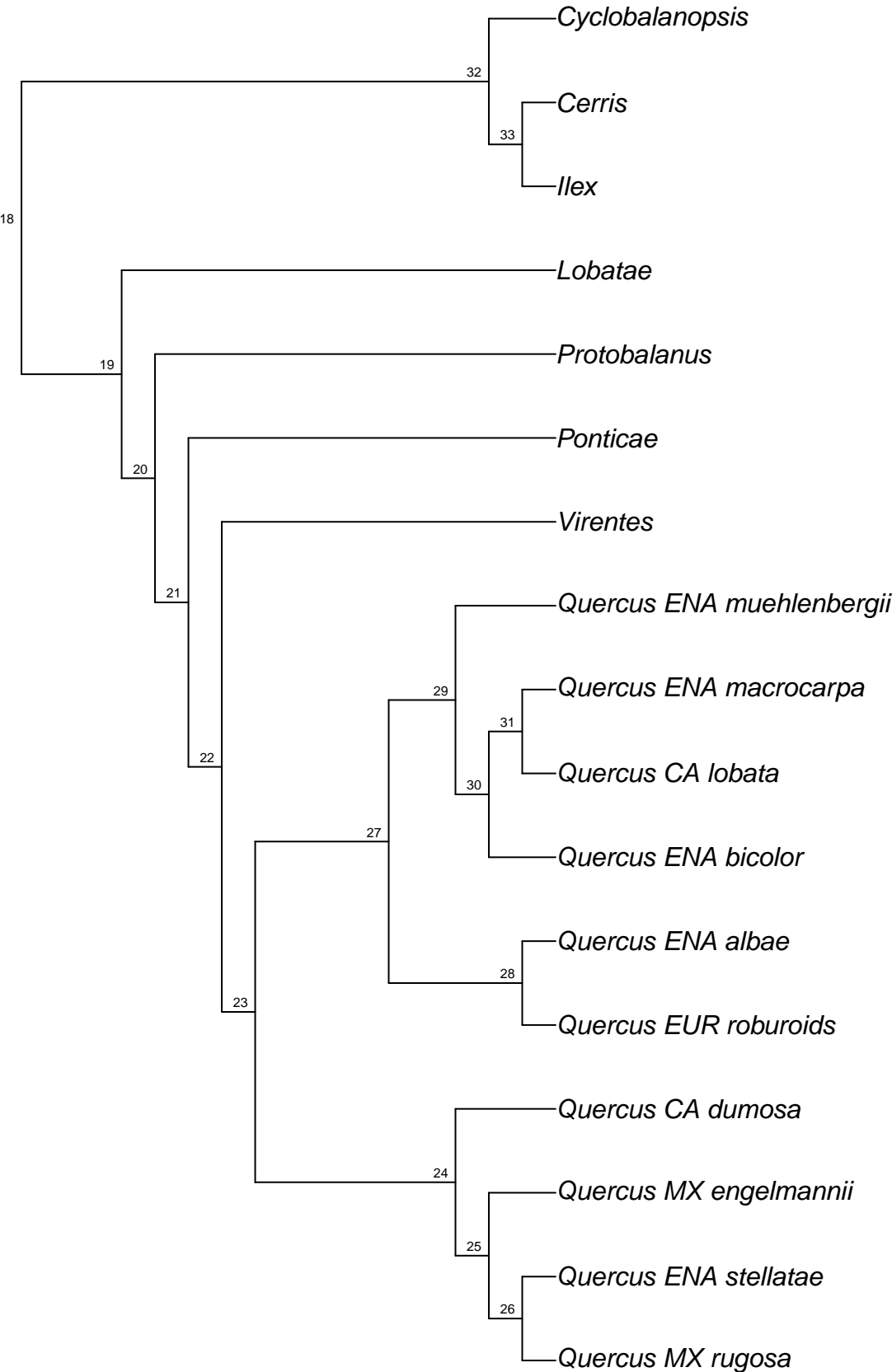
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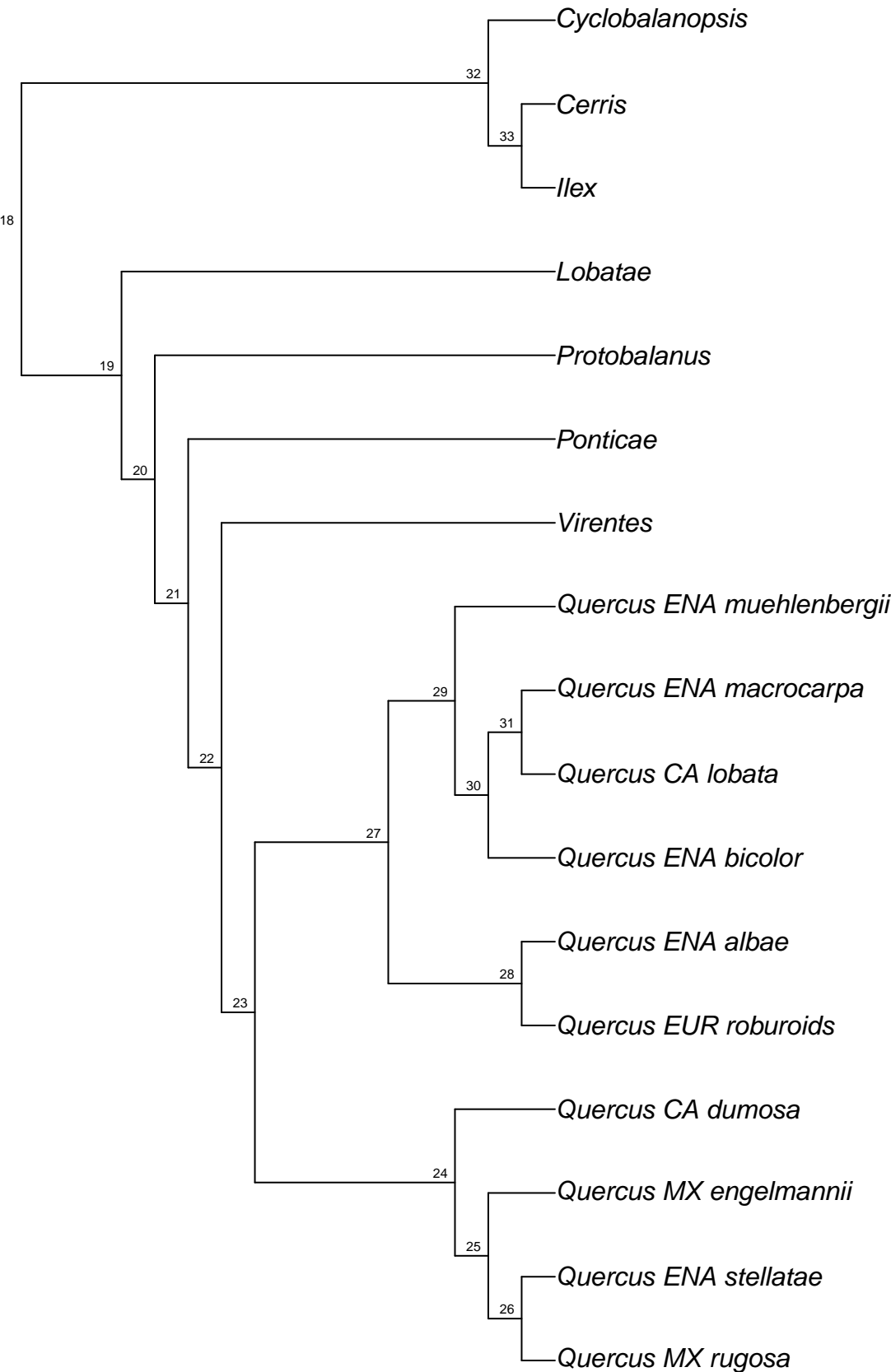
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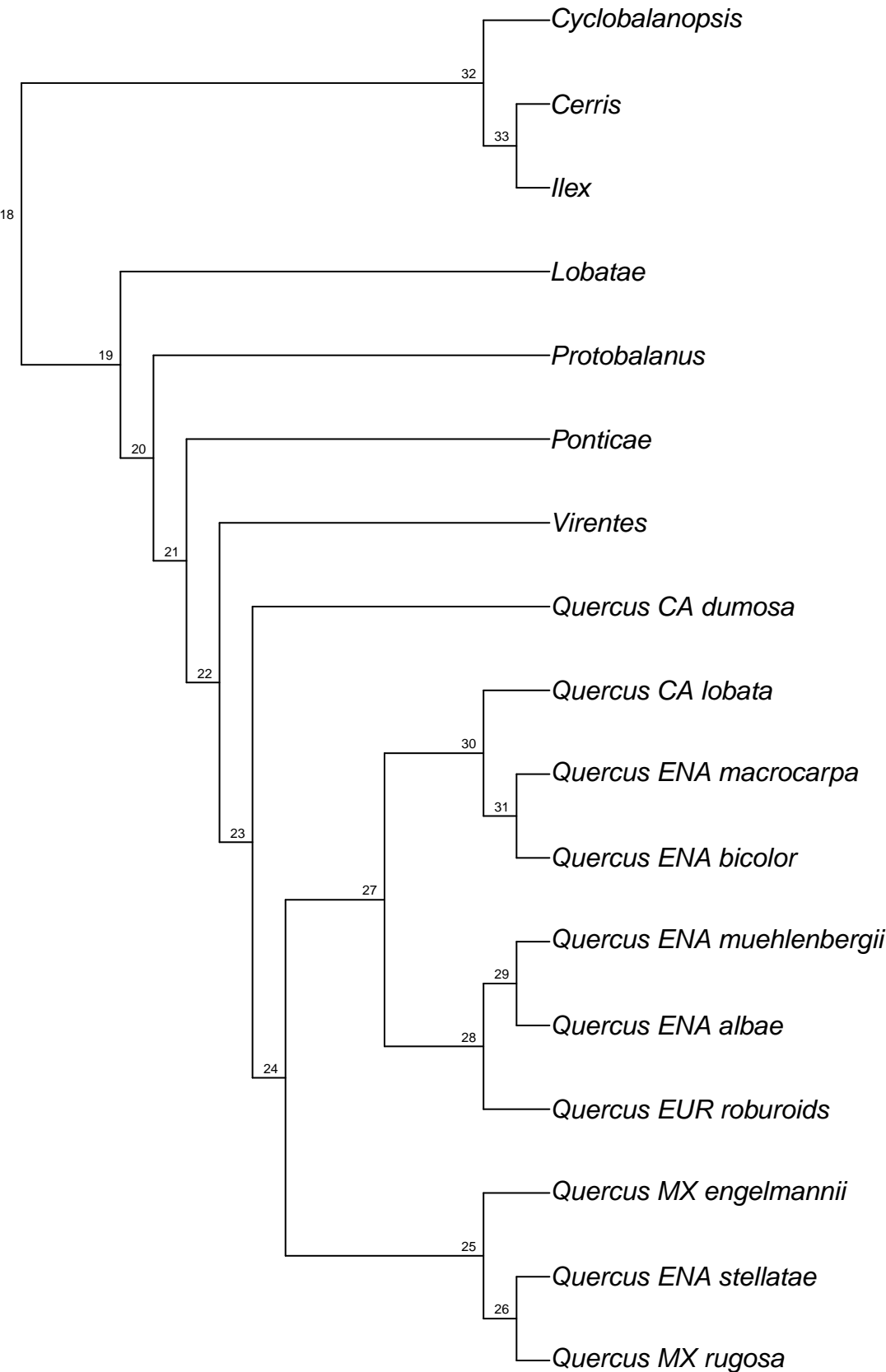


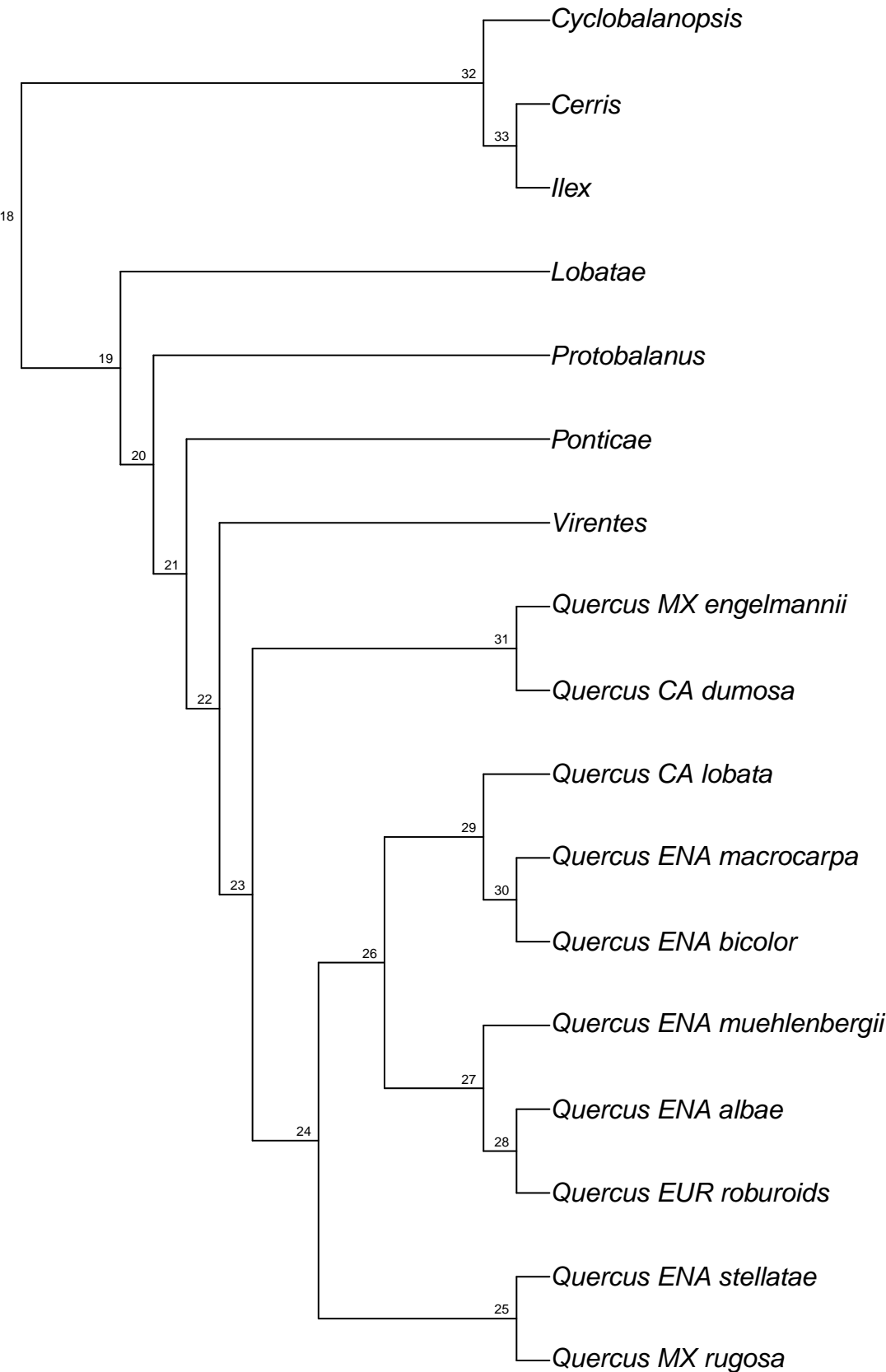
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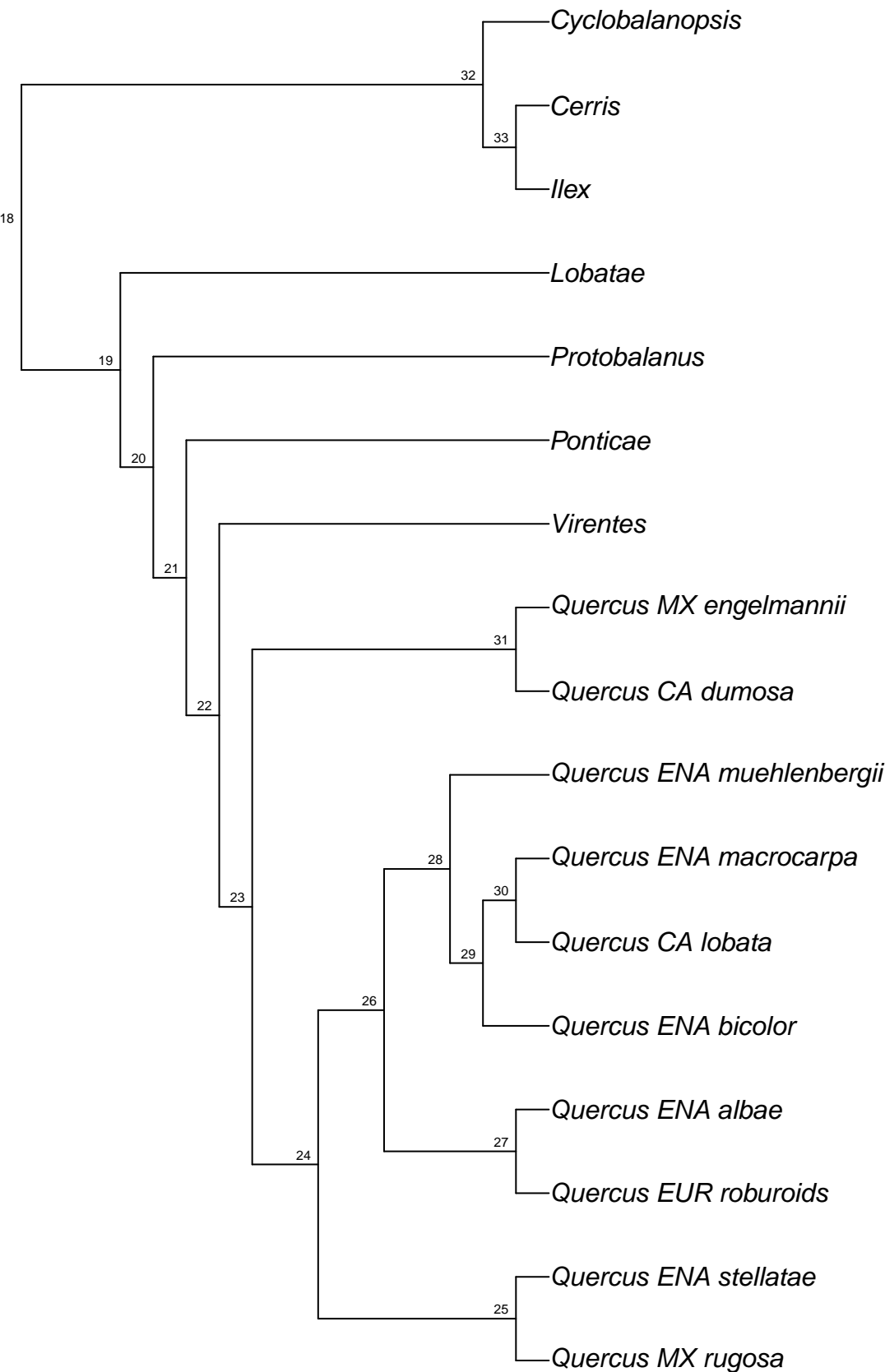
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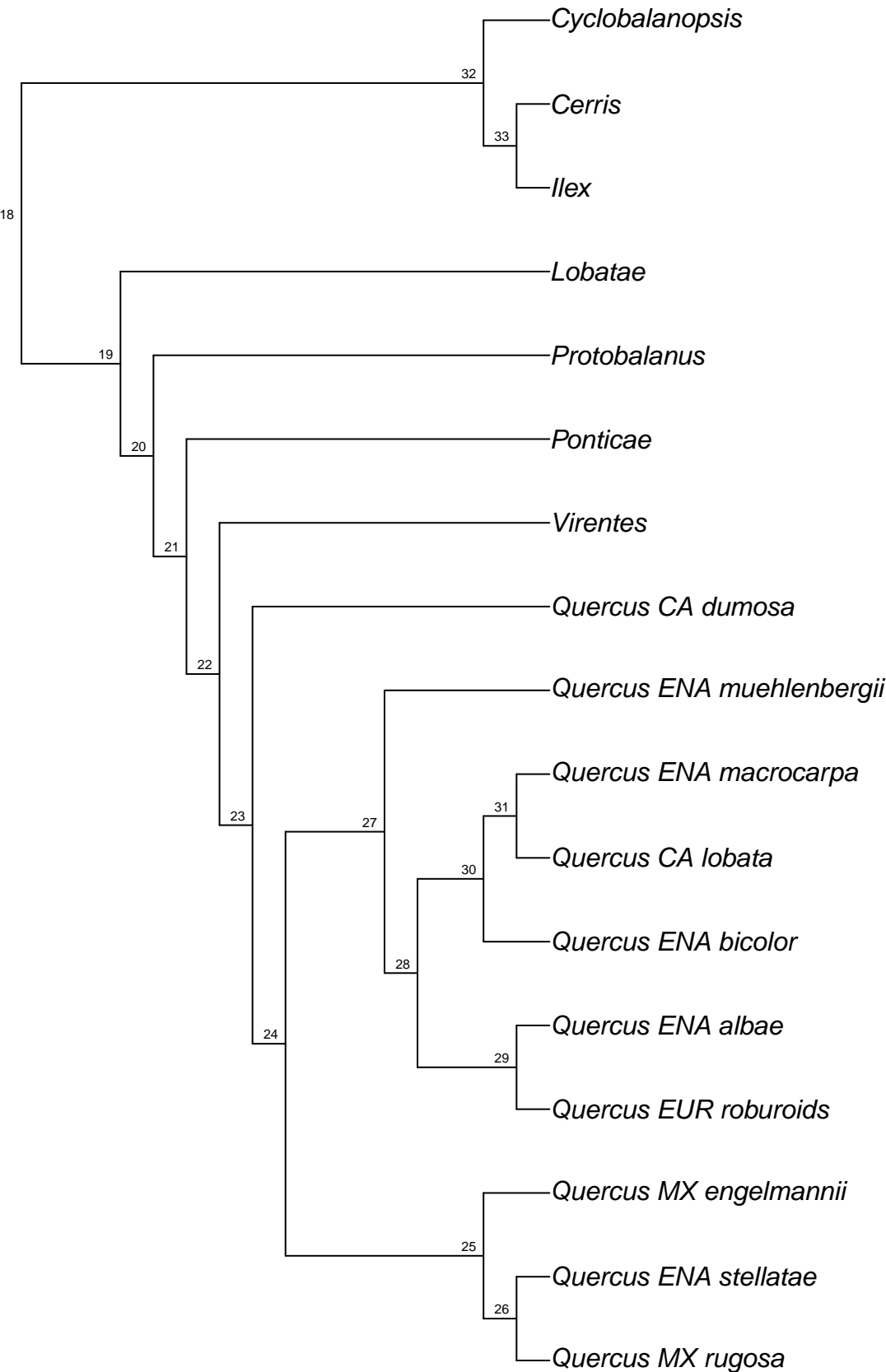




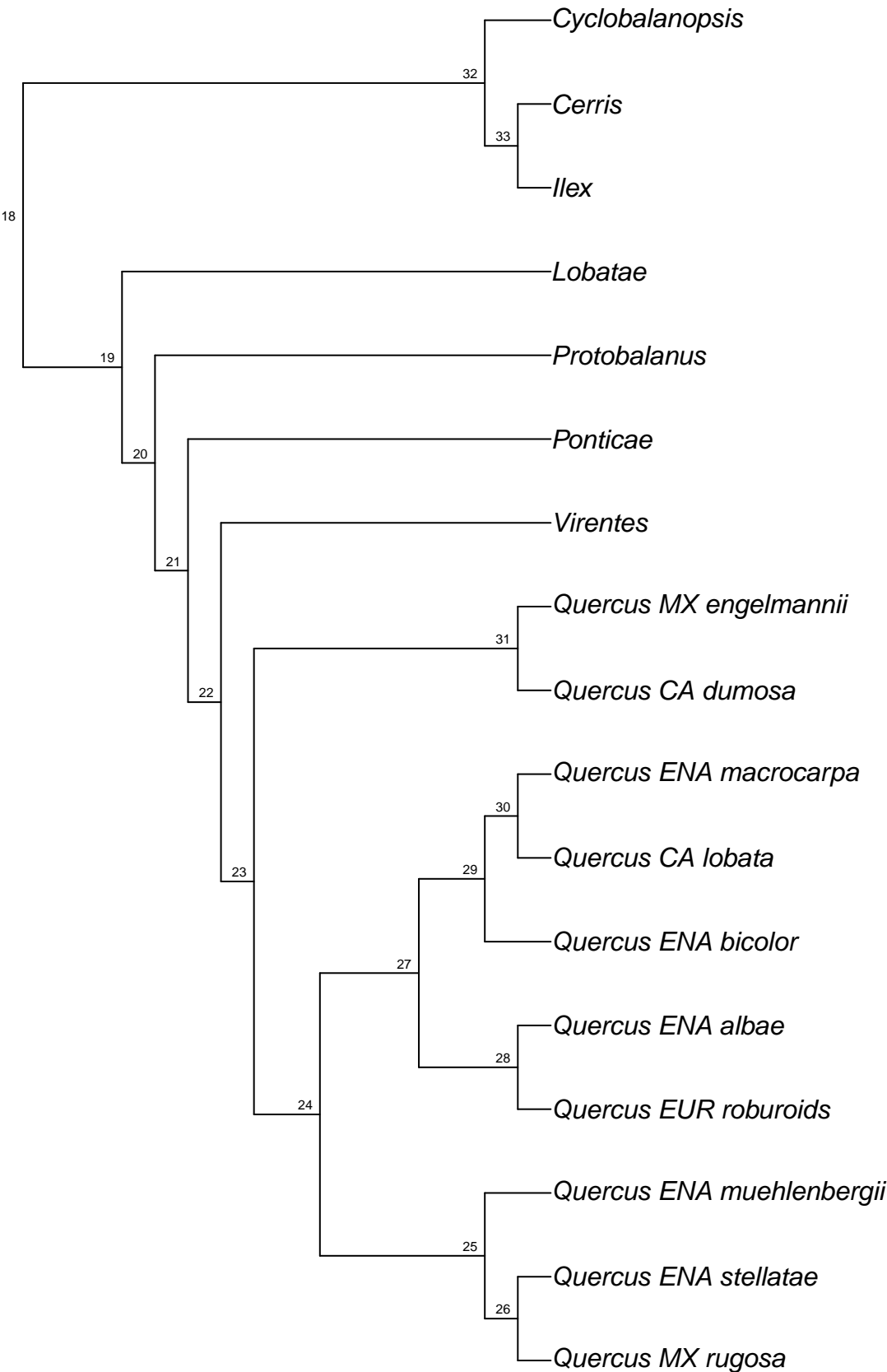
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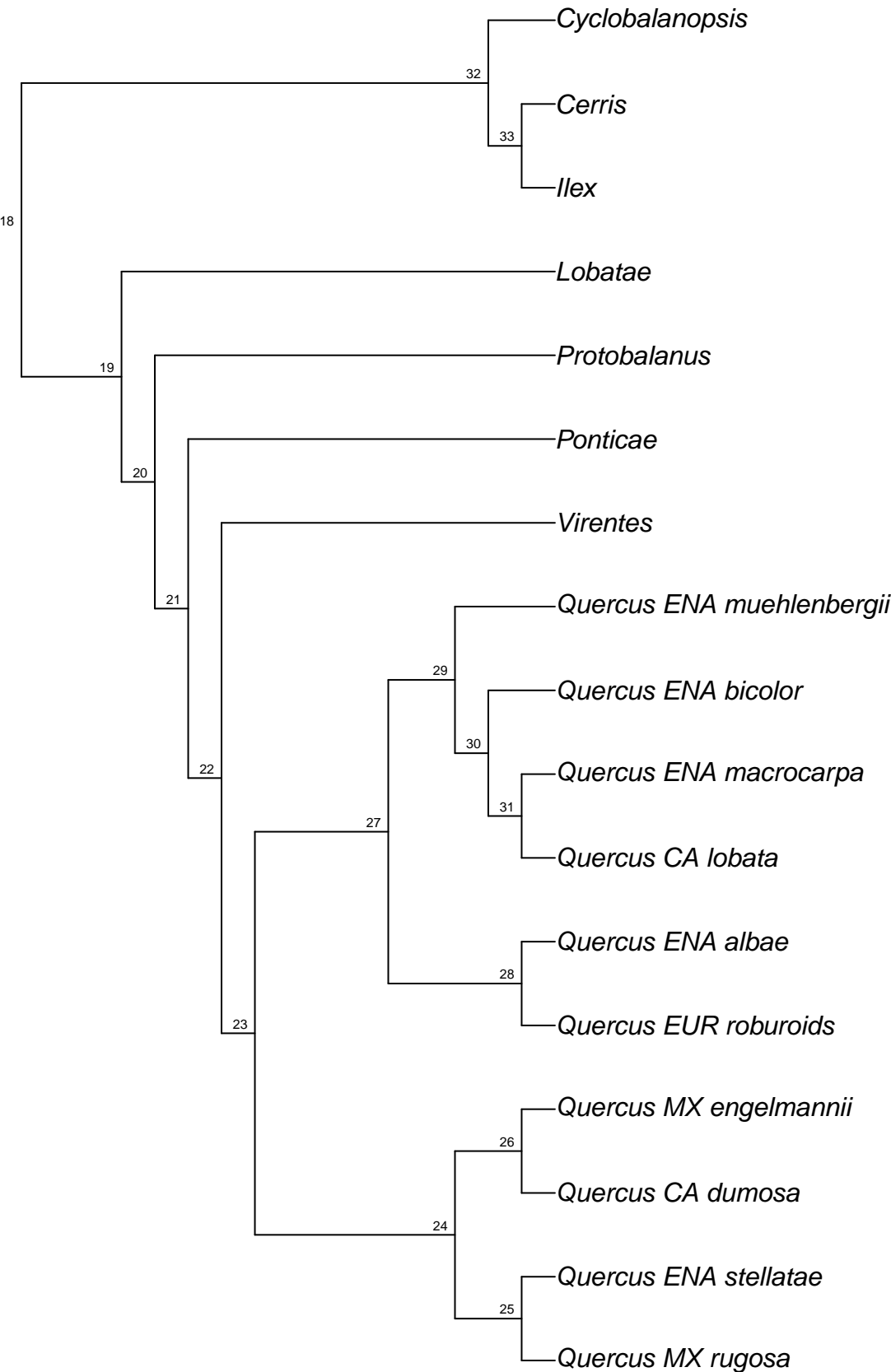
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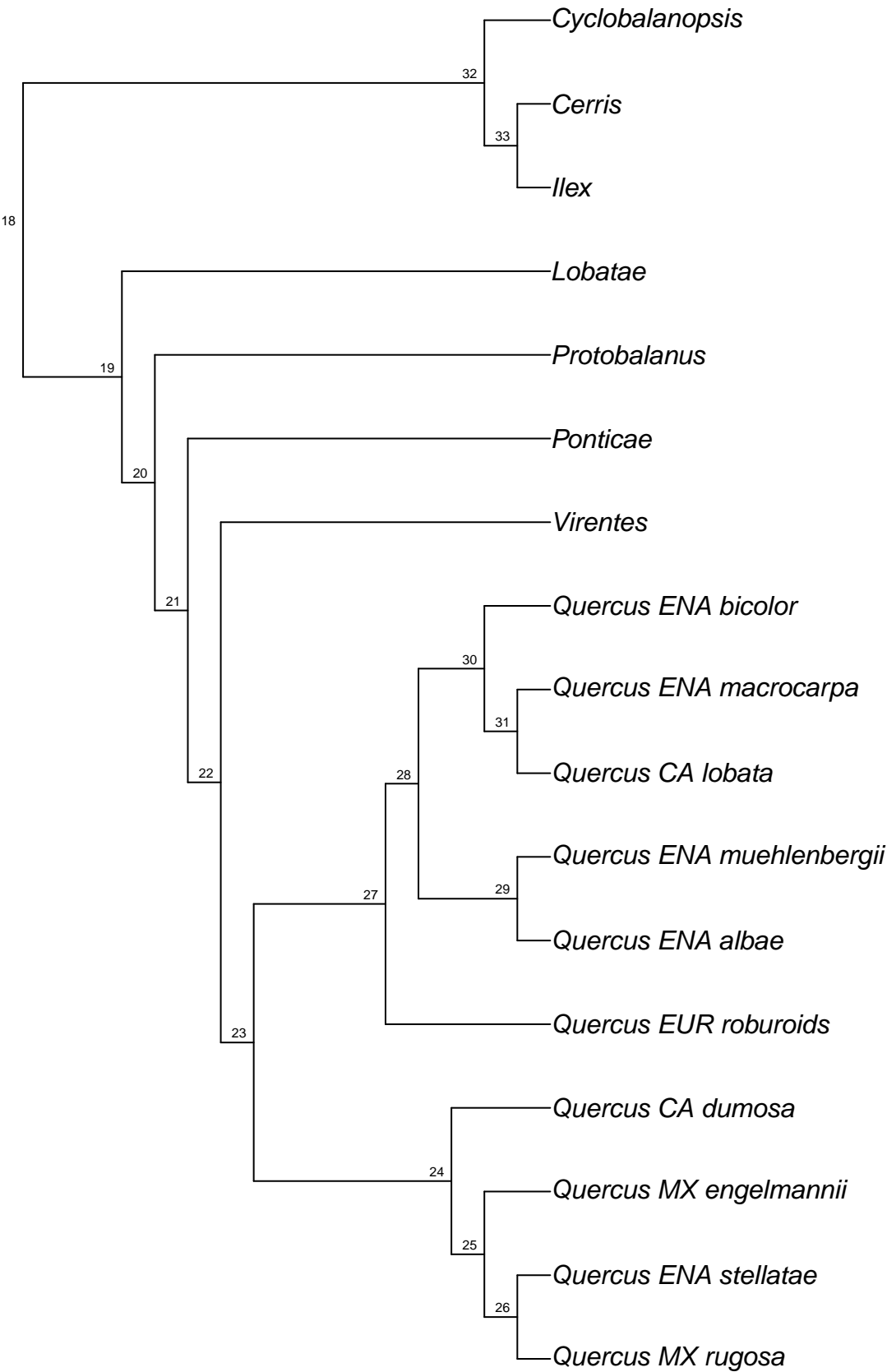


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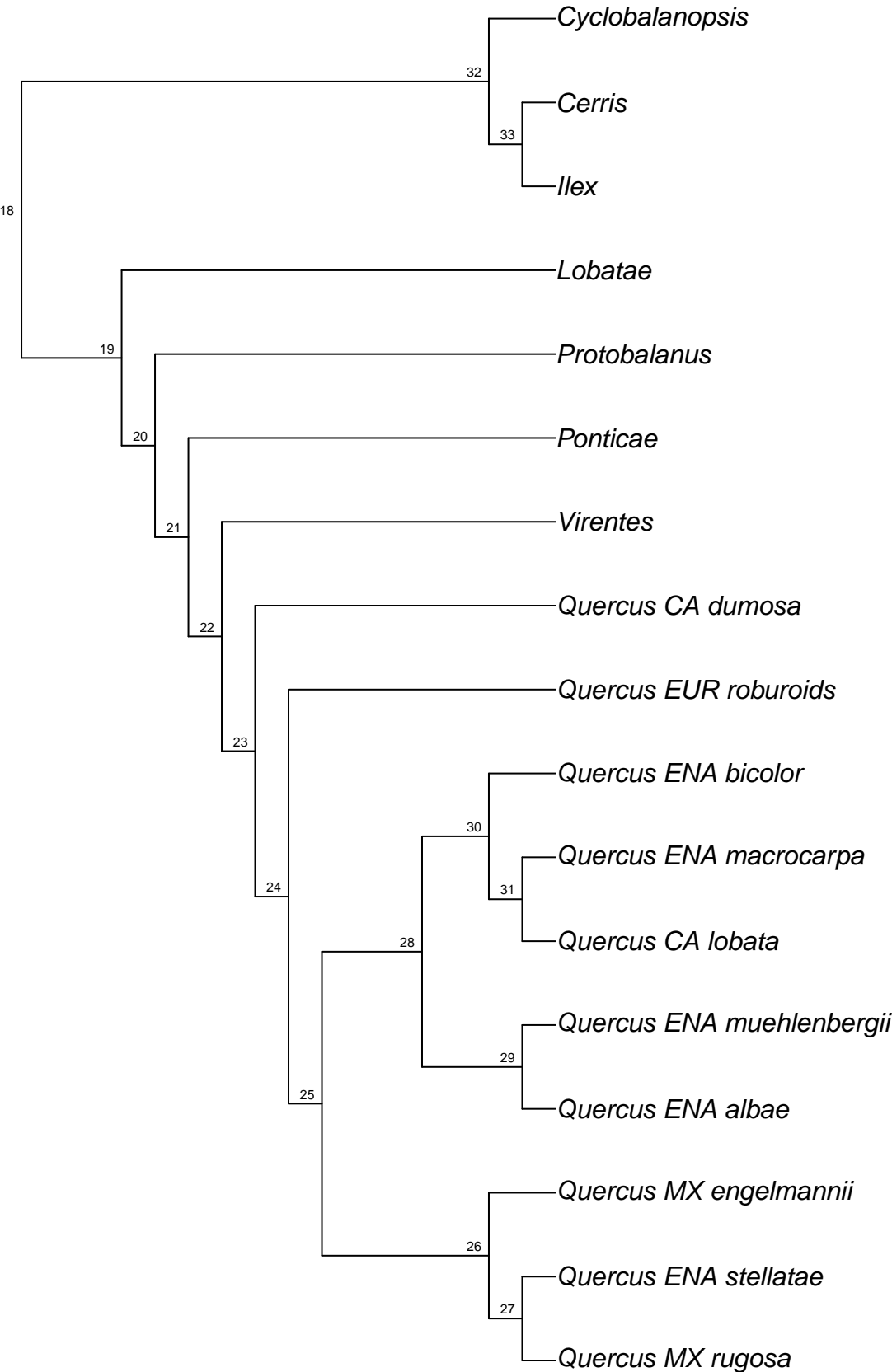


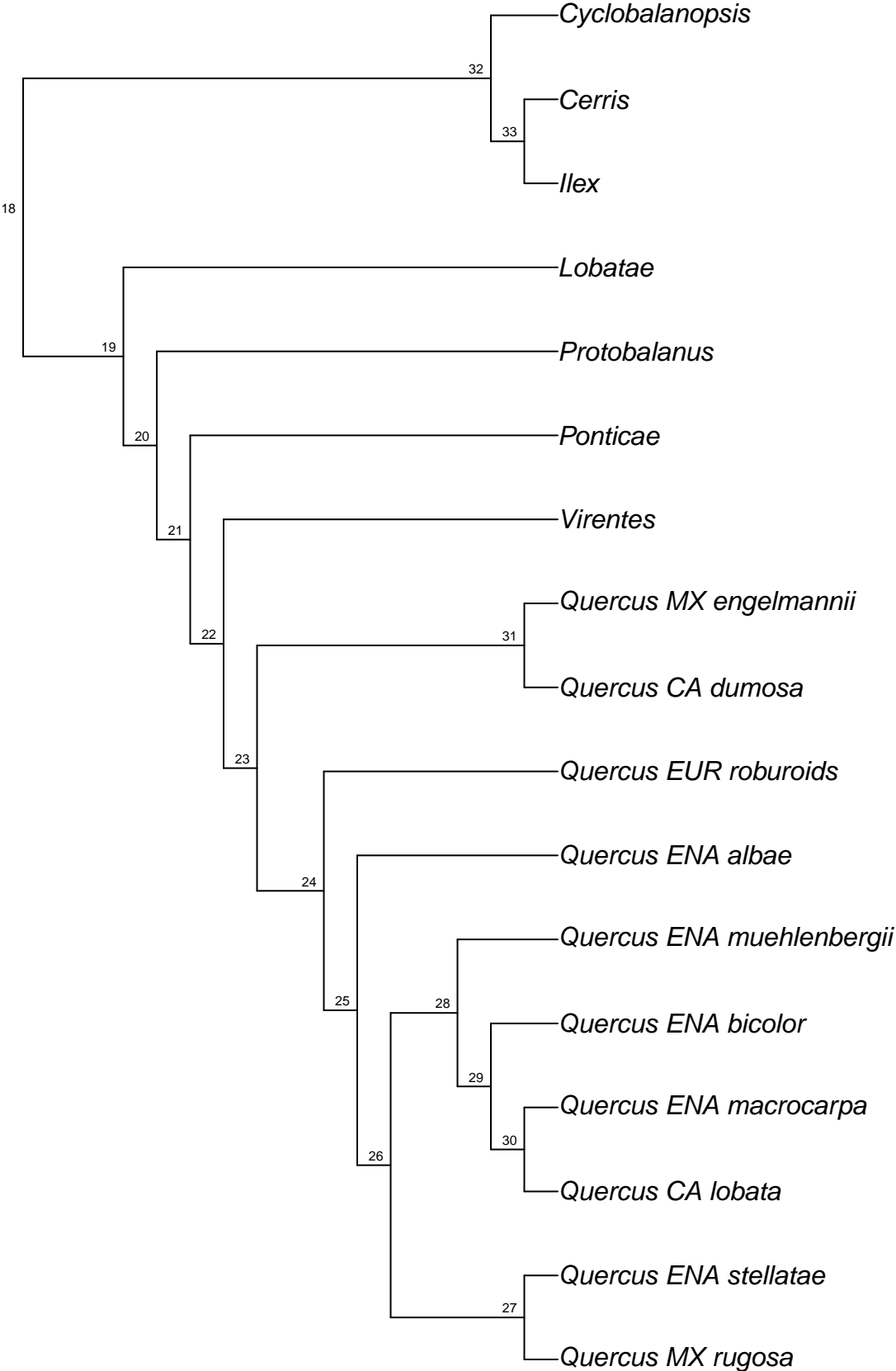
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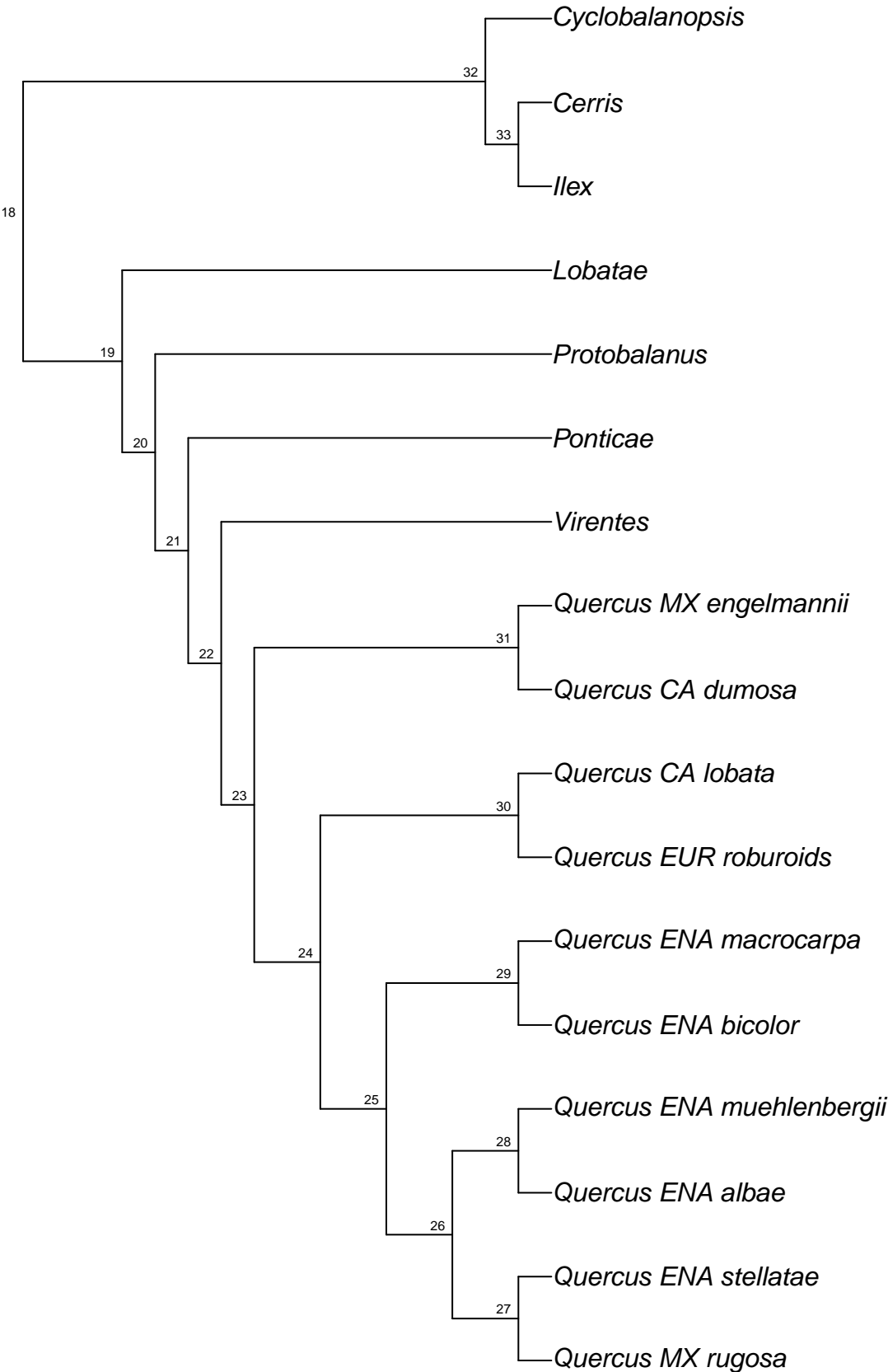


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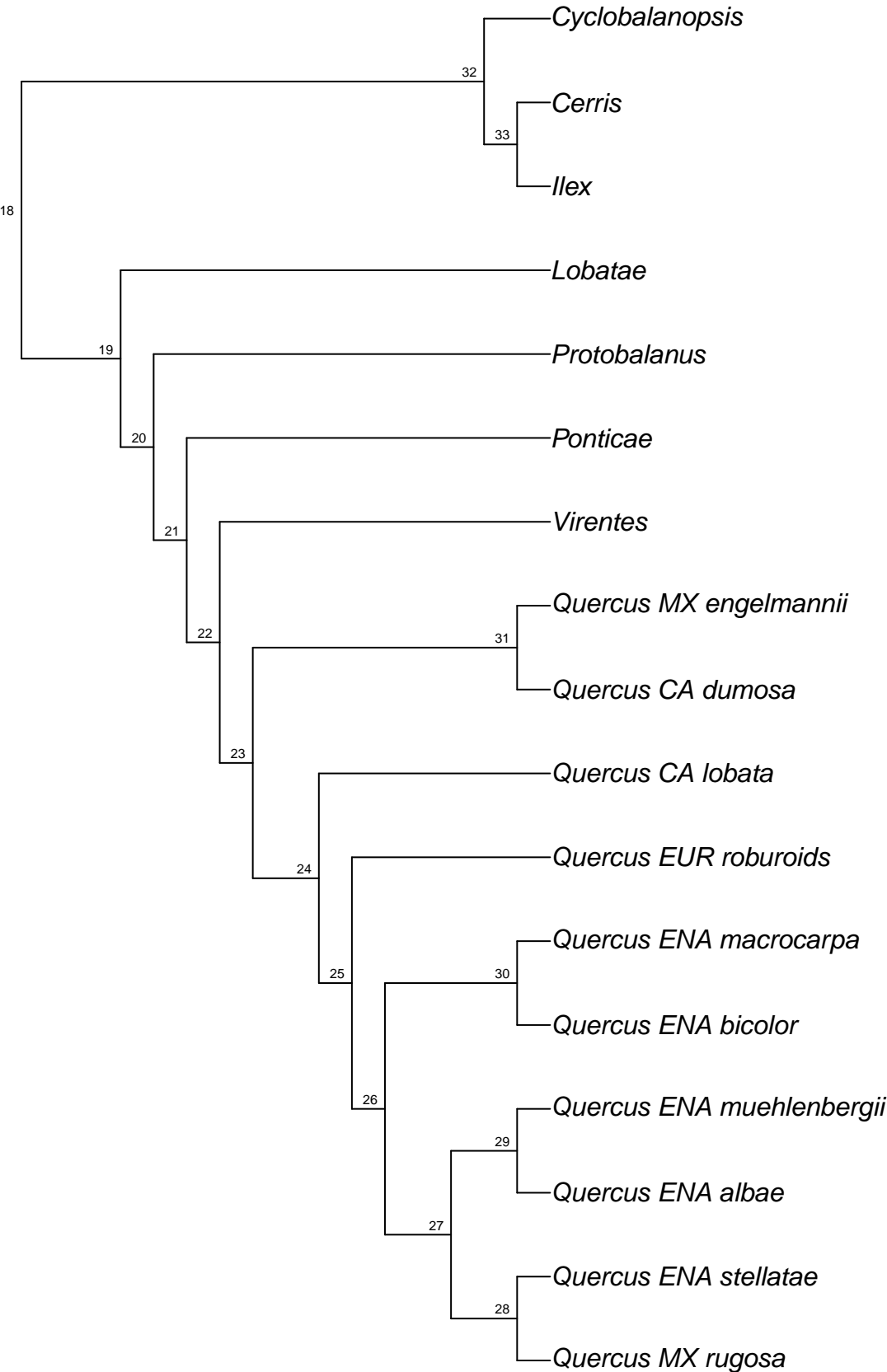


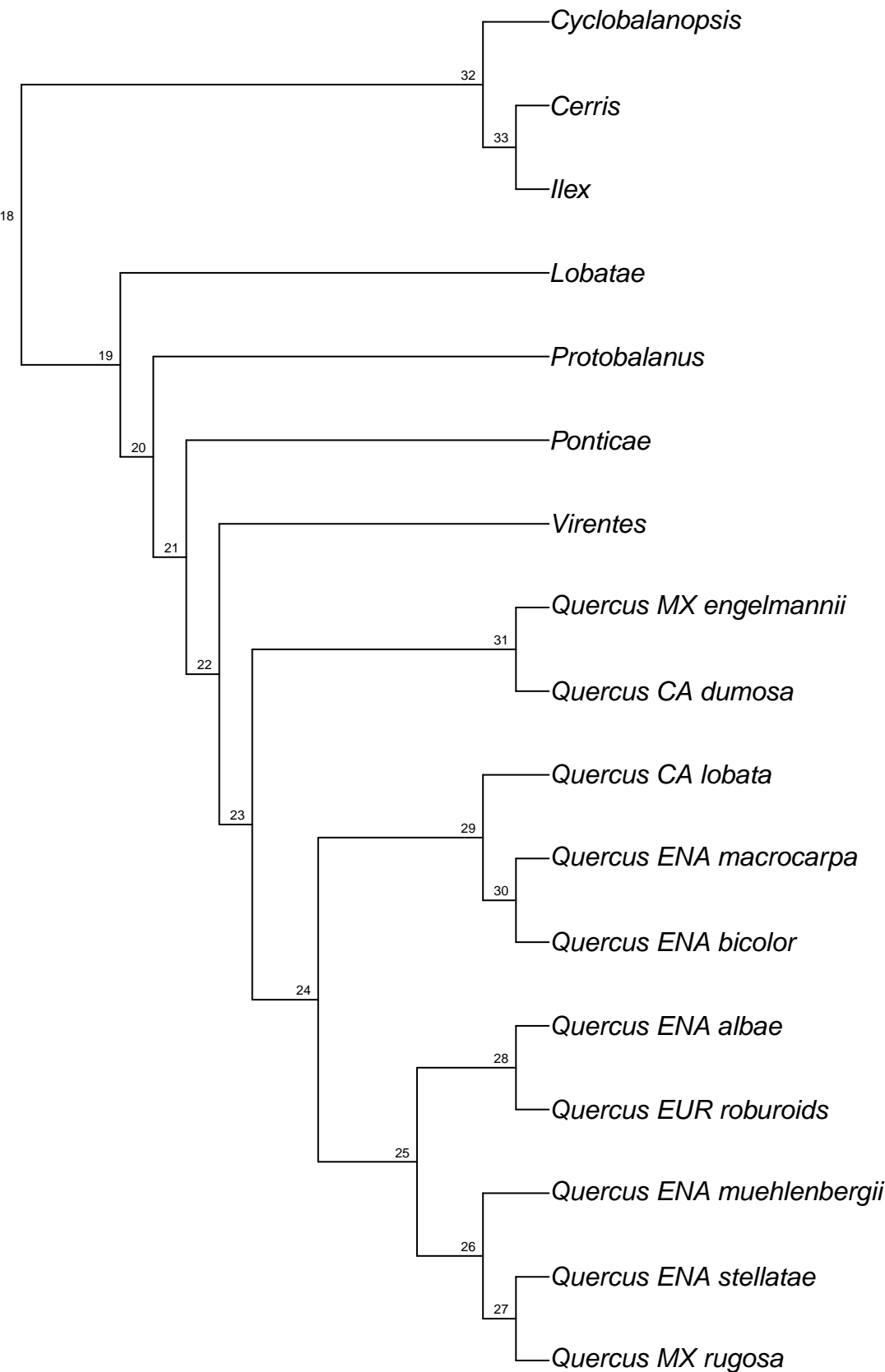


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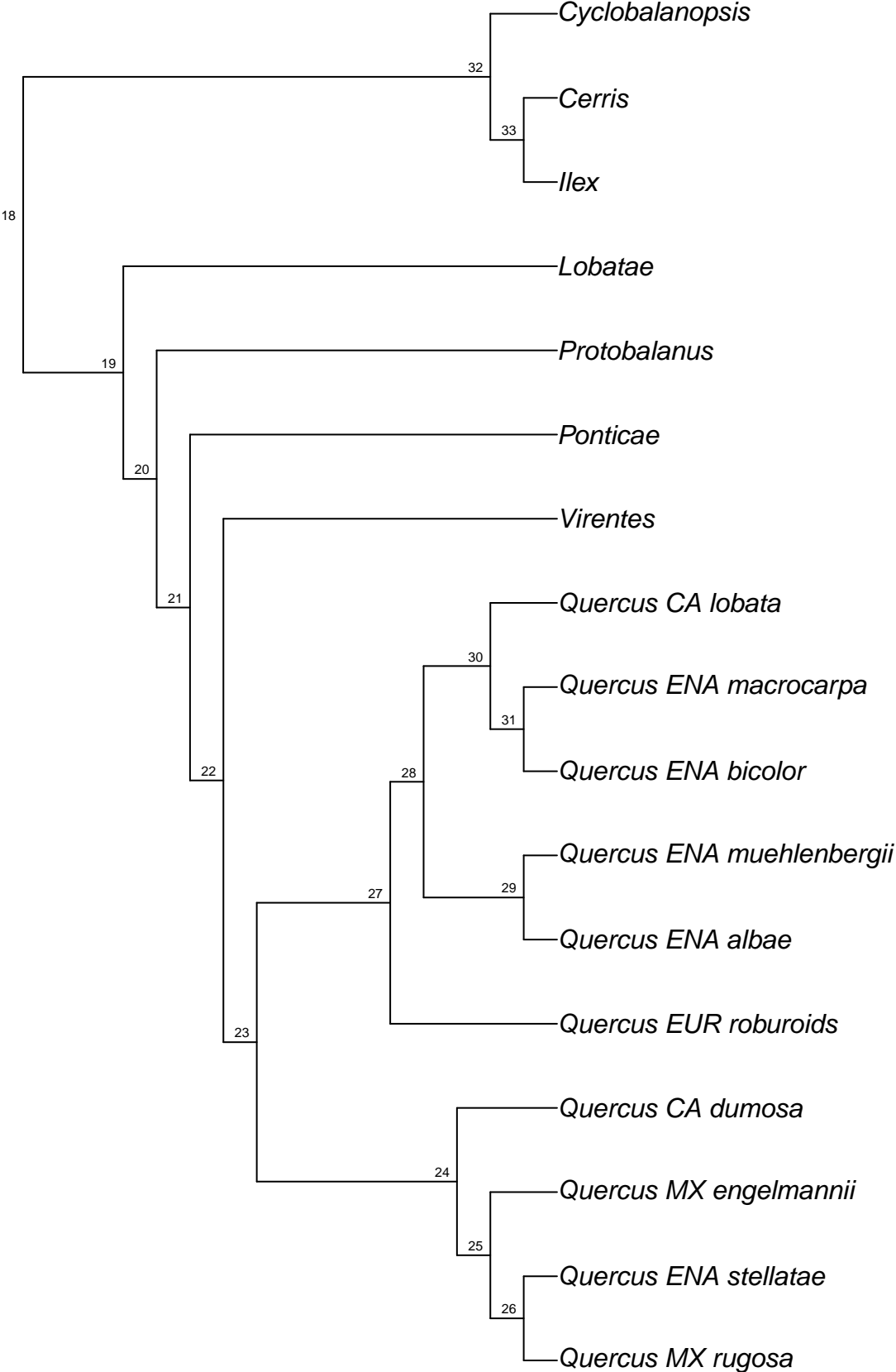


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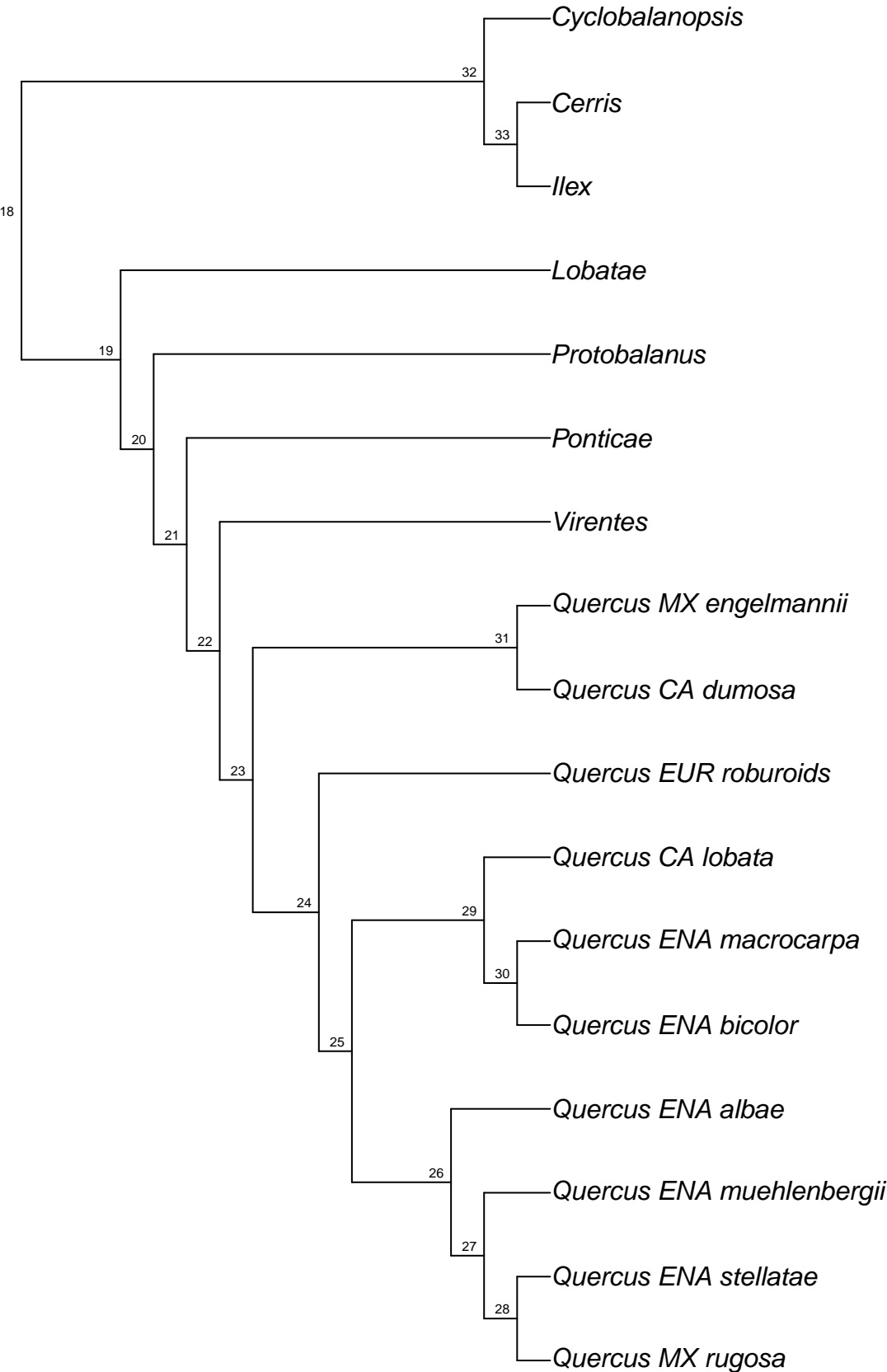


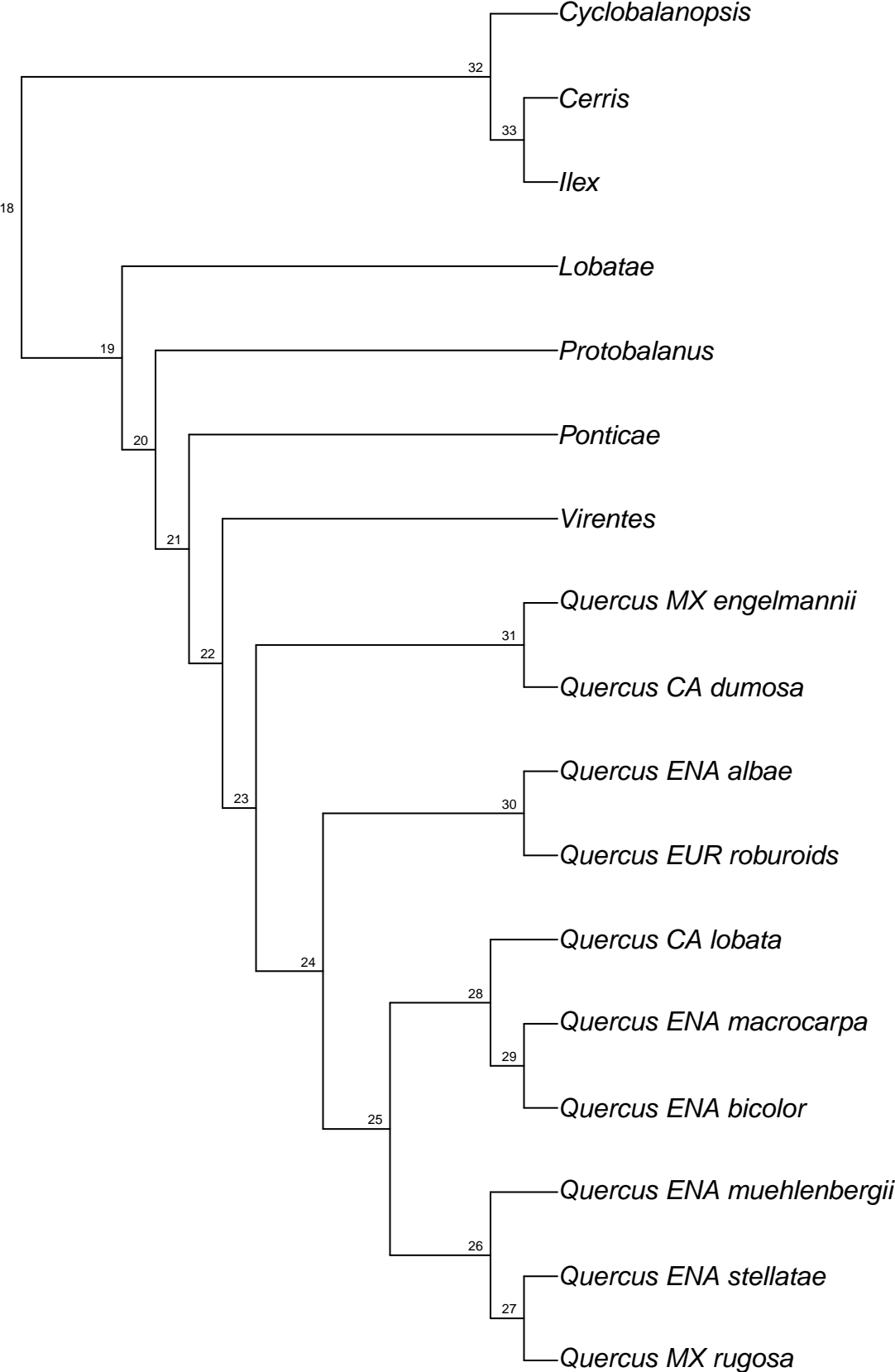


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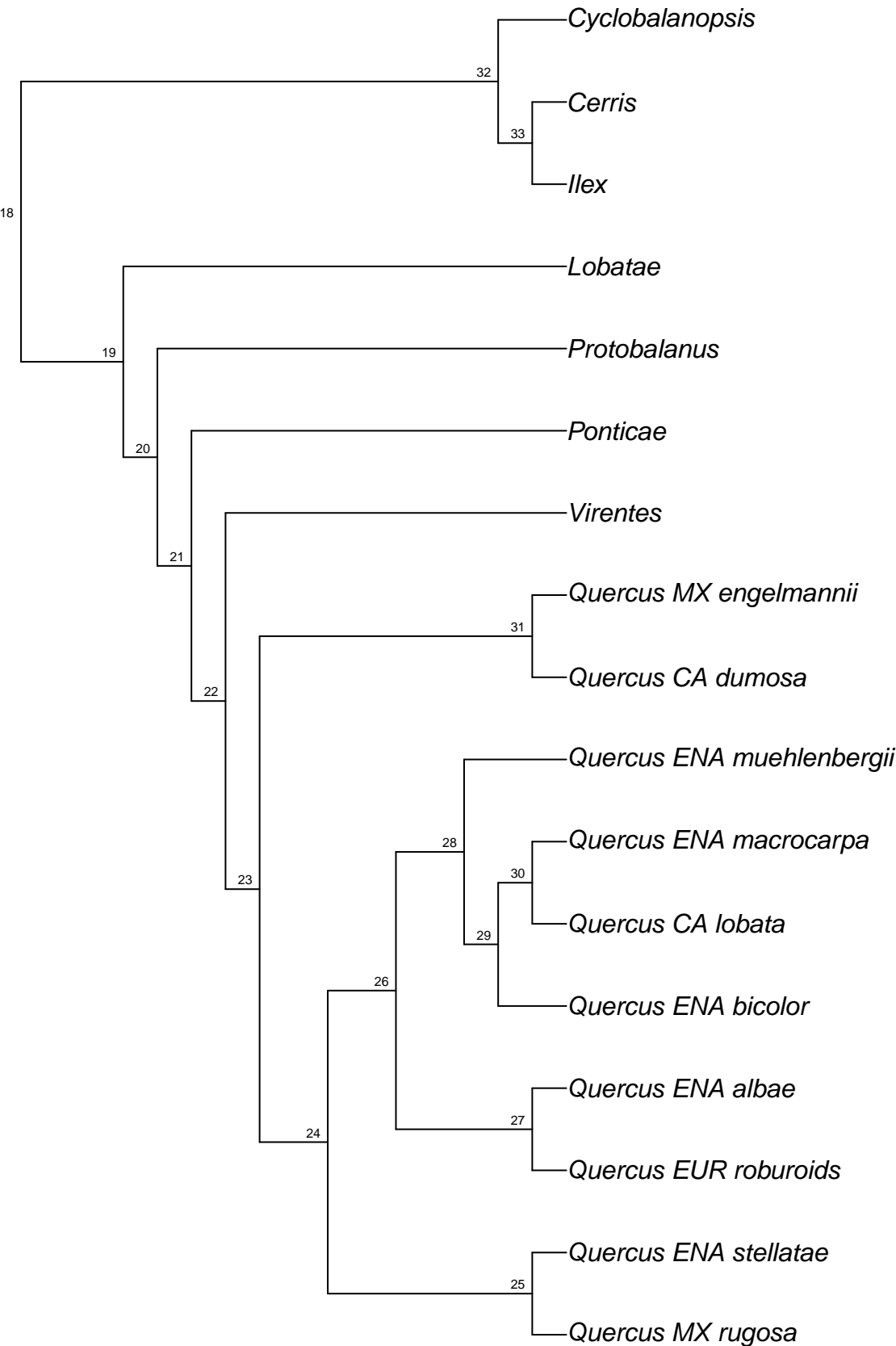


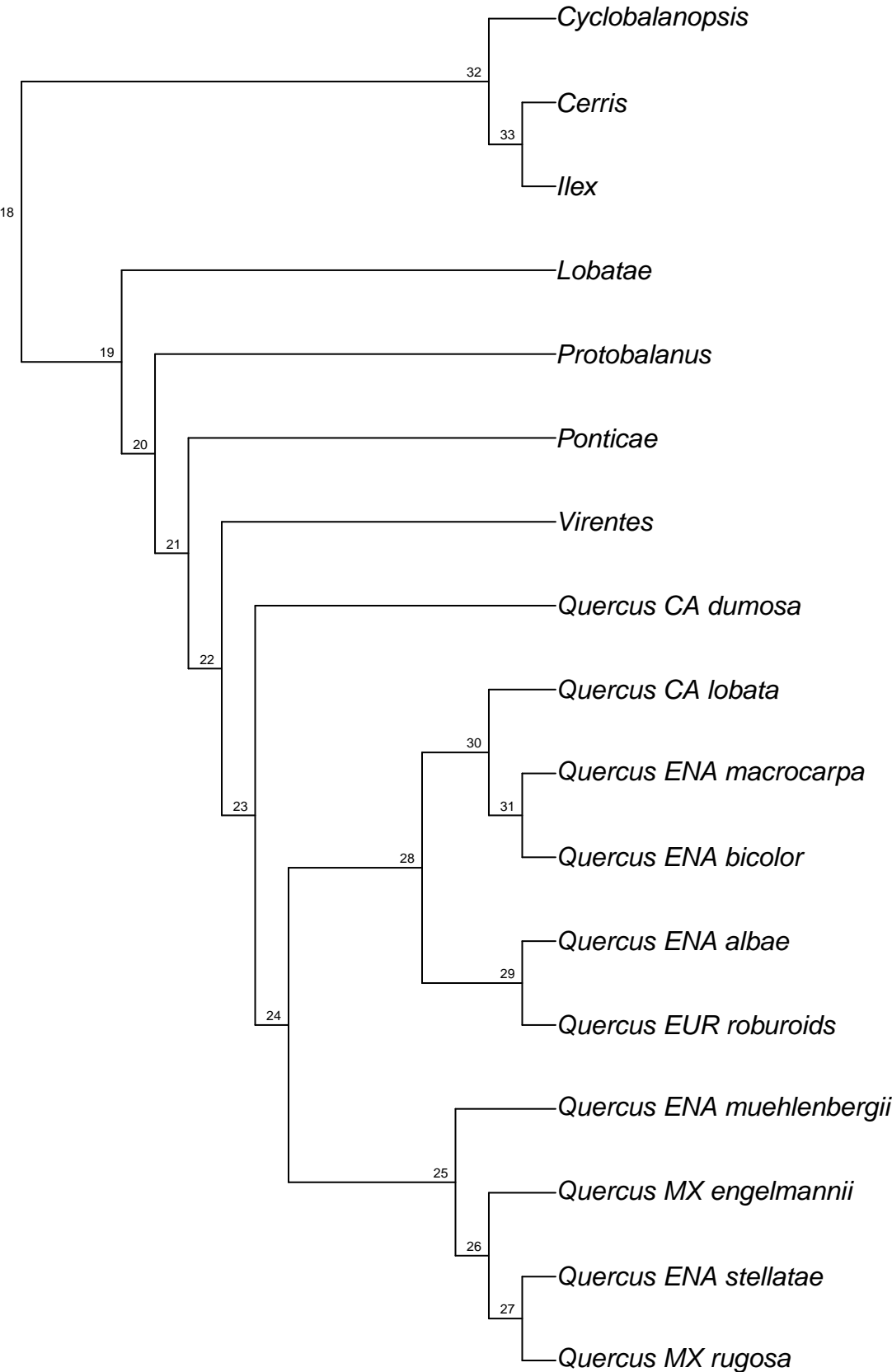
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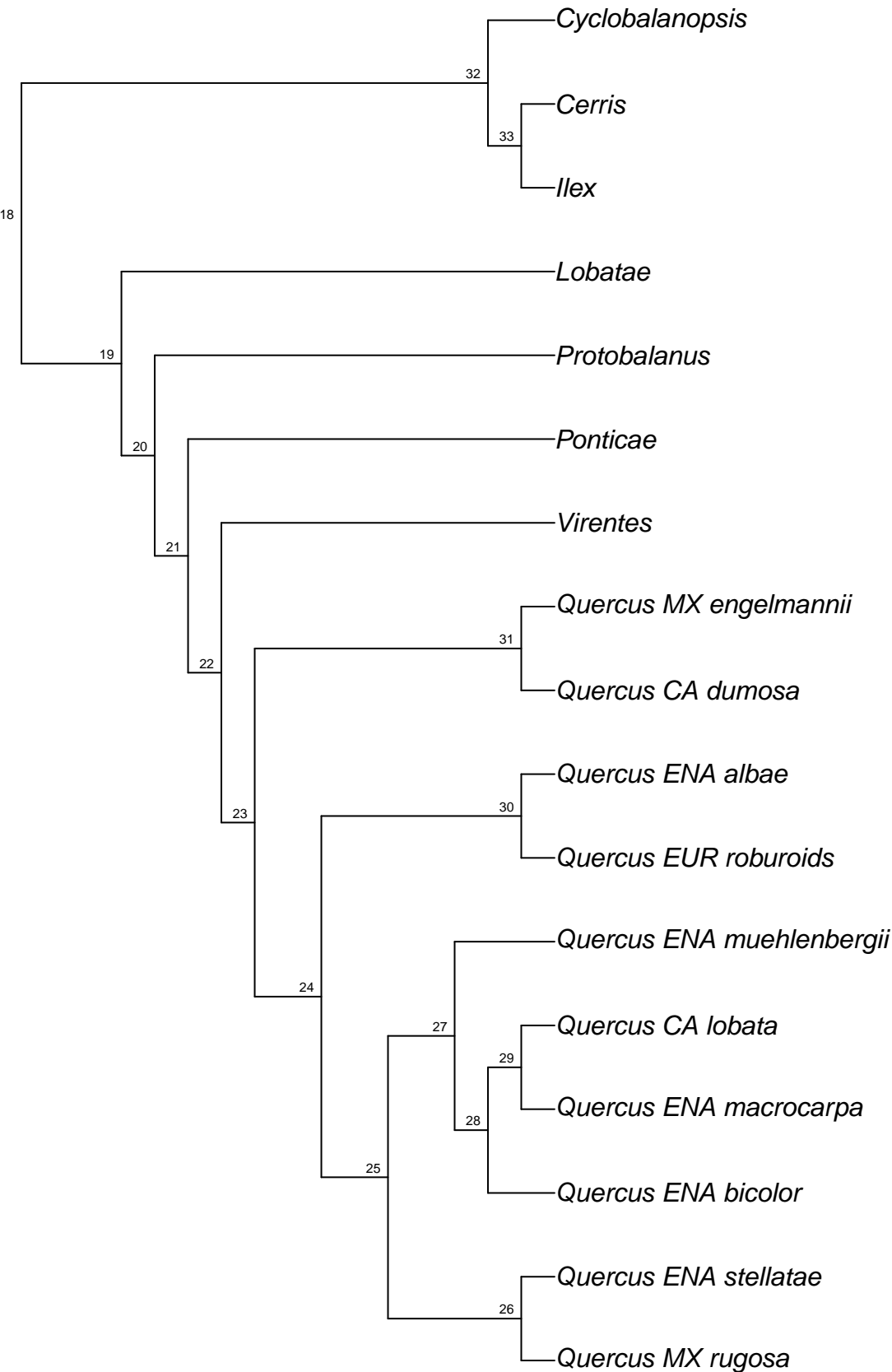




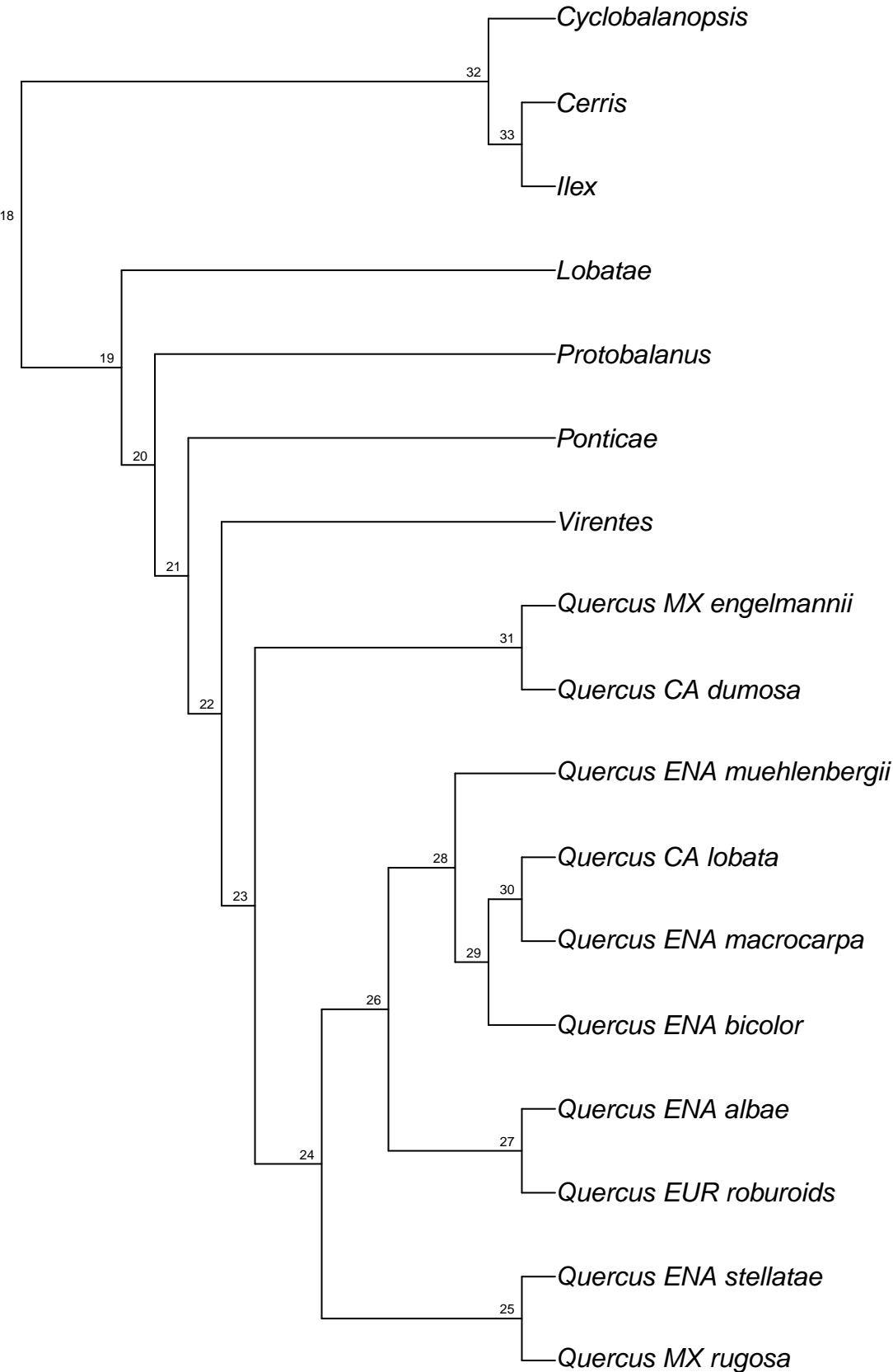
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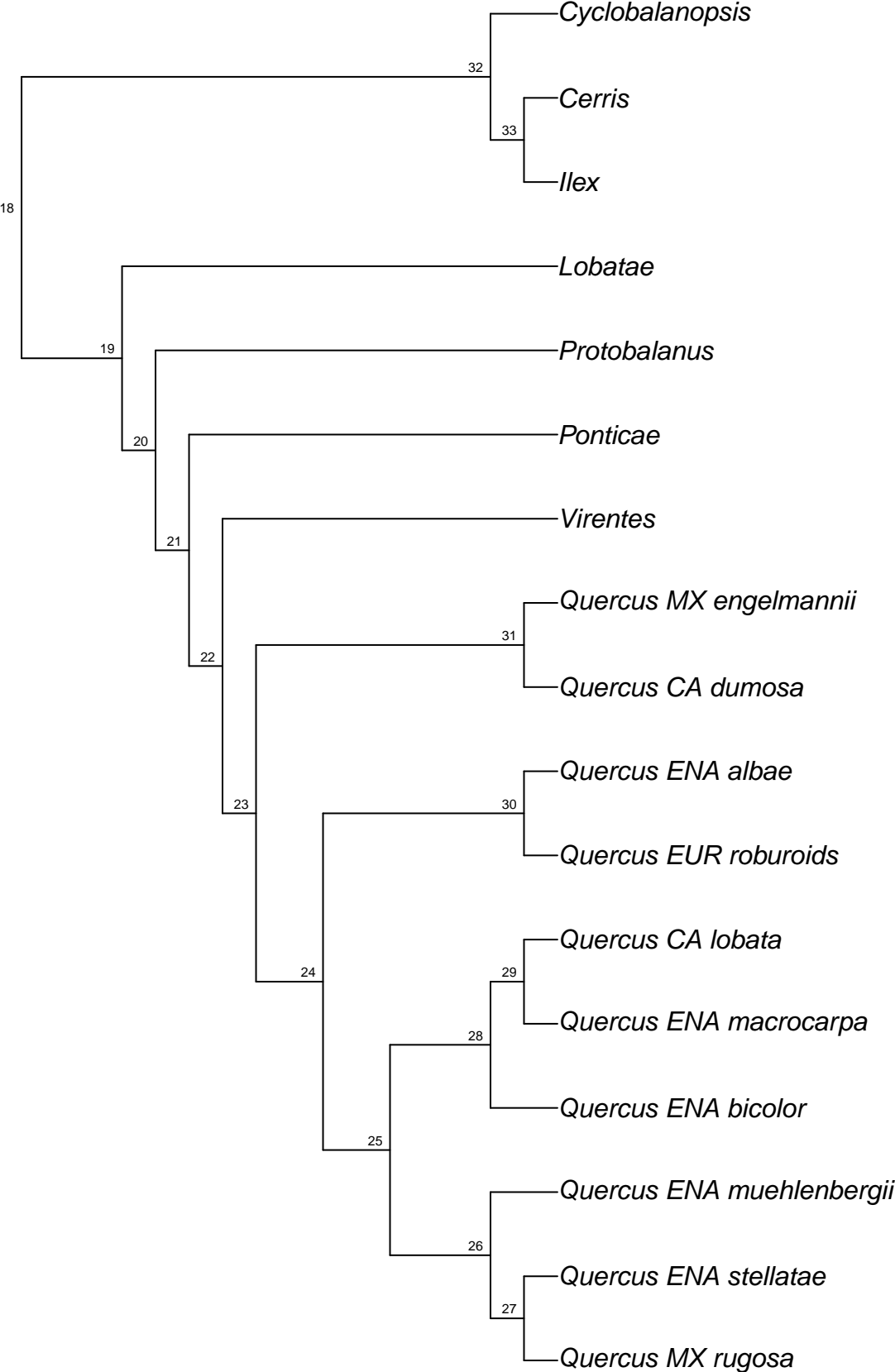




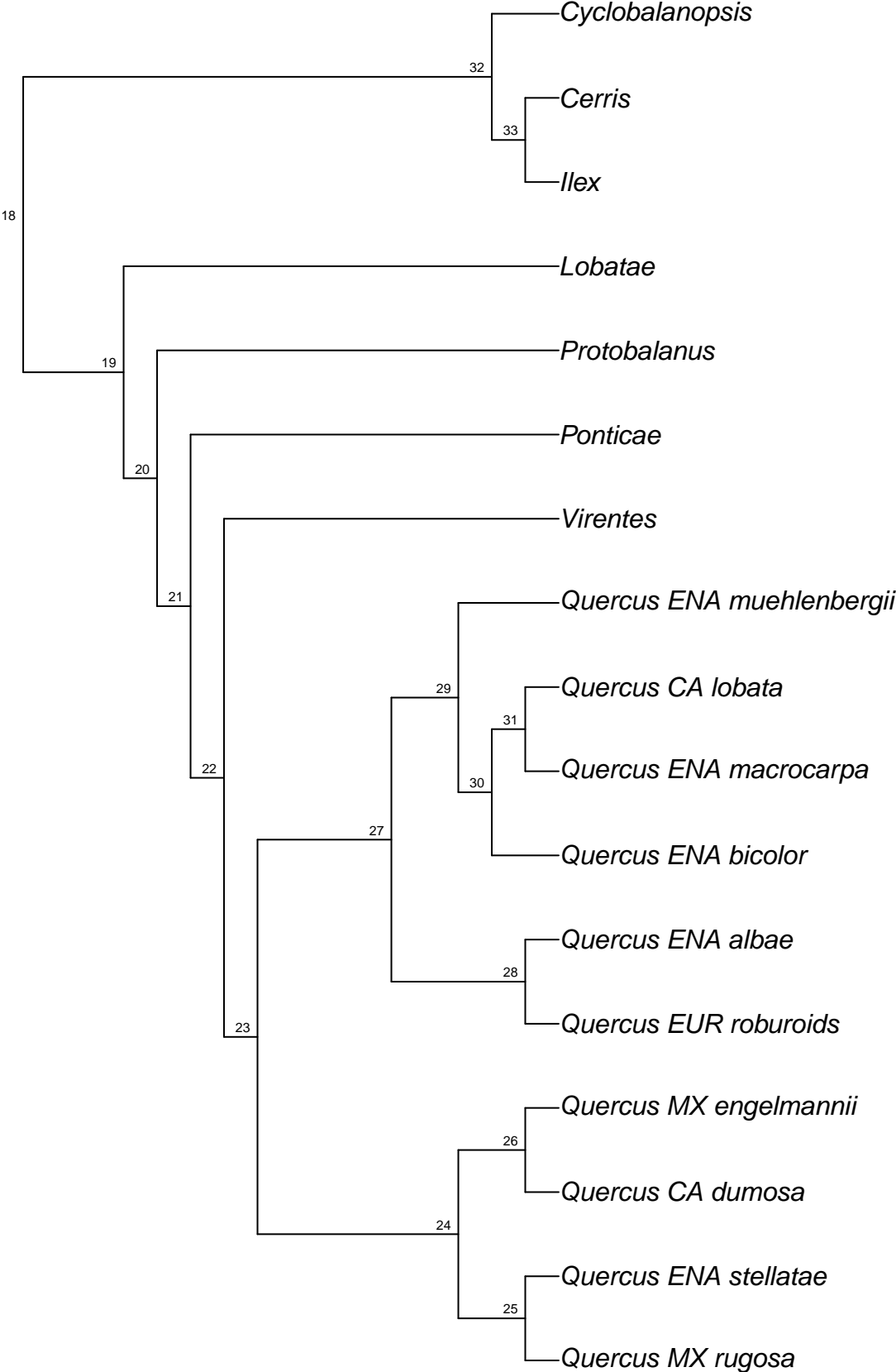
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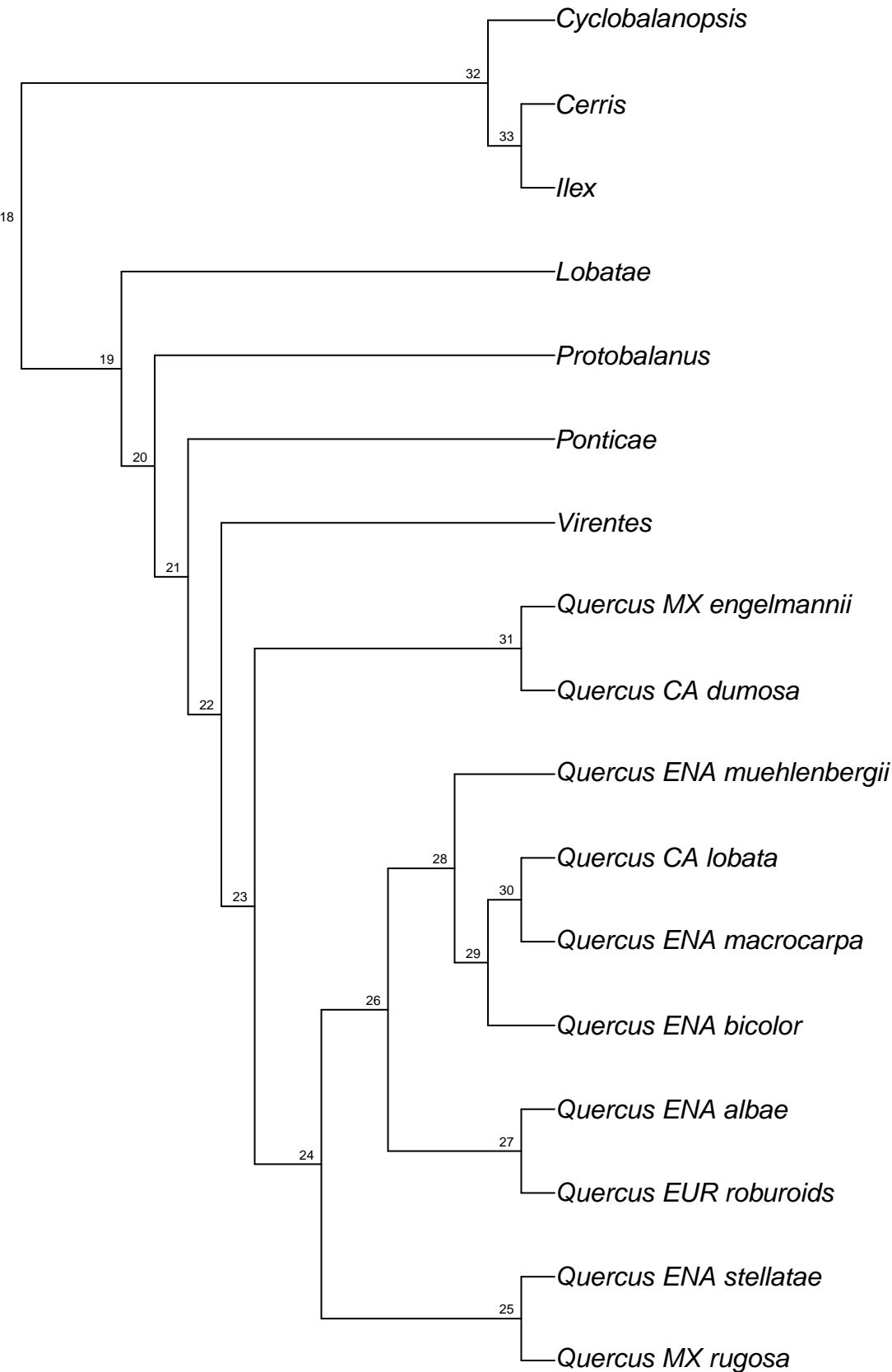


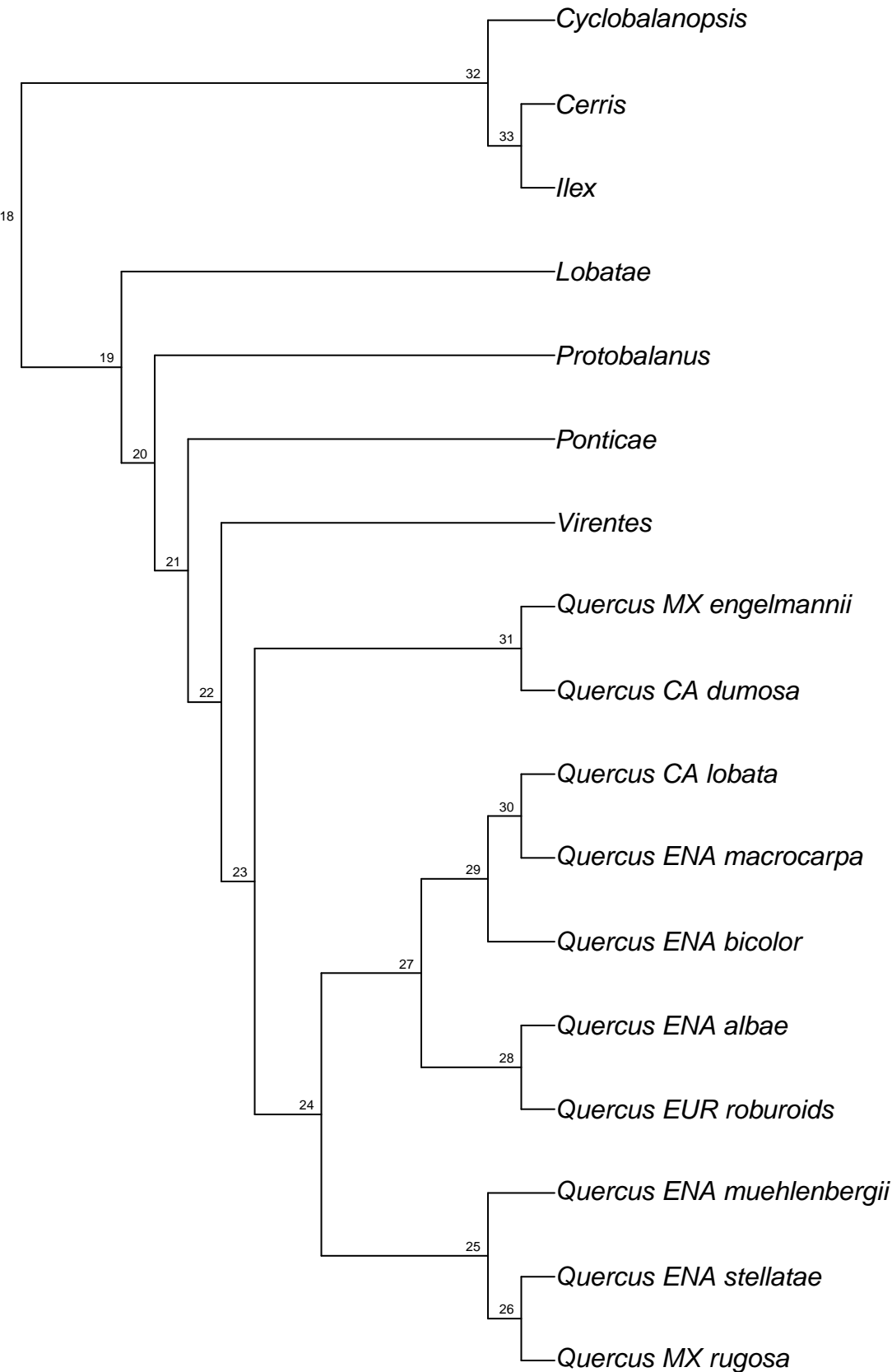
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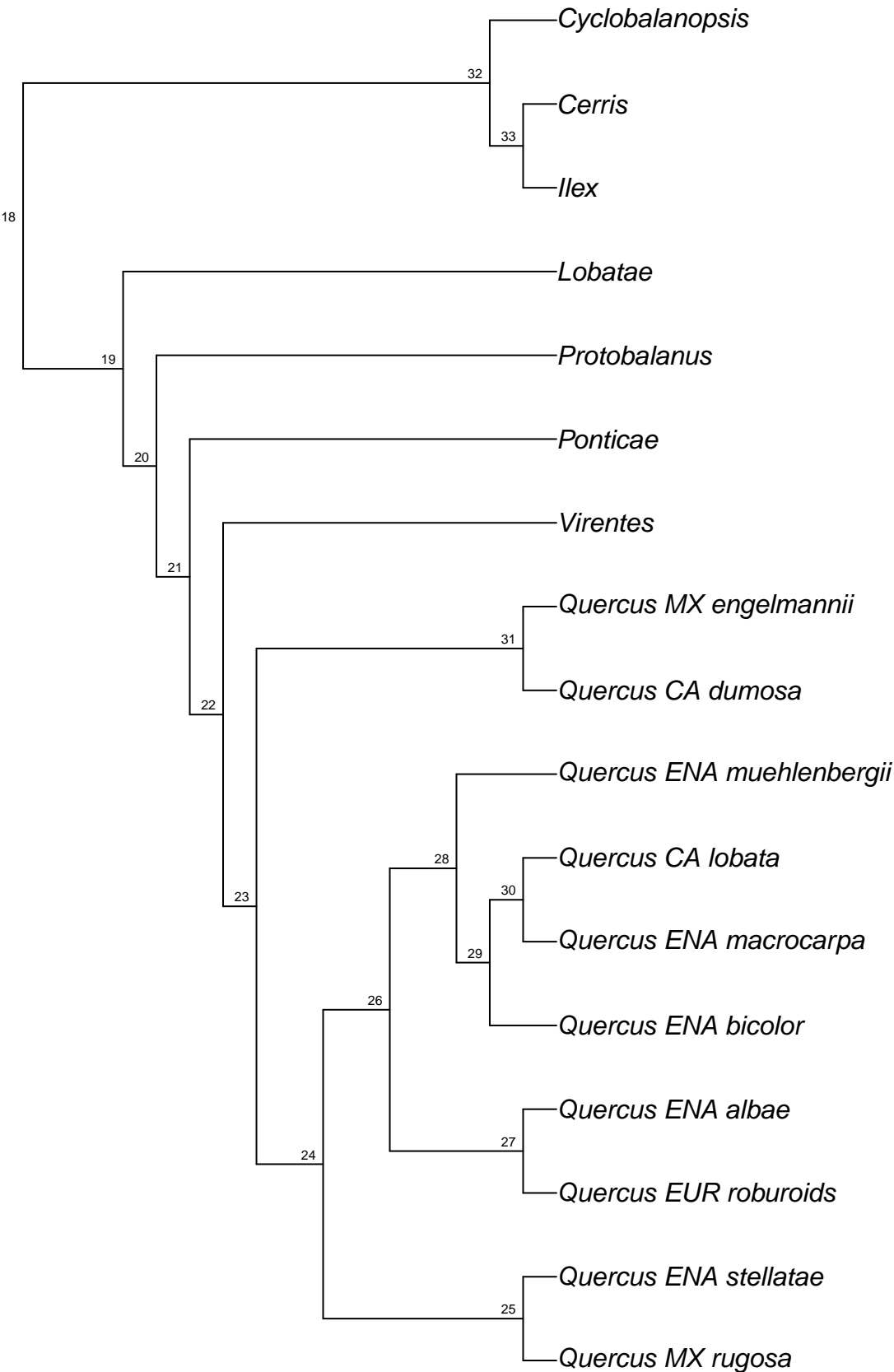
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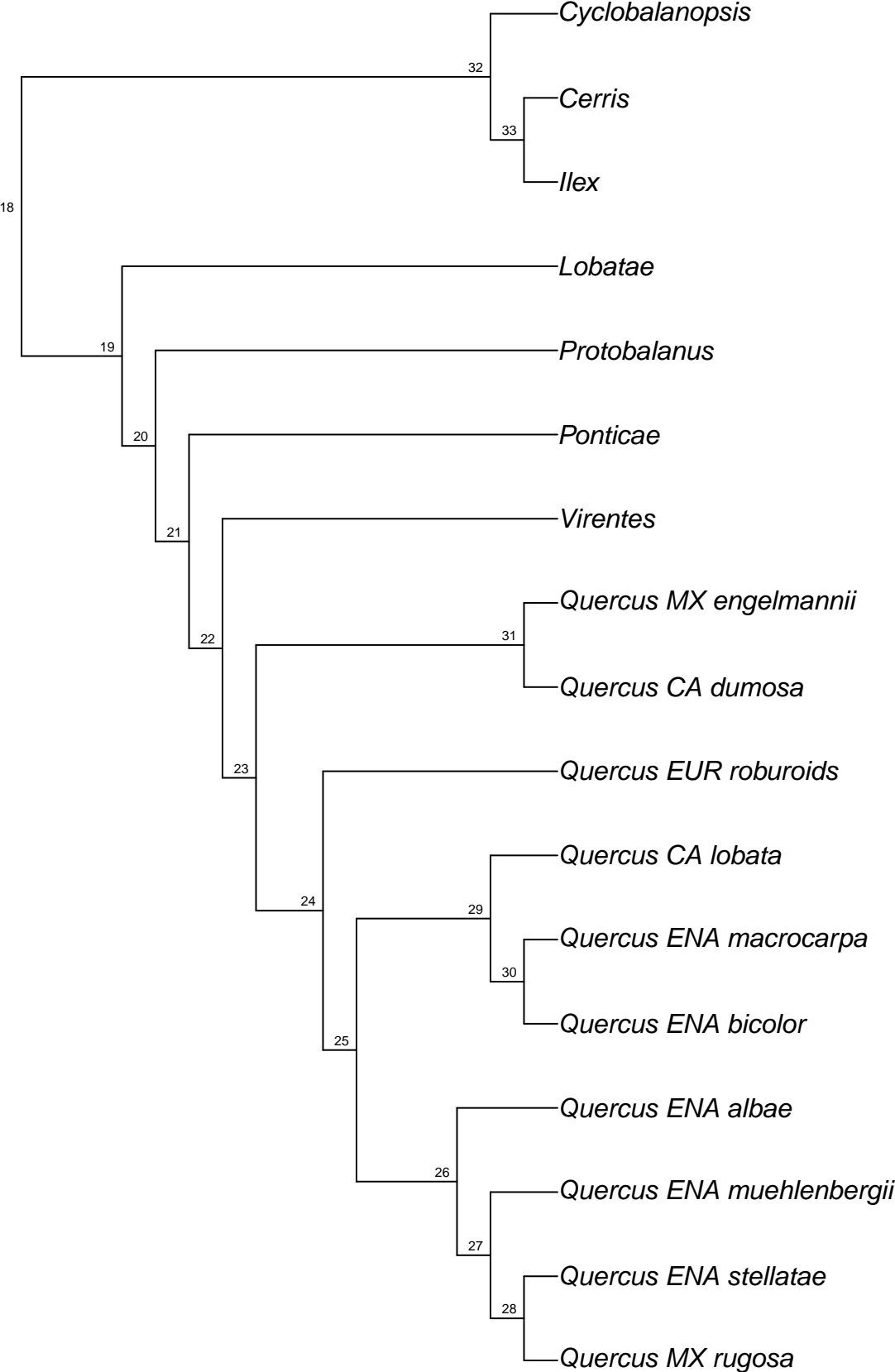




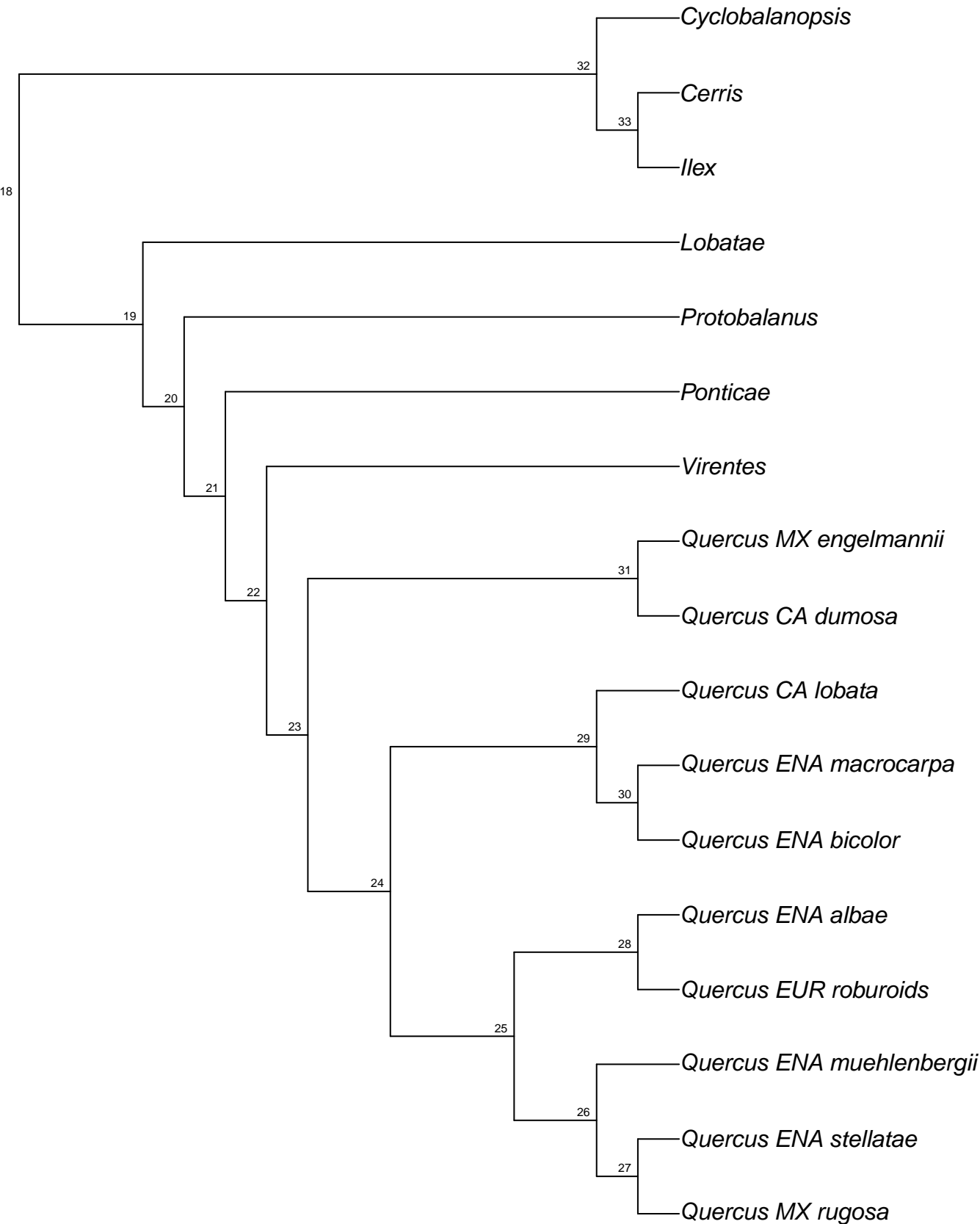
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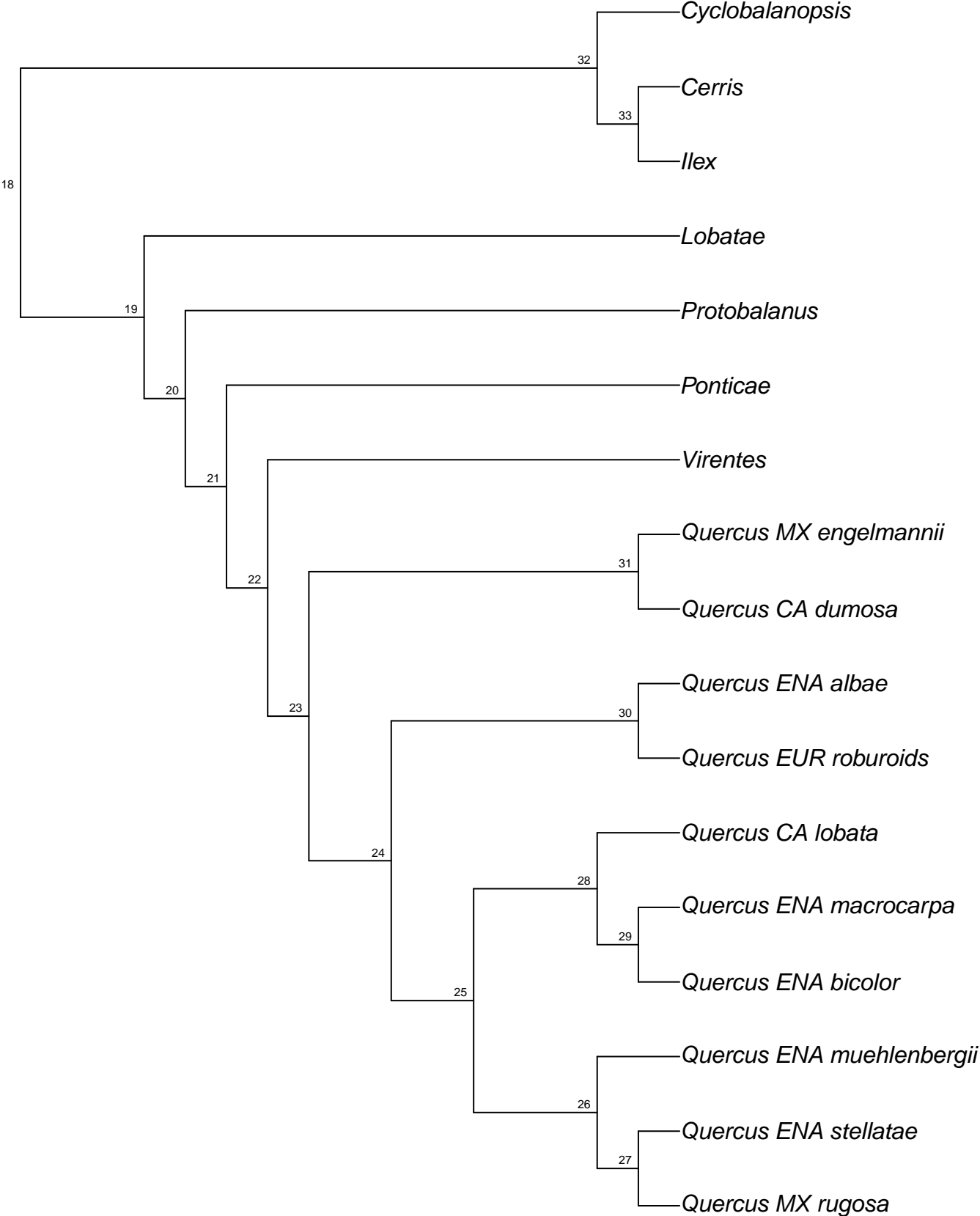
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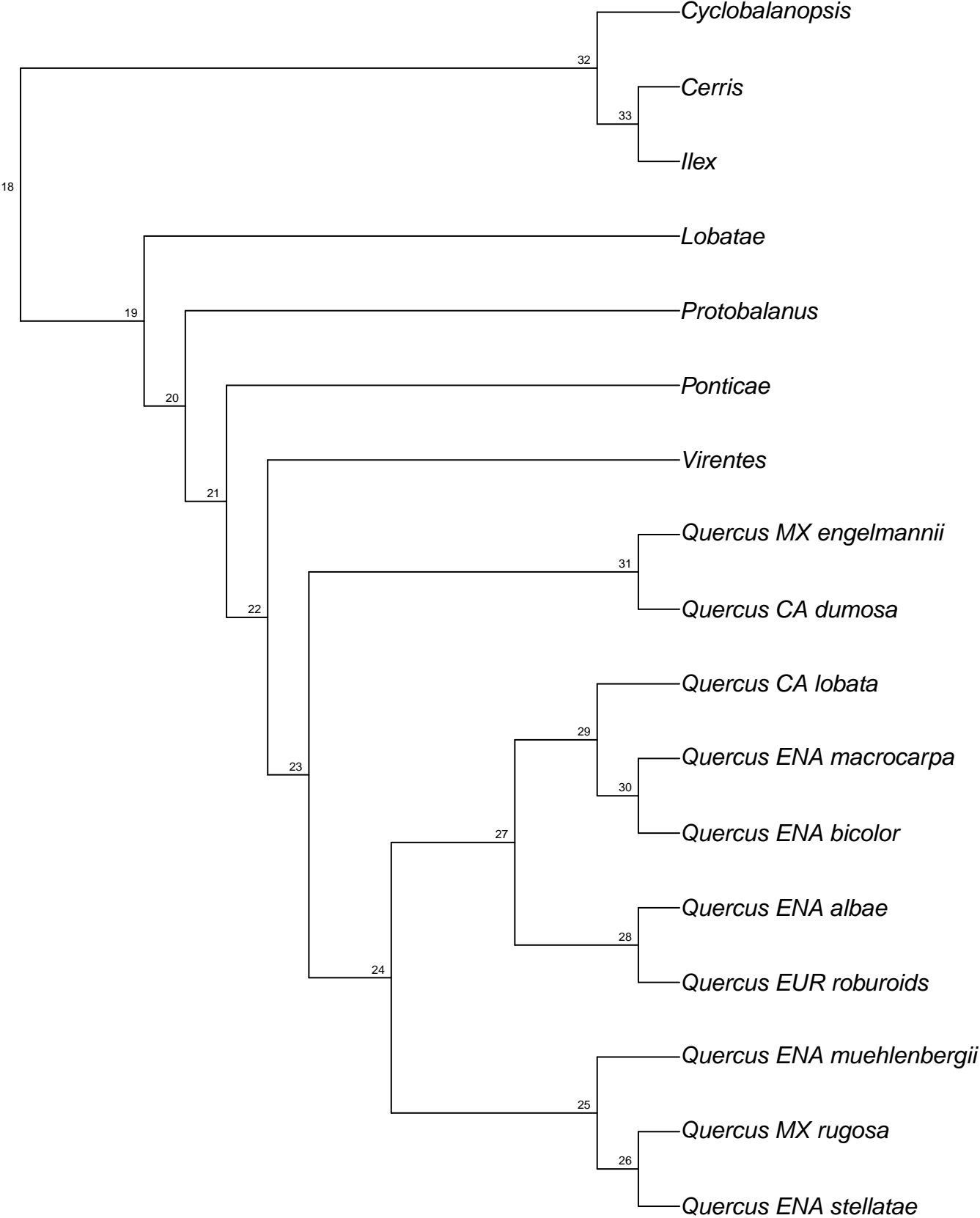
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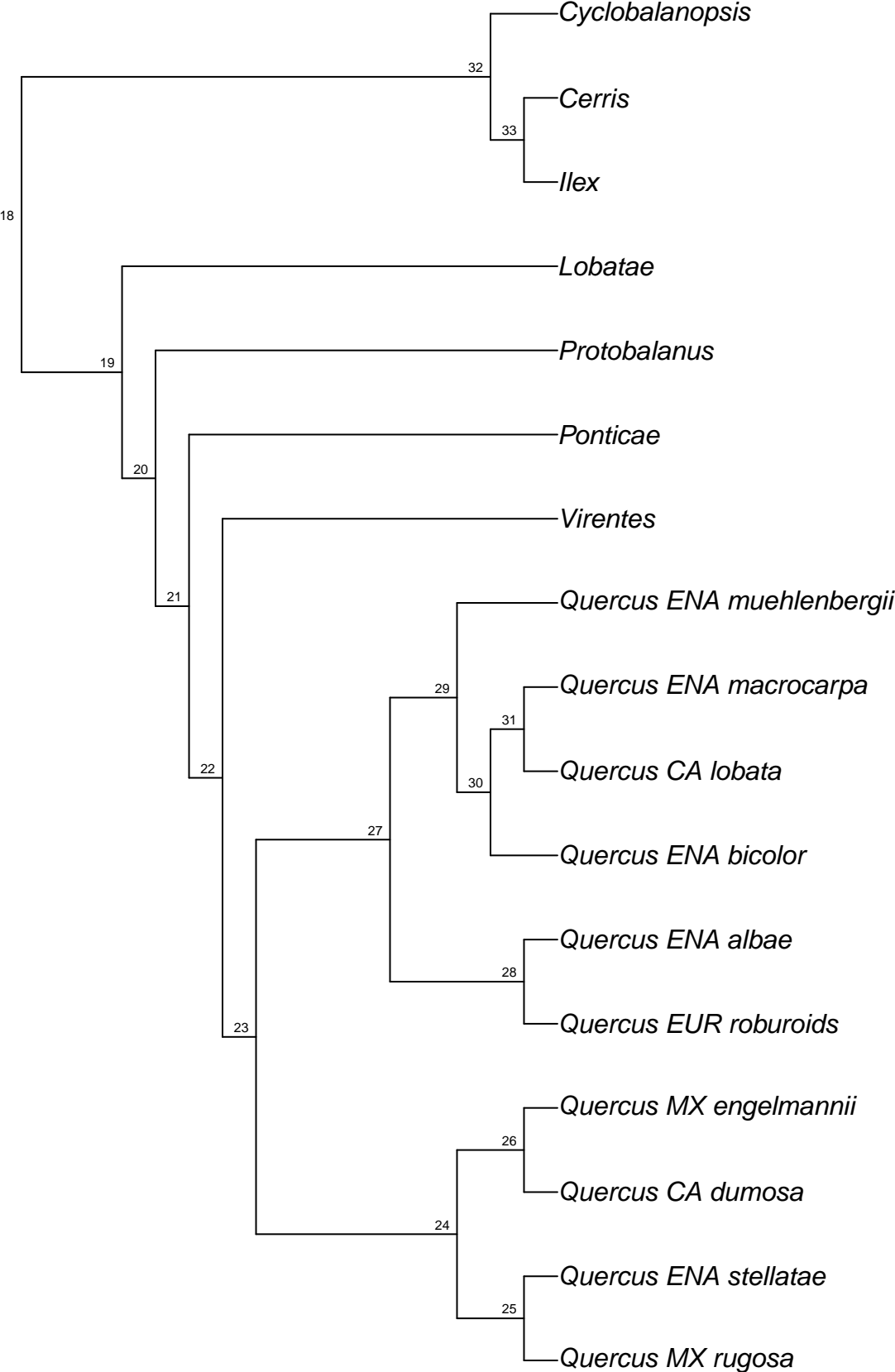


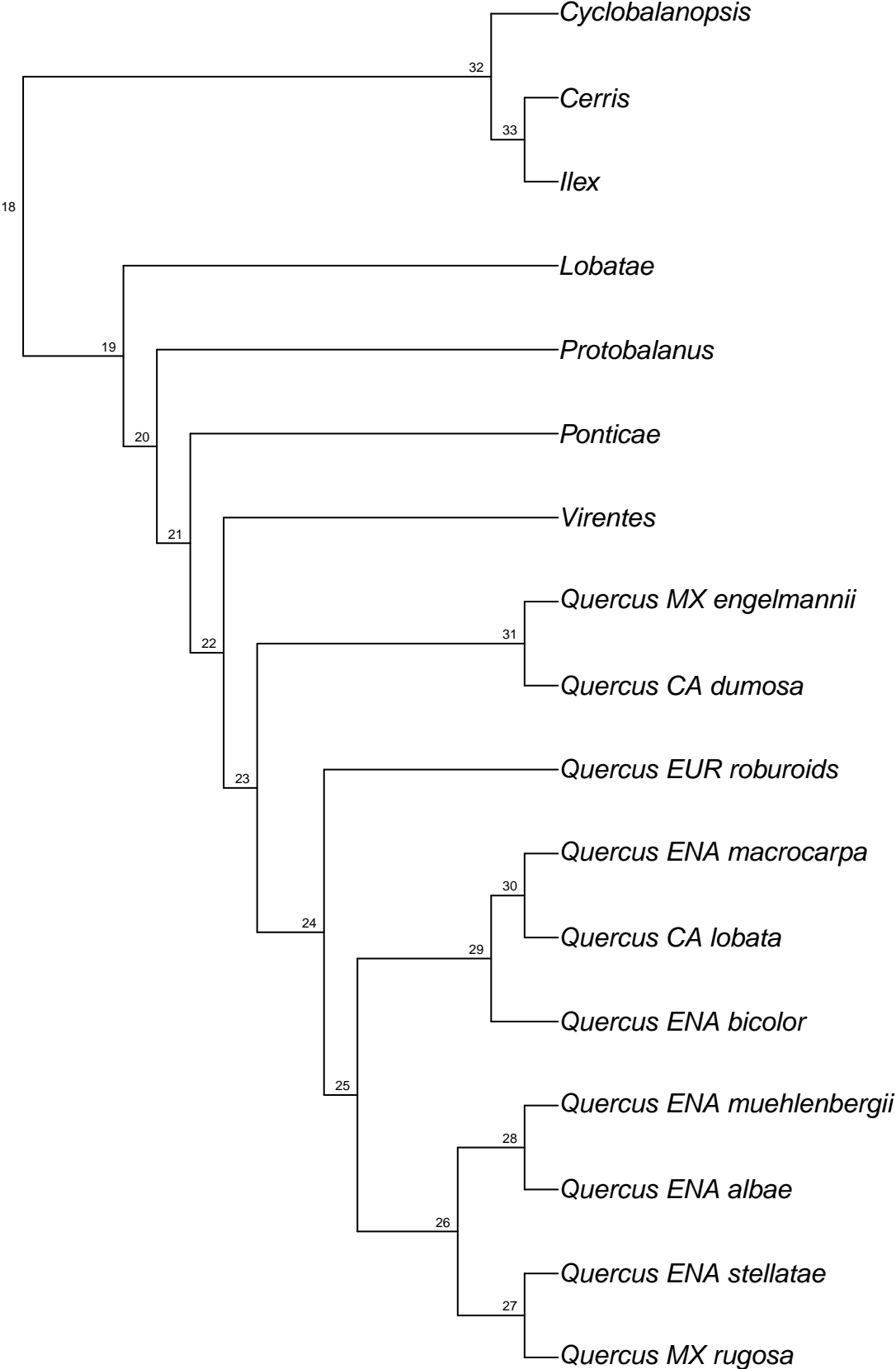
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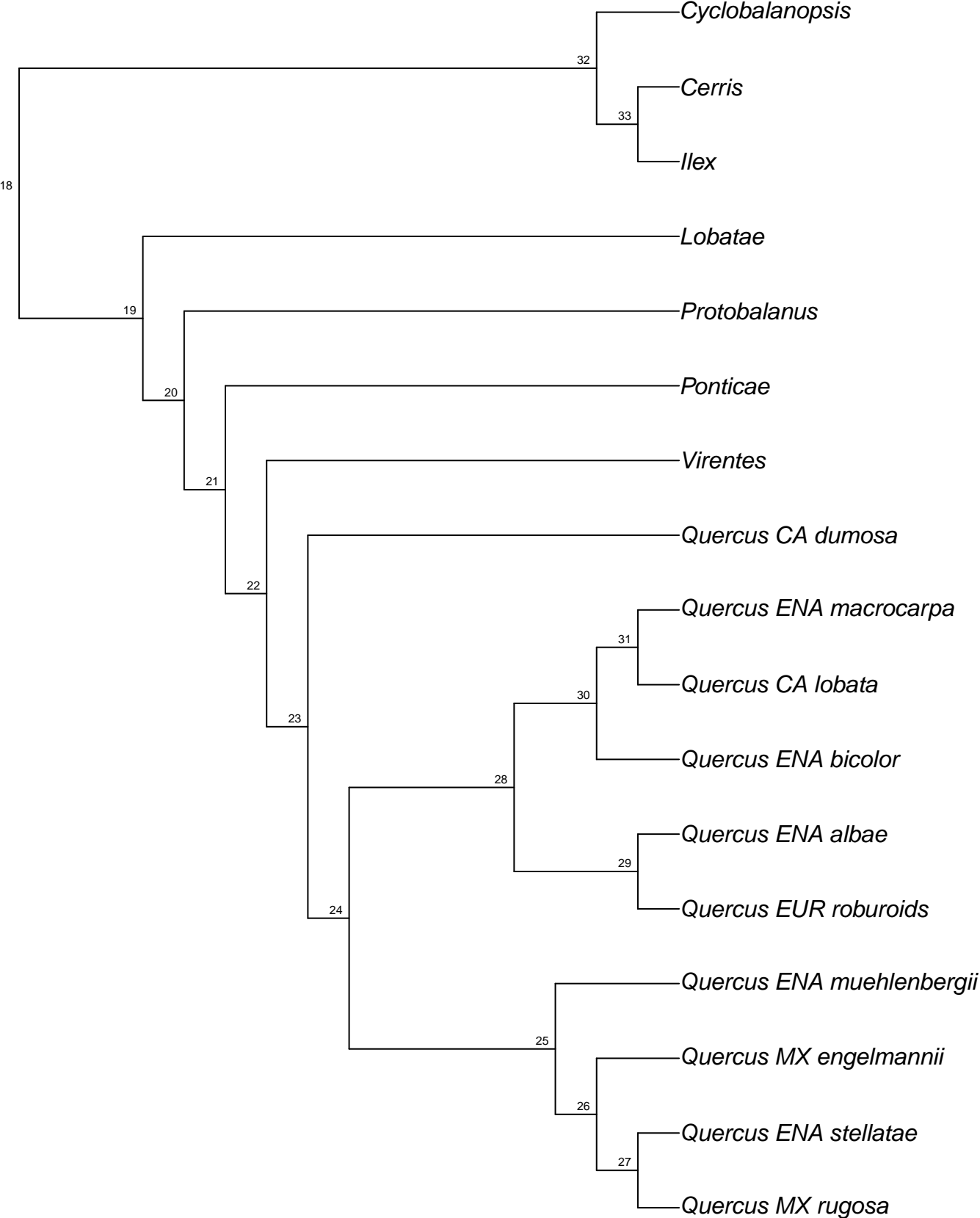
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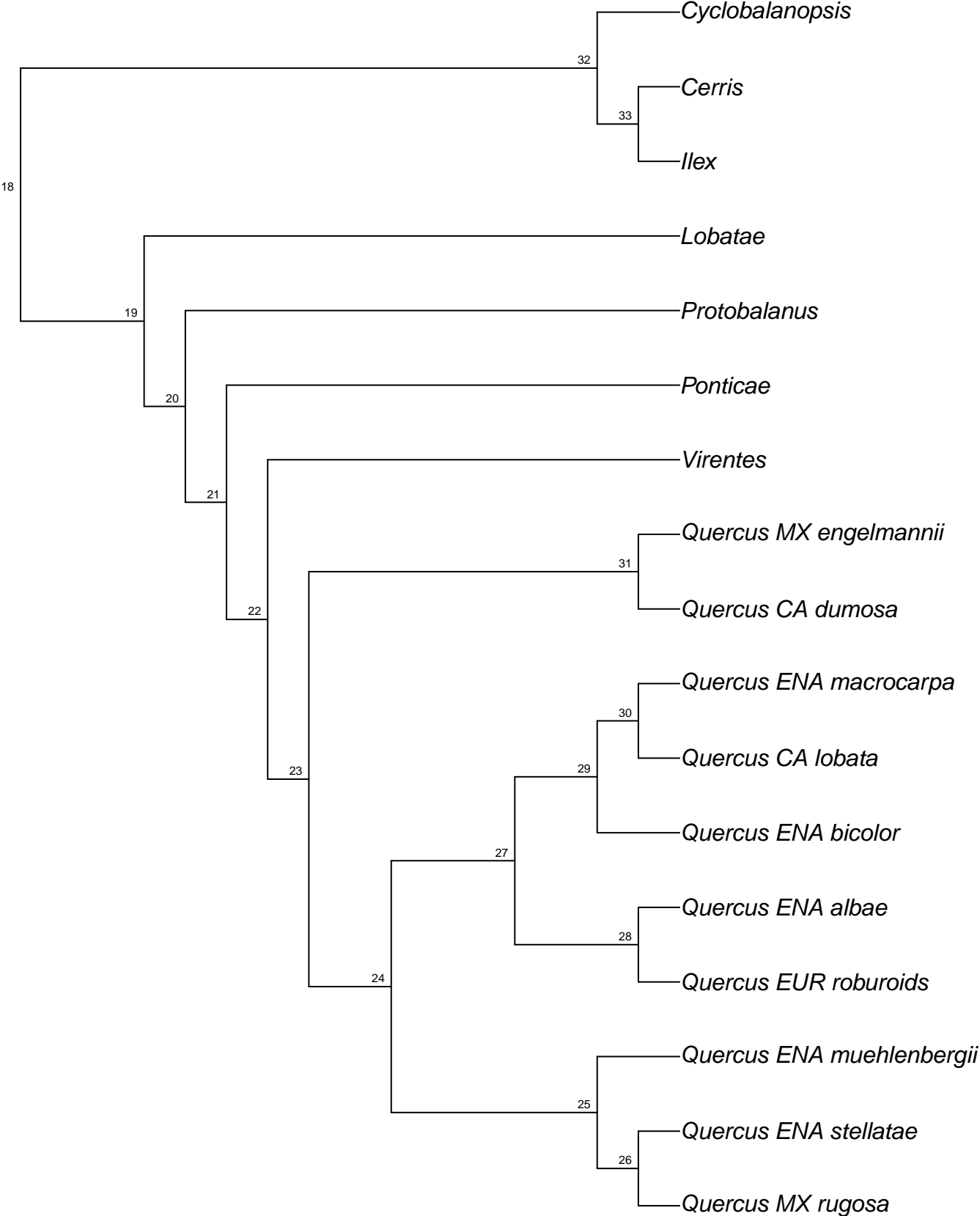




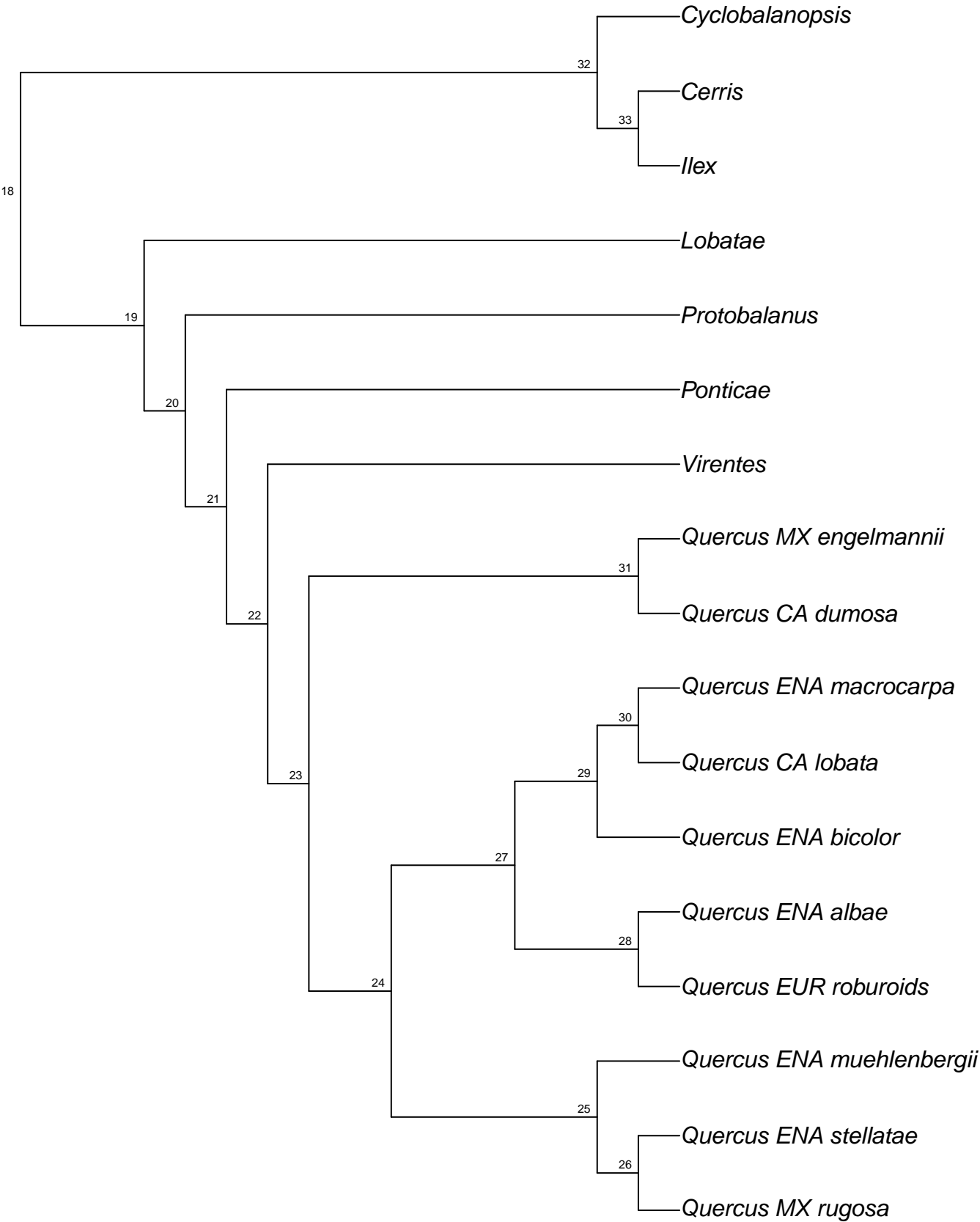
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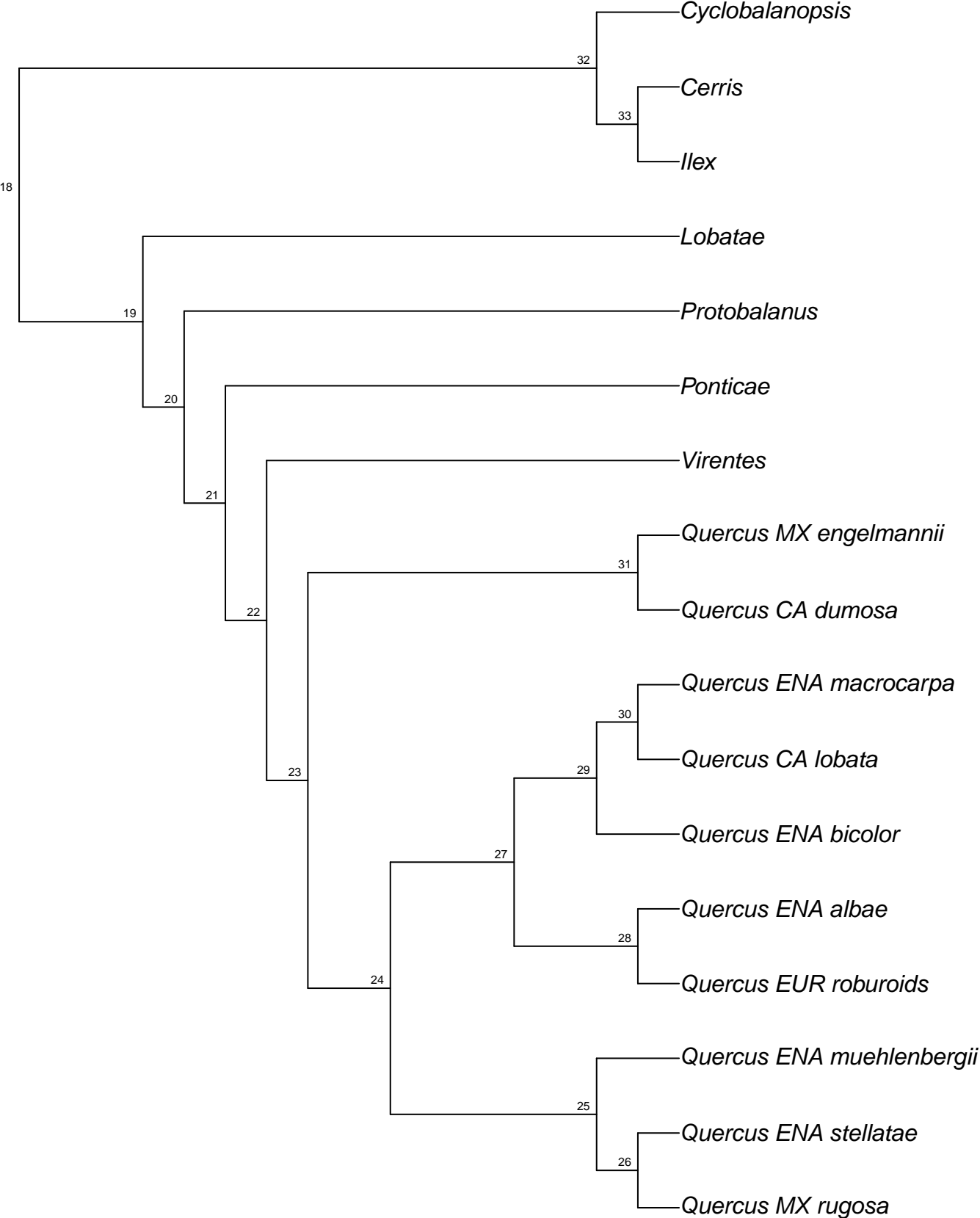
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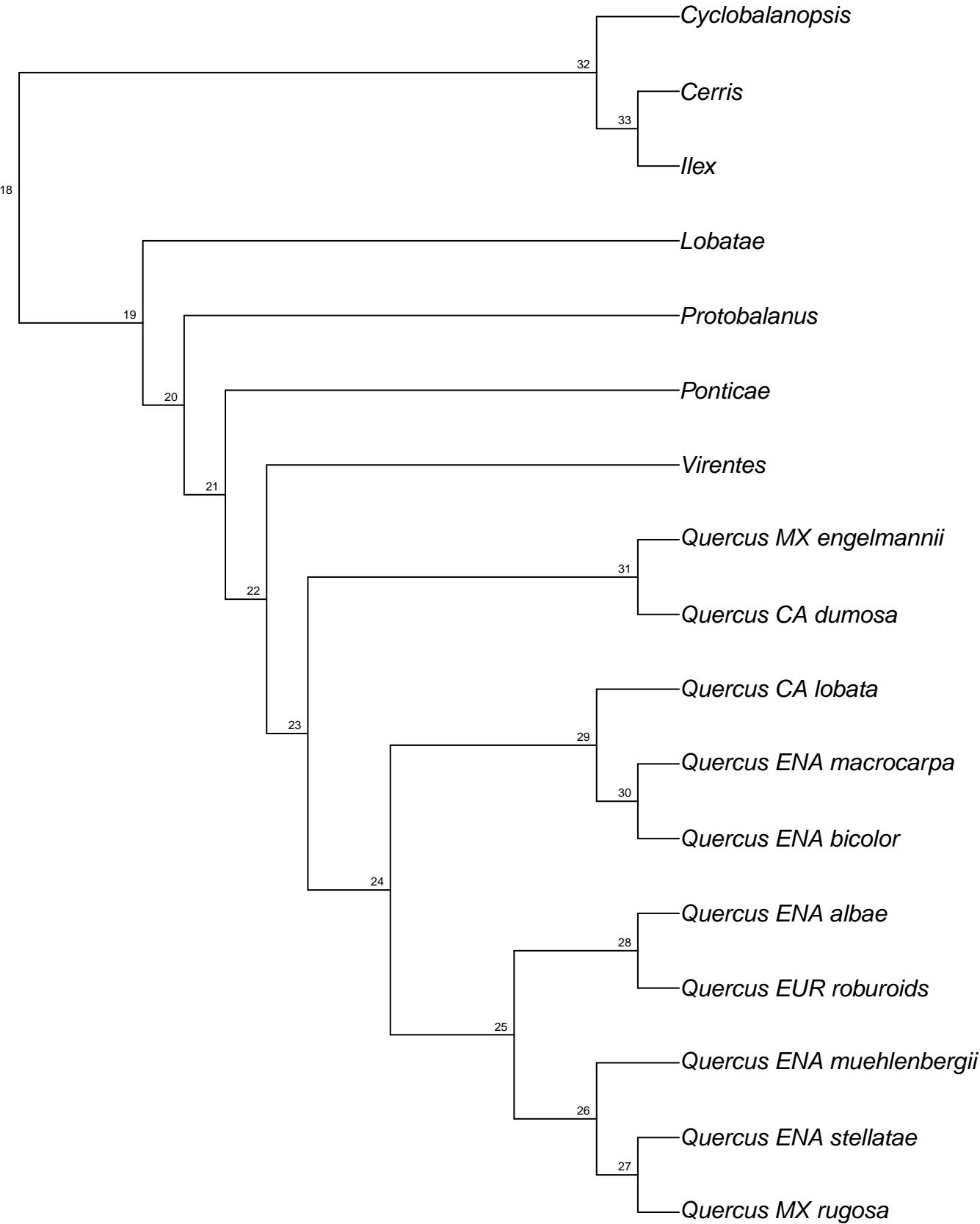
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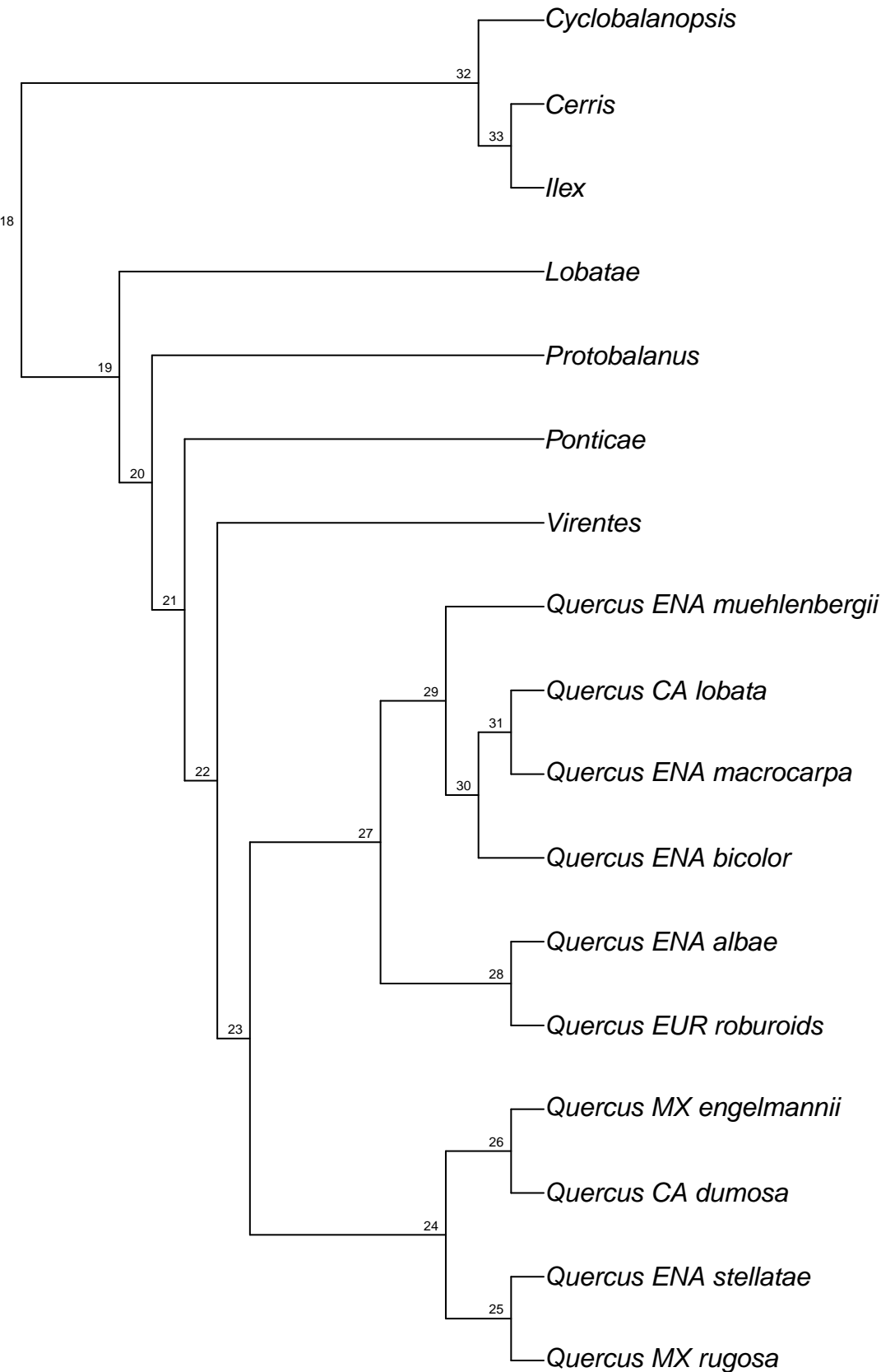


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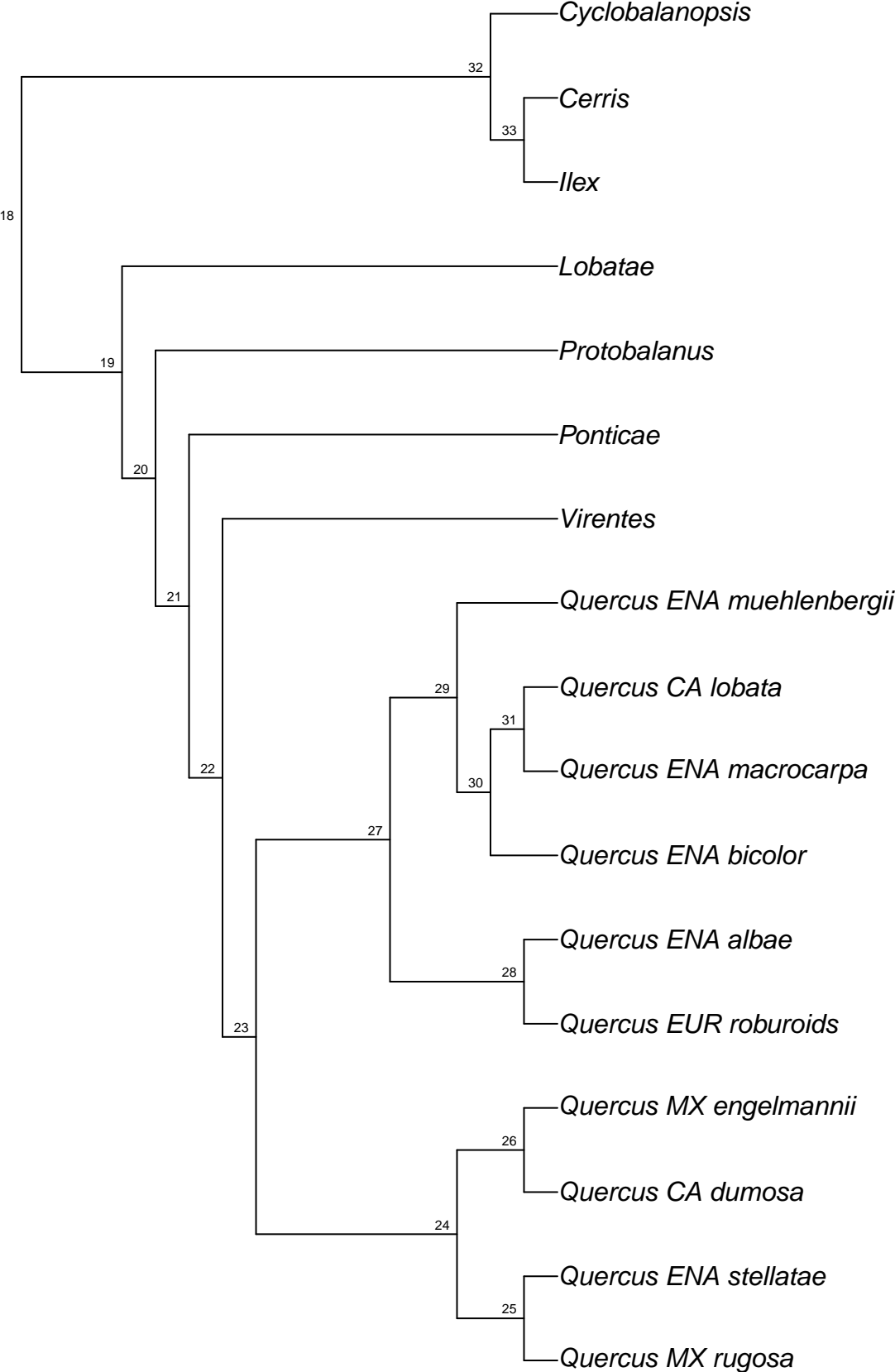


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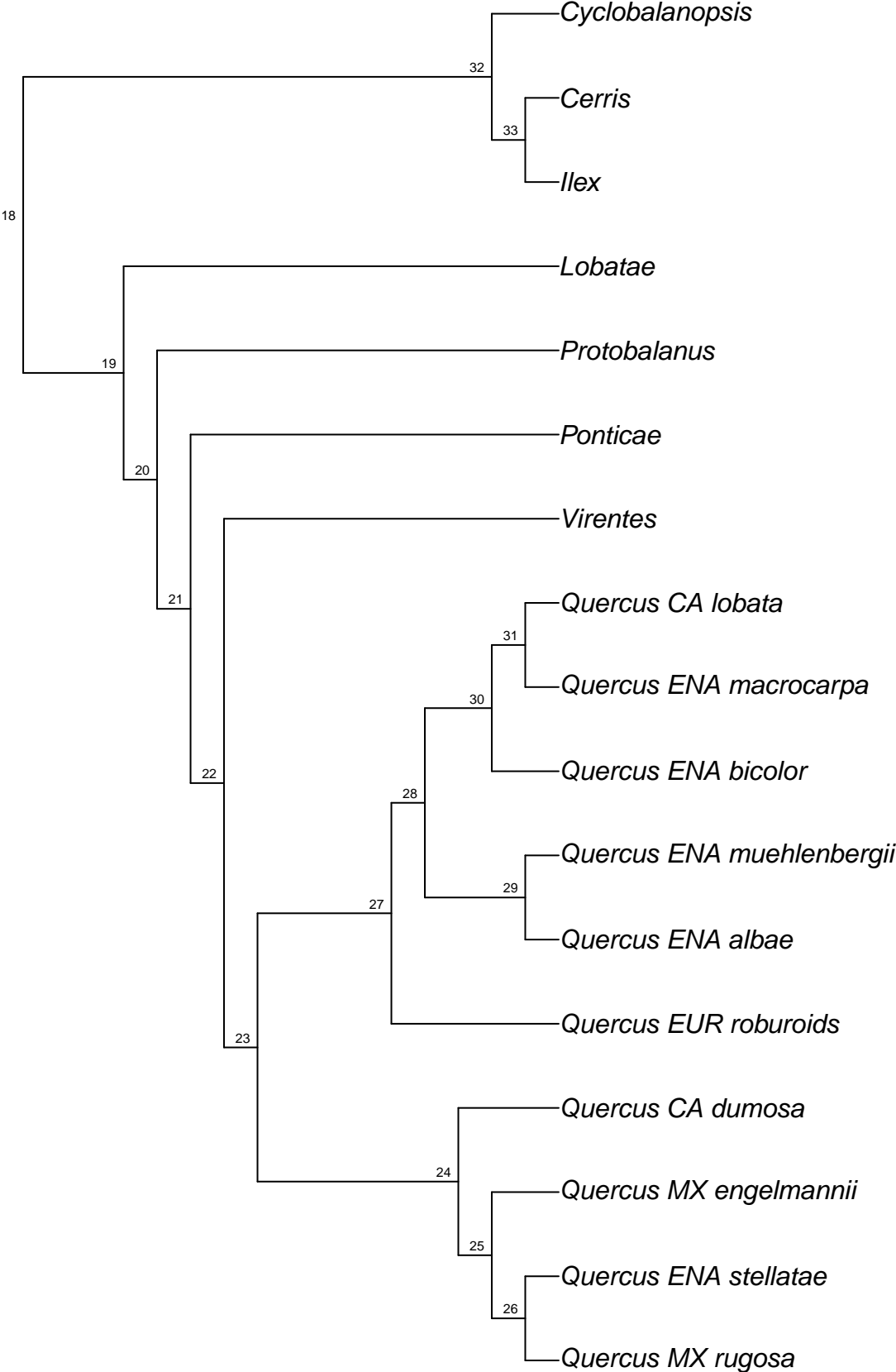




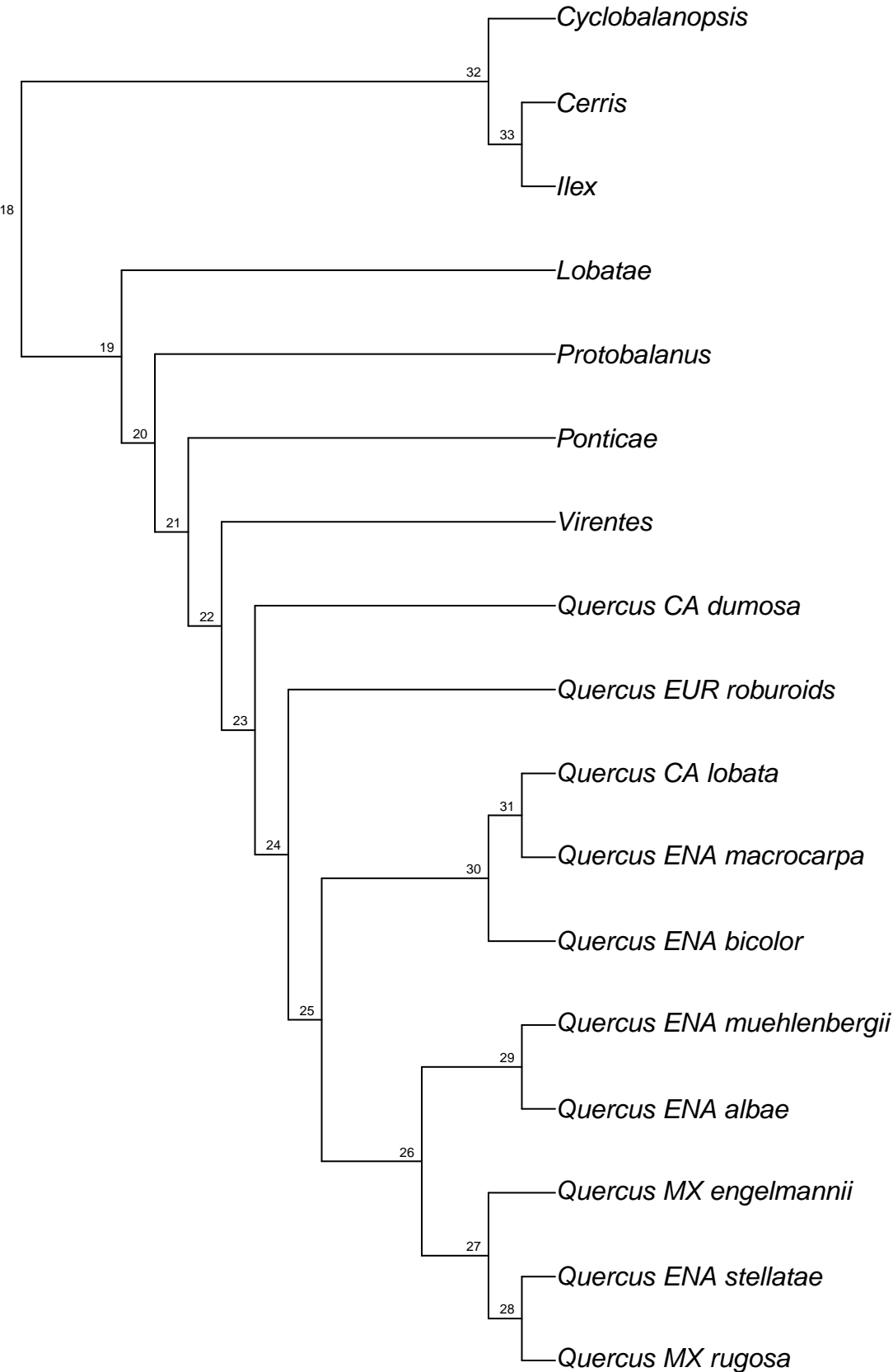
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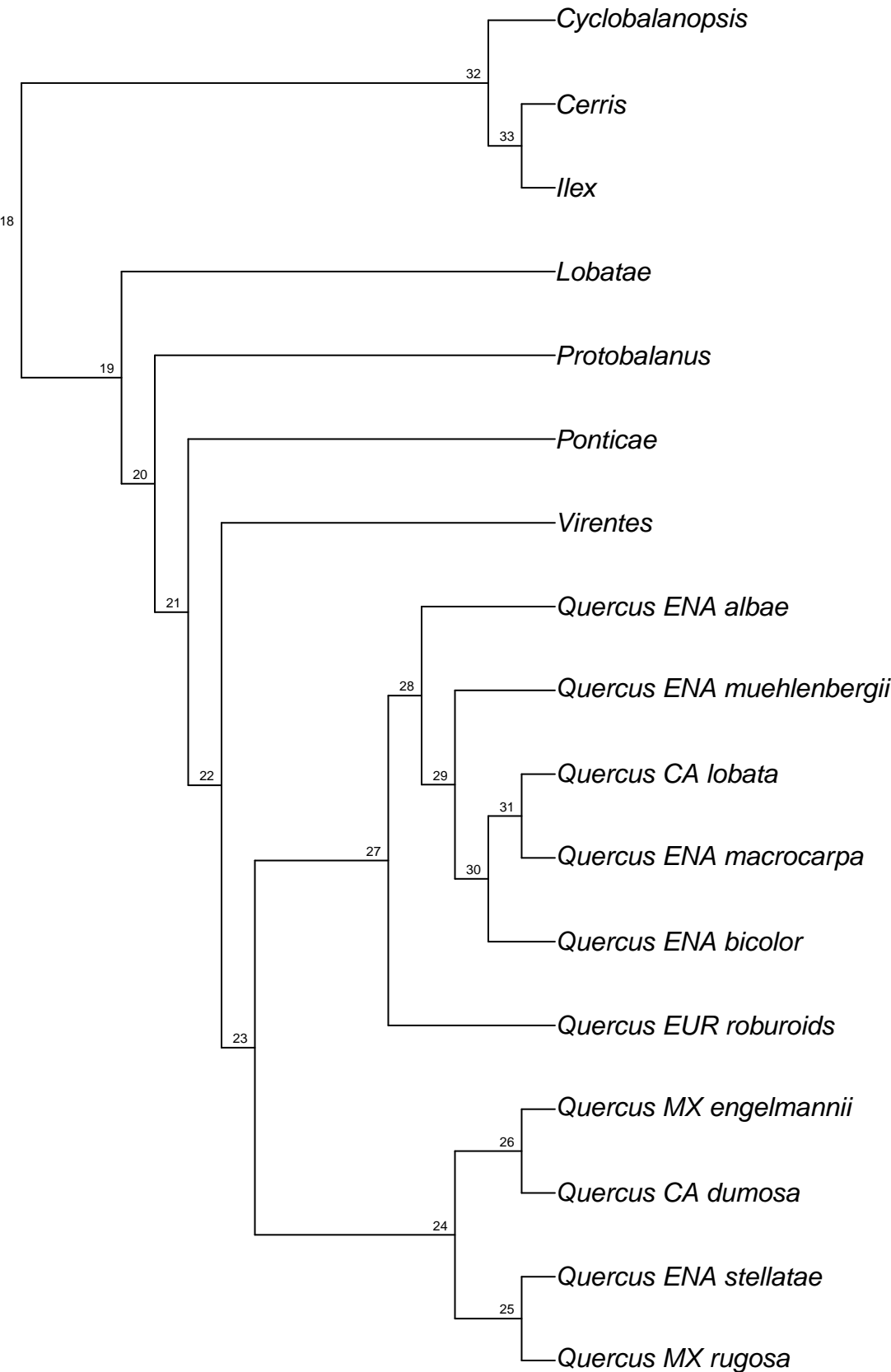
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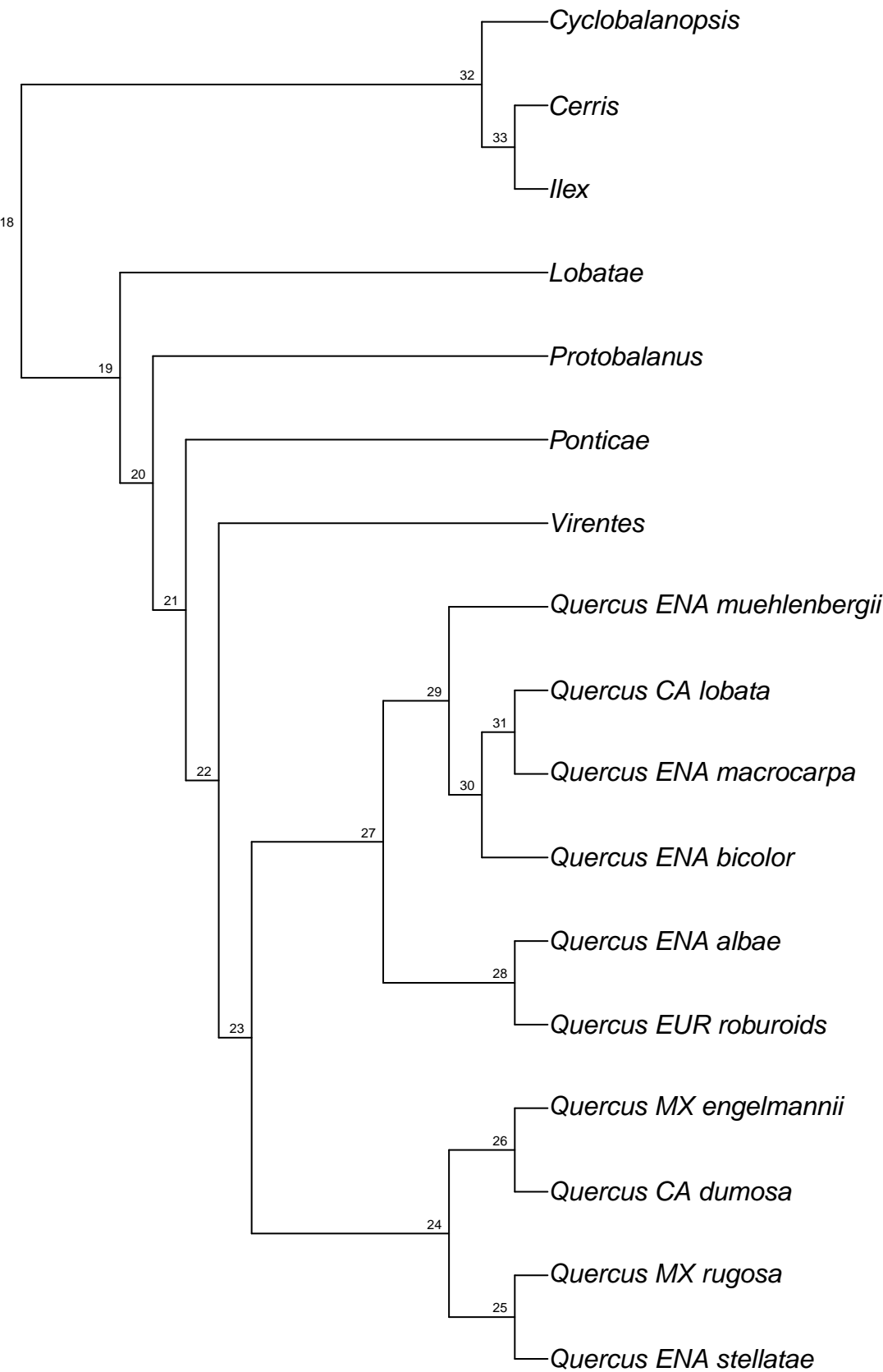
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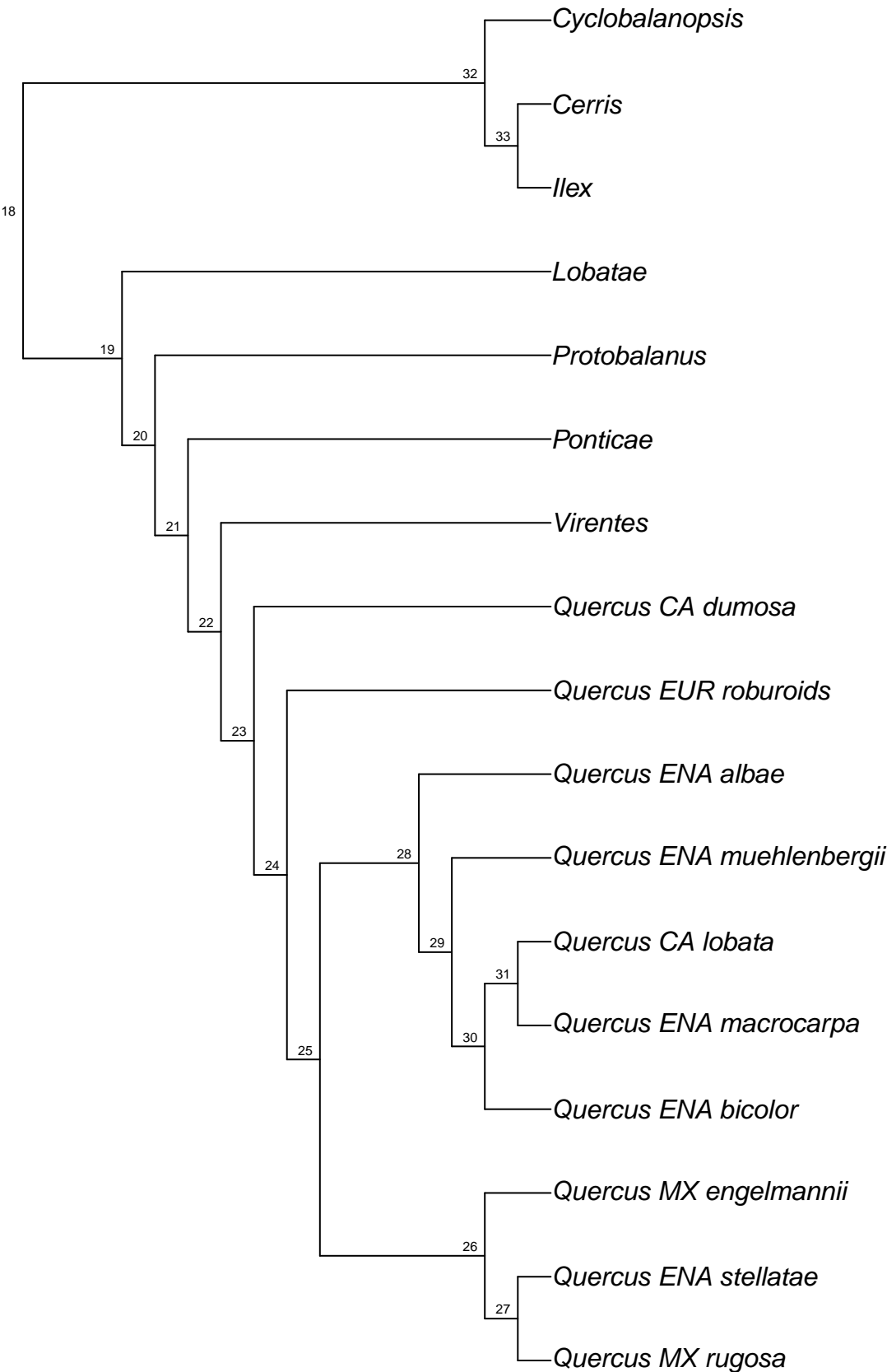


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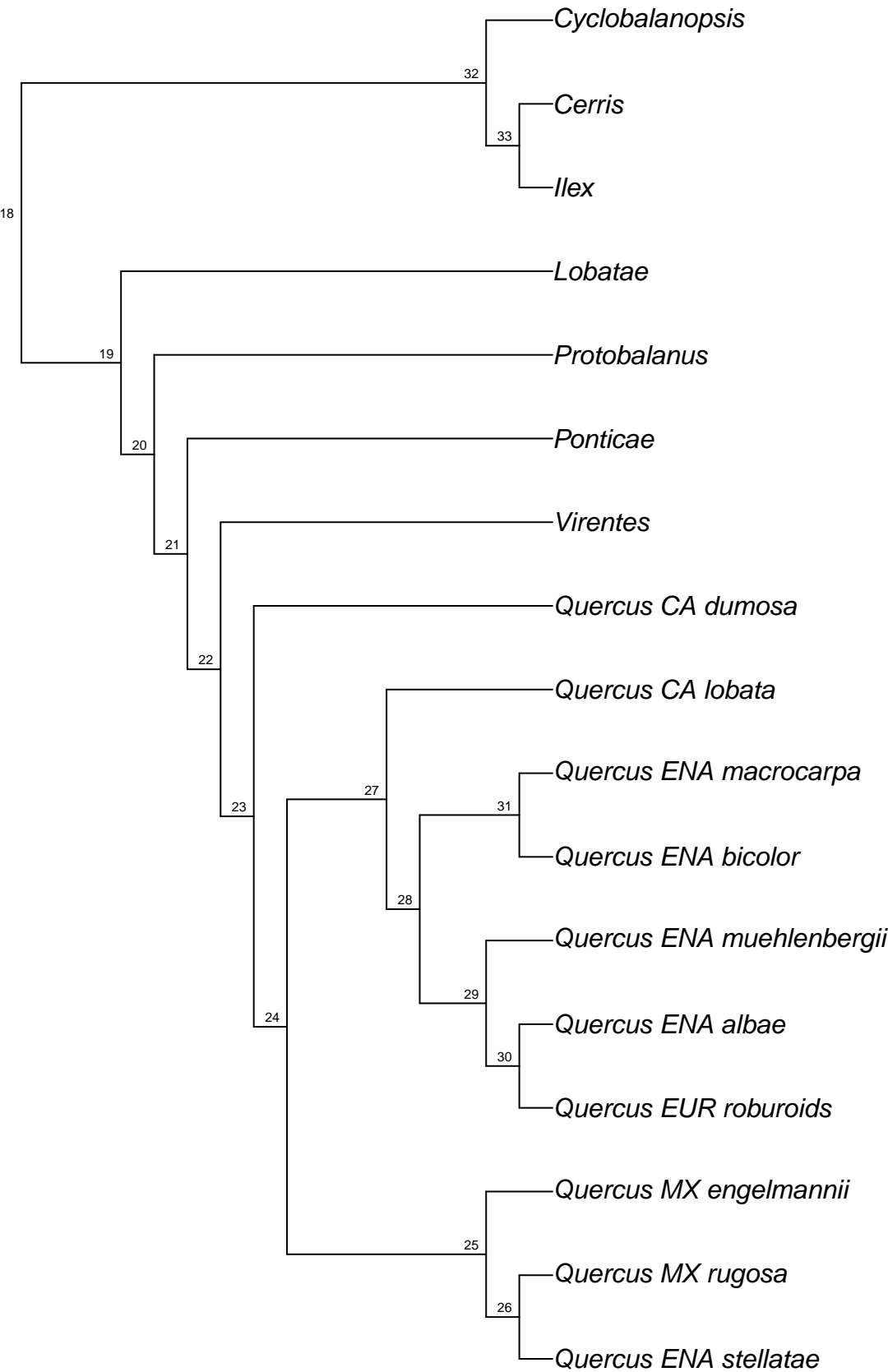


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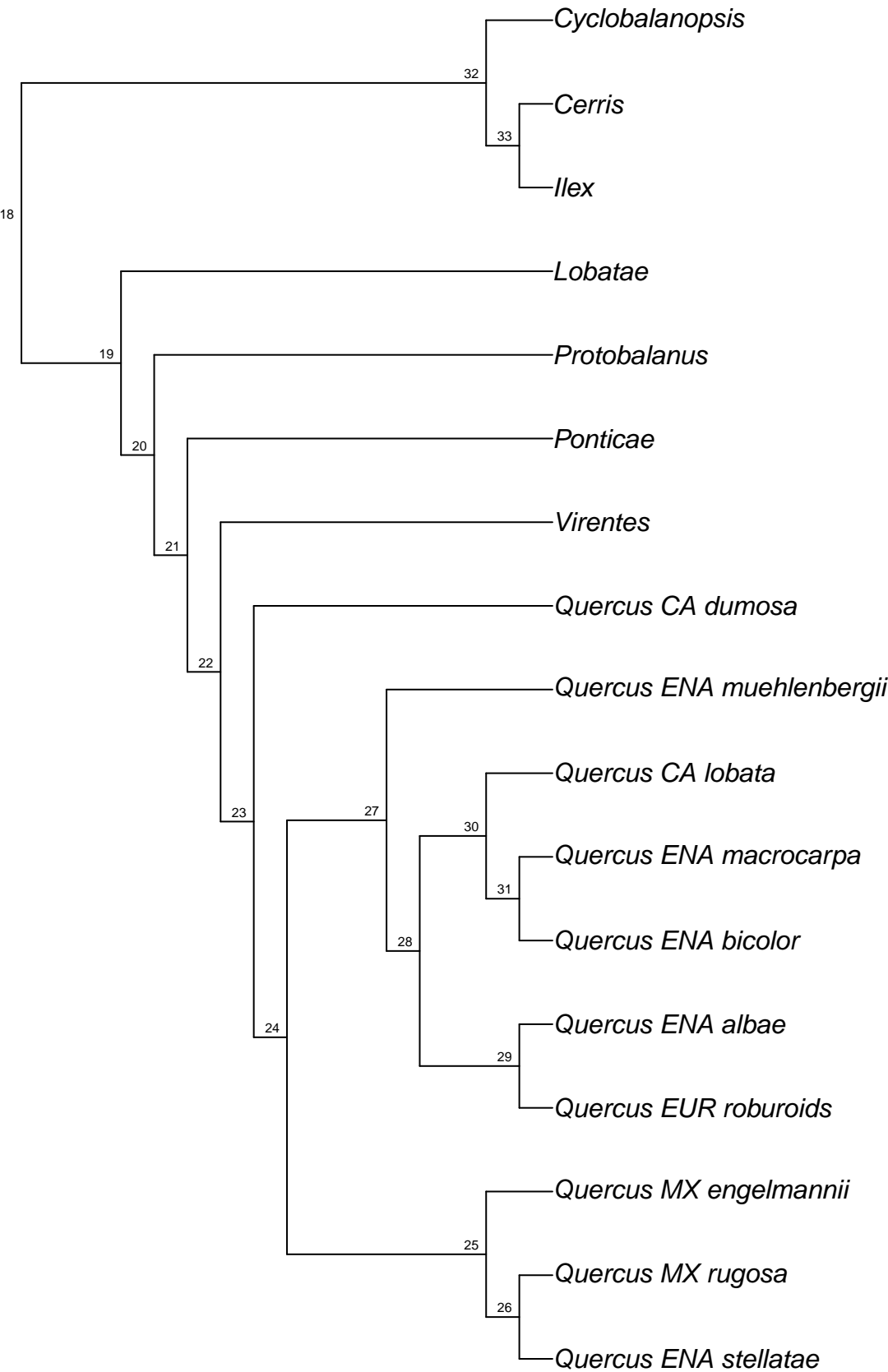




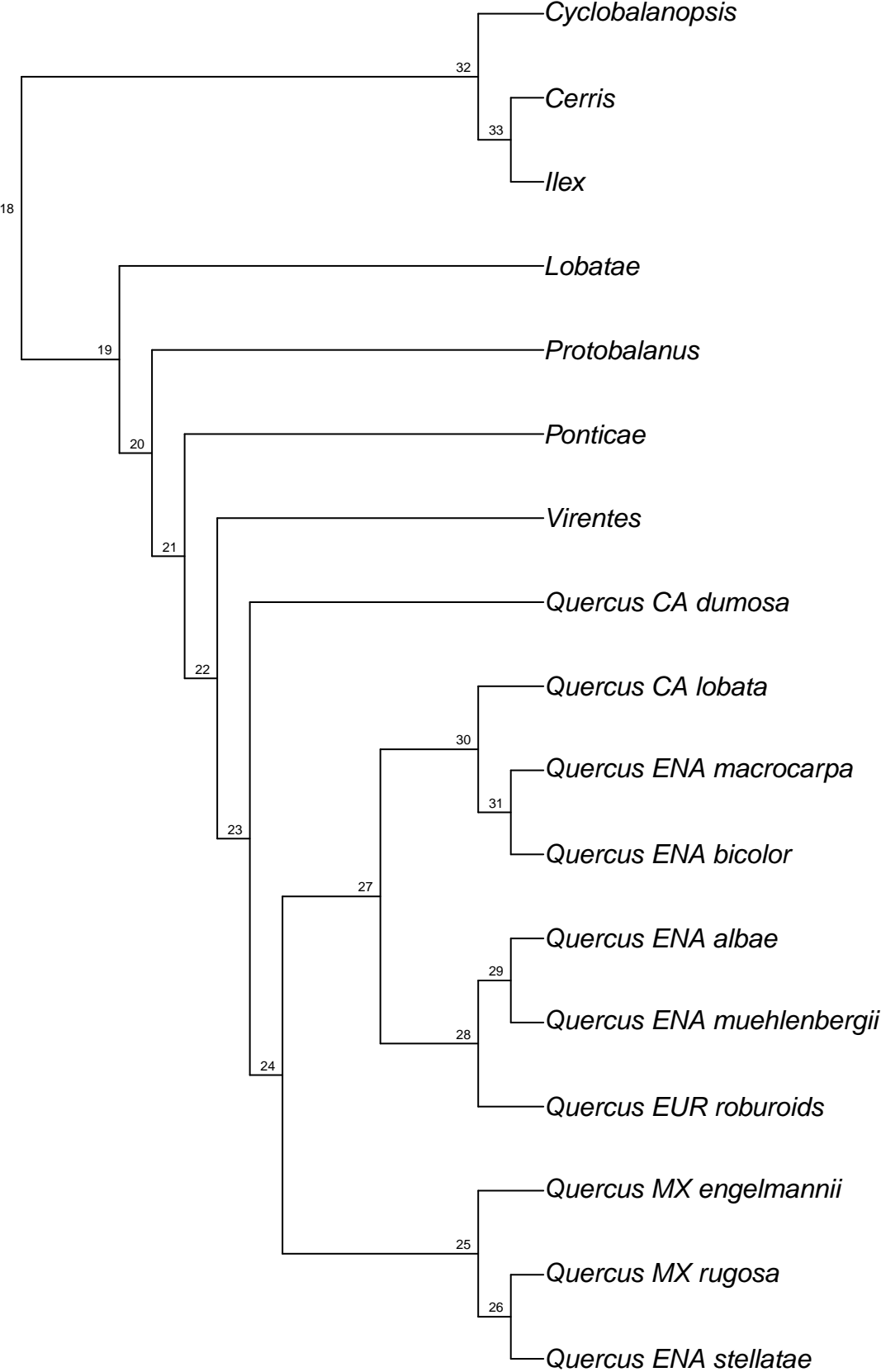
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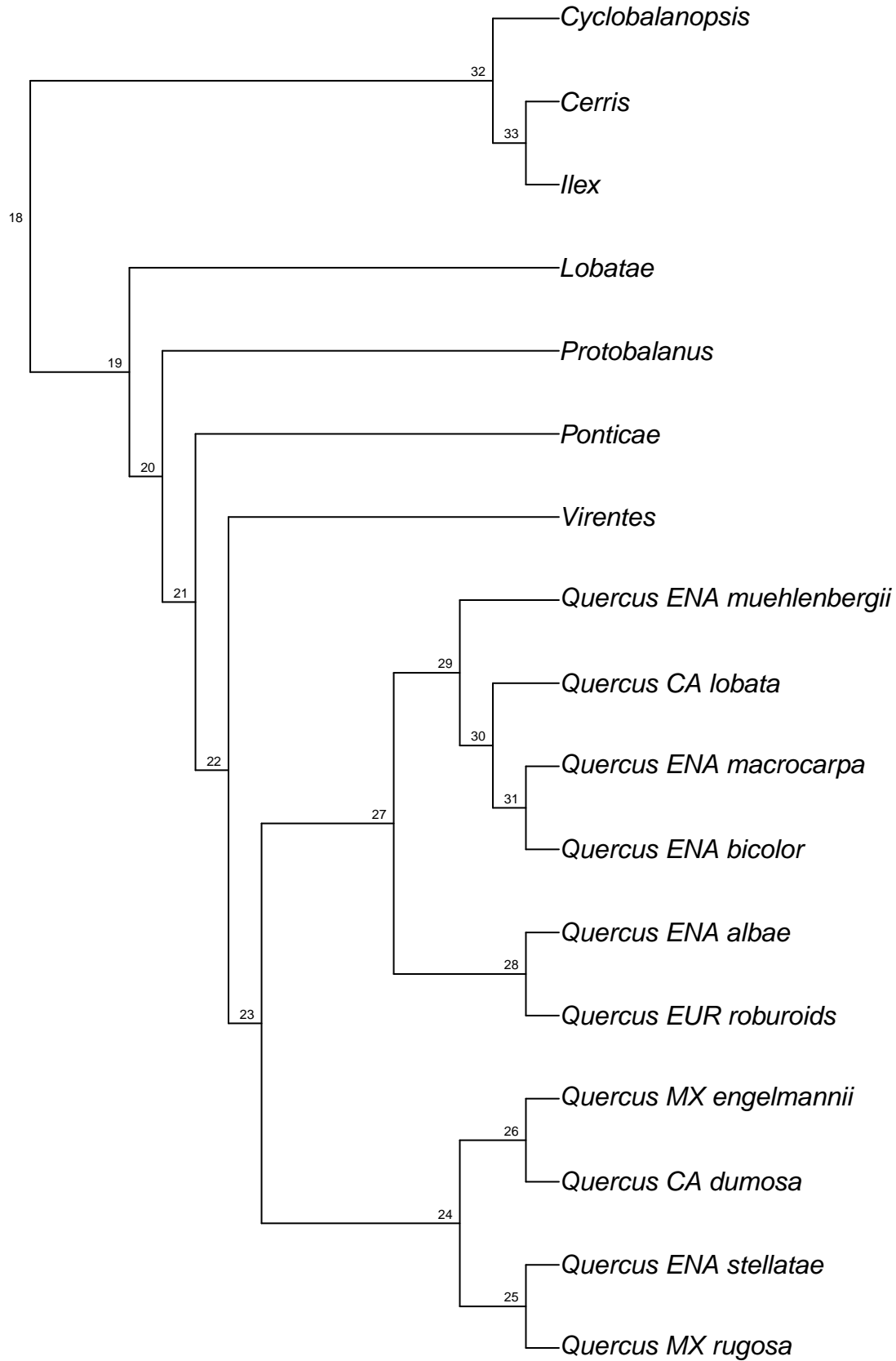
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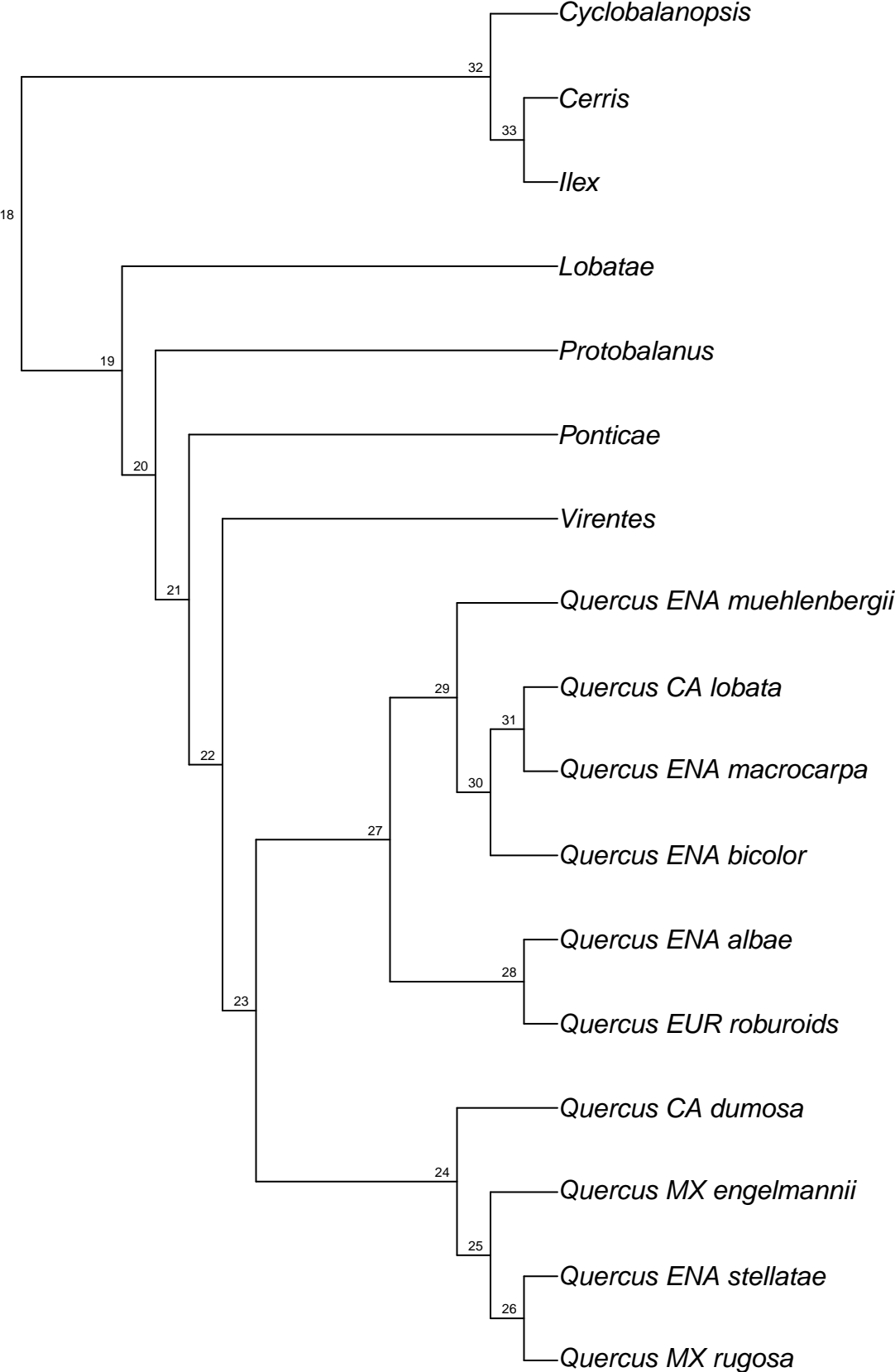


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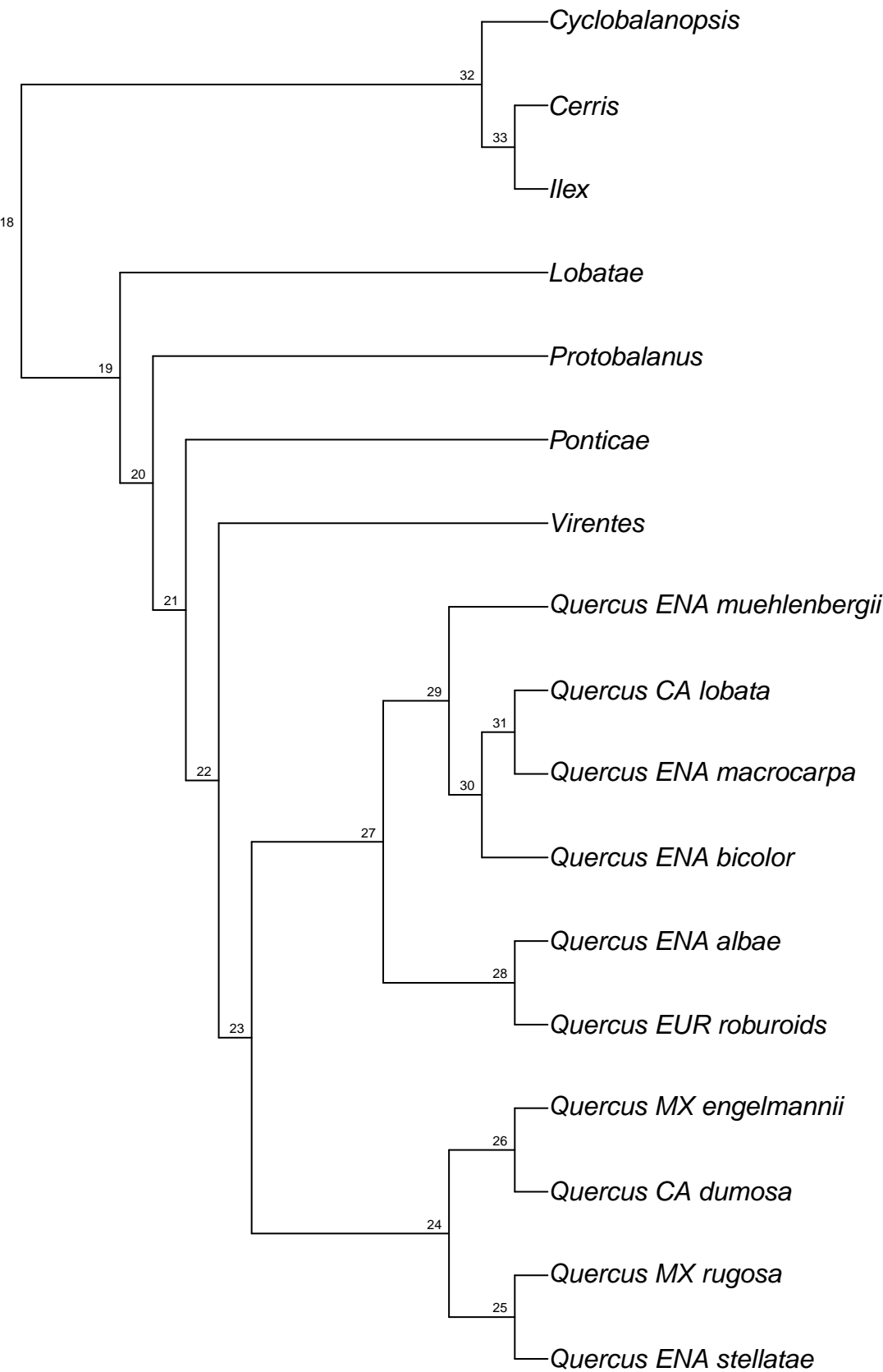


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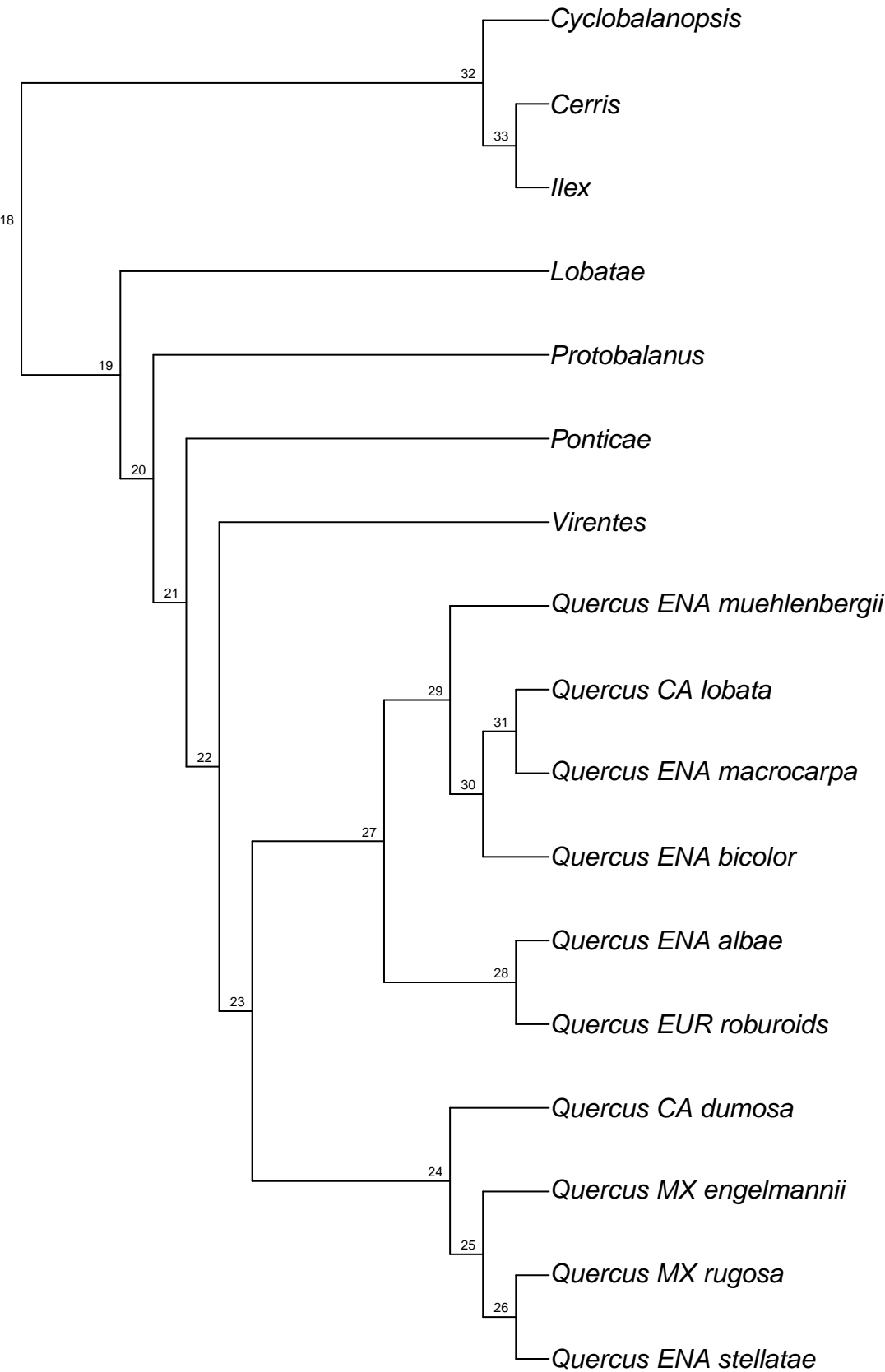




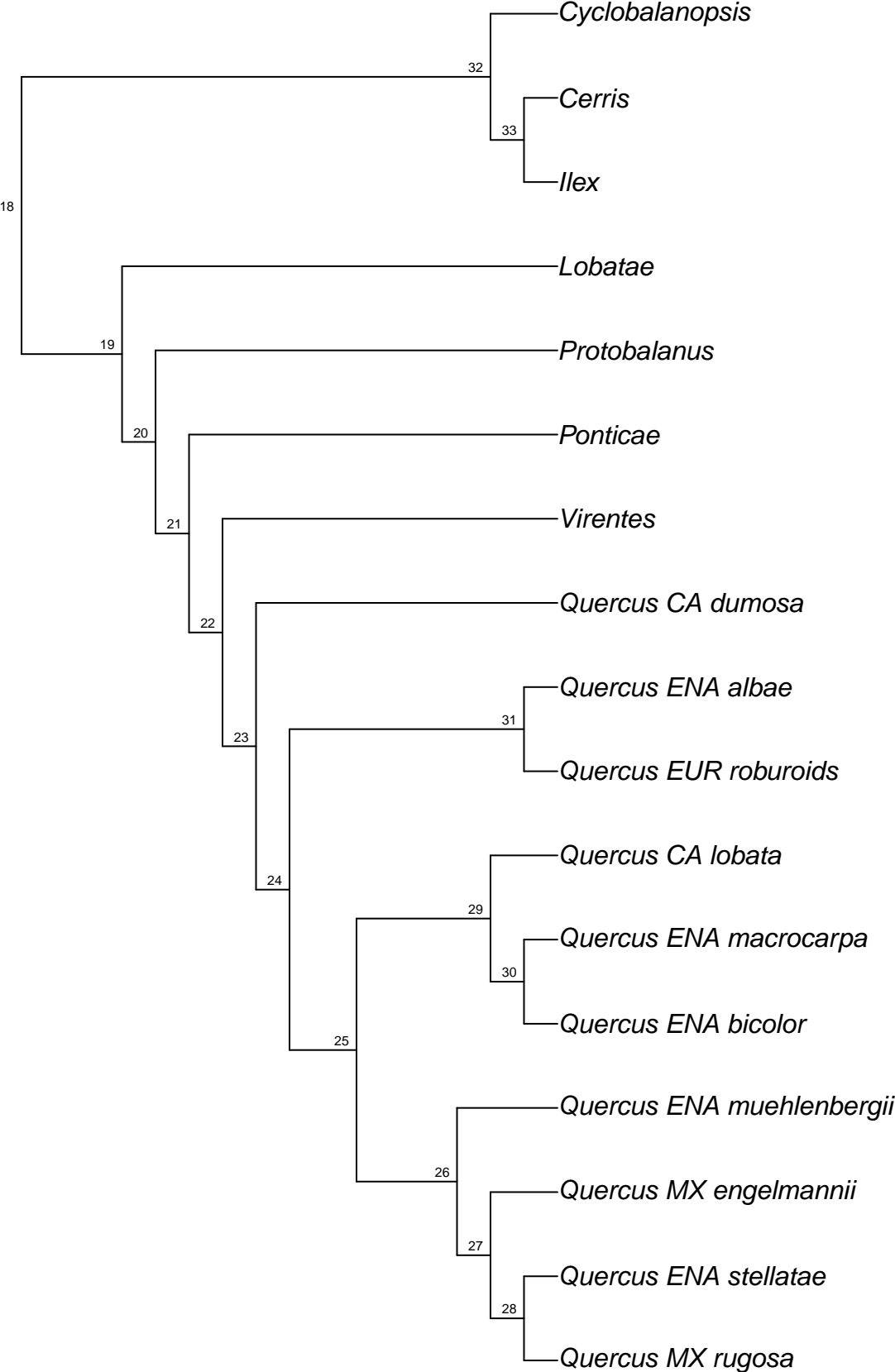
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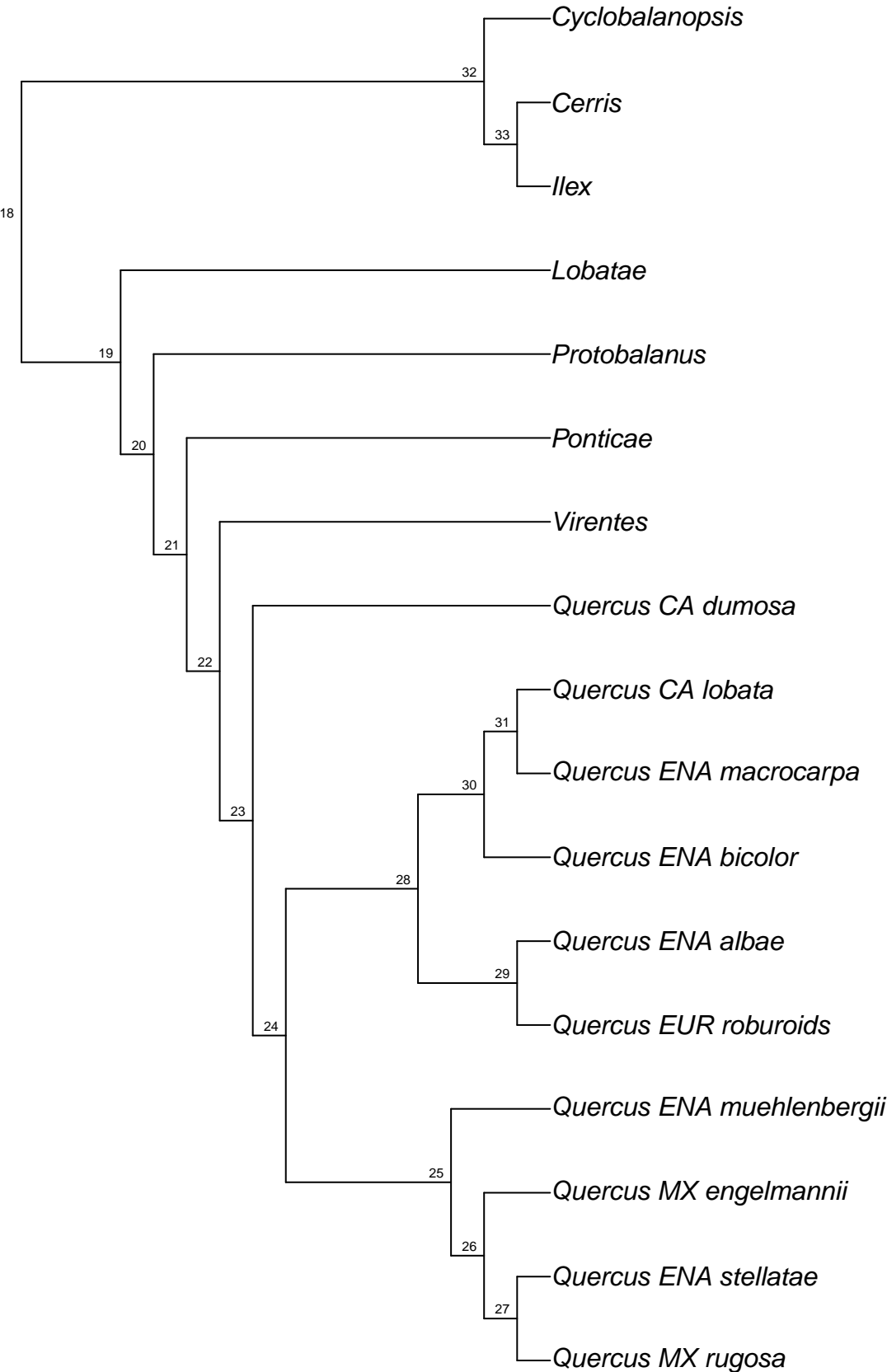
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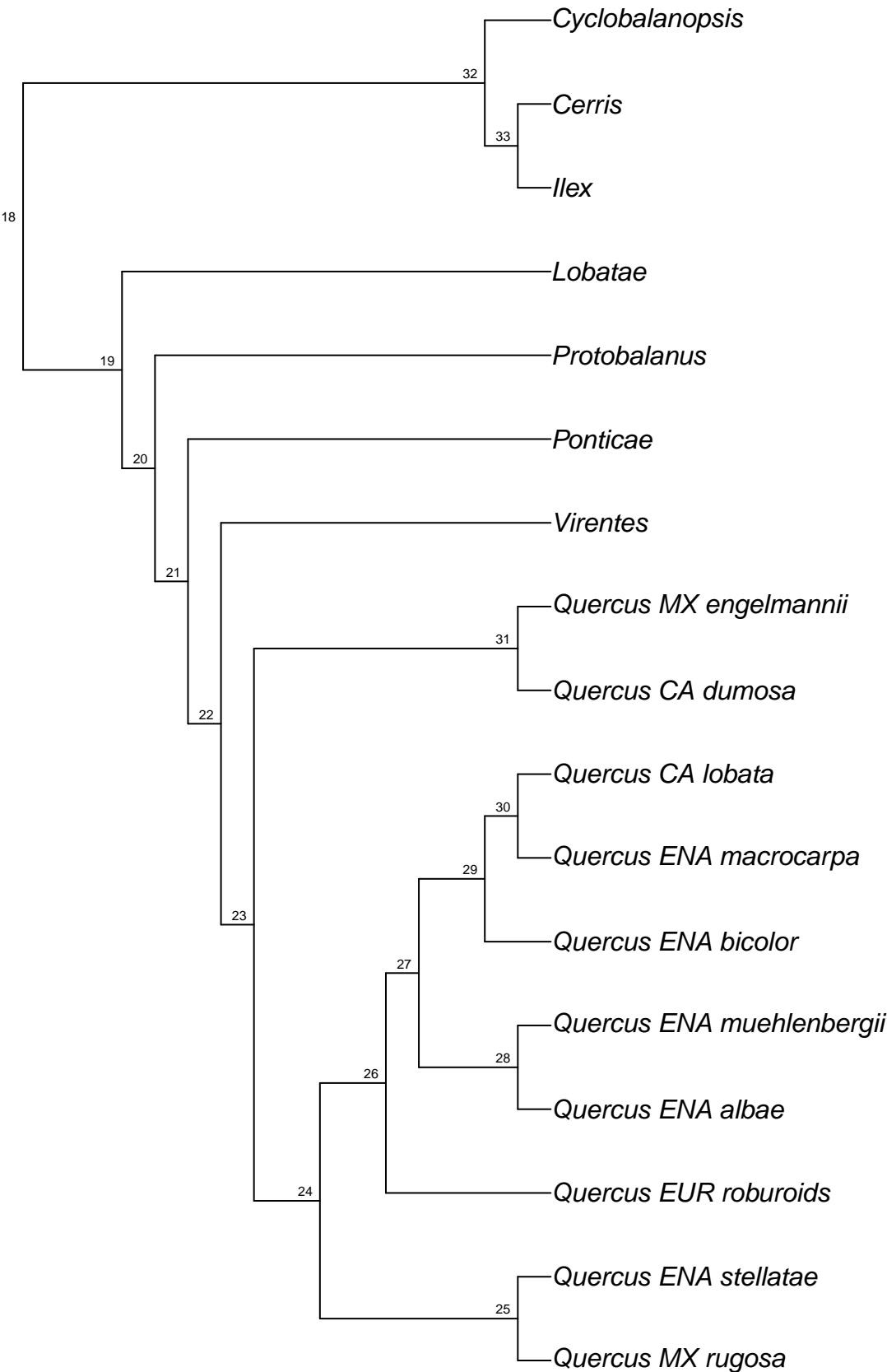
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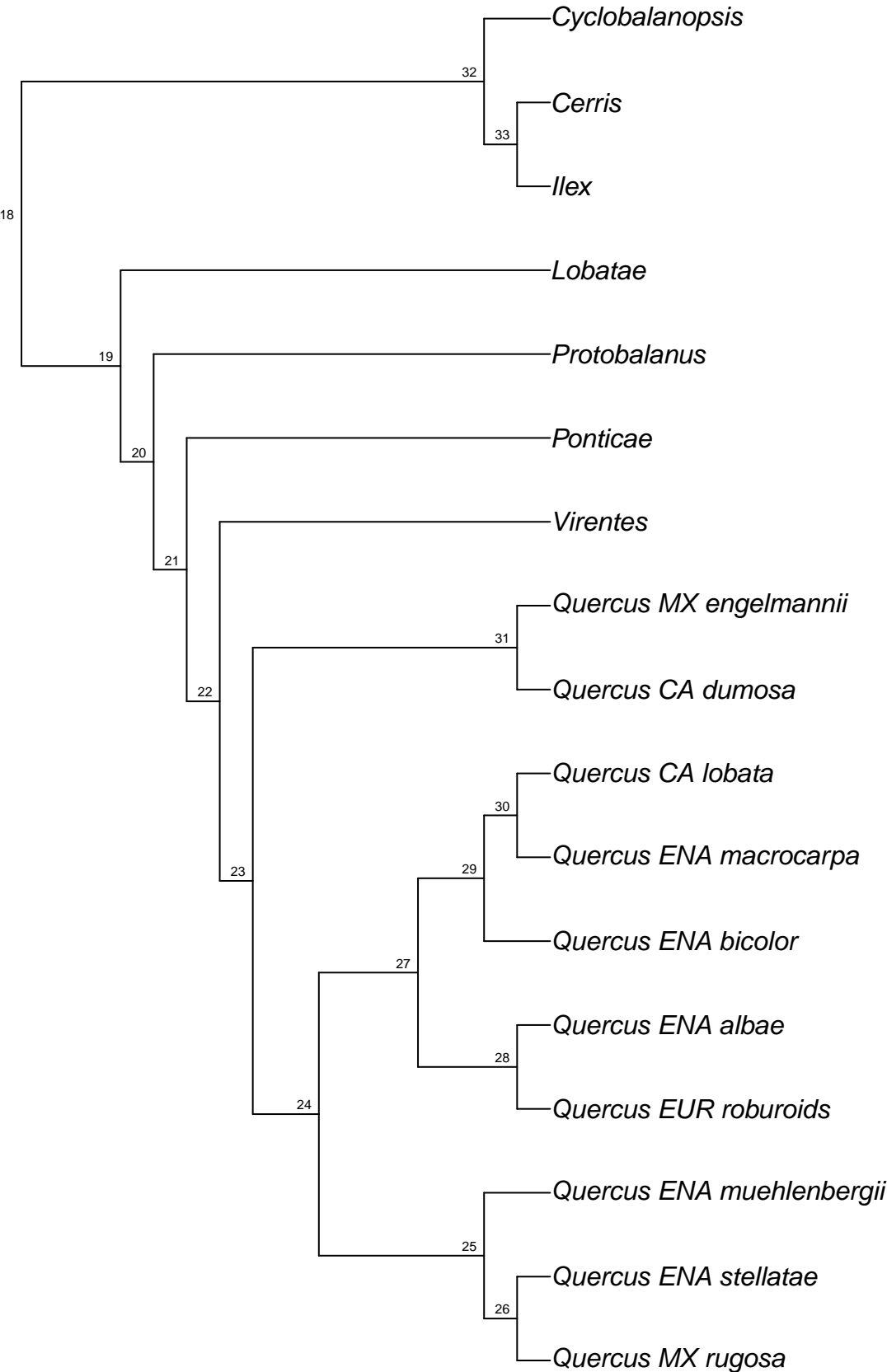


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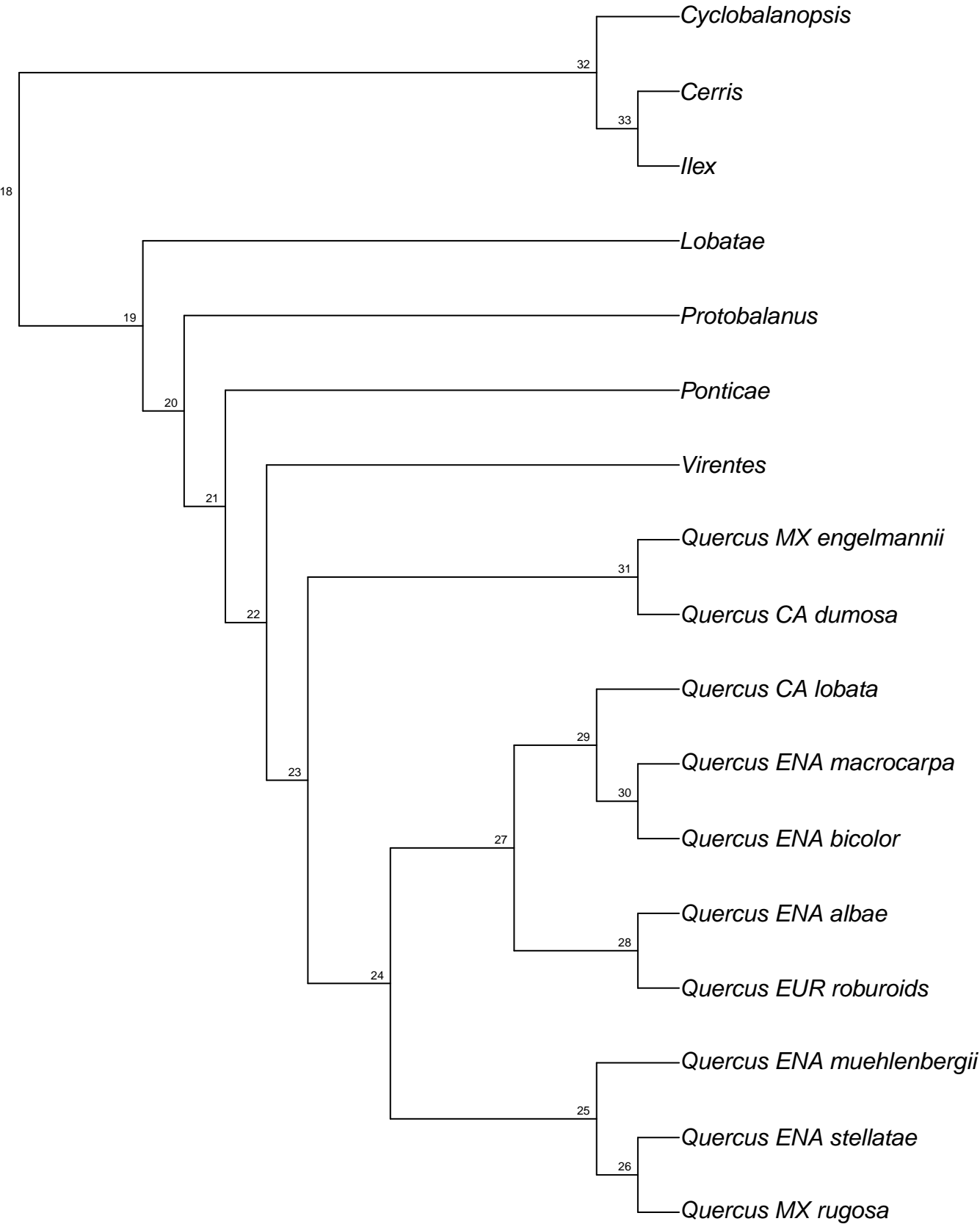


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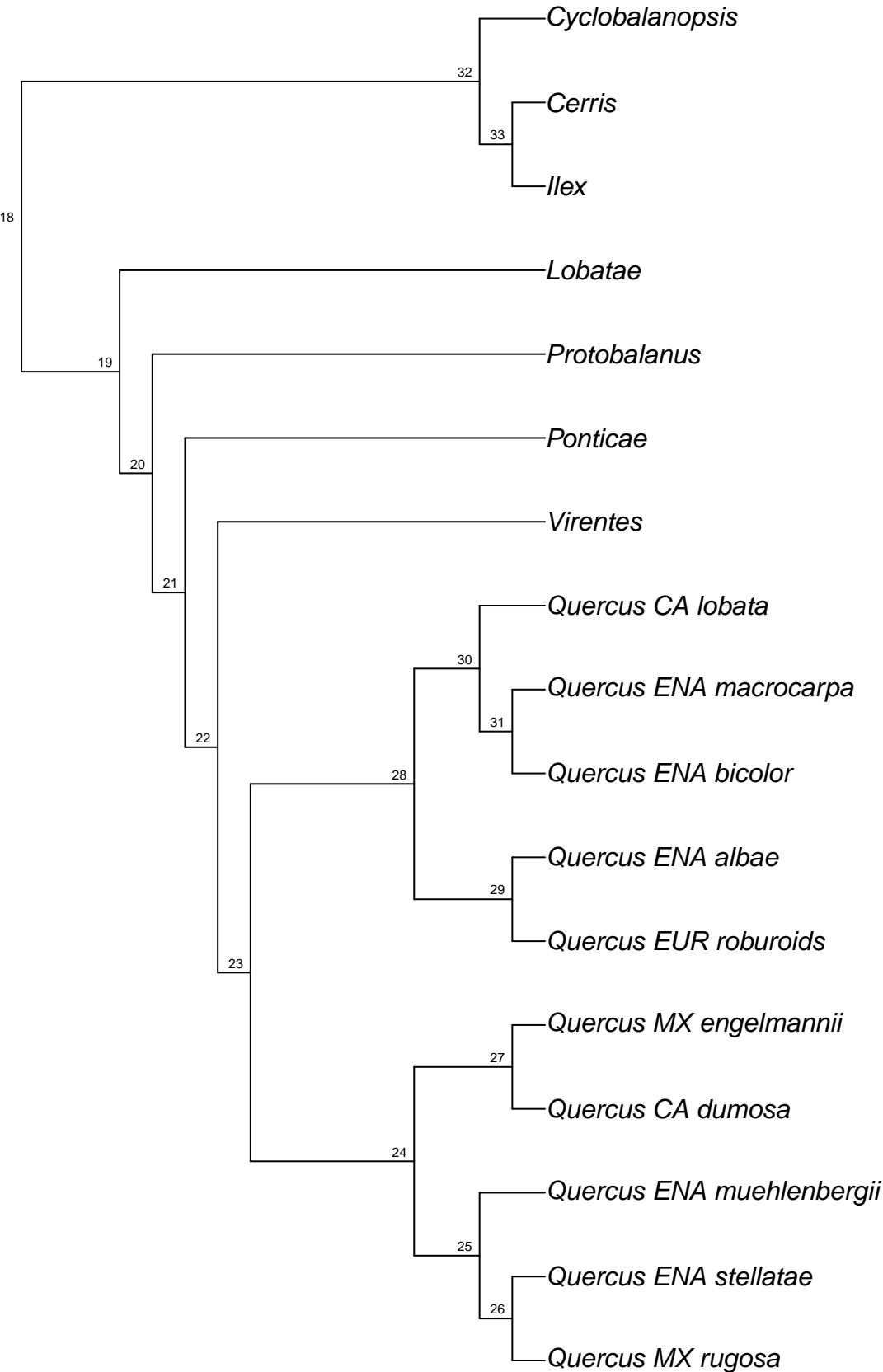




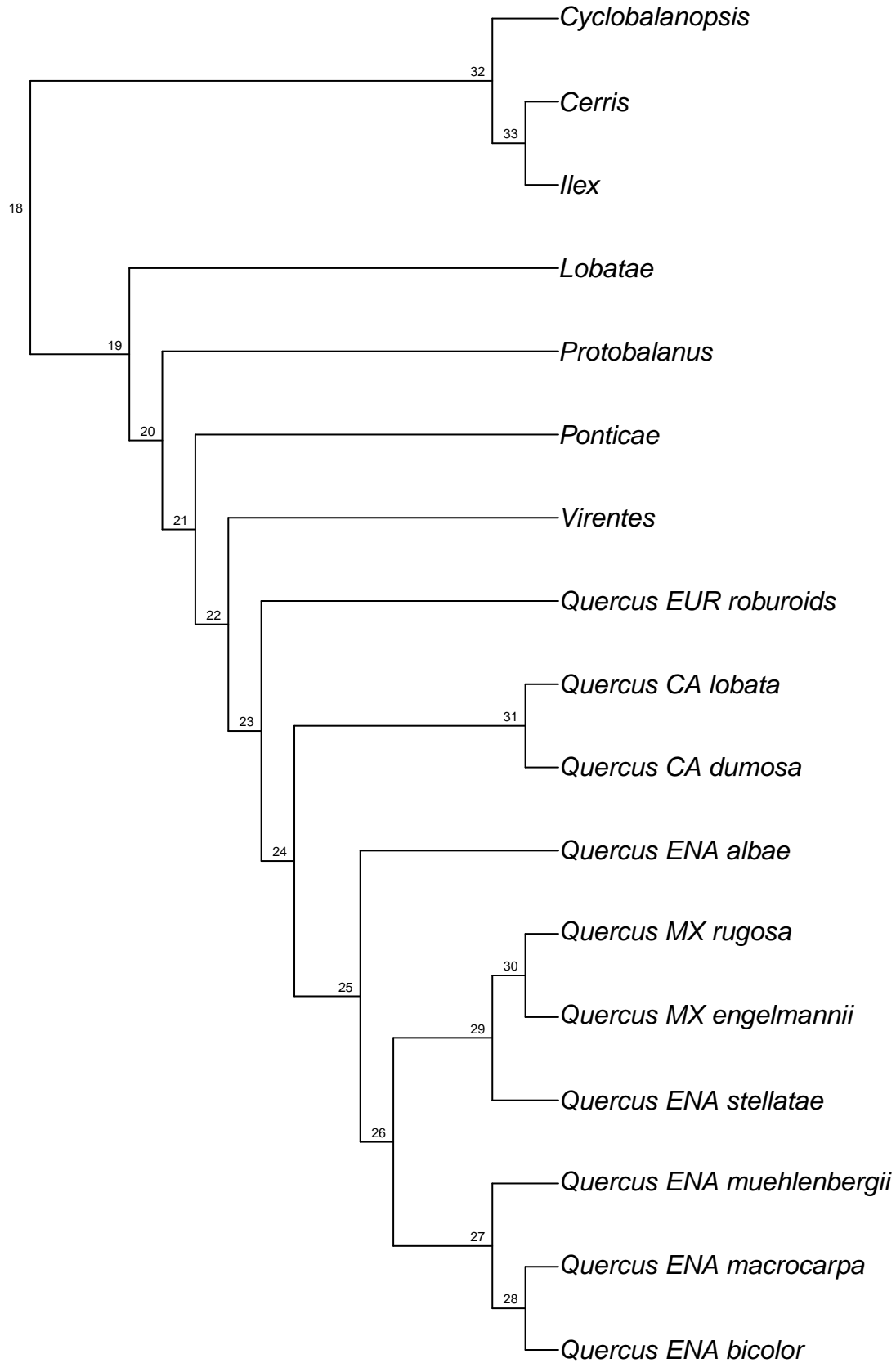
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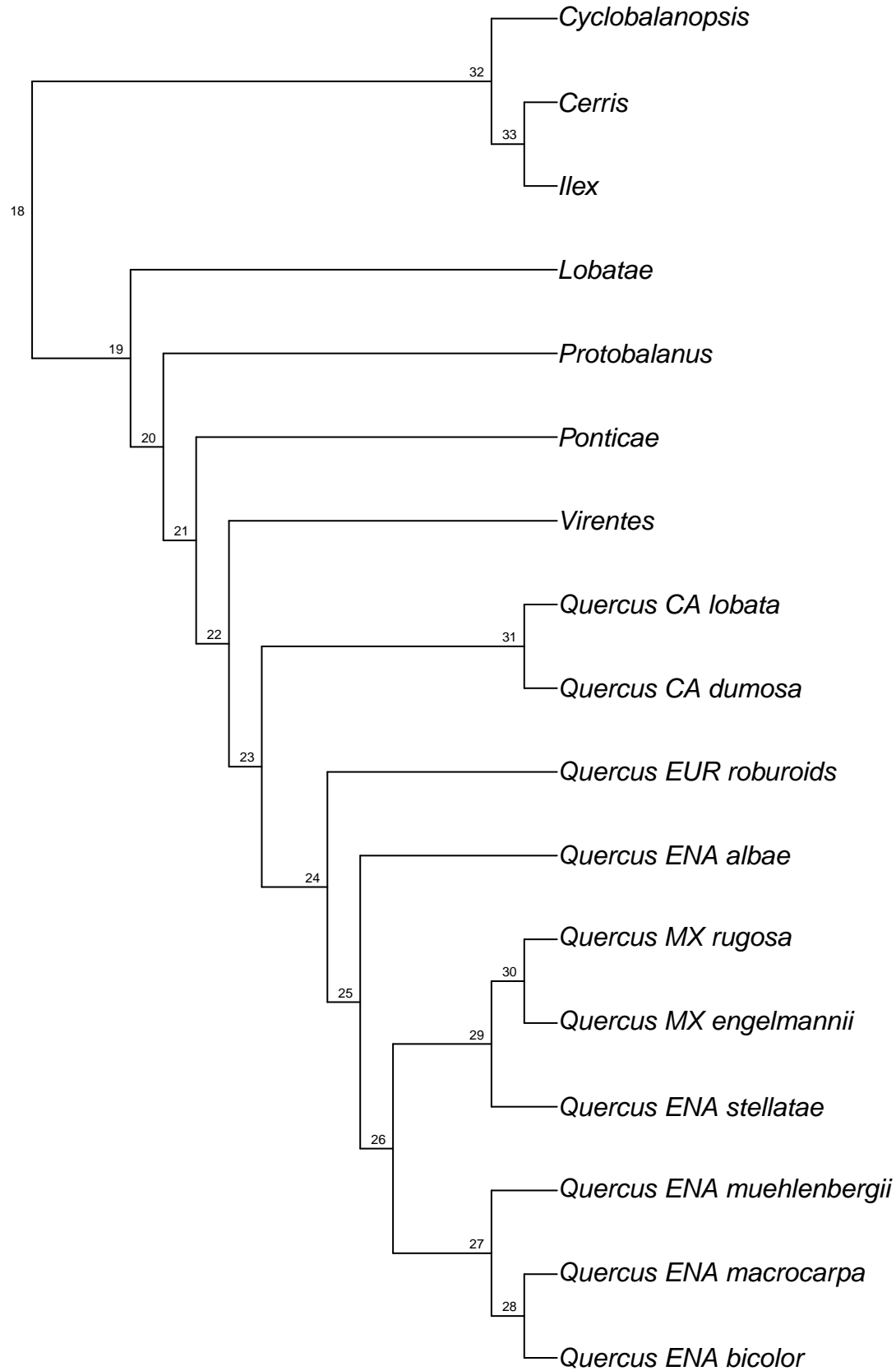
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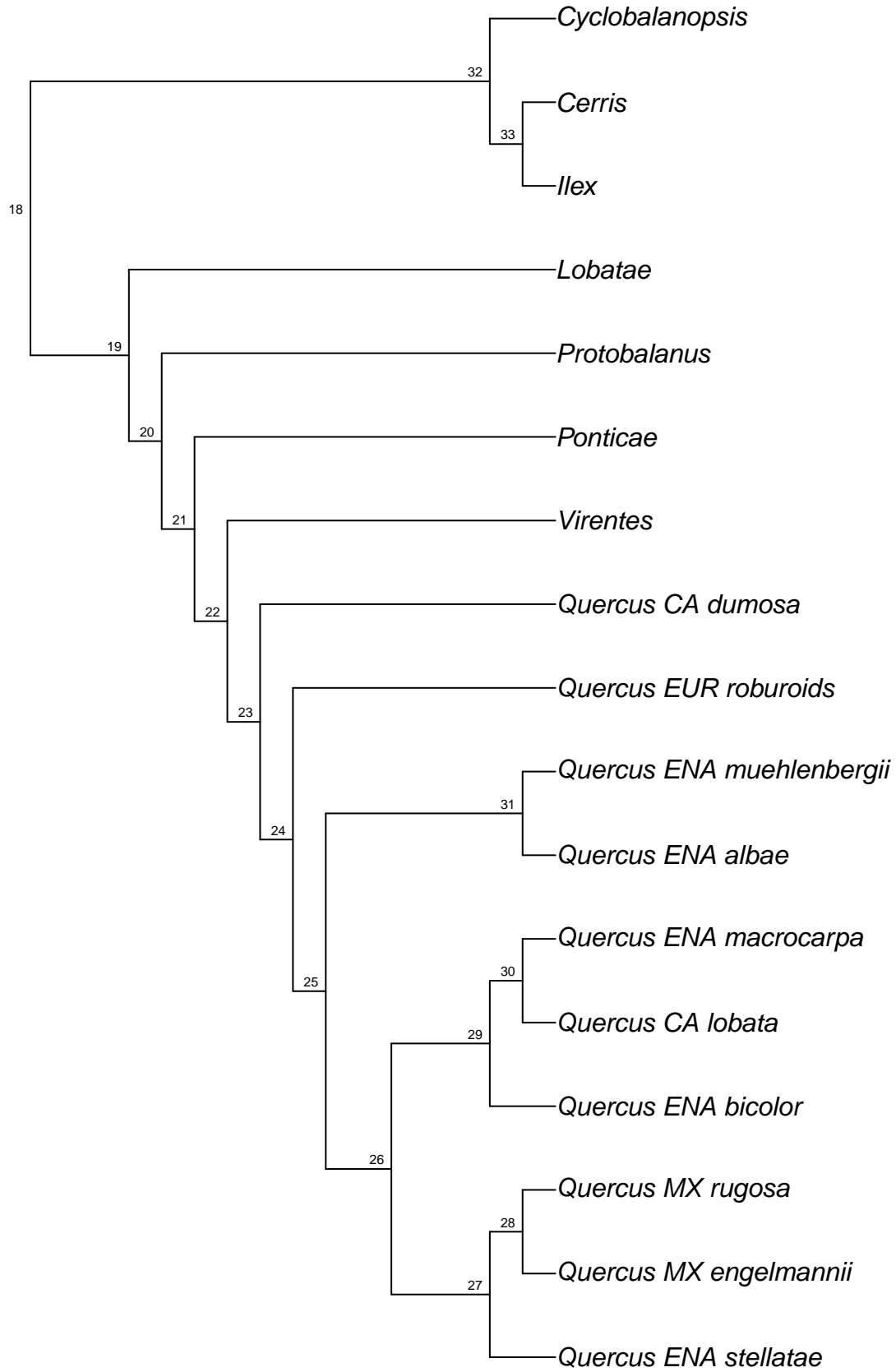
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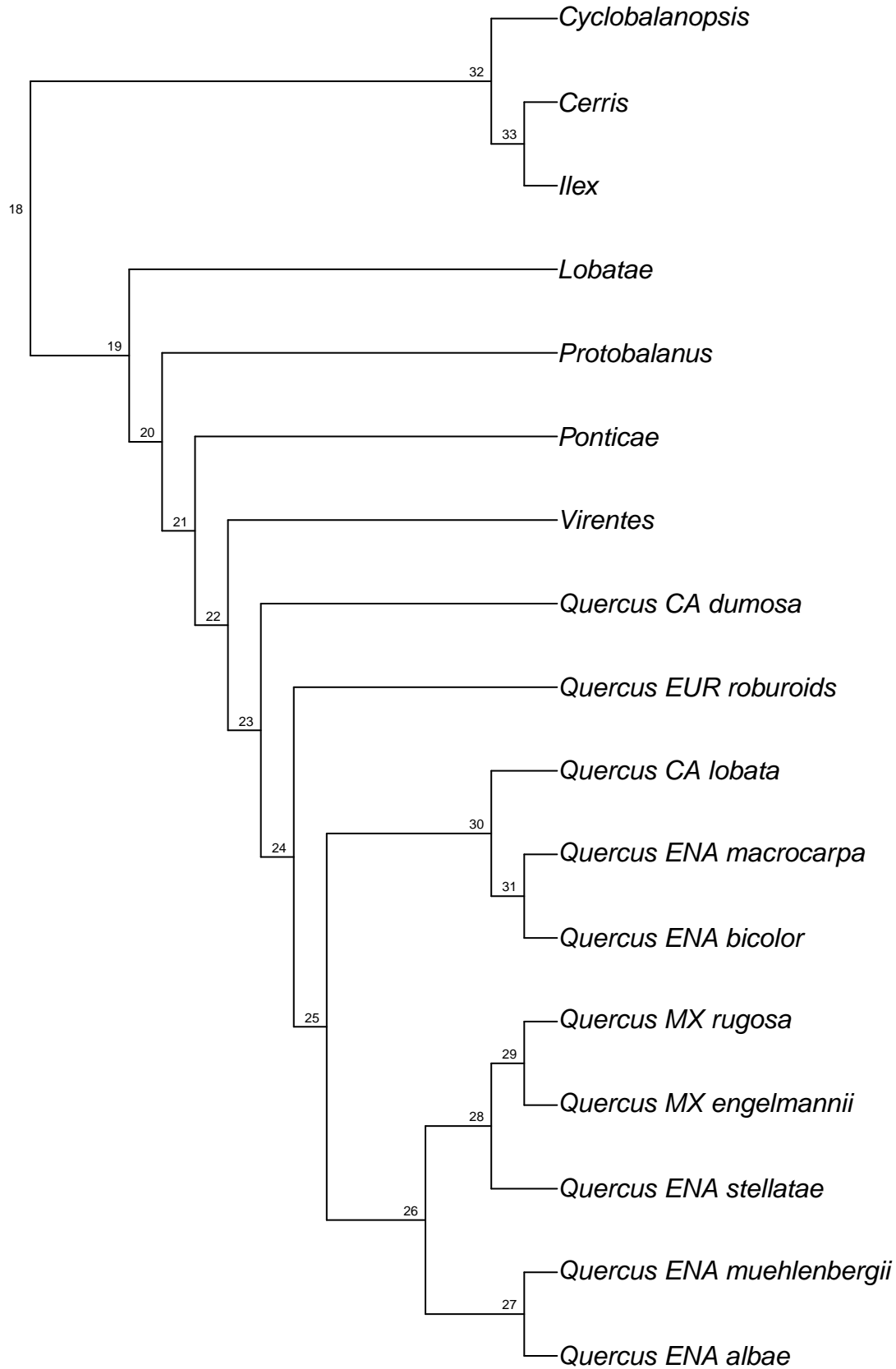
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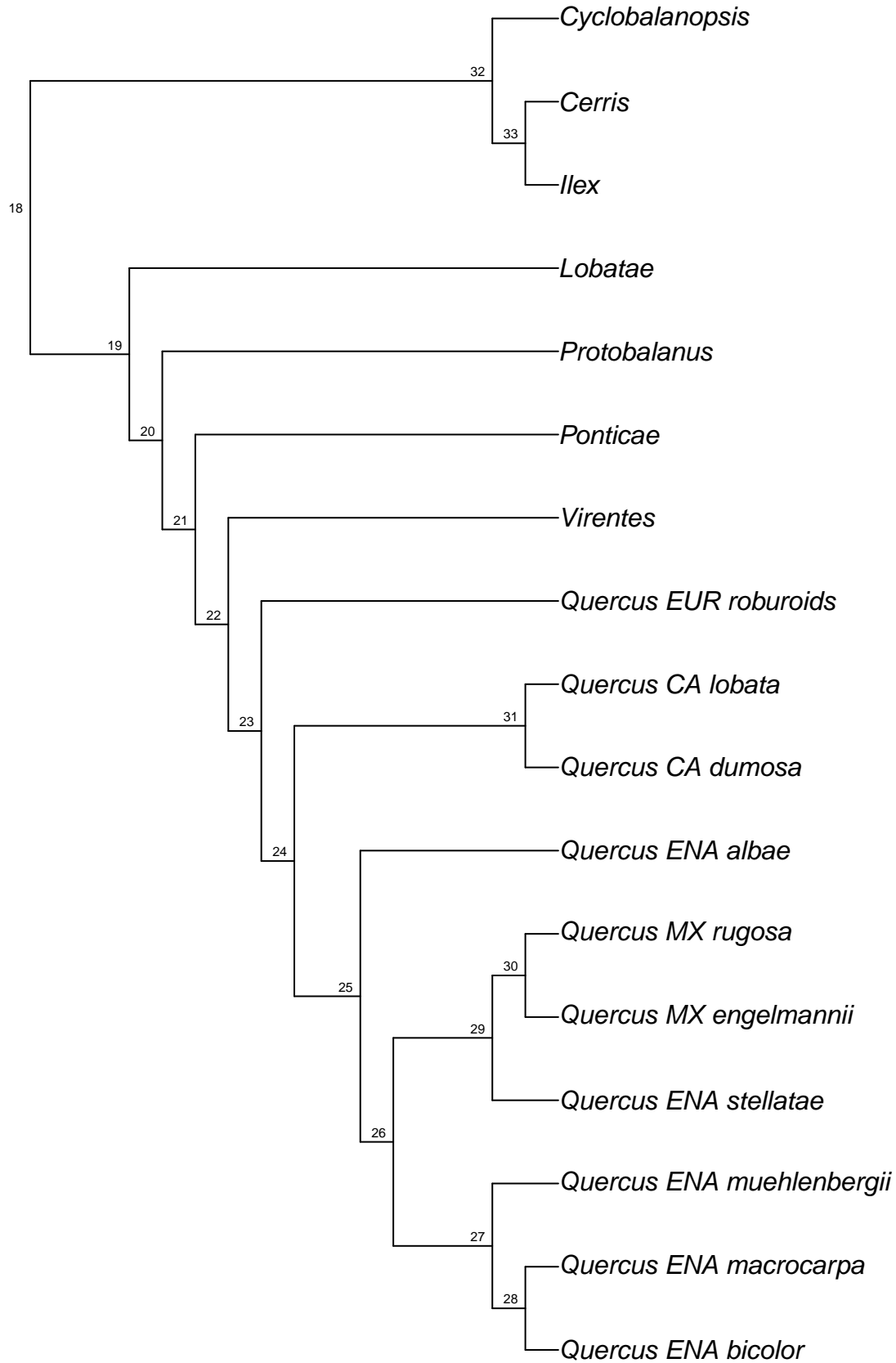
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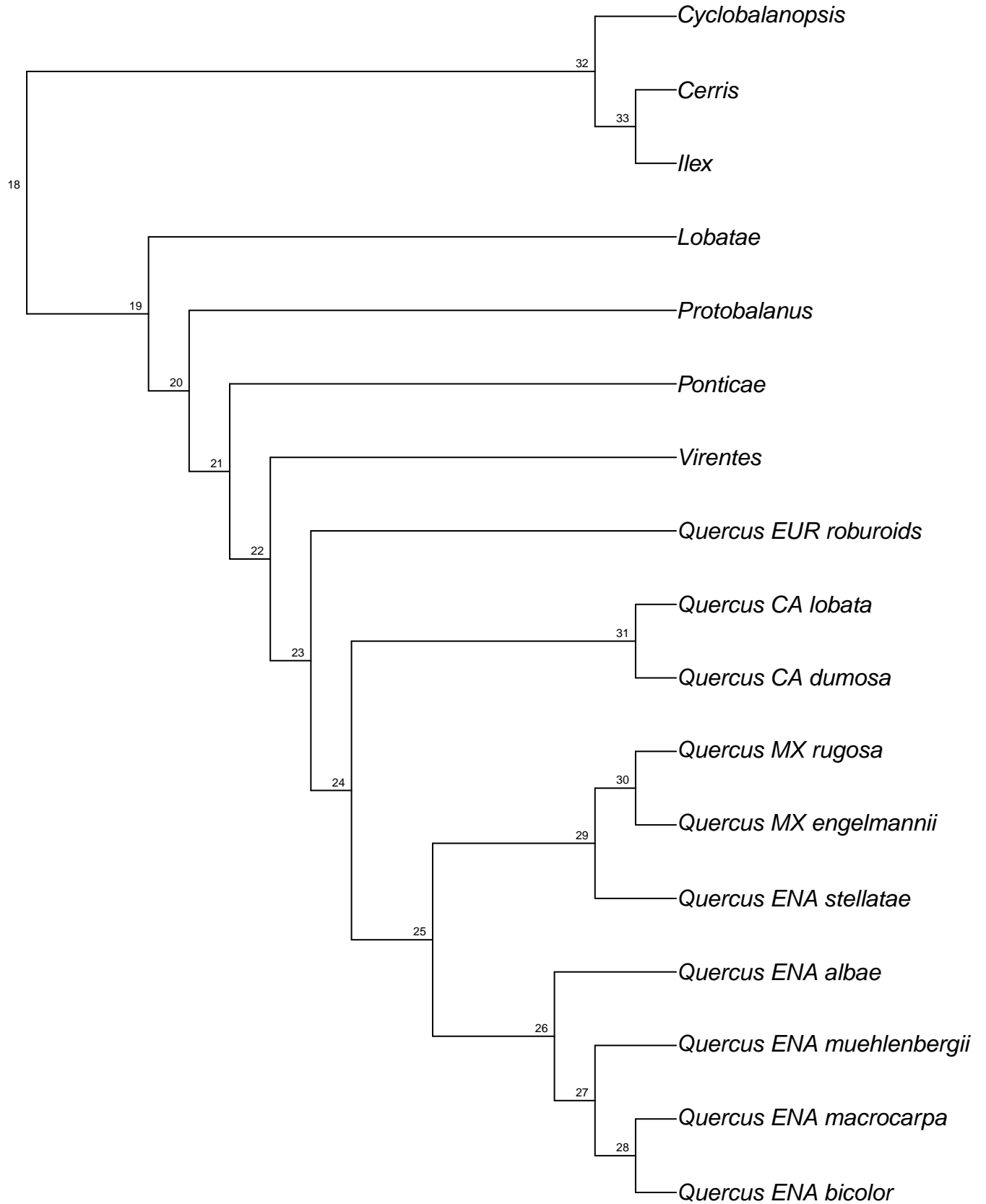
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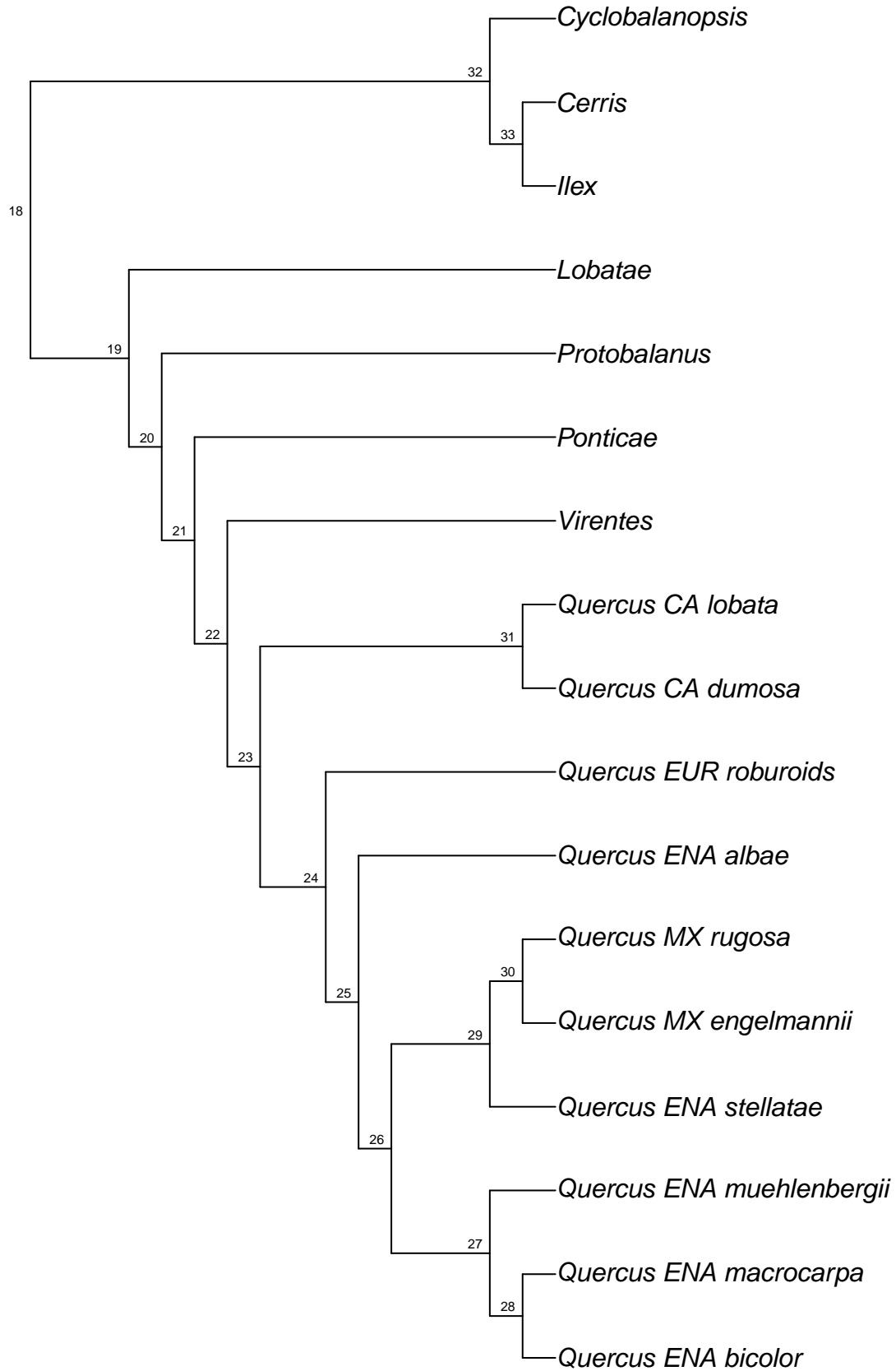
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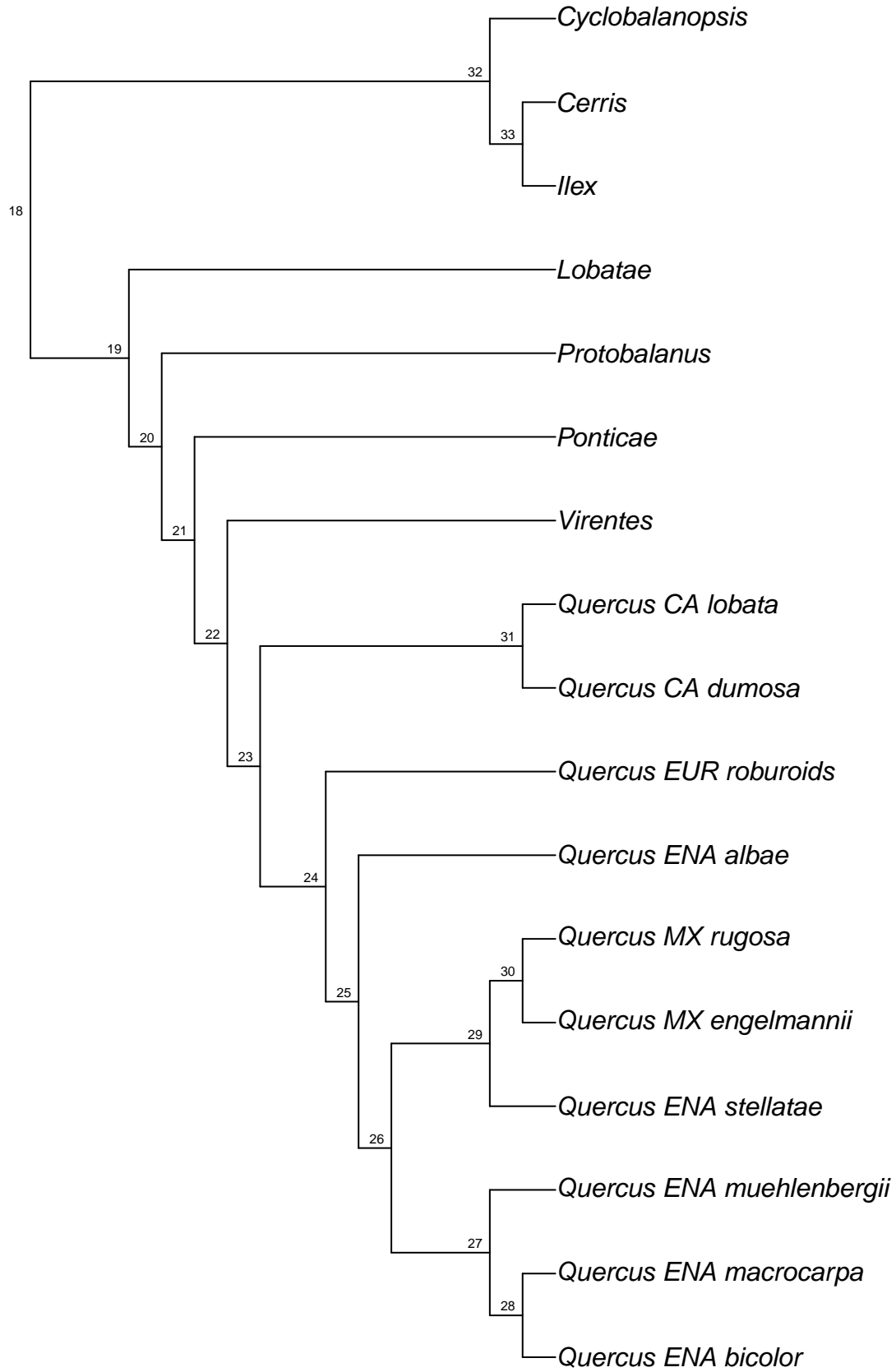
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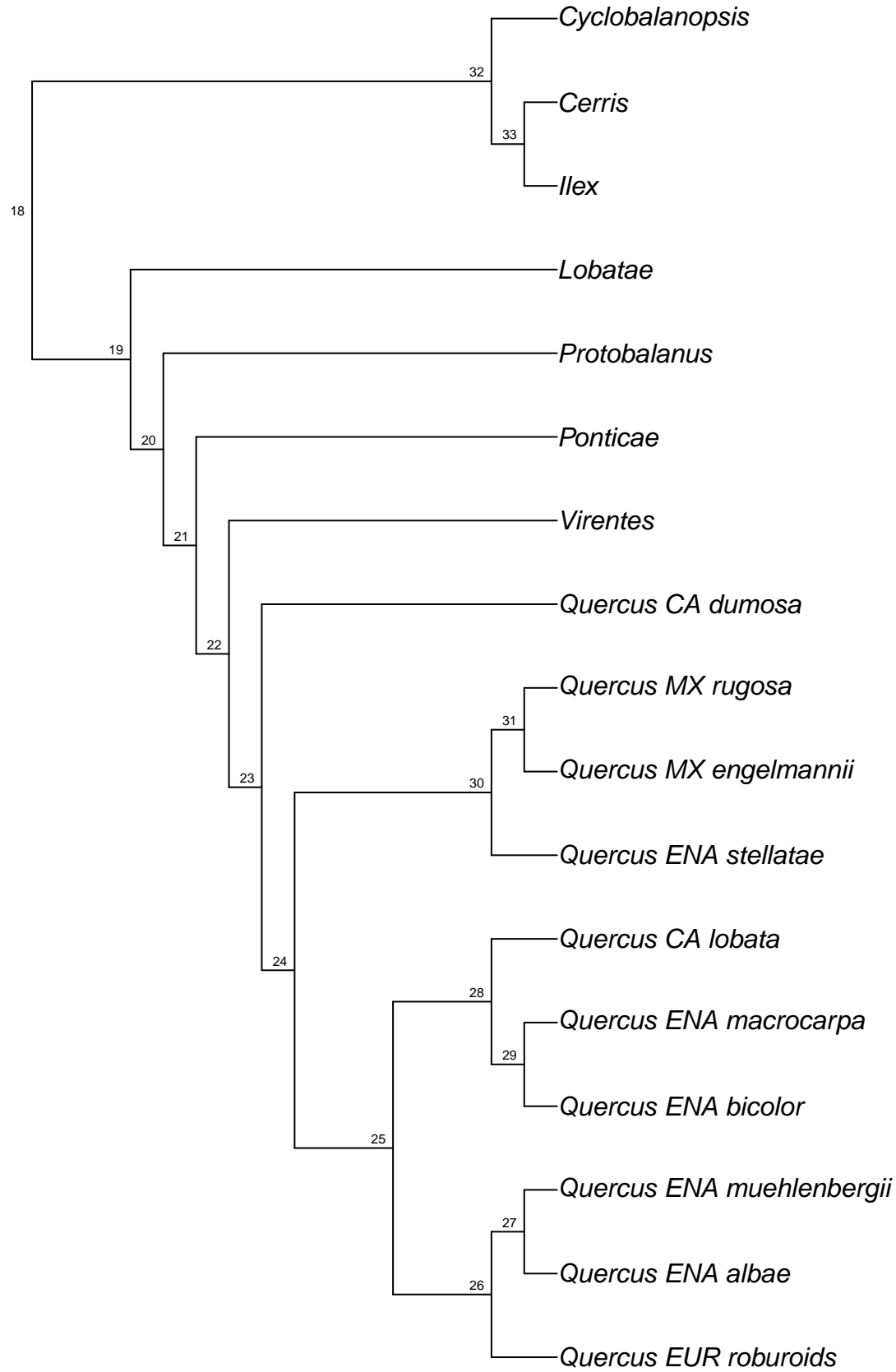
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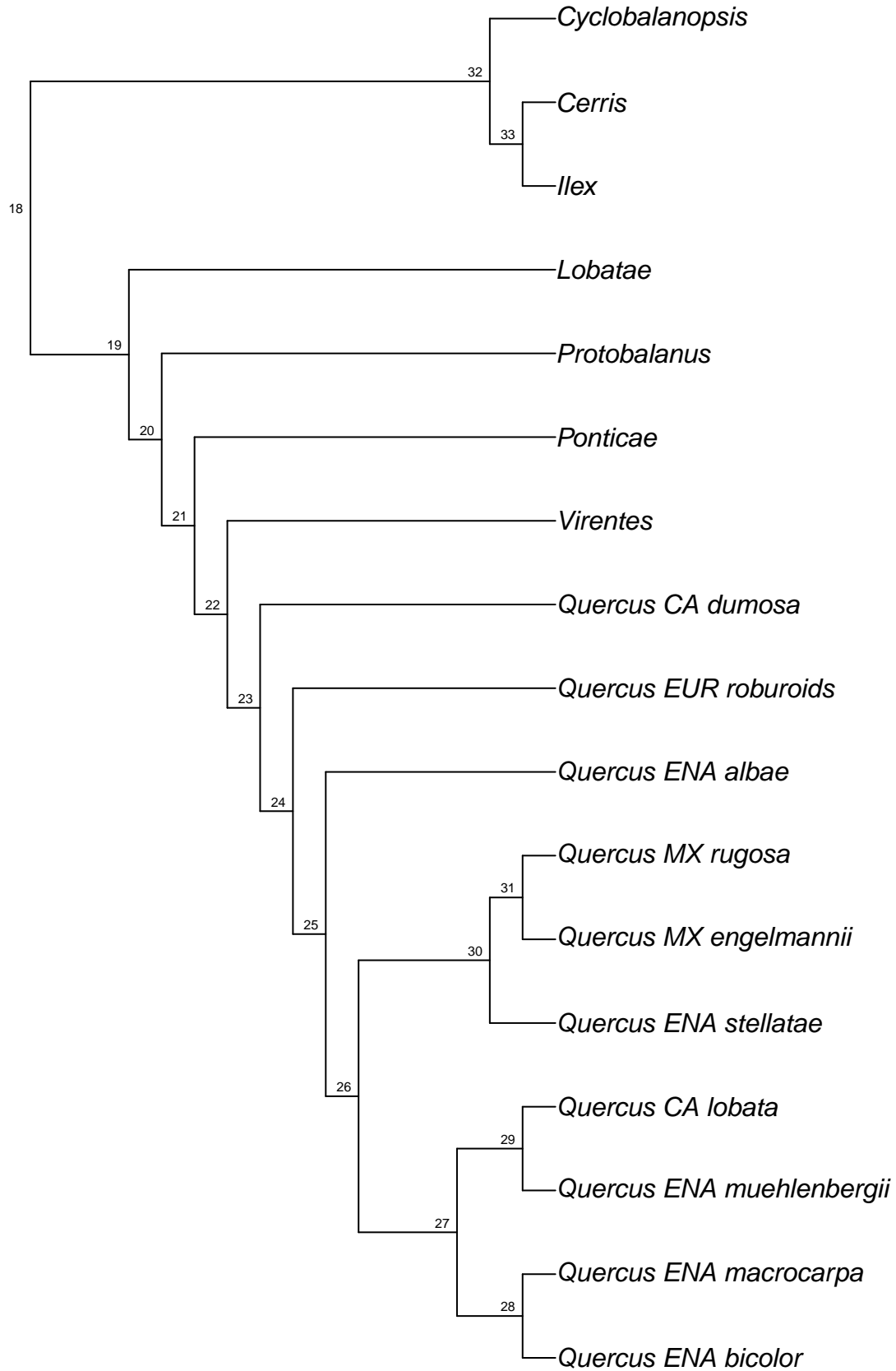
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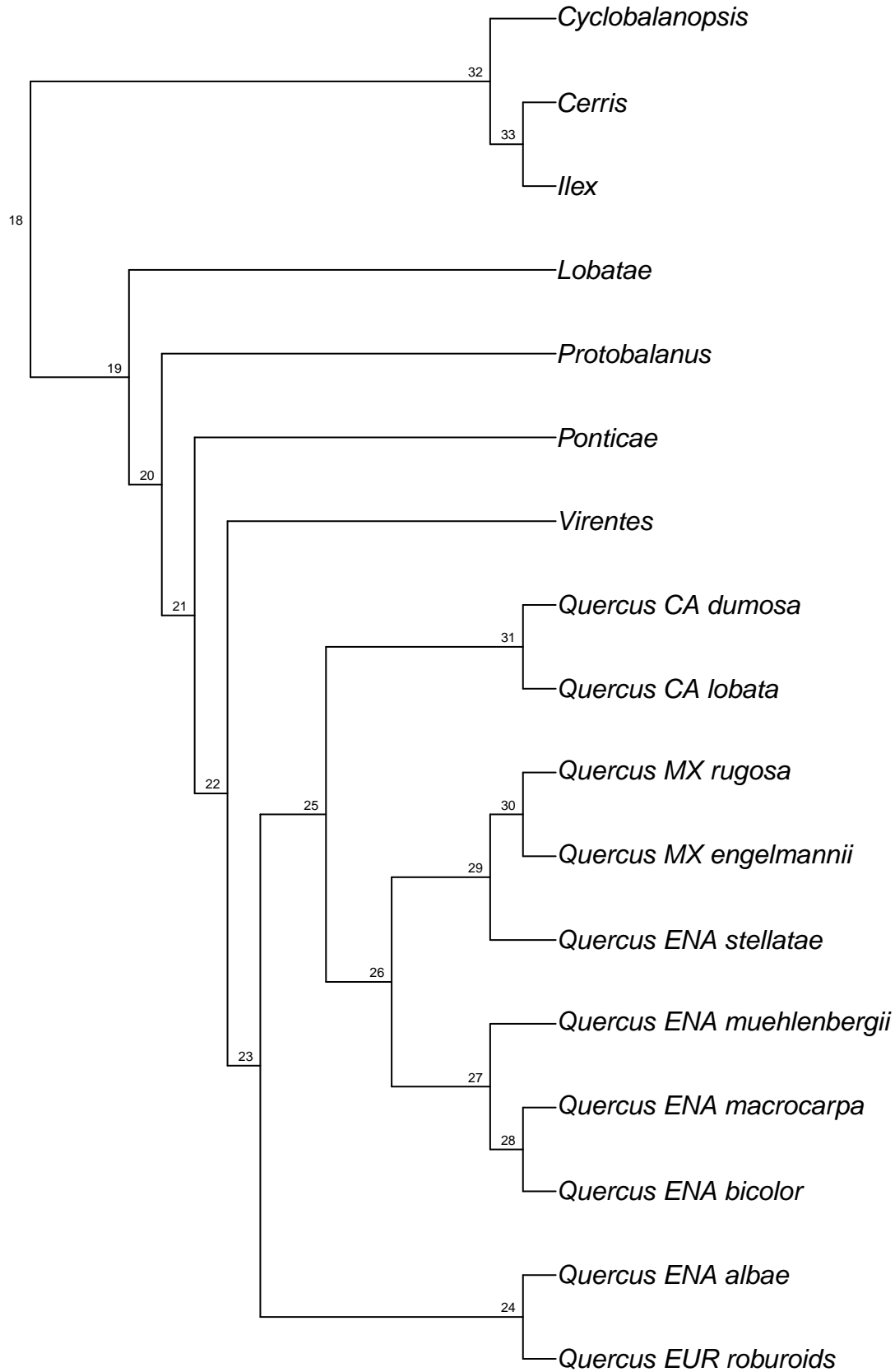
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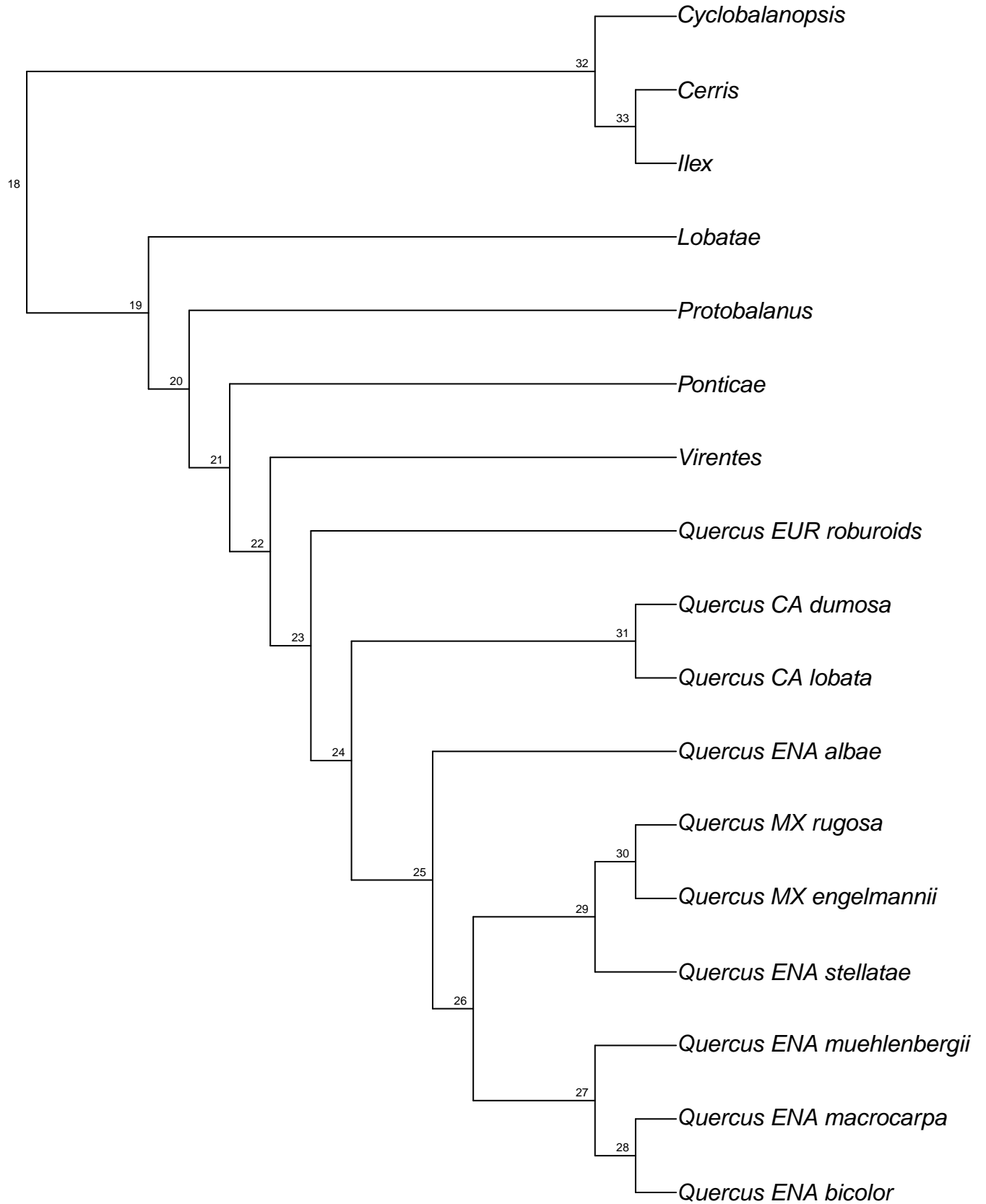
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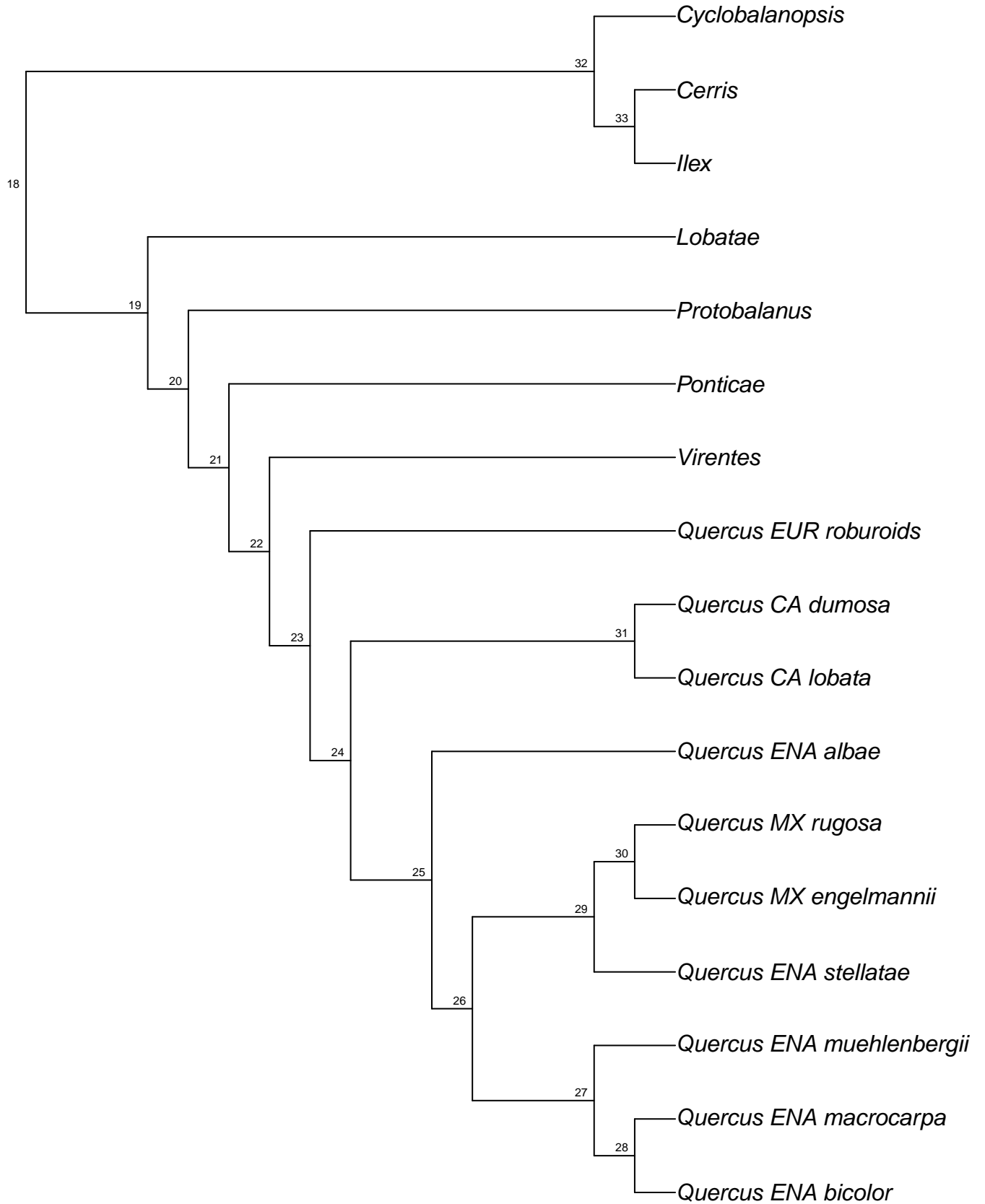
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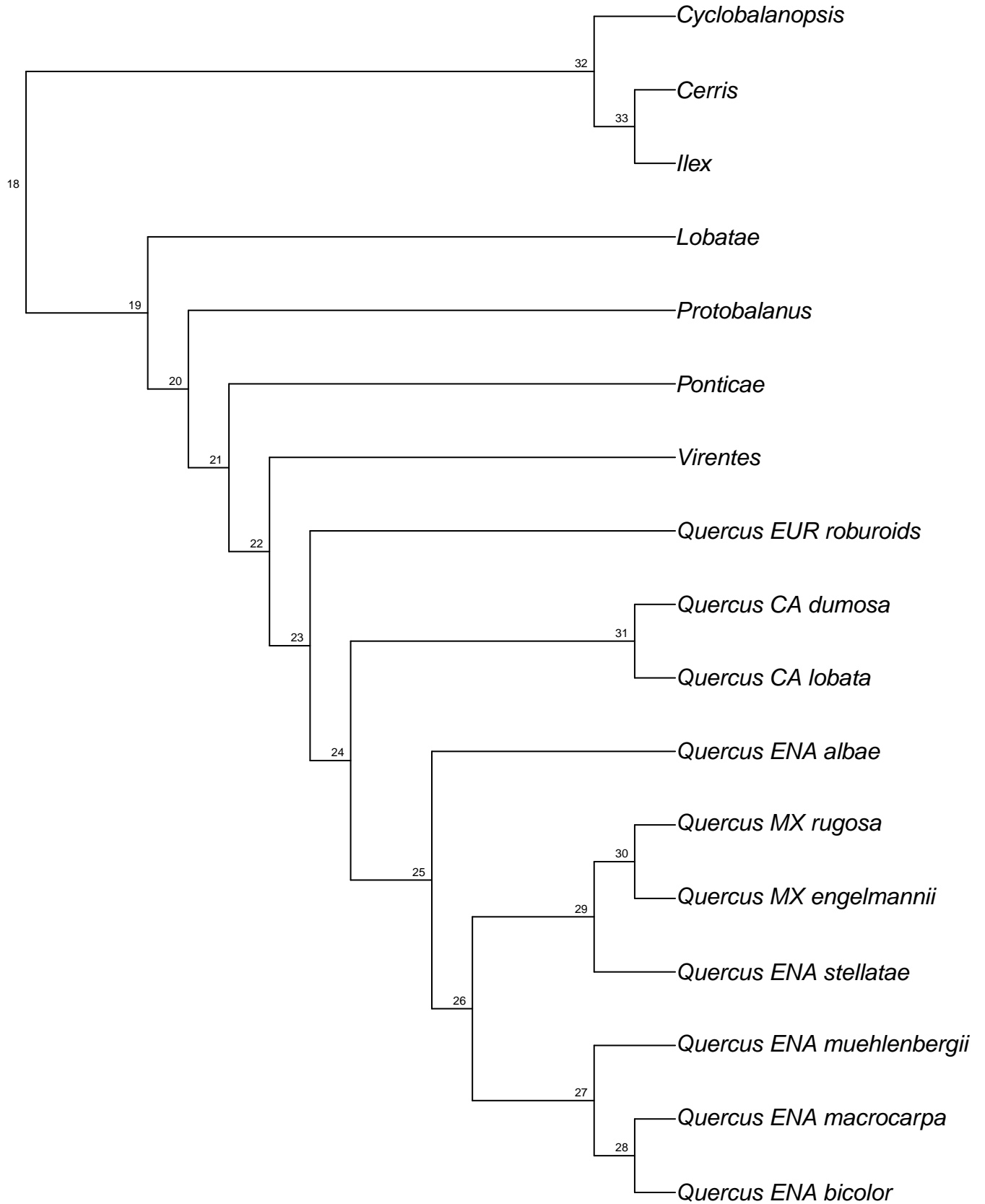
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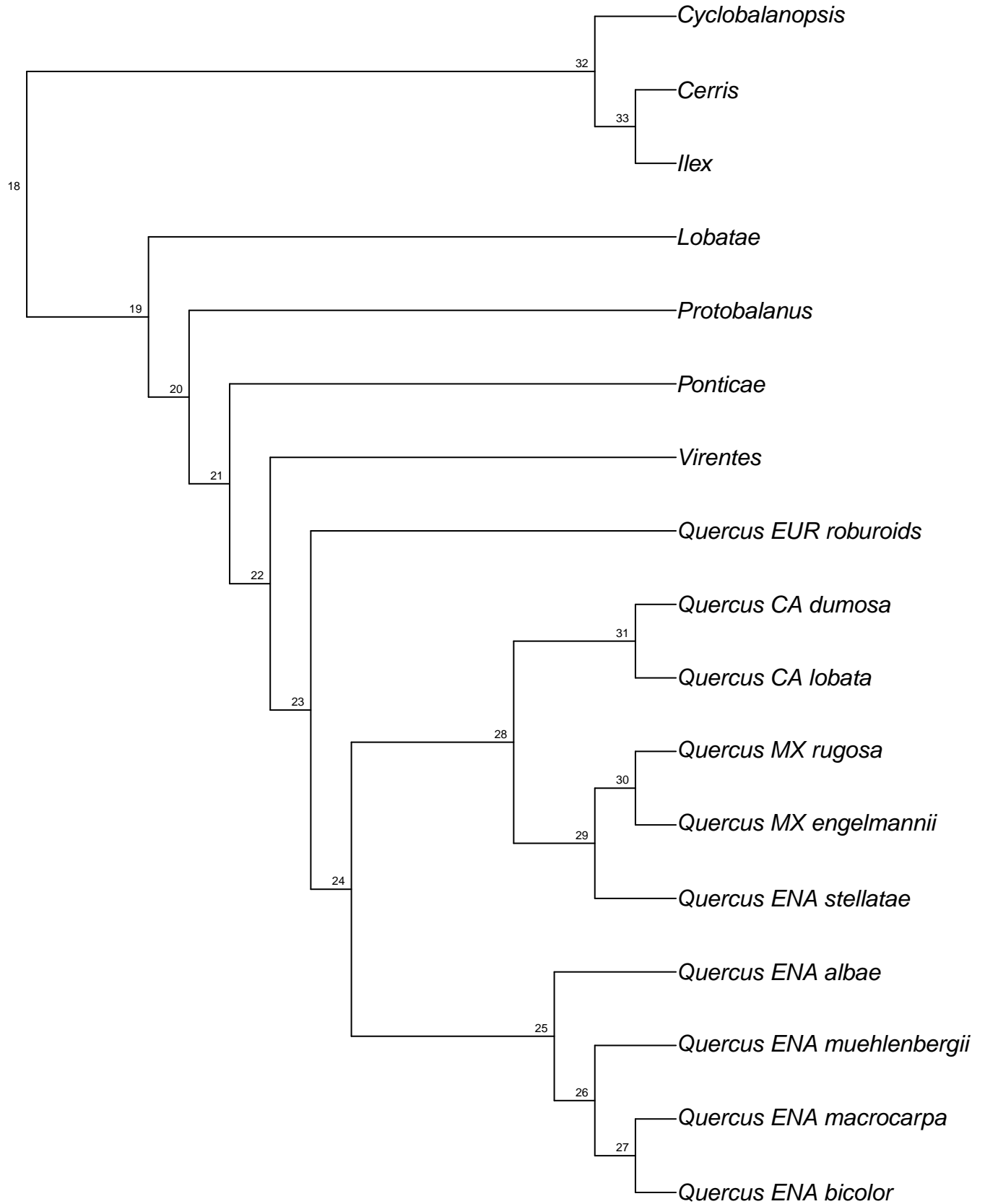
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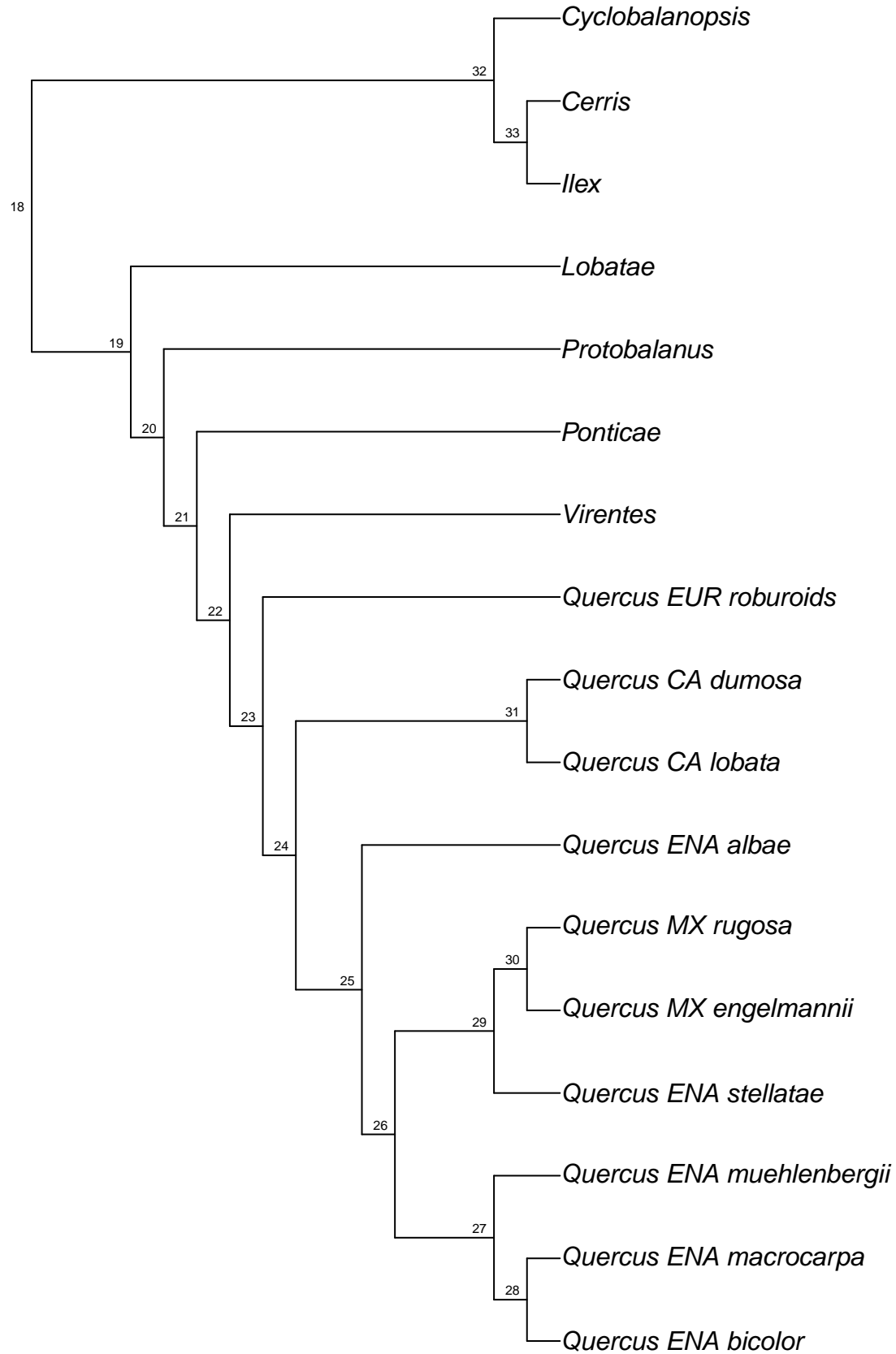
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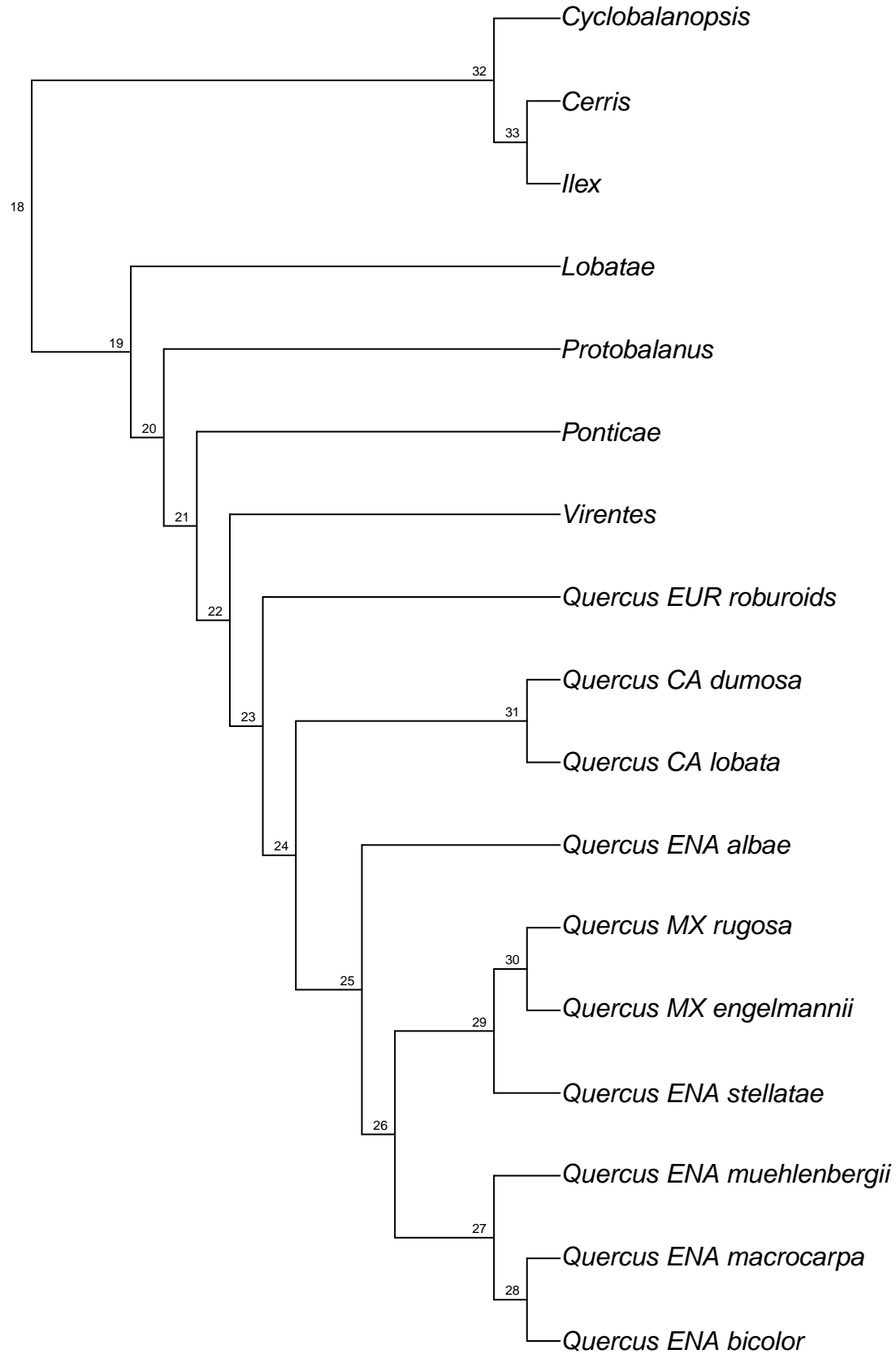
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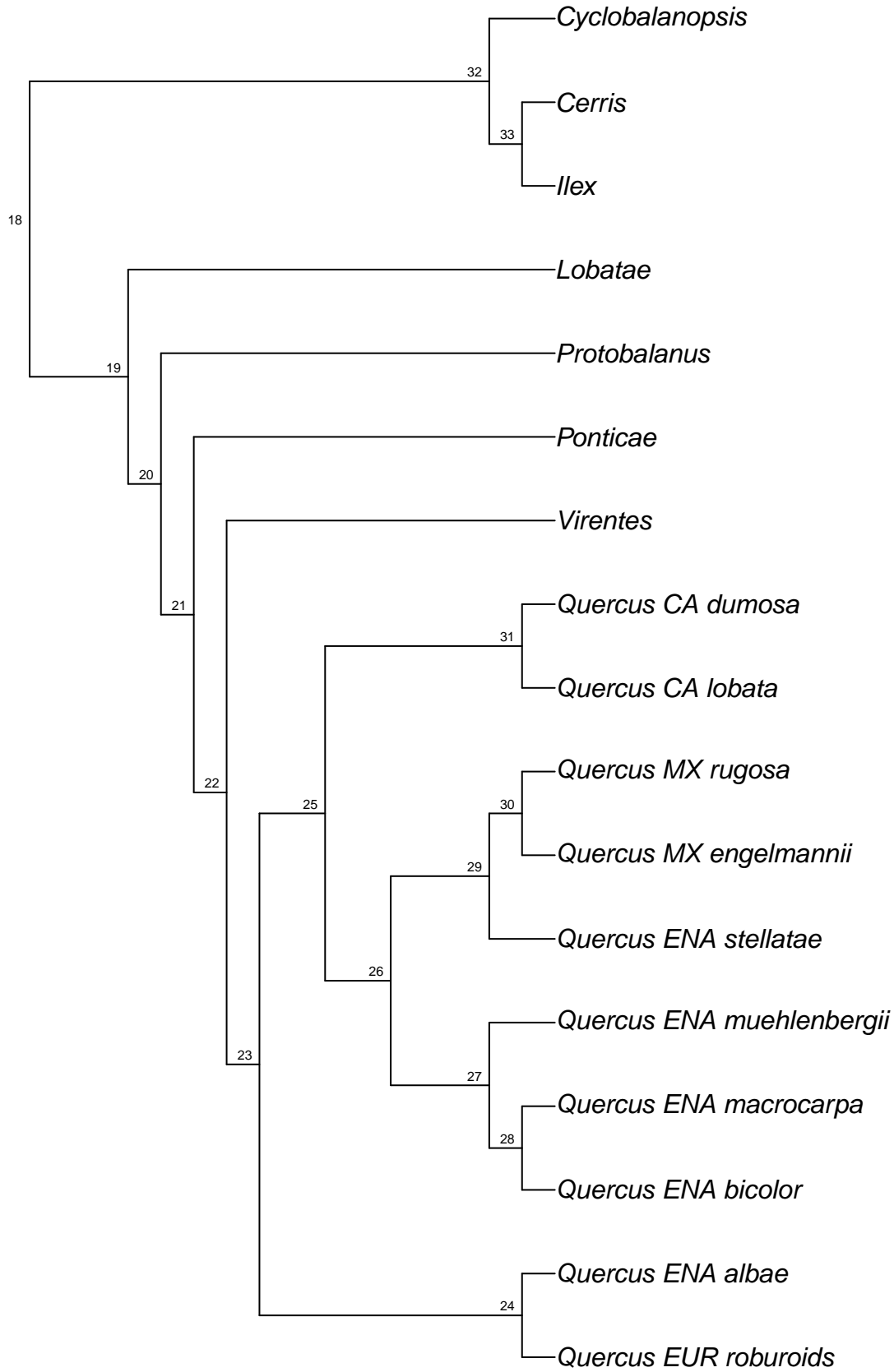
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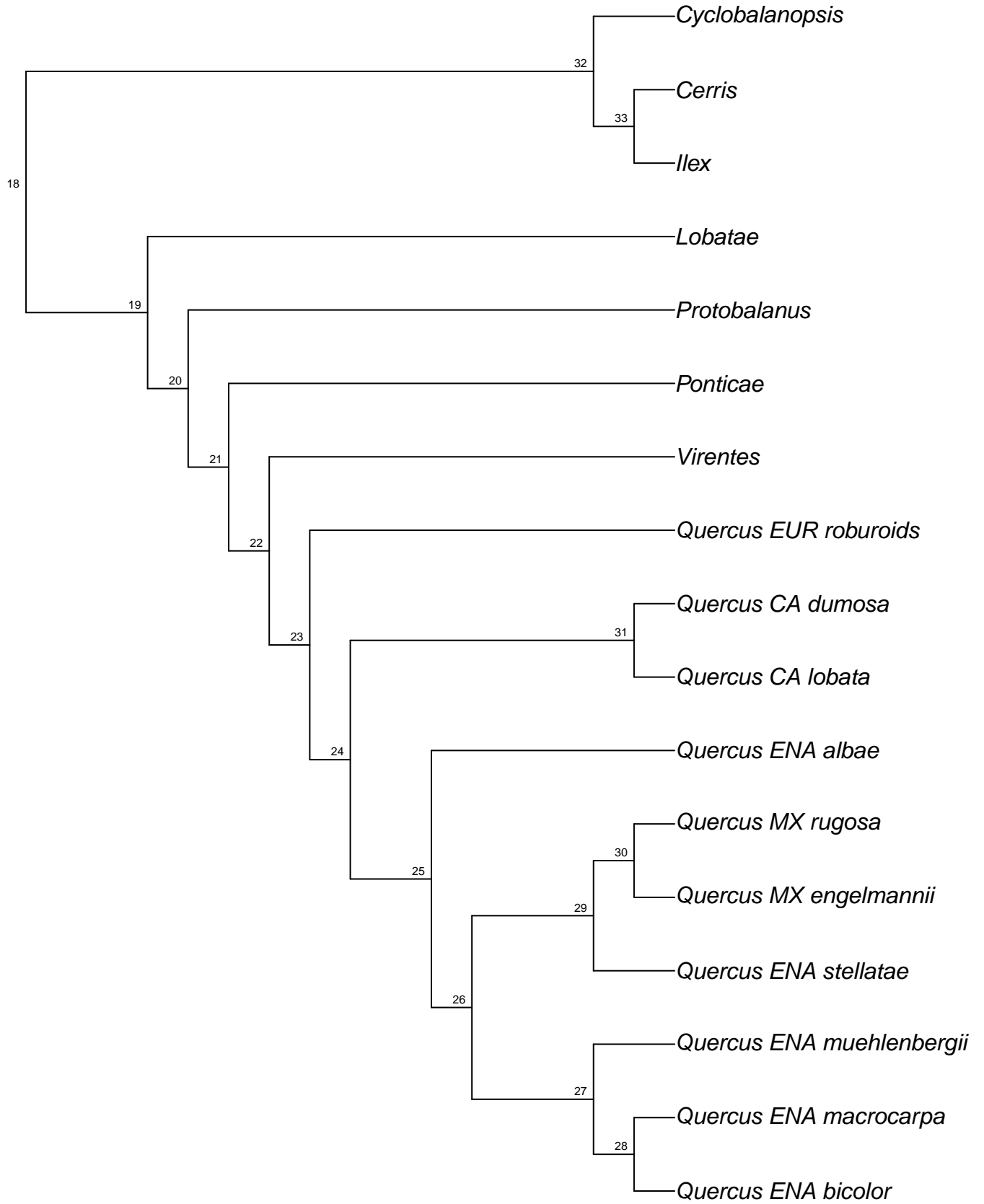
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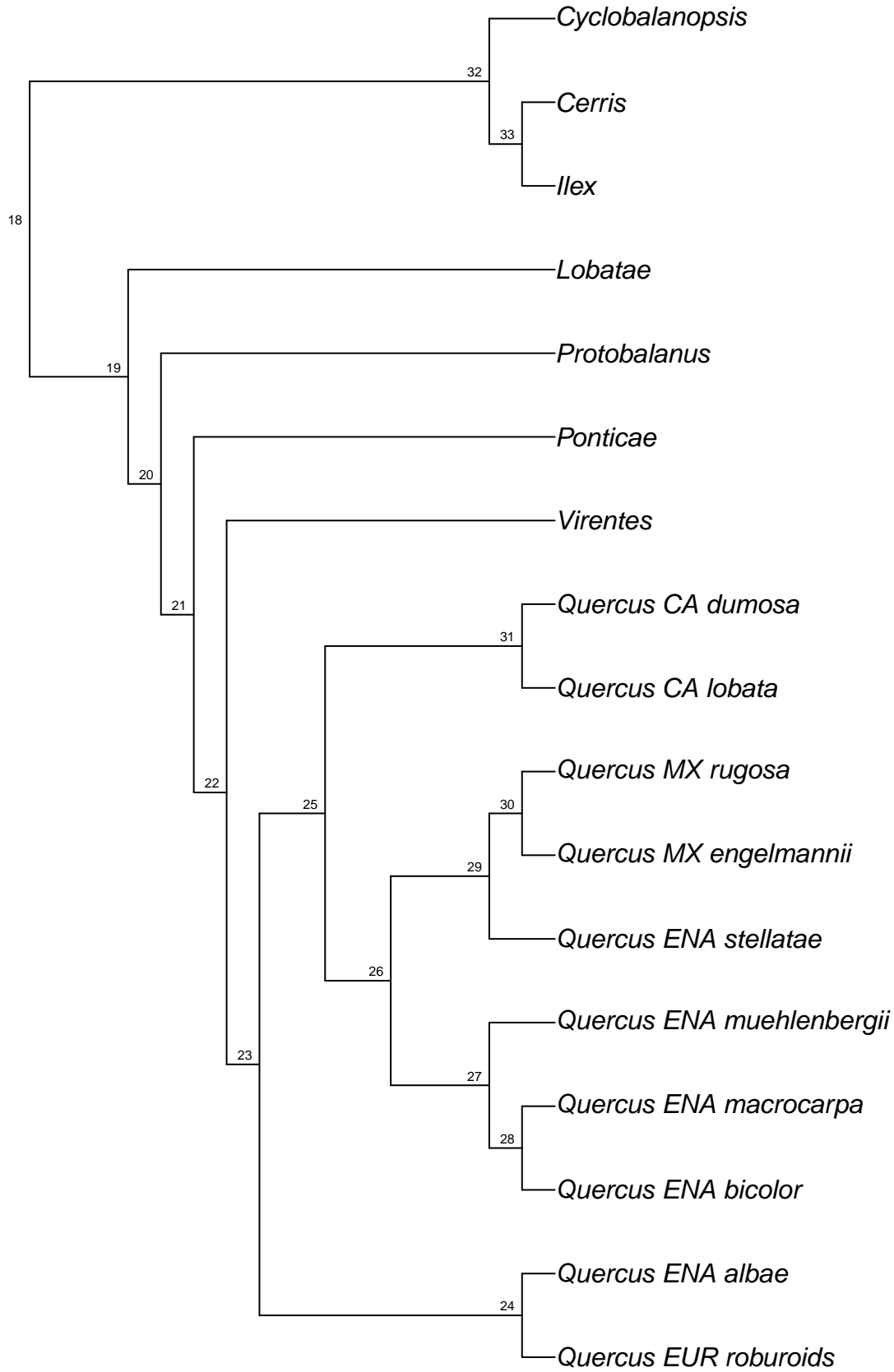
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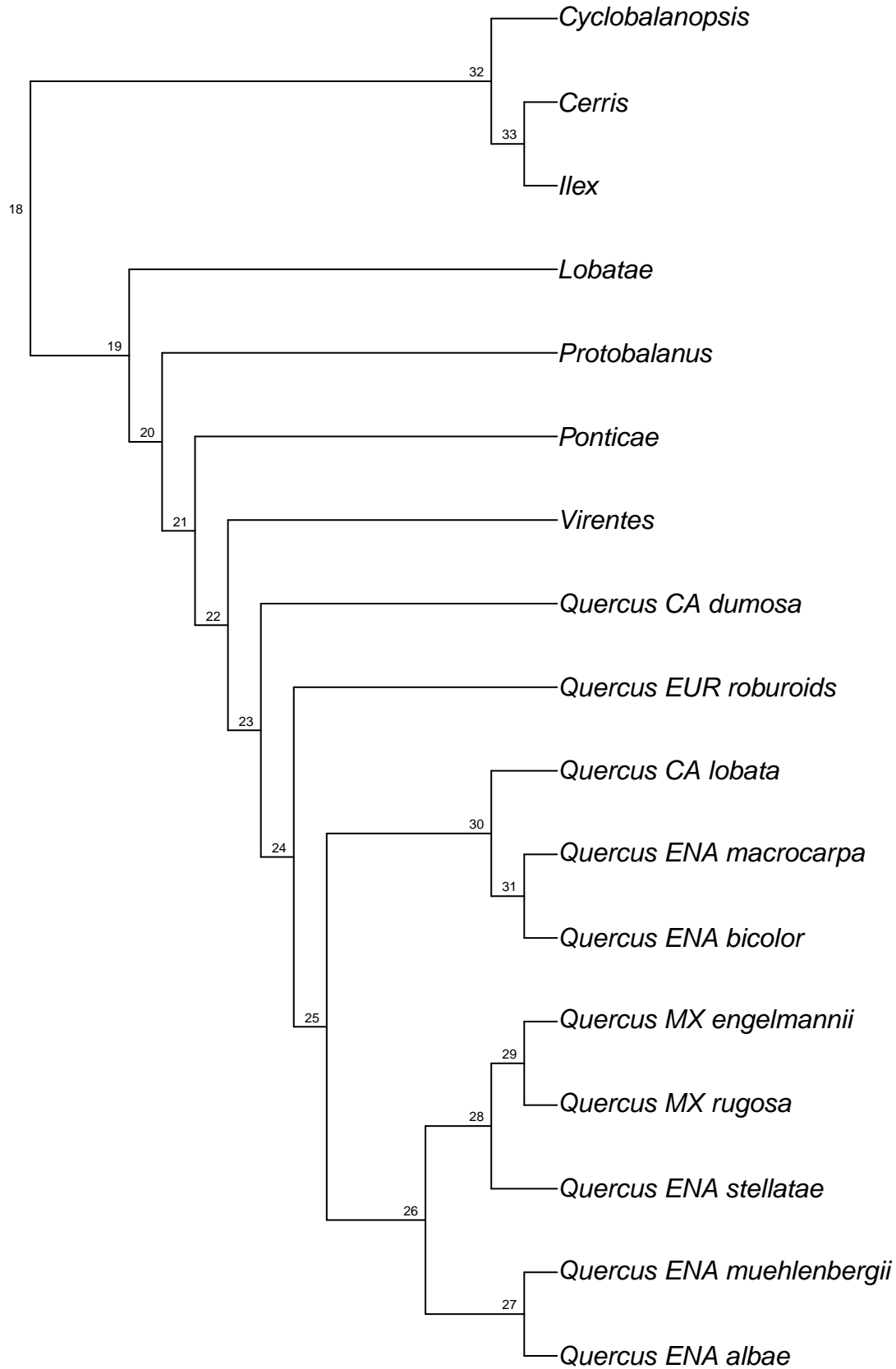
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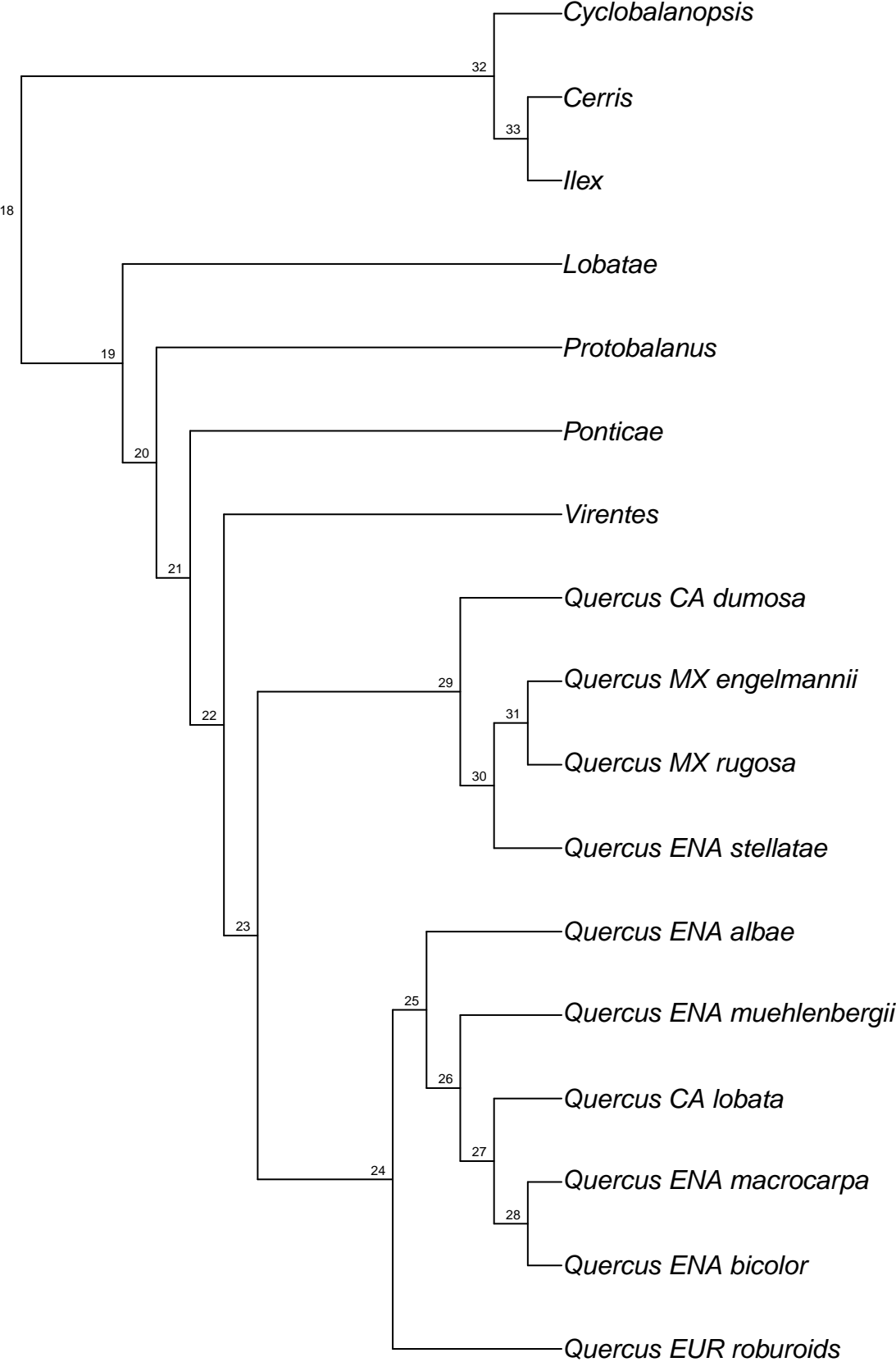
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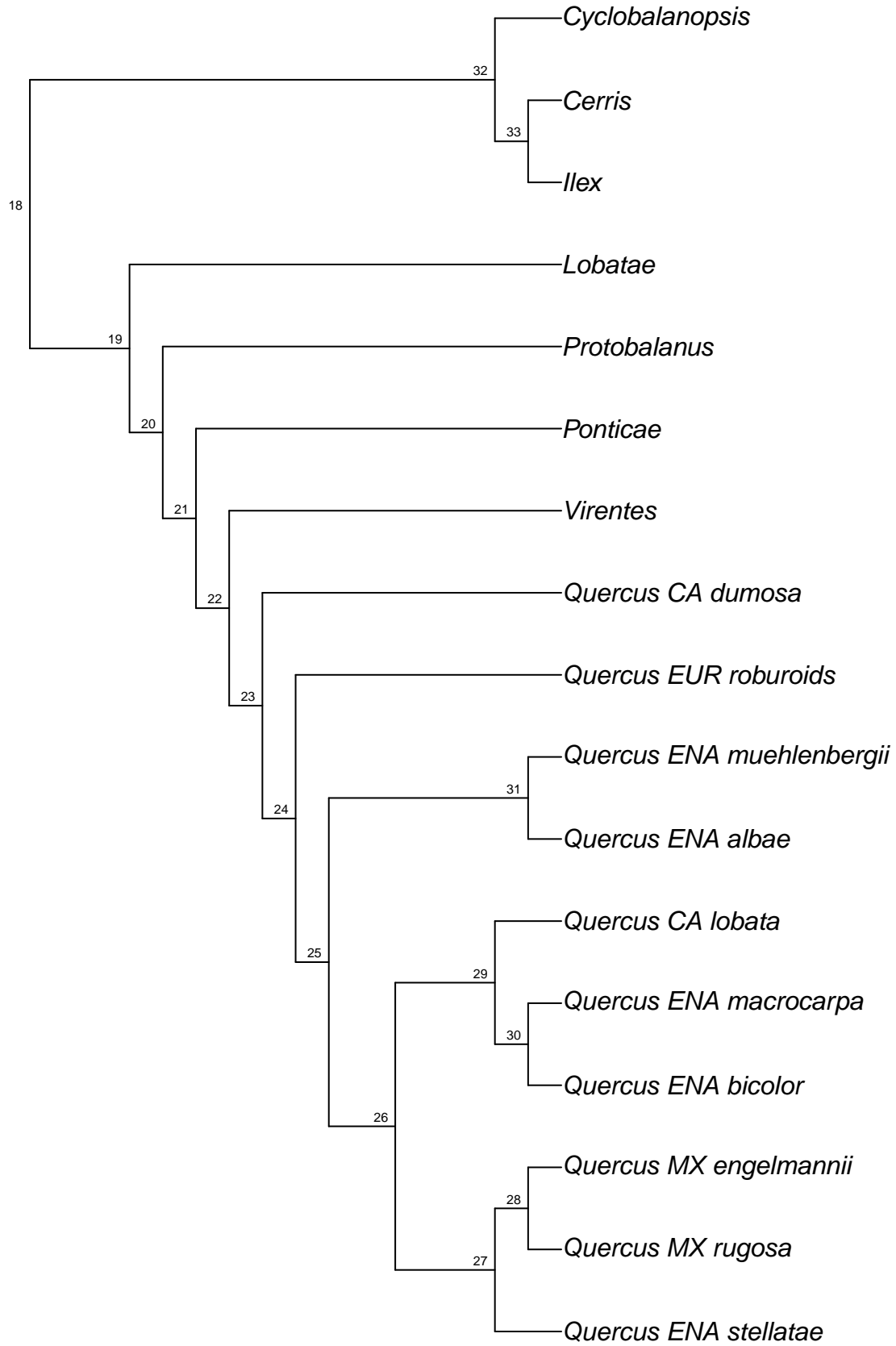
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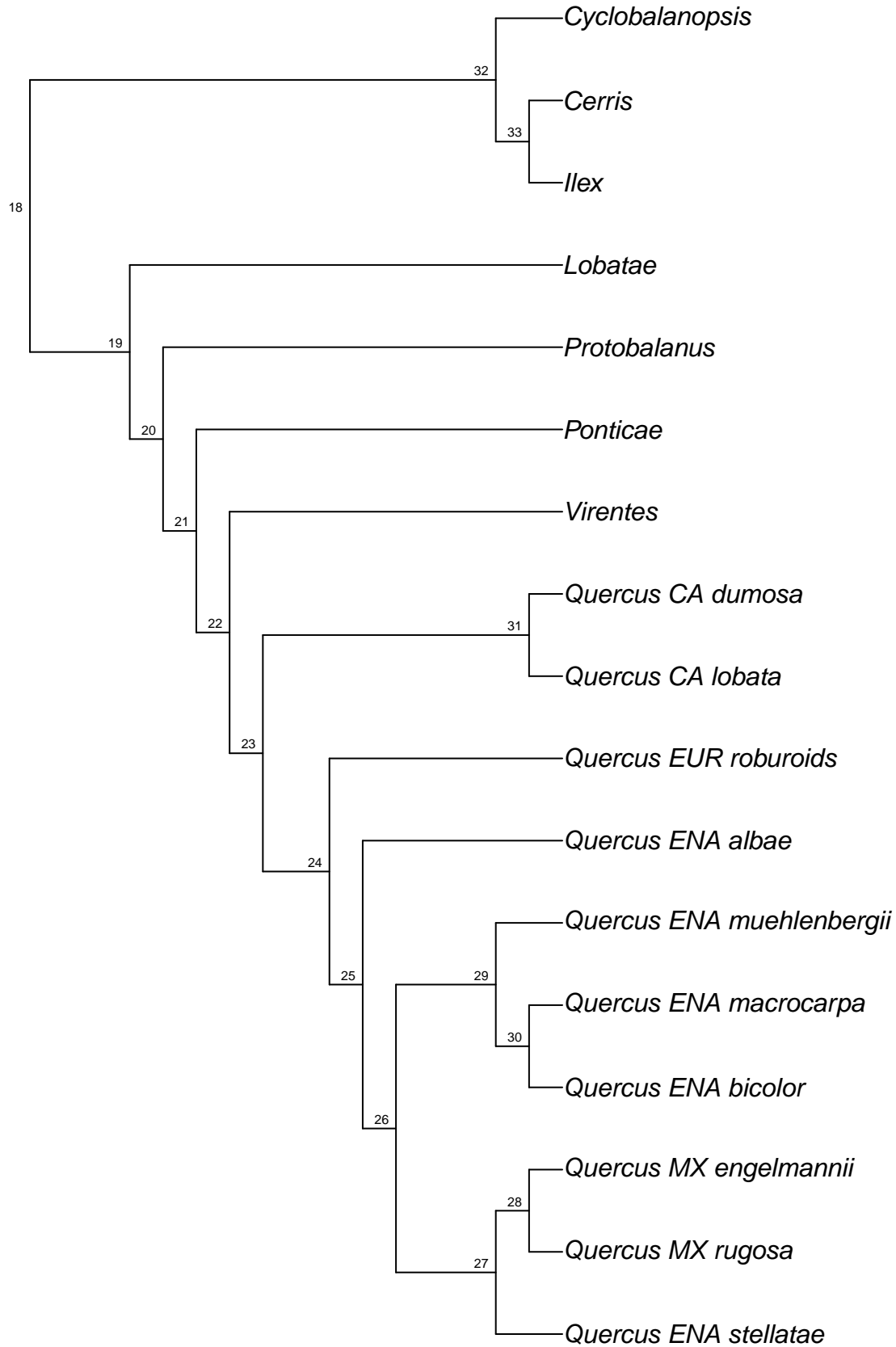
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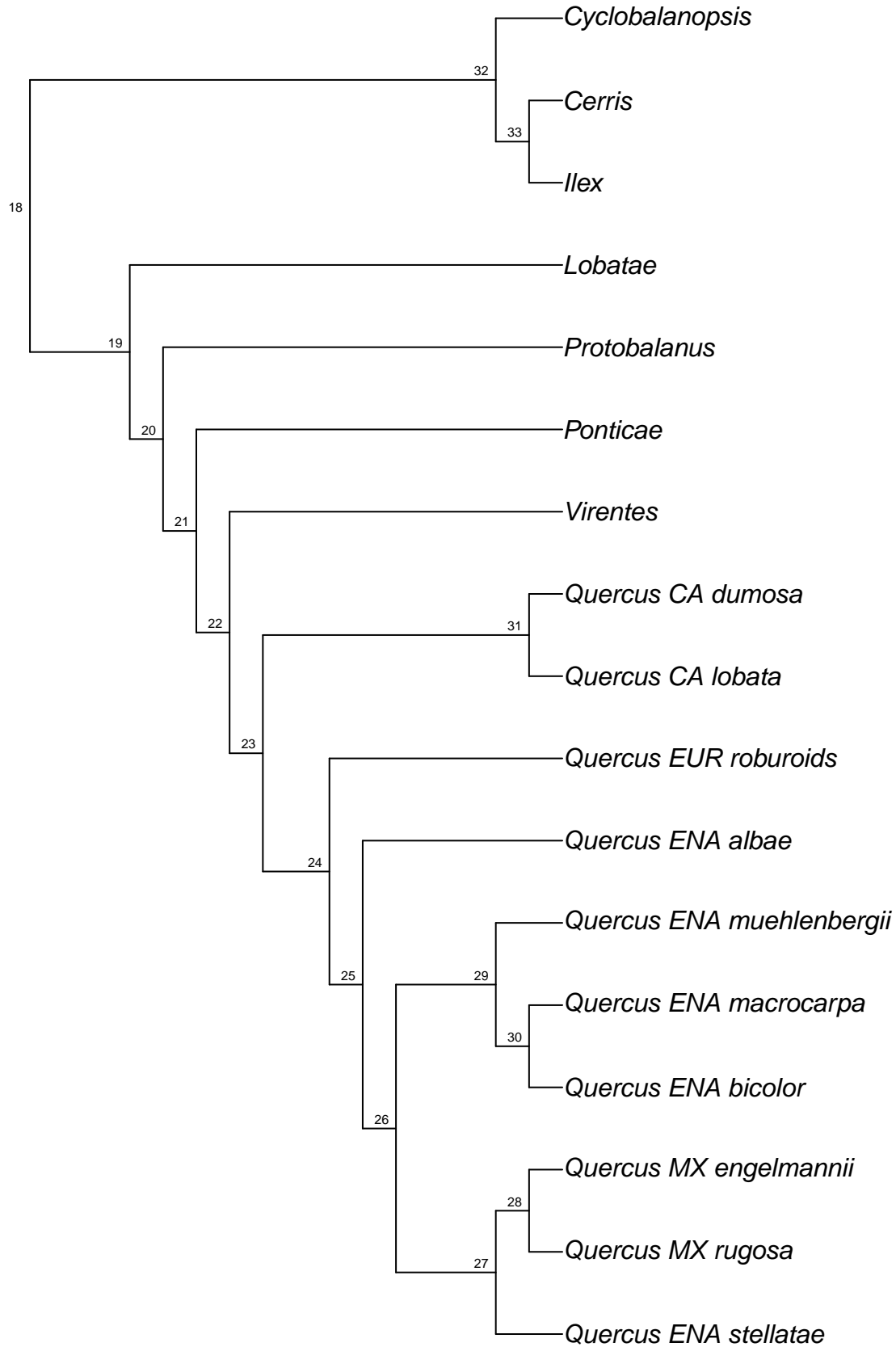
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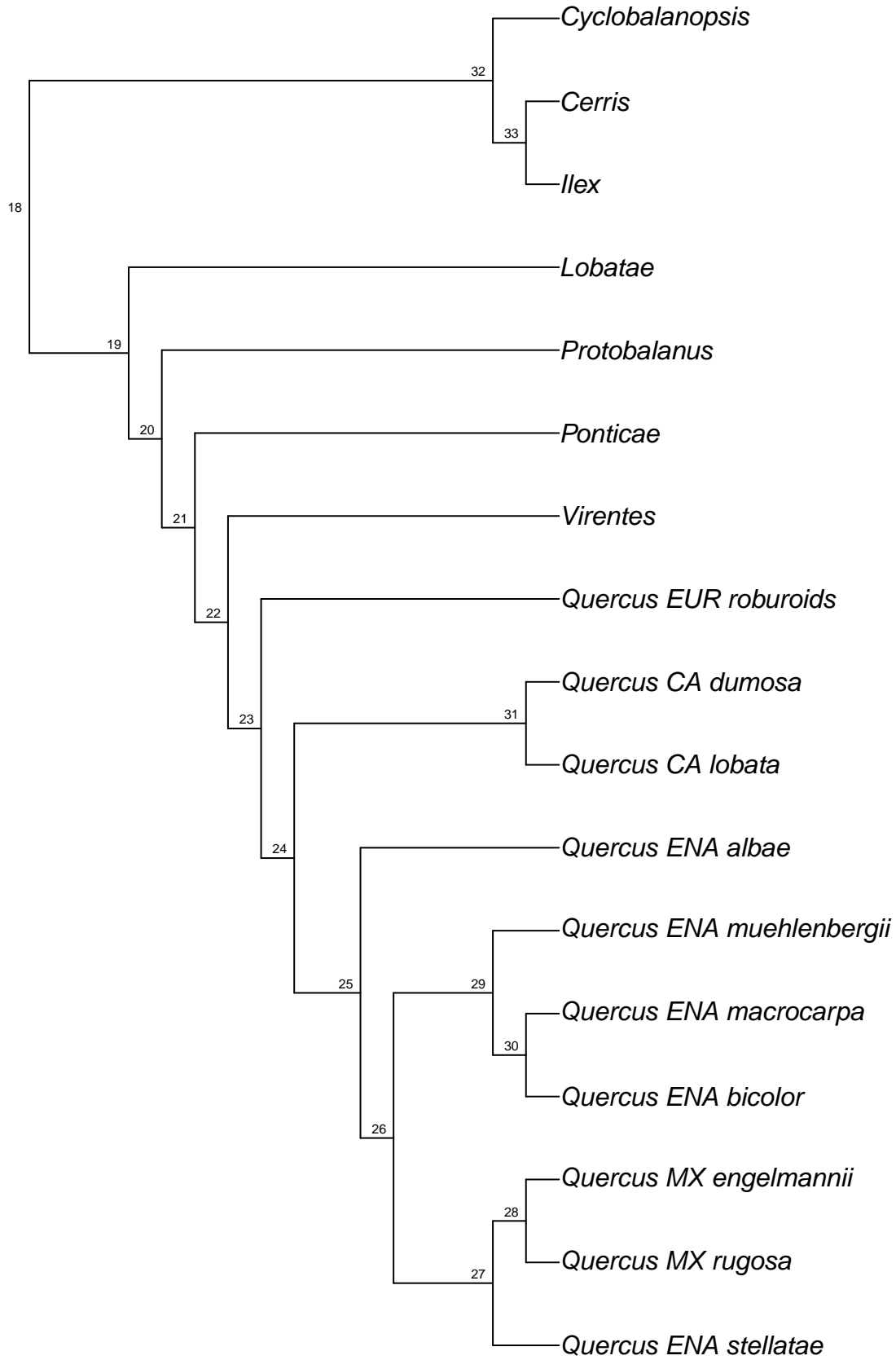
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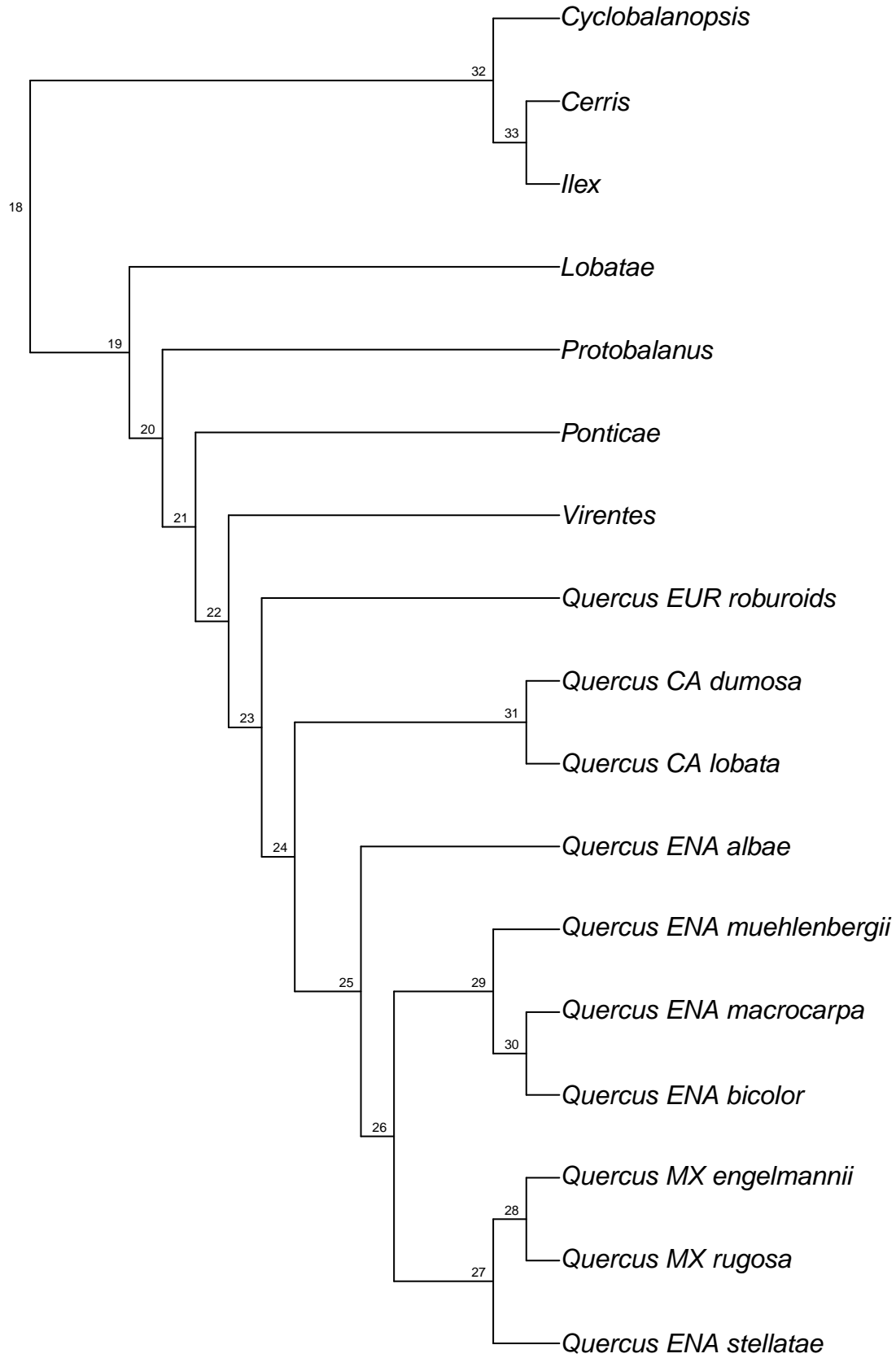
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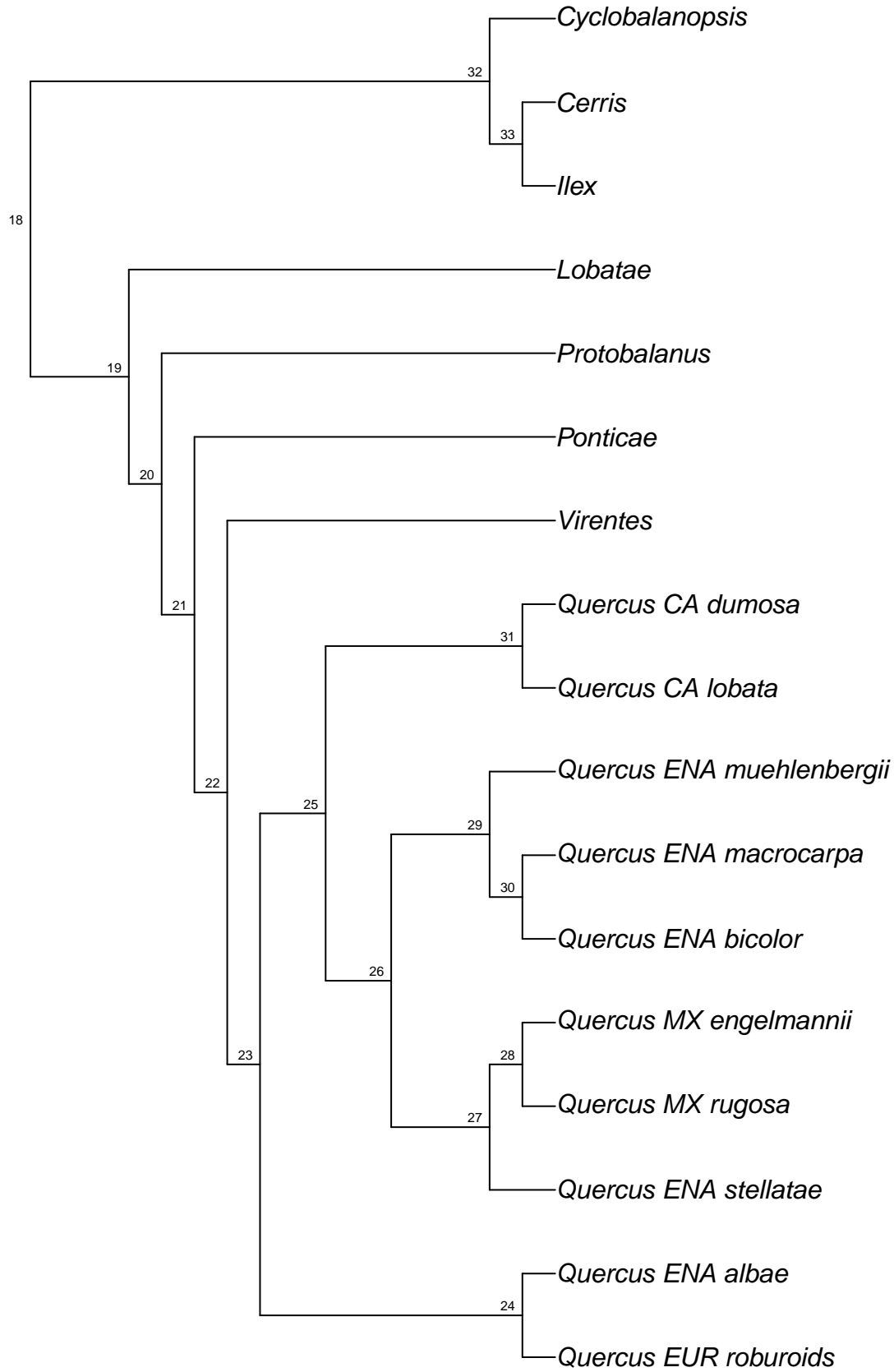
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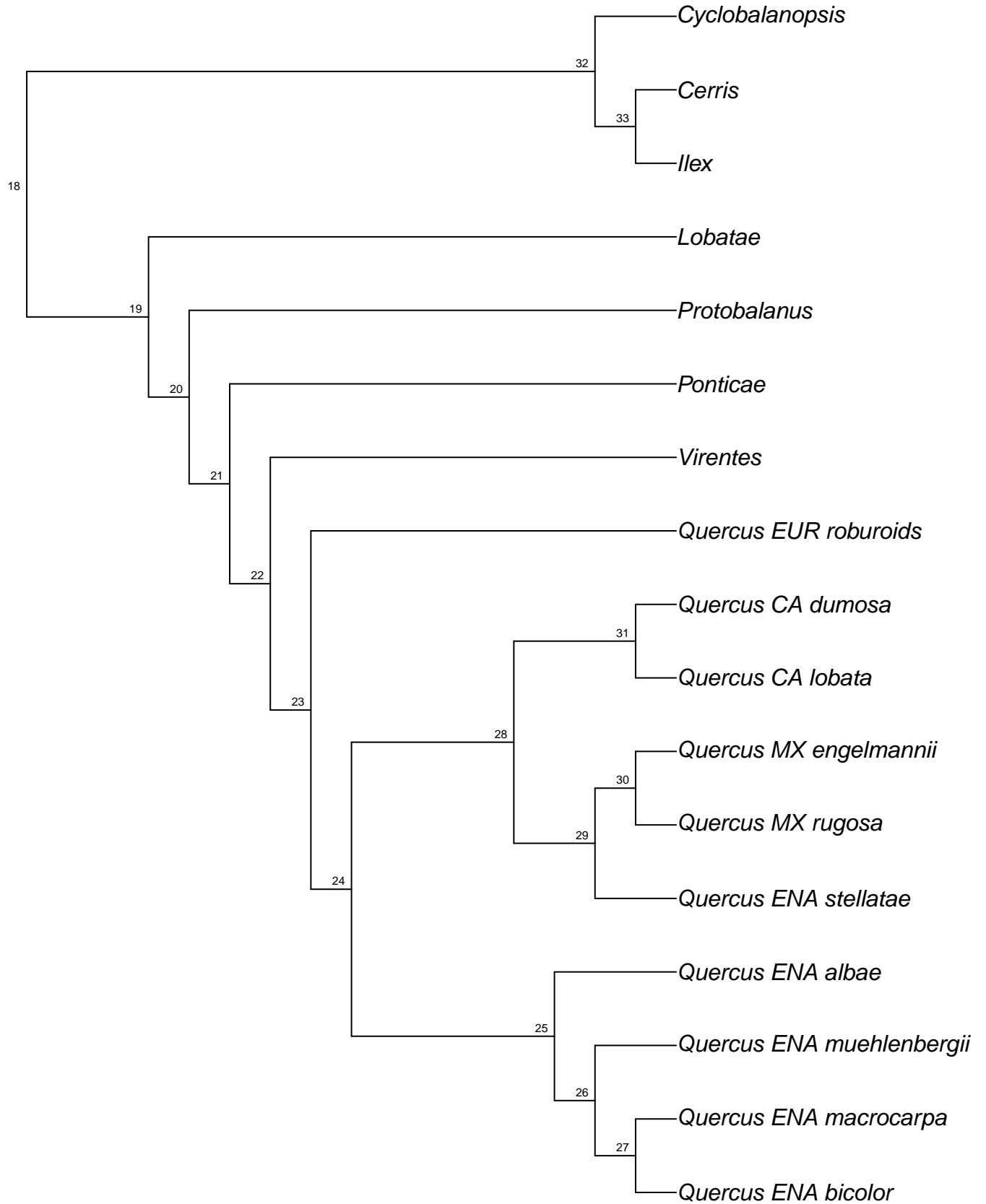
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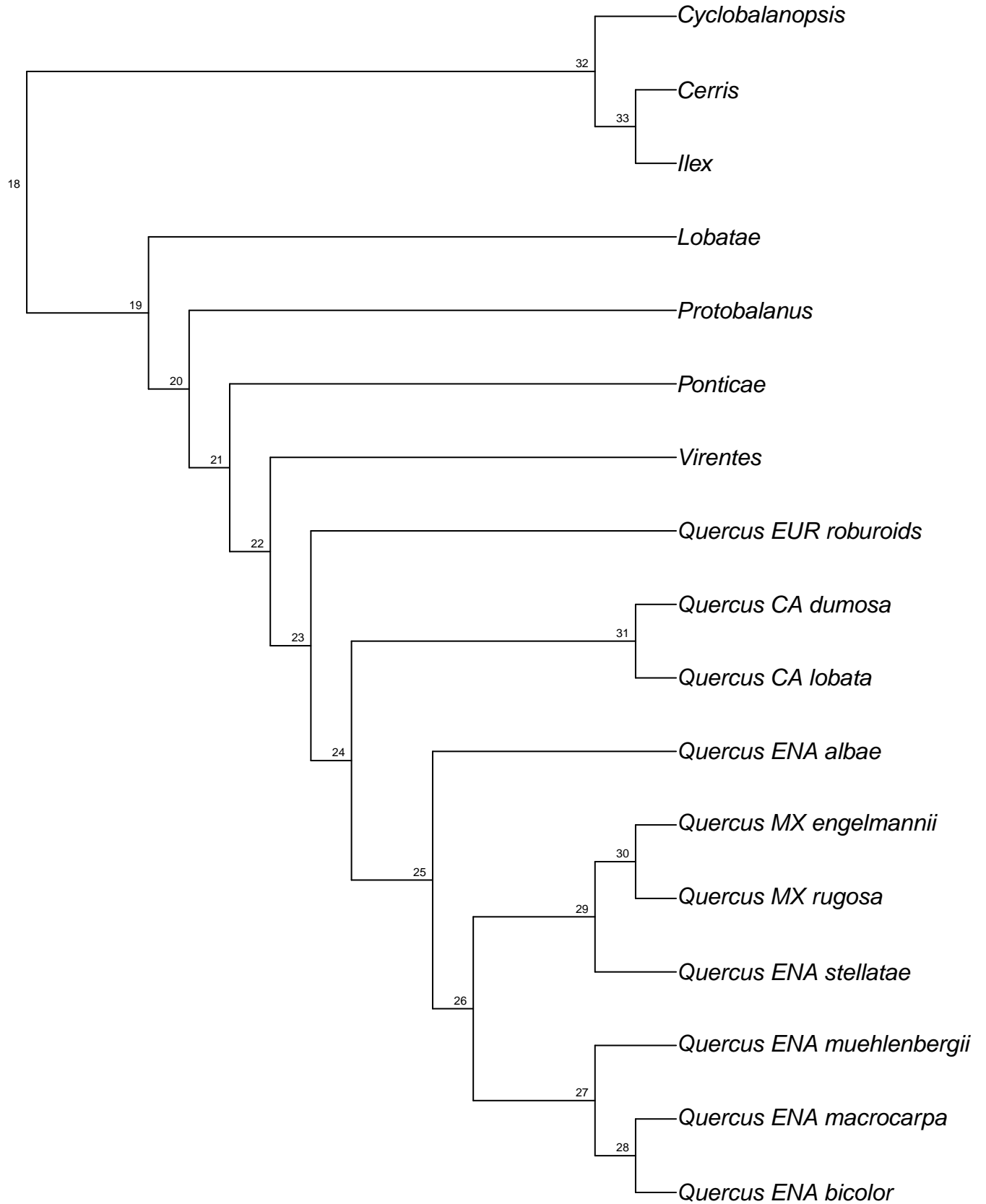
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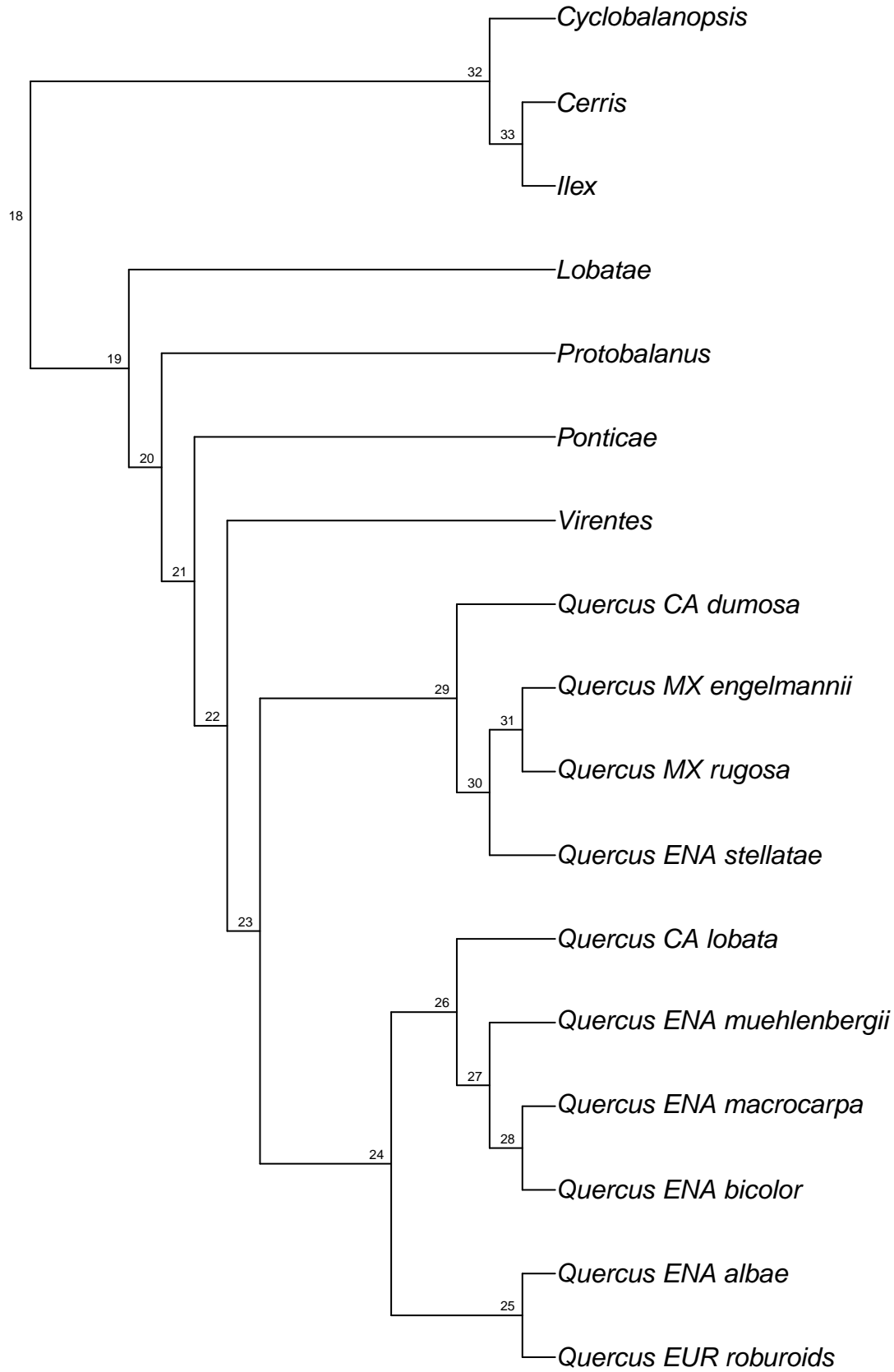
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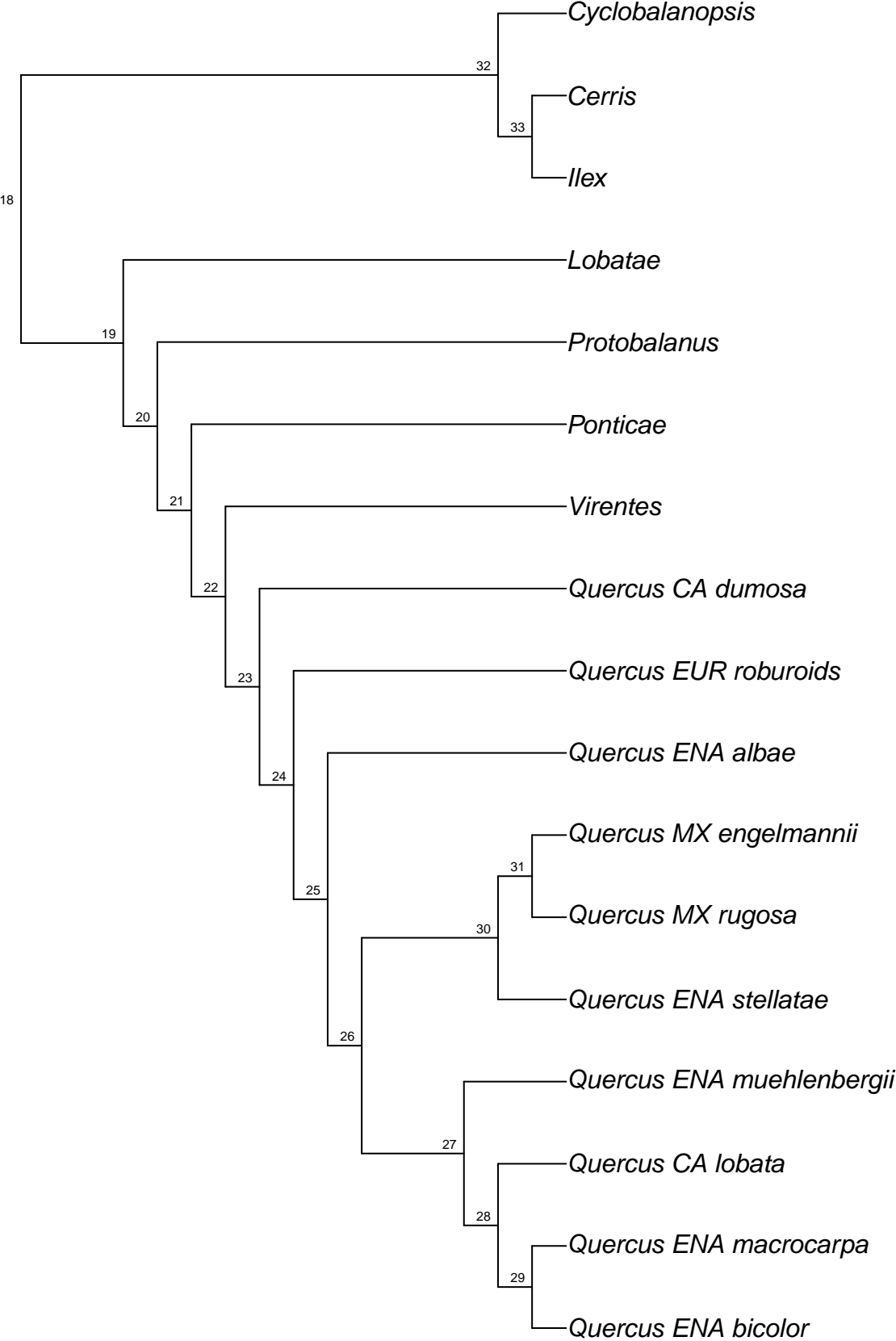
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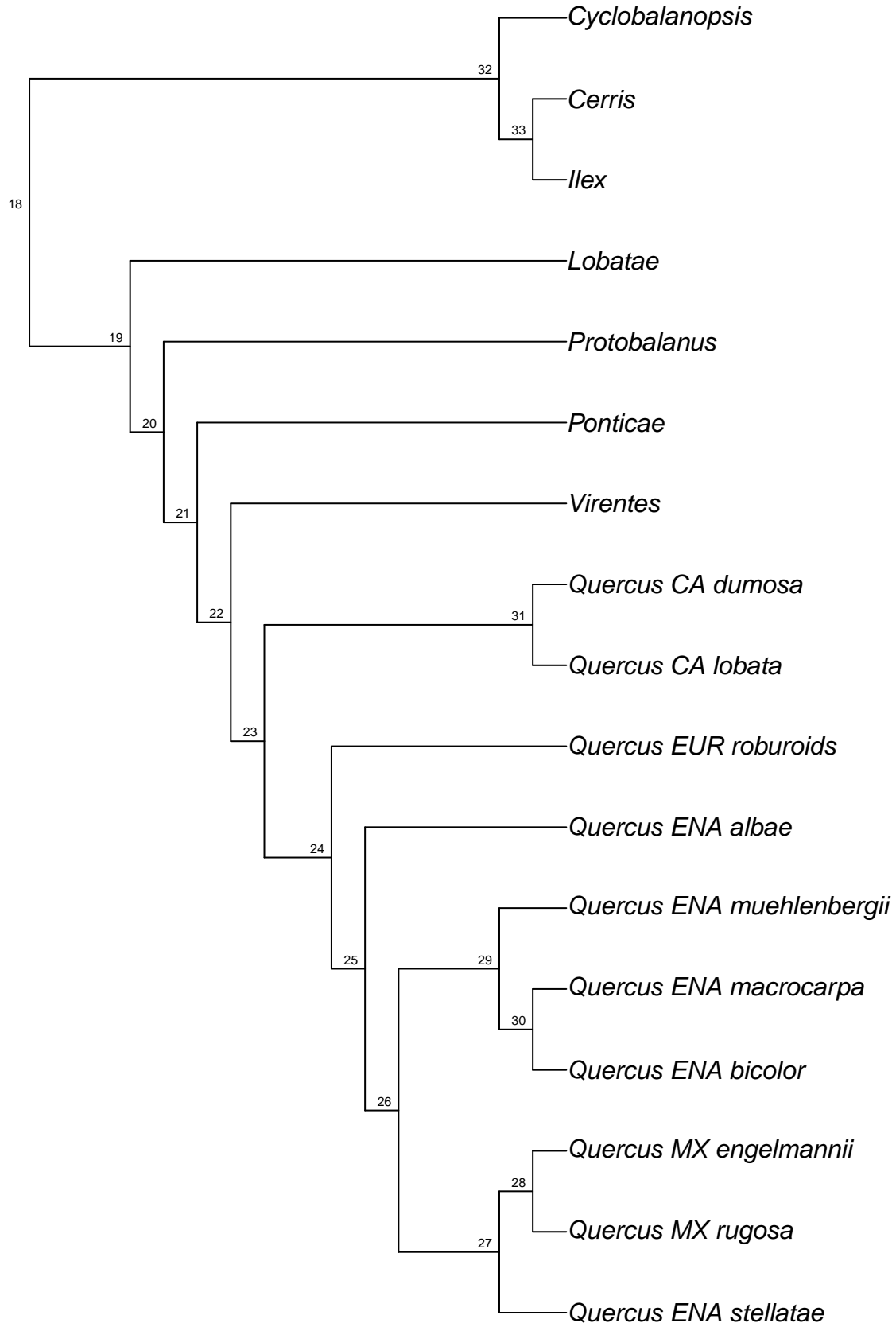
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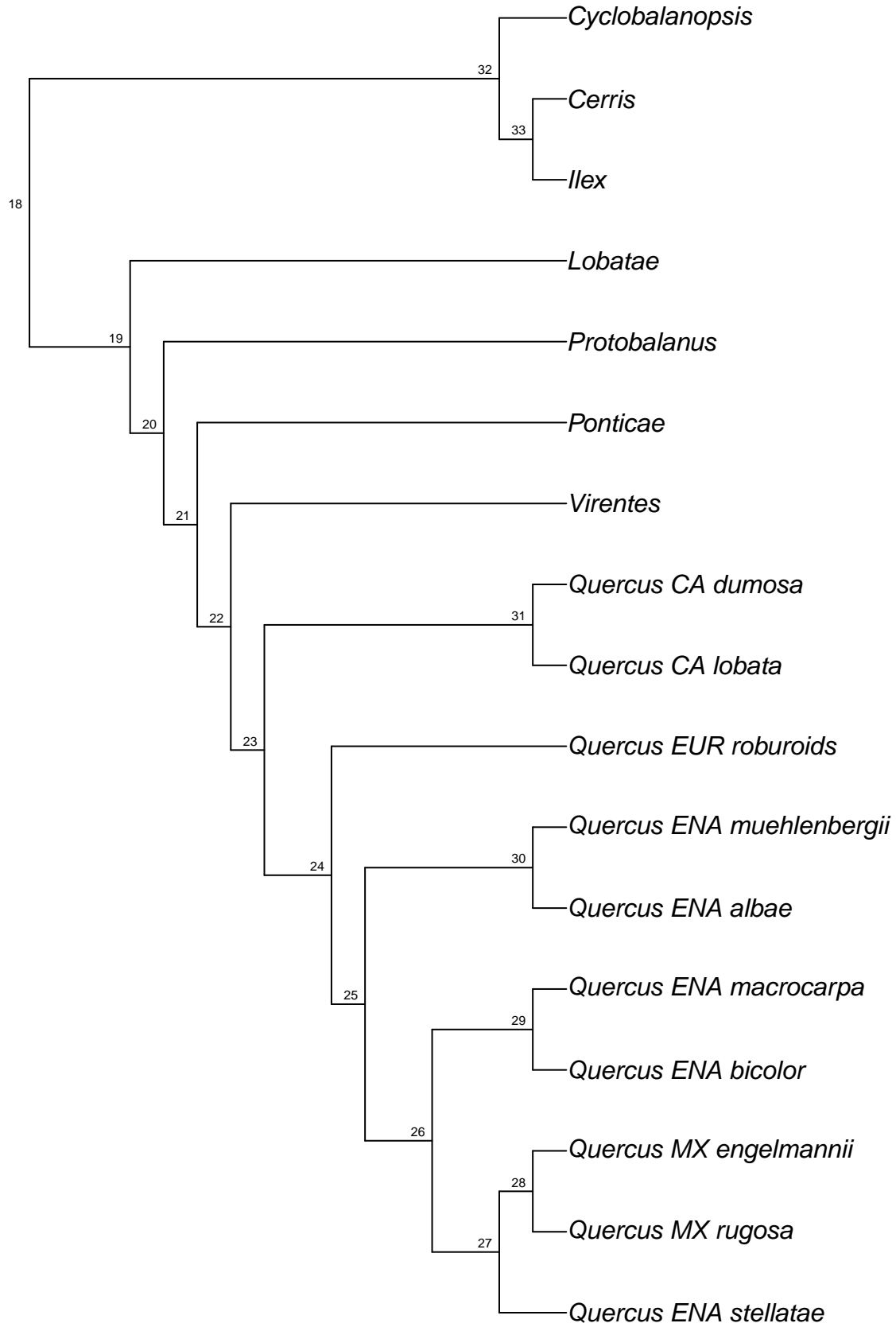
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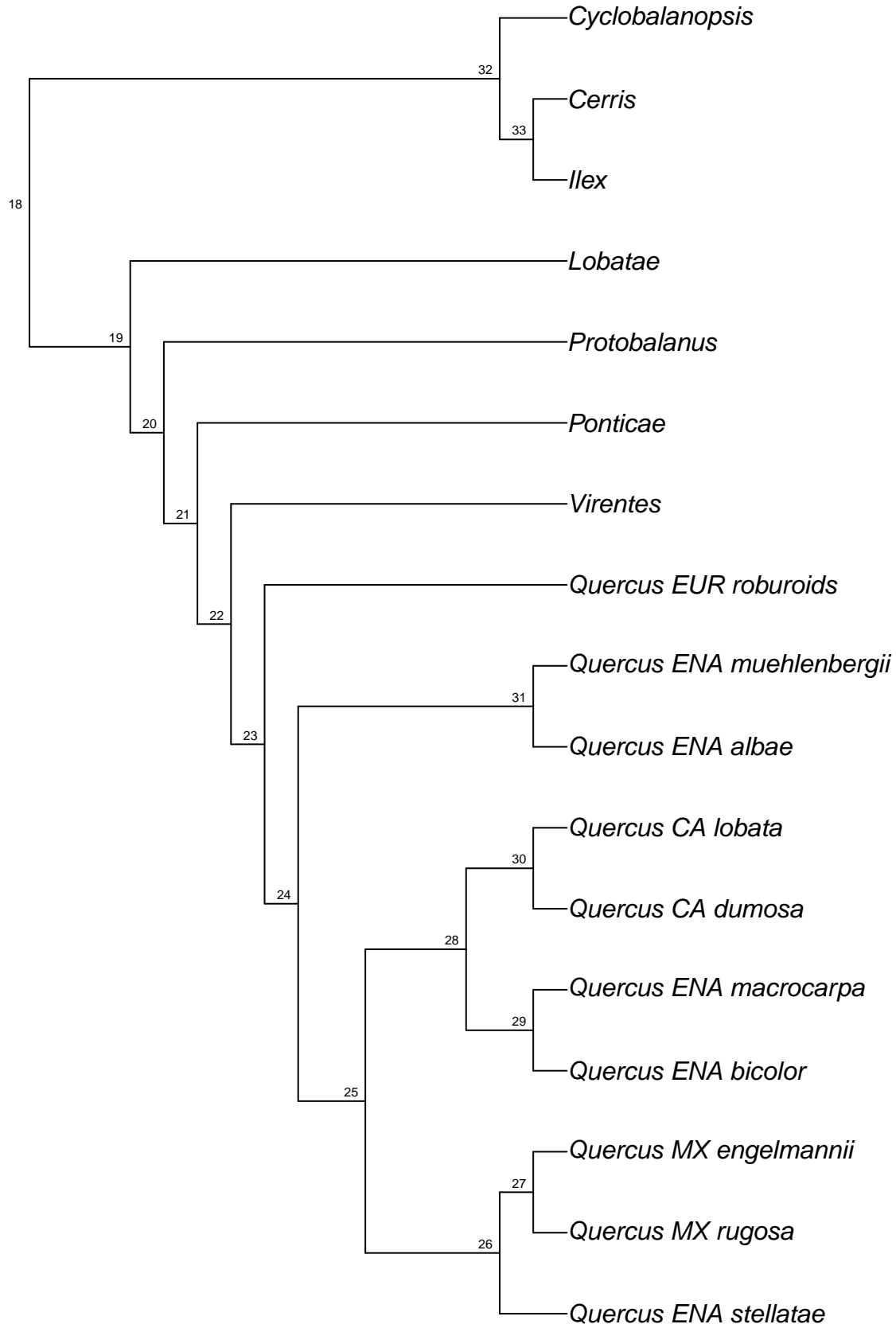
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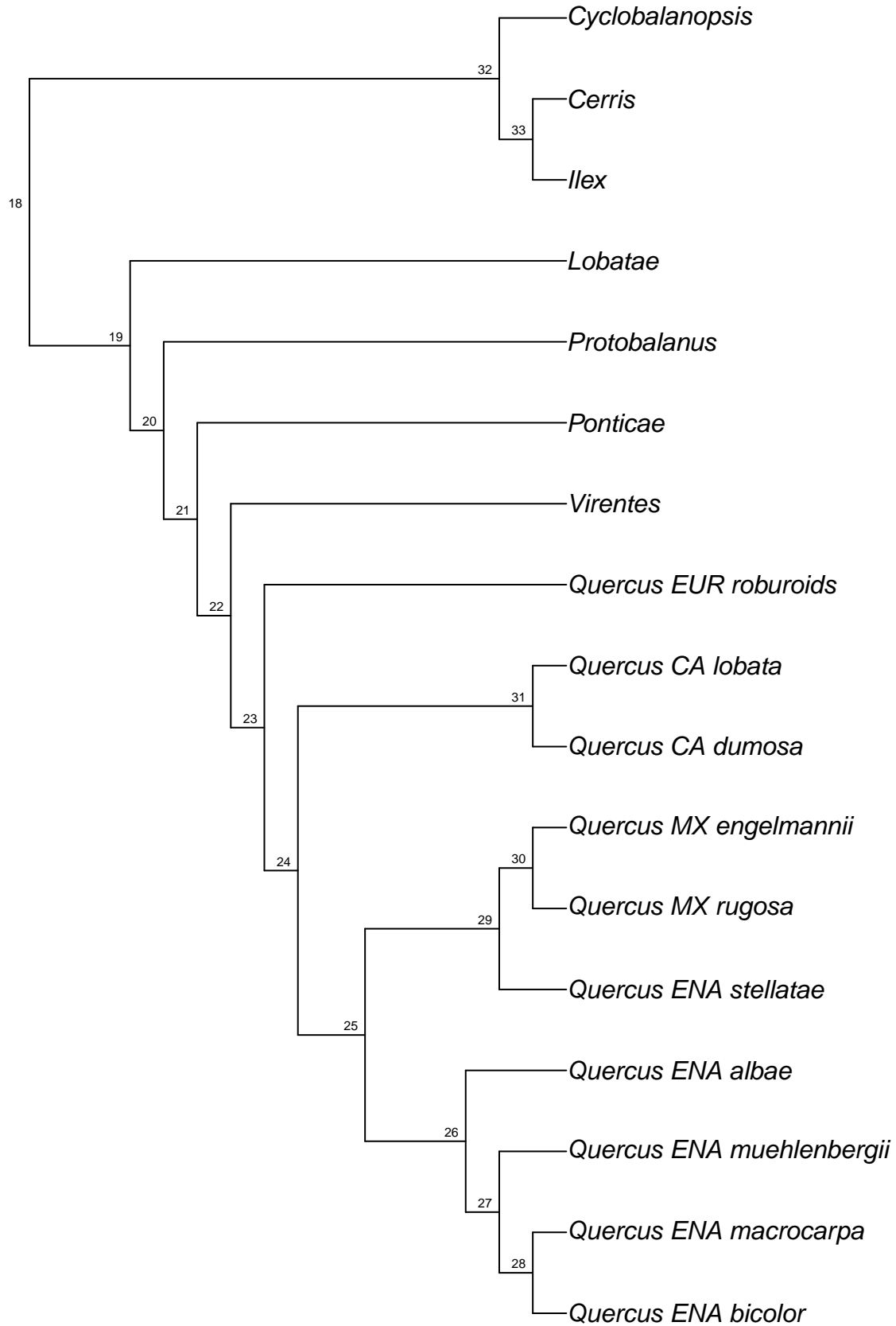
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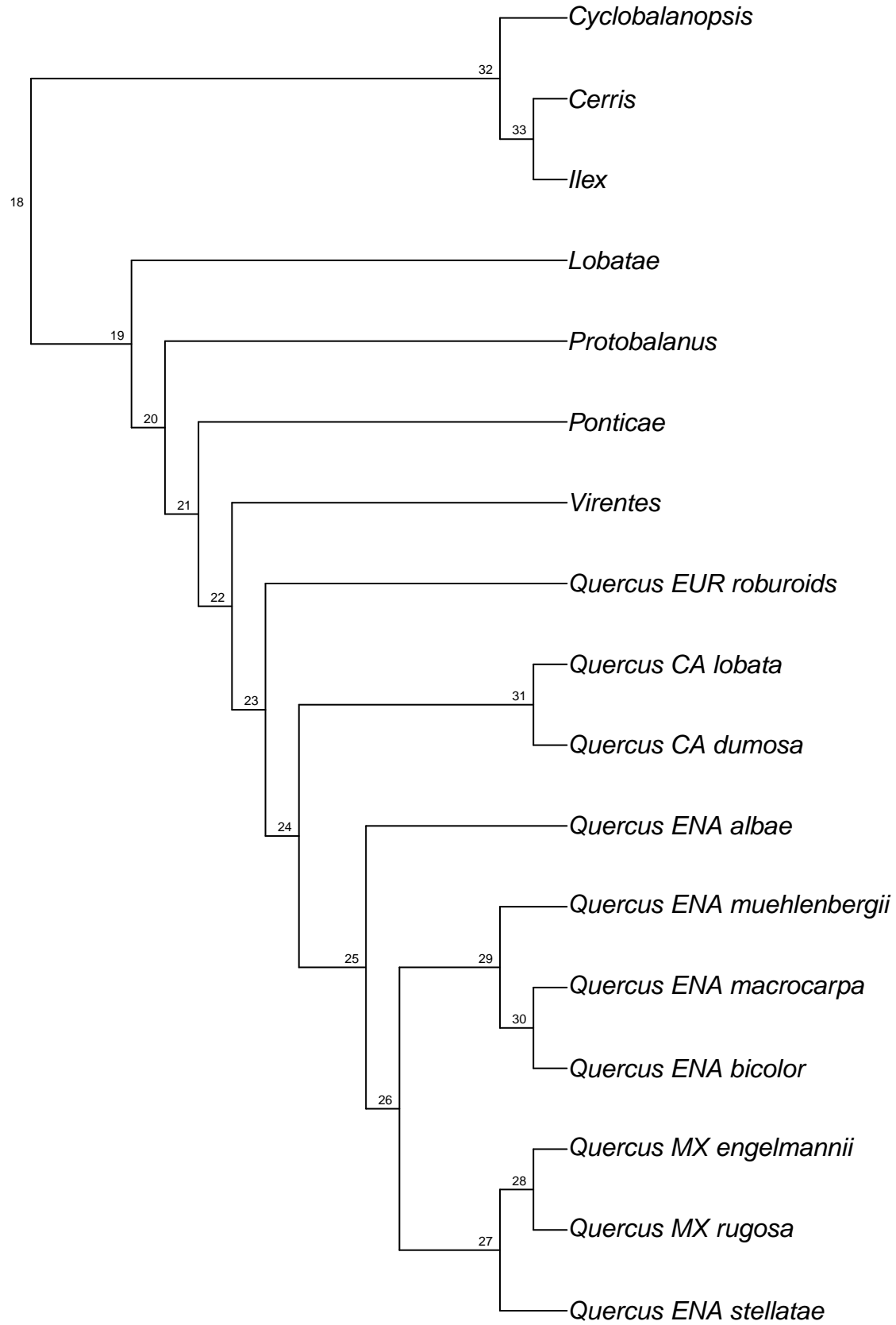
simRAD.simRAD_Qalba_raxml.bt035



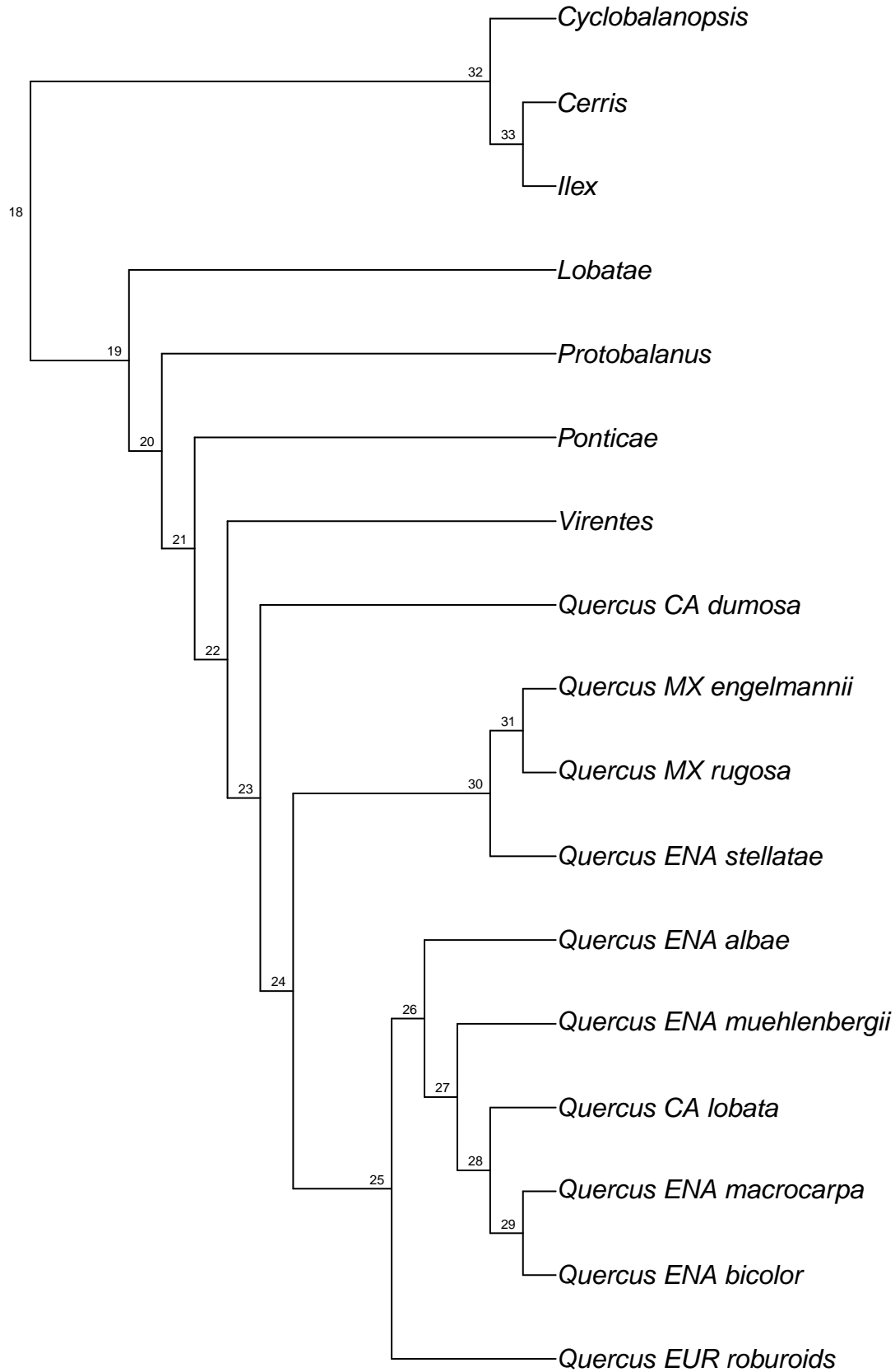
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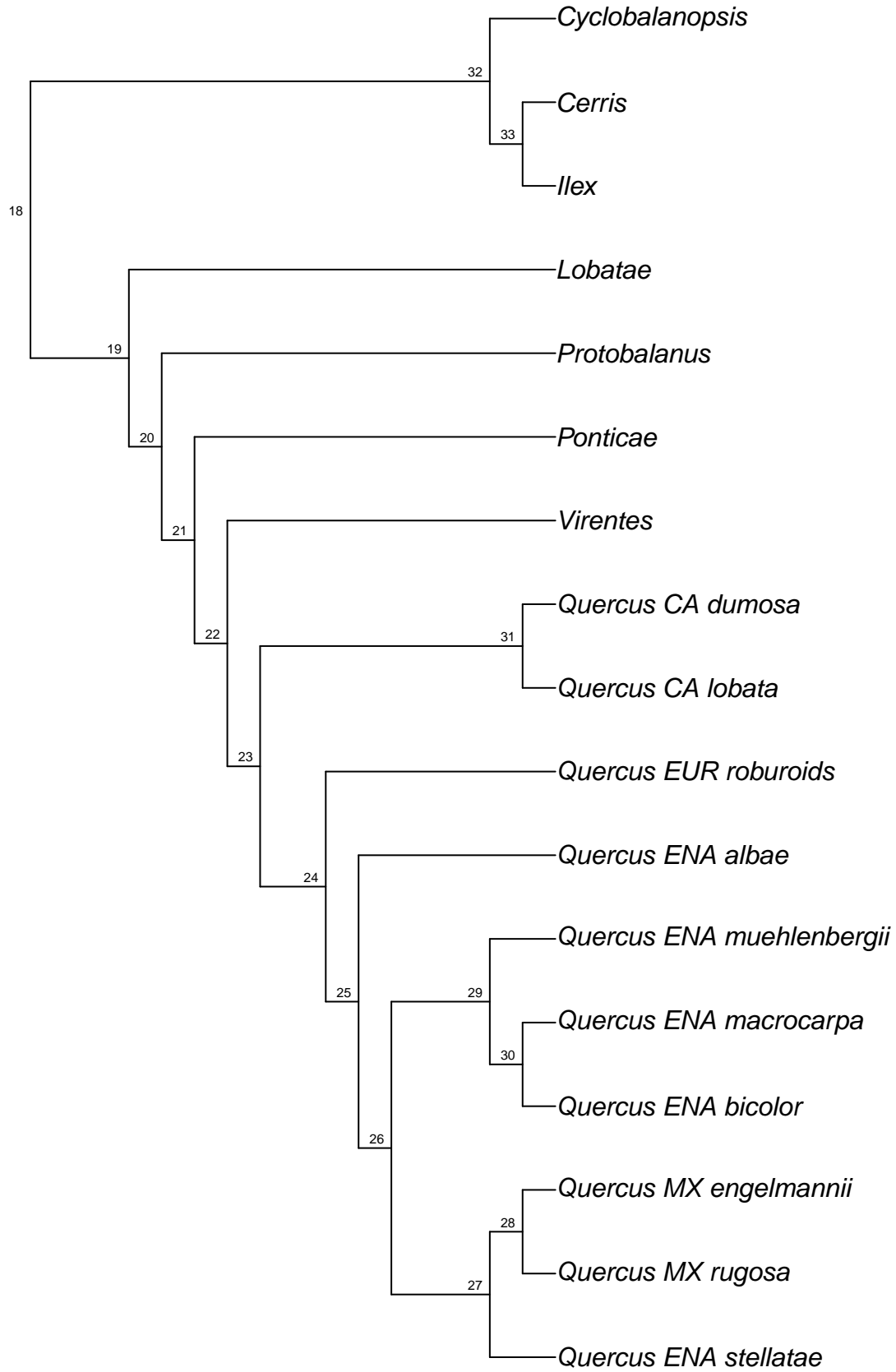
simRAD.simRAD_Qalba_raxml.bt037



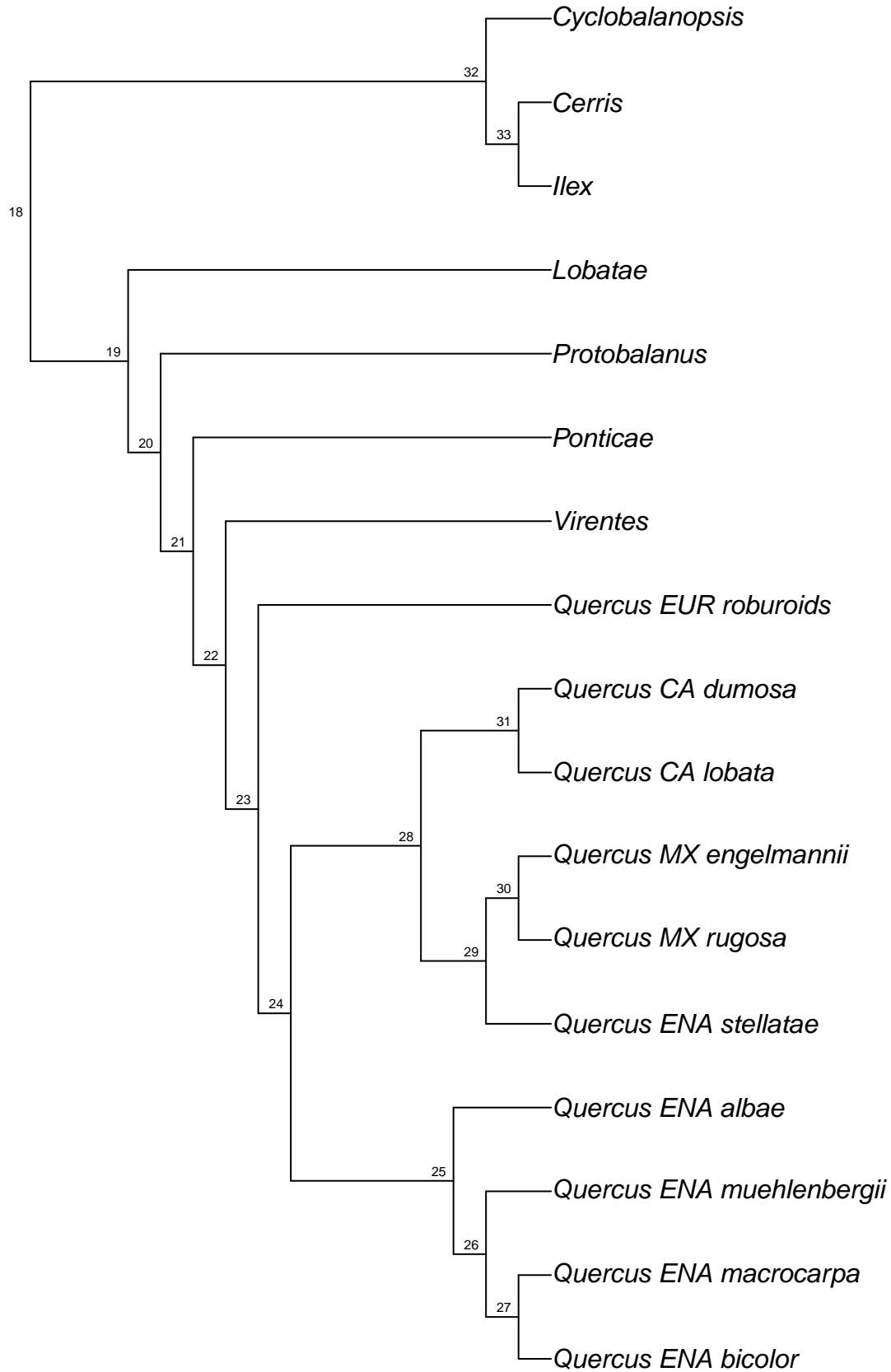
simRAD.simRAD_Qalba_raxml.bt038



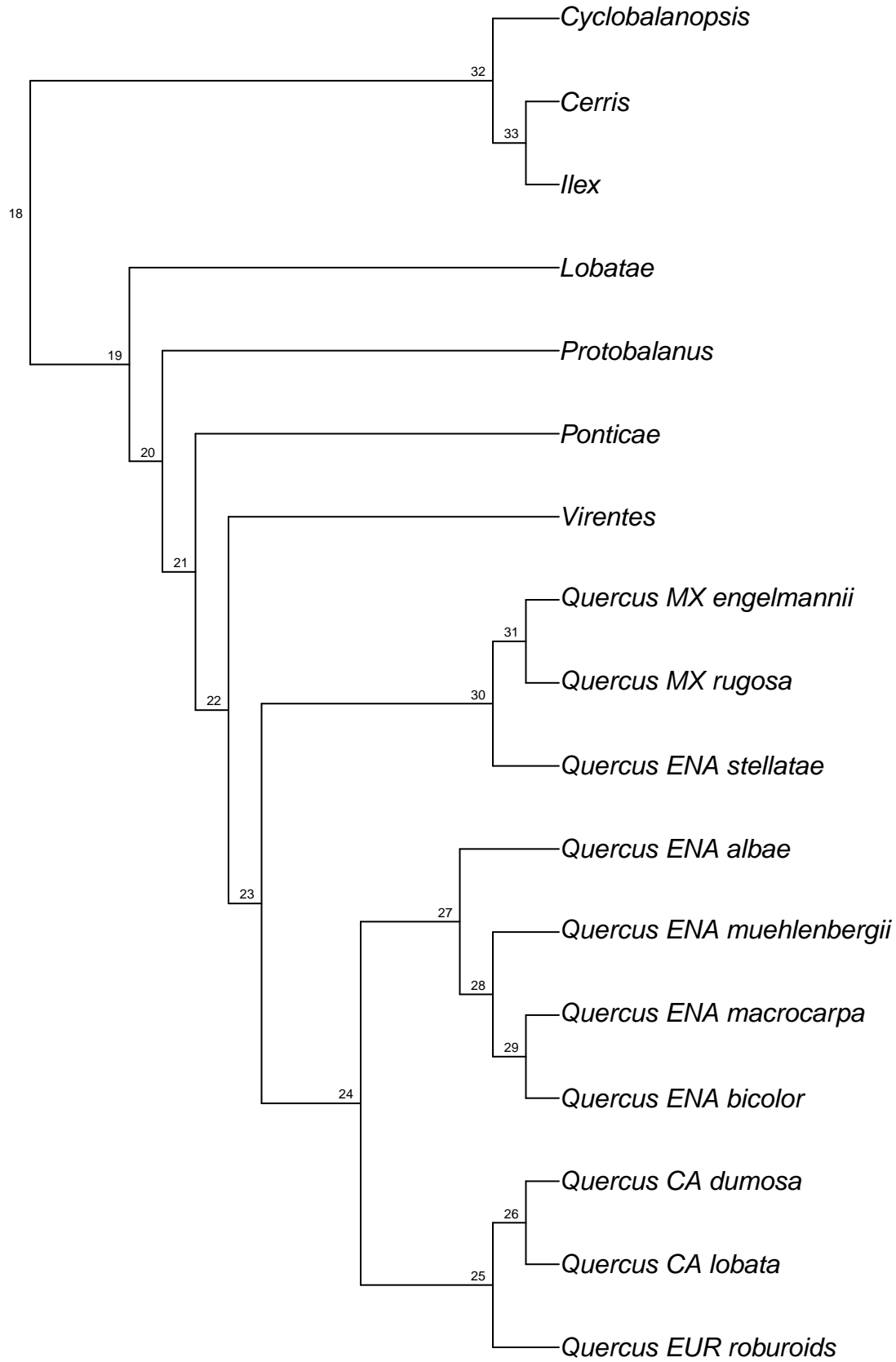
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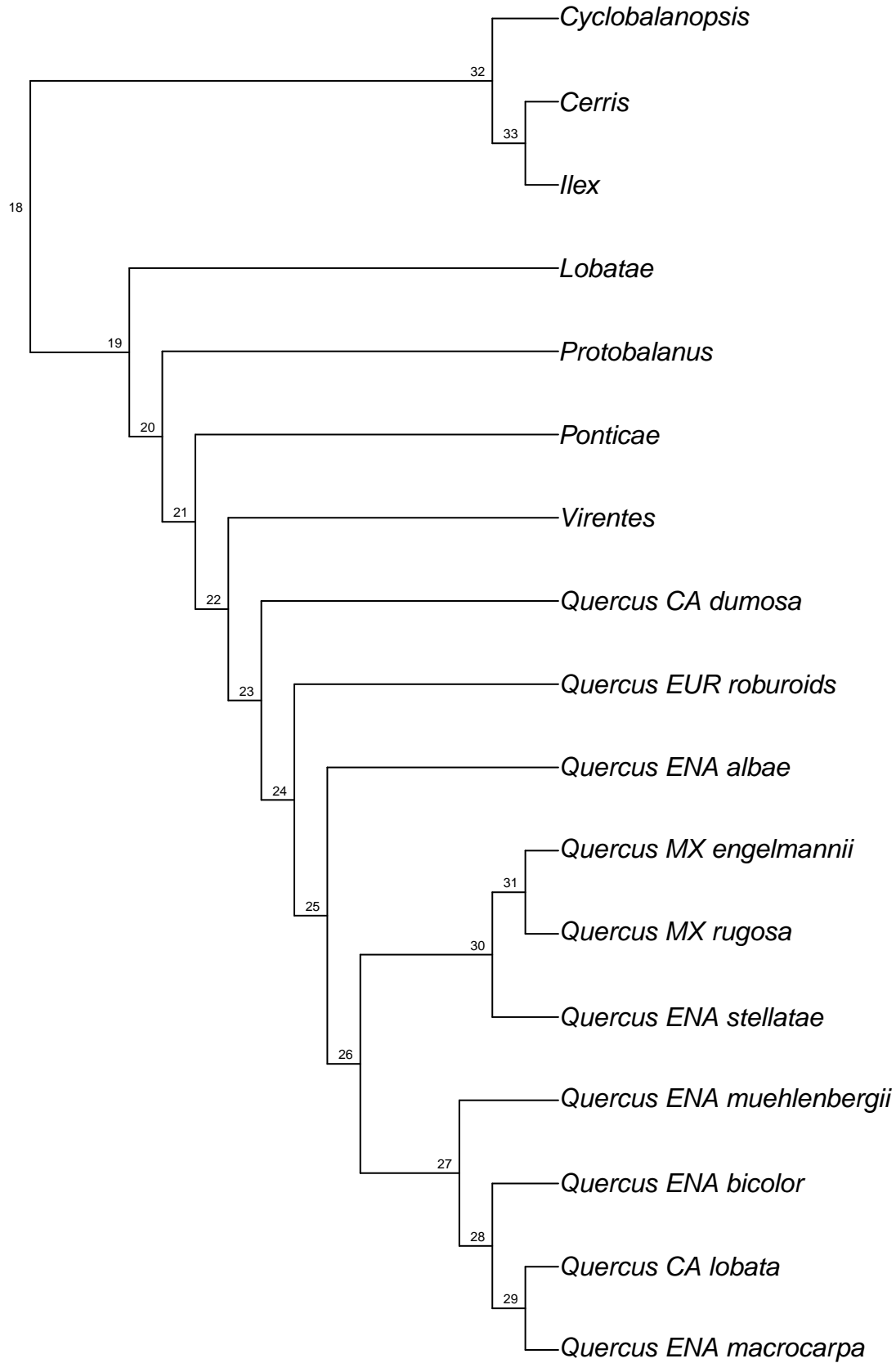
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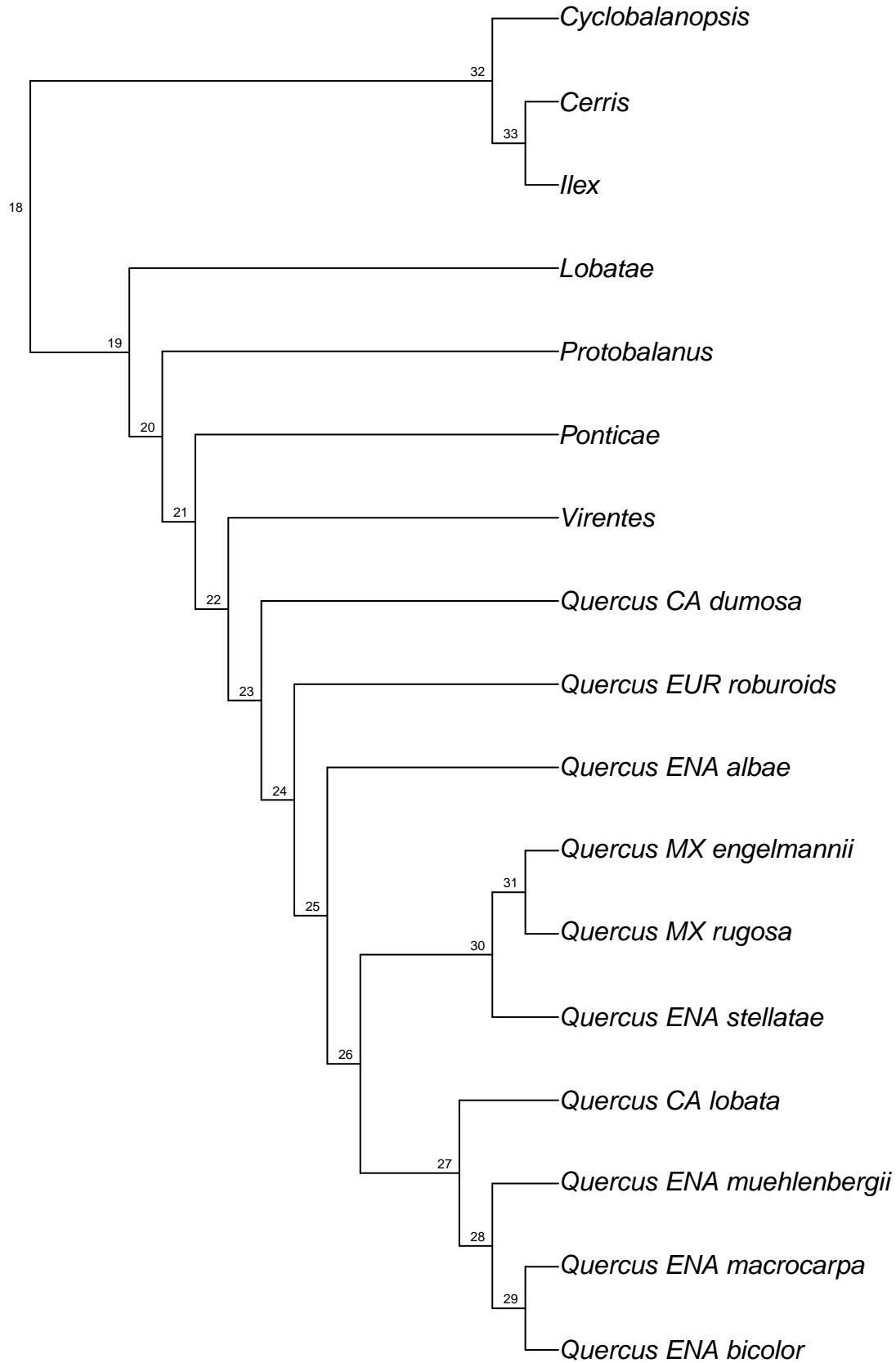
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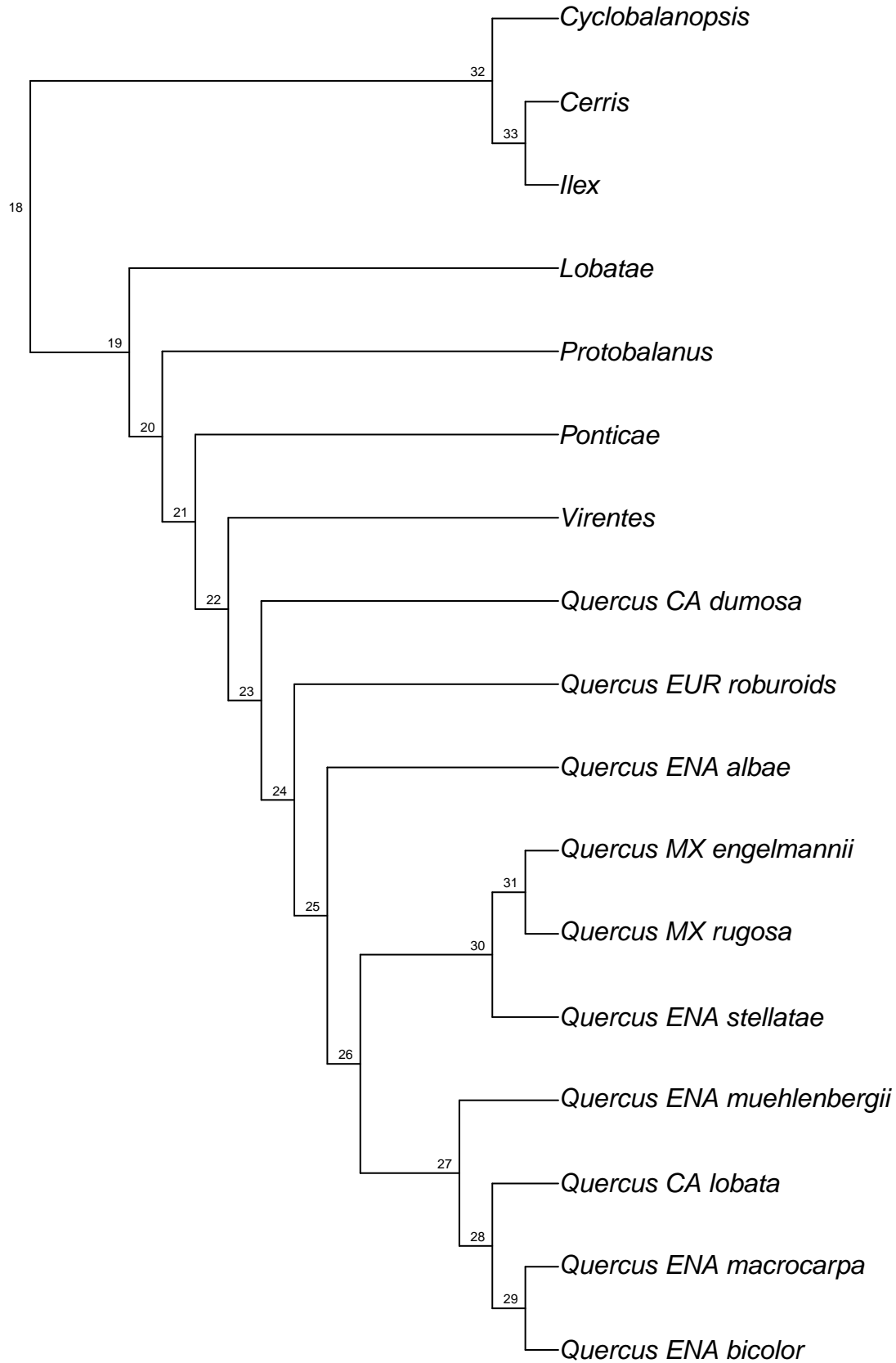
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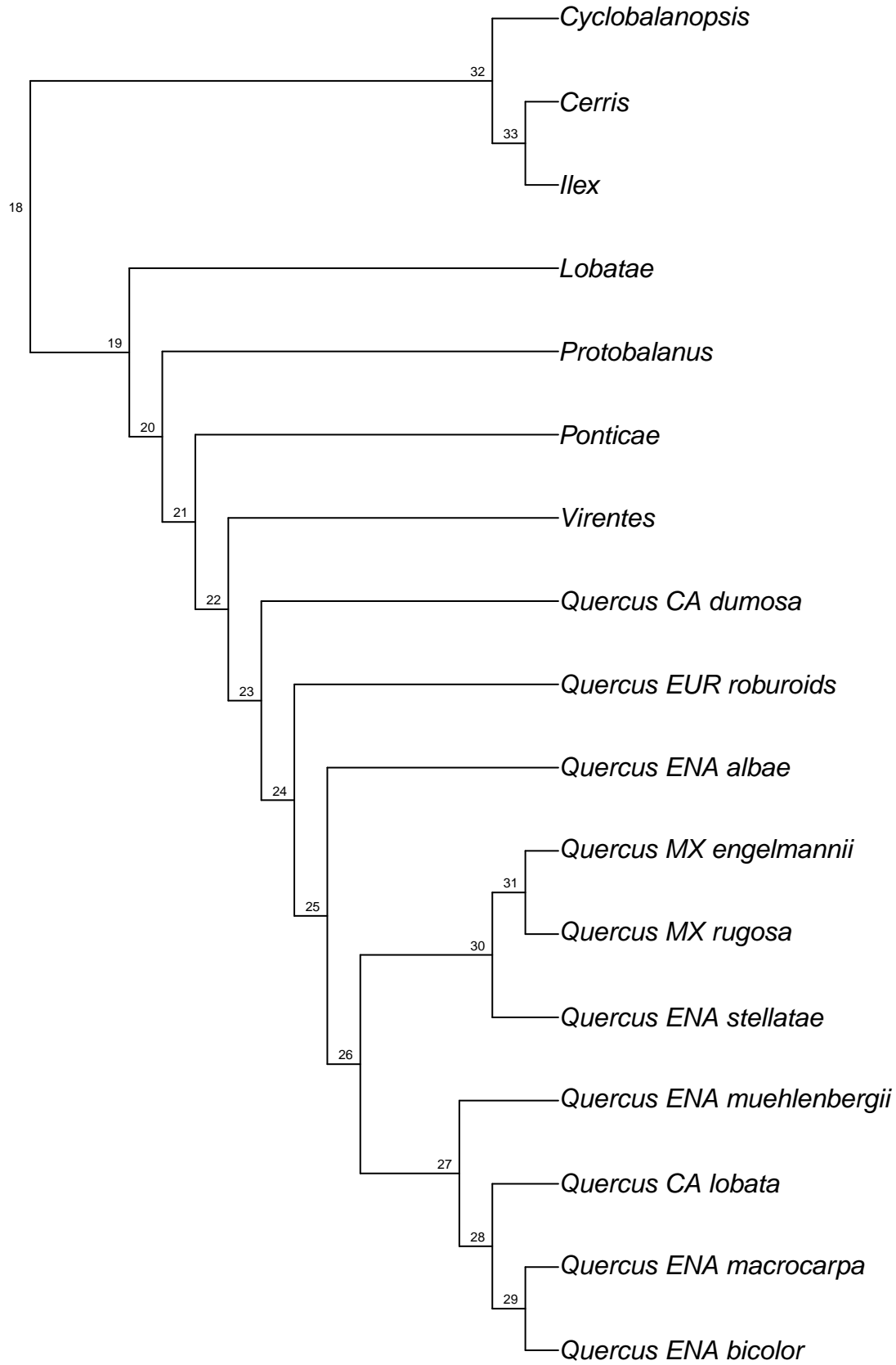
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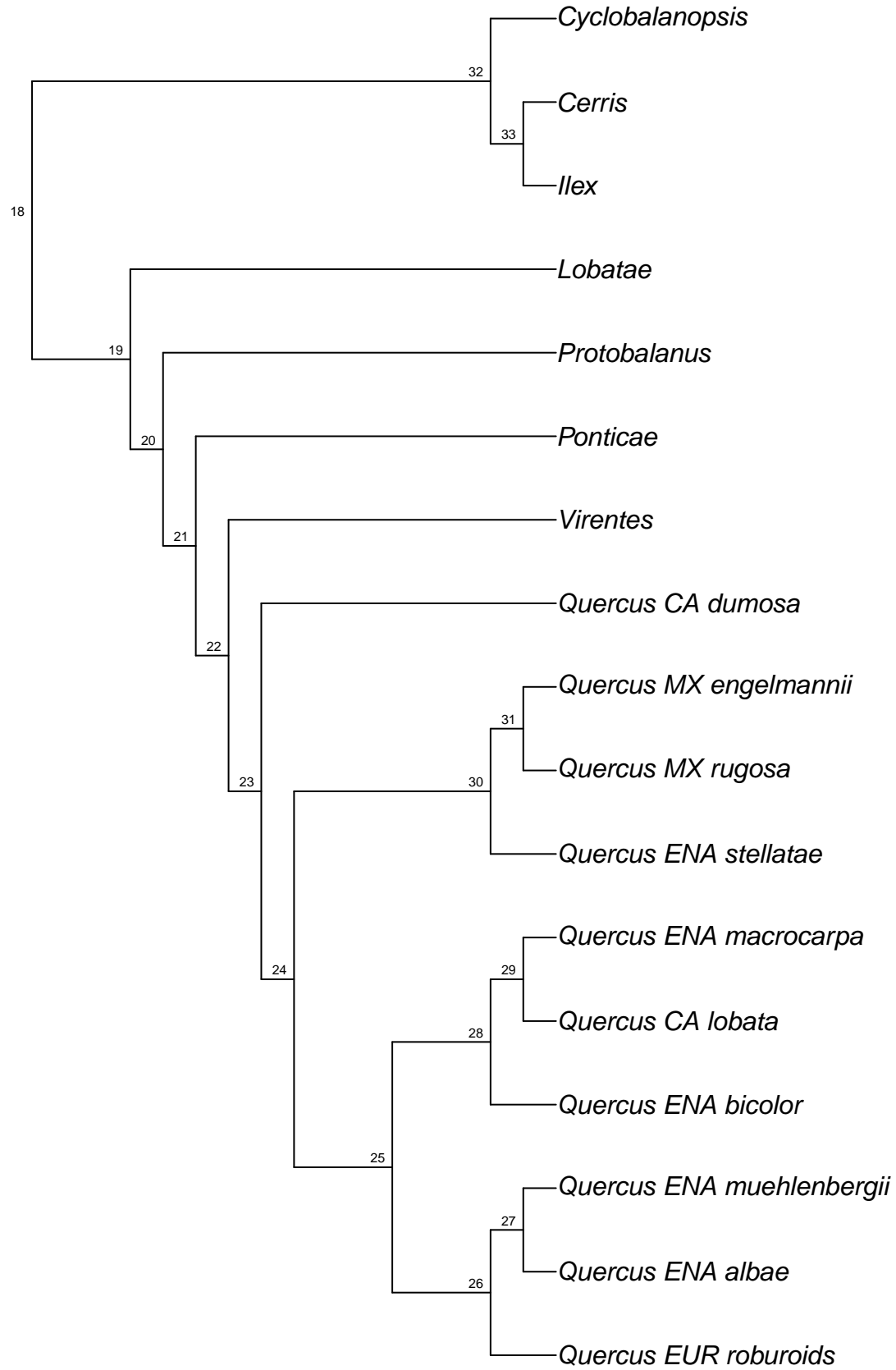
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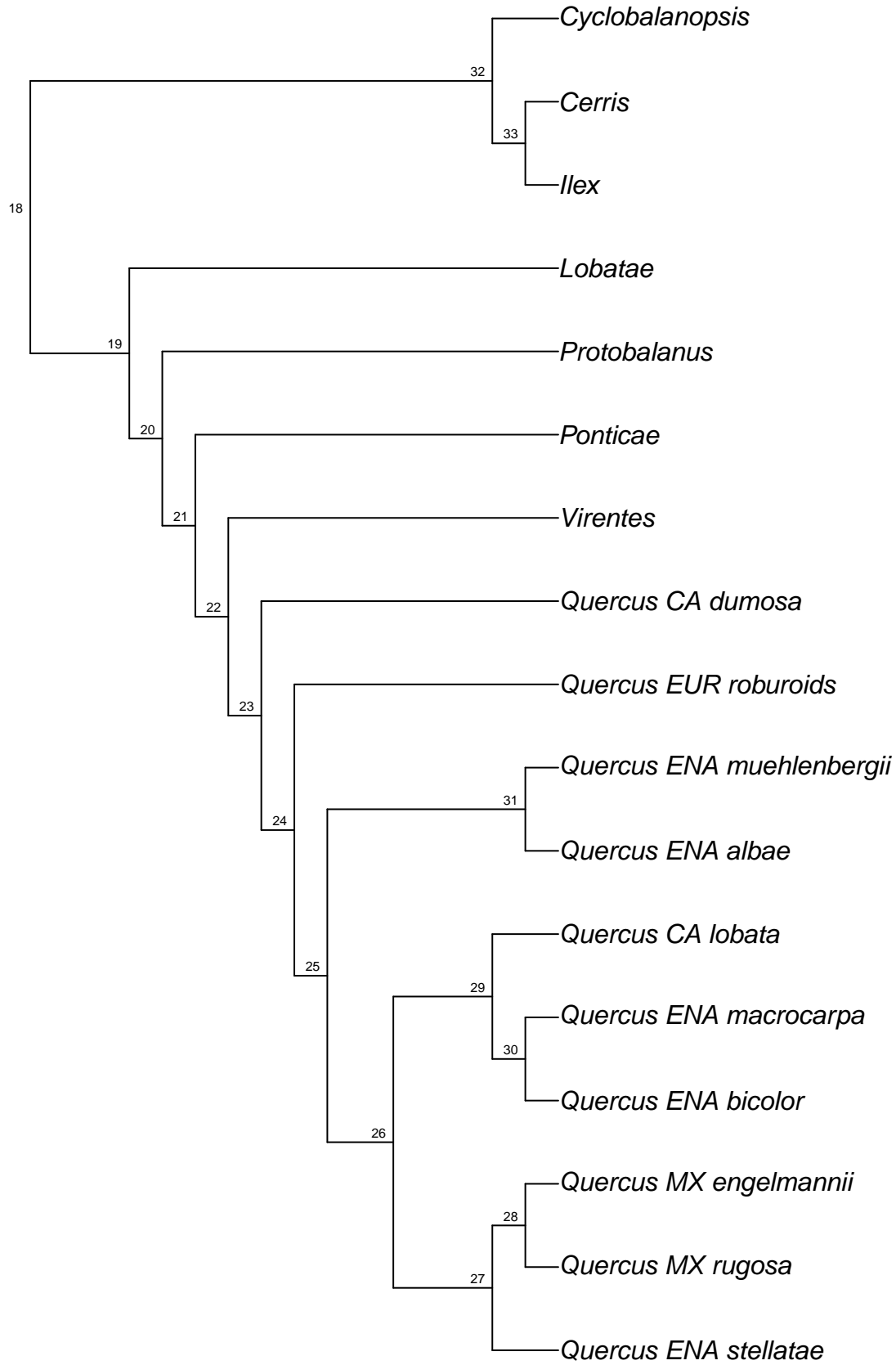
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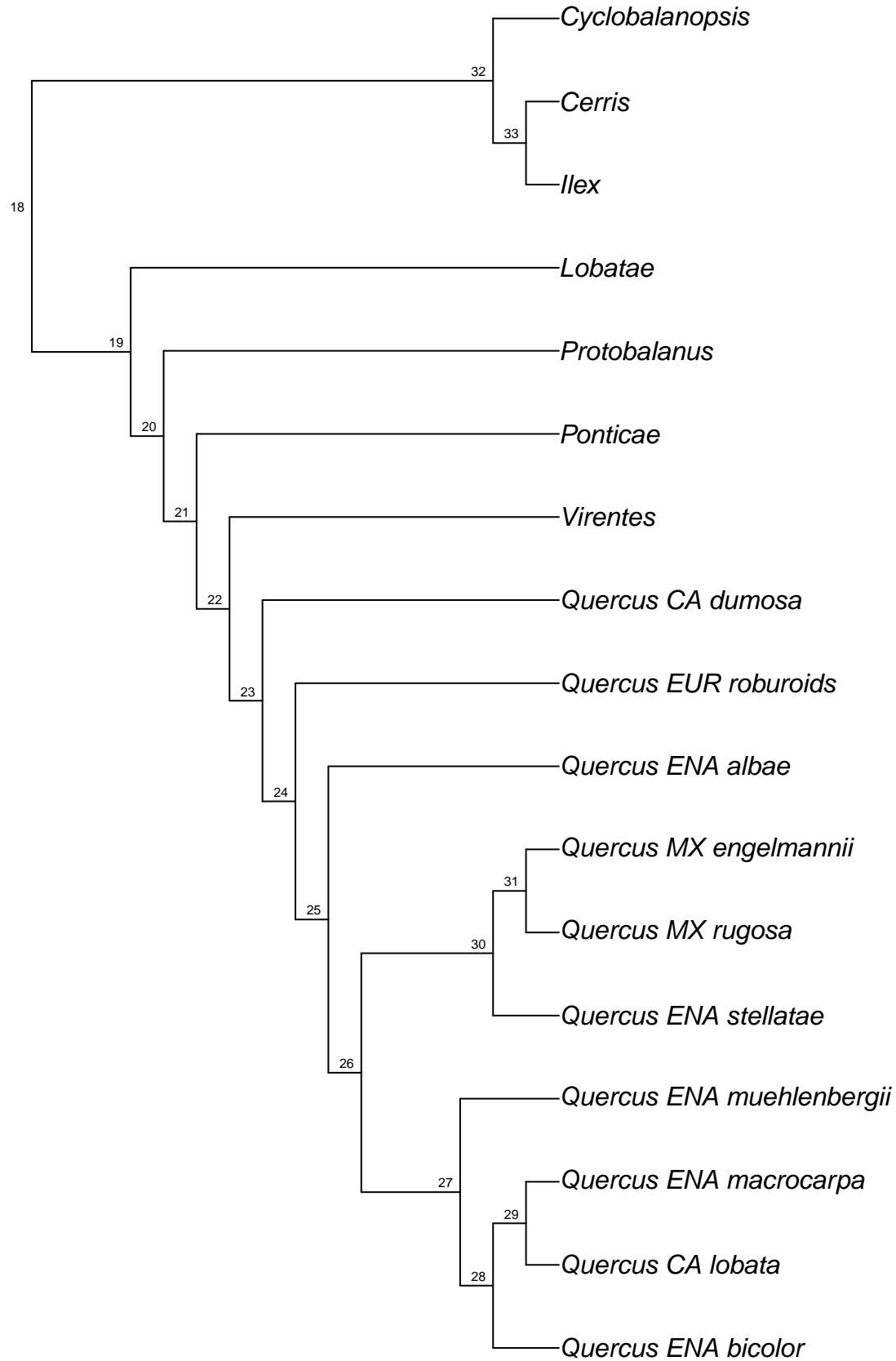
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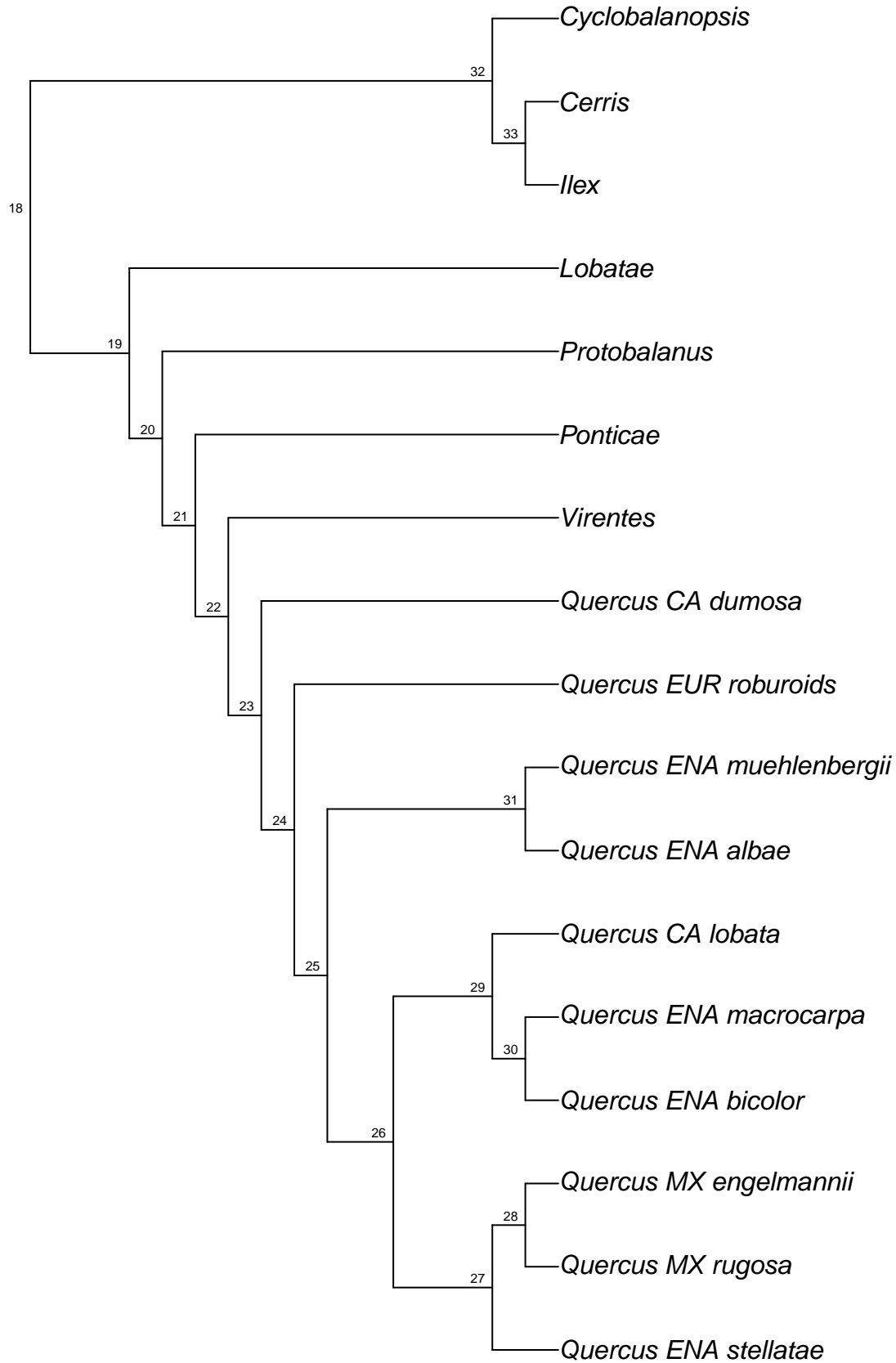
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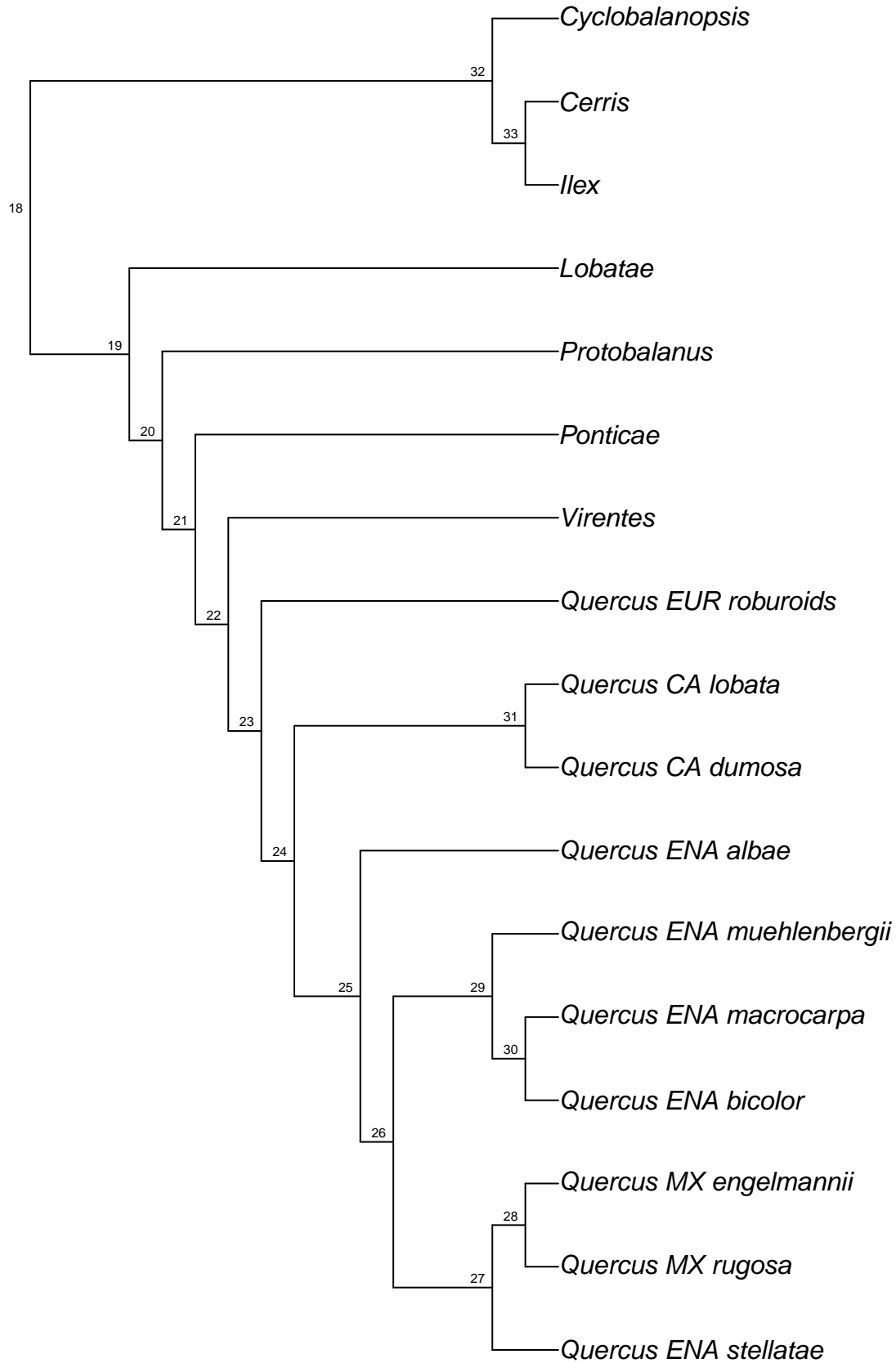
simRAD.simRAD_Qalba_raxml.bt048



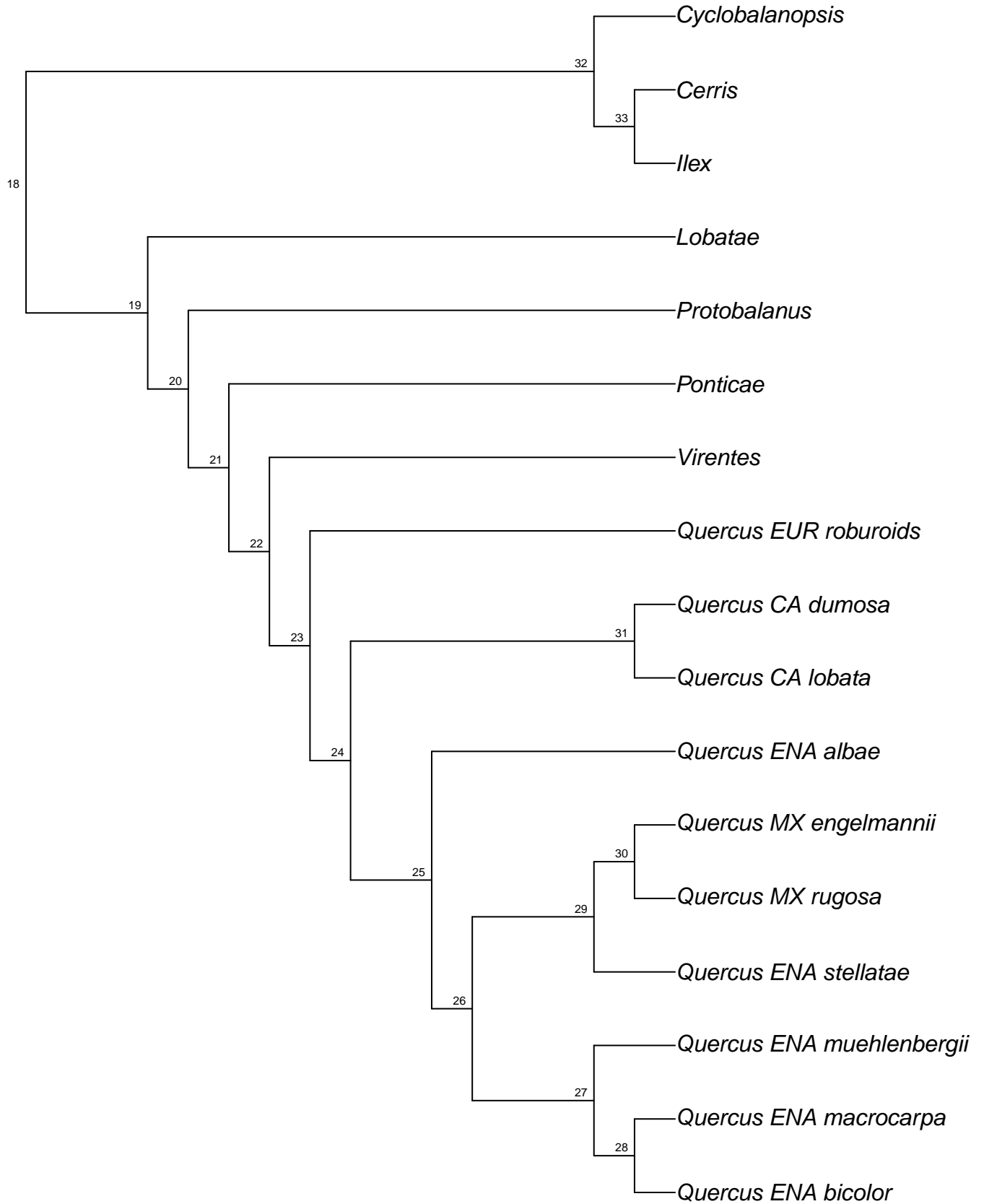
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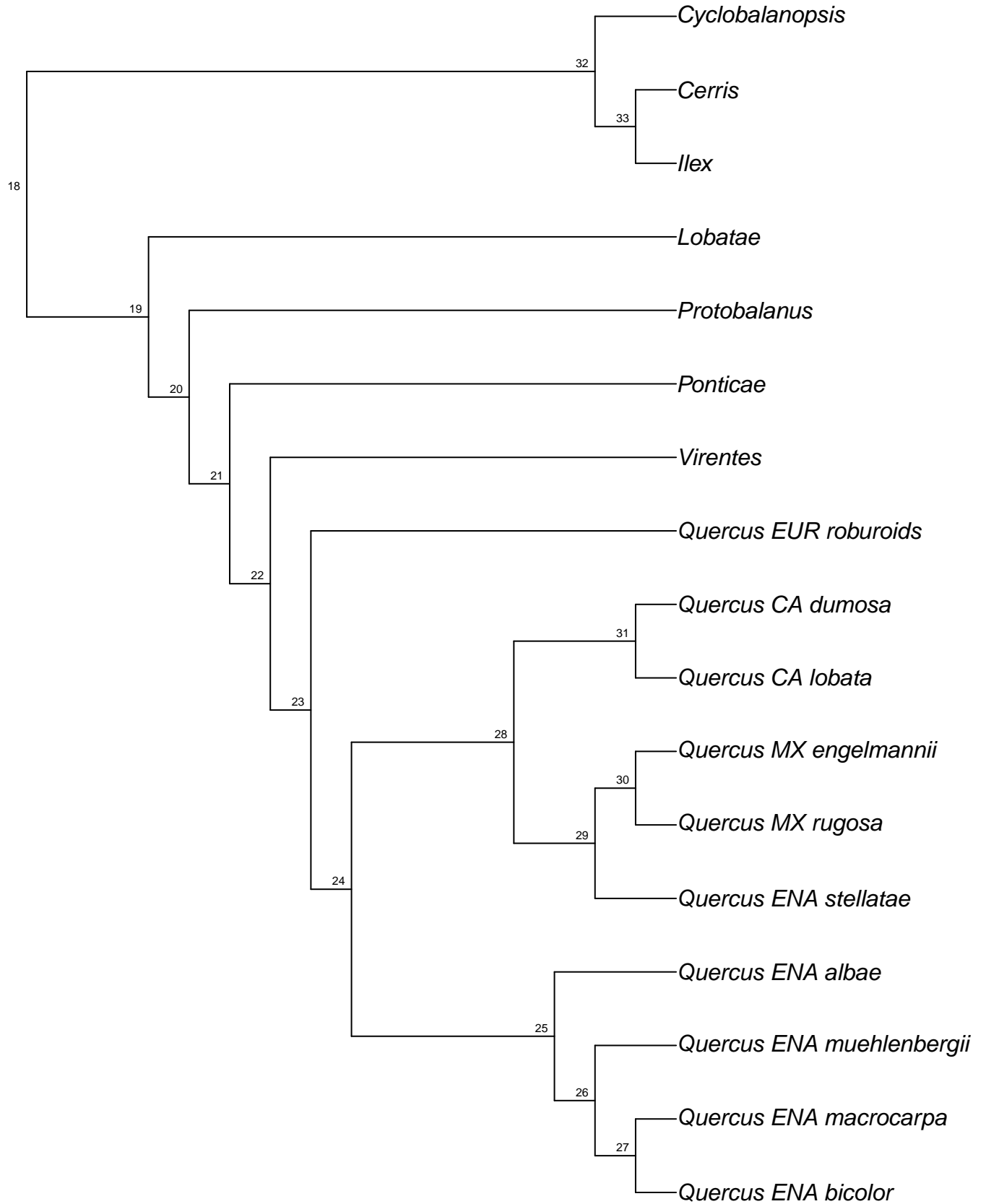
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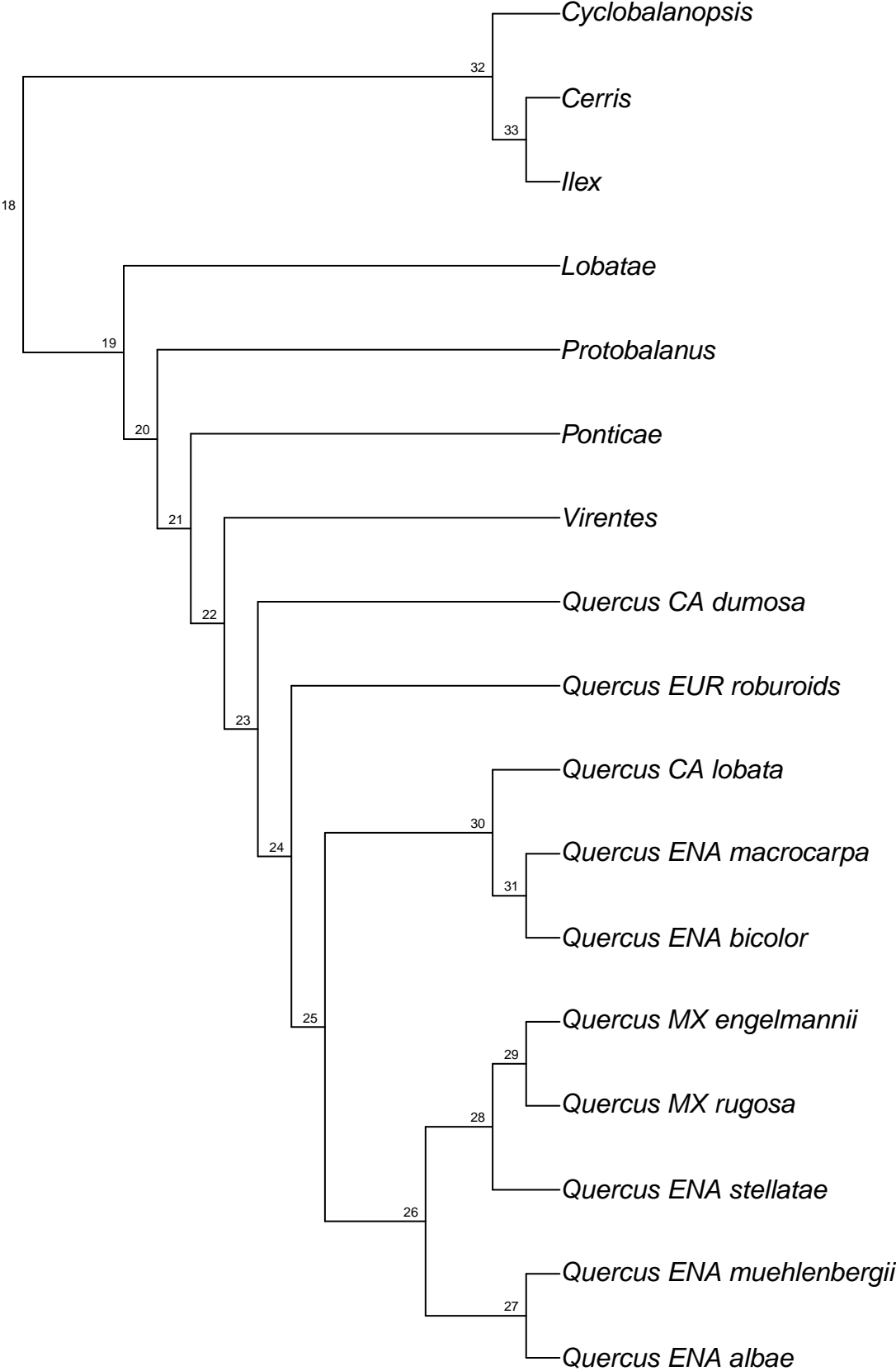
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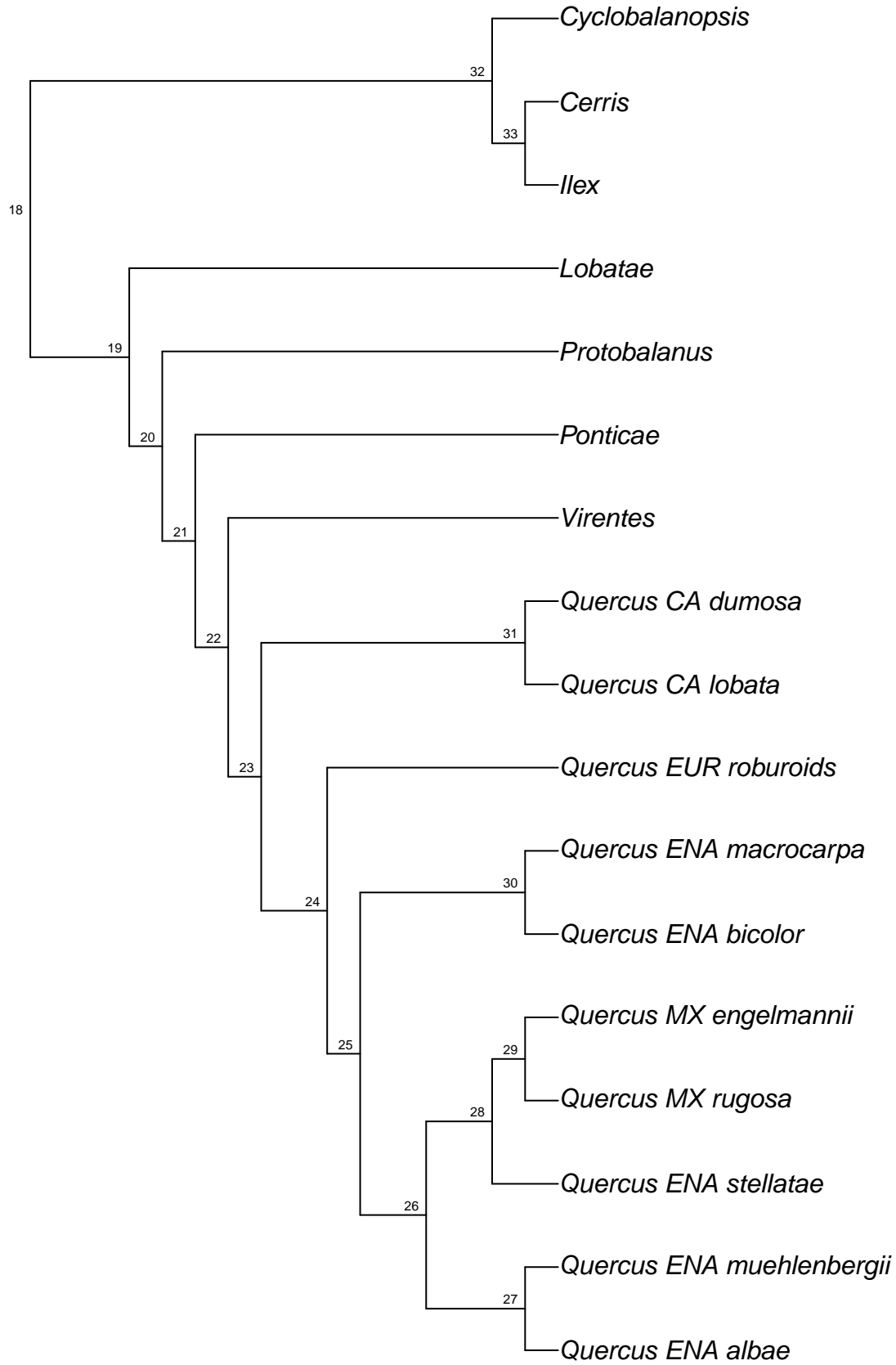
simRAD.simRAD_Qalba_raxml.bt052



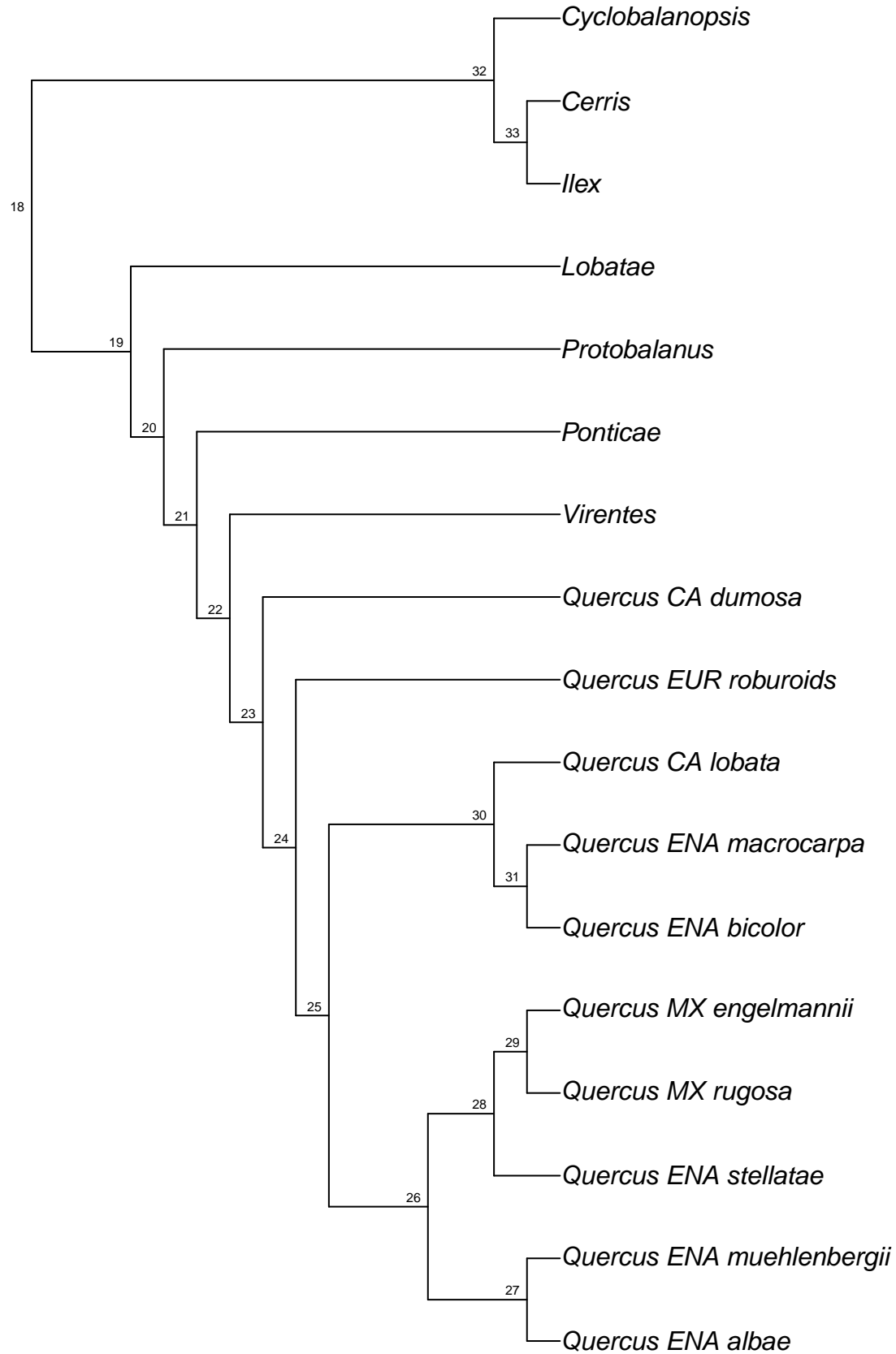
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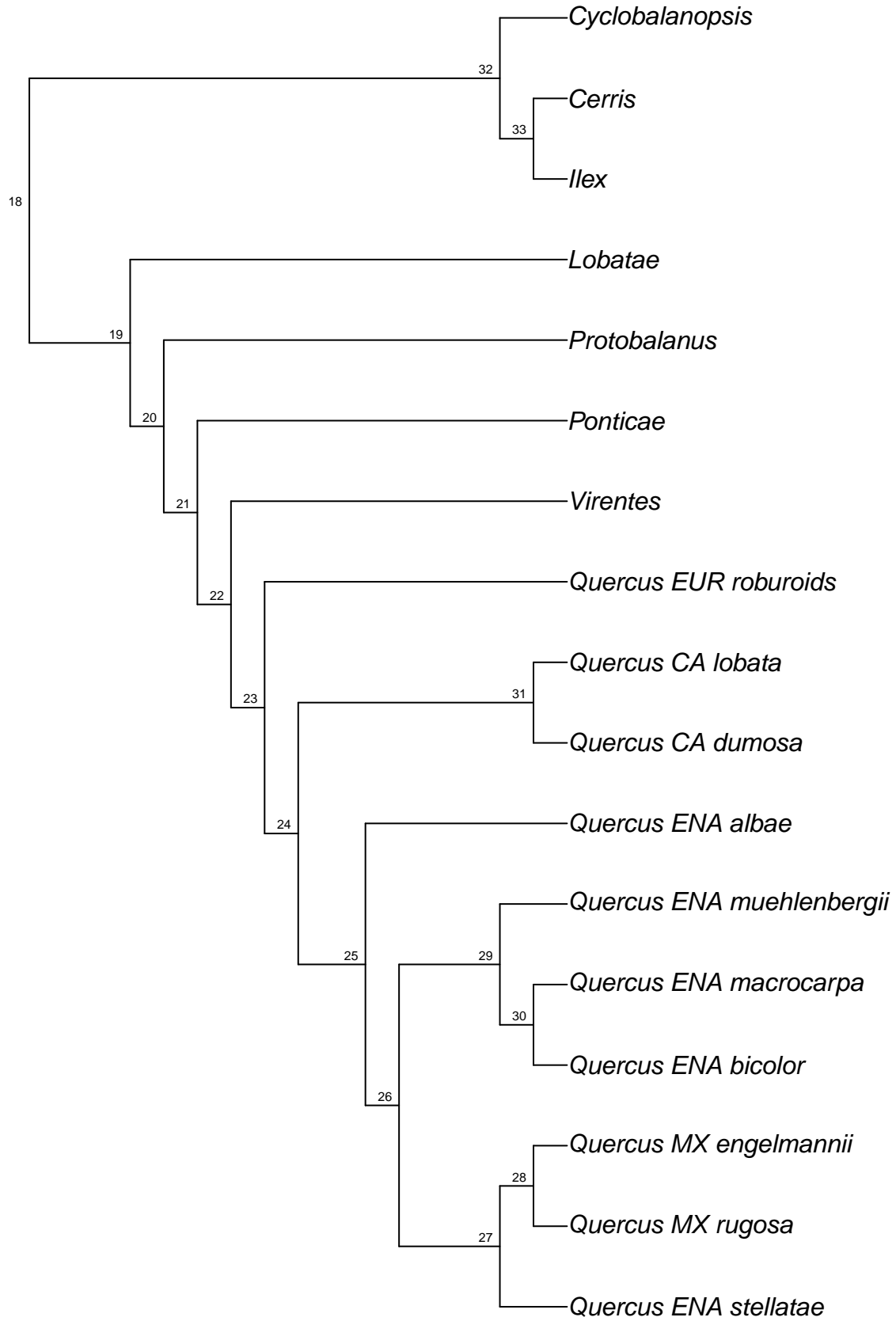
simRAD.simRAD_Qalba_raxml.bt054



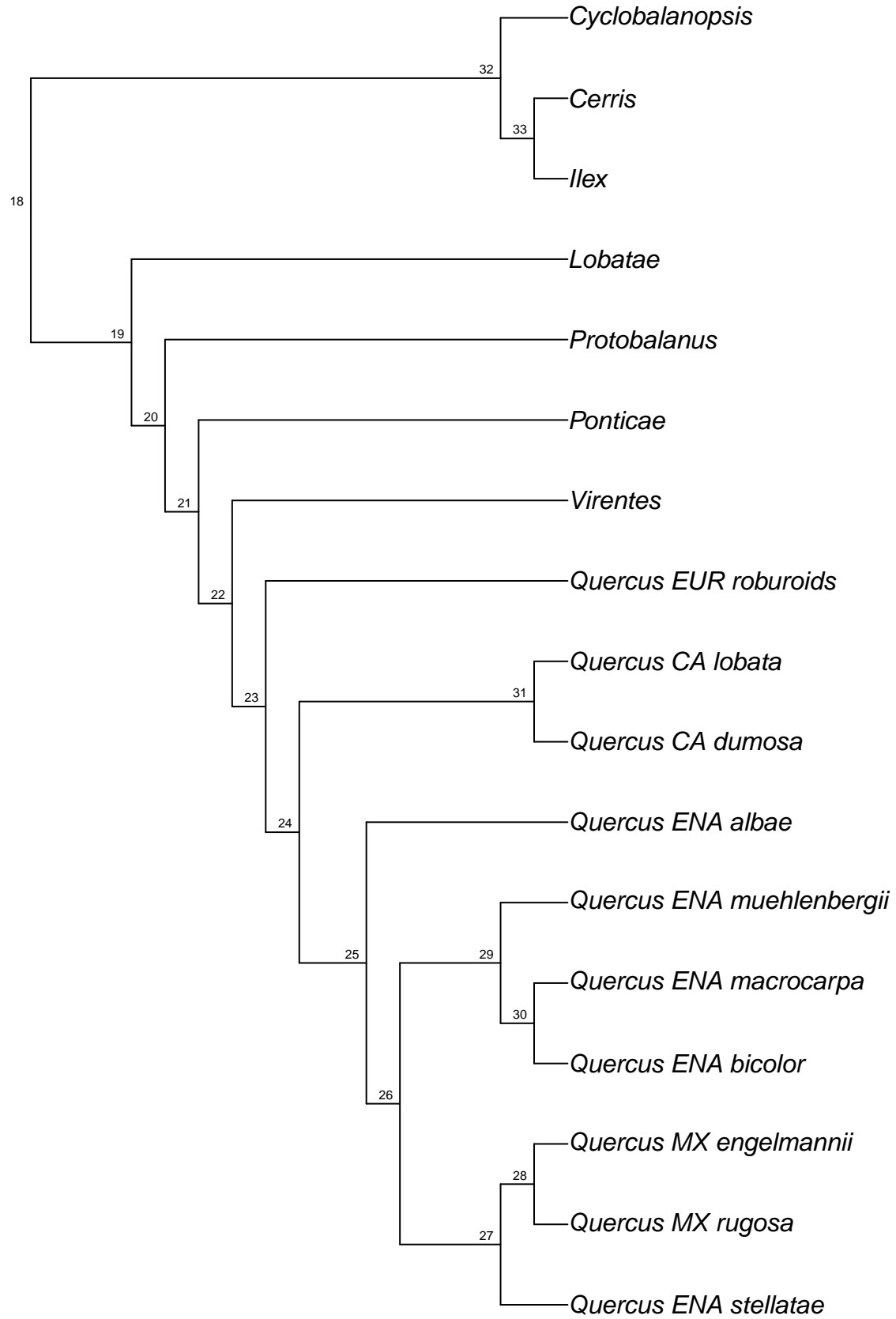
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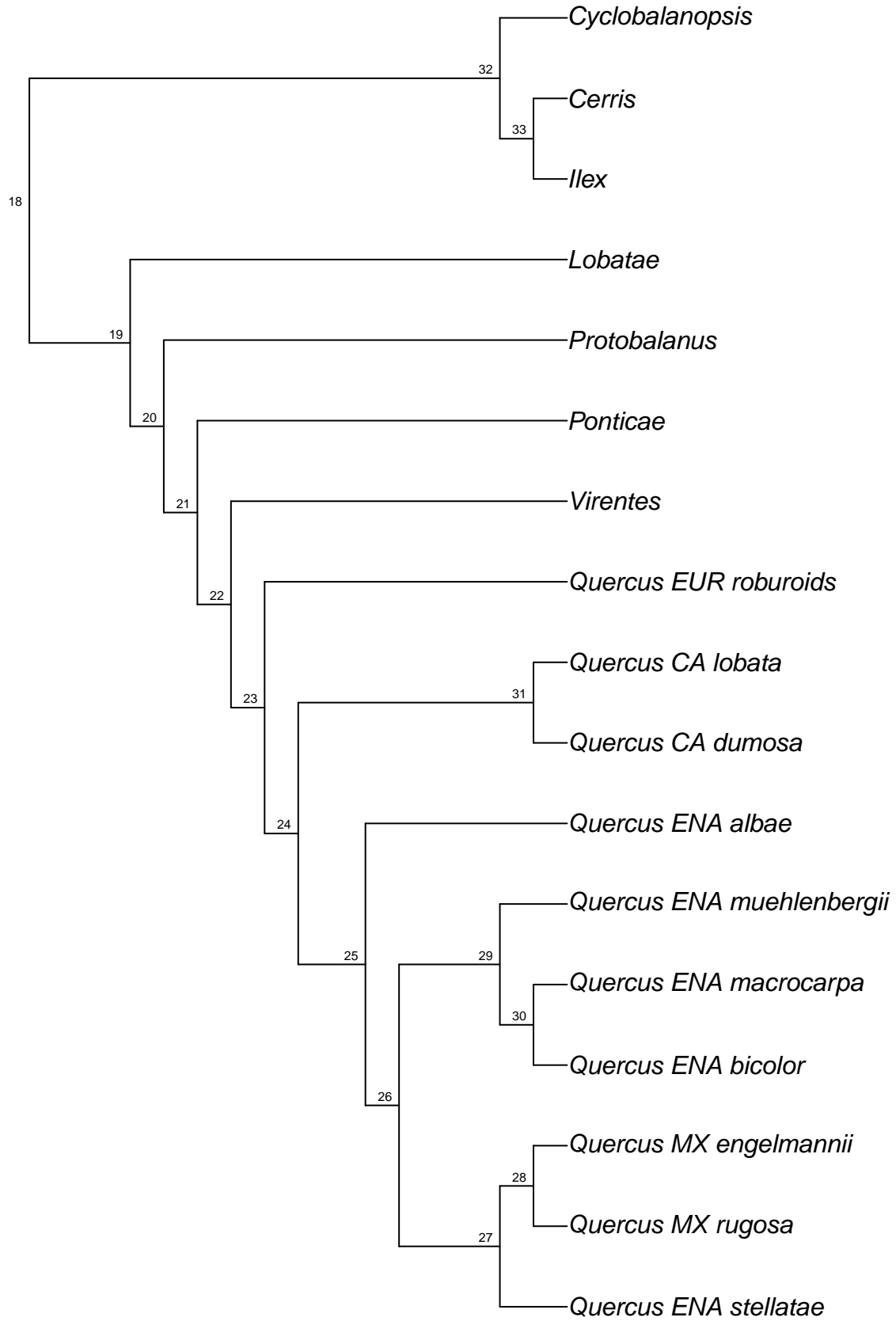
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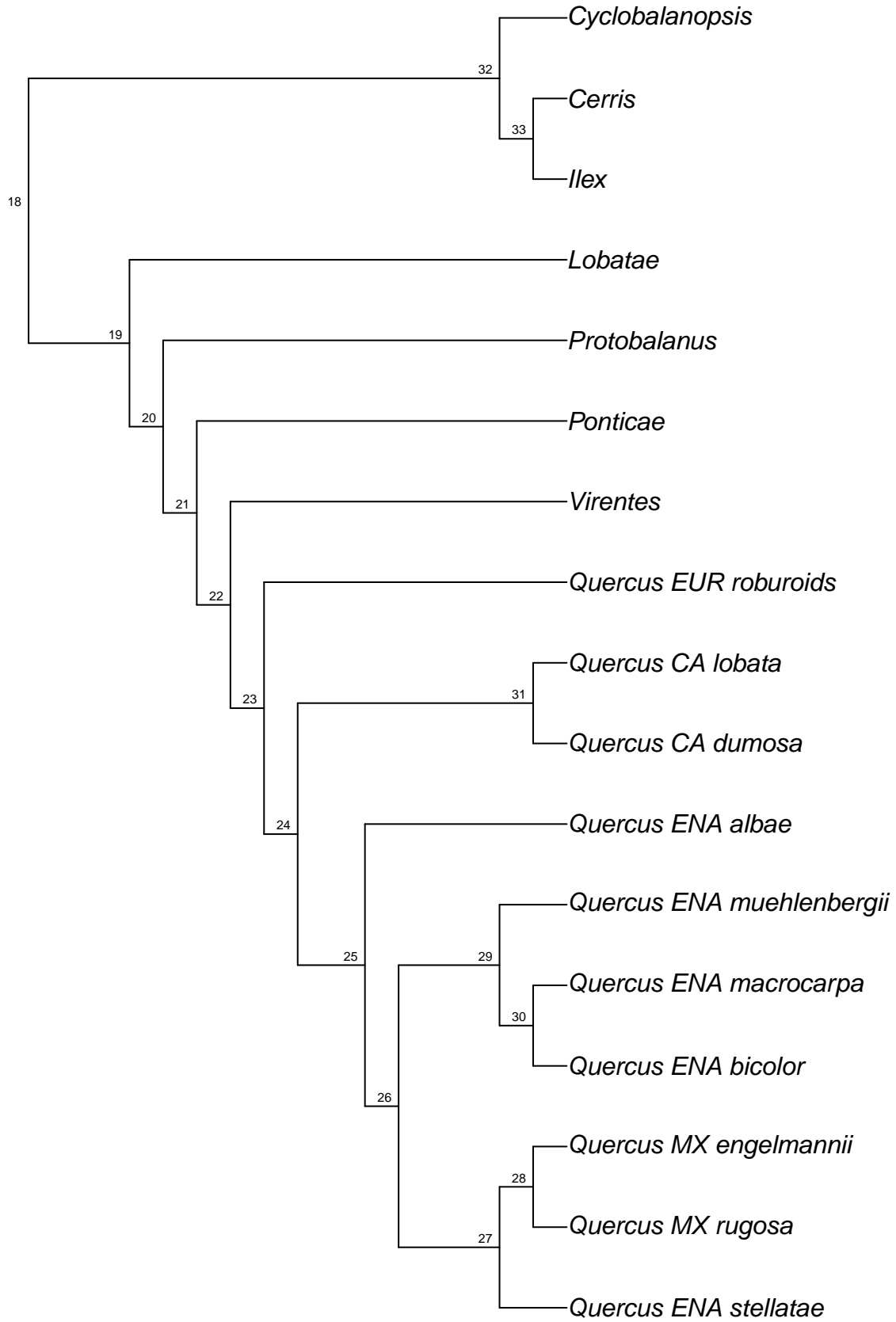
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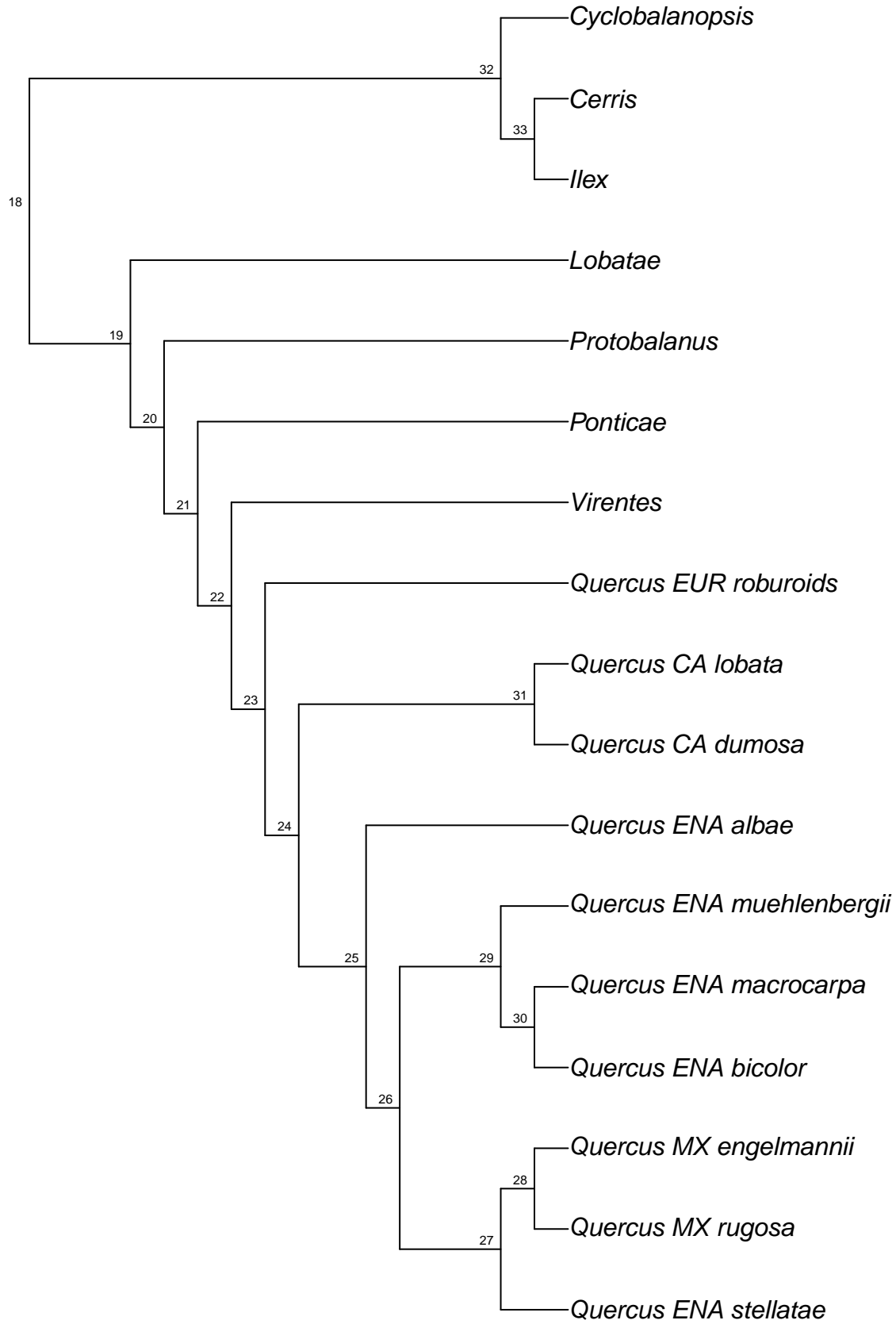
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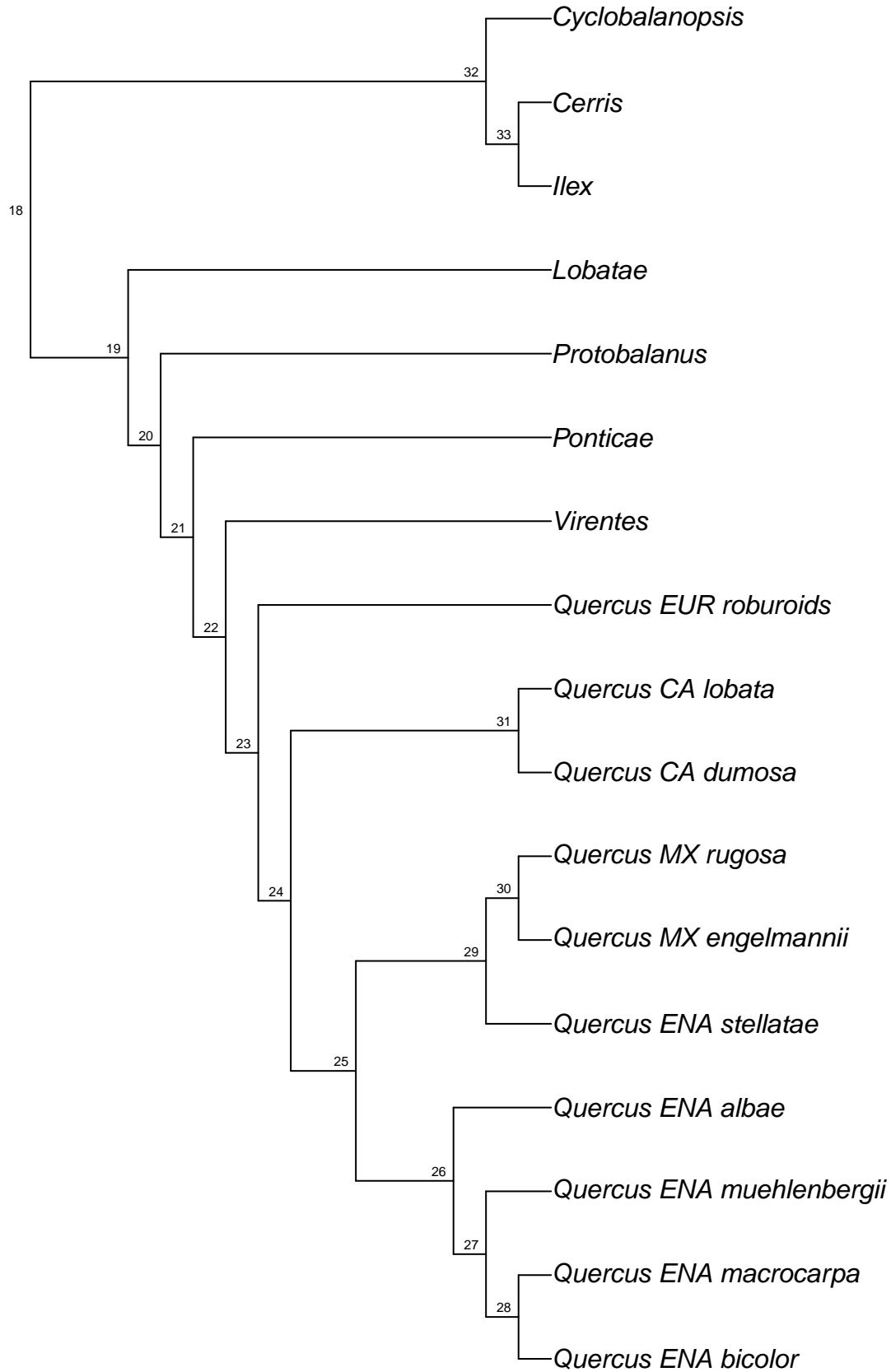
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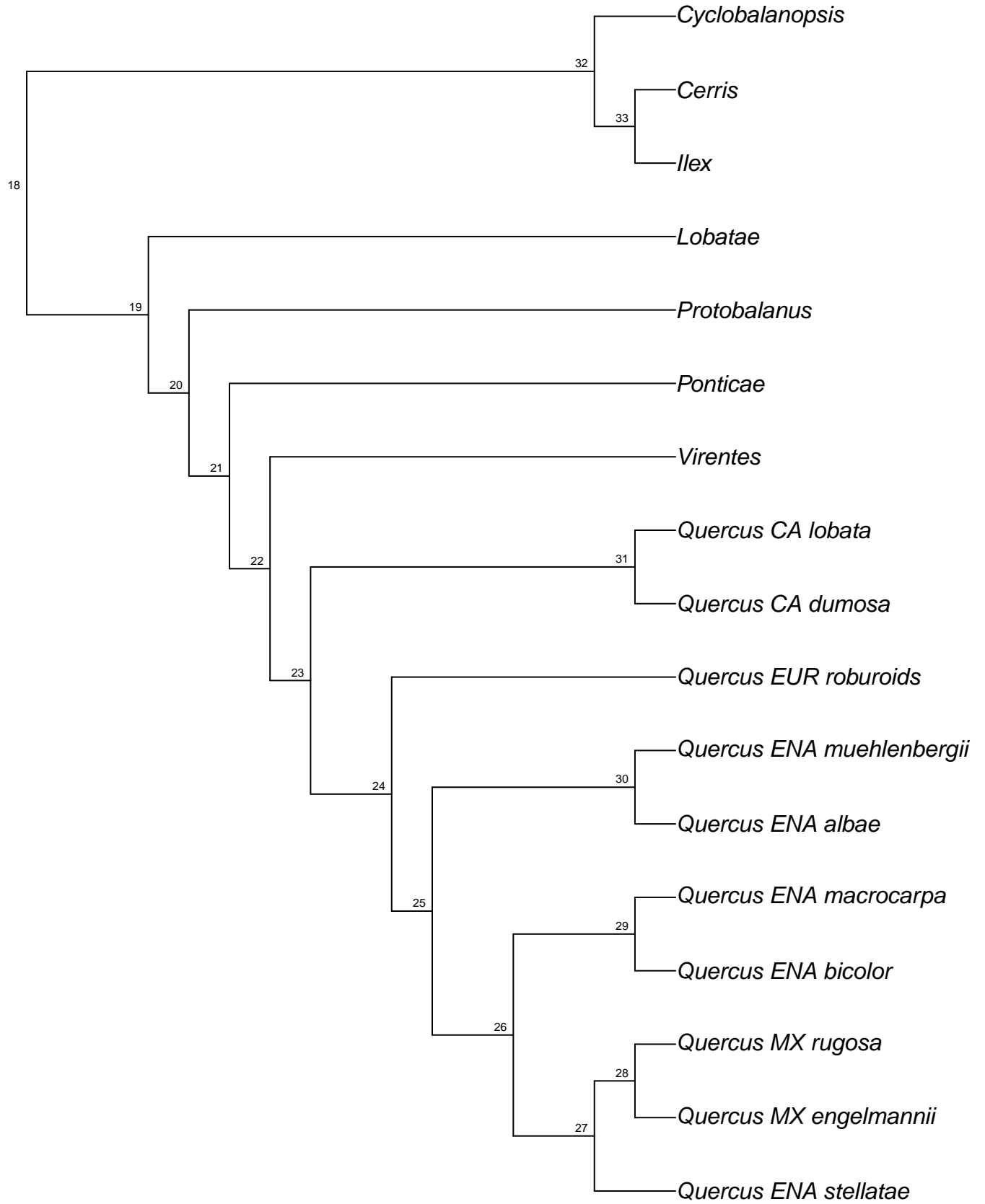
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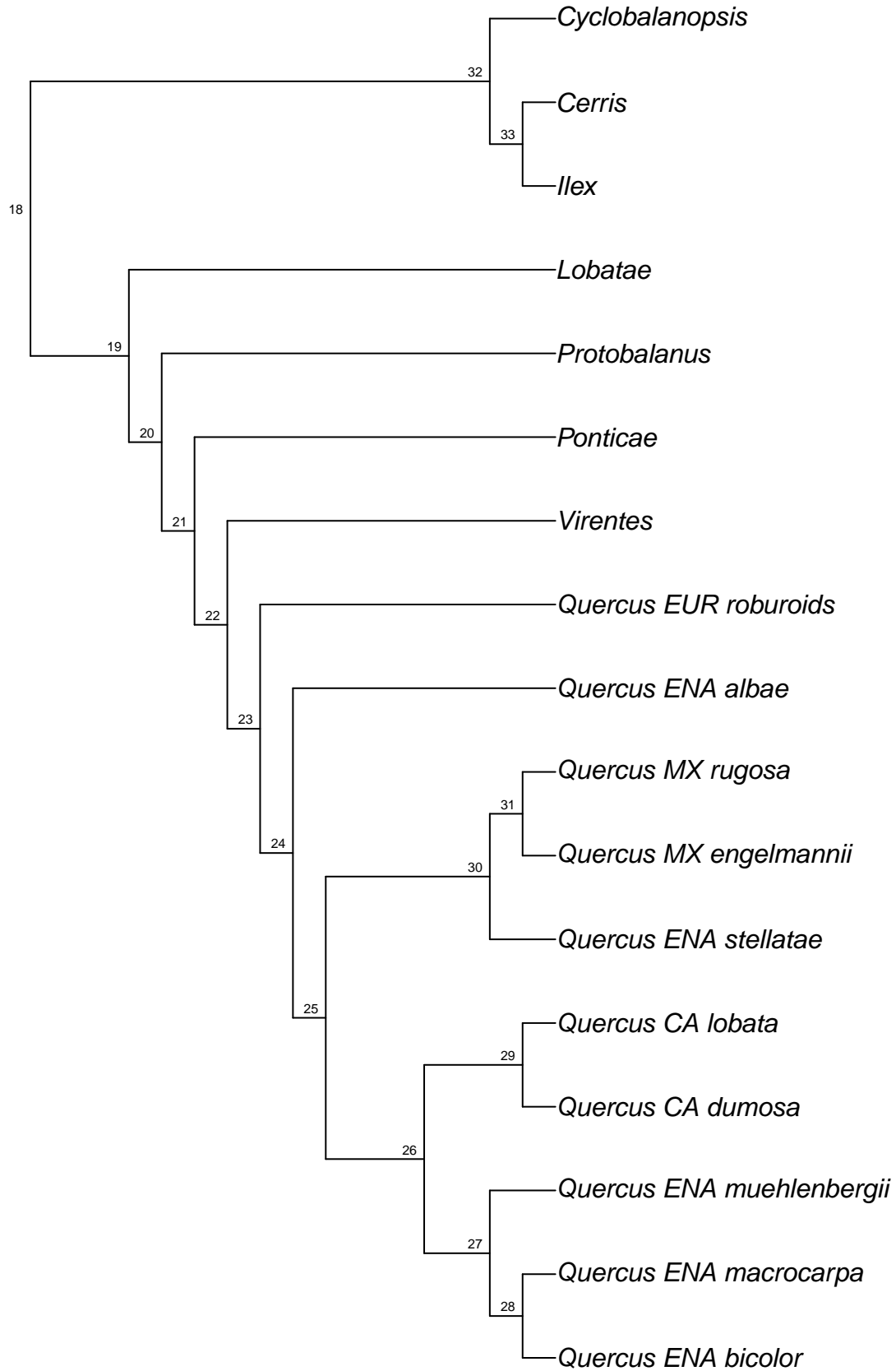
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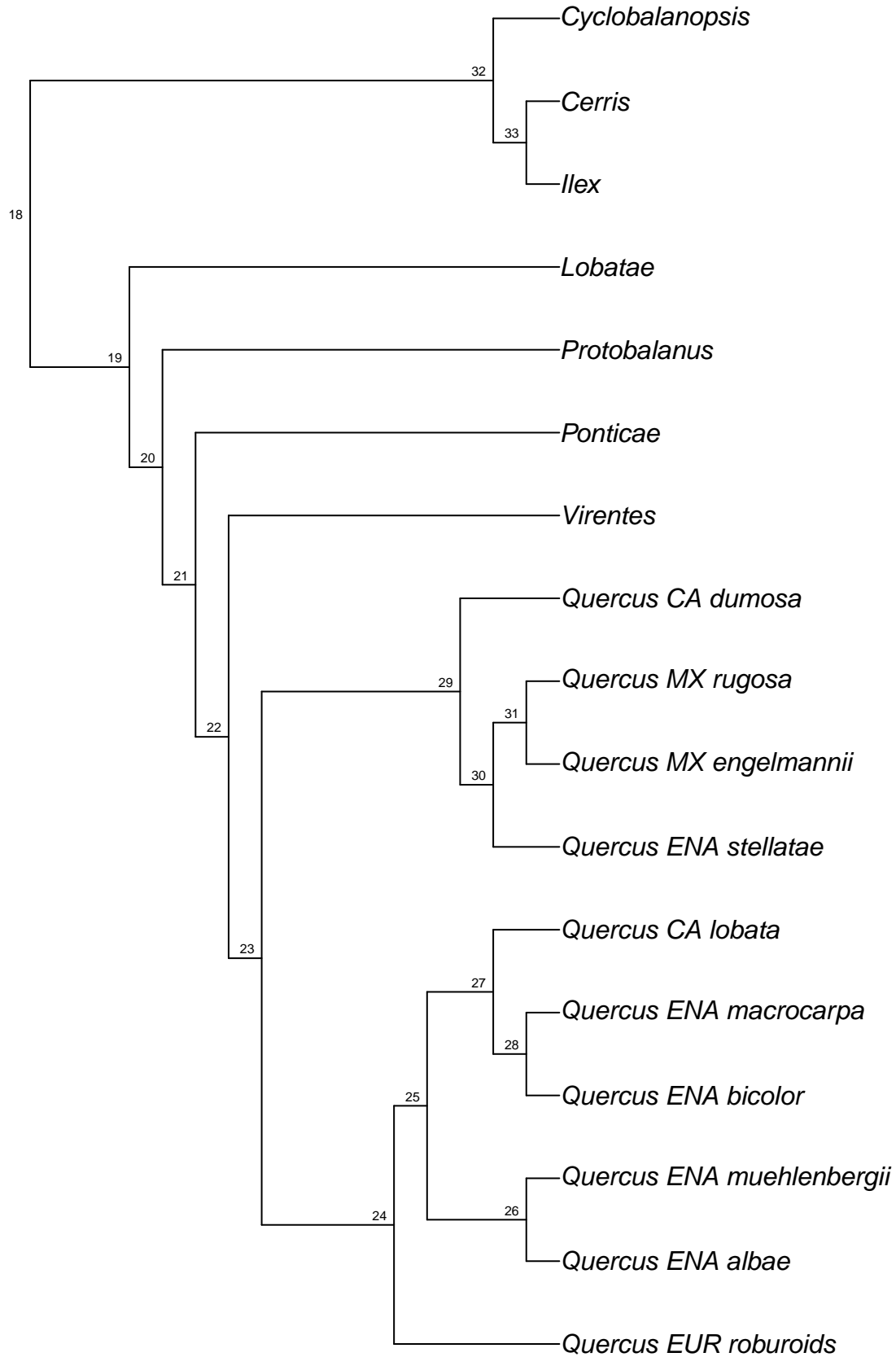
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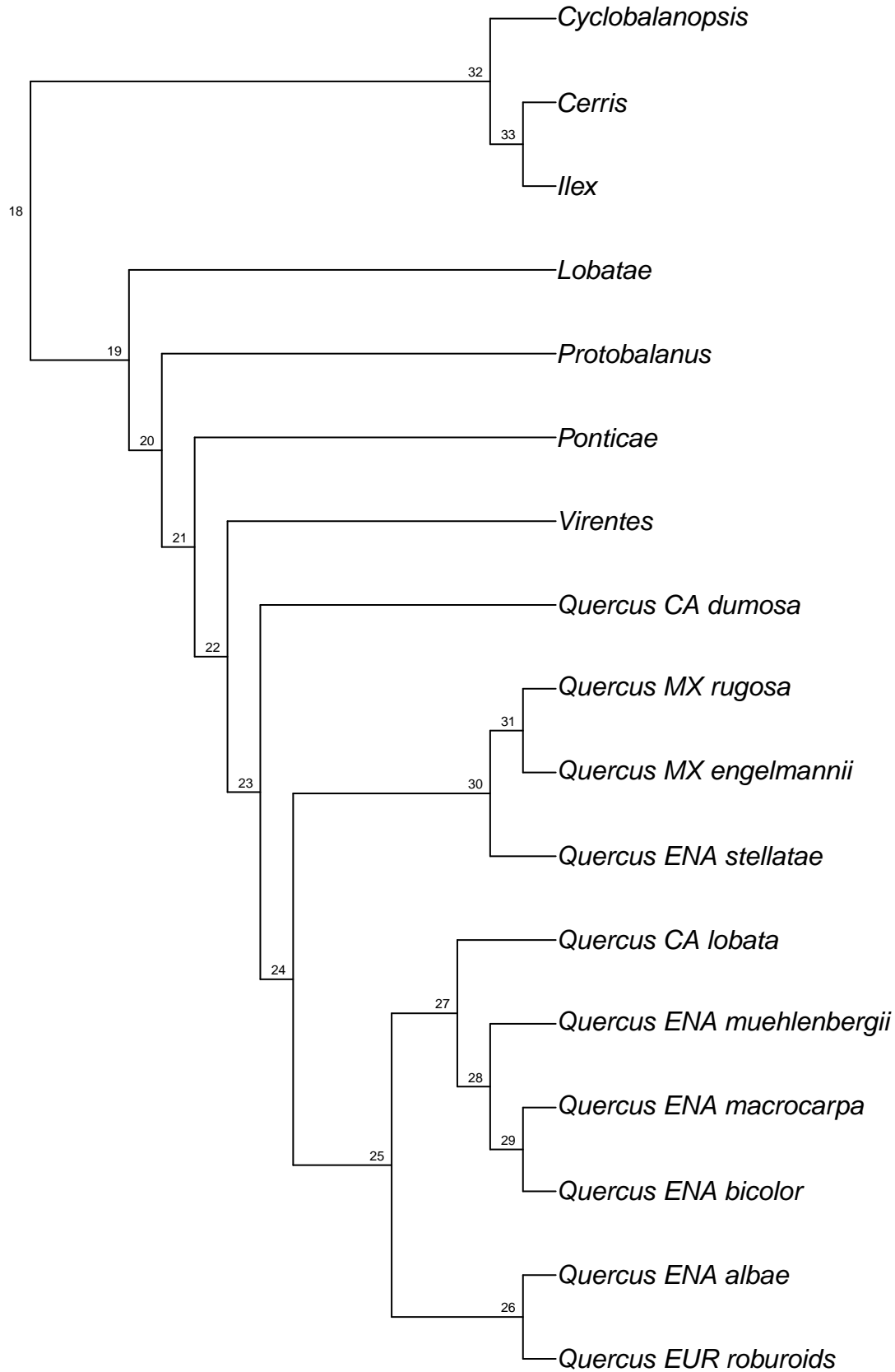
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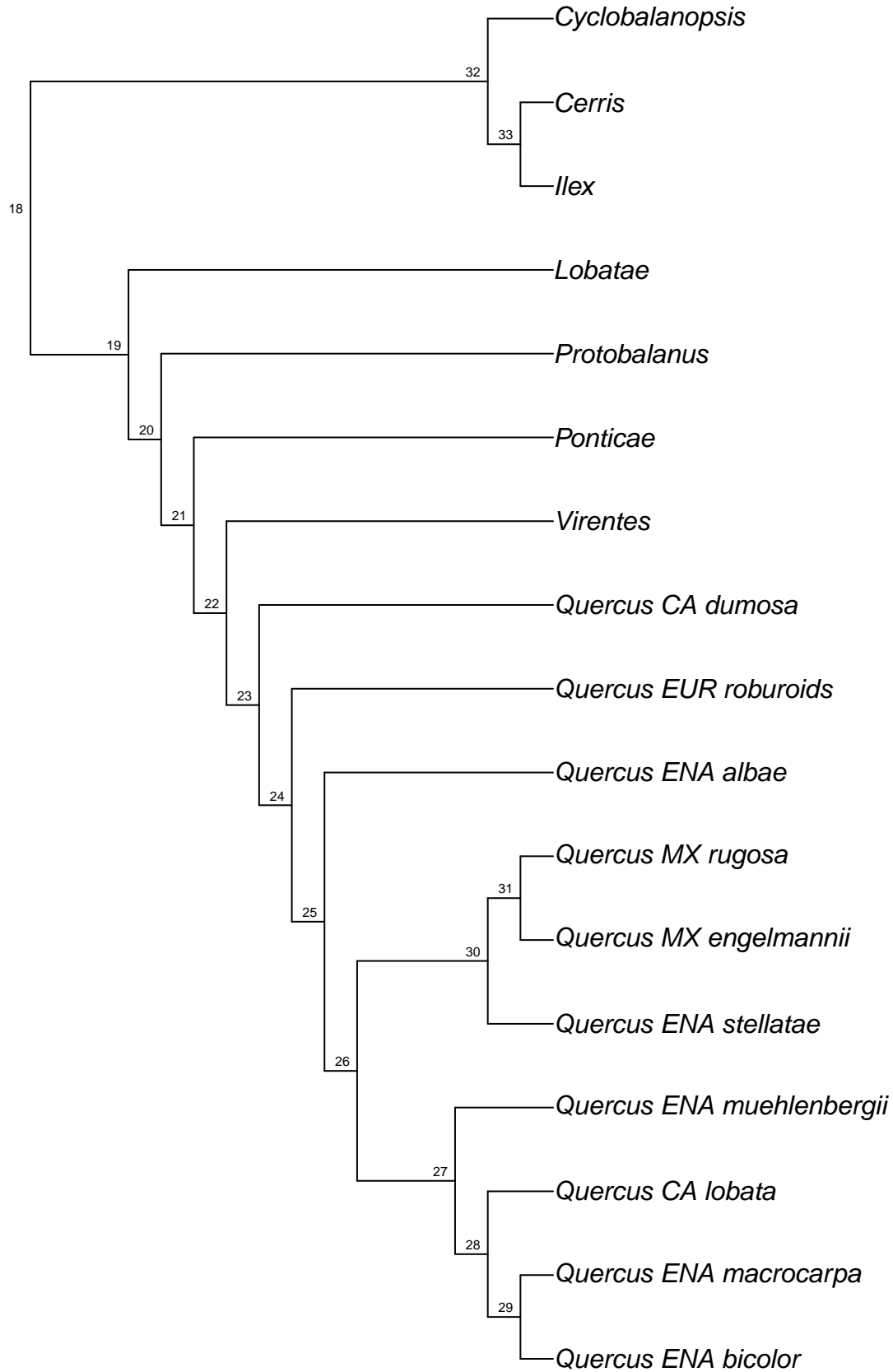
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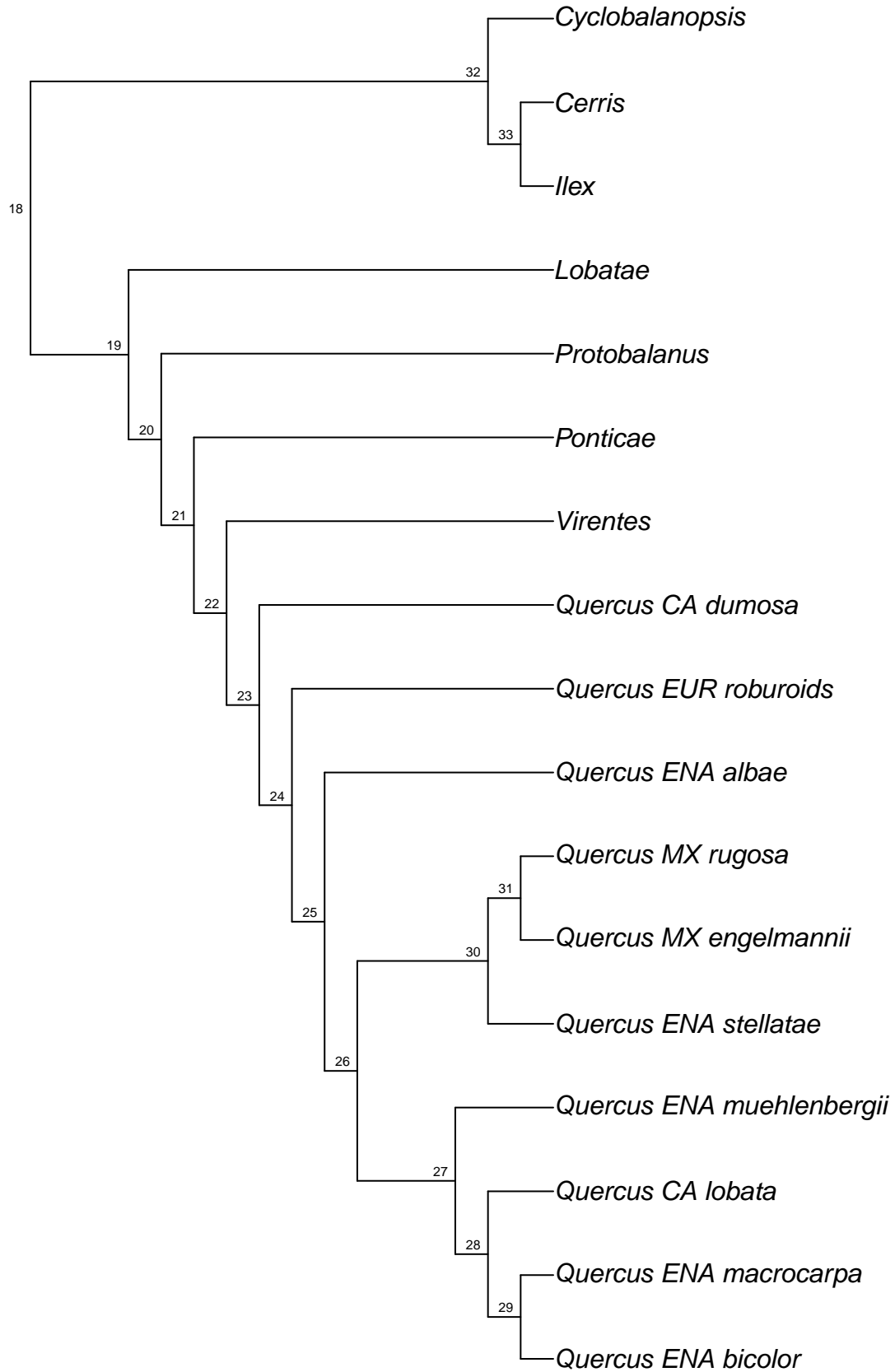
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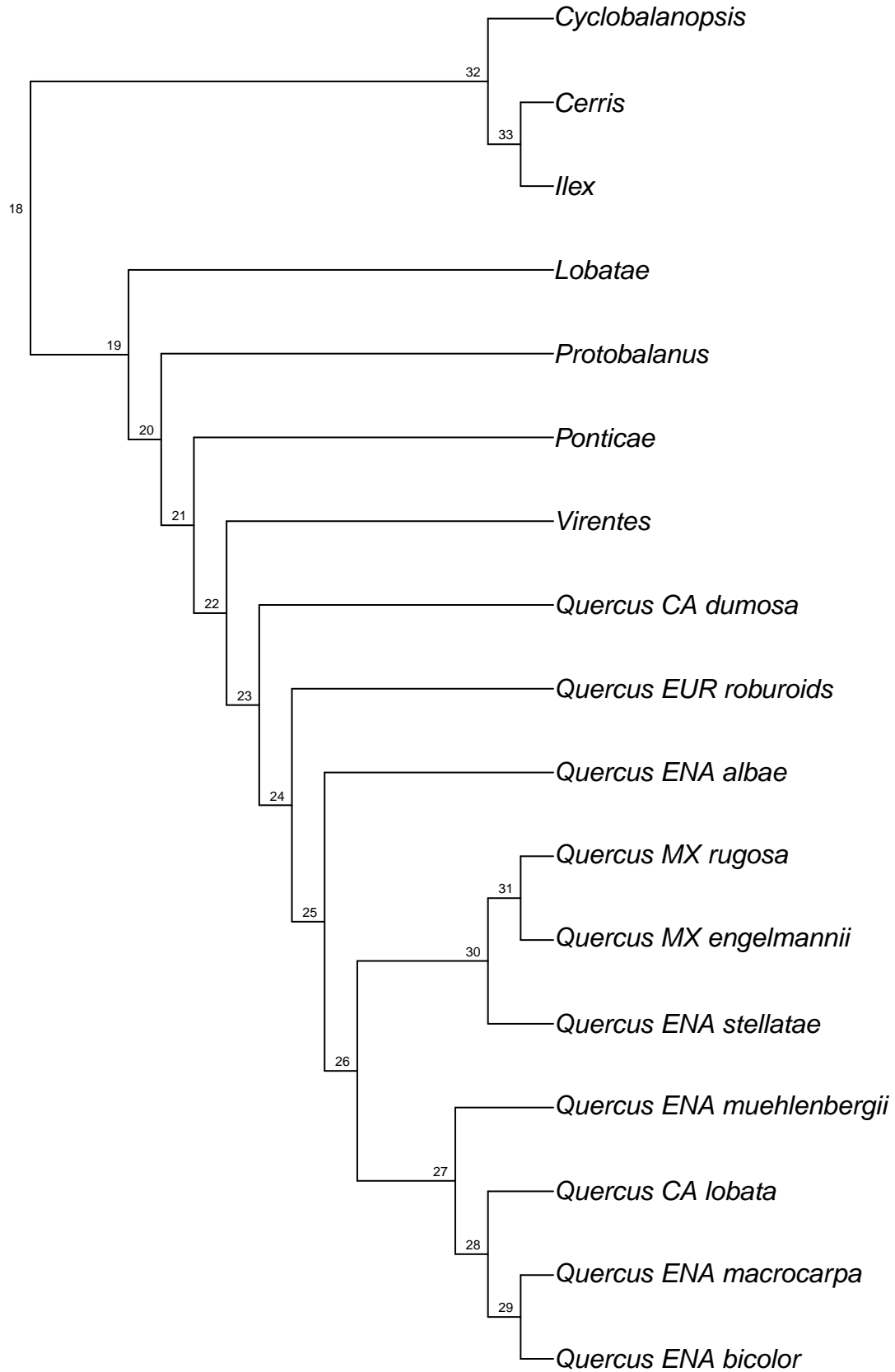
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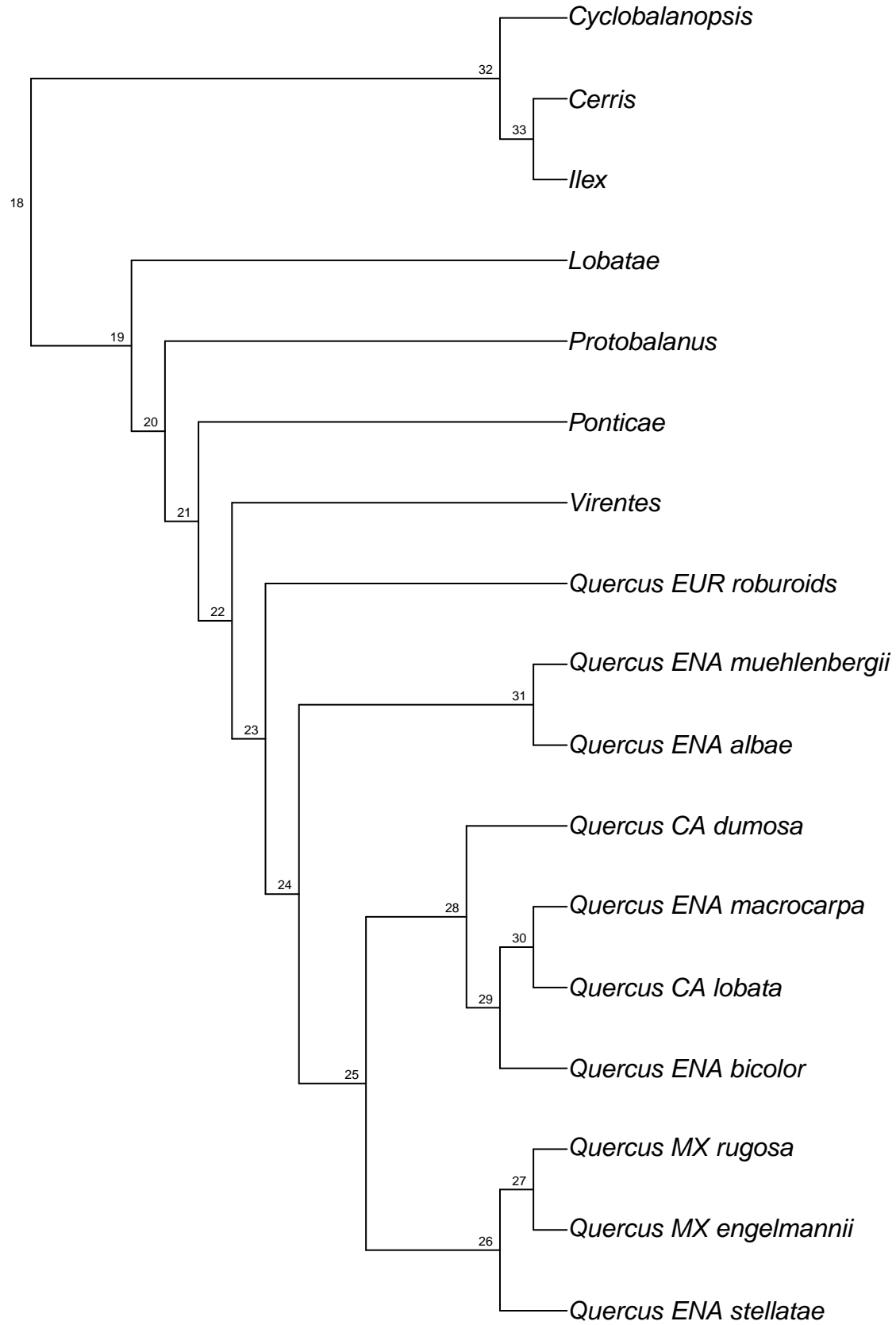
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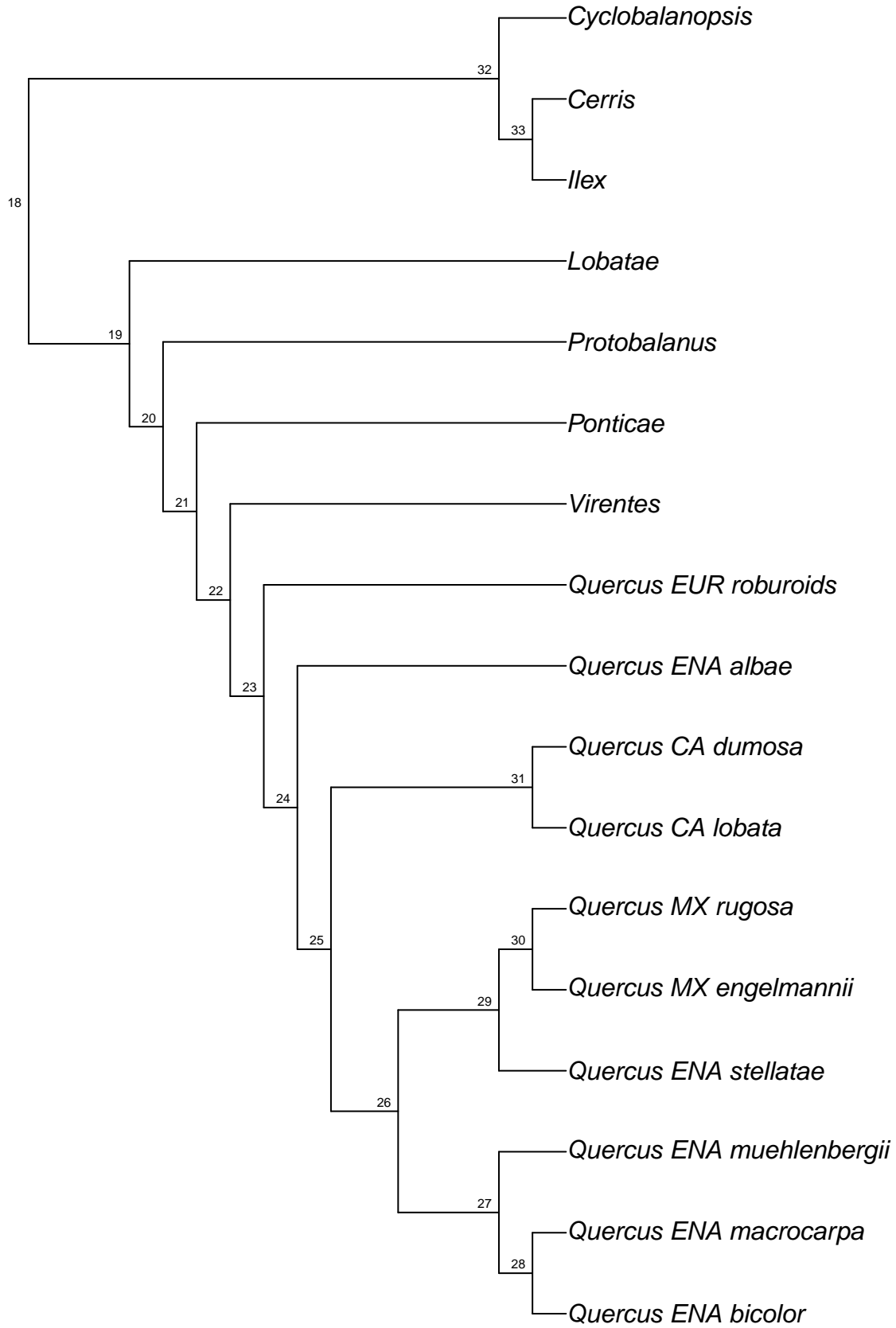
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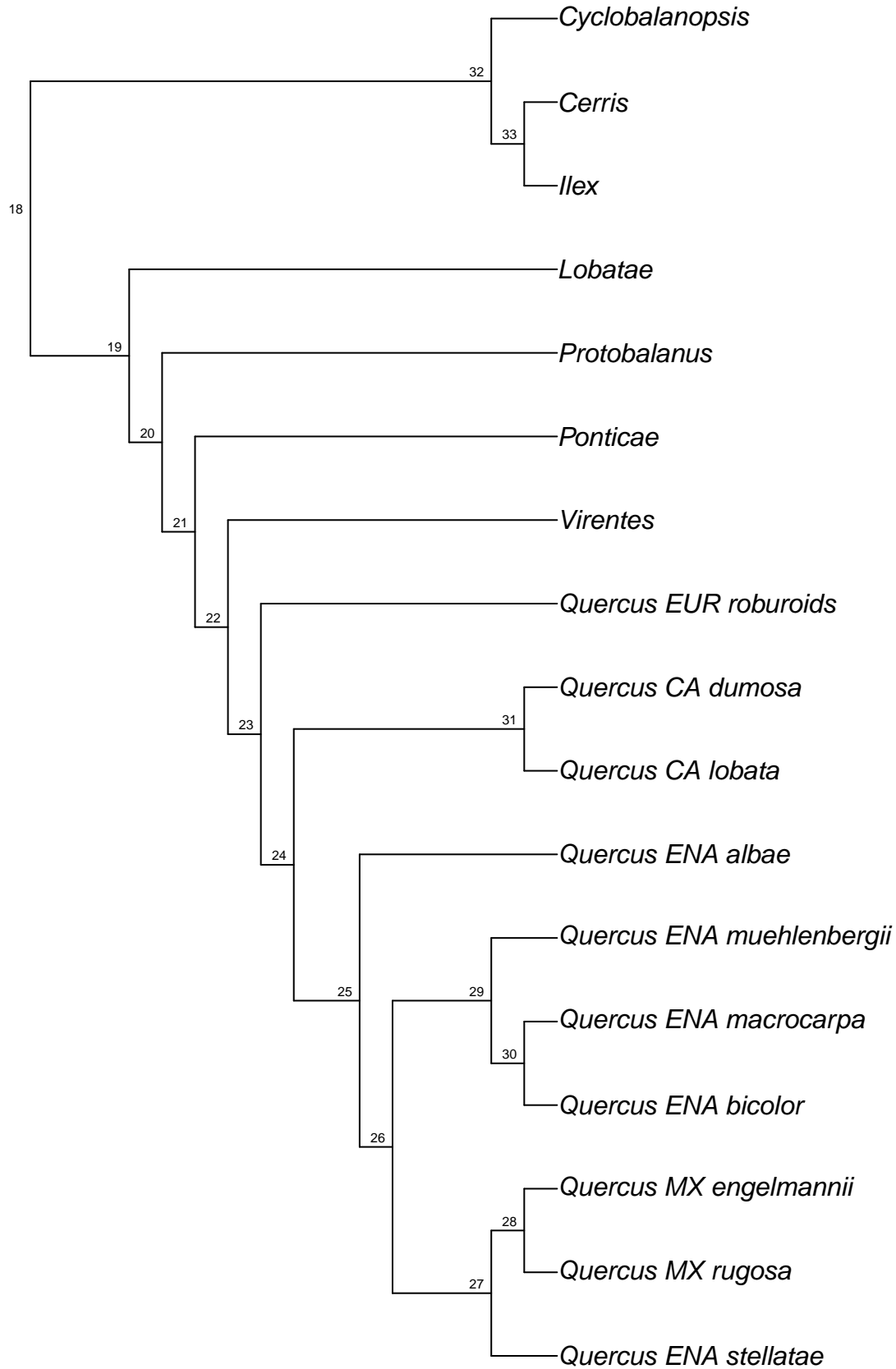
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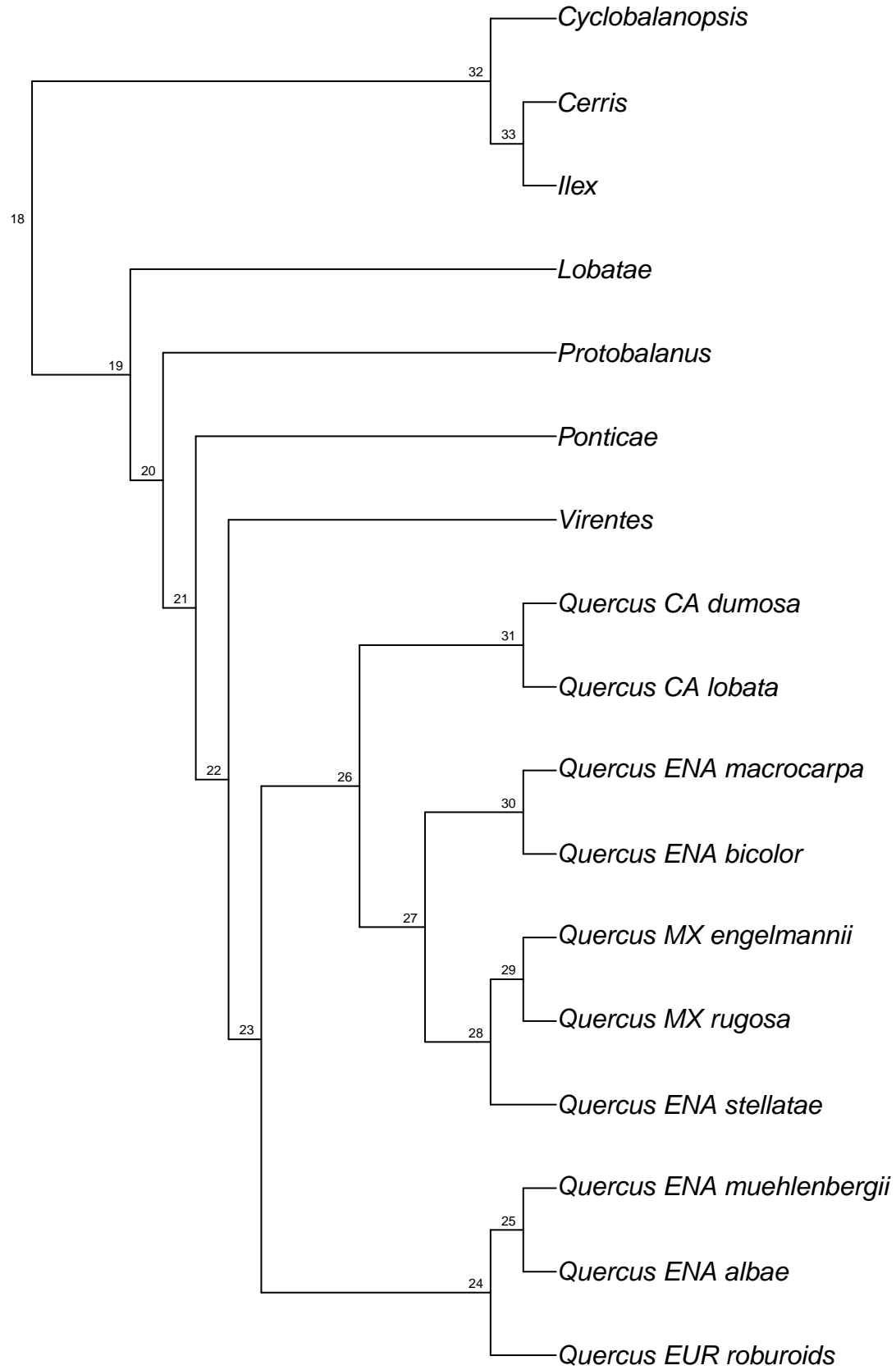
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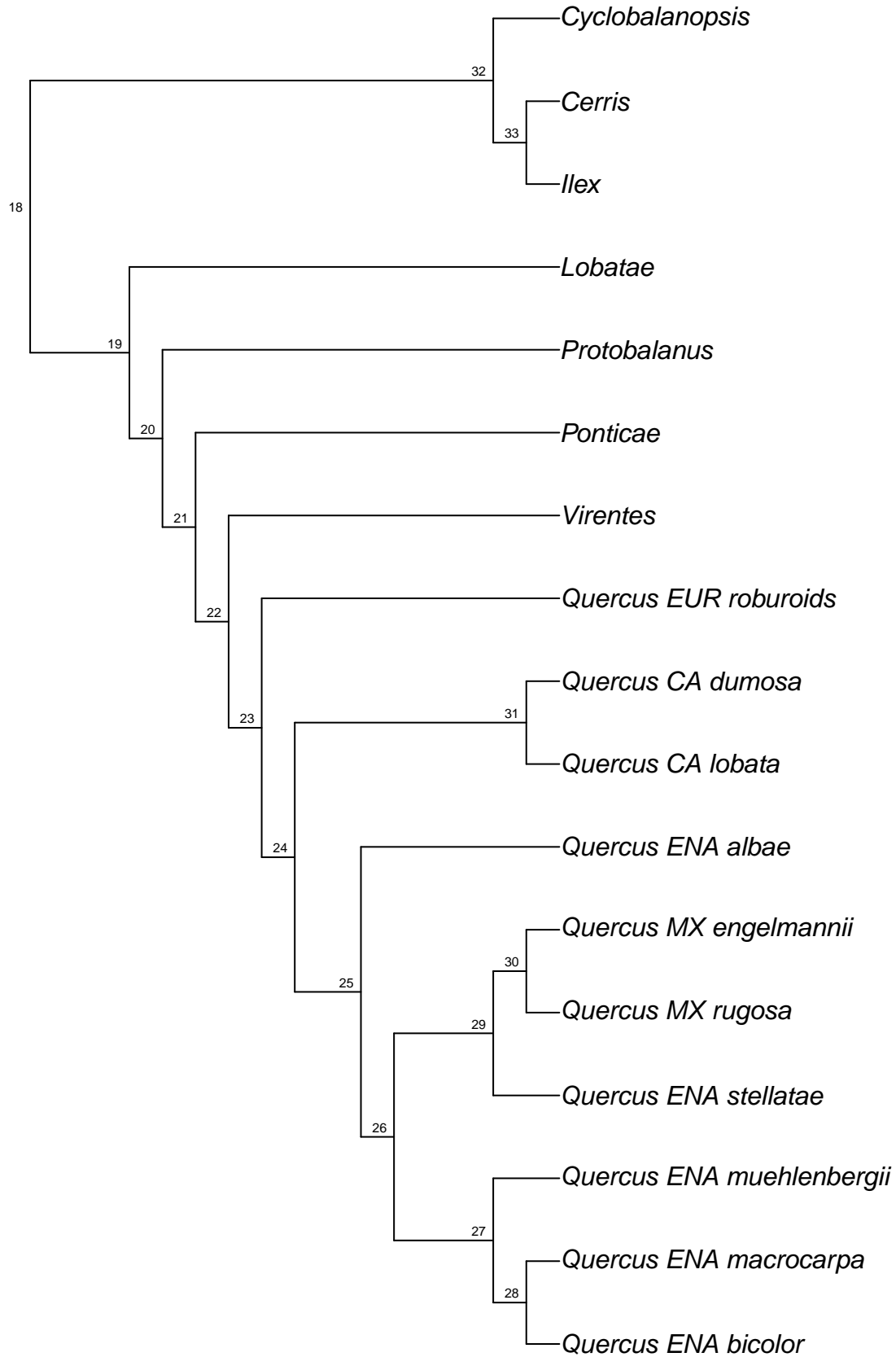
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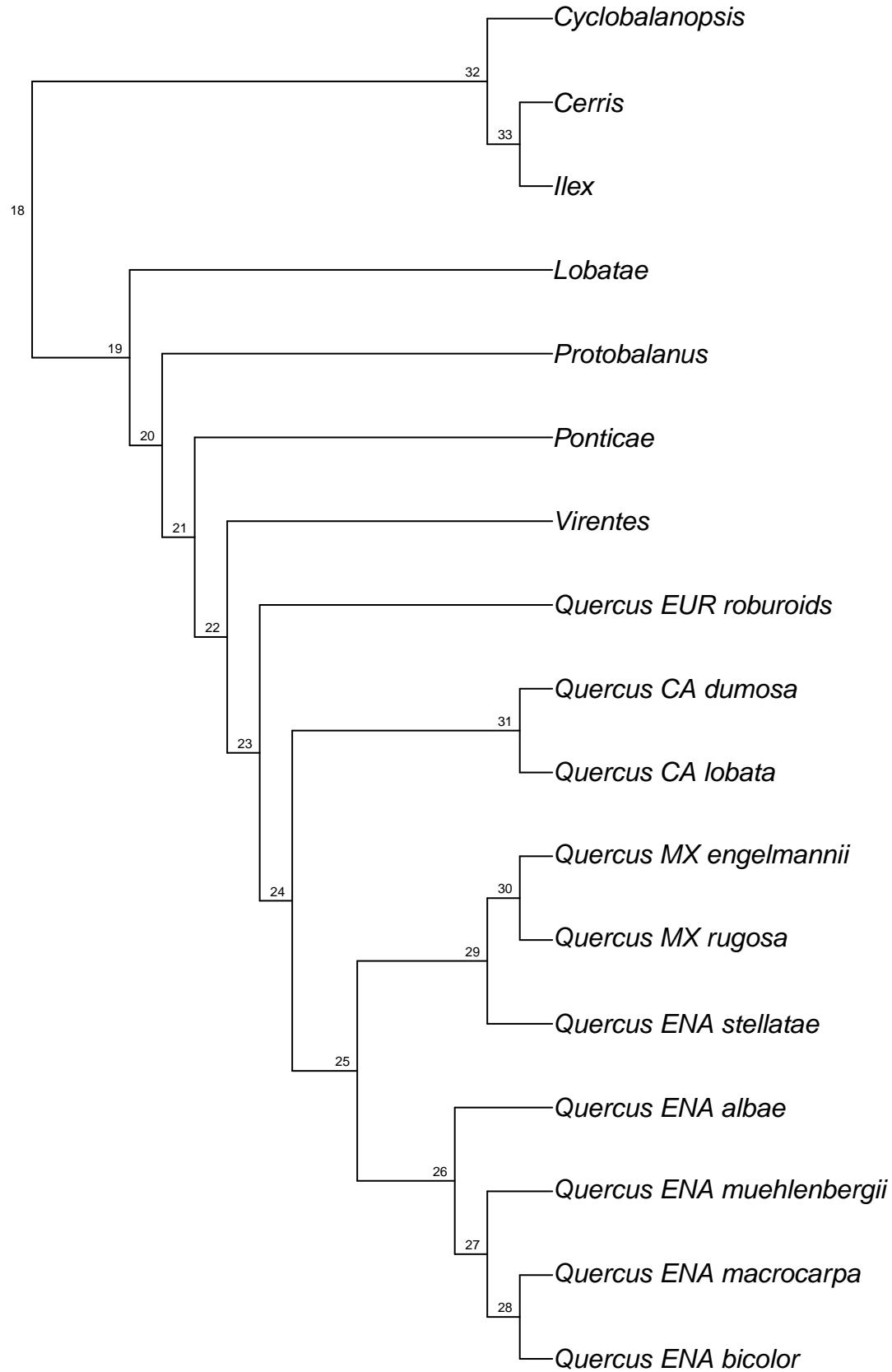
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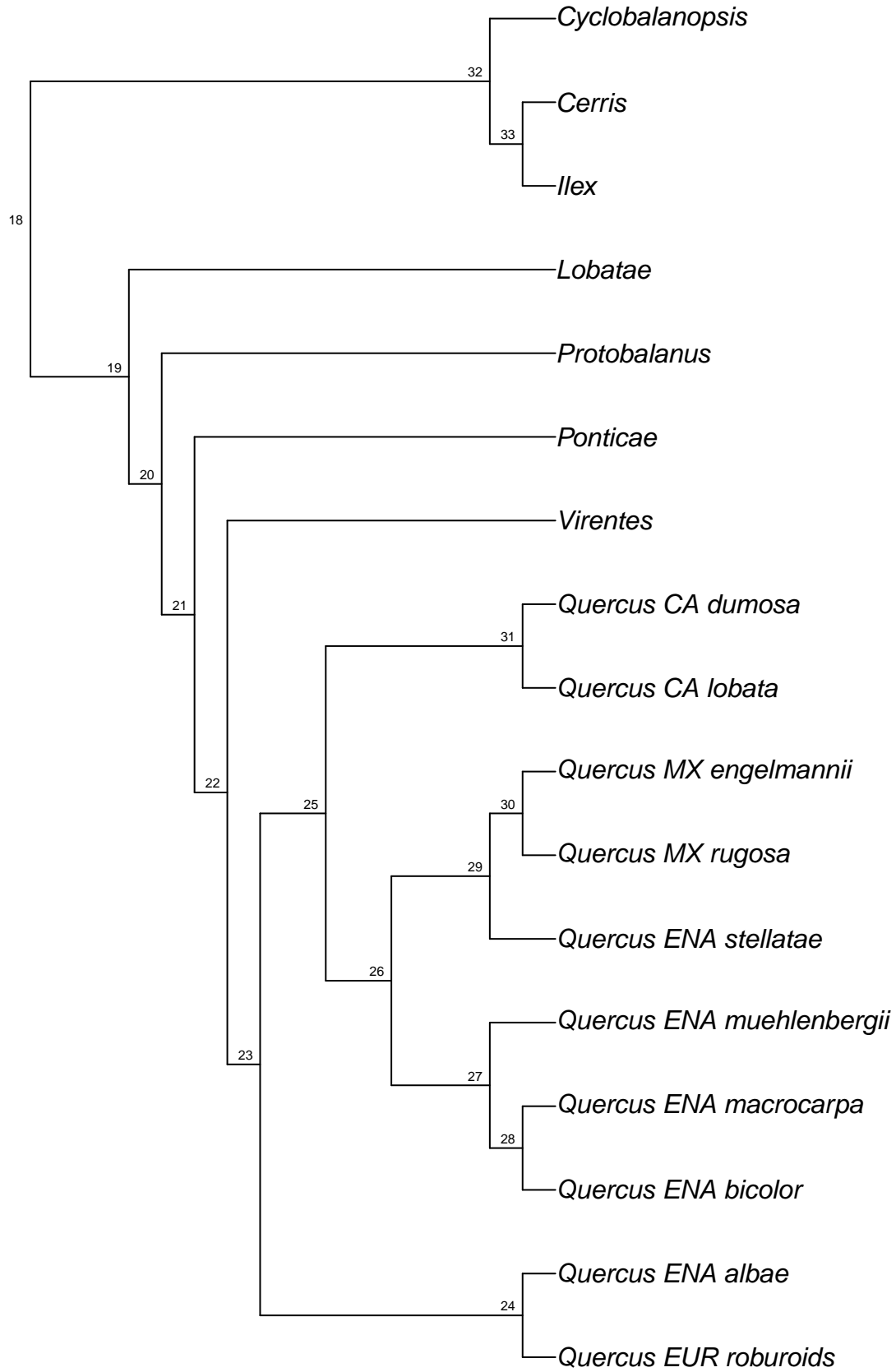
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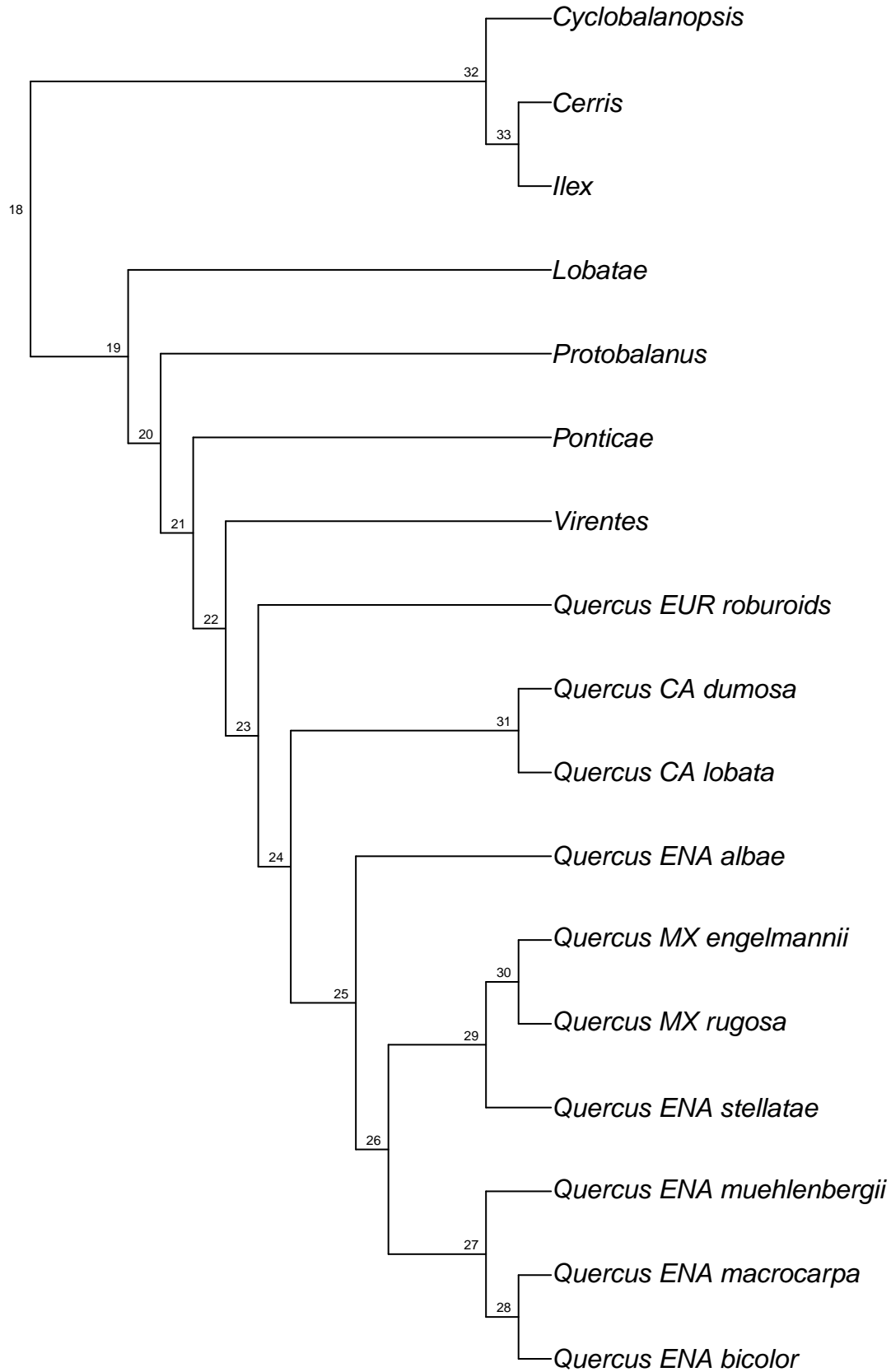
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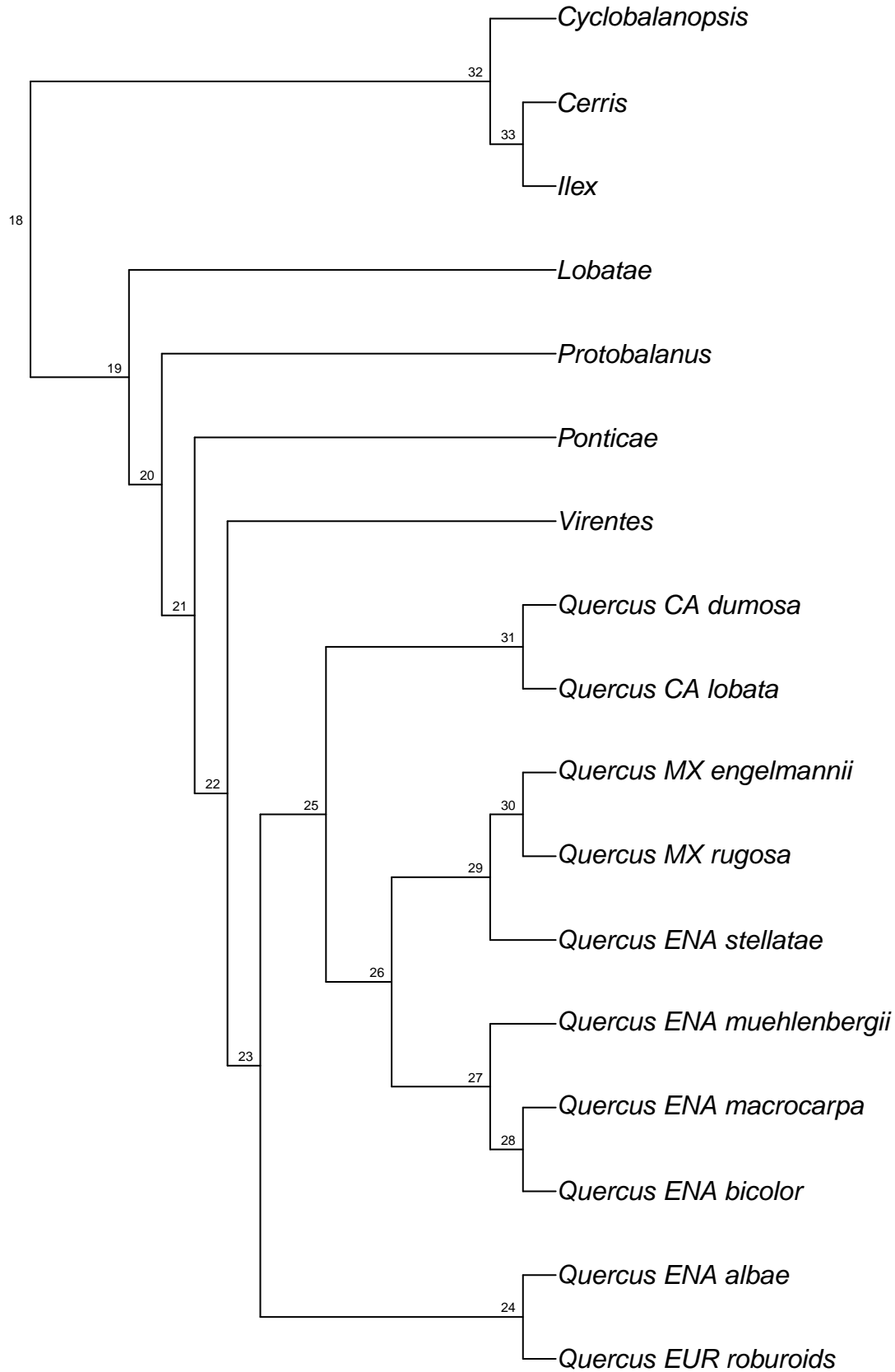
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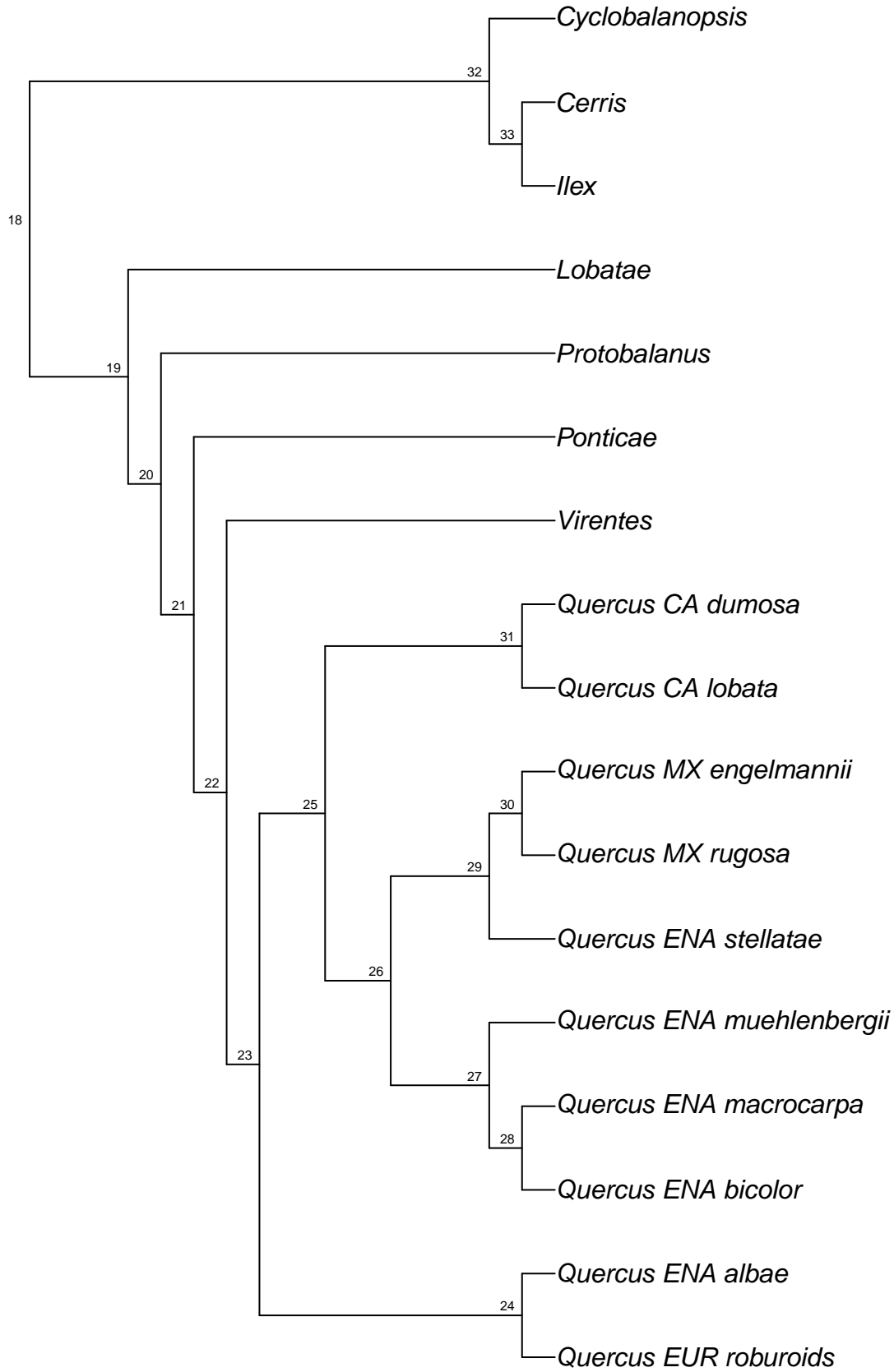
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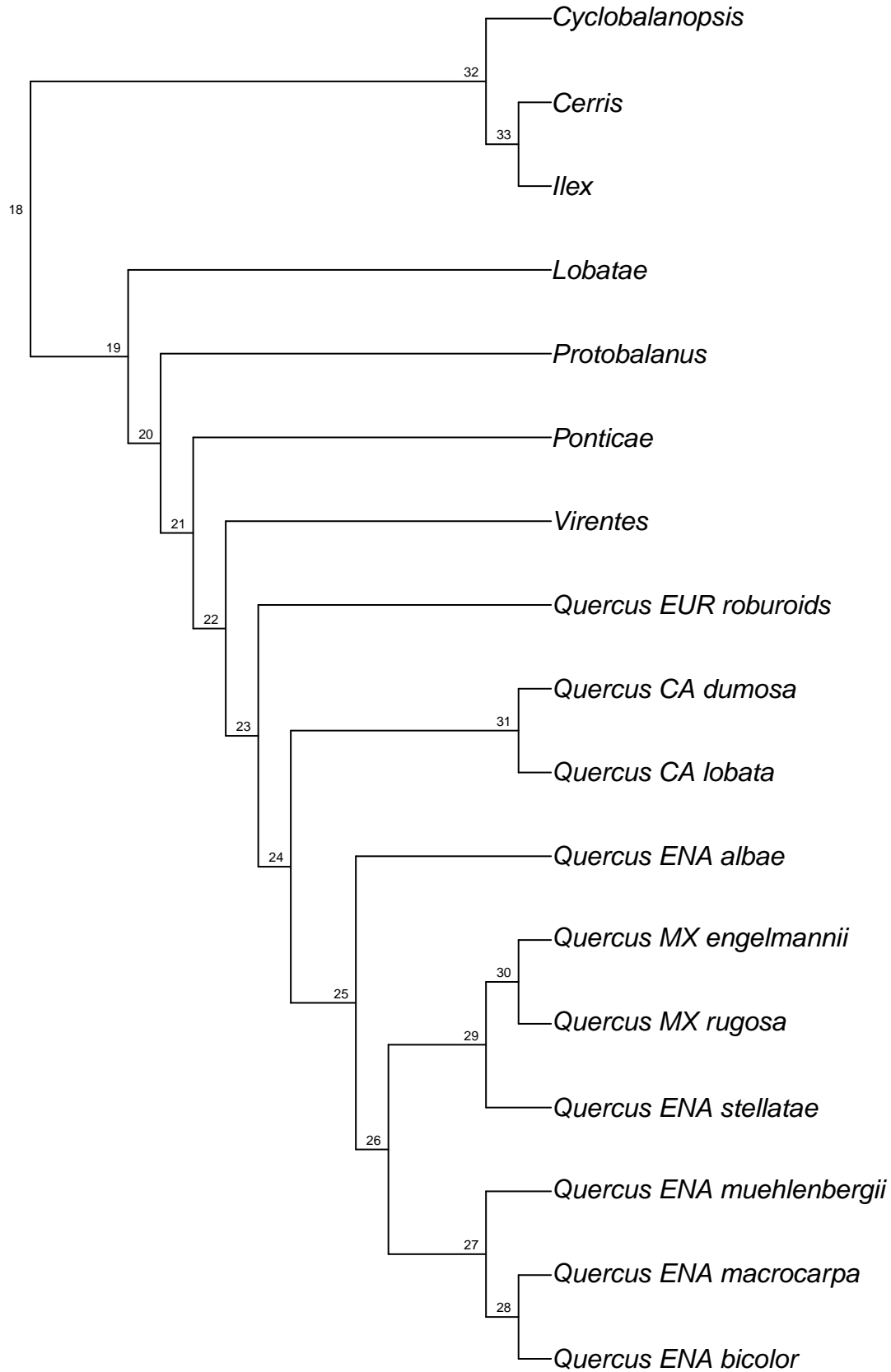
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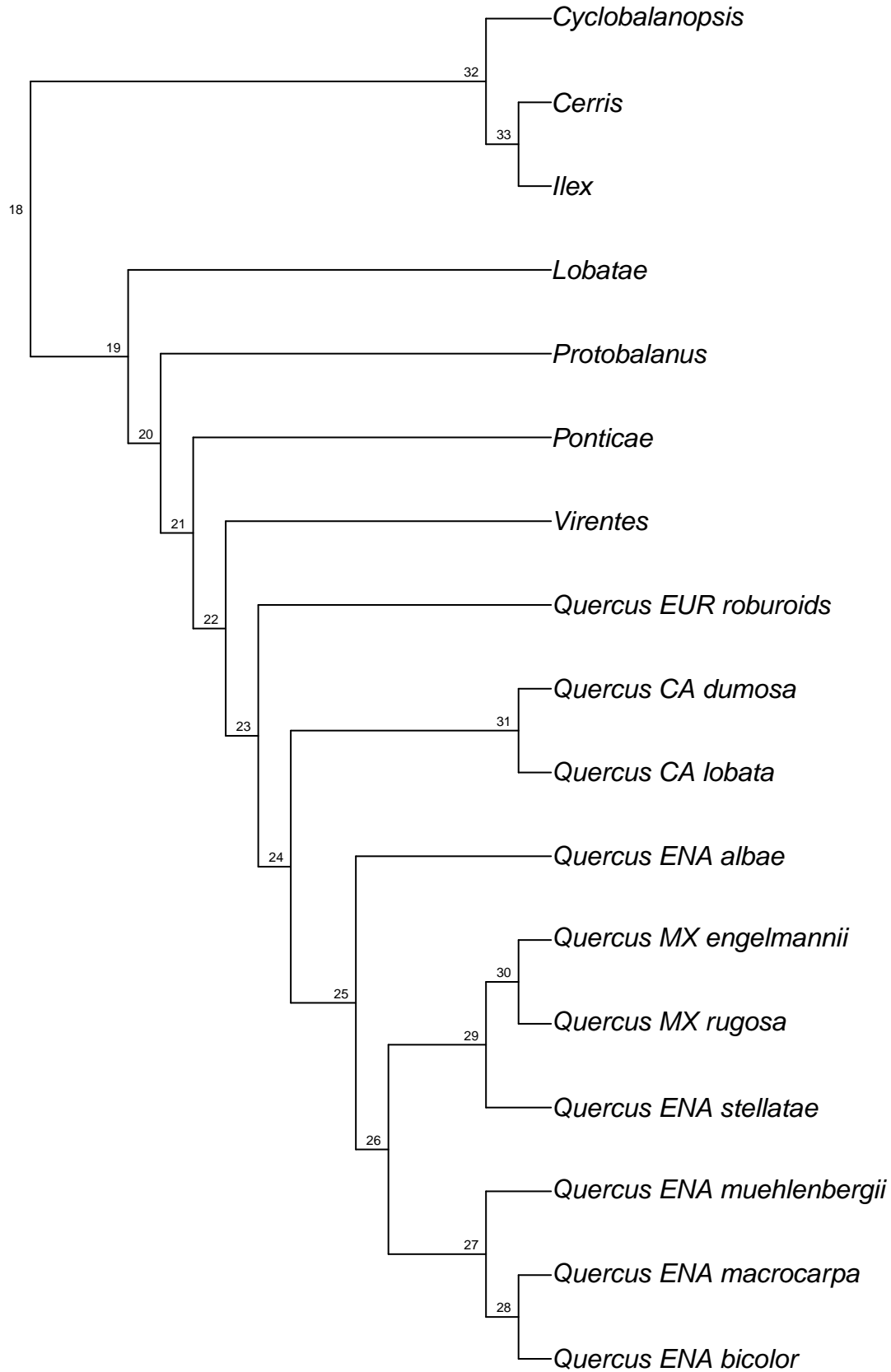
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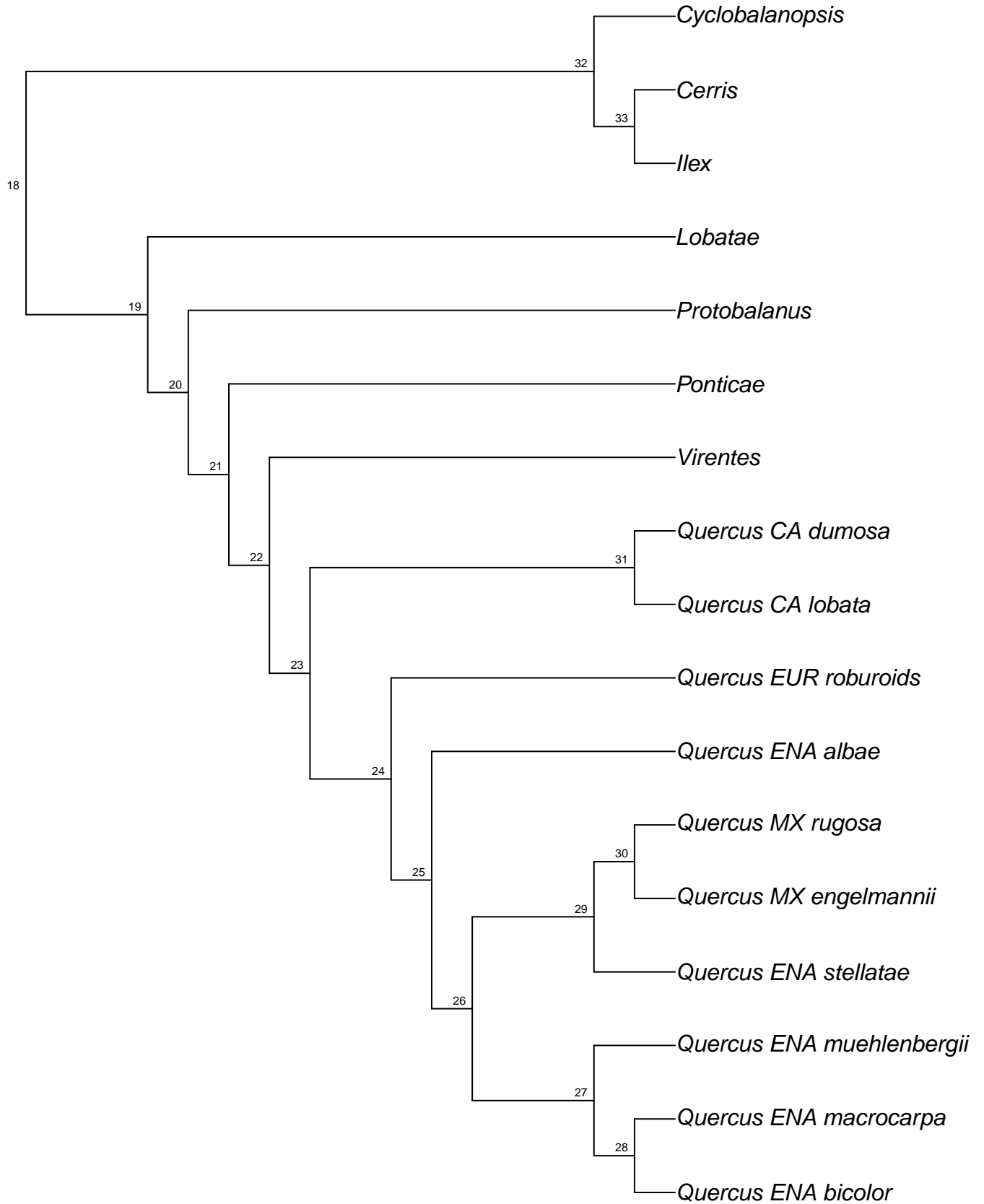
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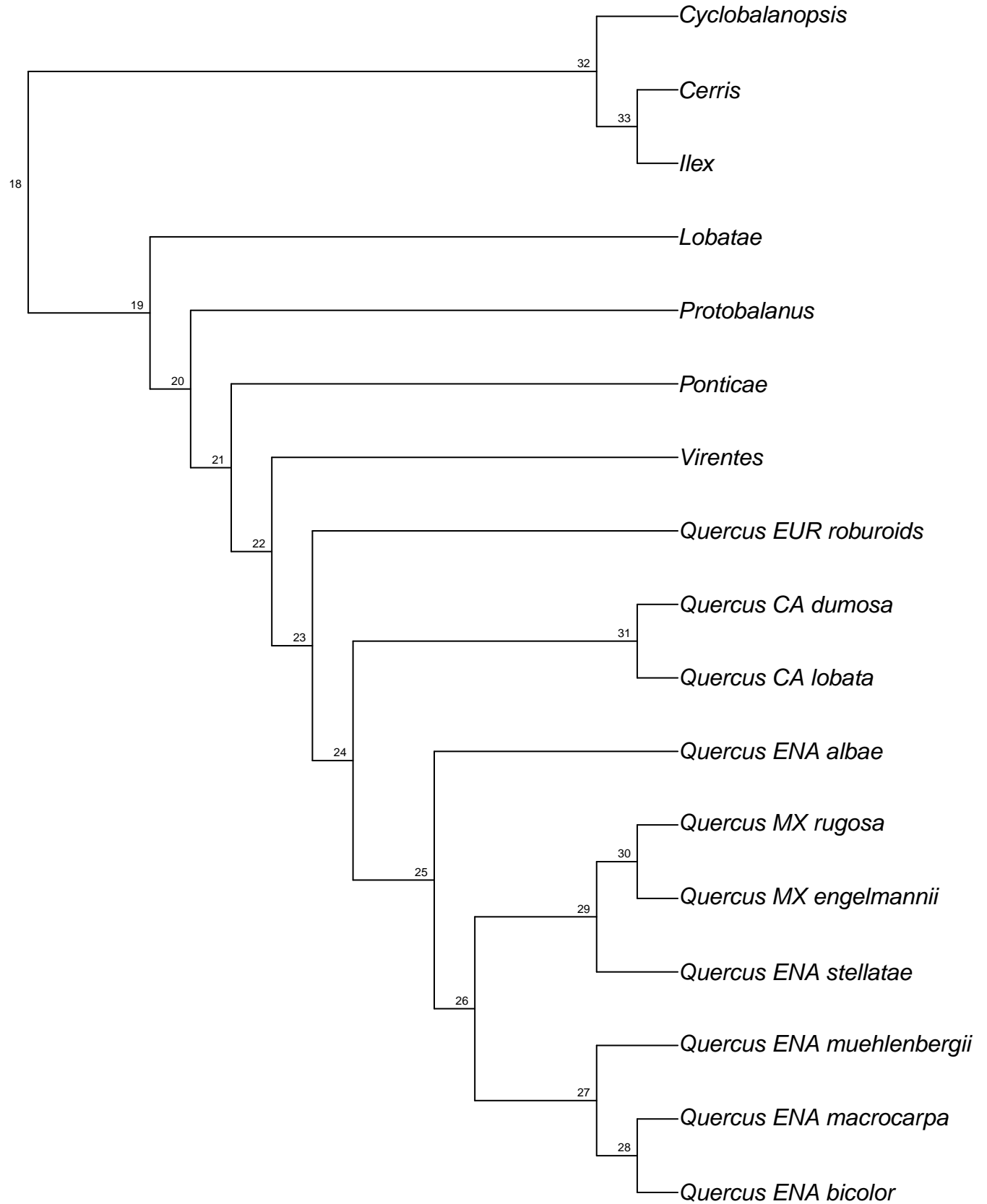
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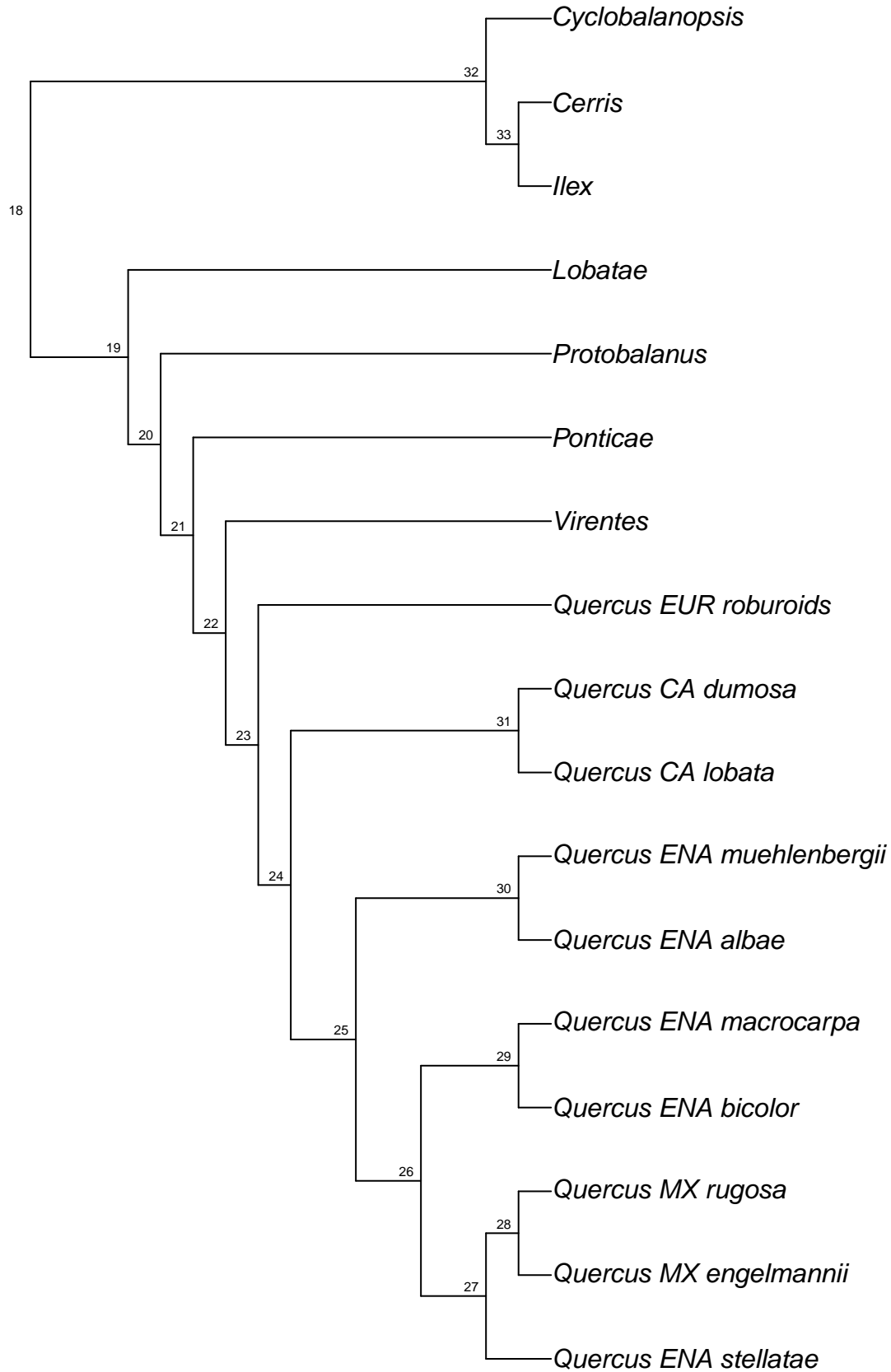
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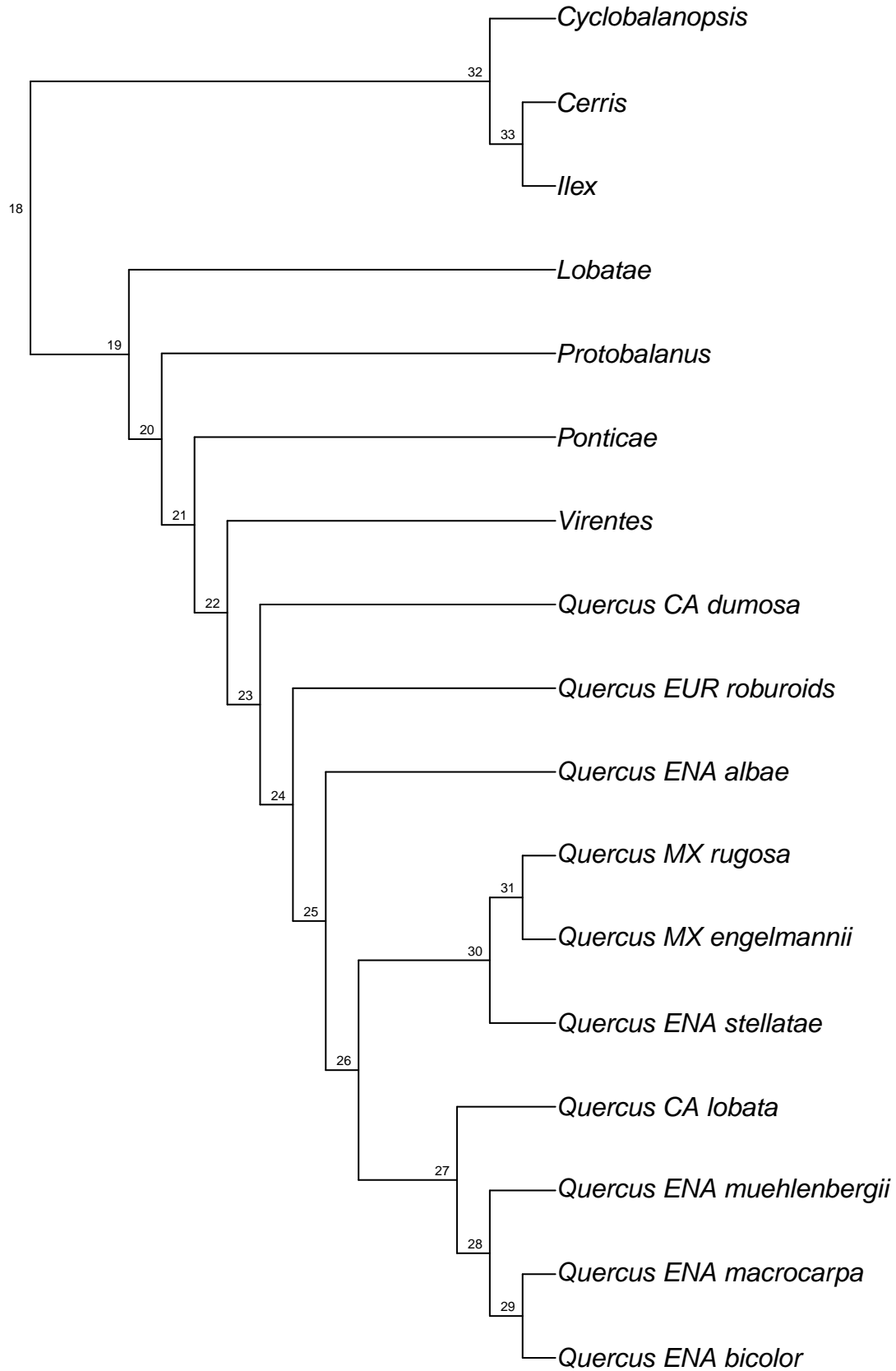
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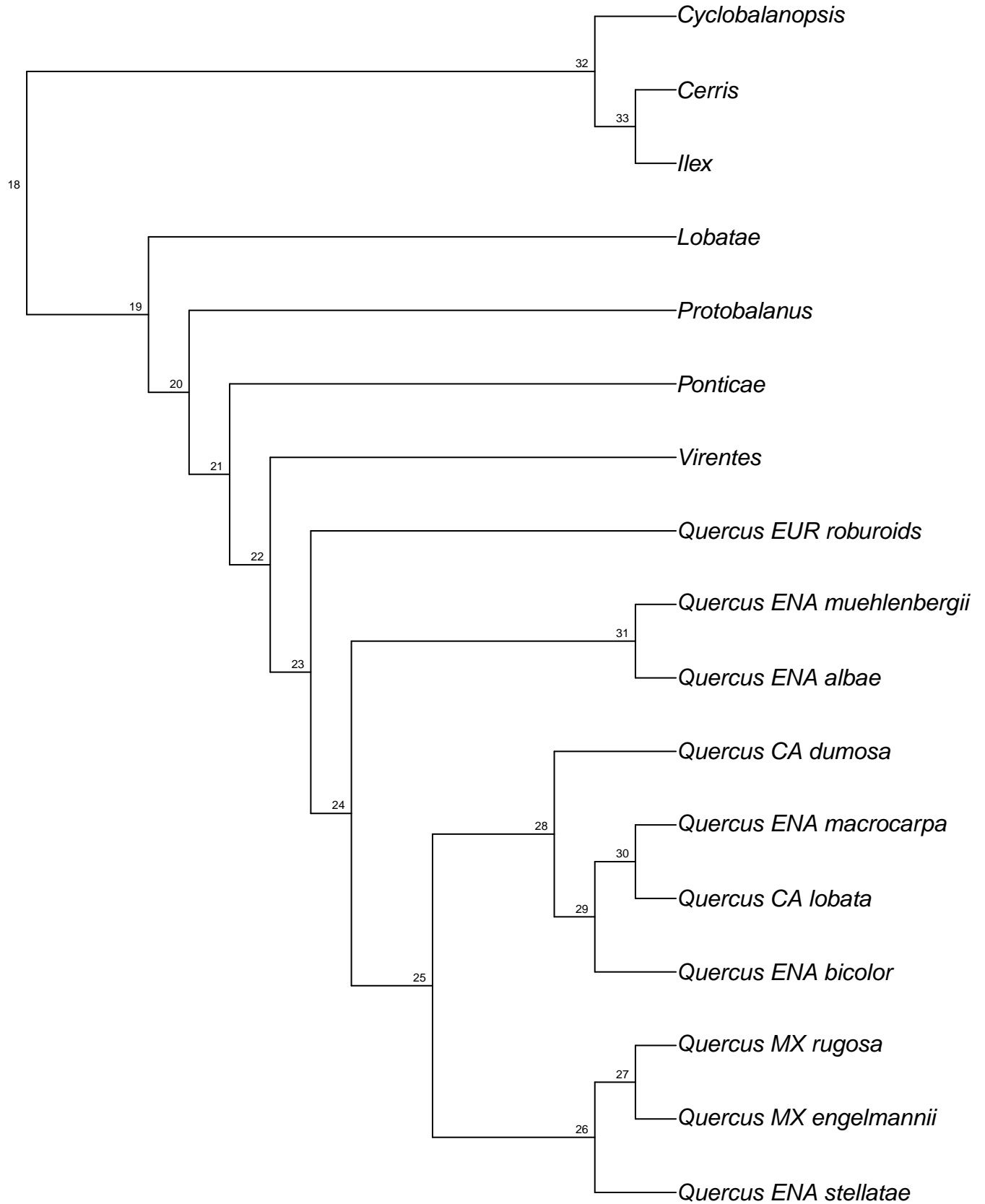
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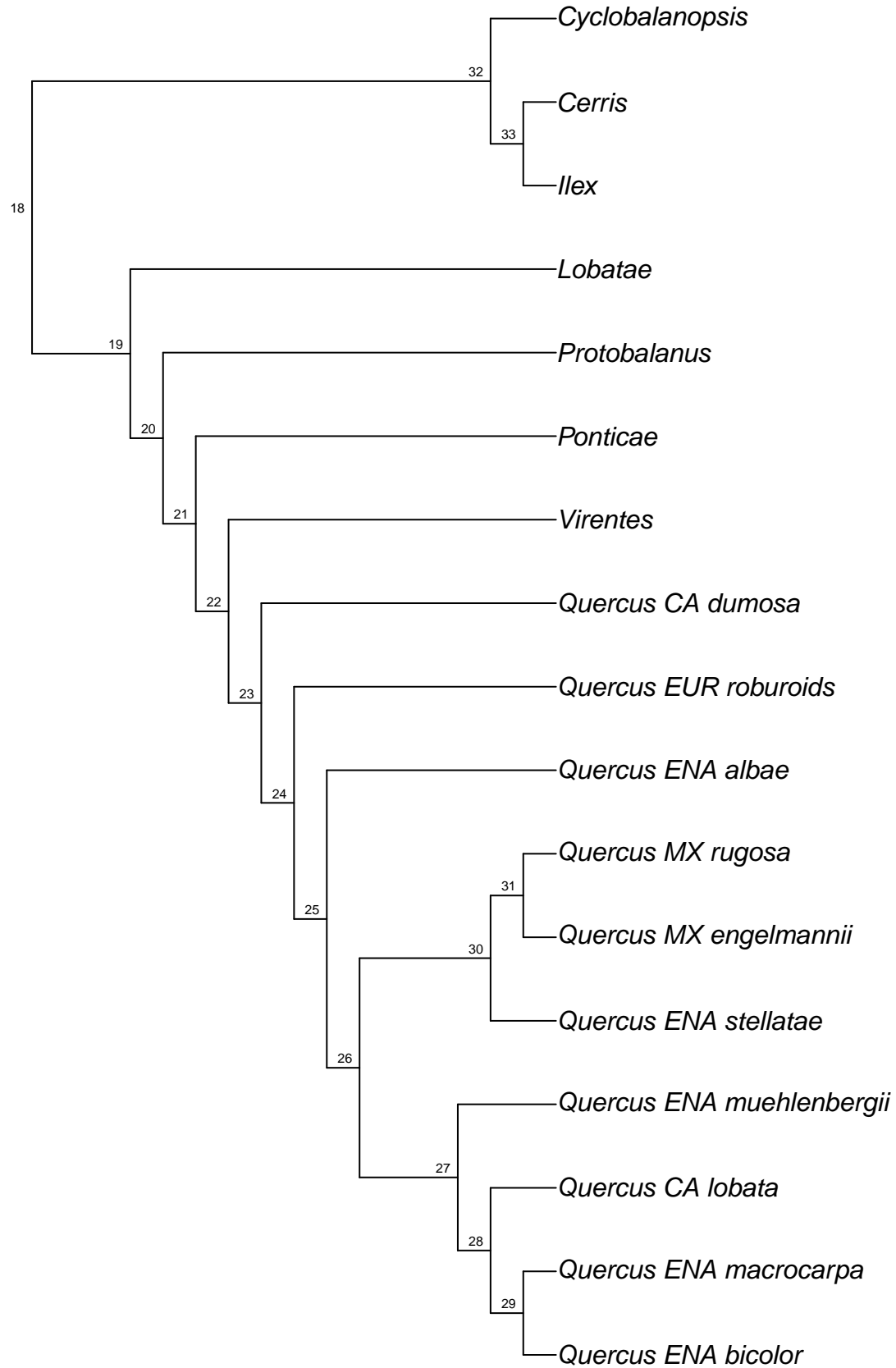
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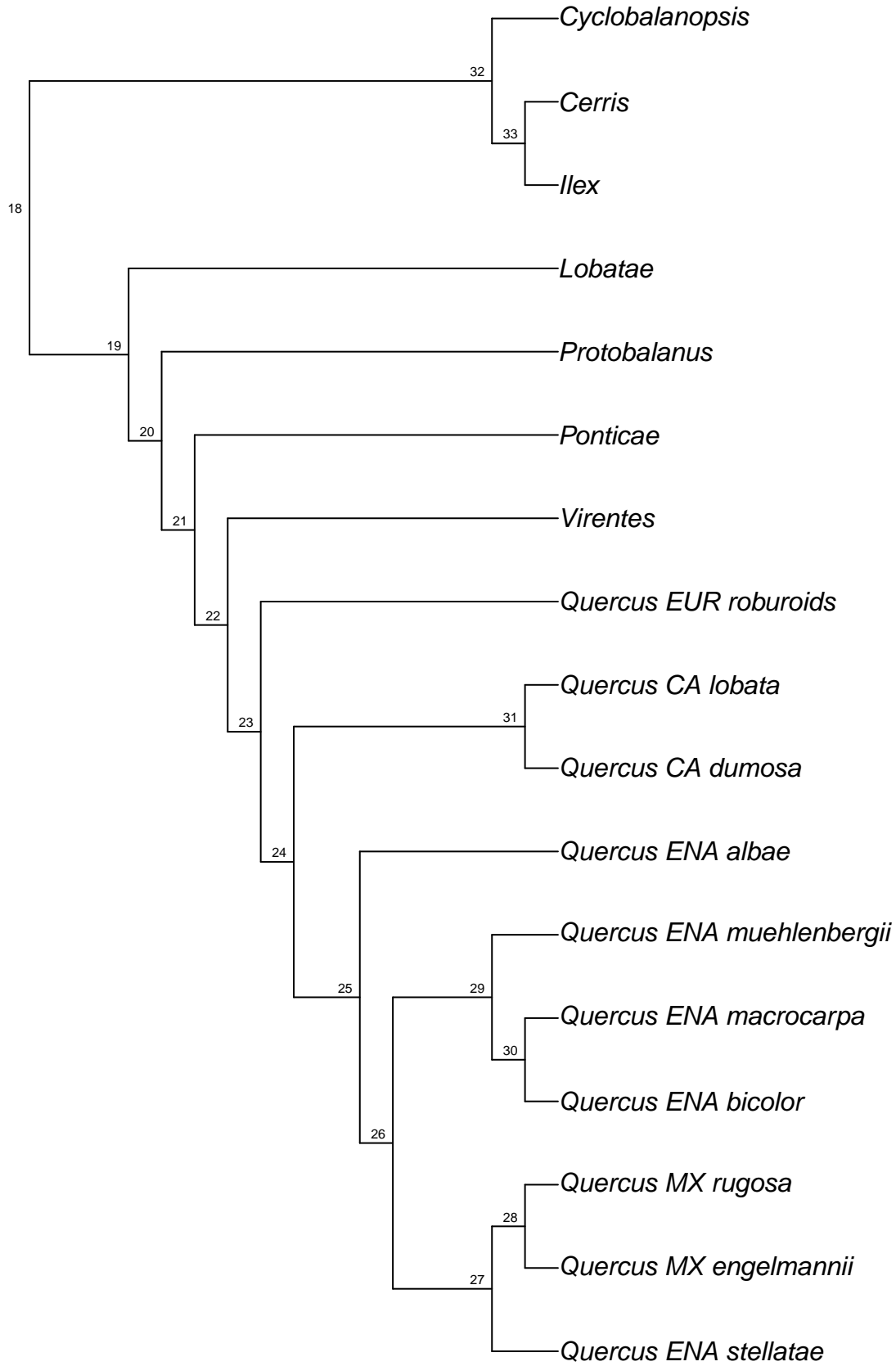
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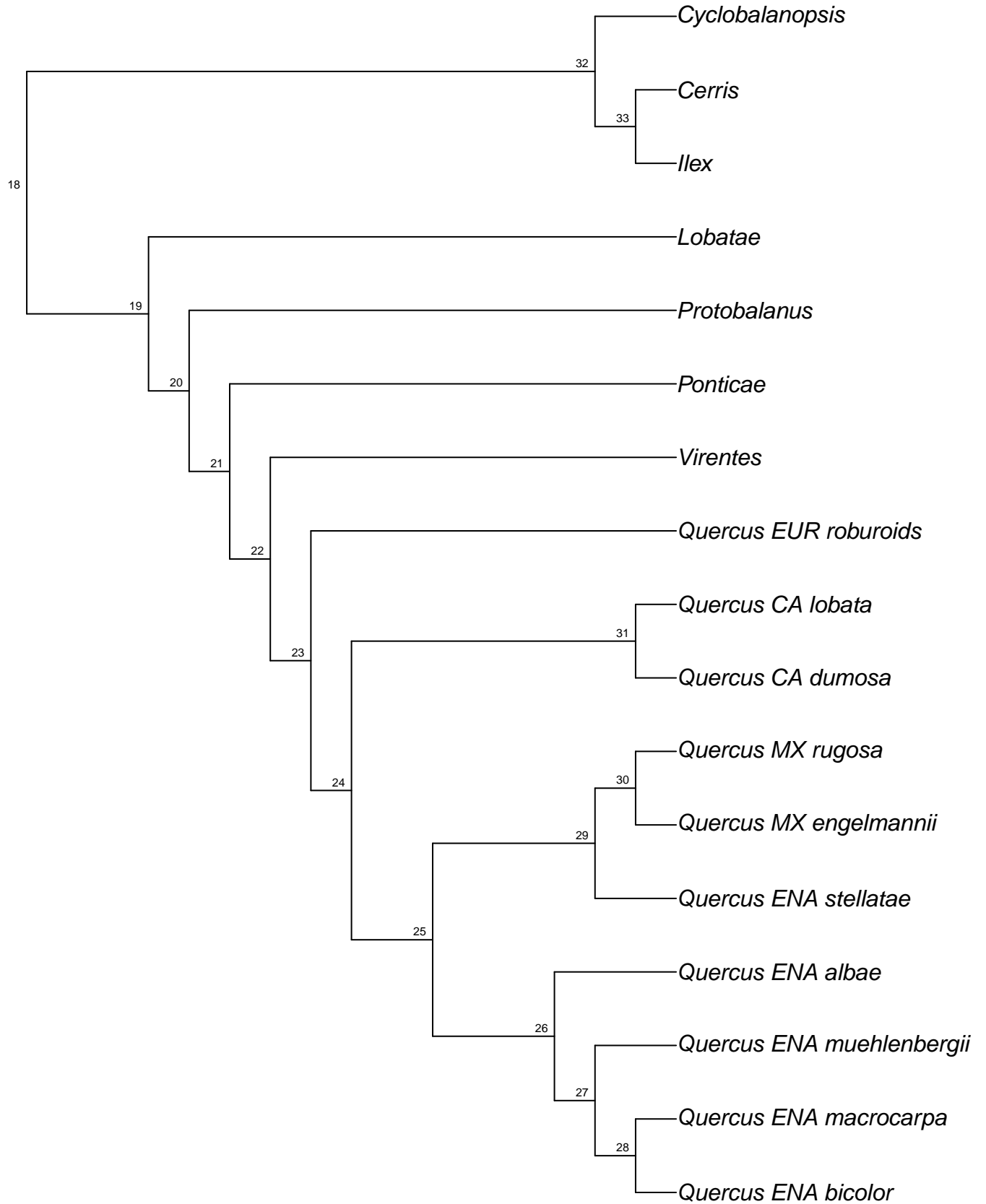
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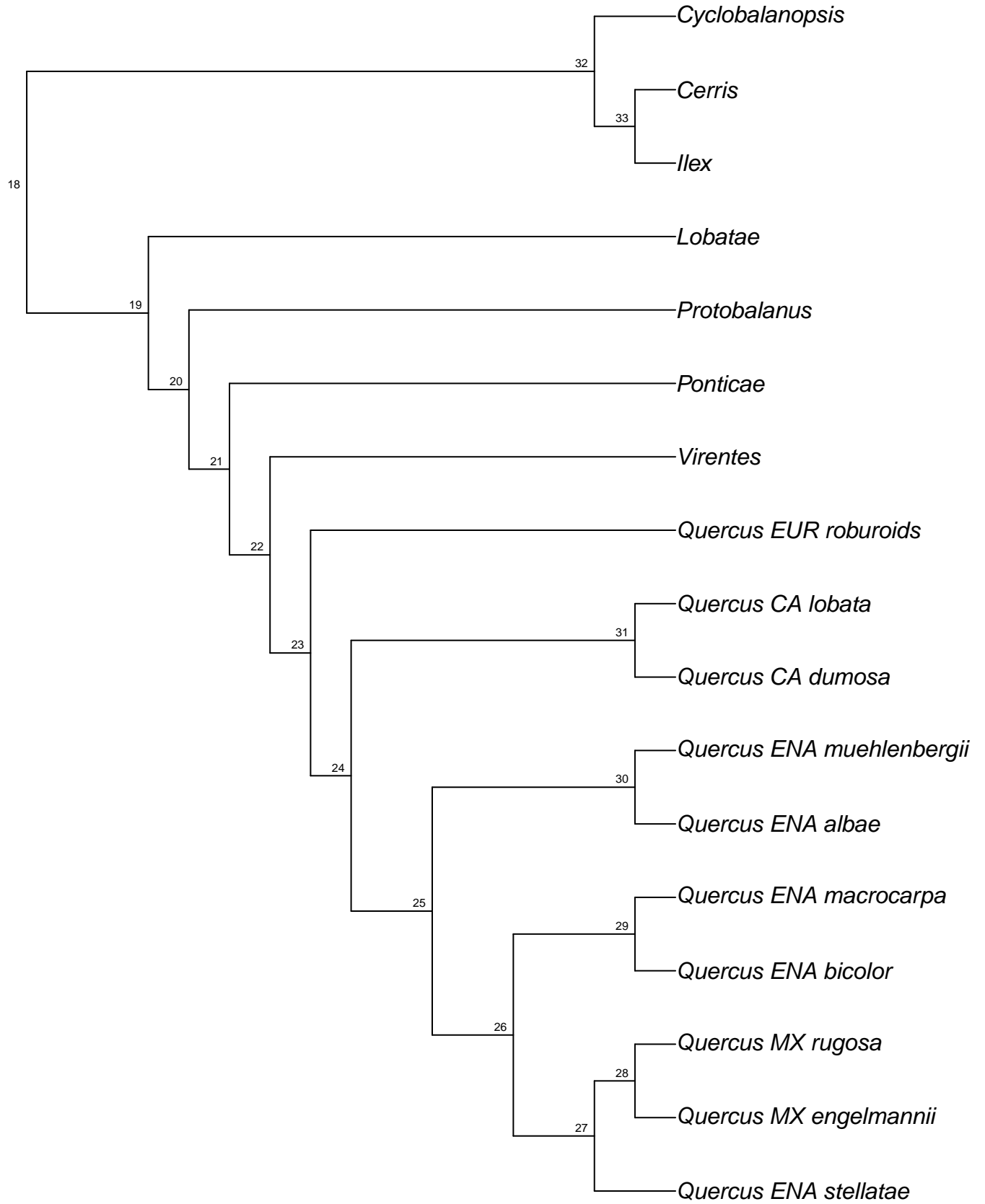
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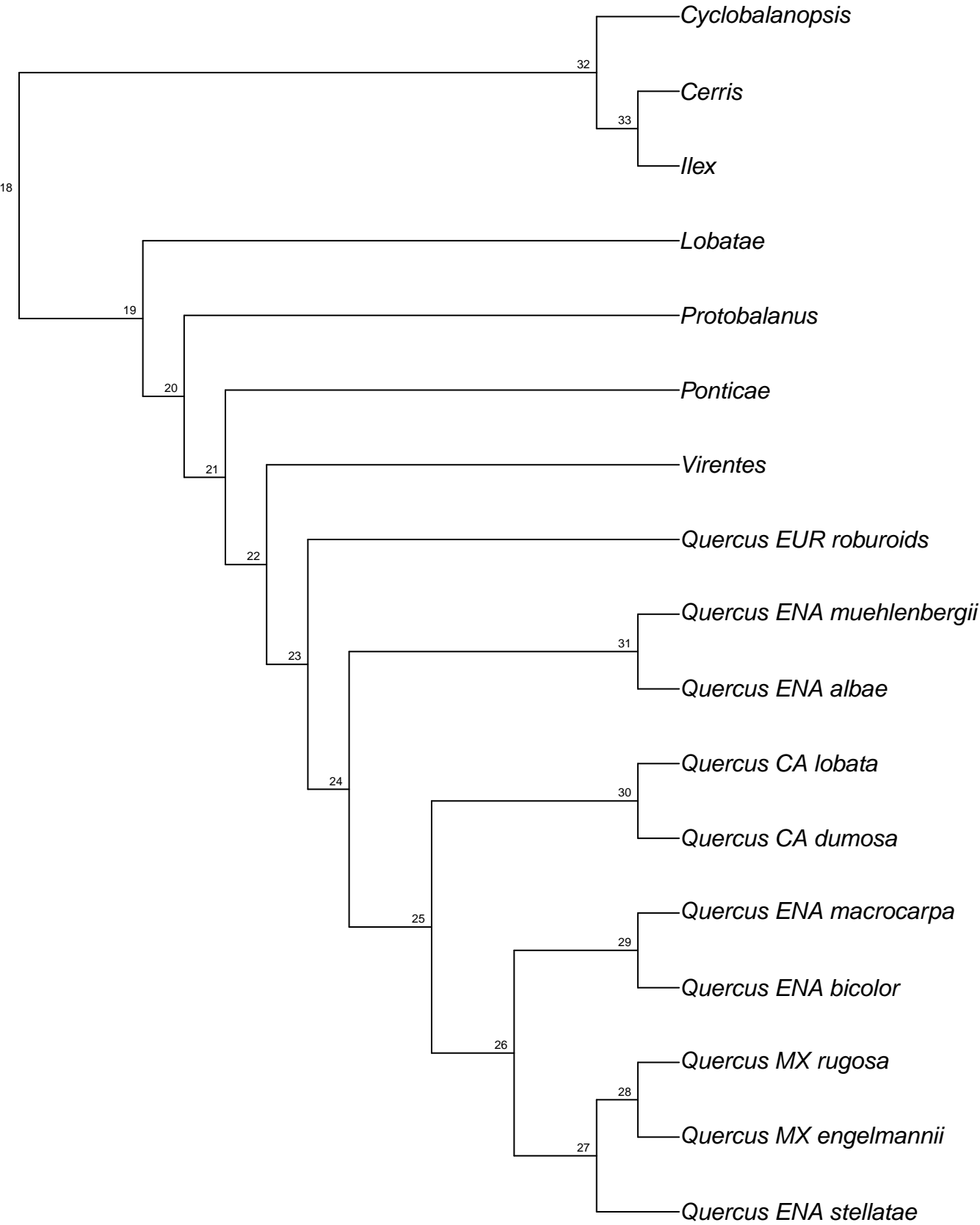
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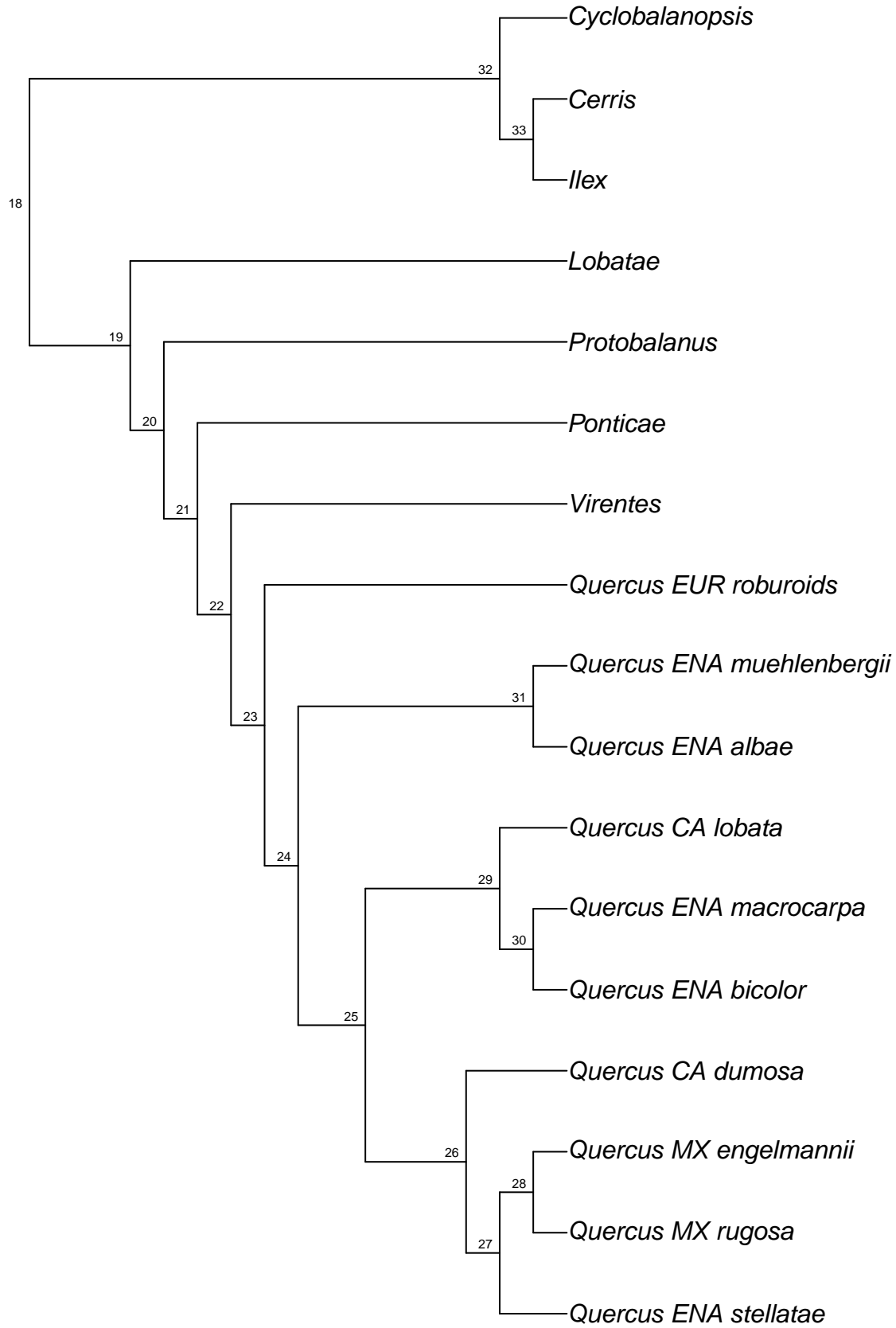
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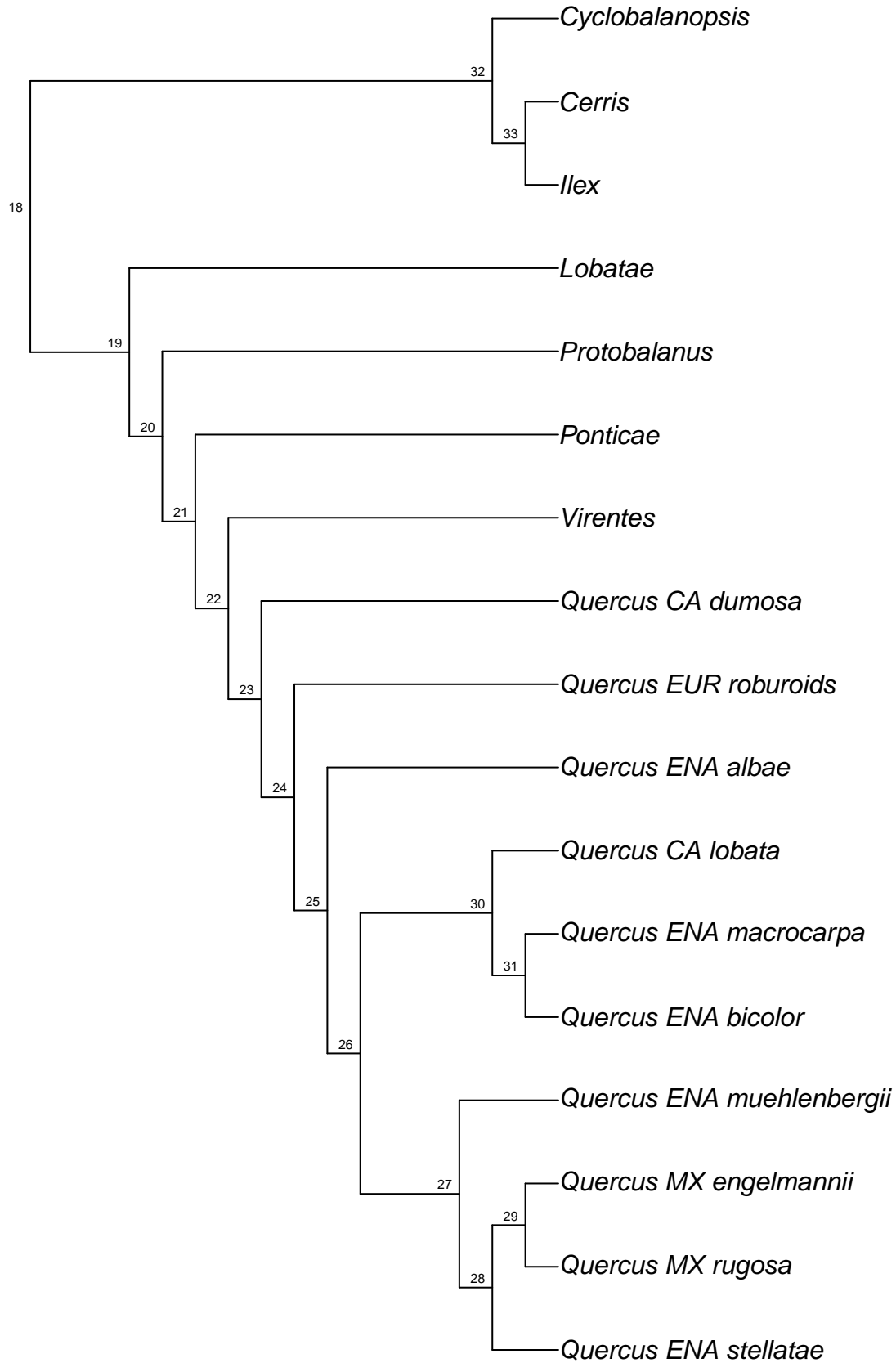
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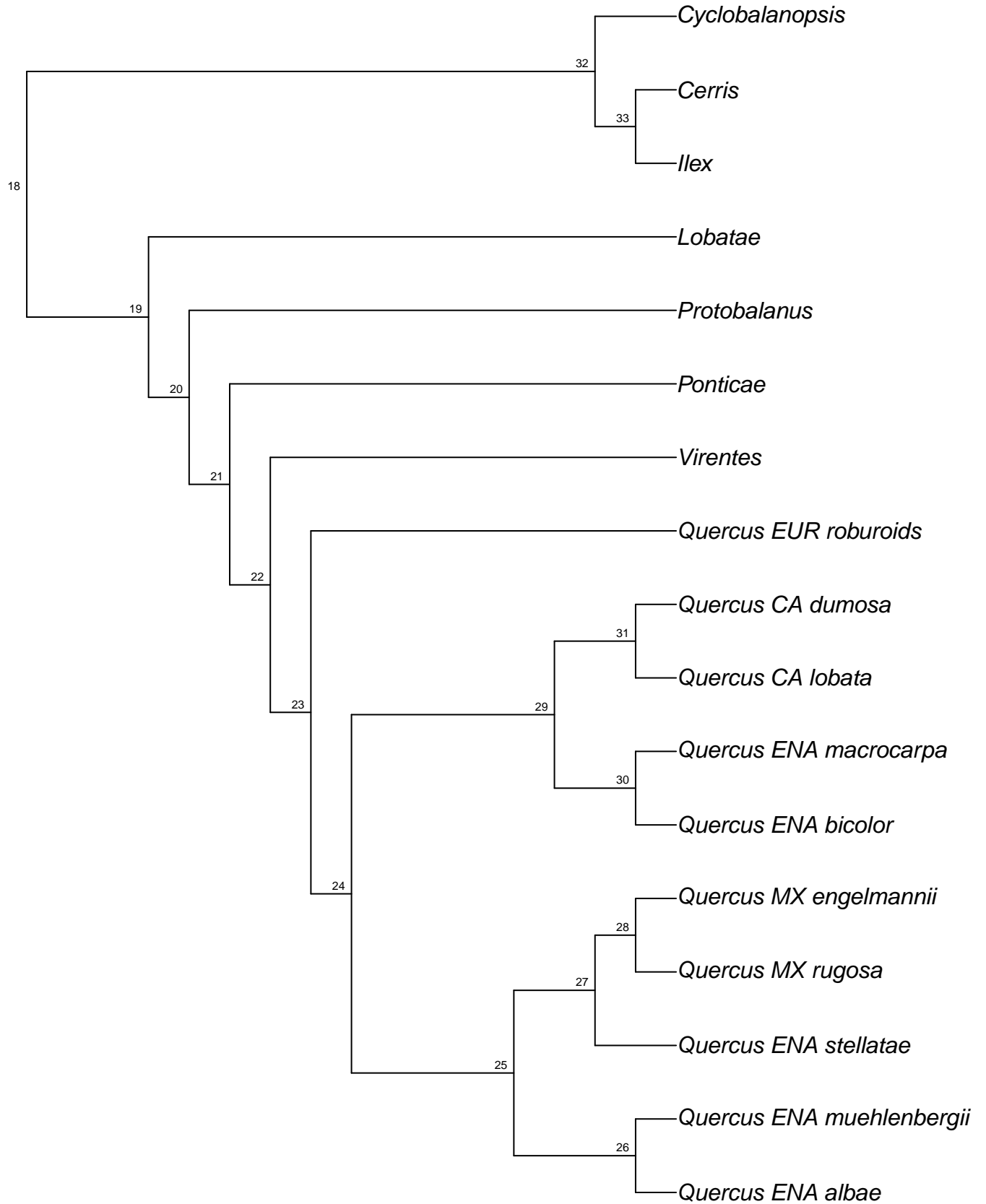
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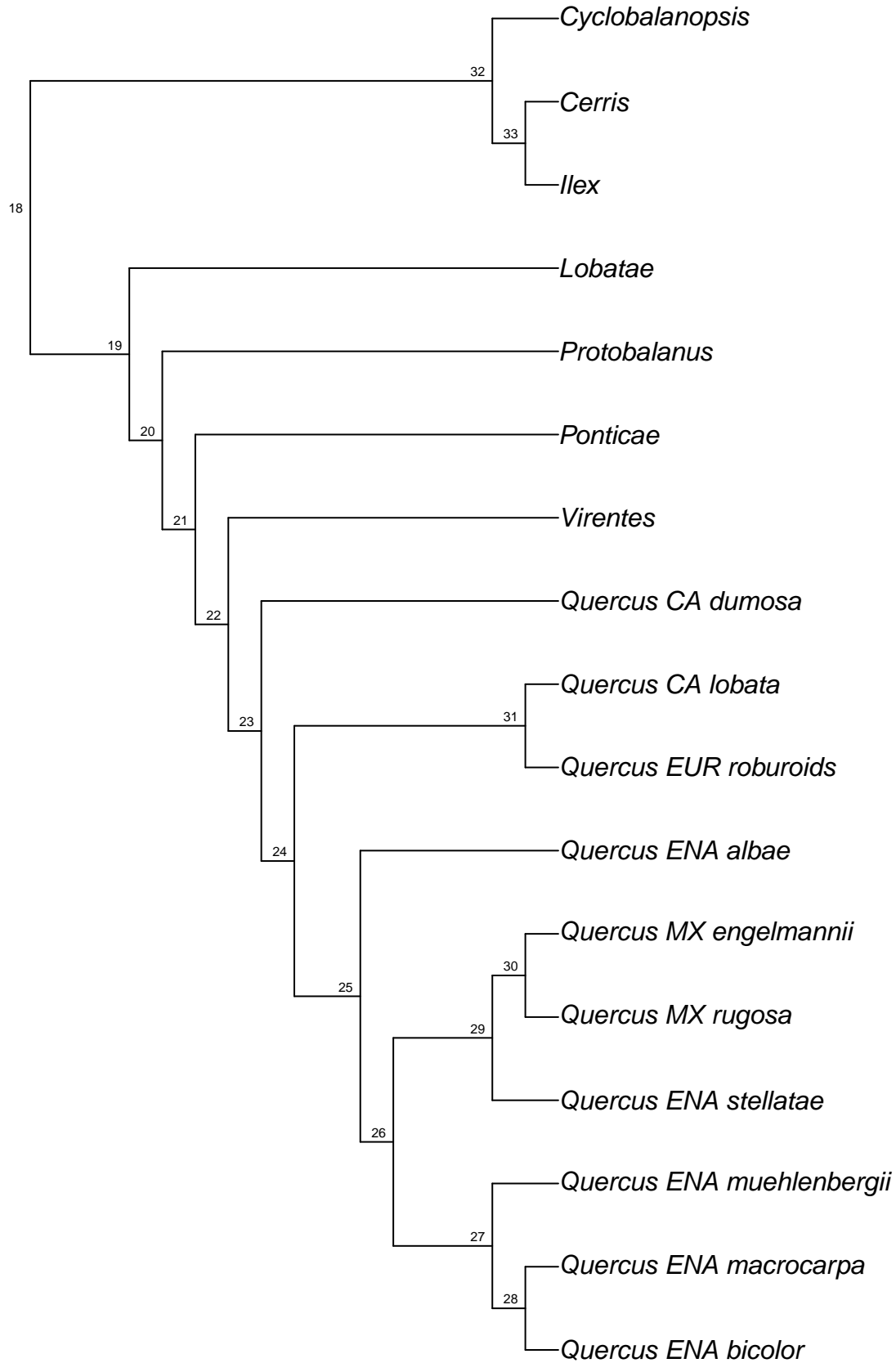
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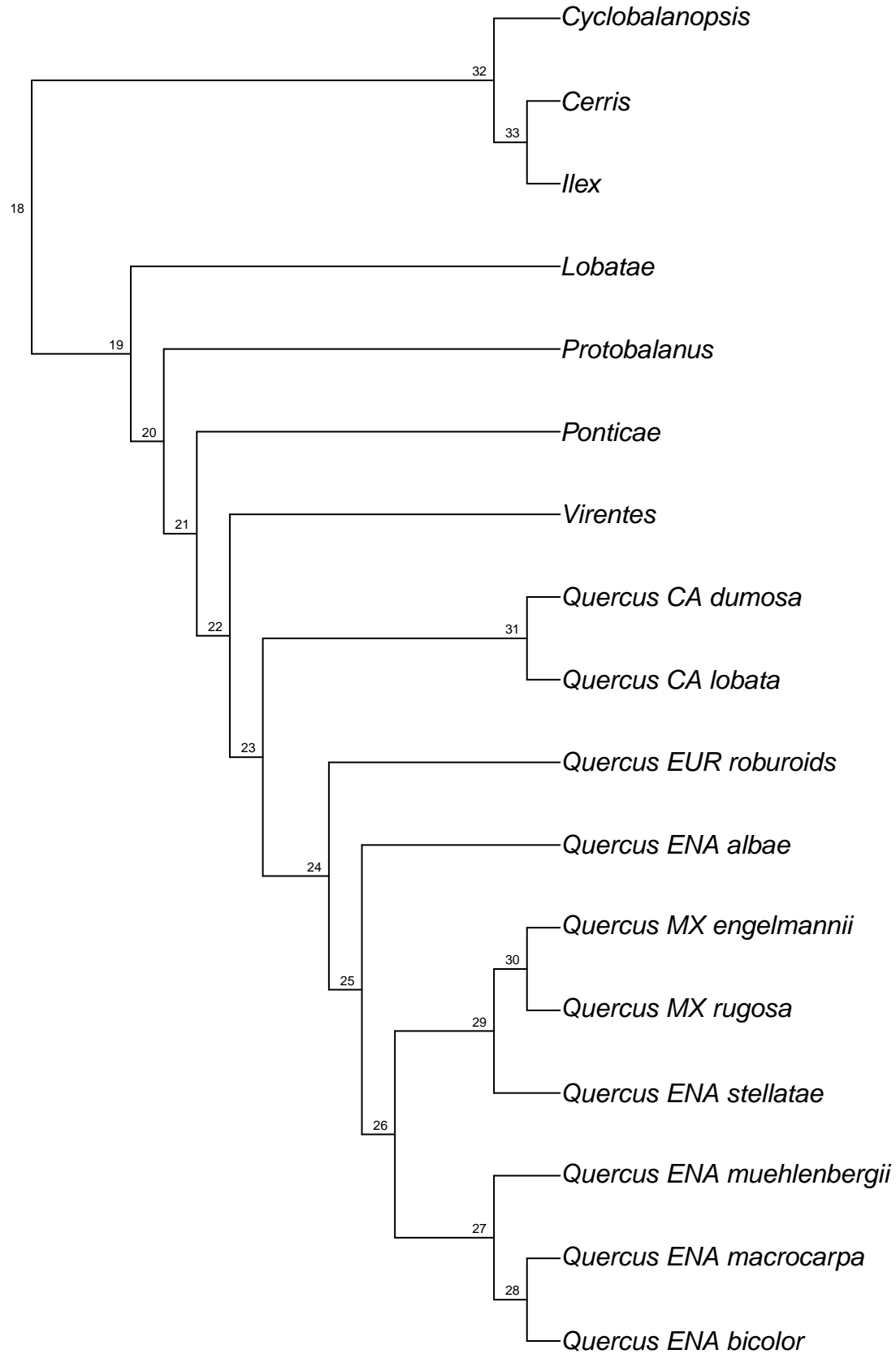
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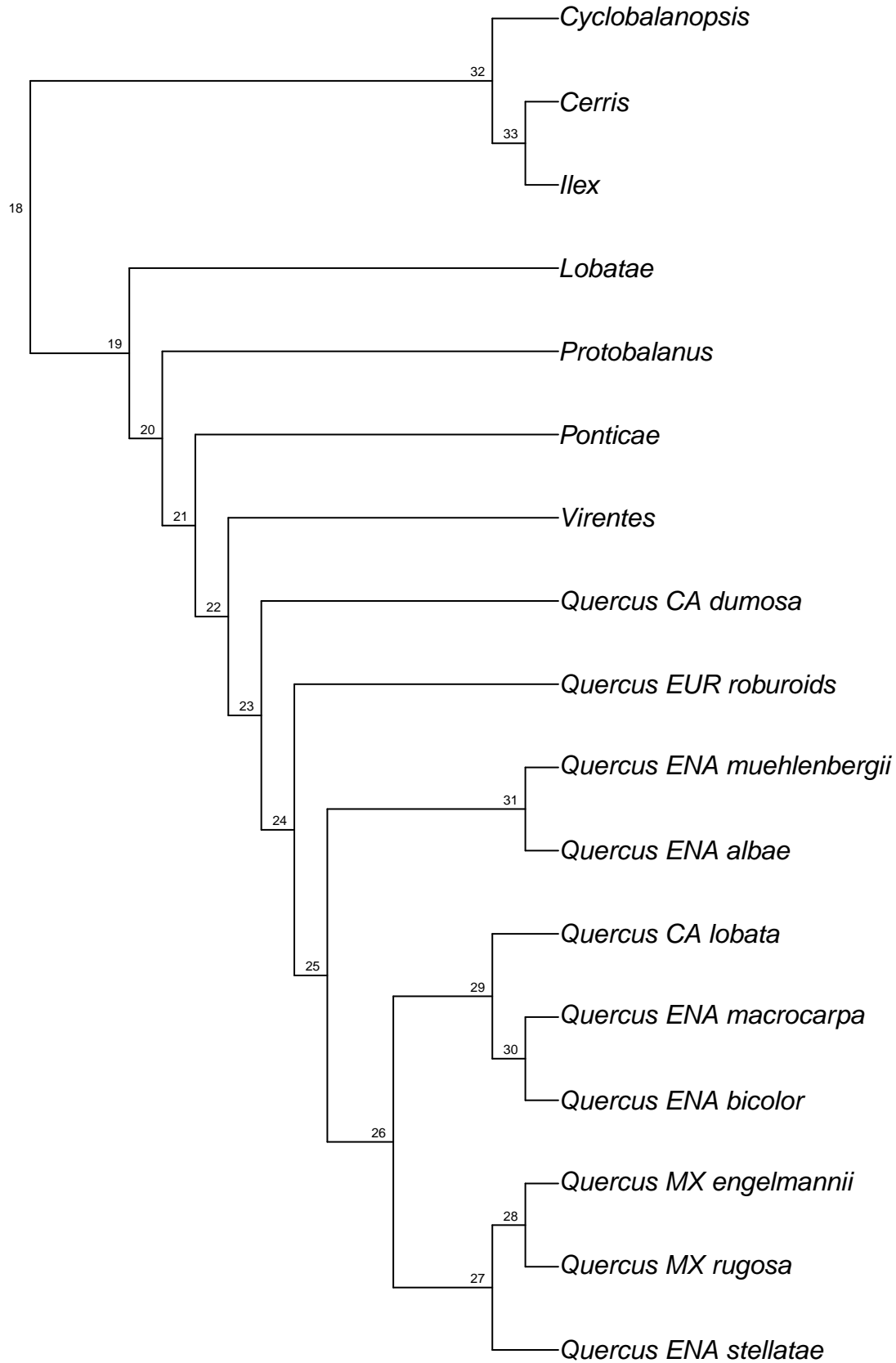
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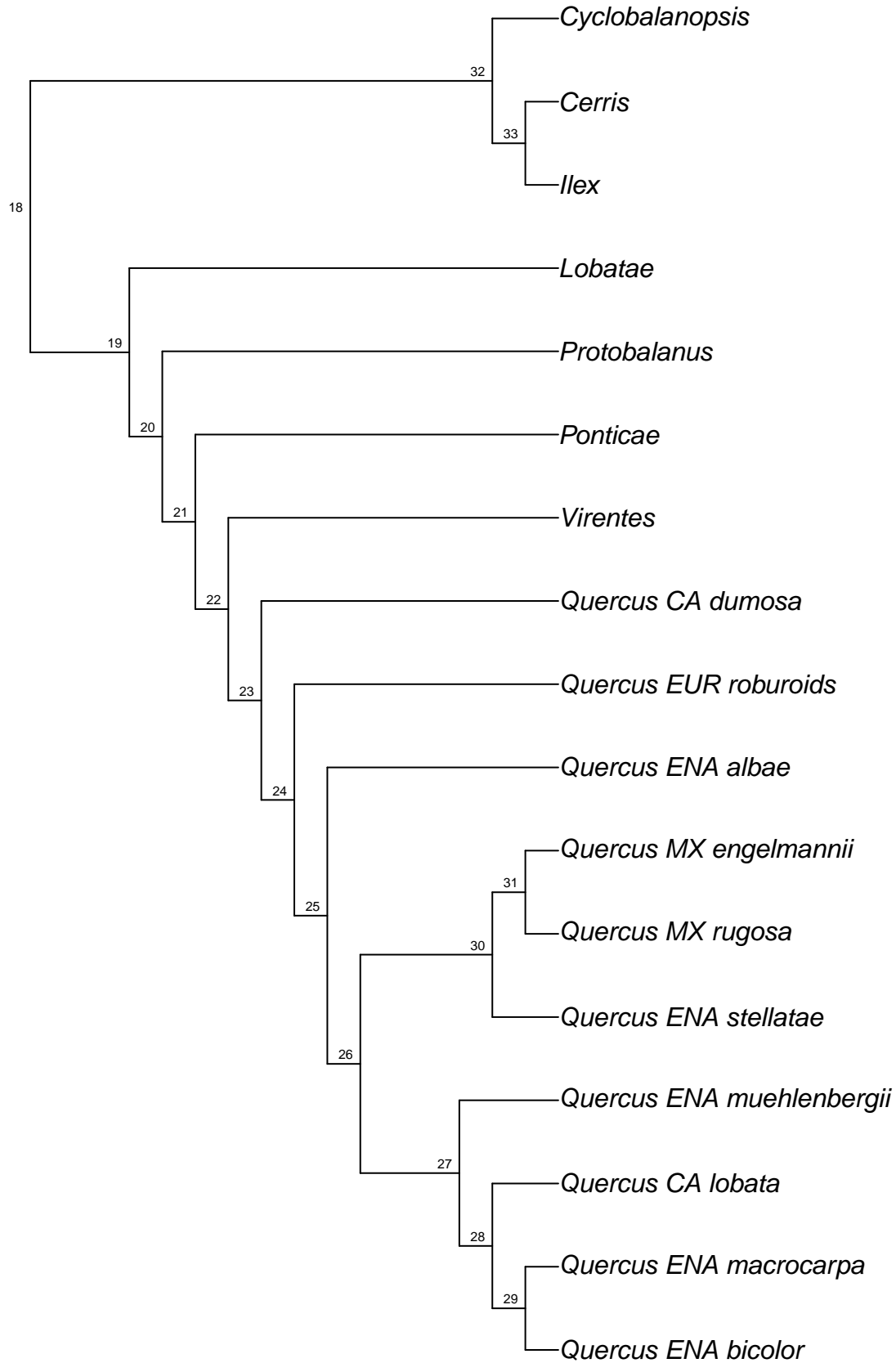
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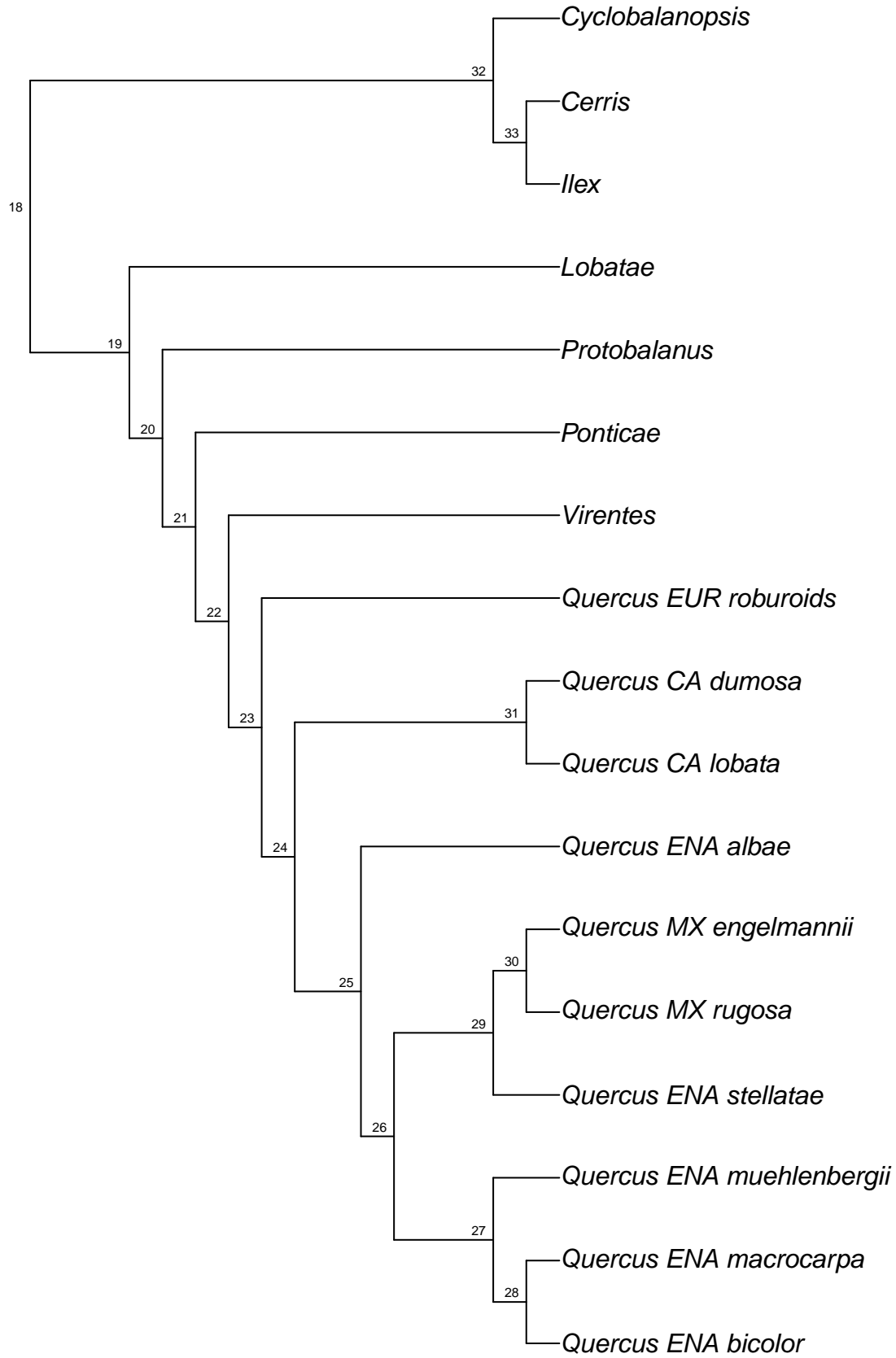
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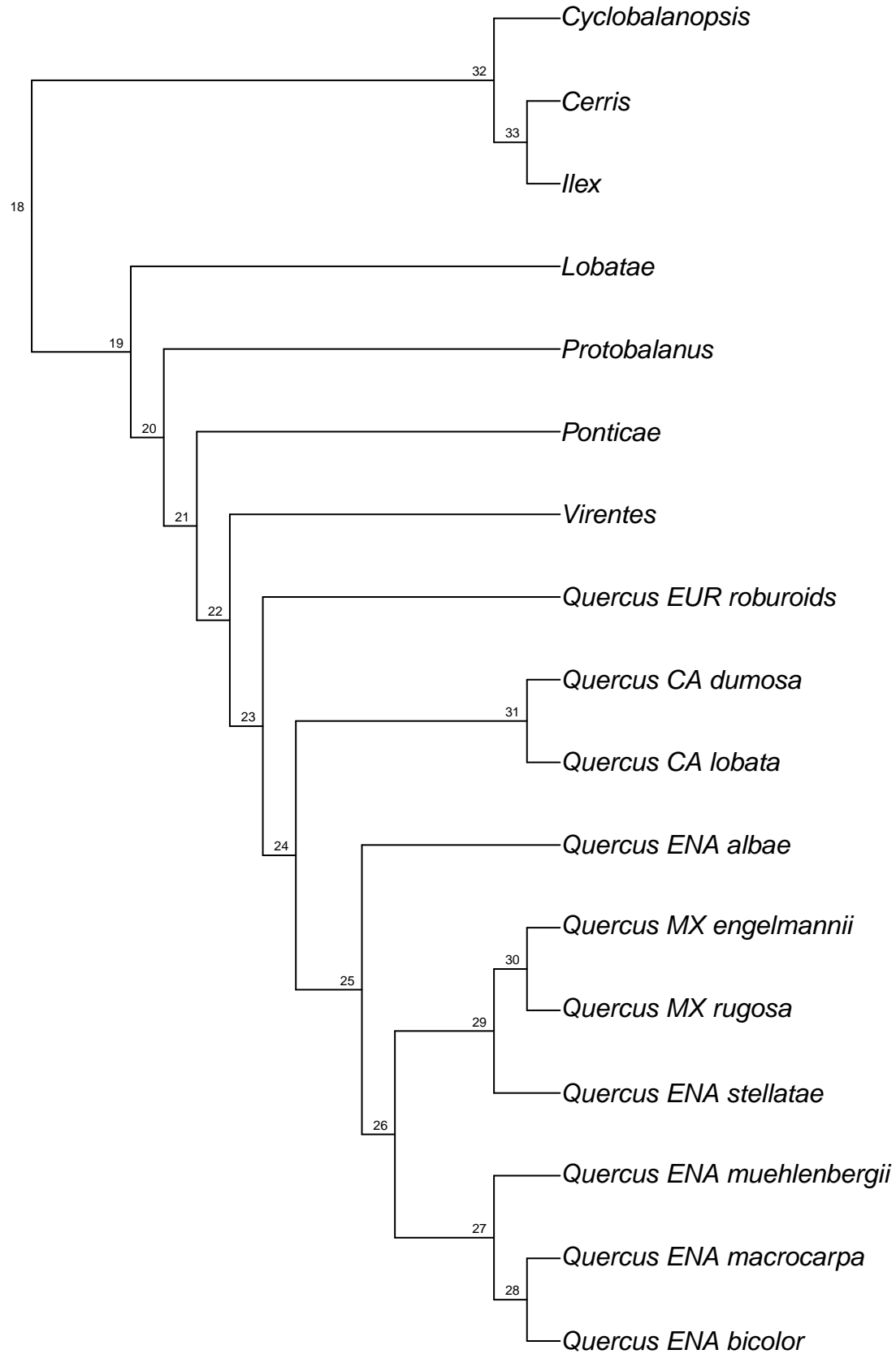
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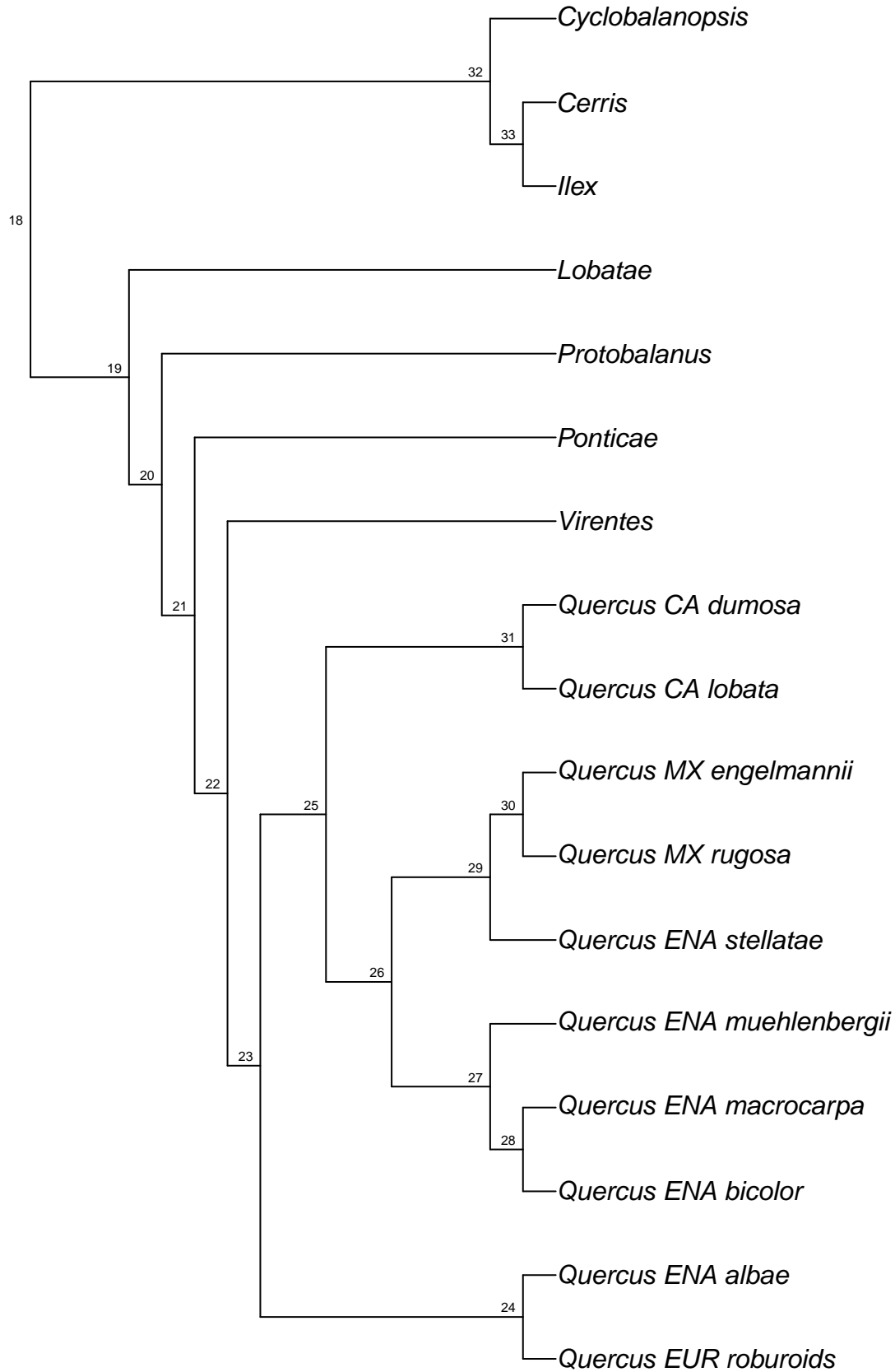
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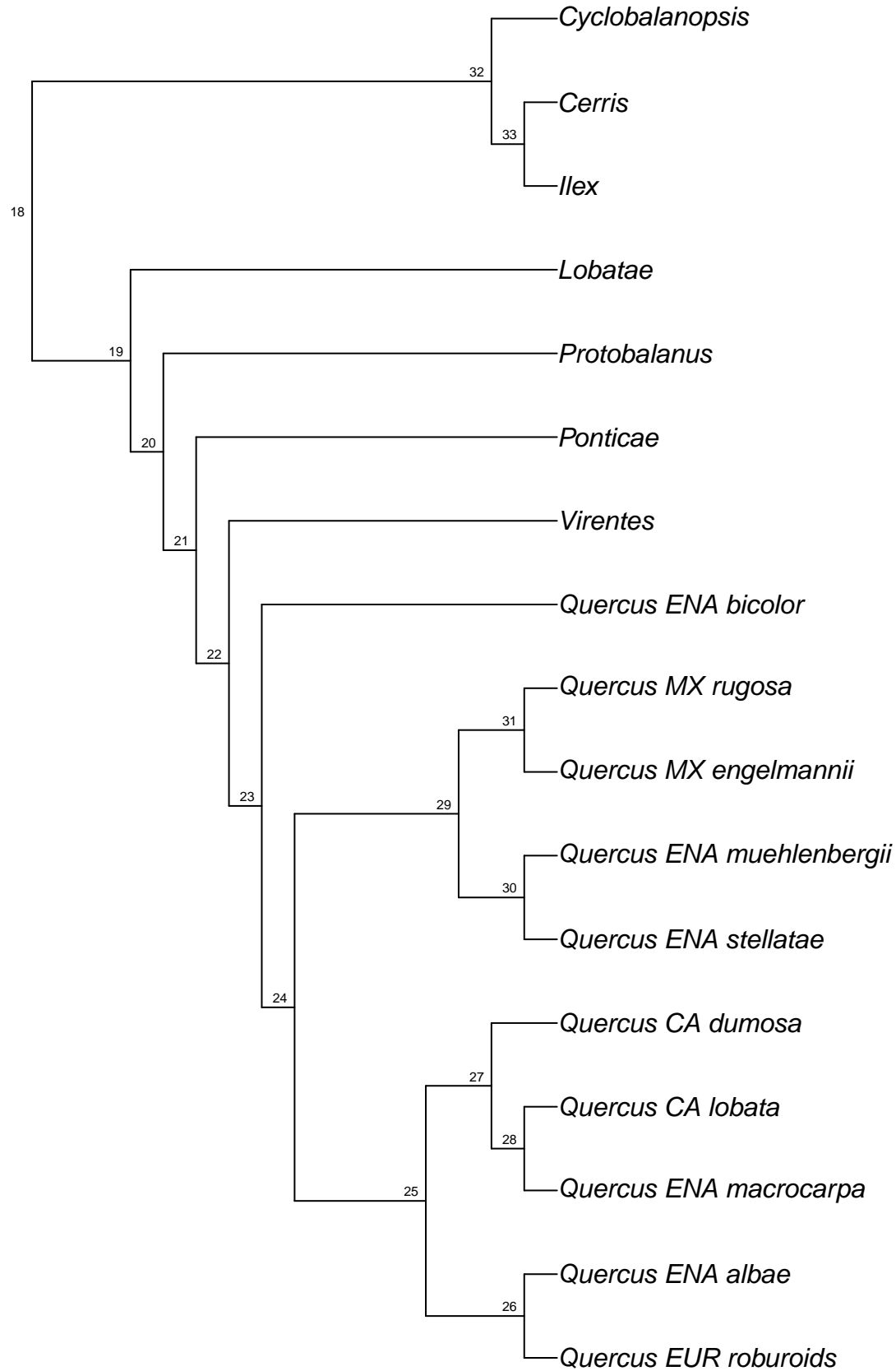
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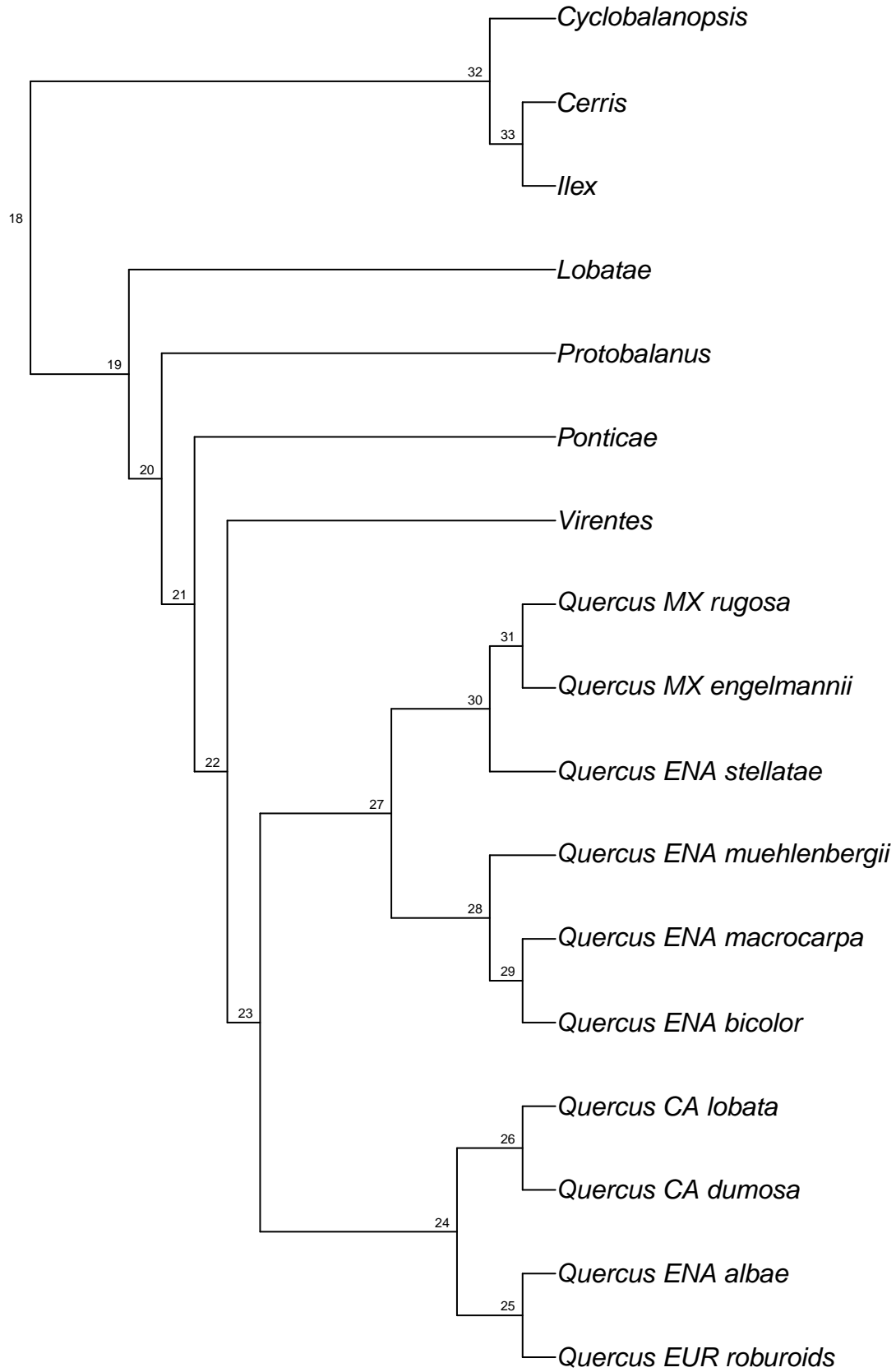
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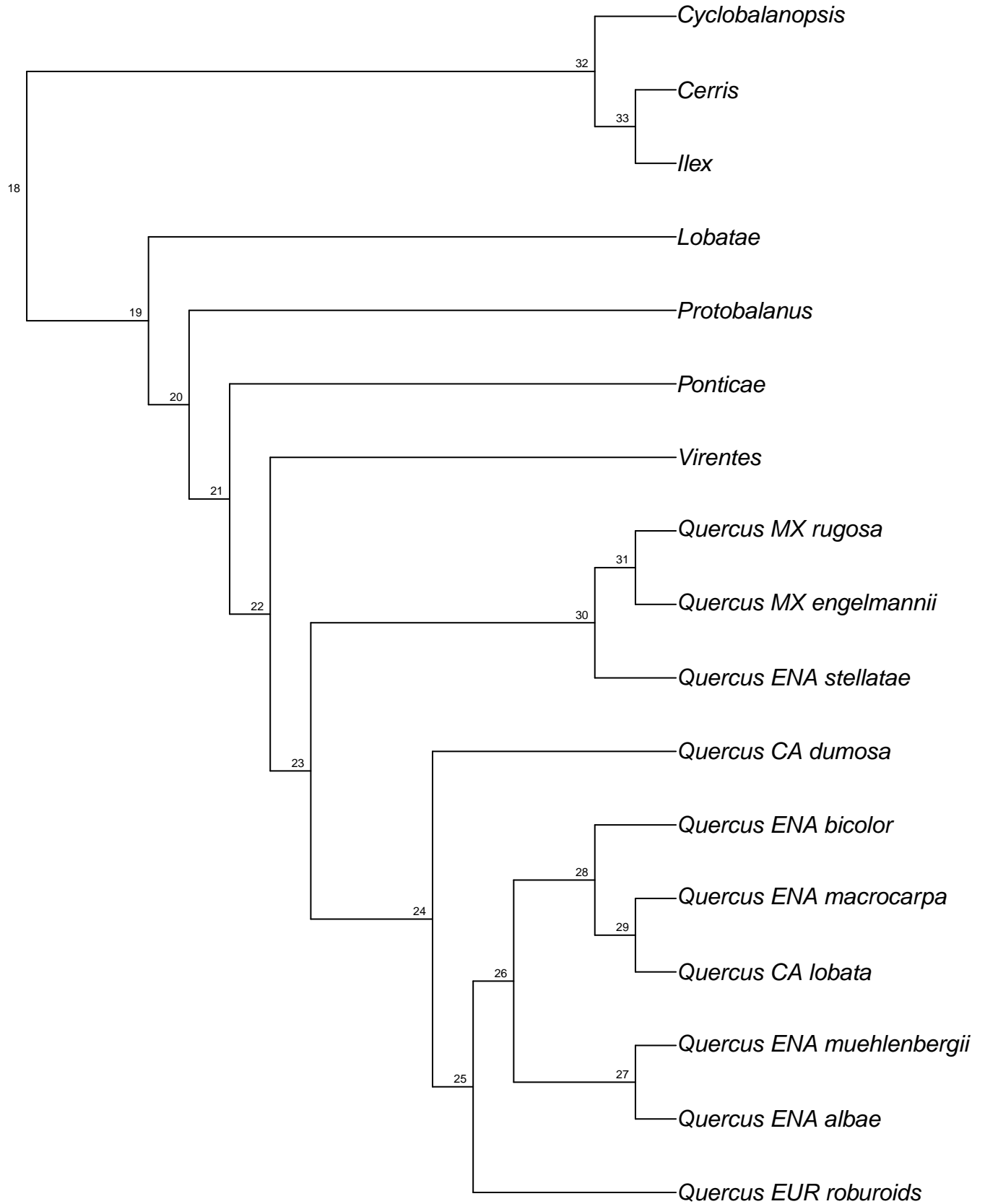
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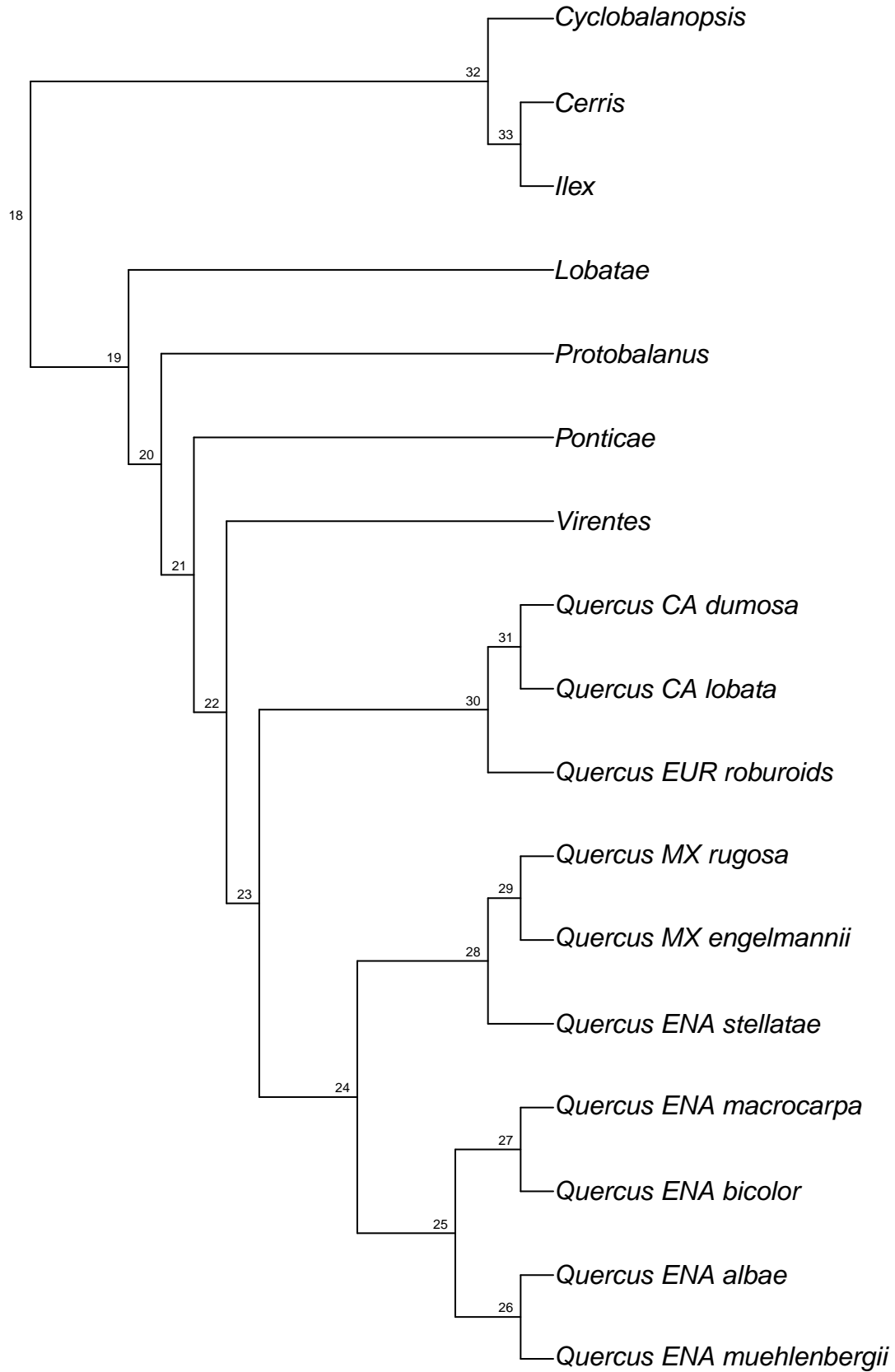
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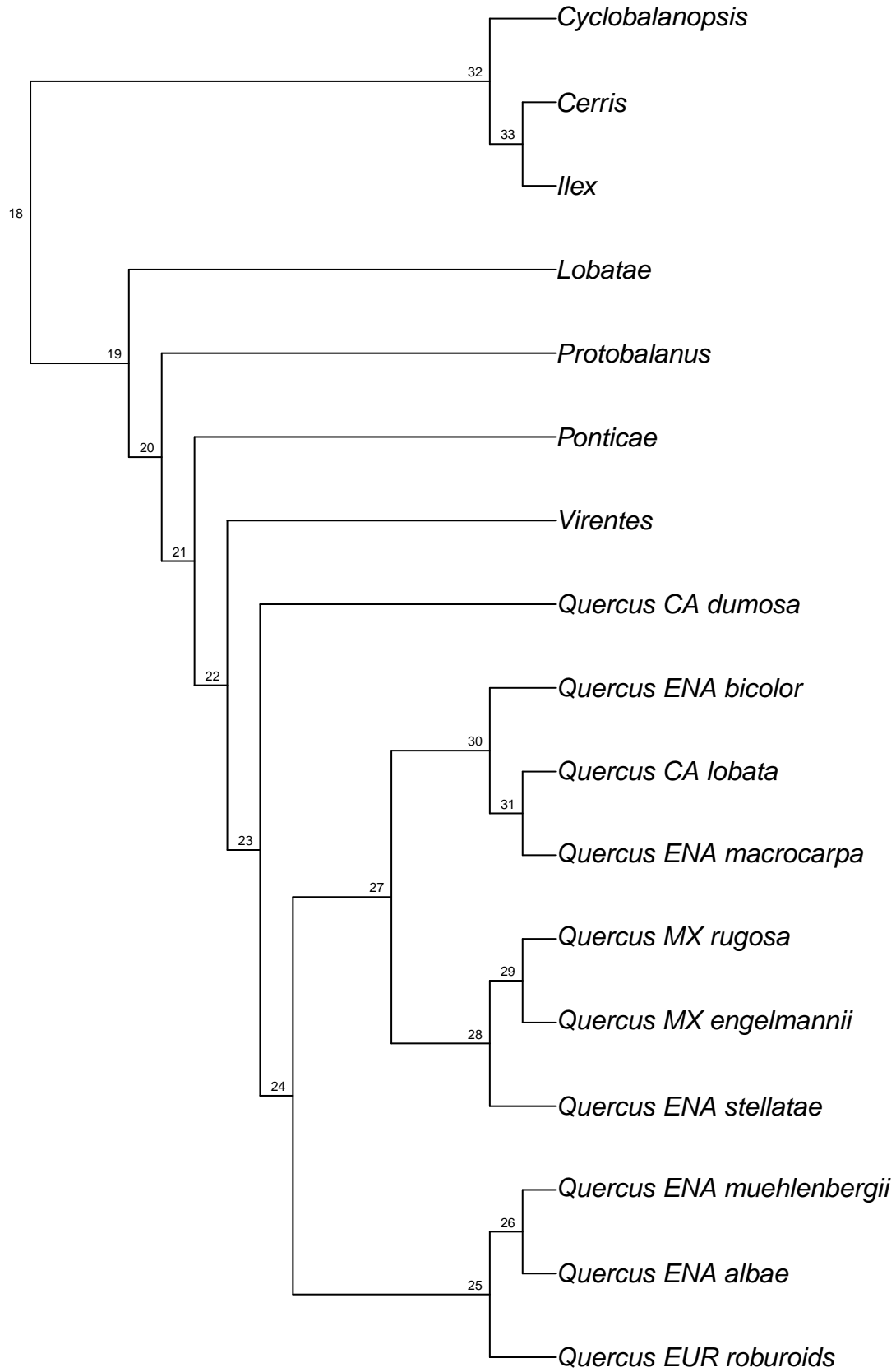
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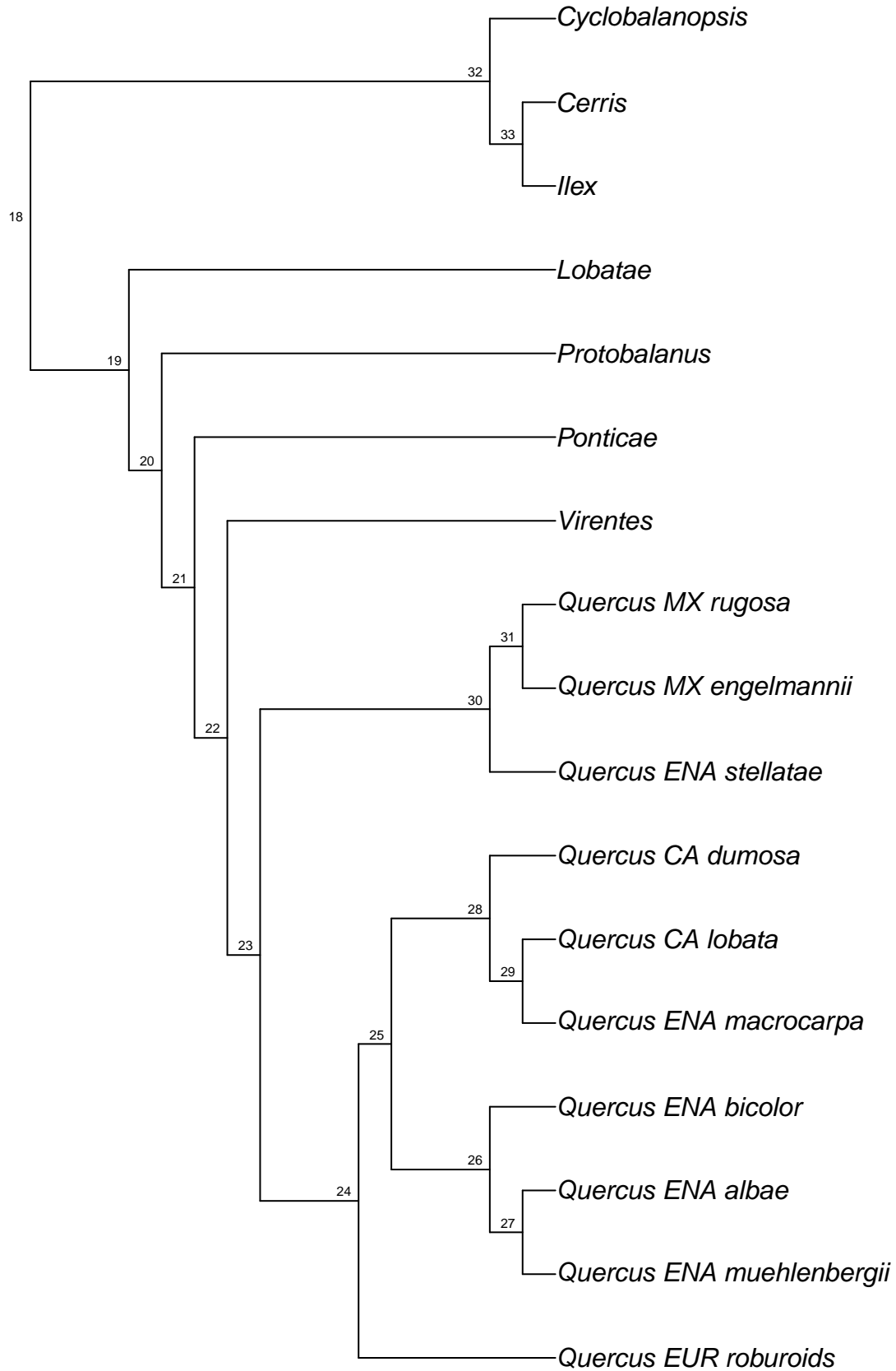
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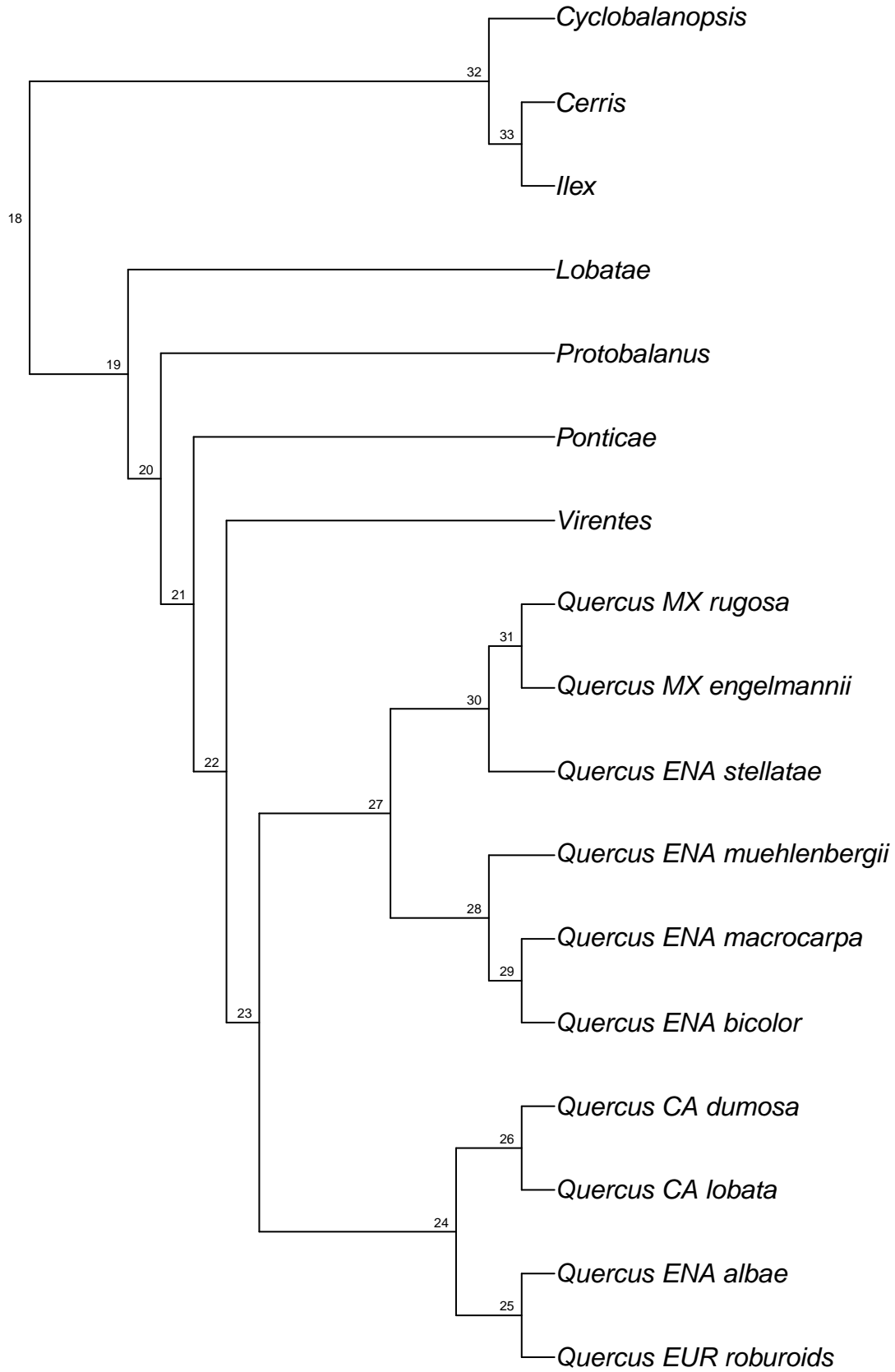
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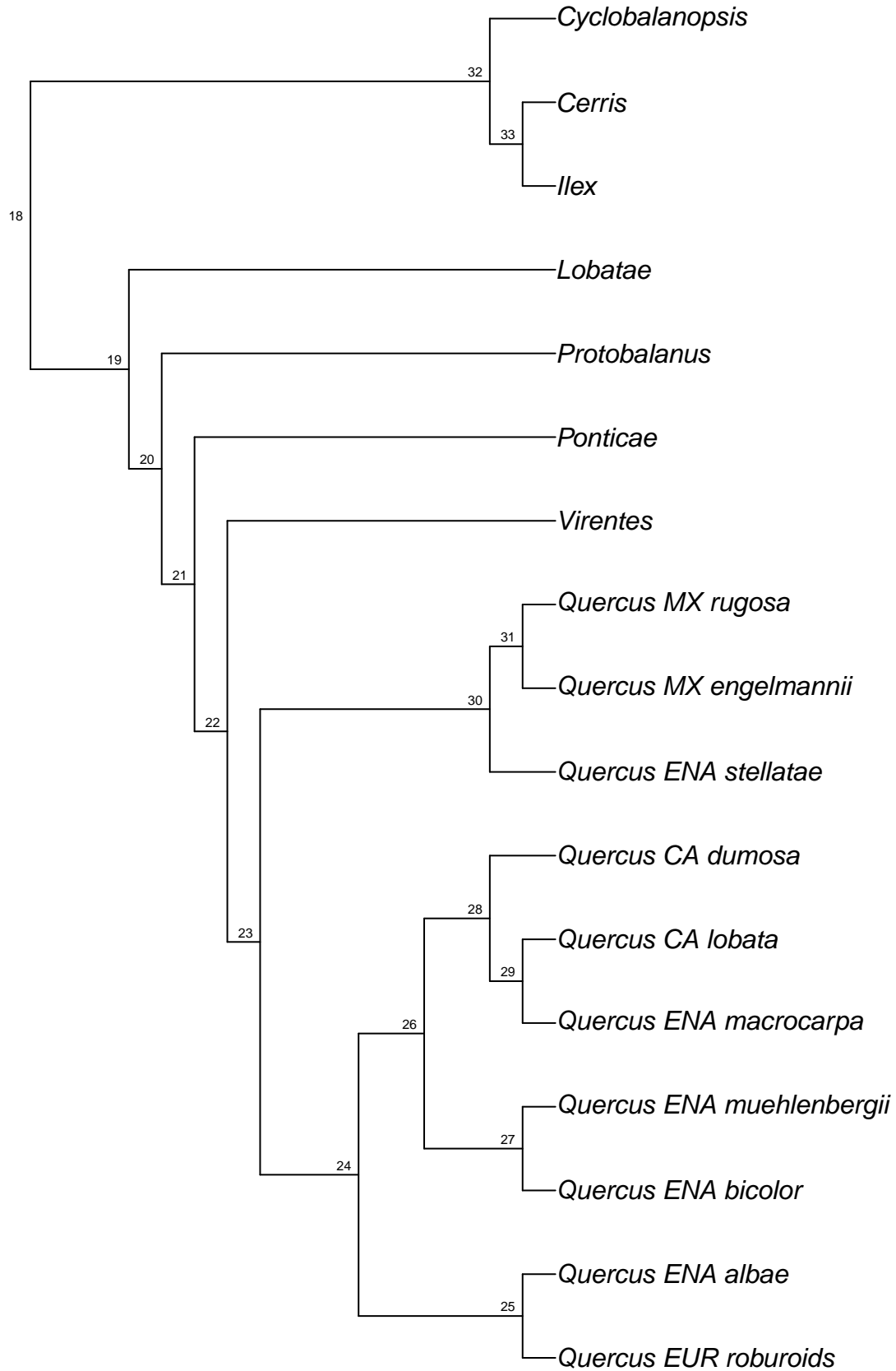
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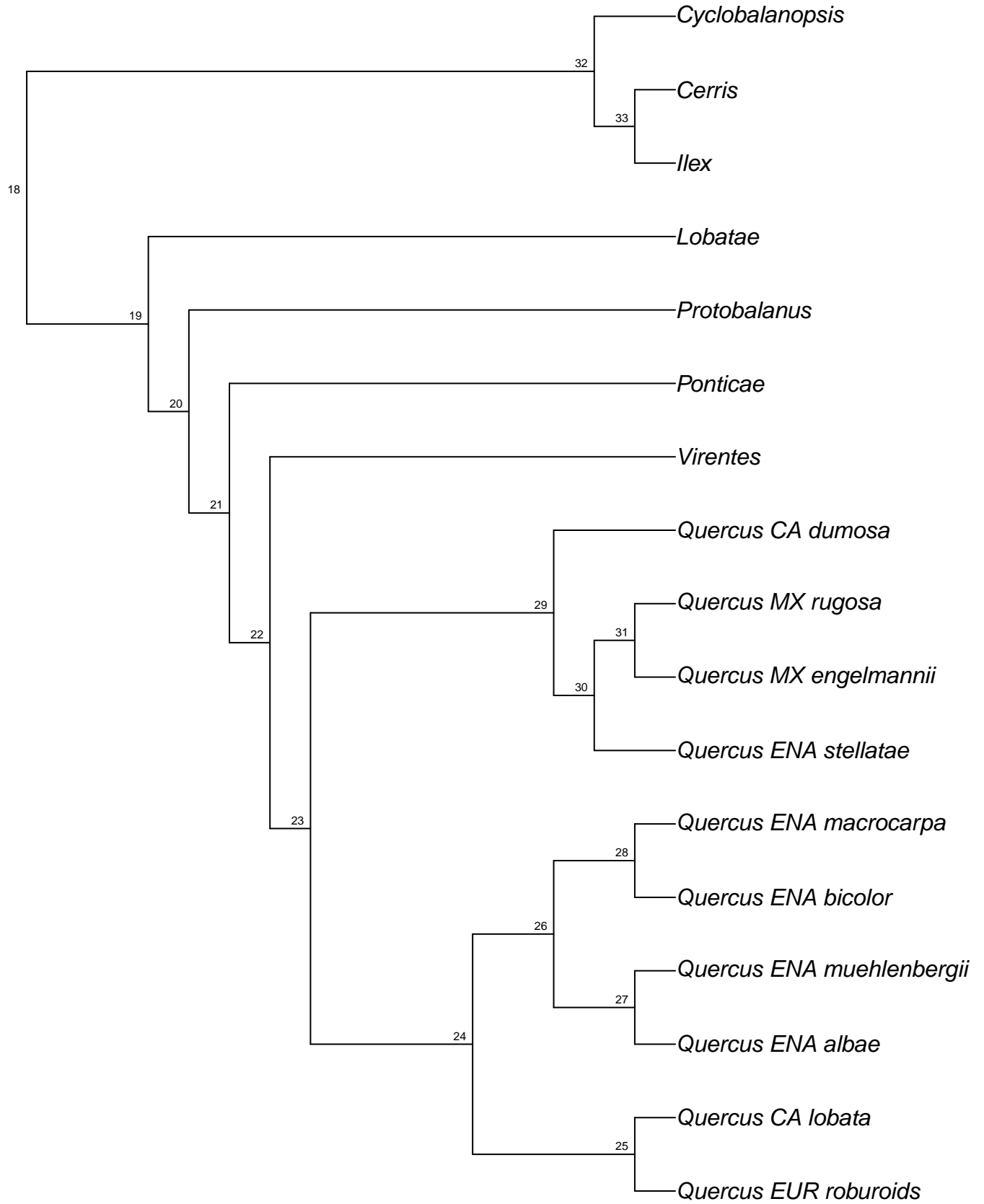
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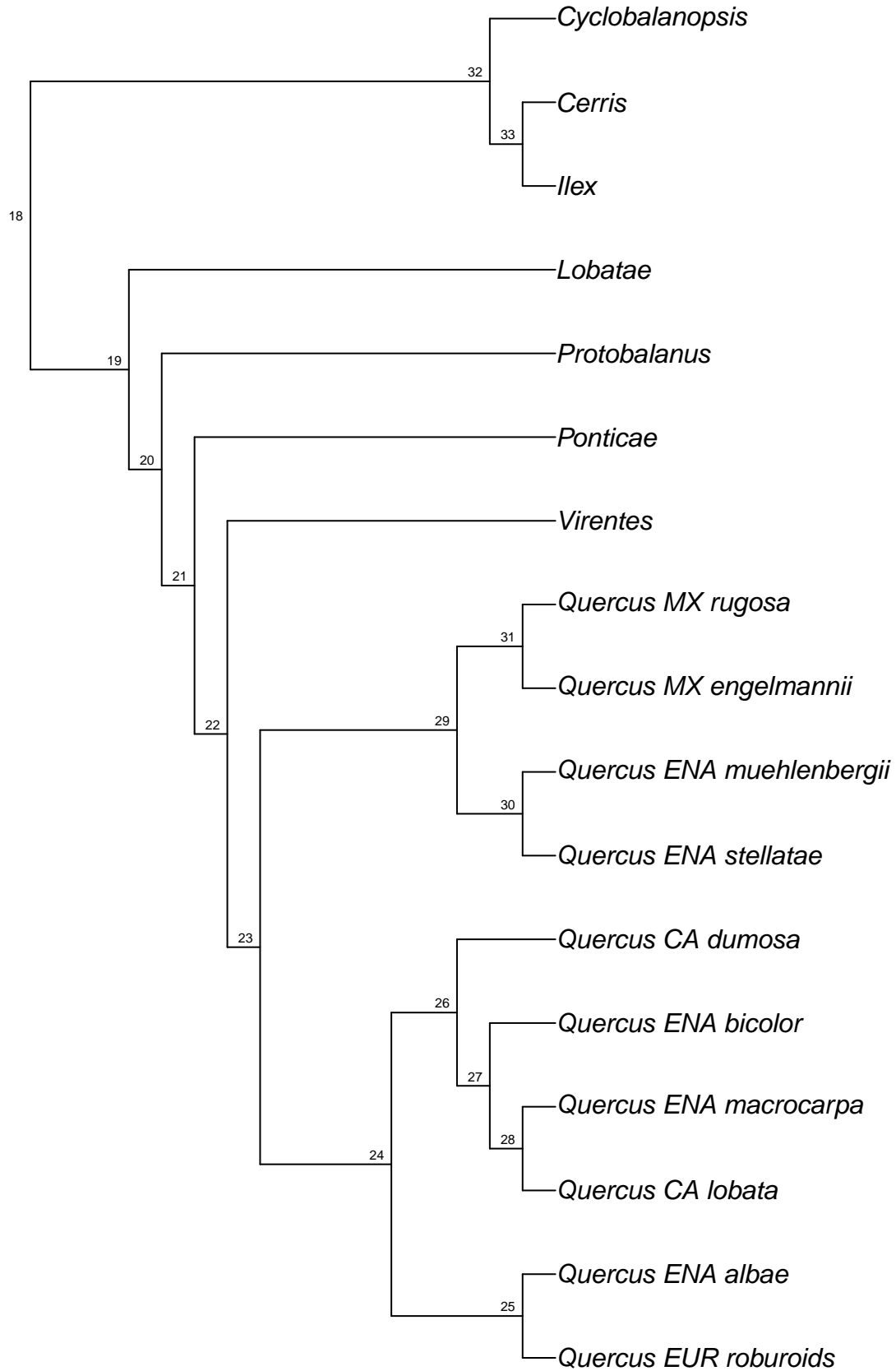
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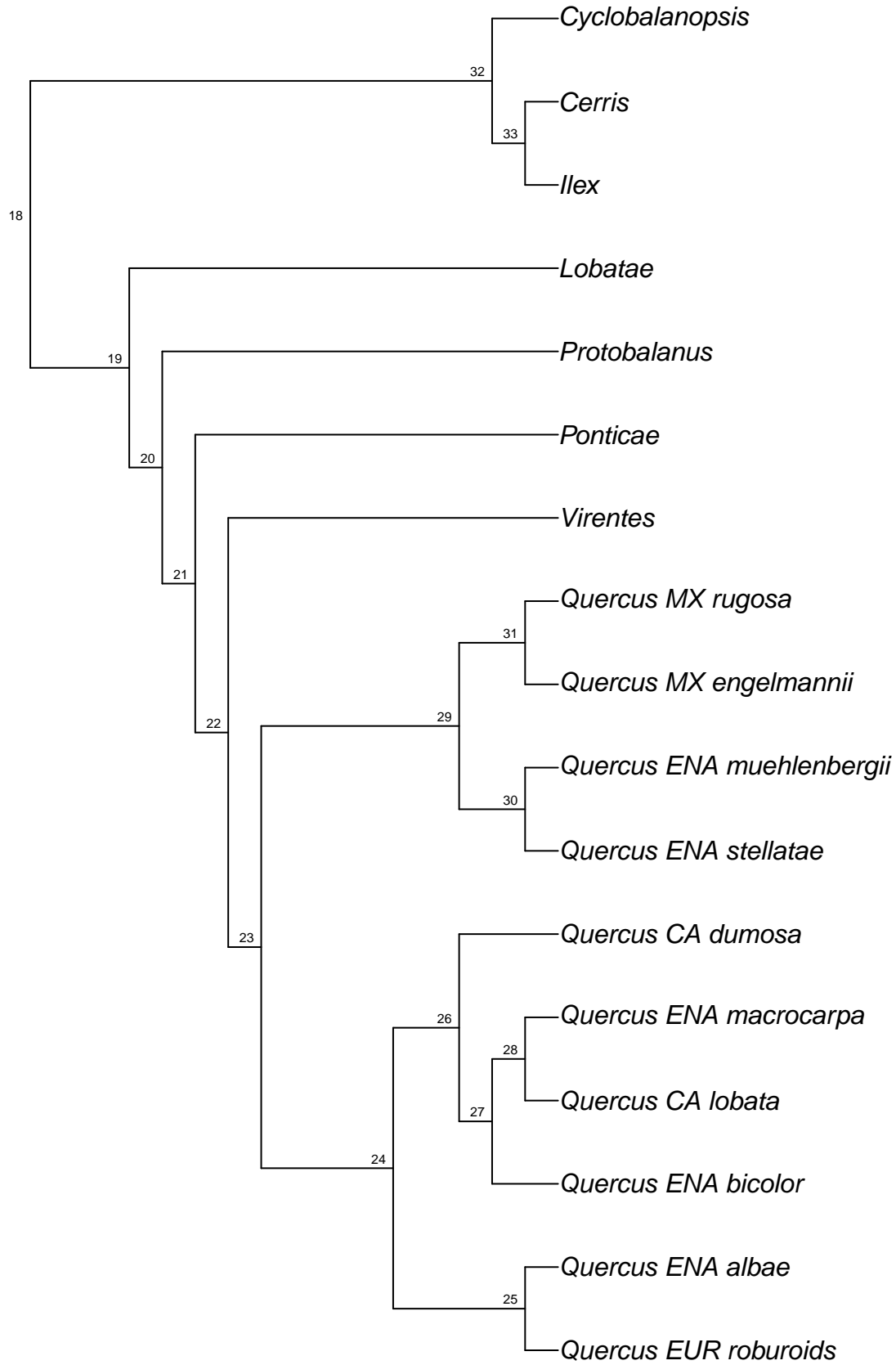
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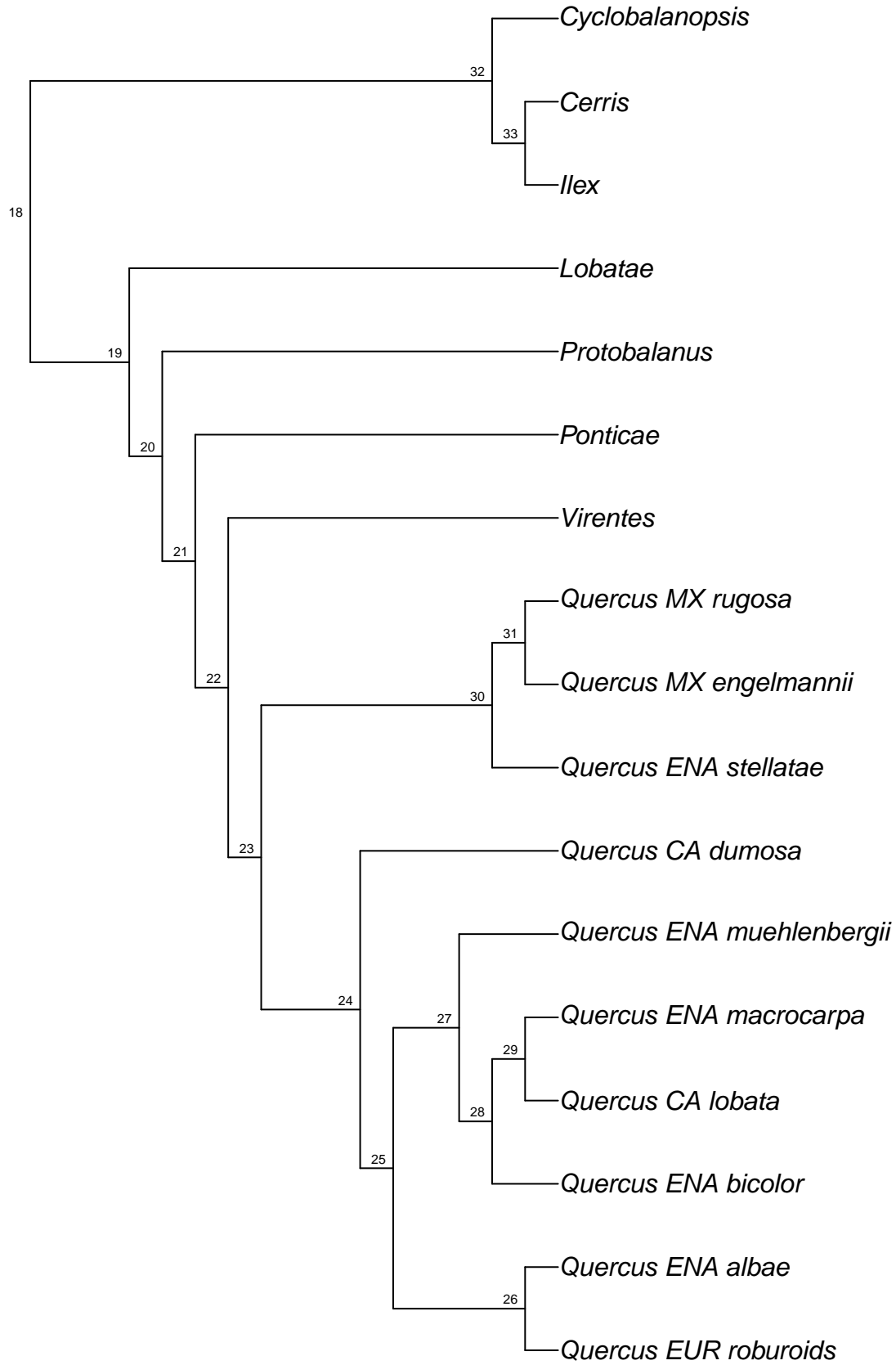
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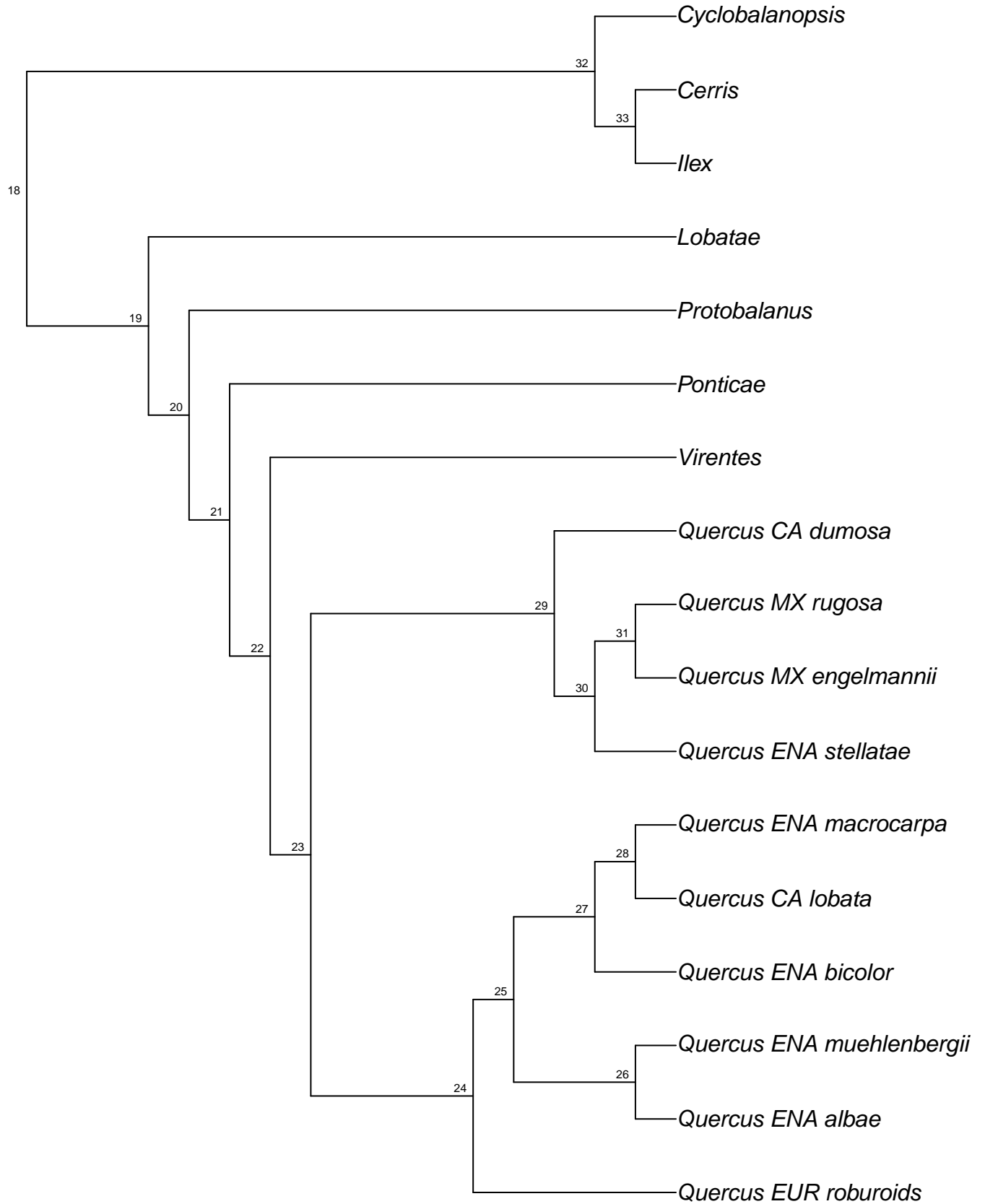
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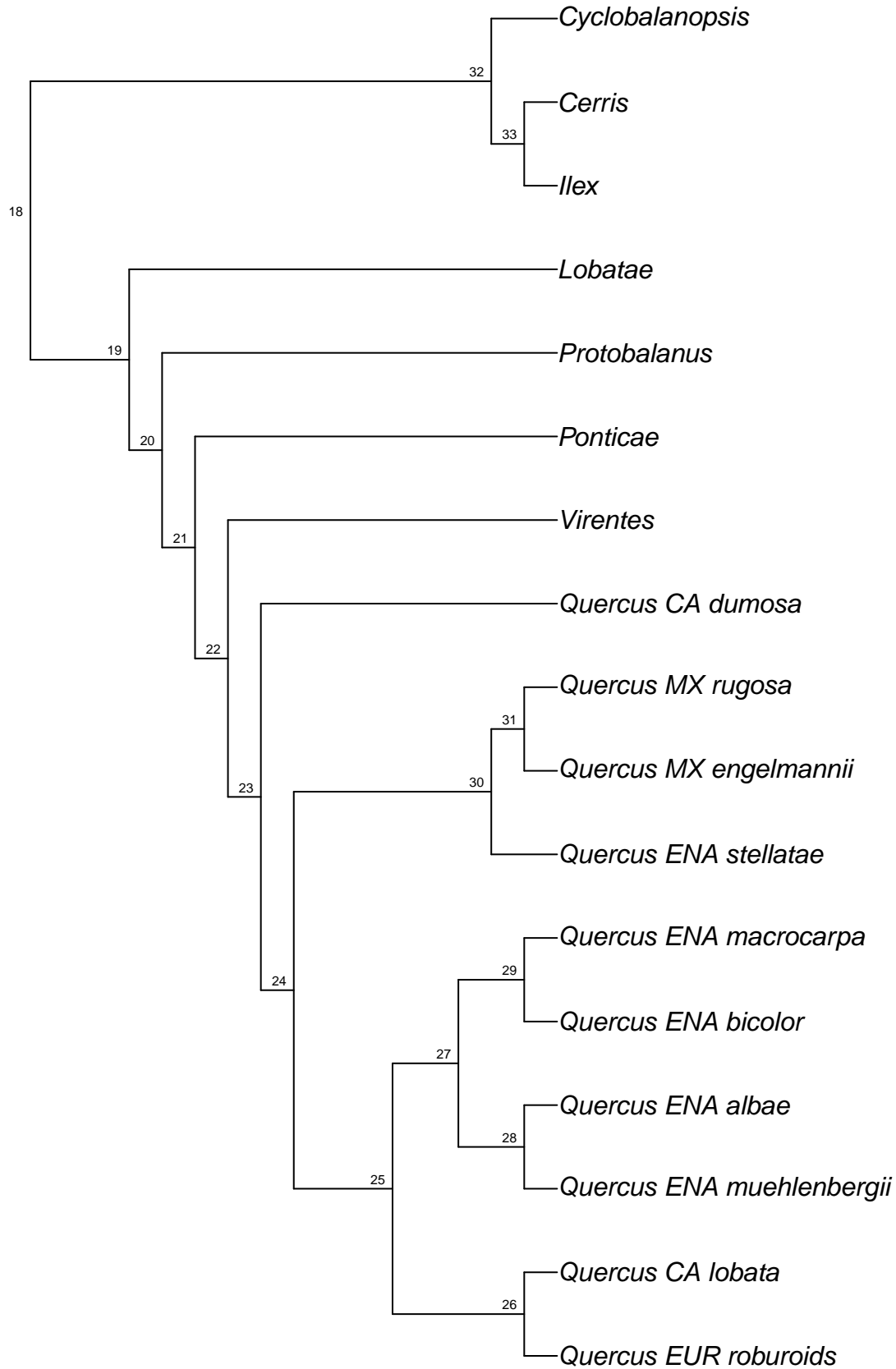
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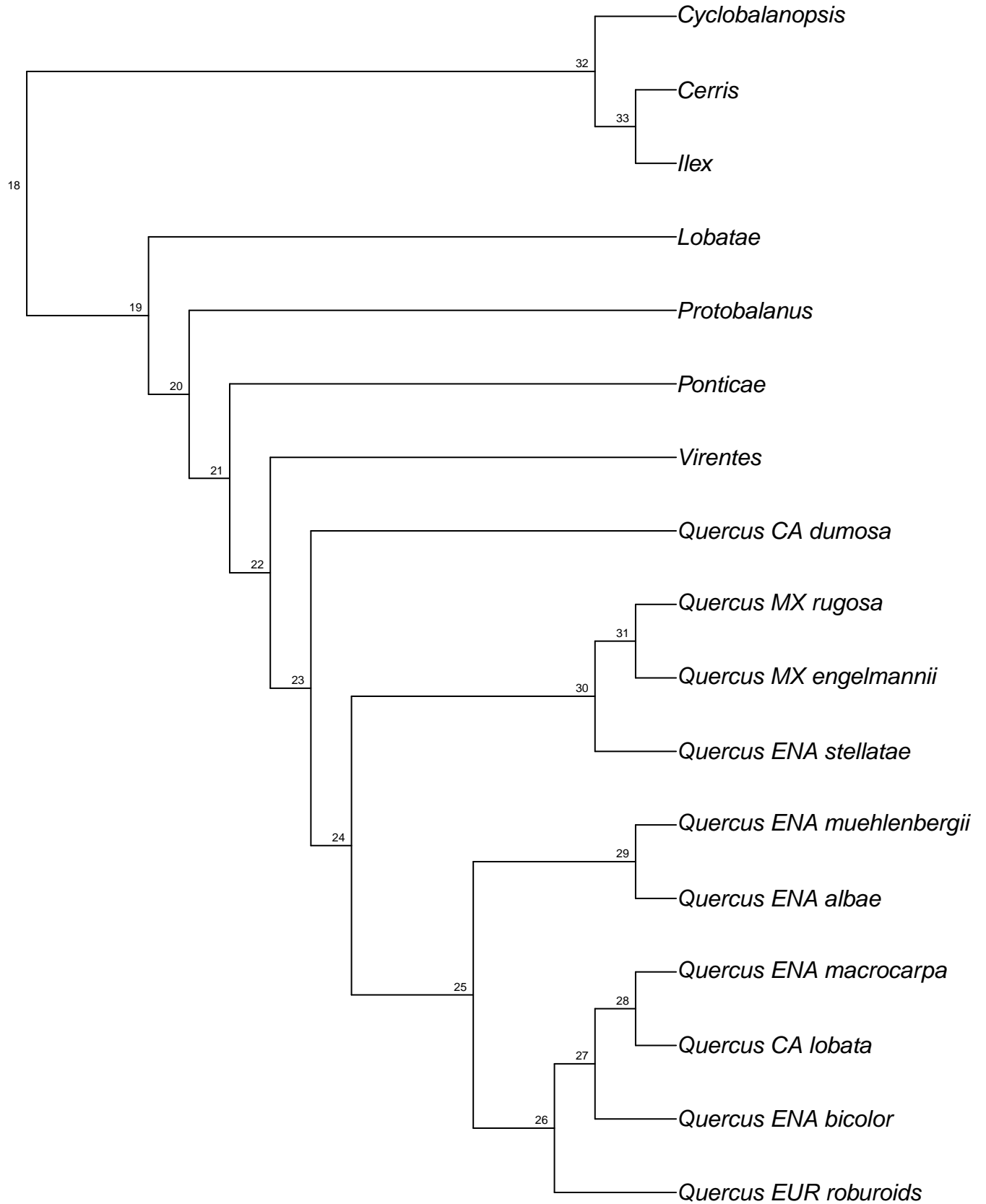
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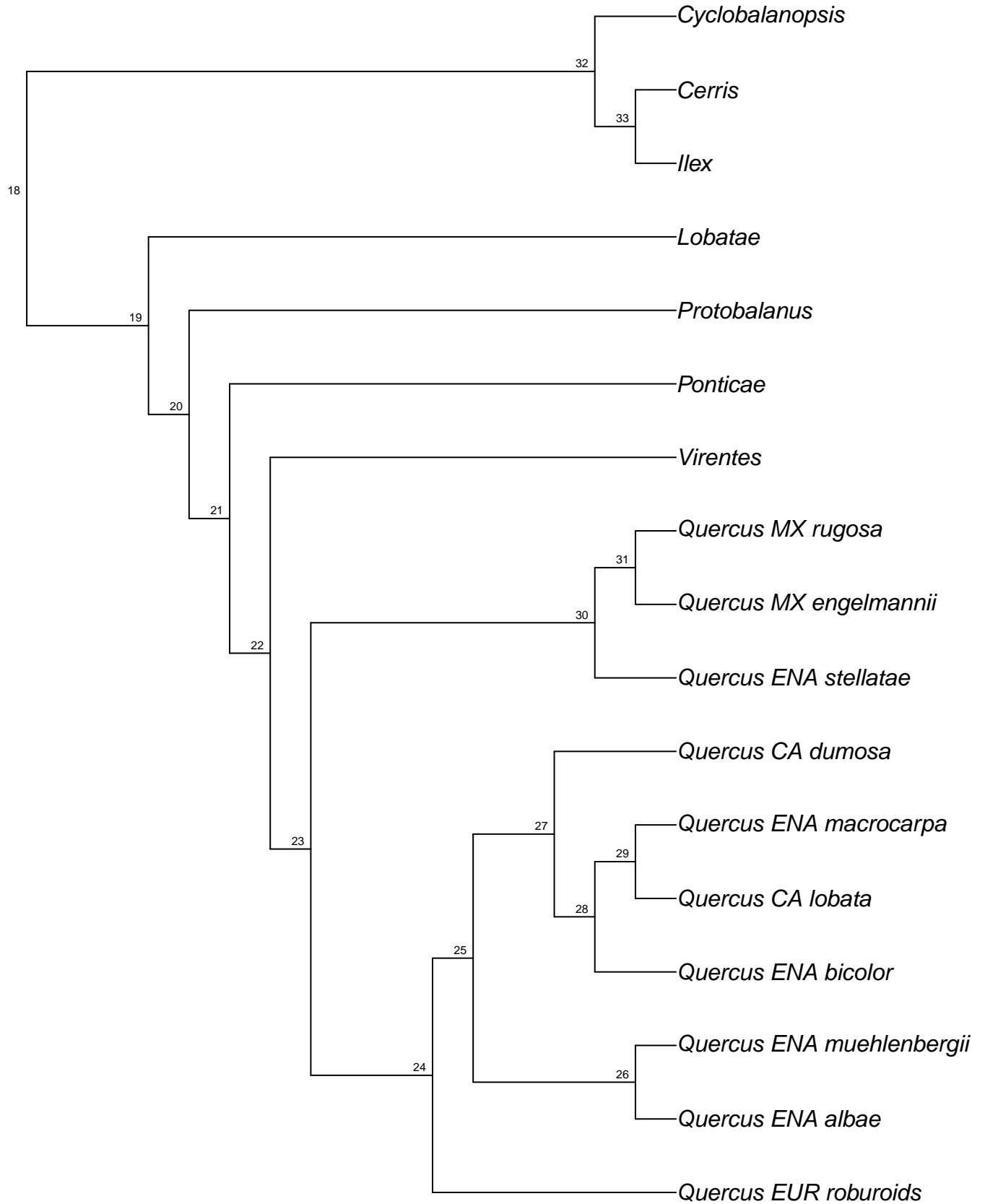
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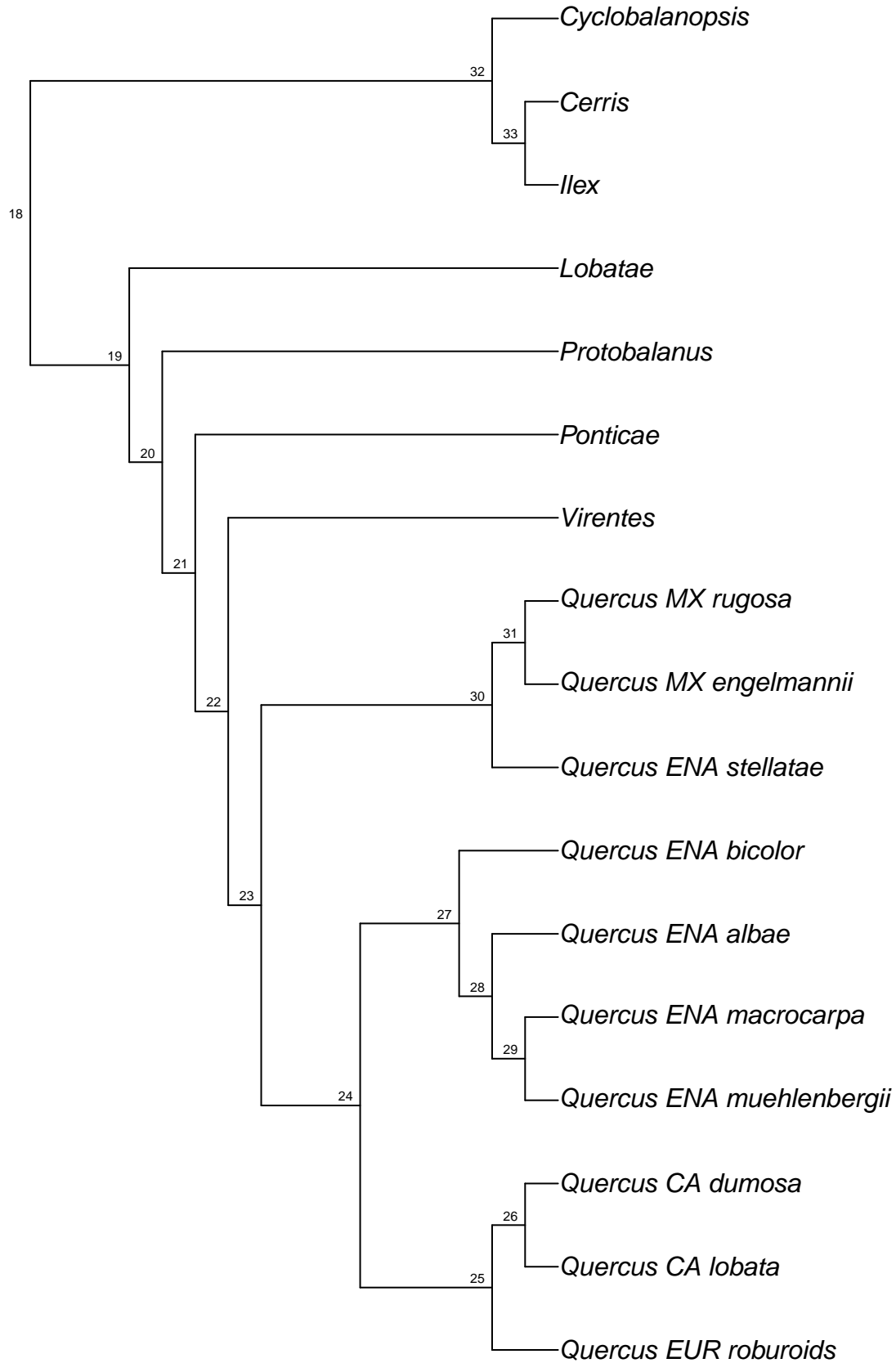
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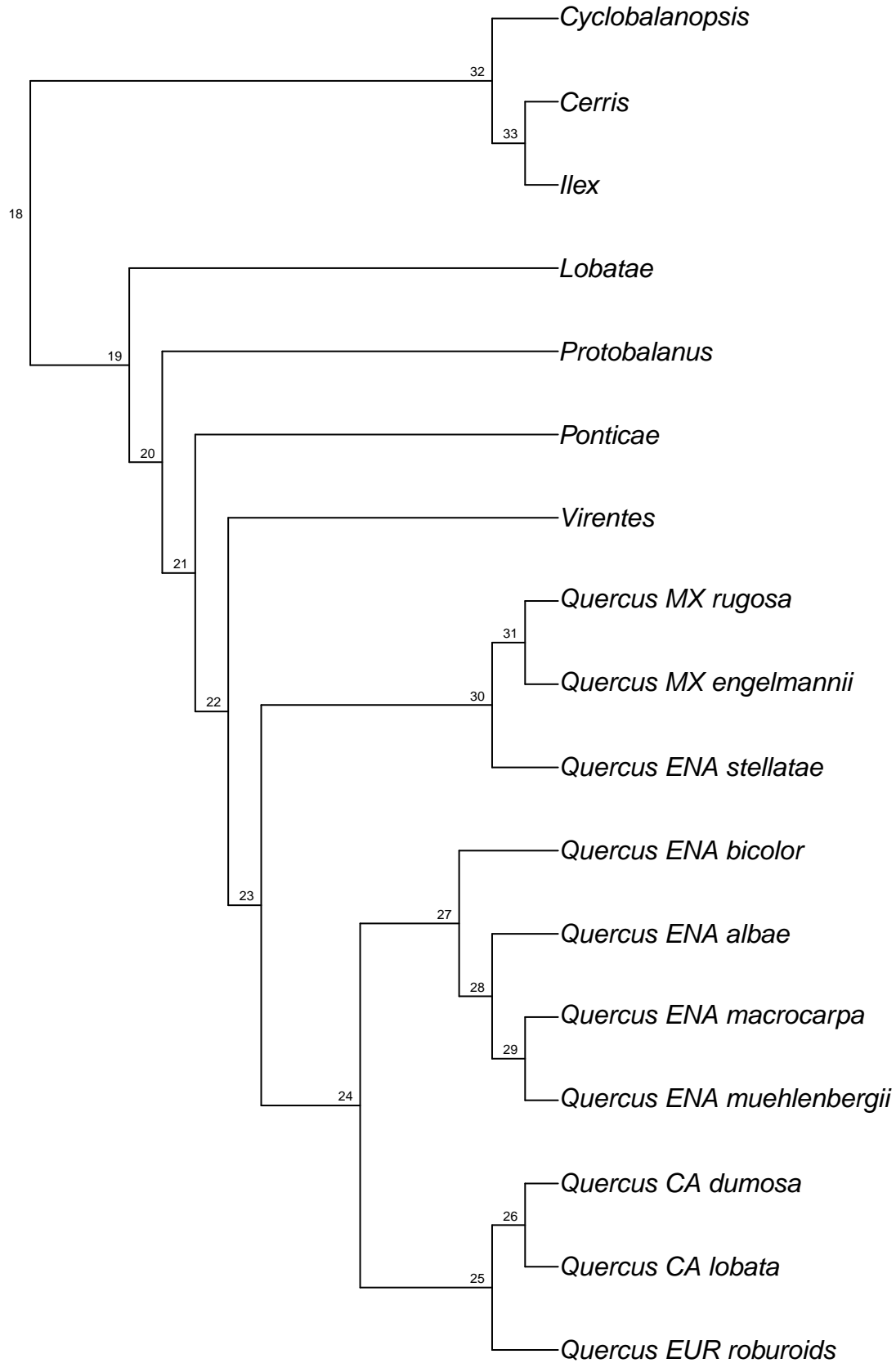
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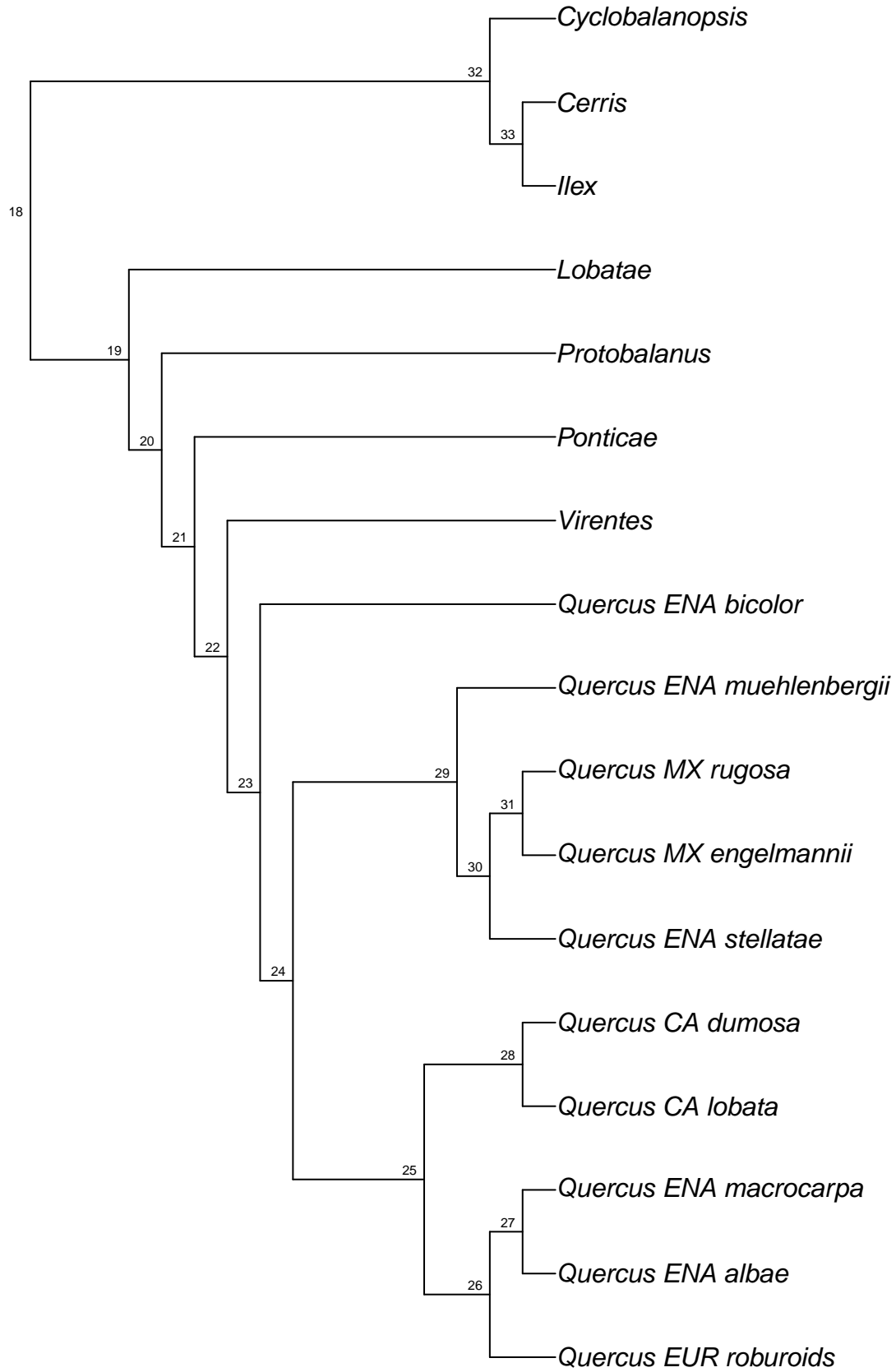
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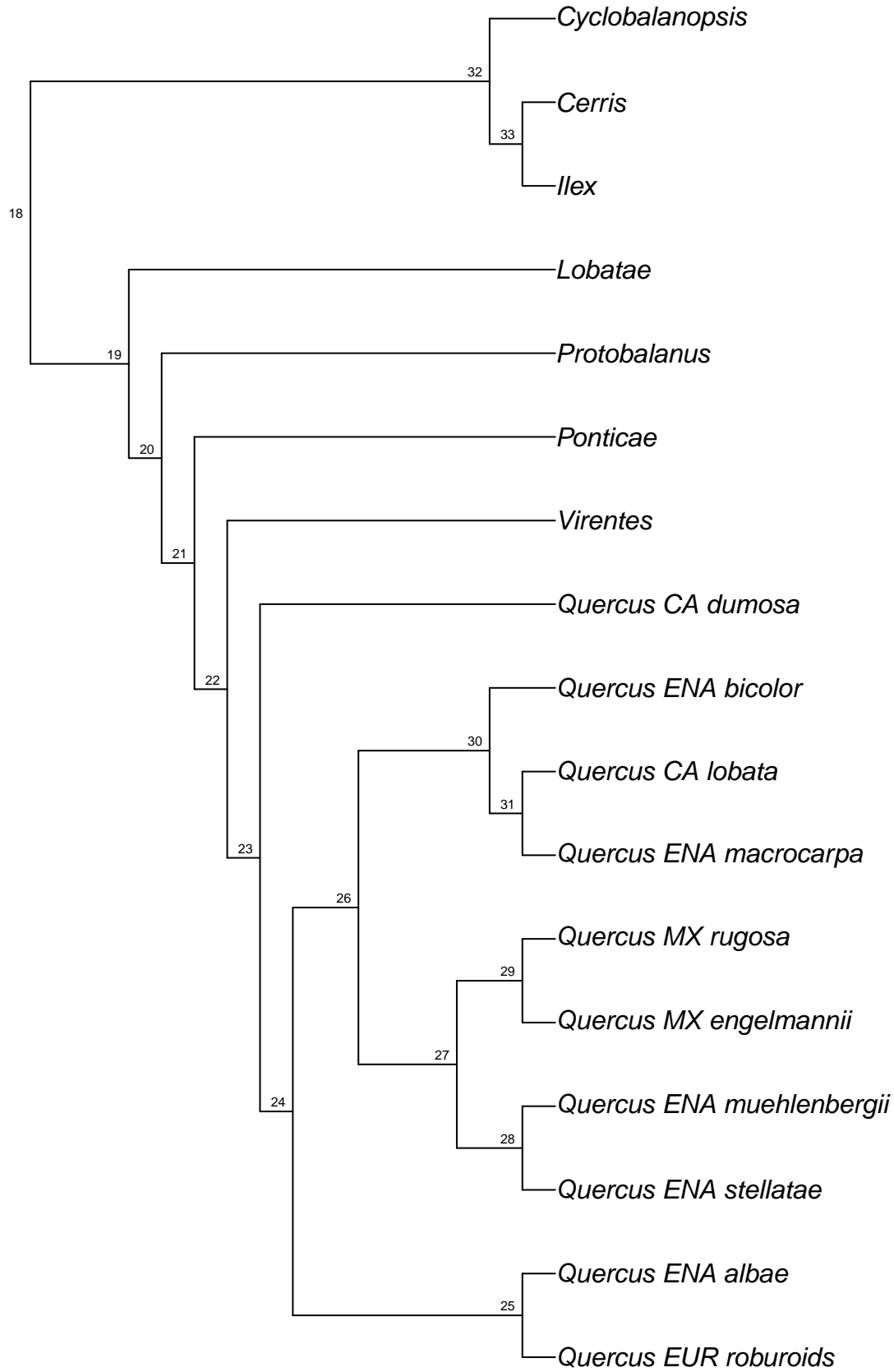
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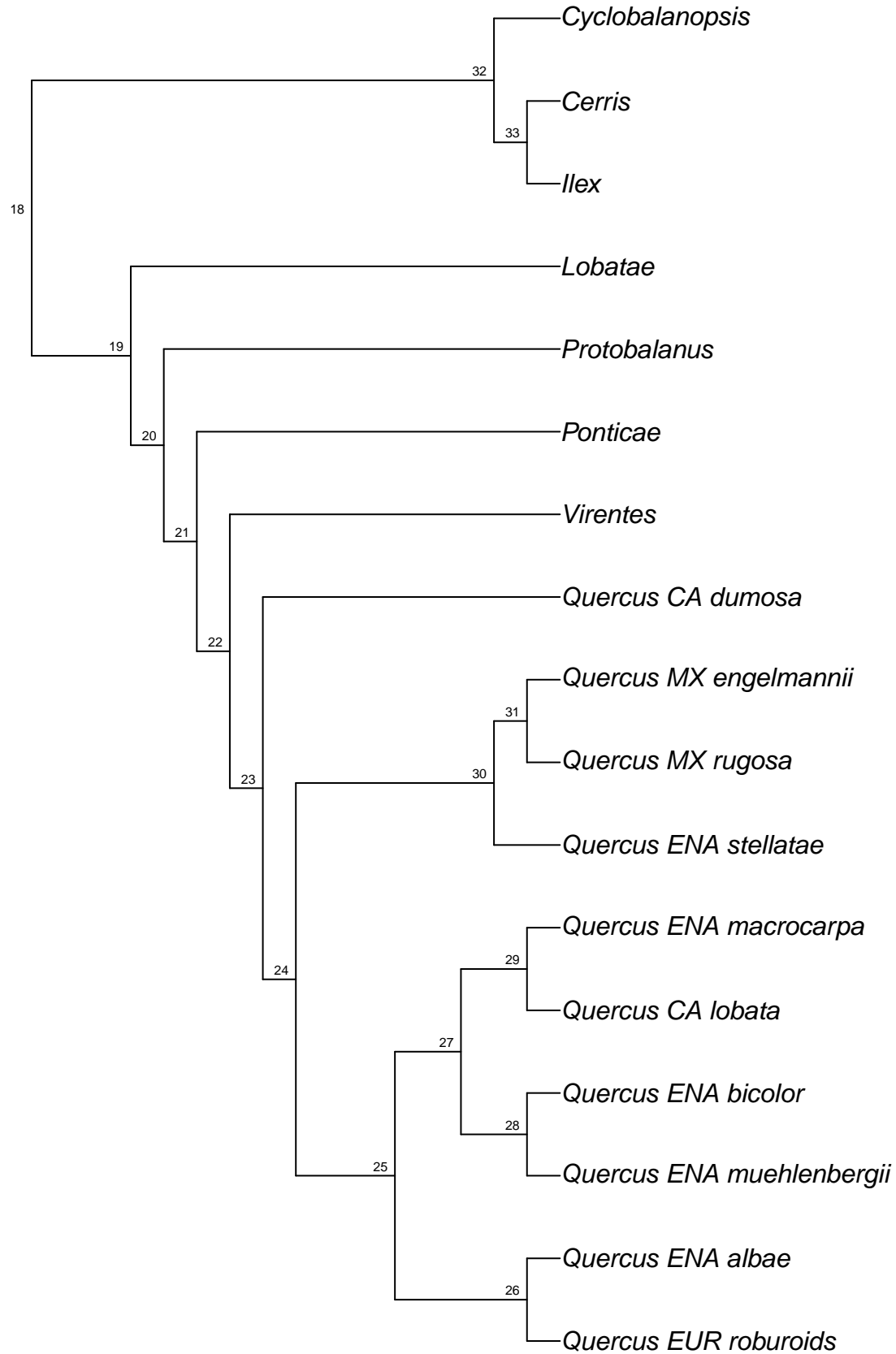
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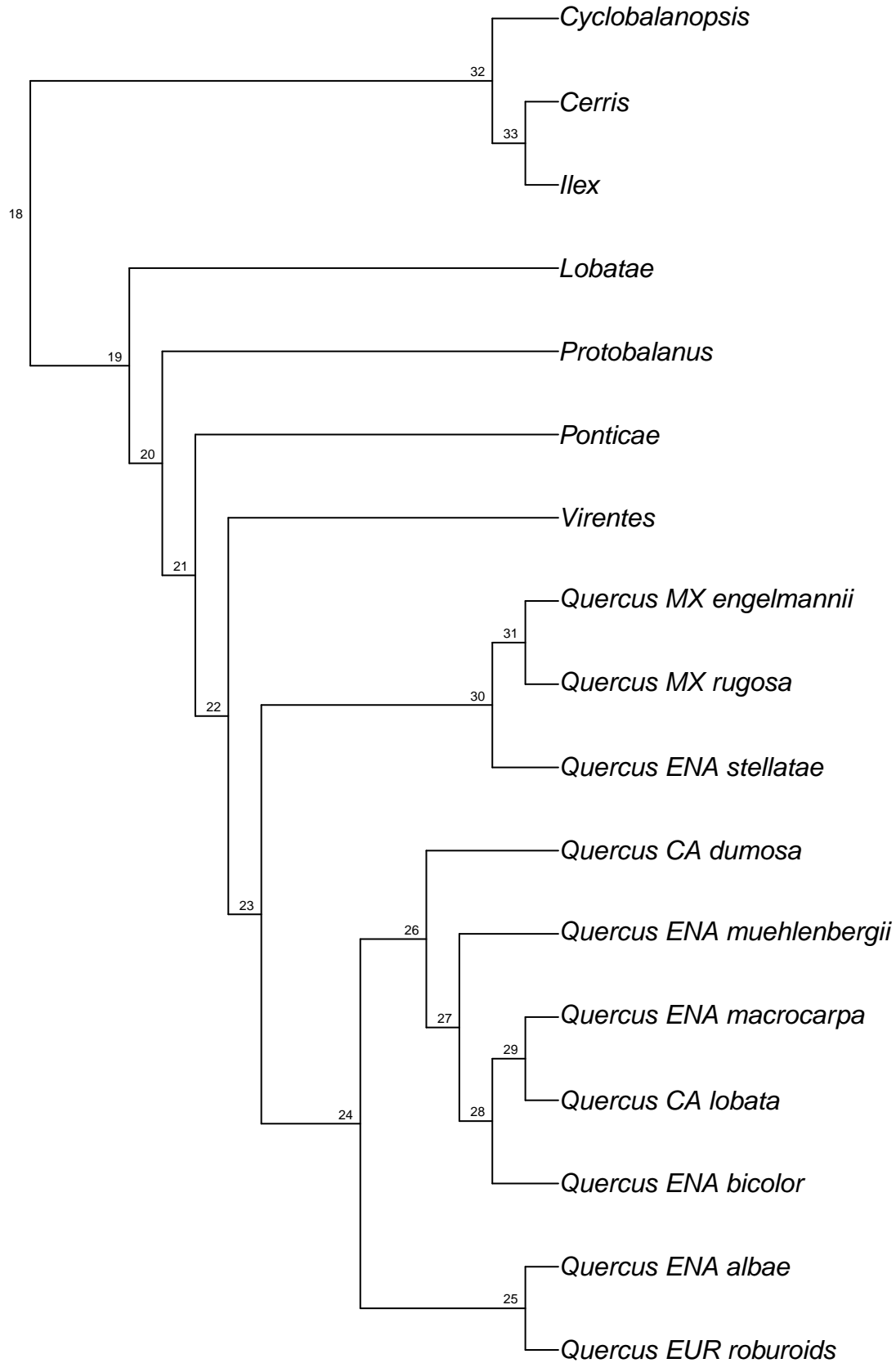
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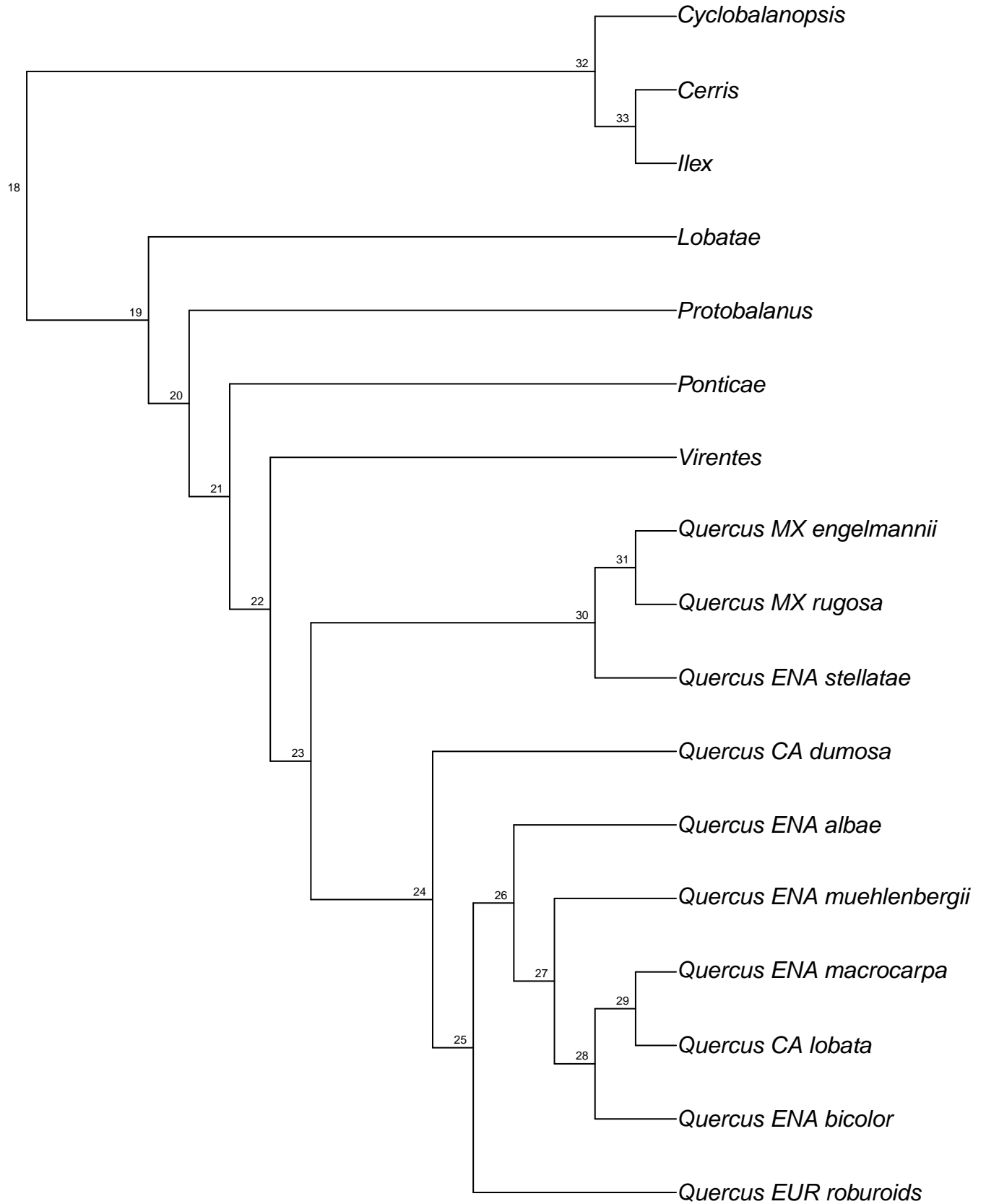
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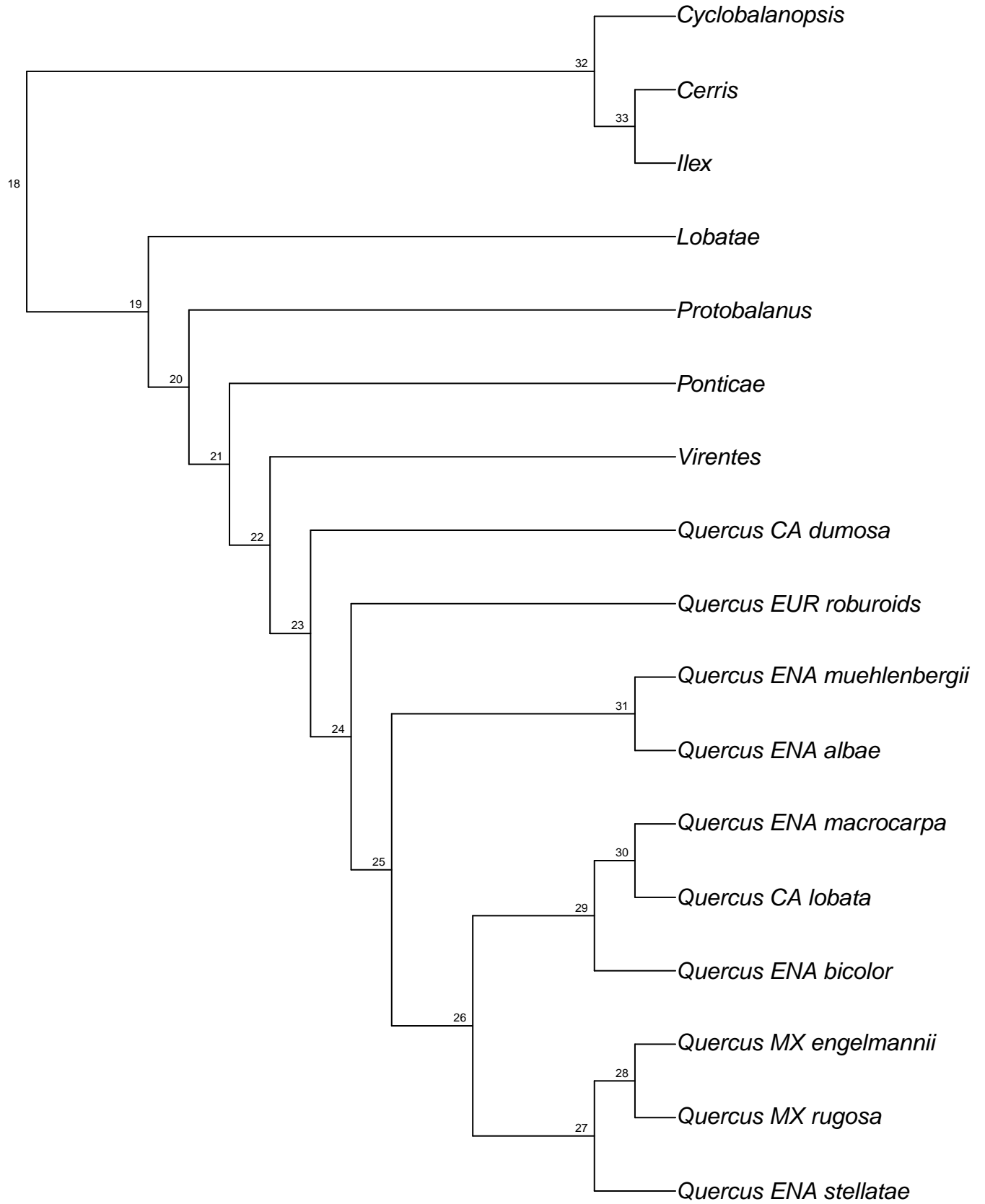
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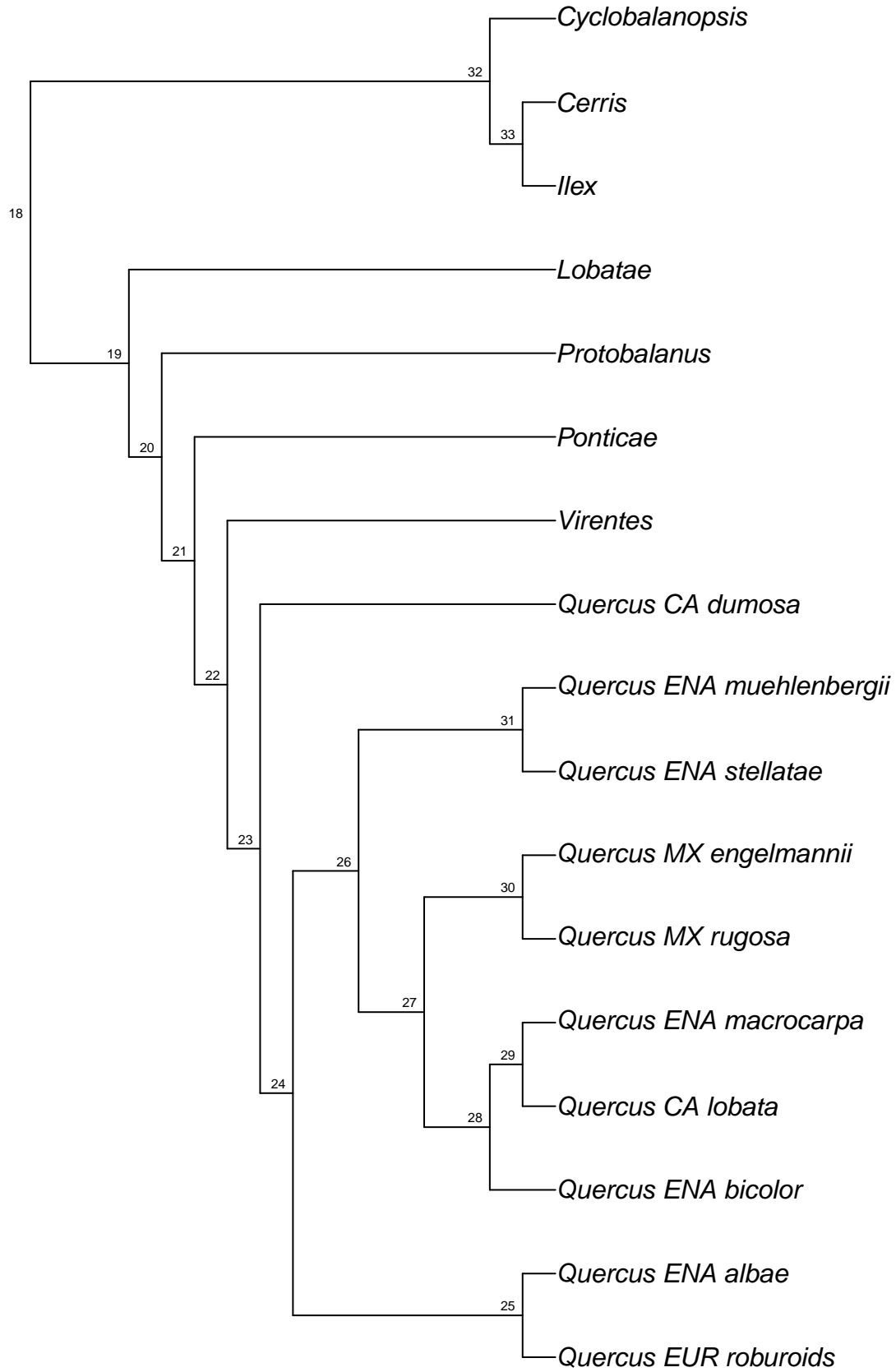
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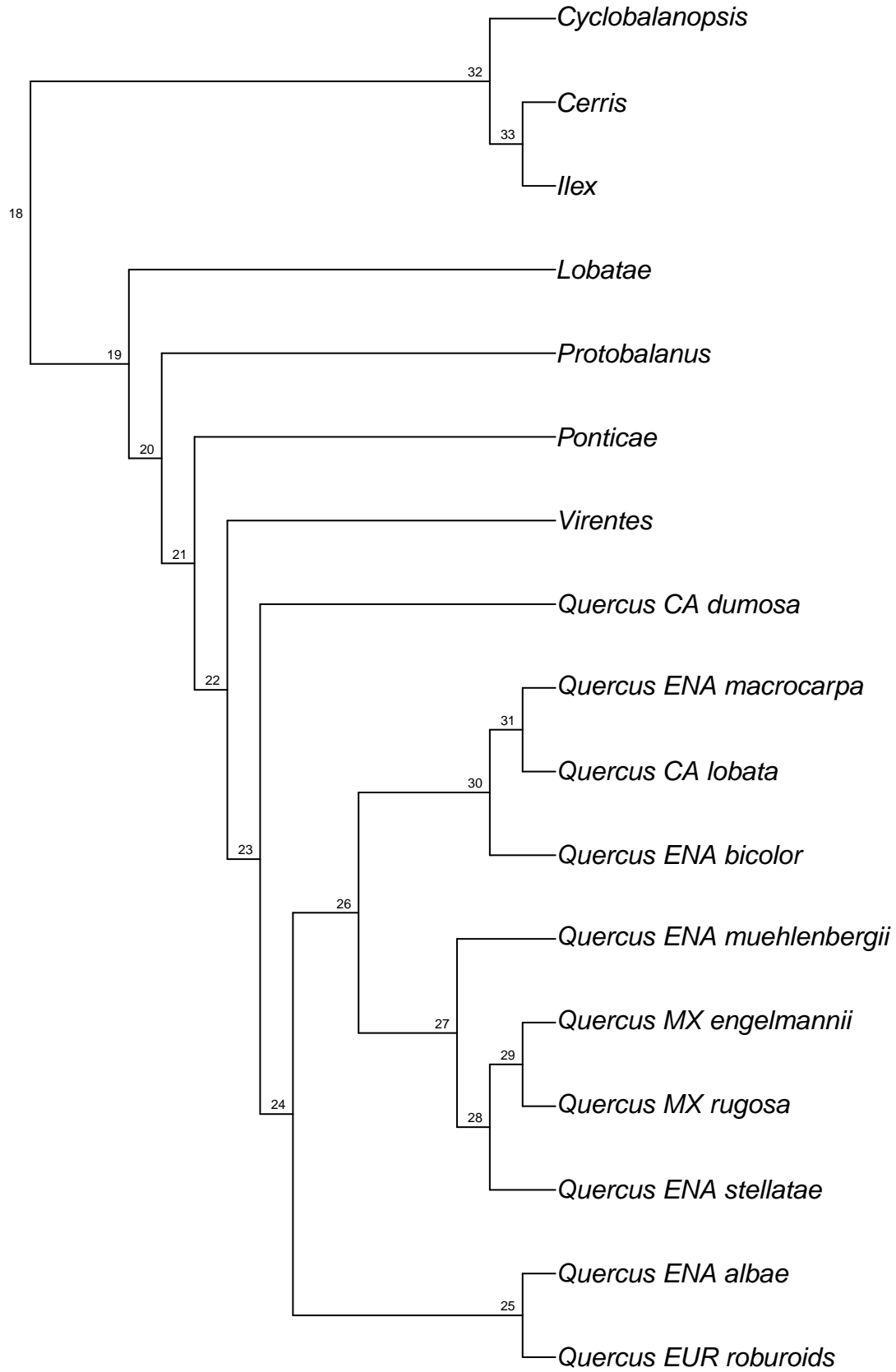
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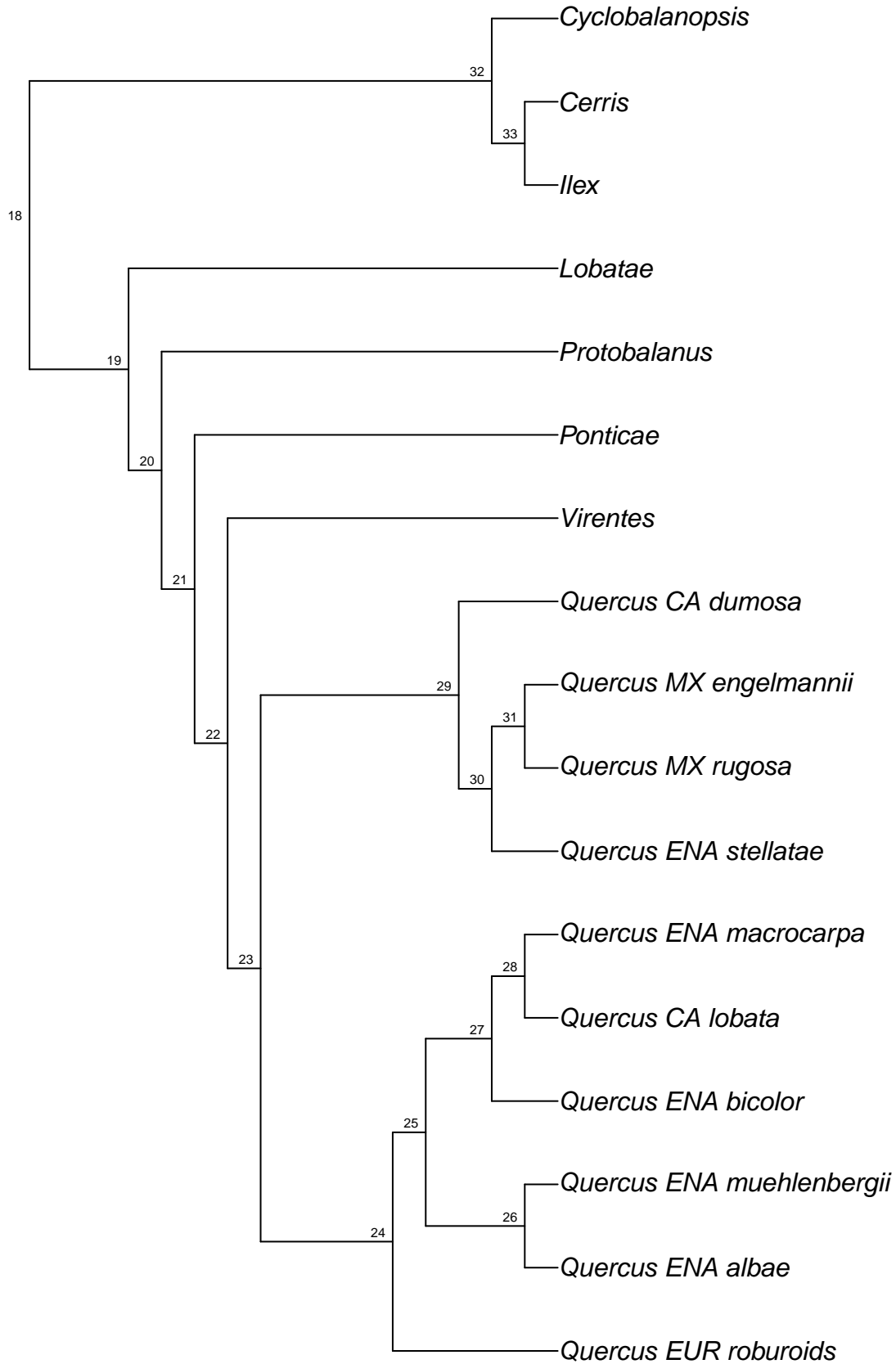
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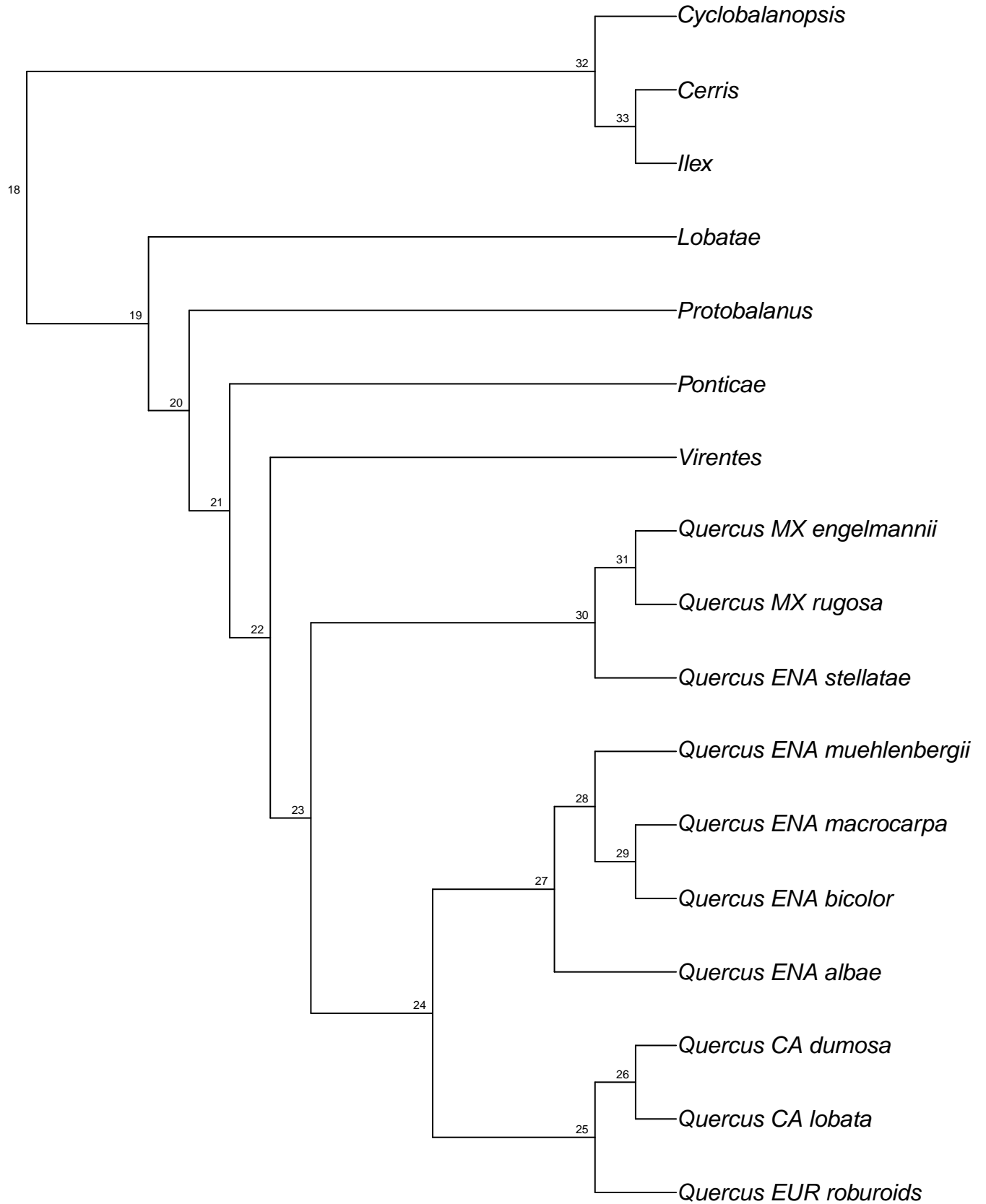
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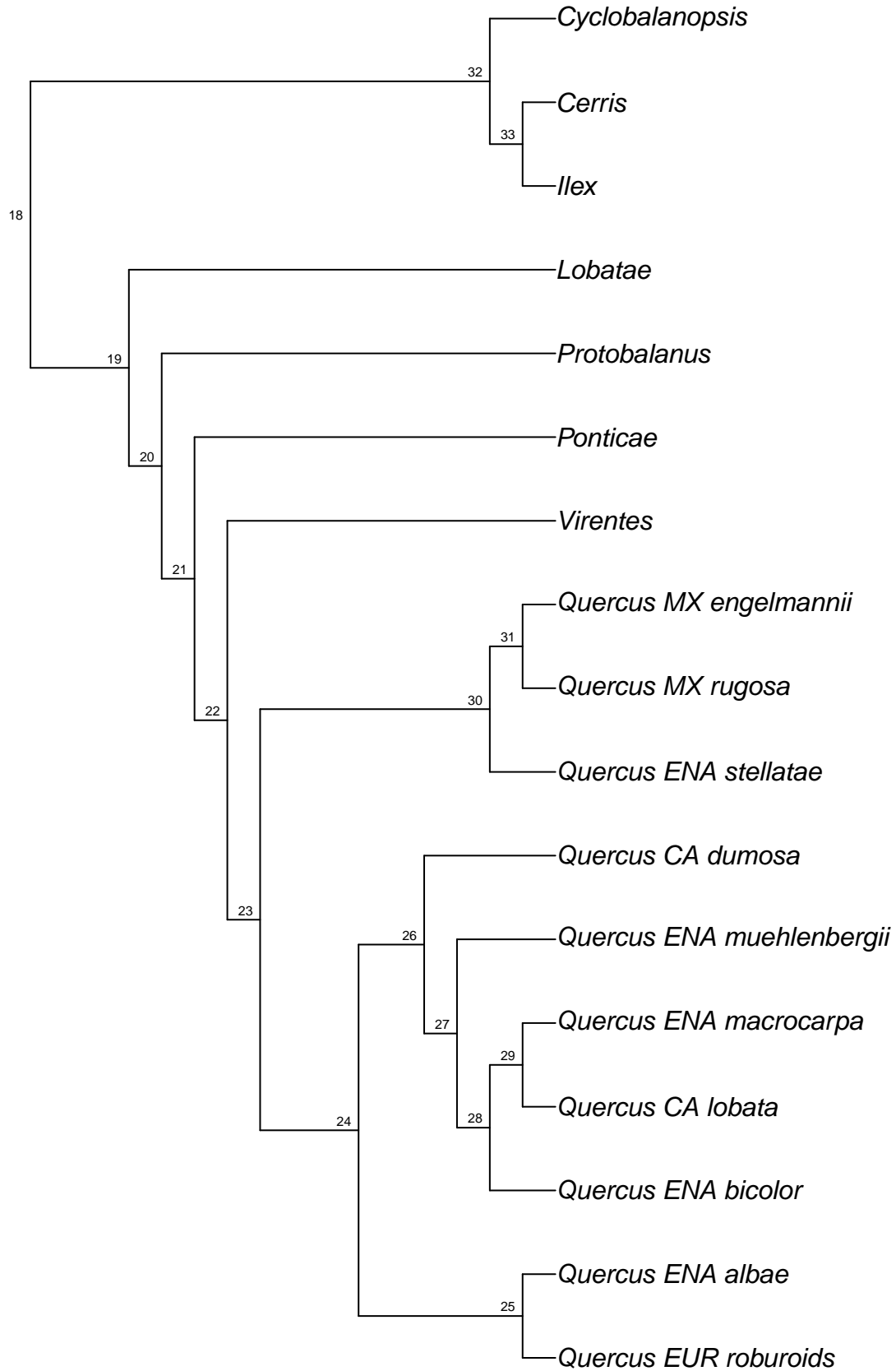
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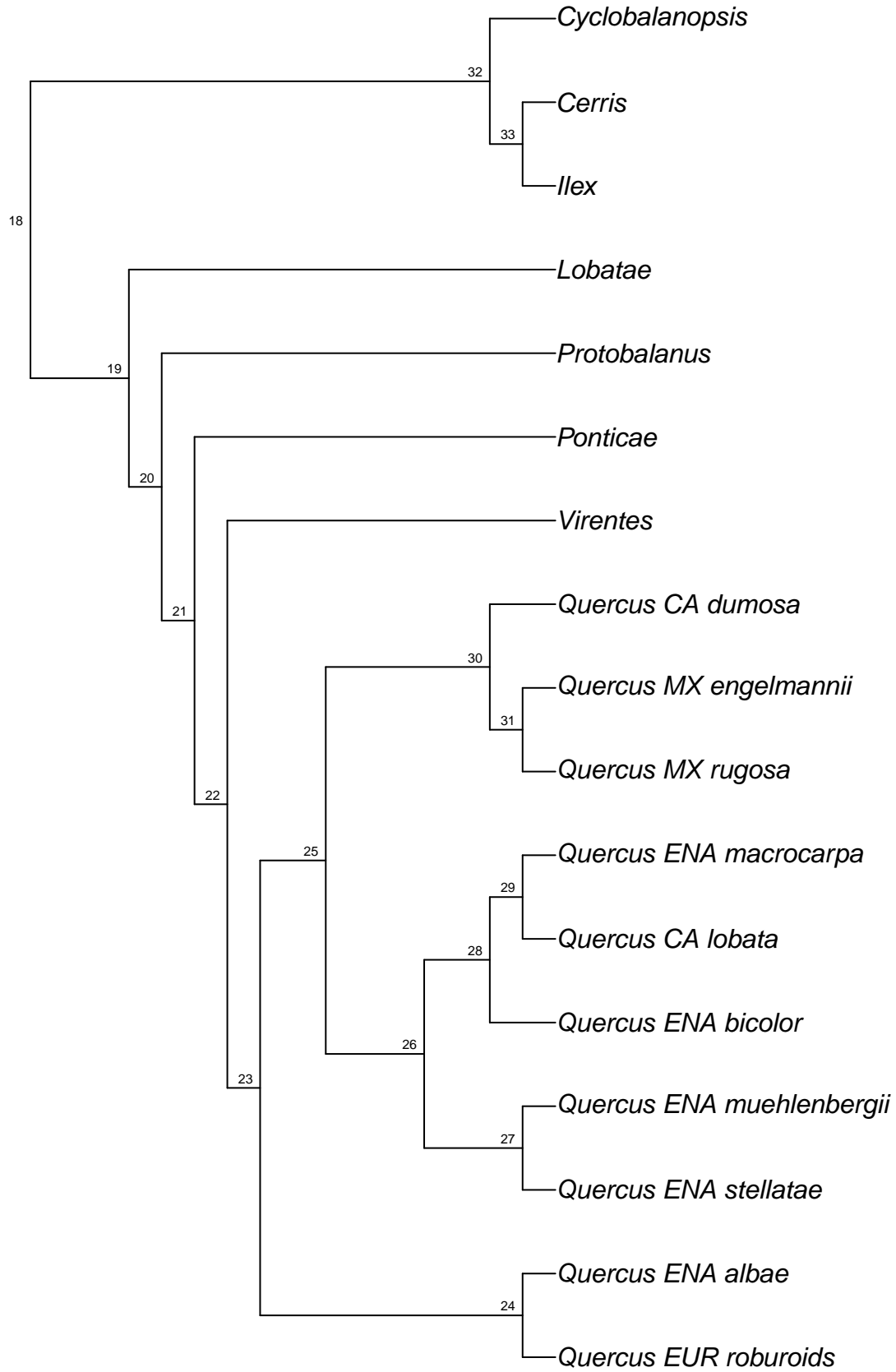
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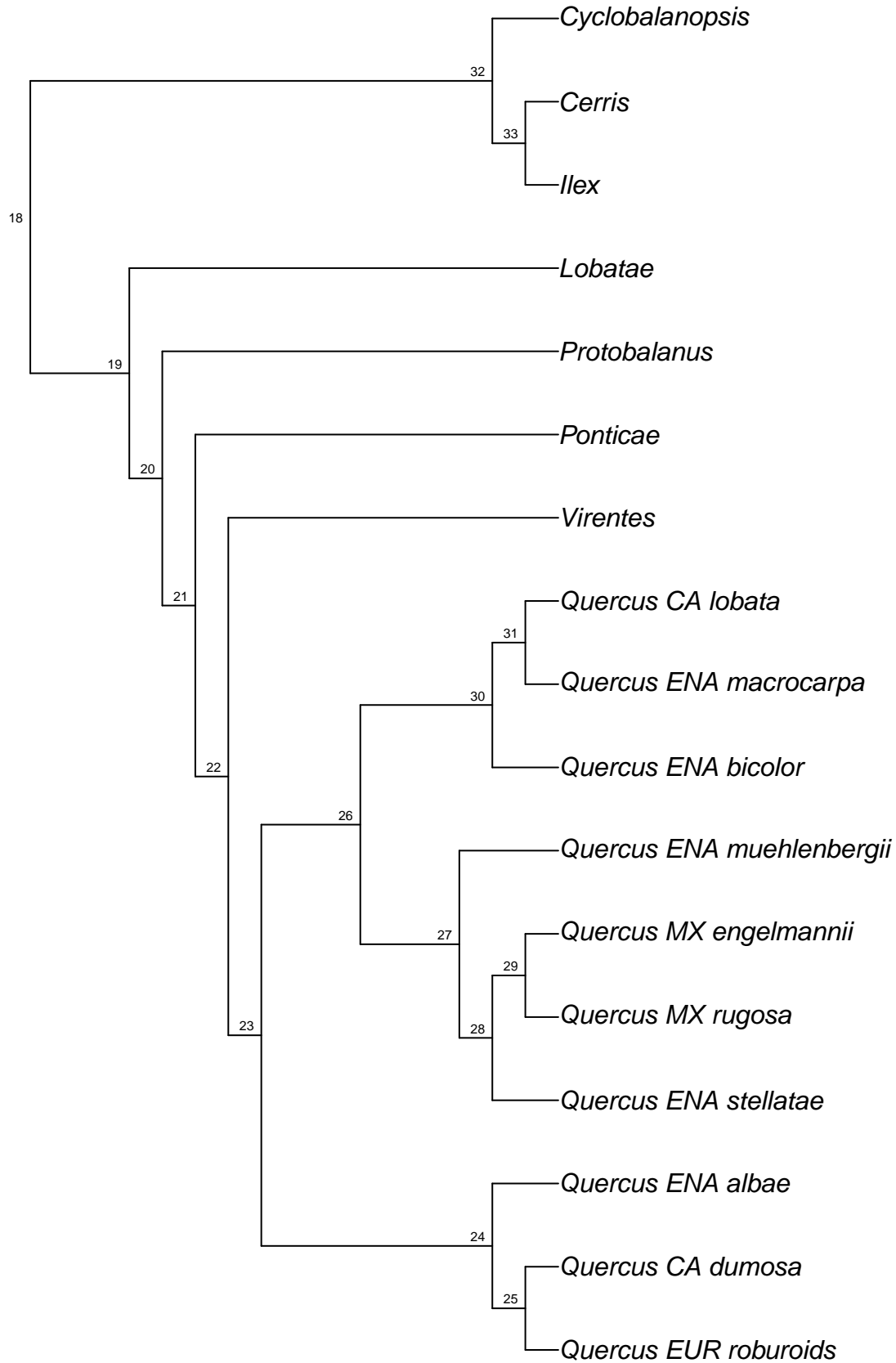
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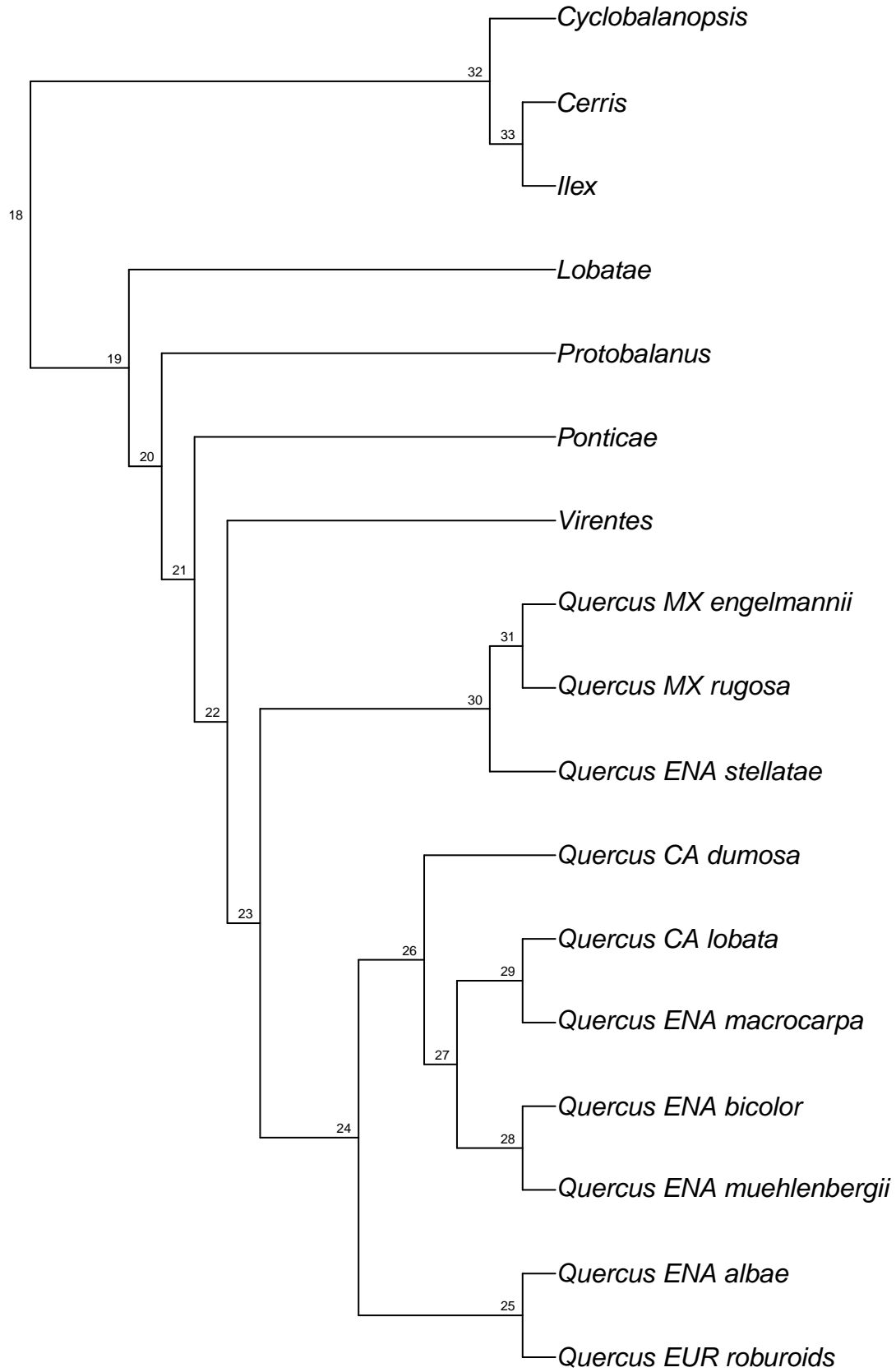
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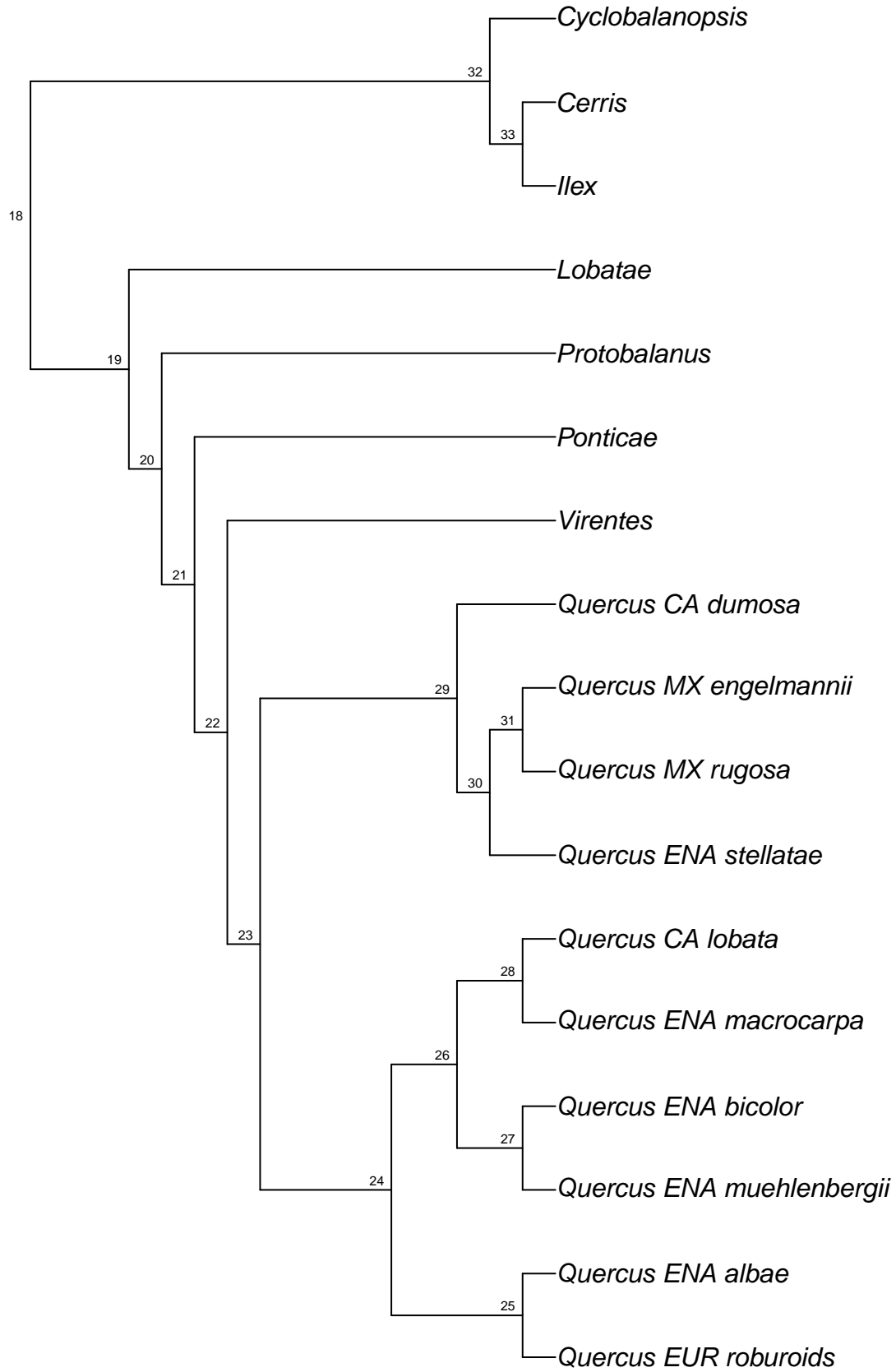
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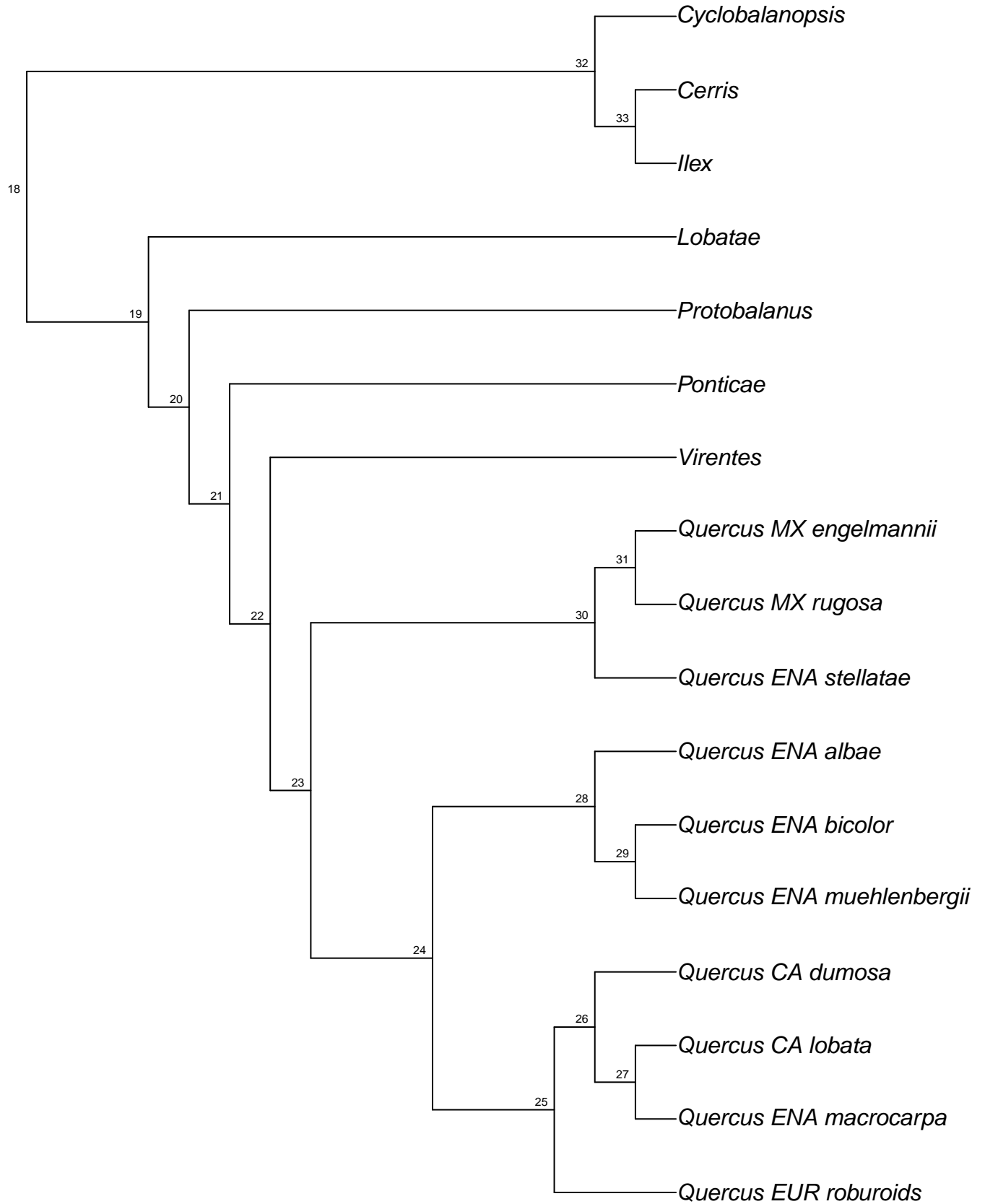
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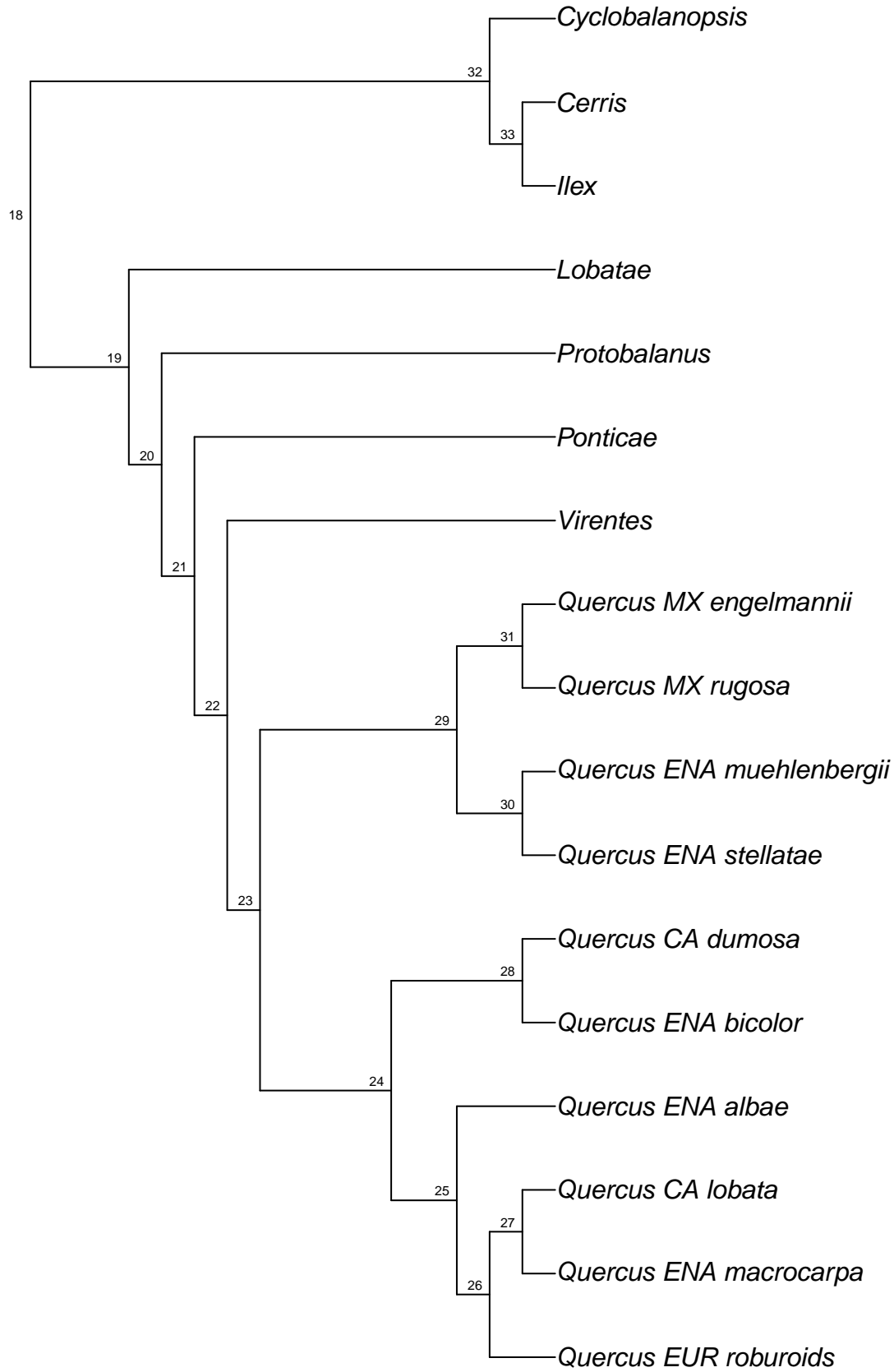
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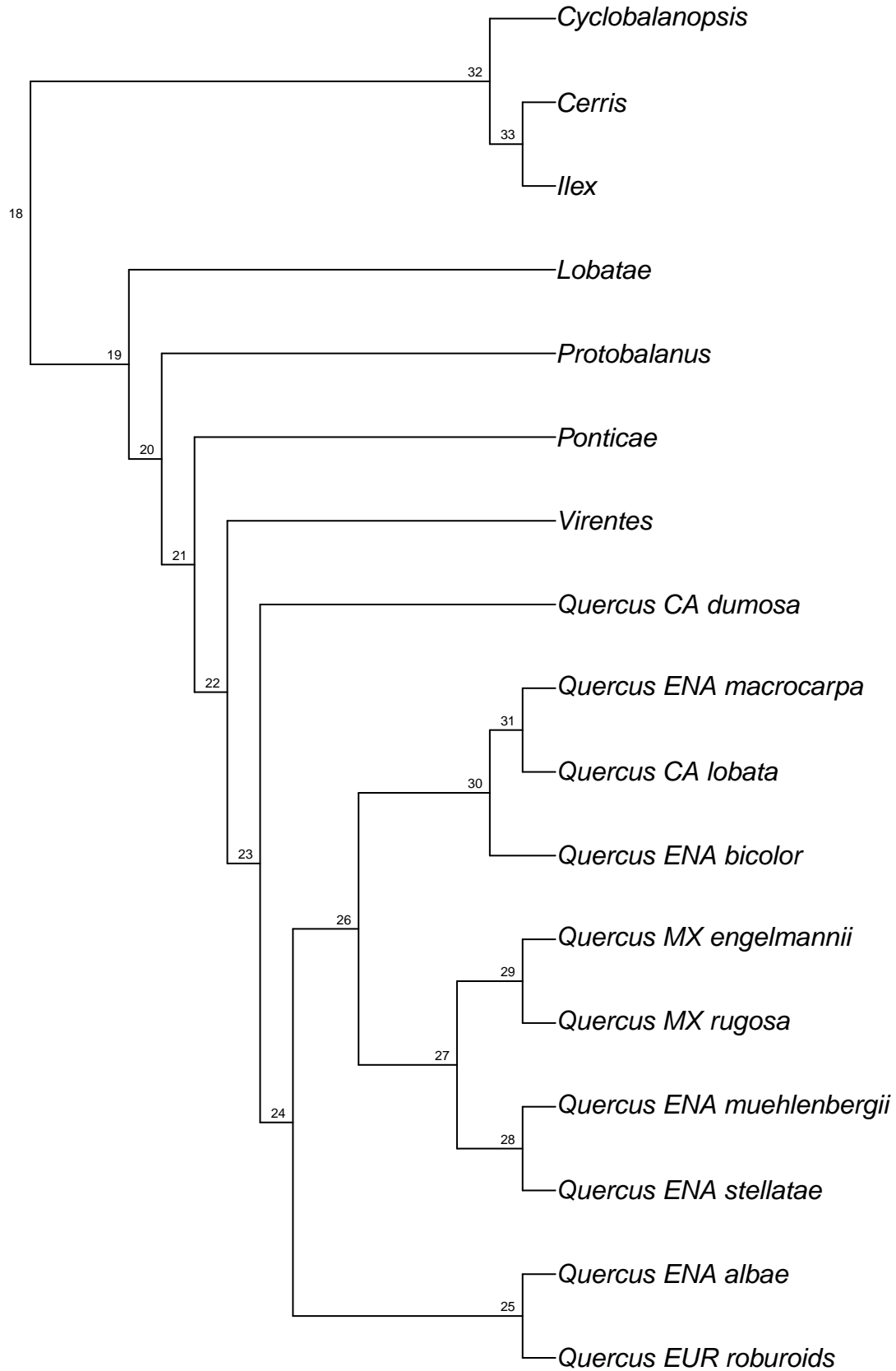
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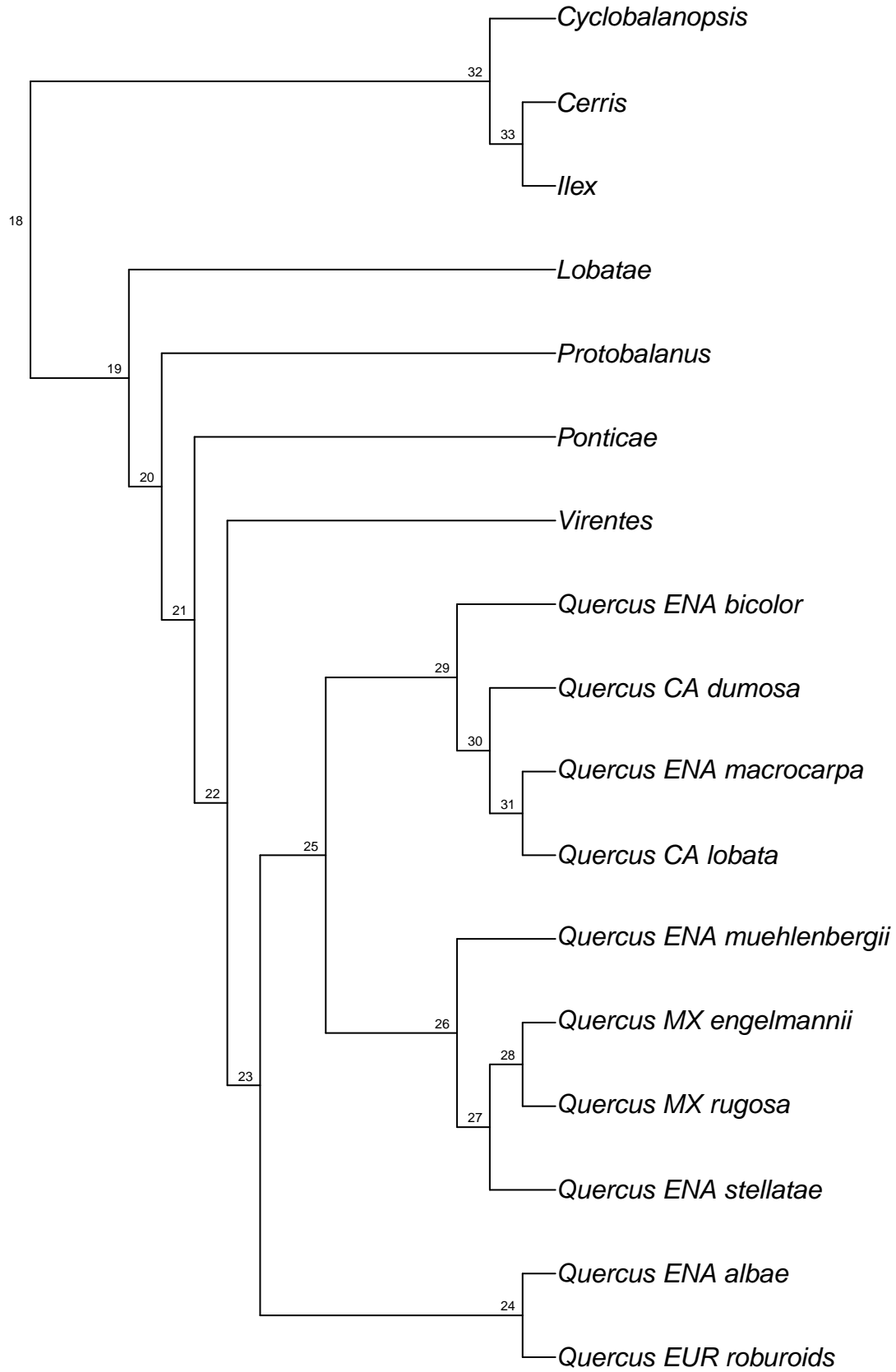
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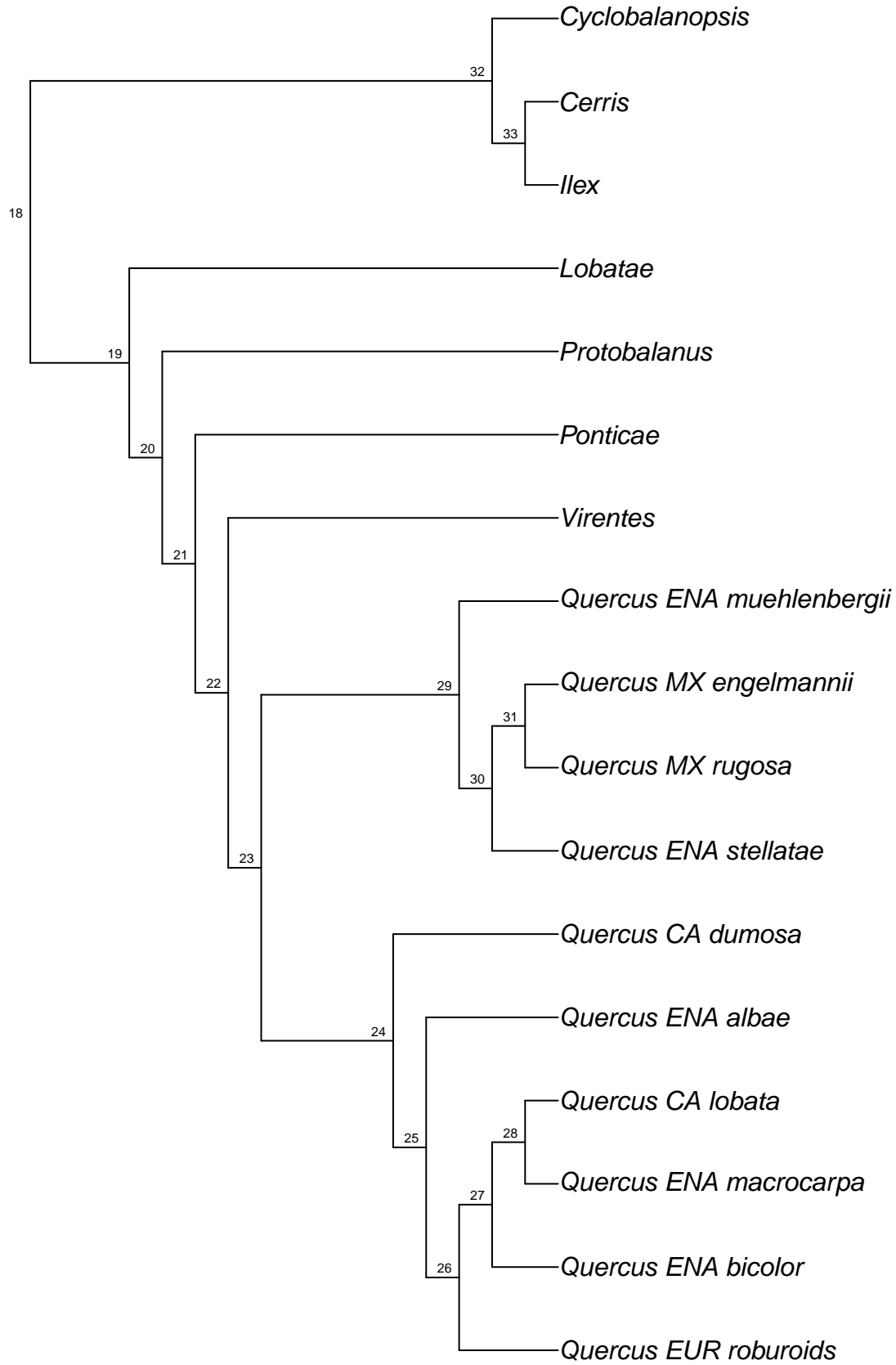
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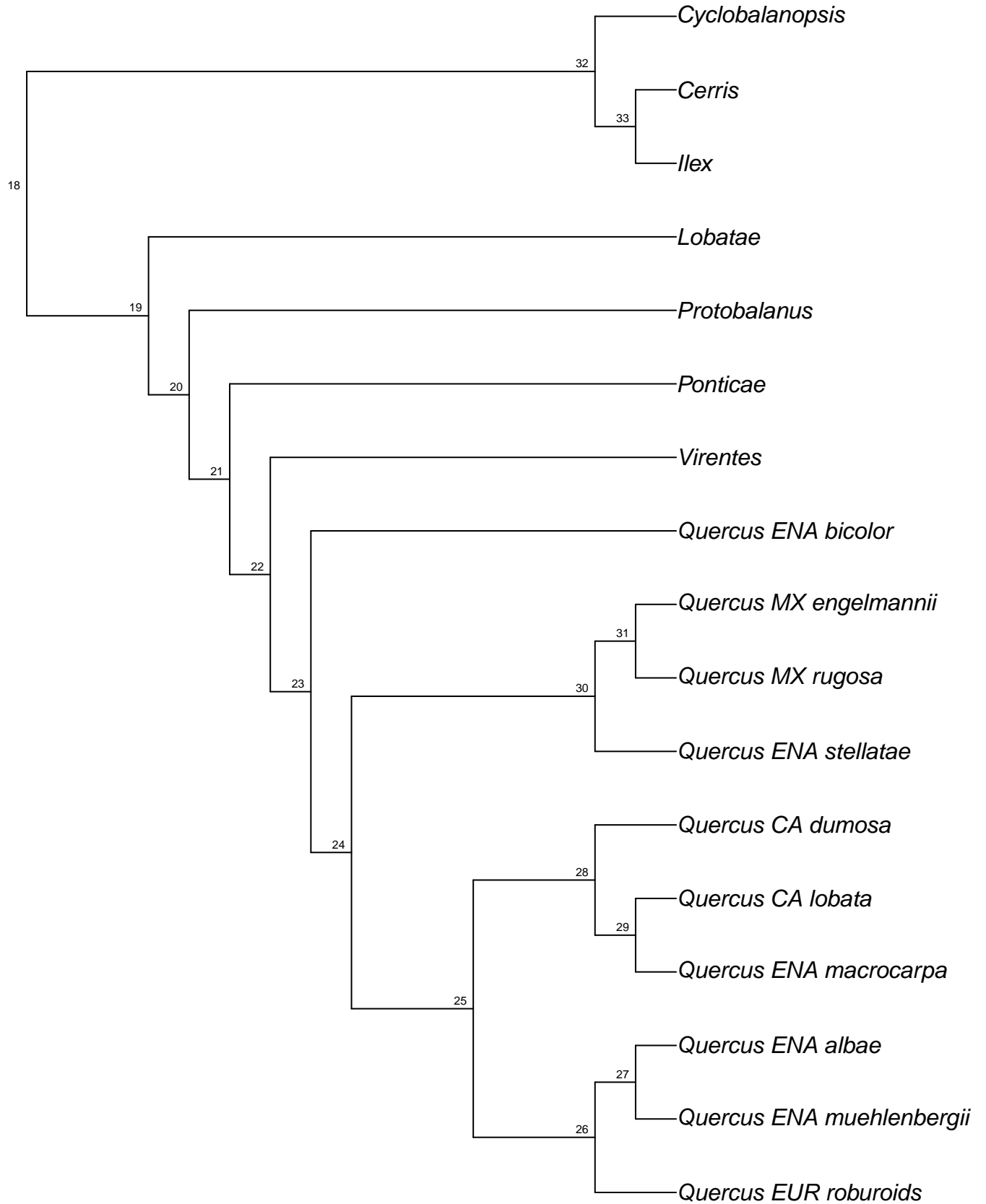
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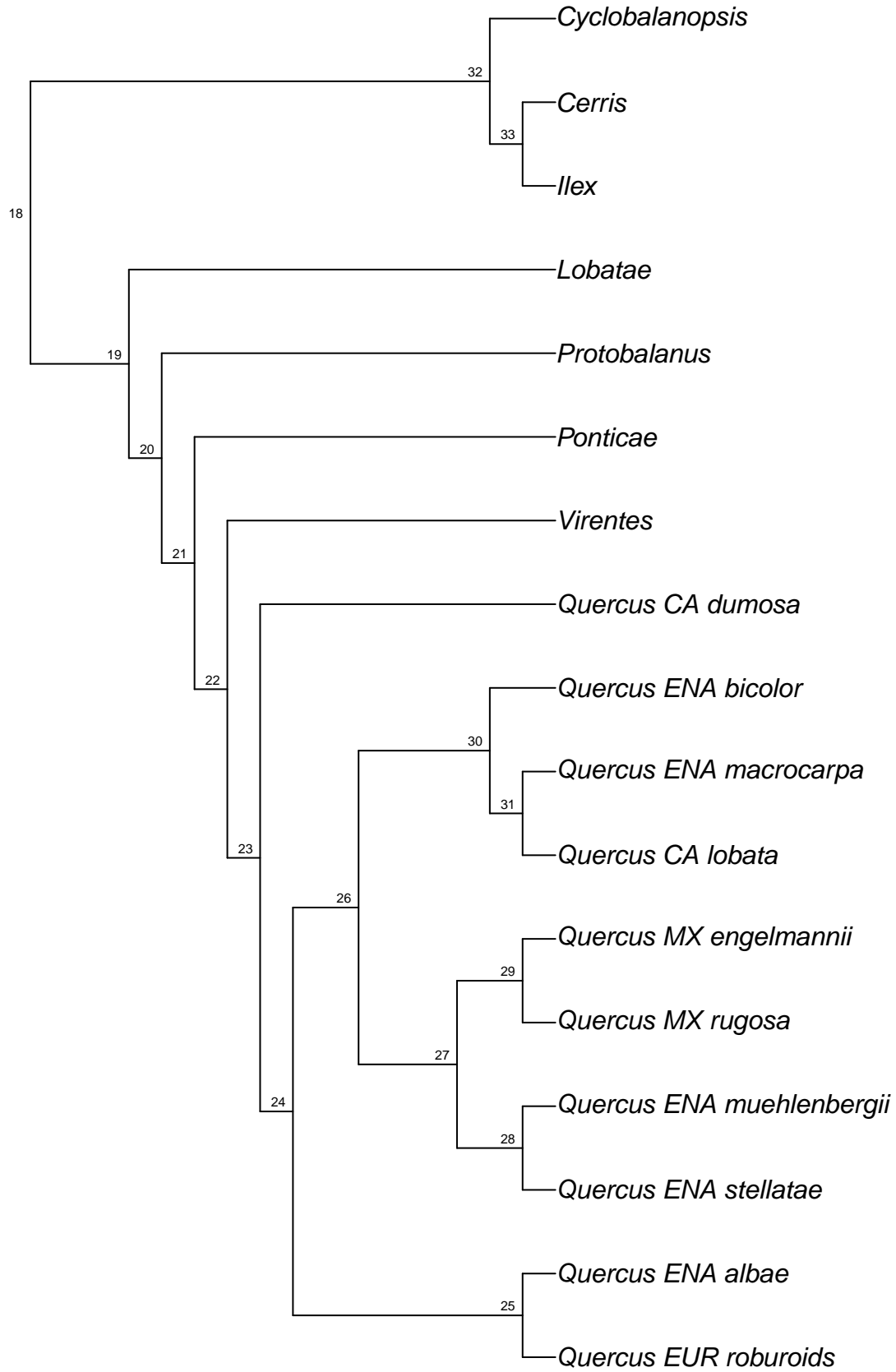
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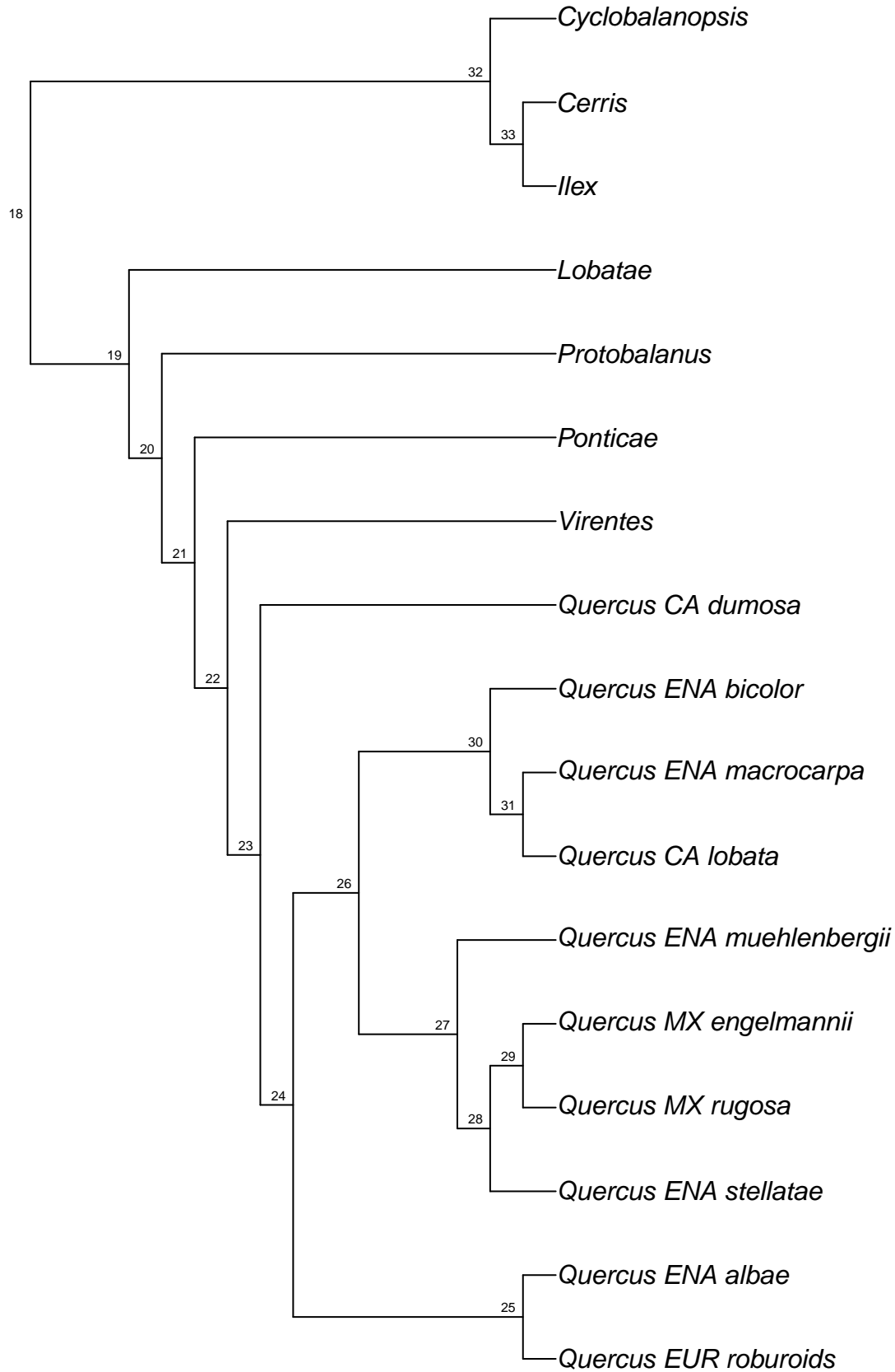
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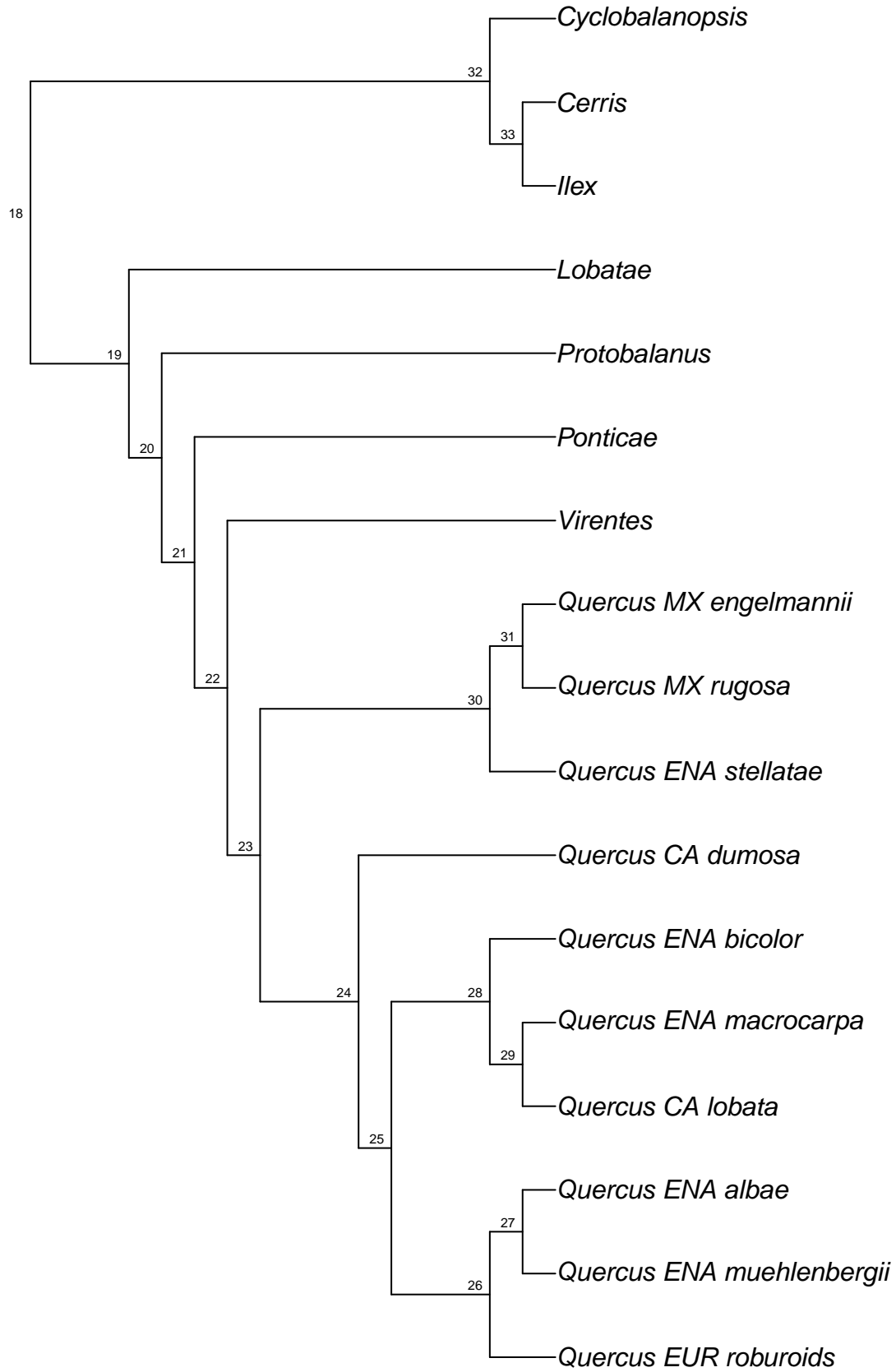
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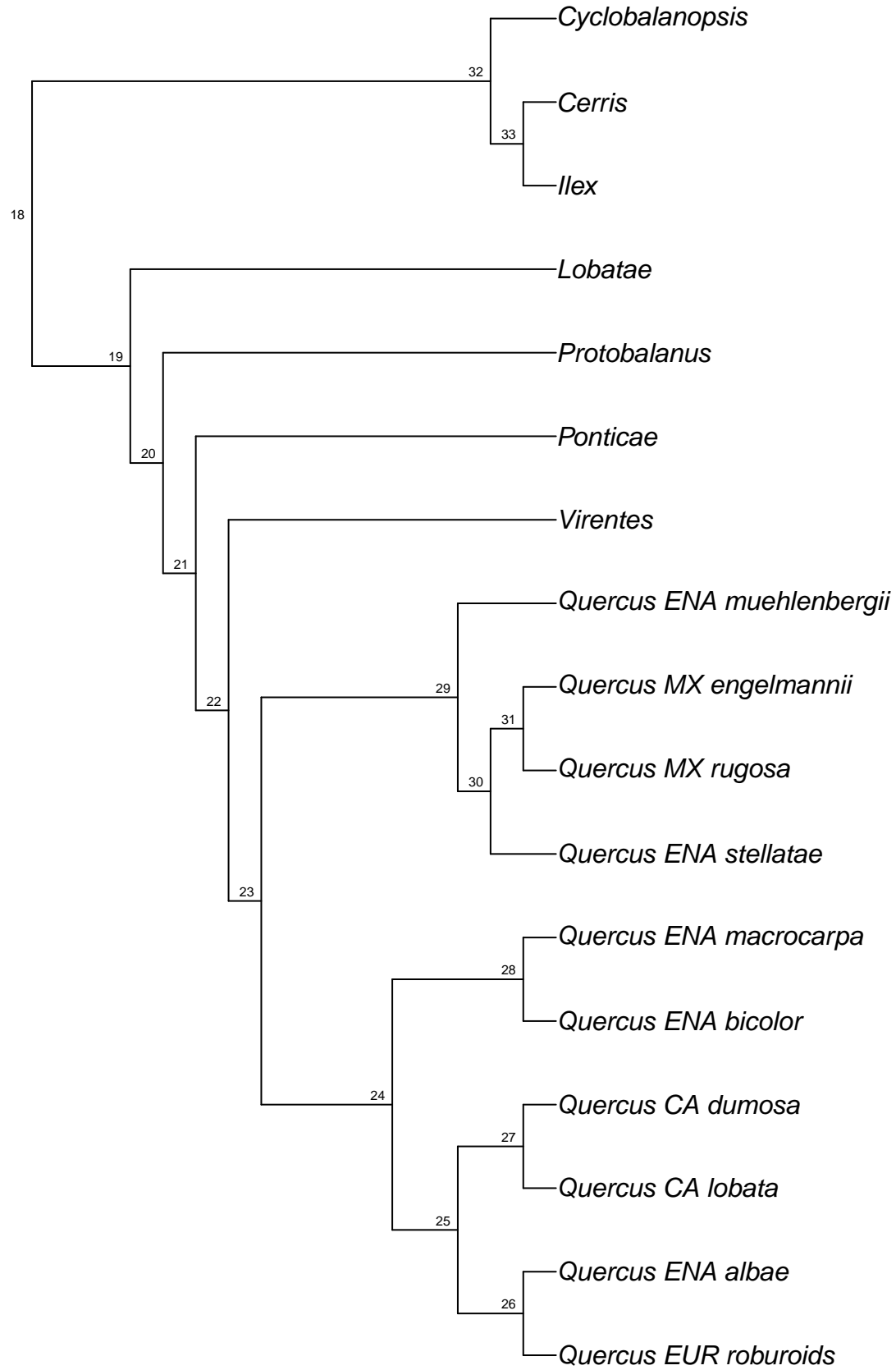
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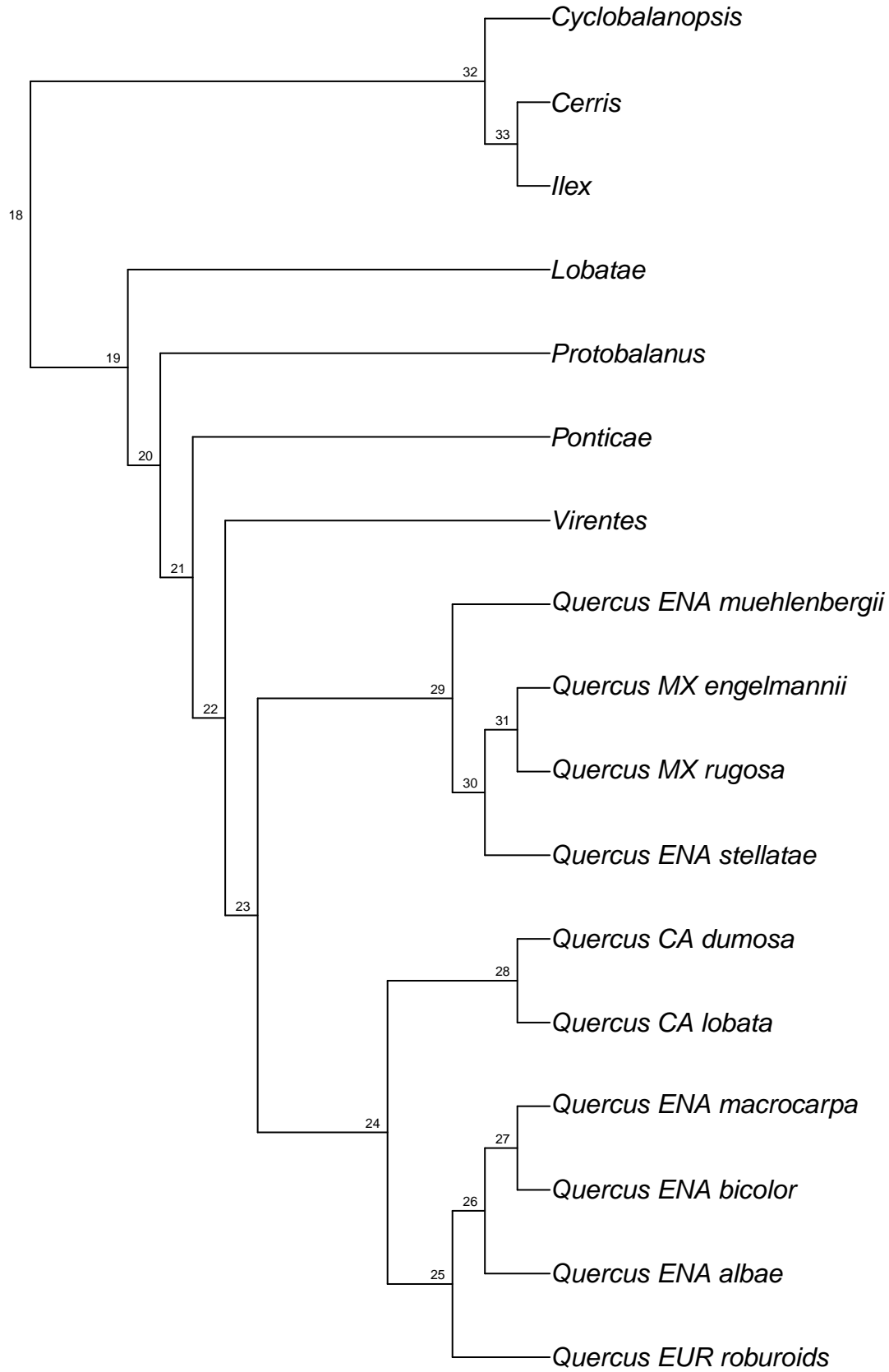
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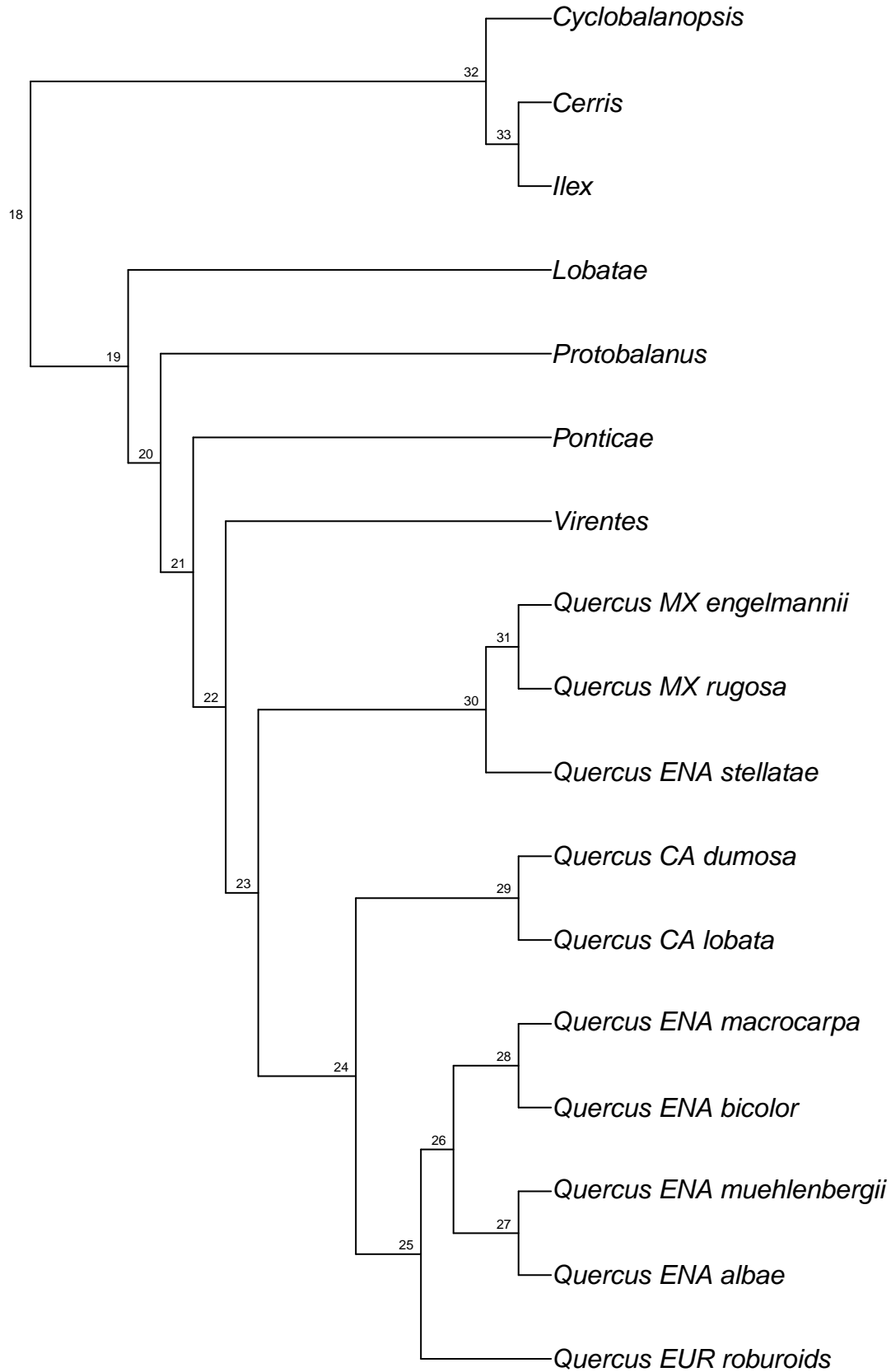
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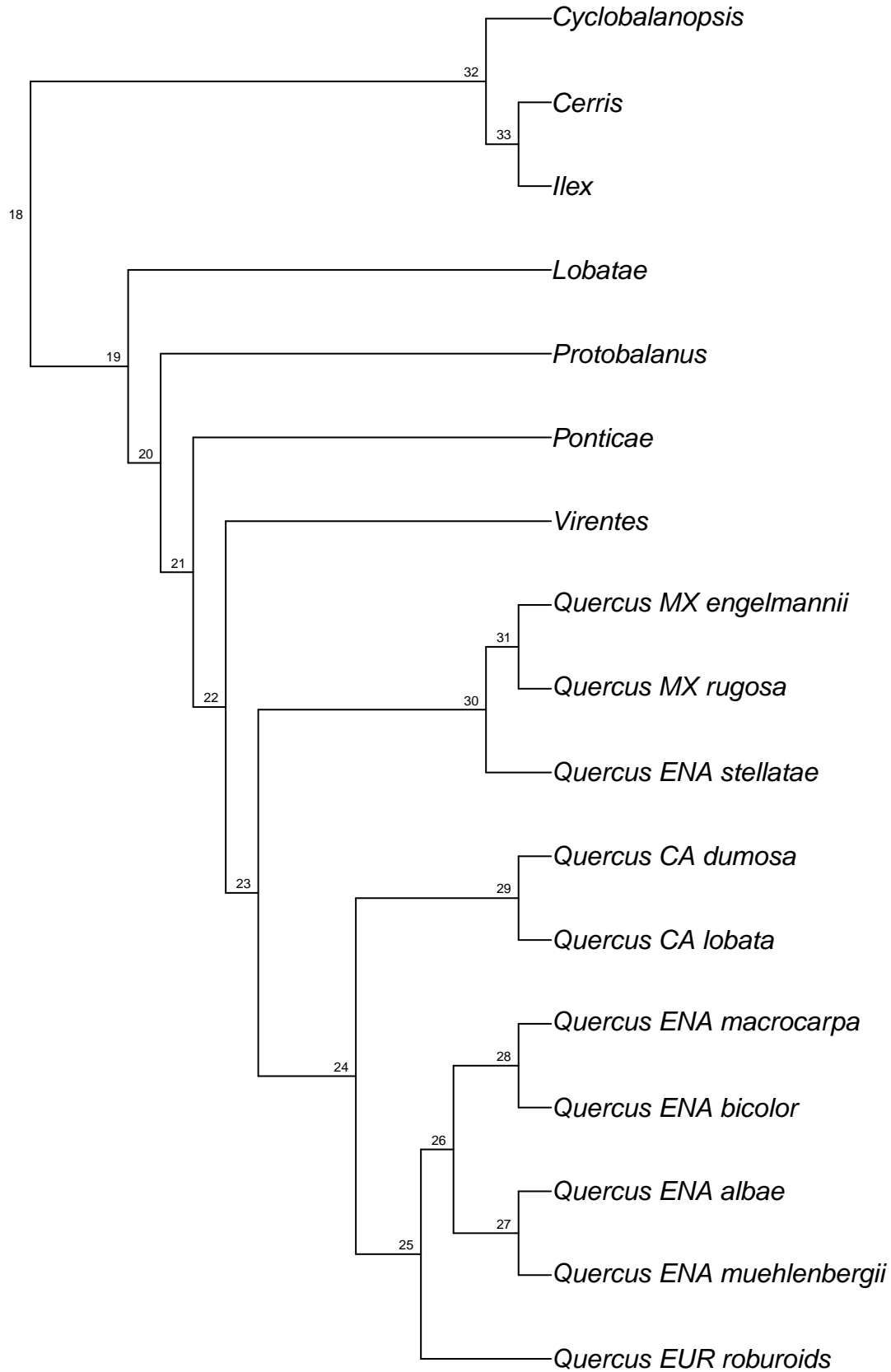
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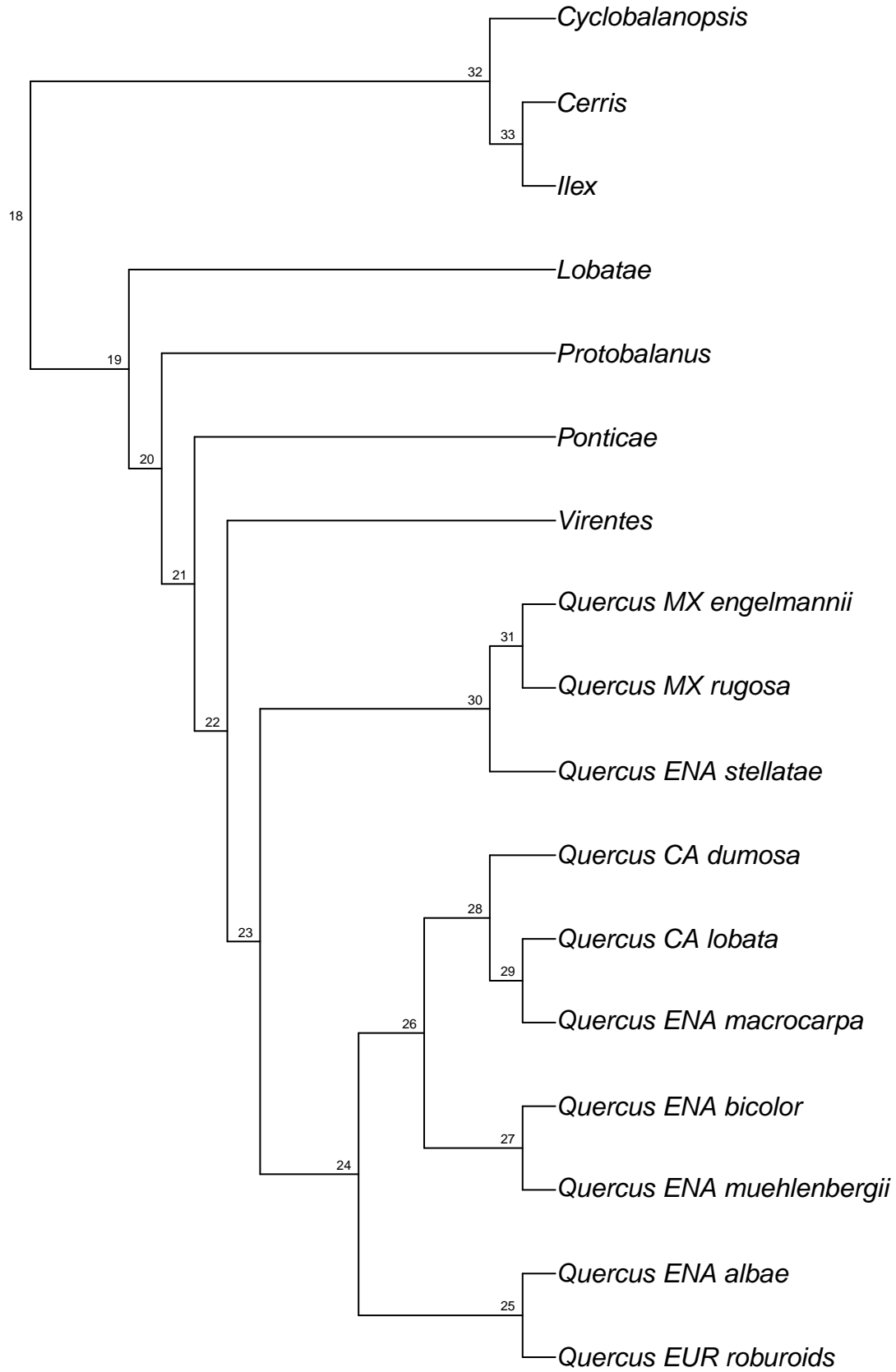
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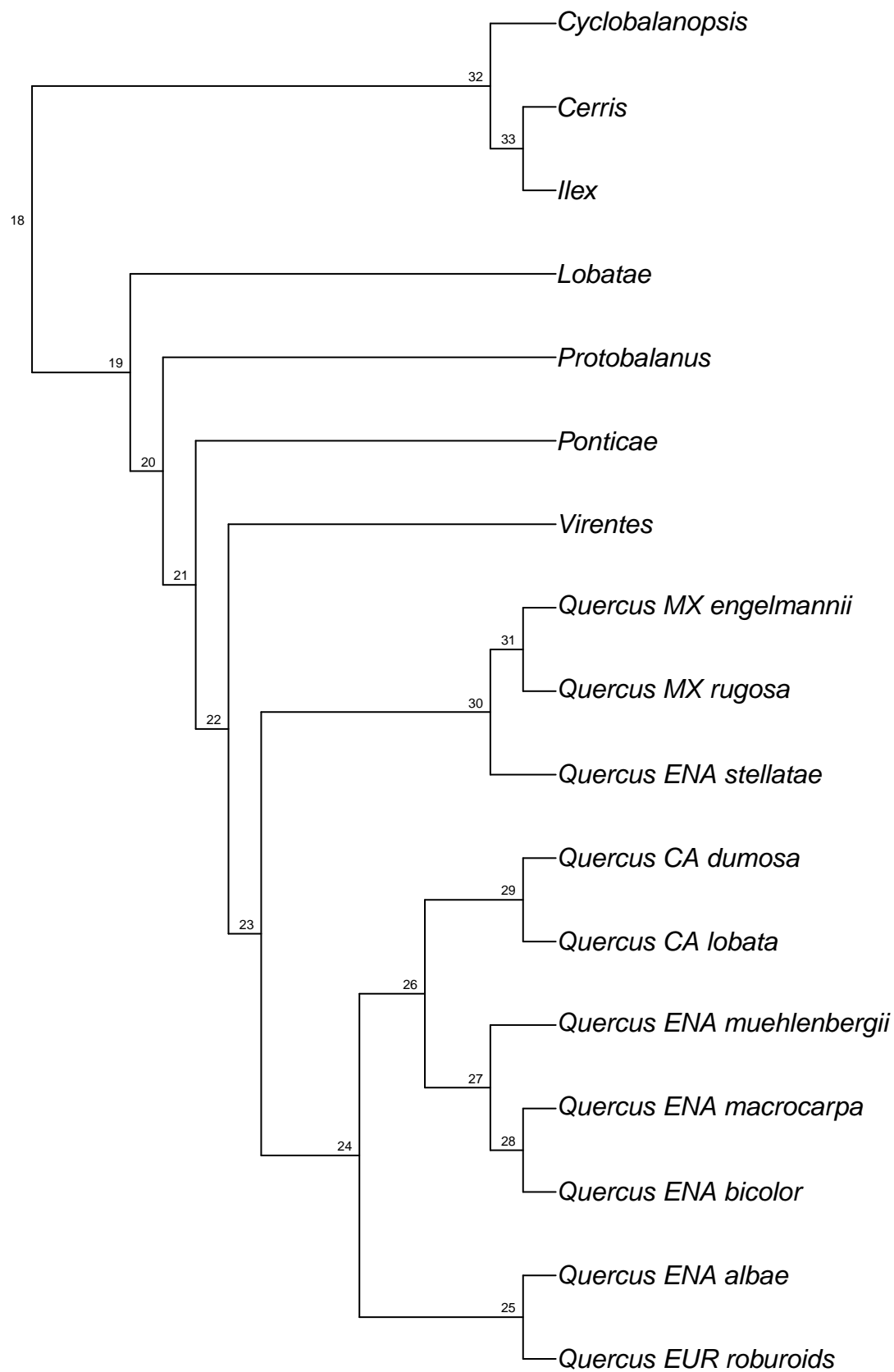
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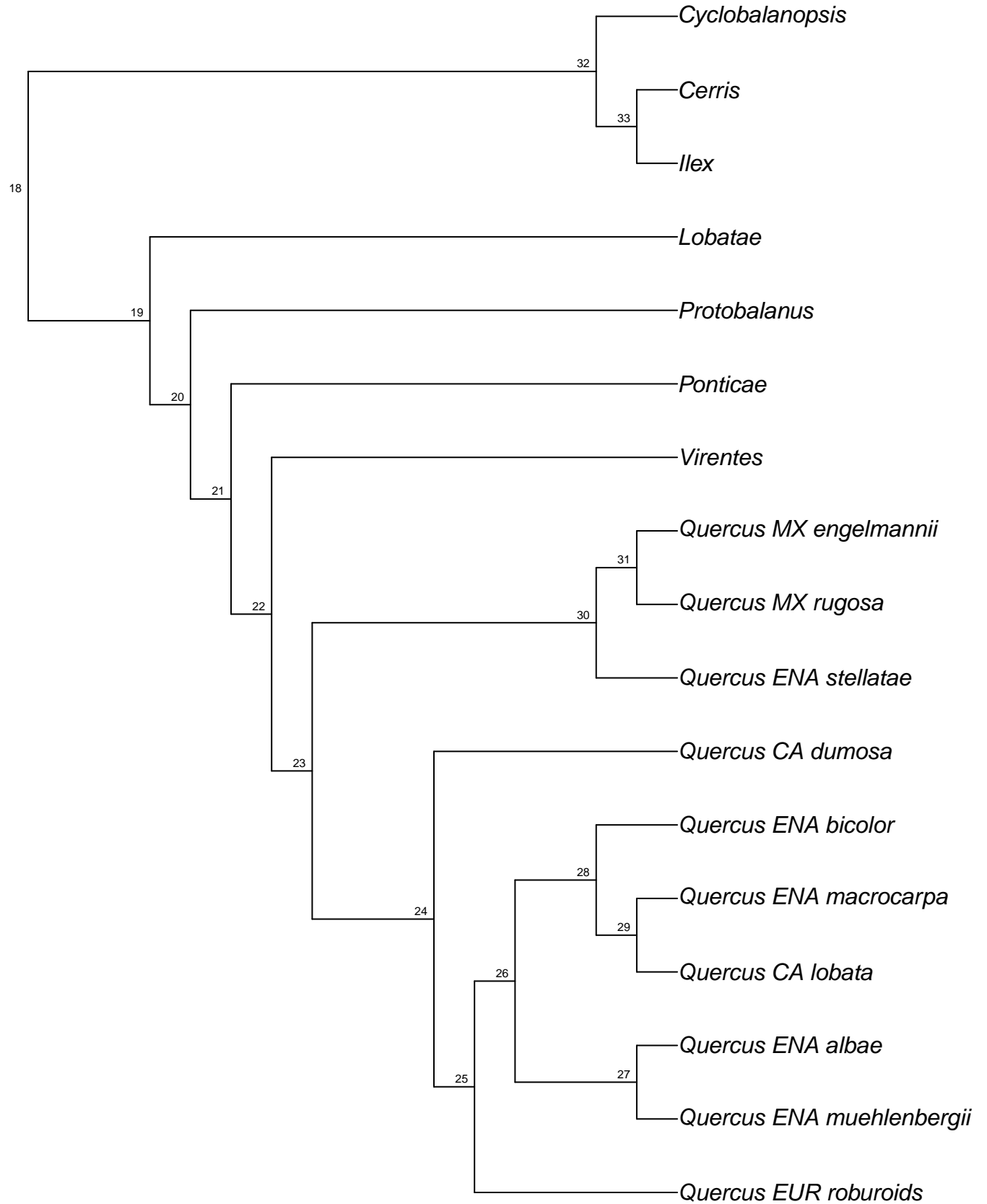
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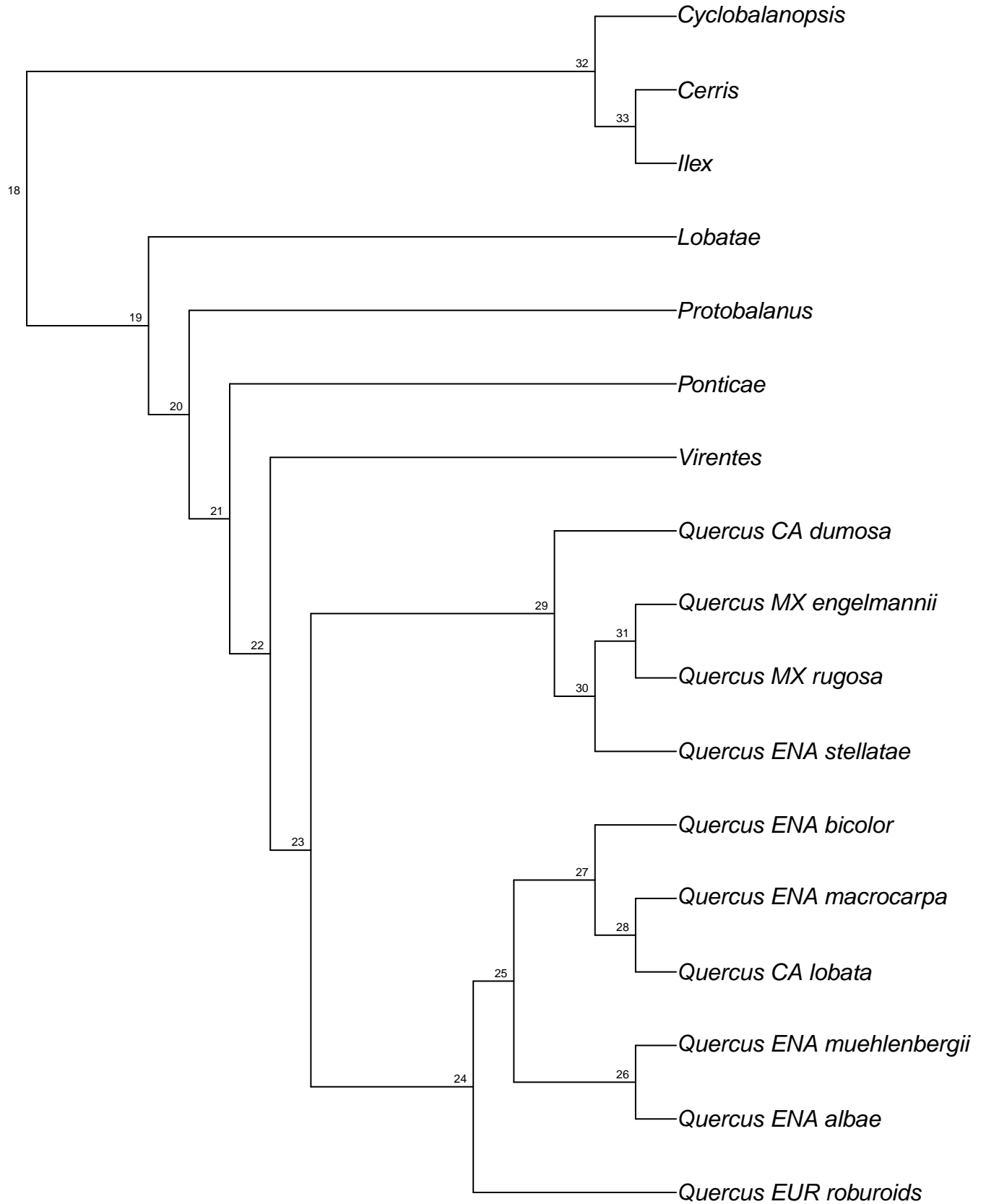
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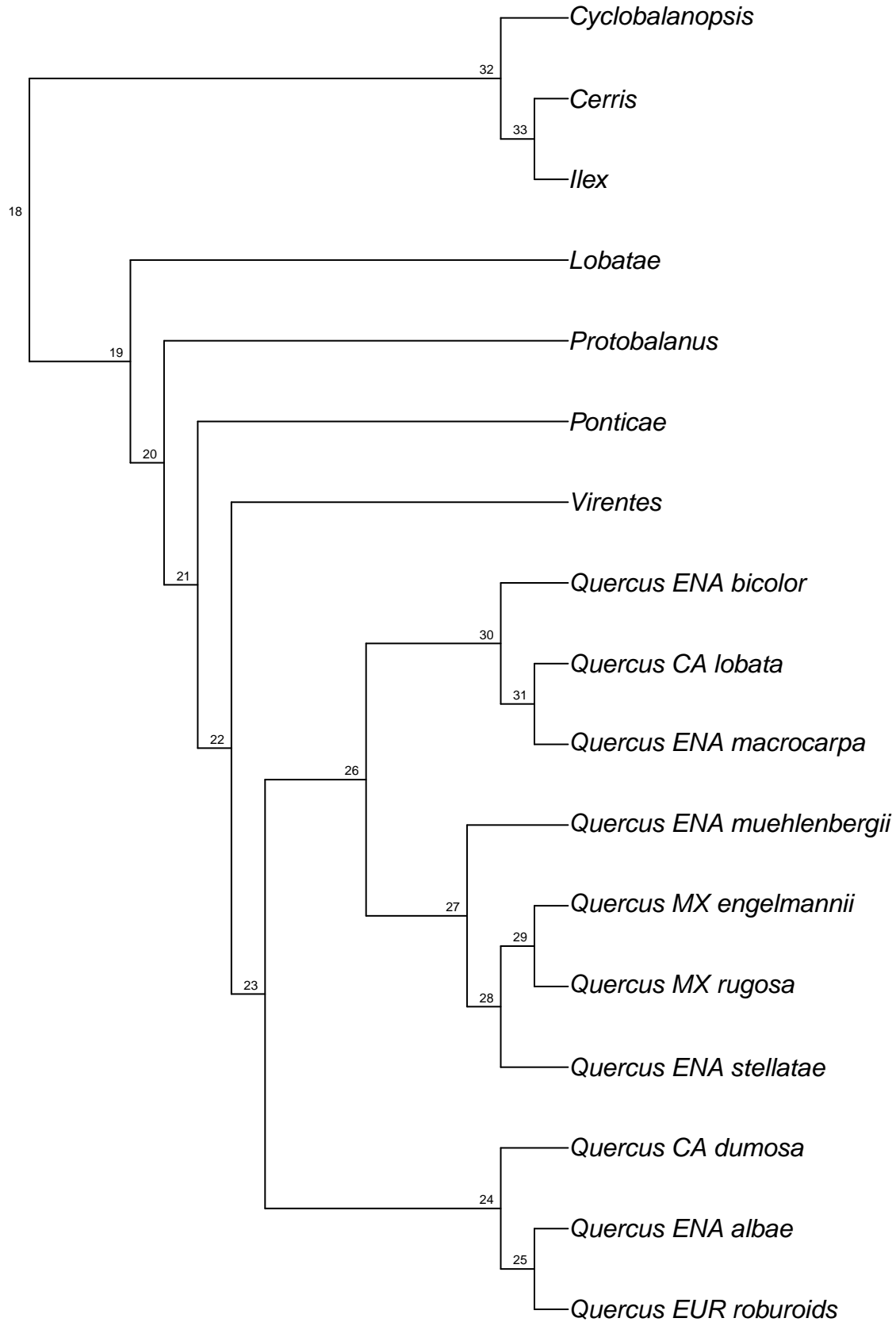
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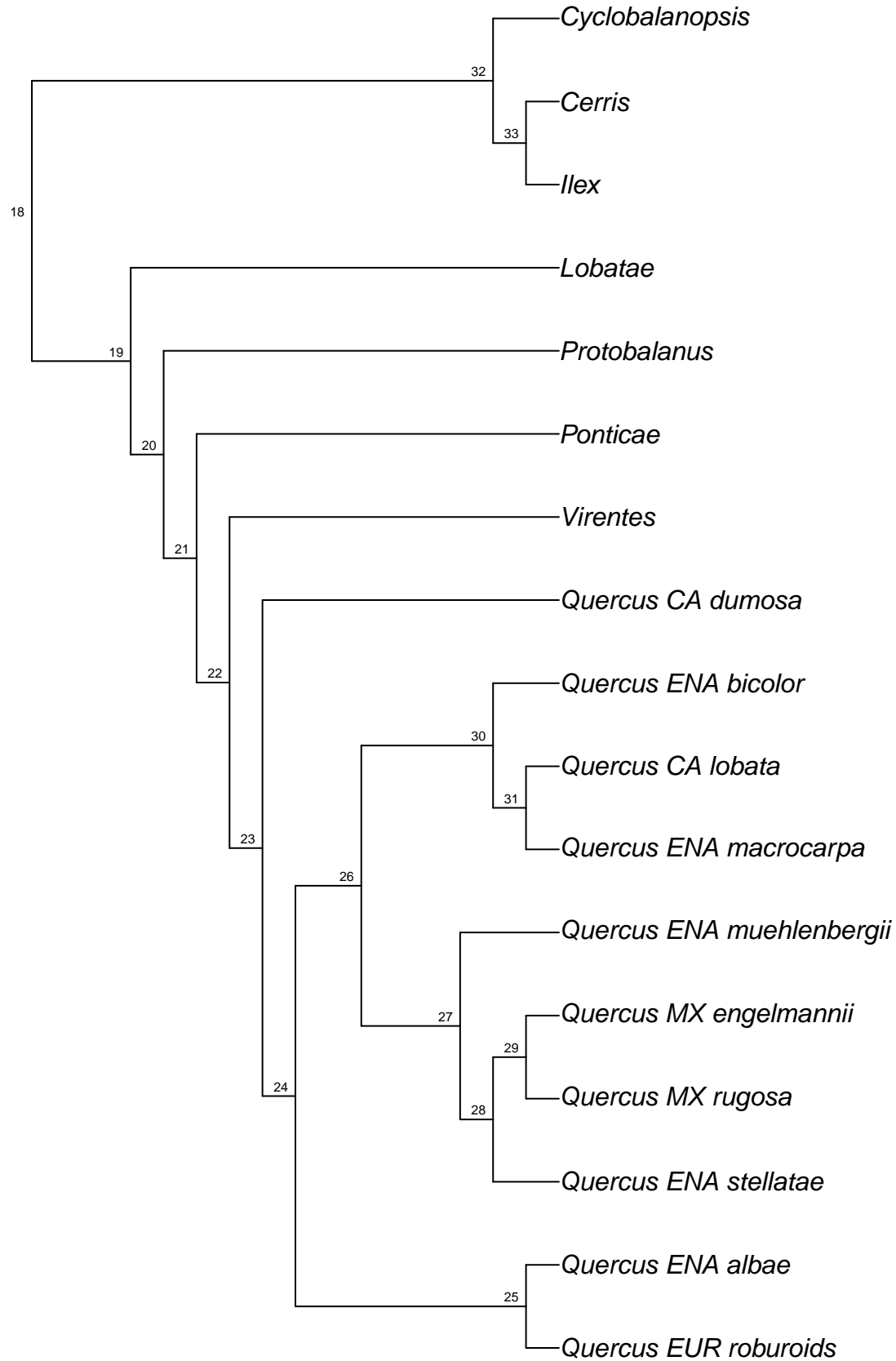
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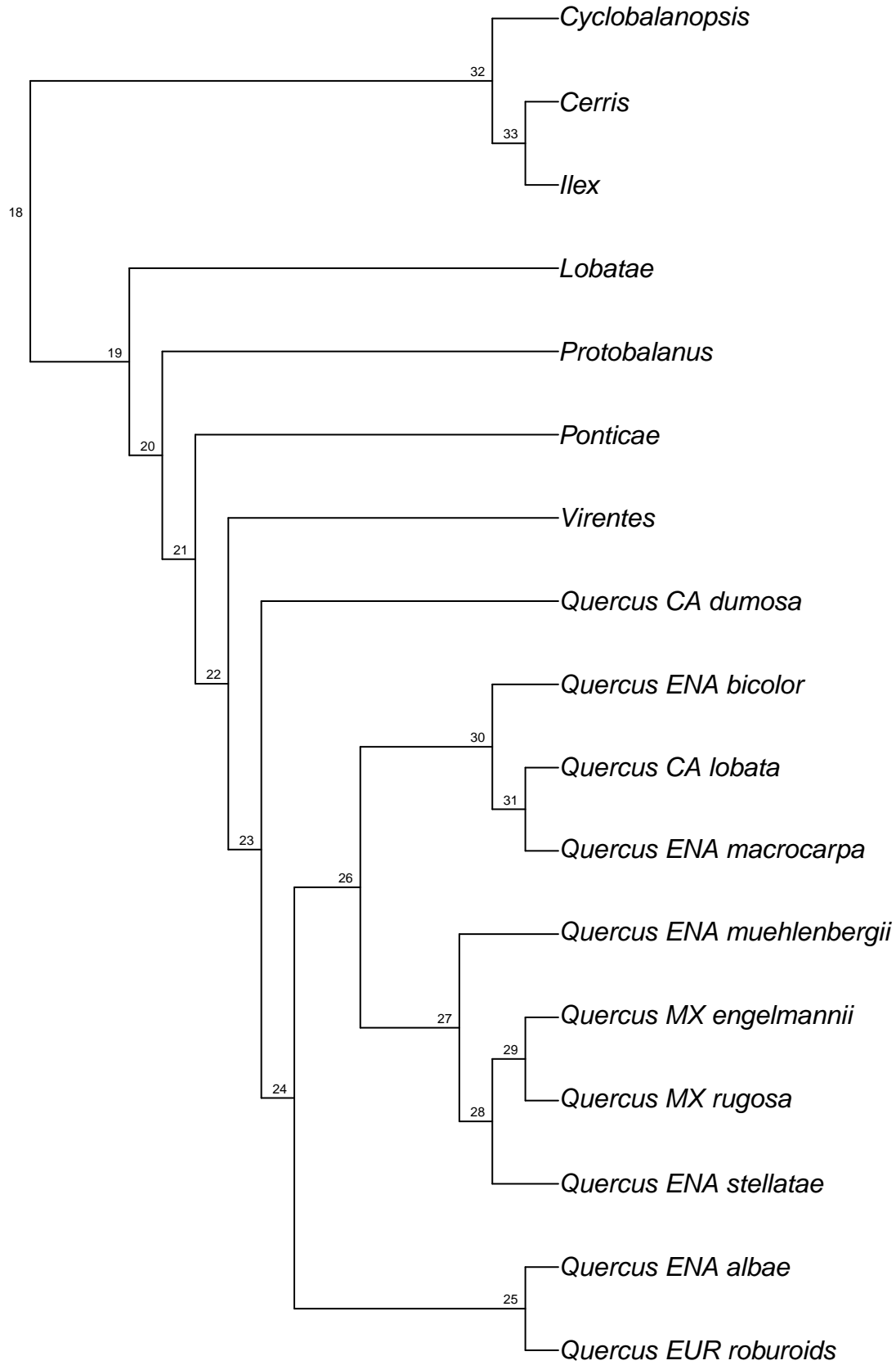
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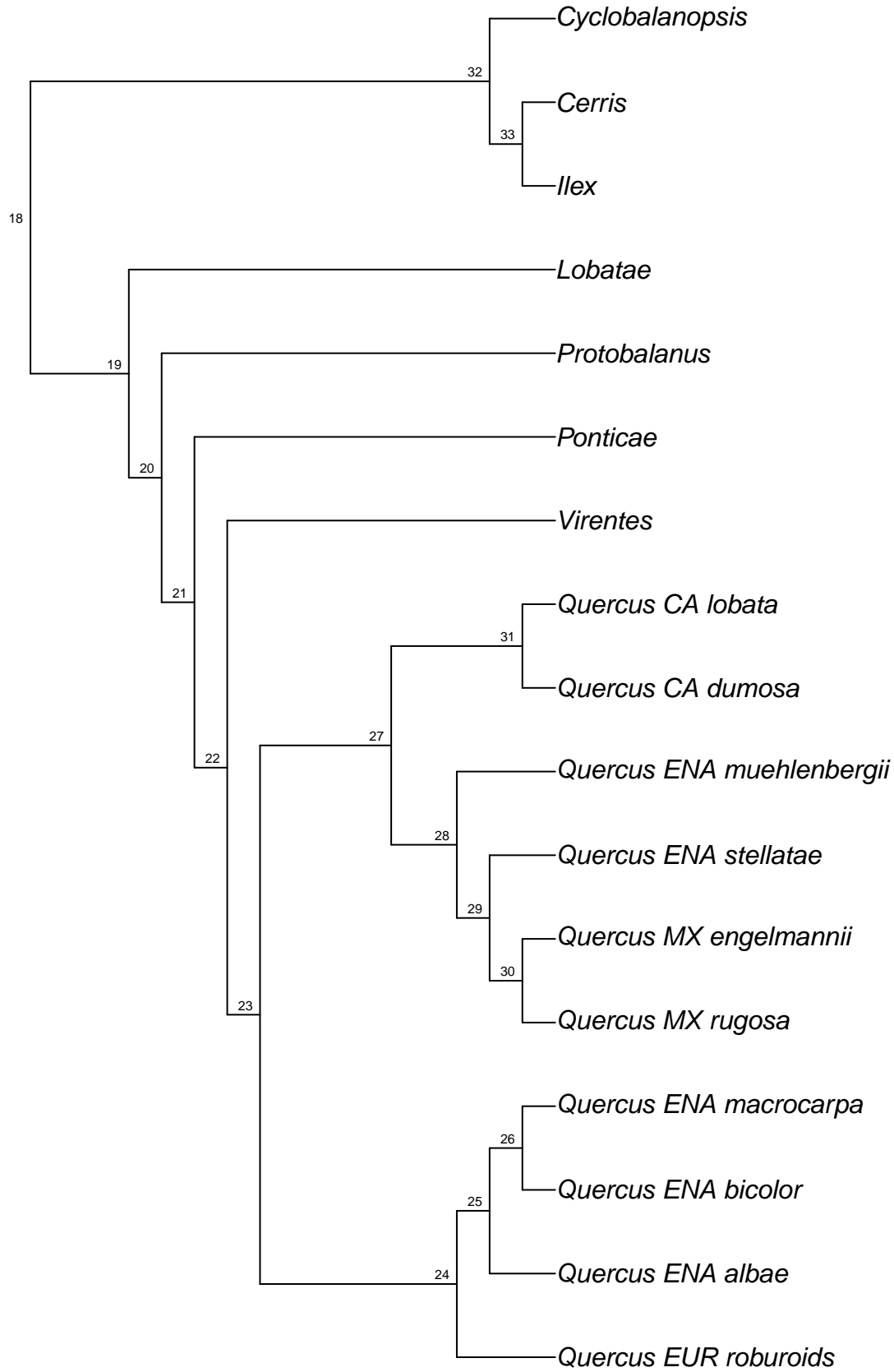
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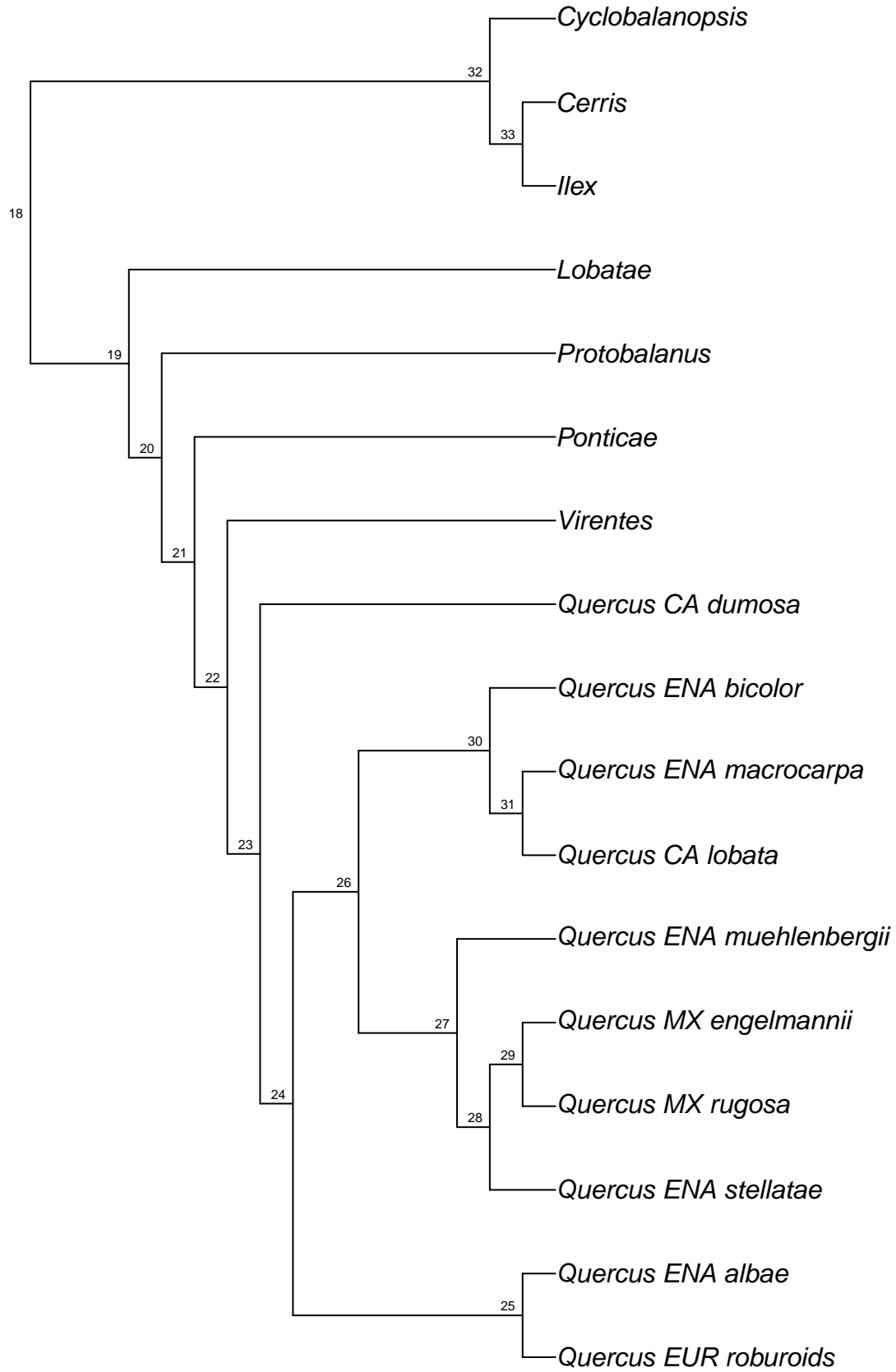
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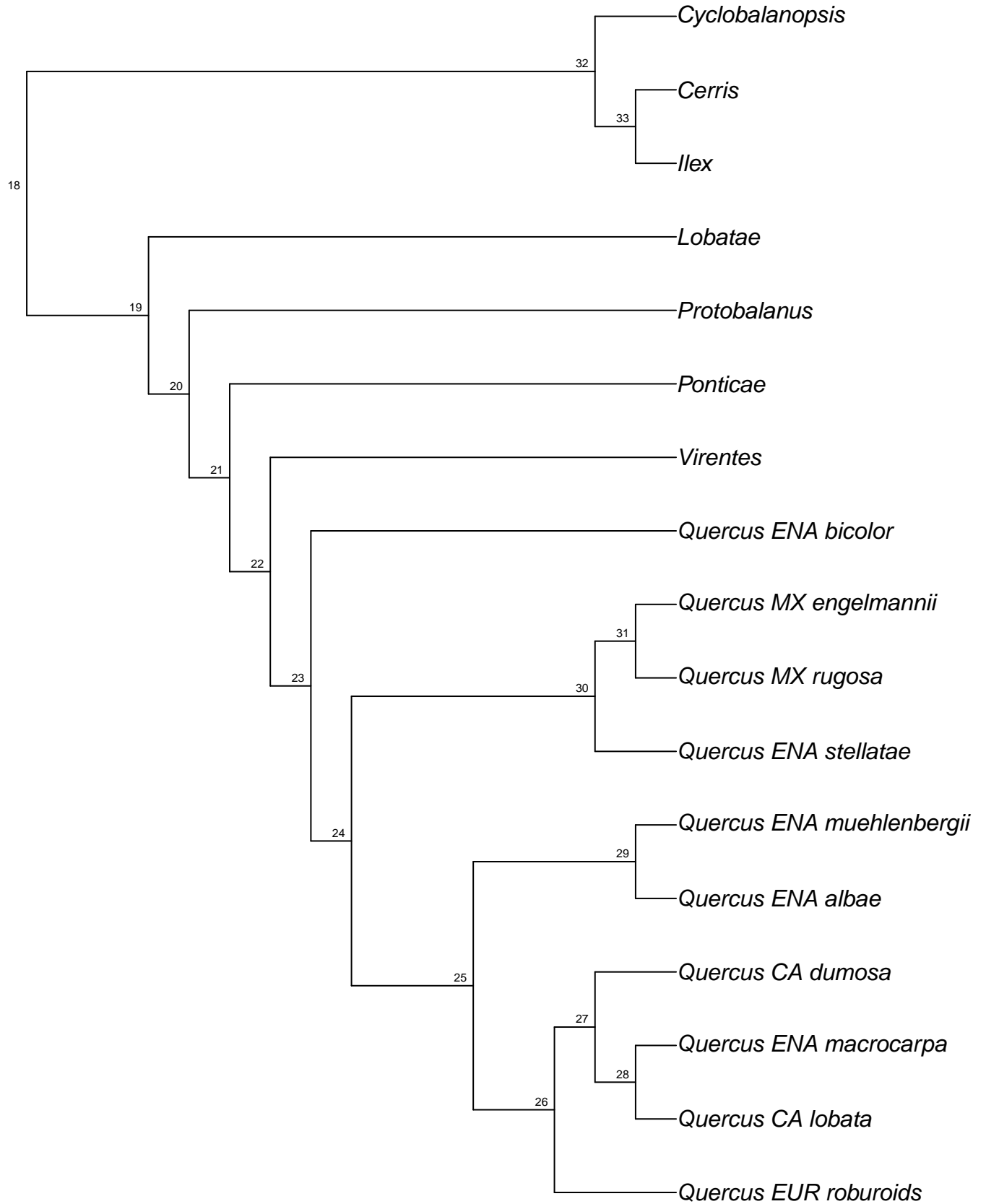
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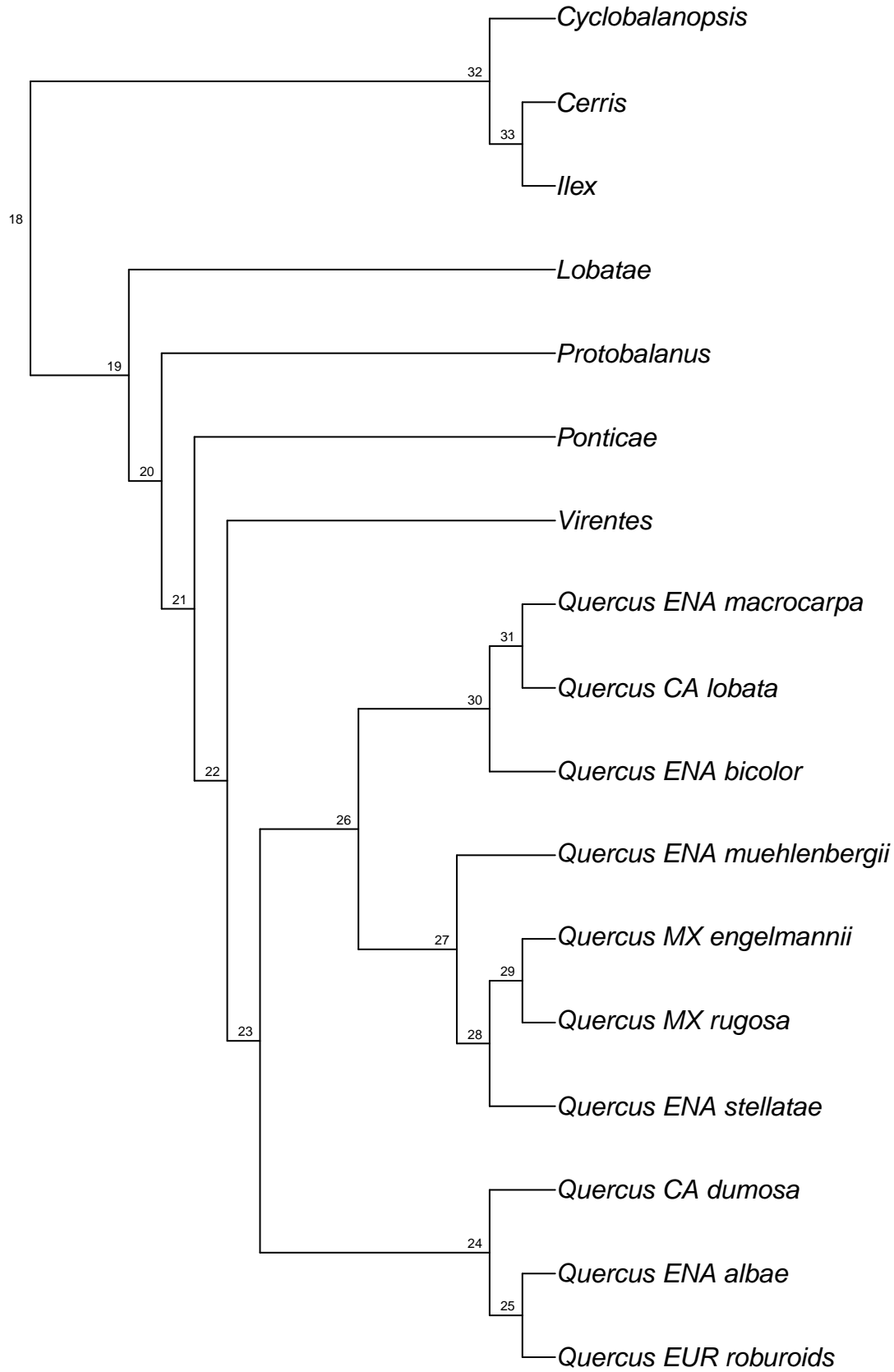
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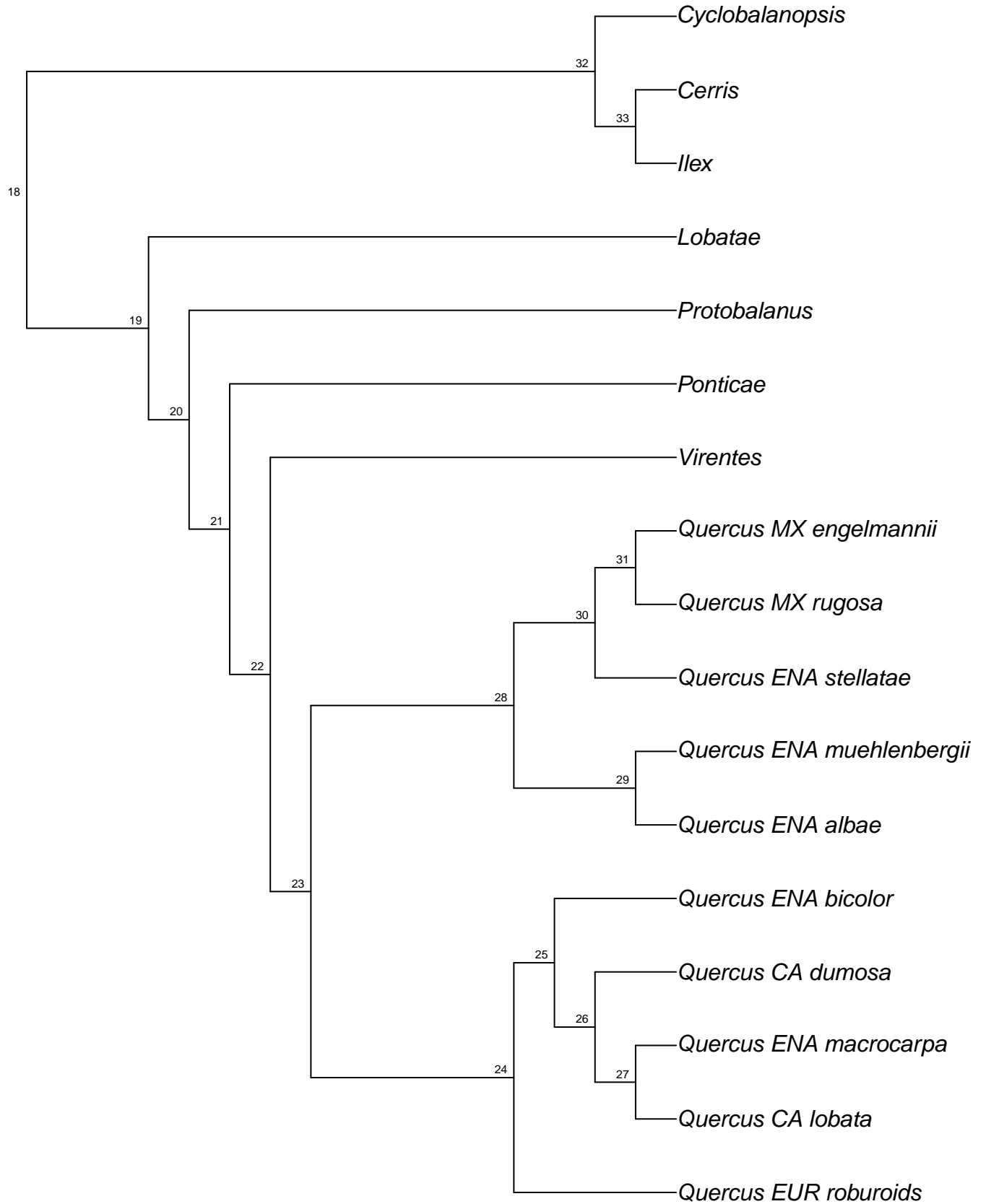
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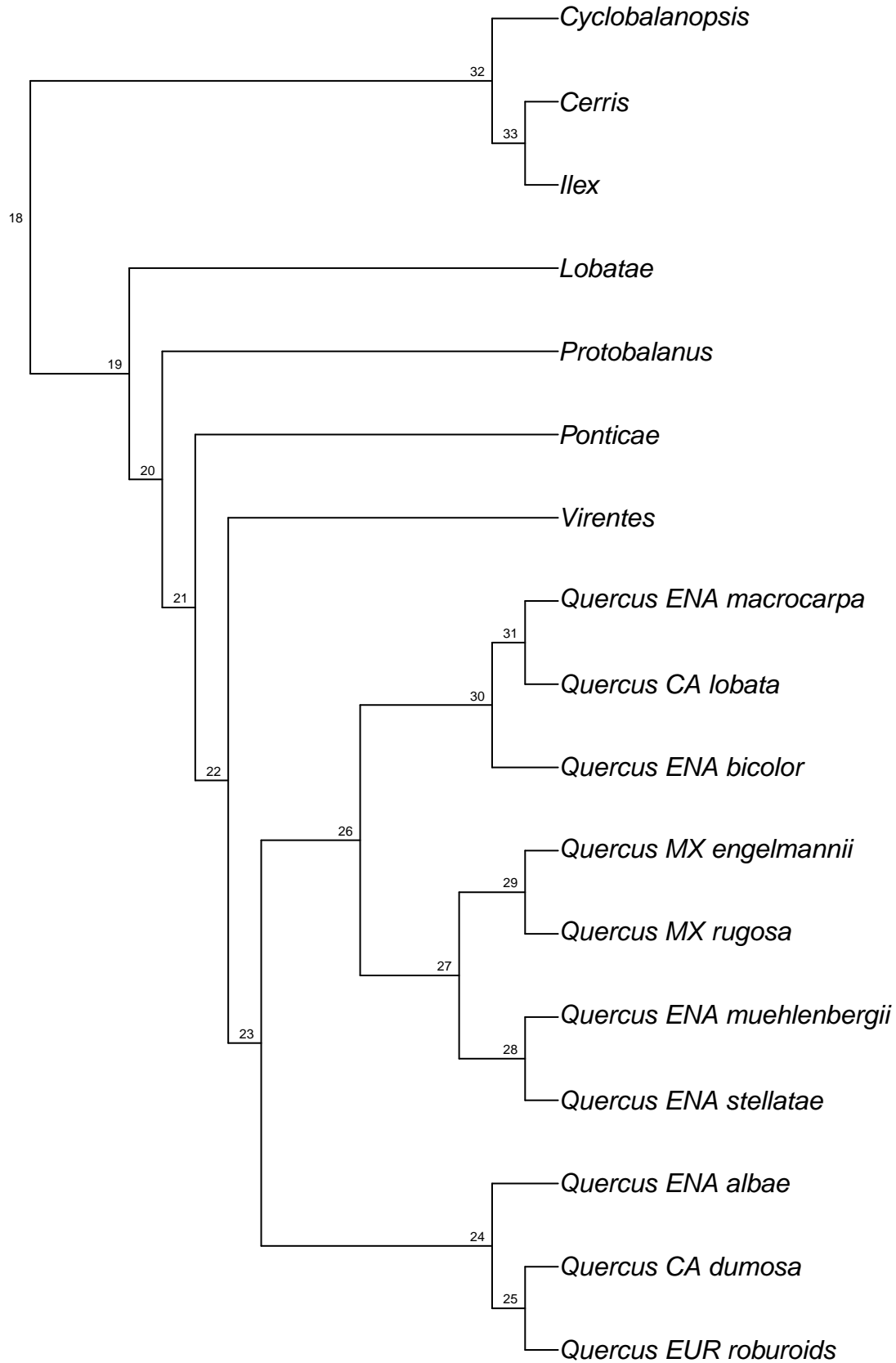
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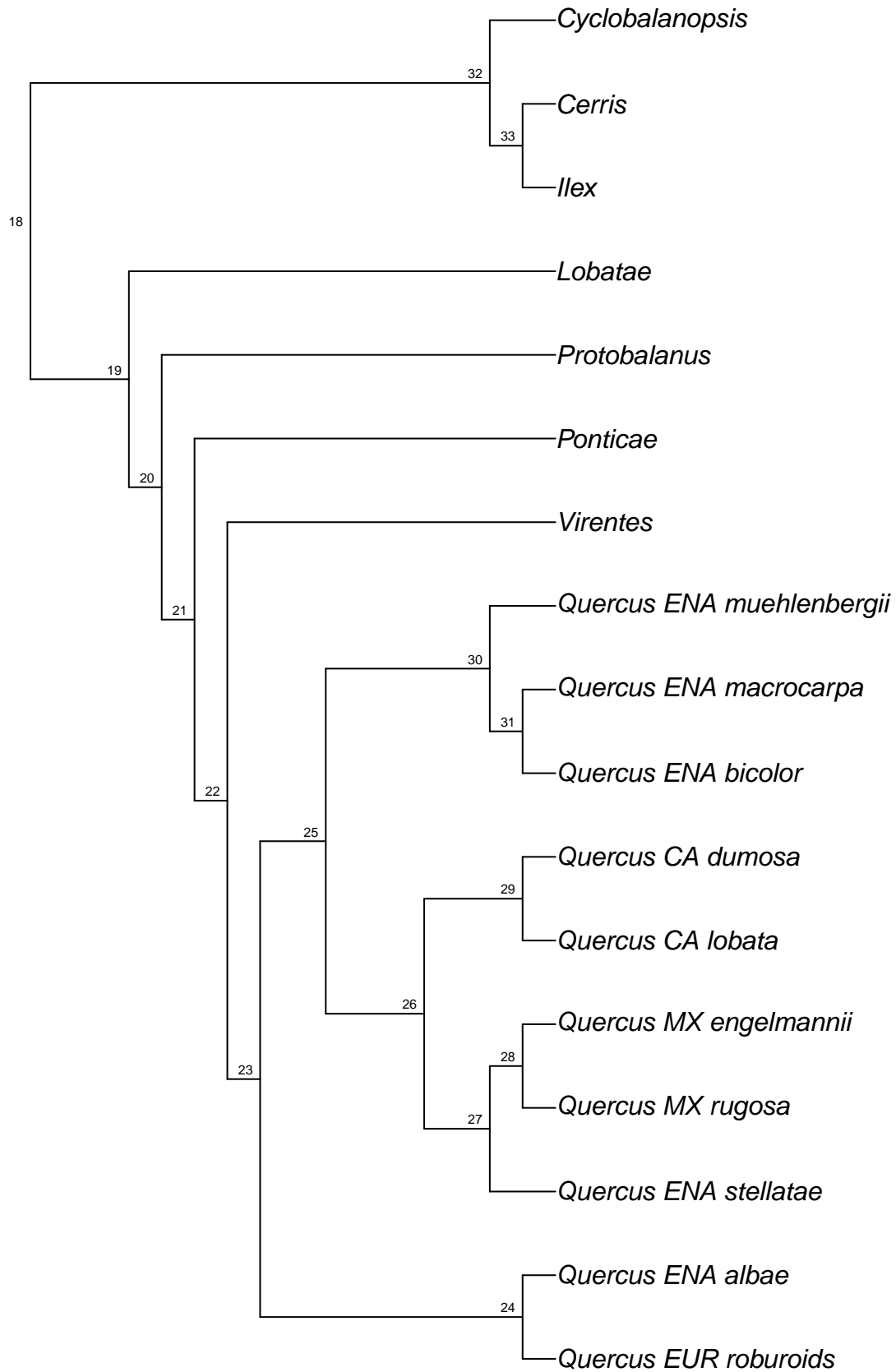
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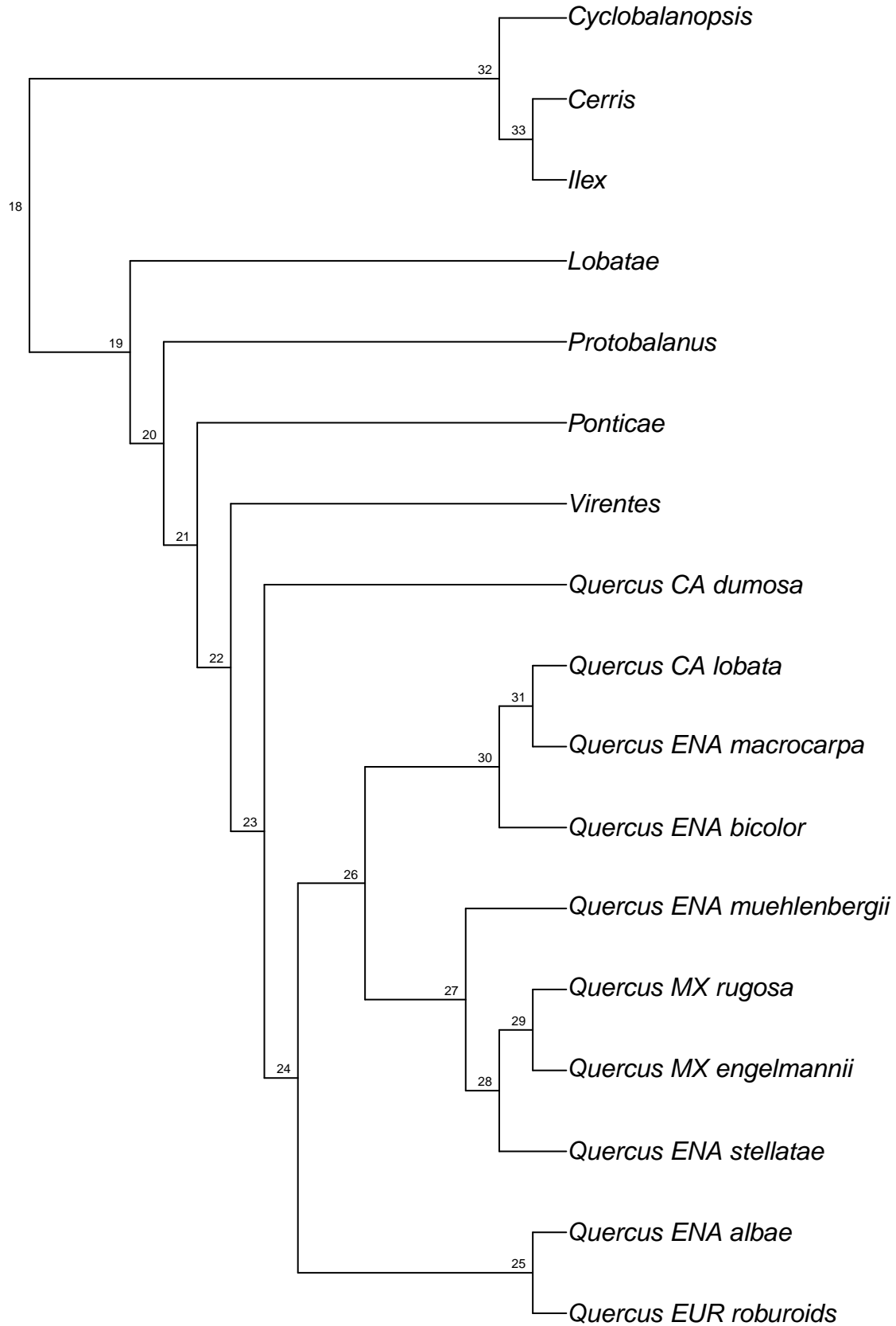
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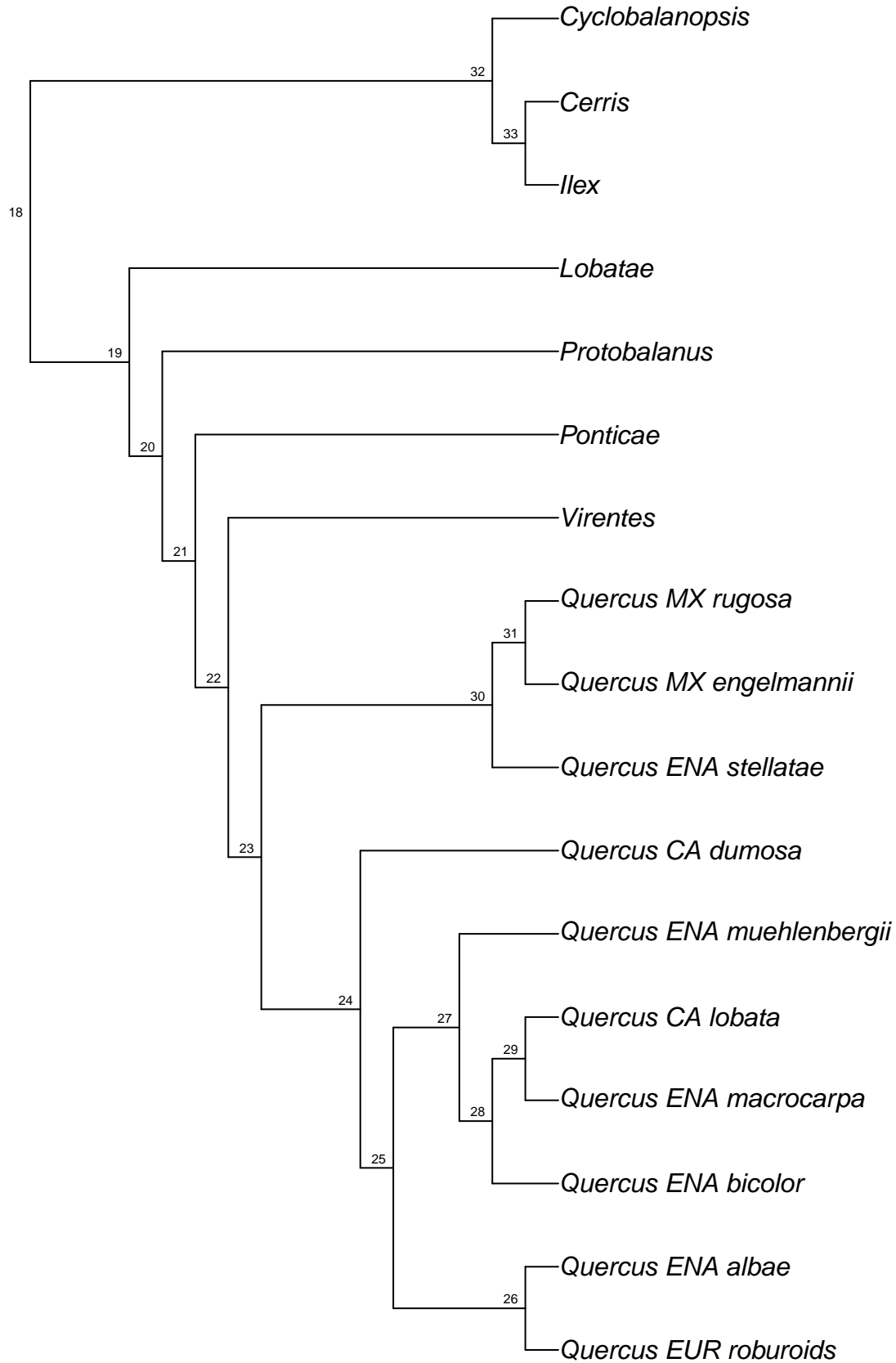
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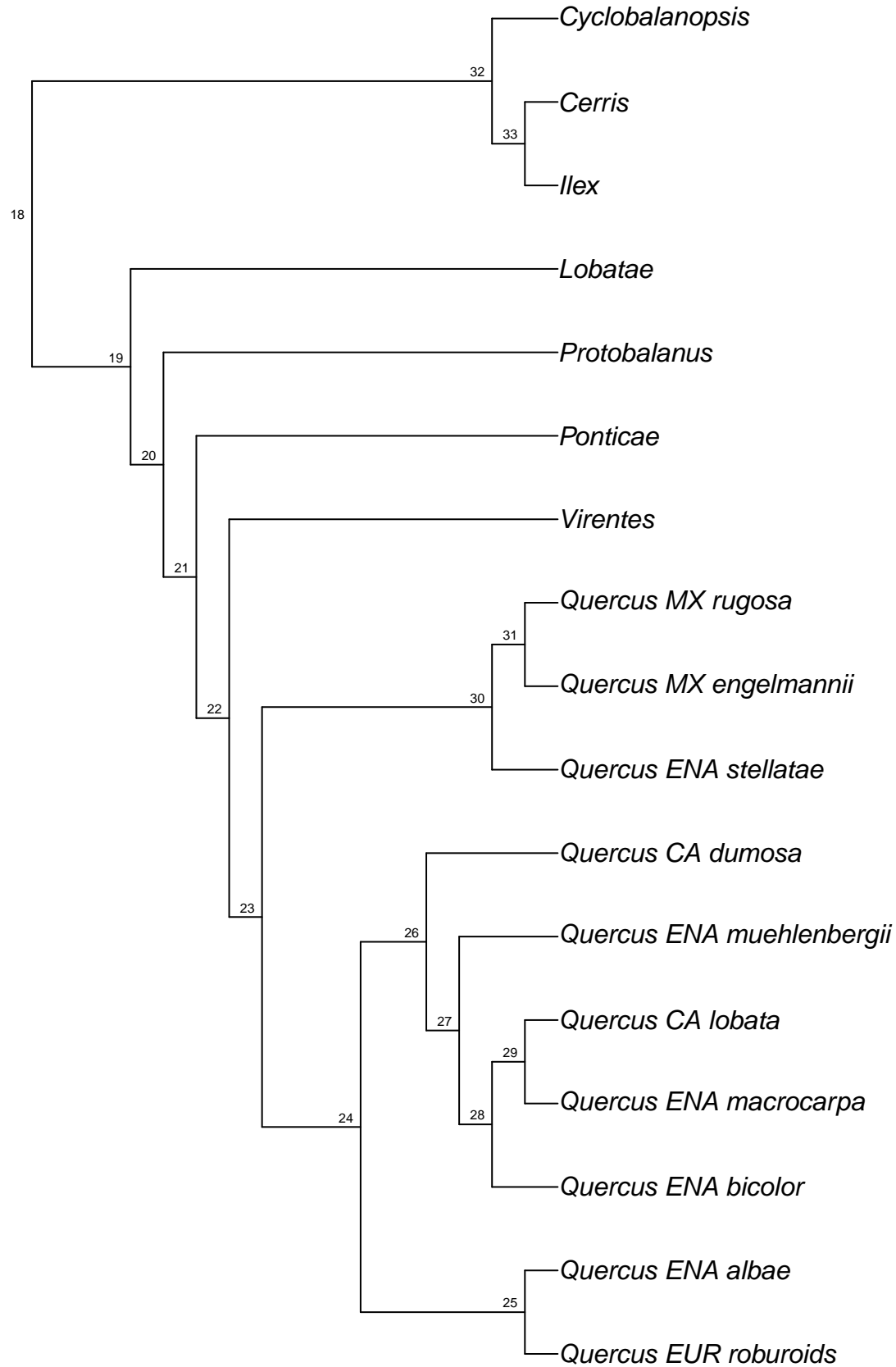
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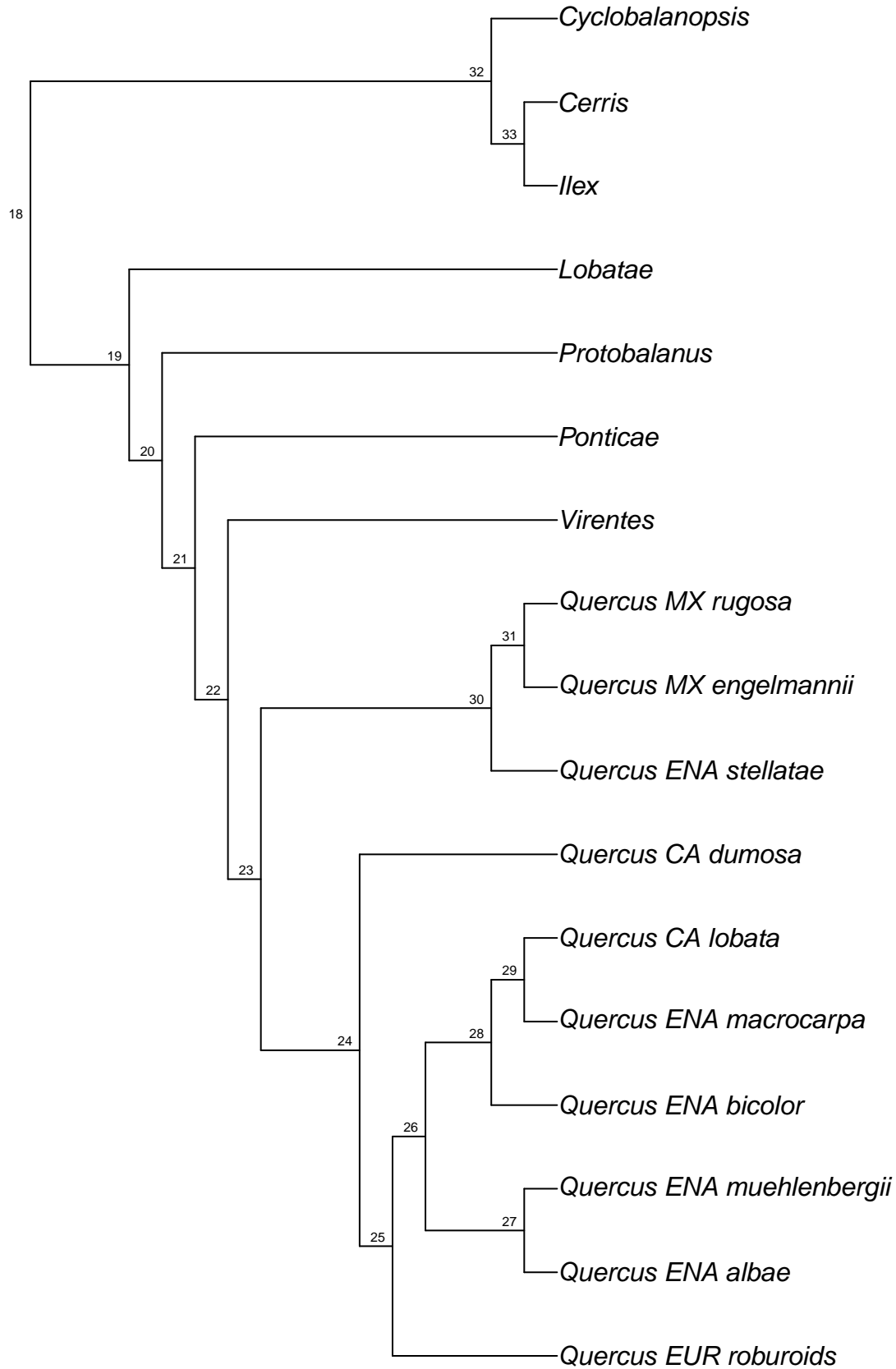
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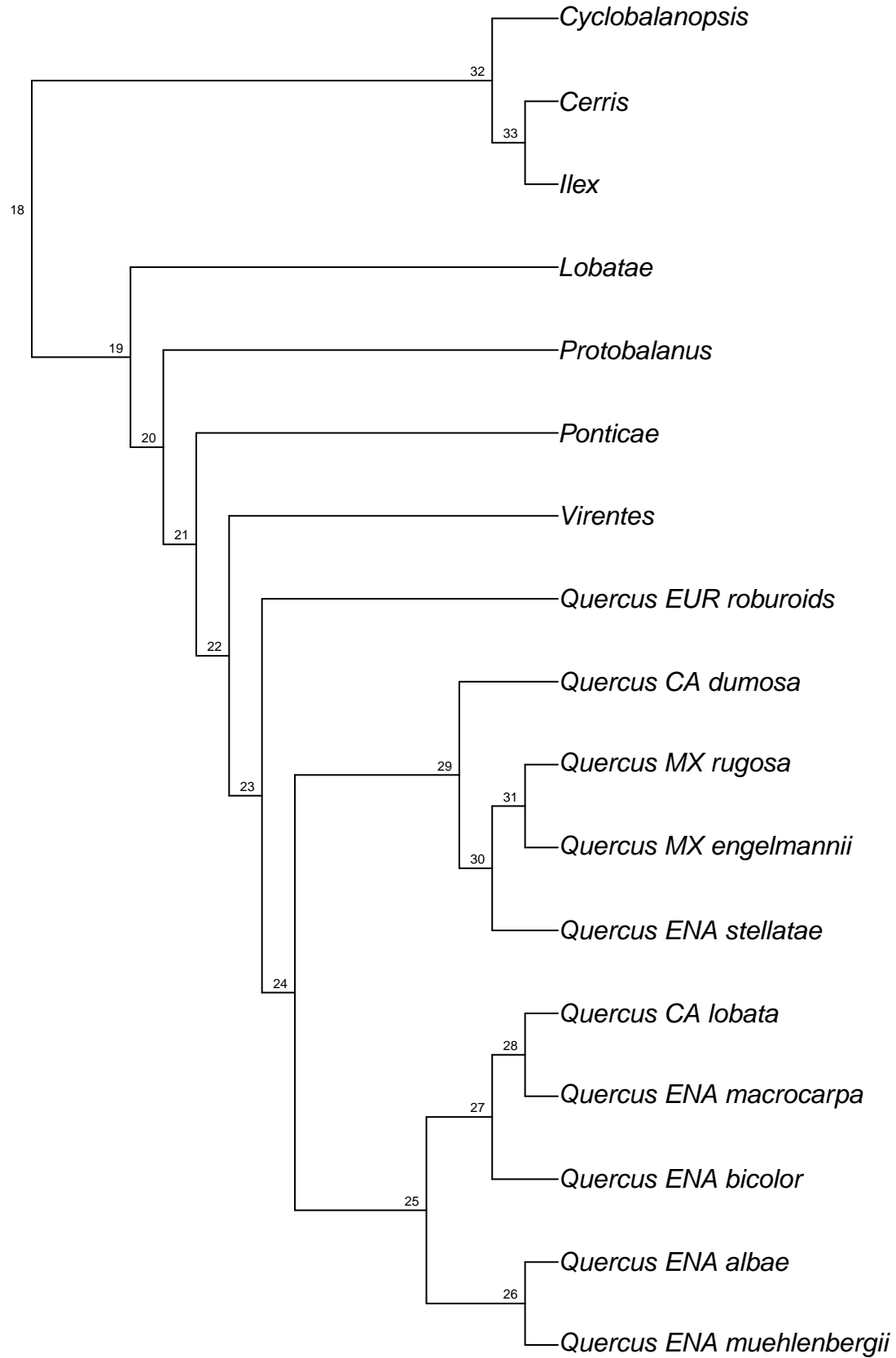
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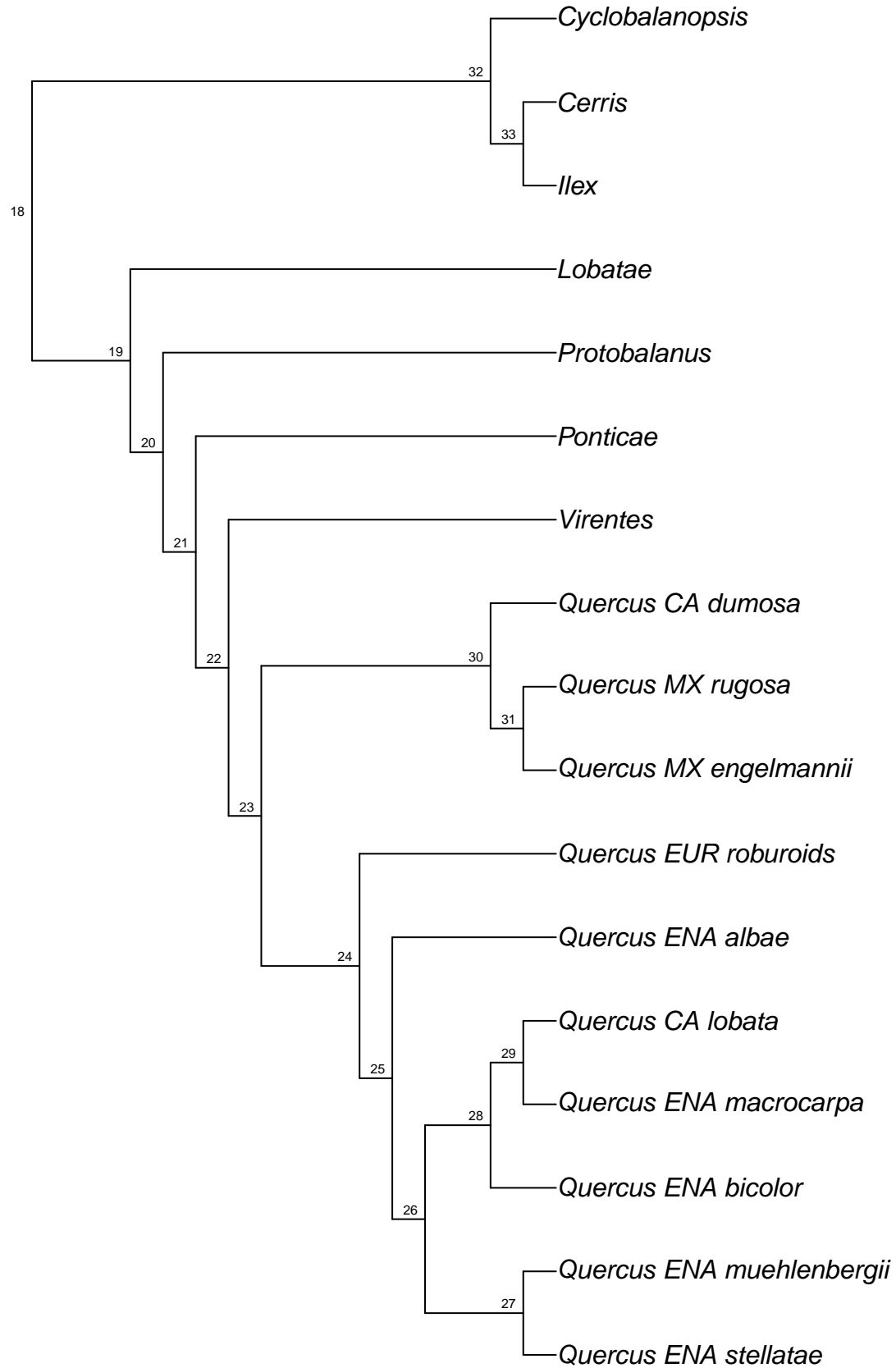
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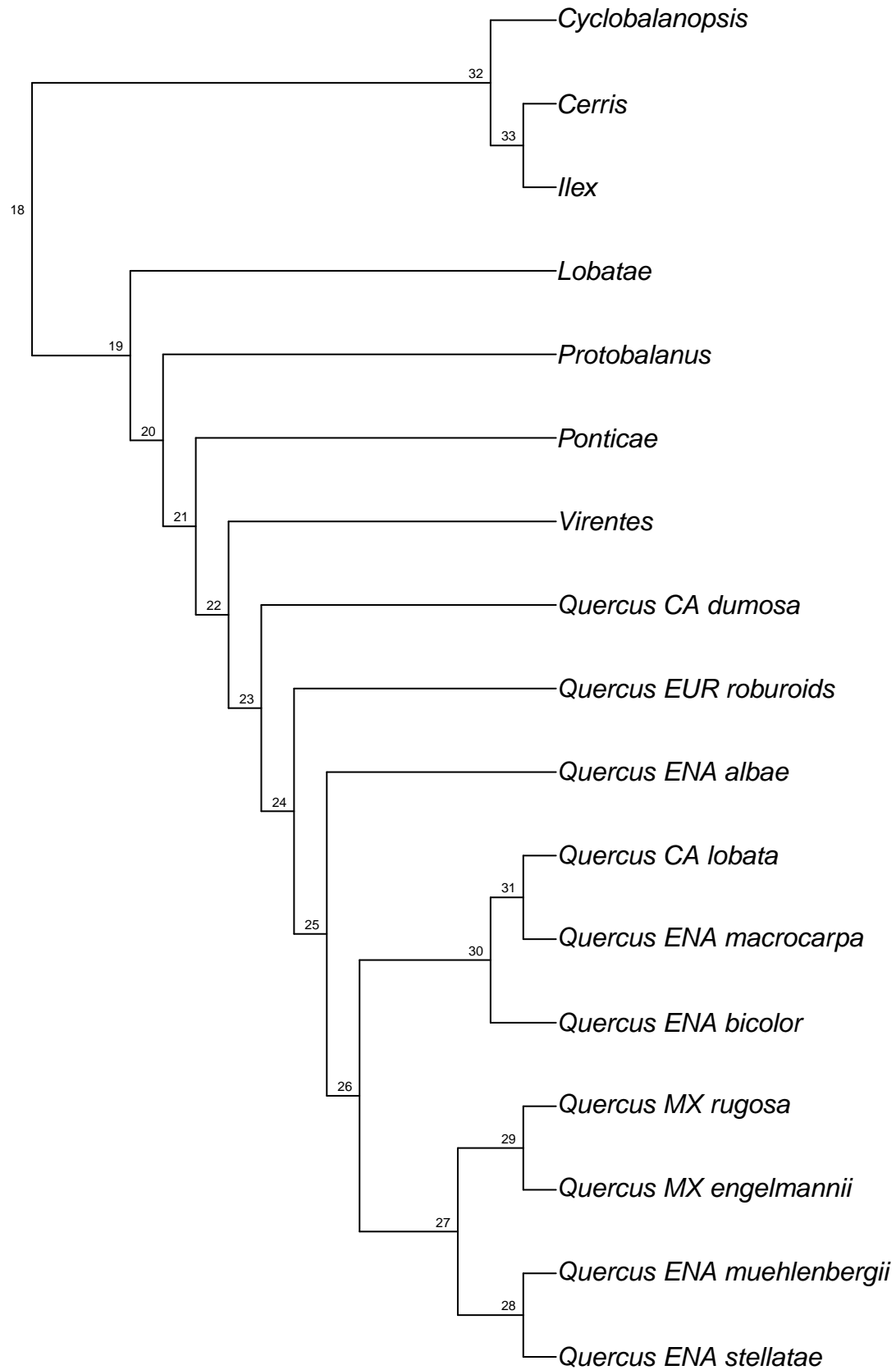
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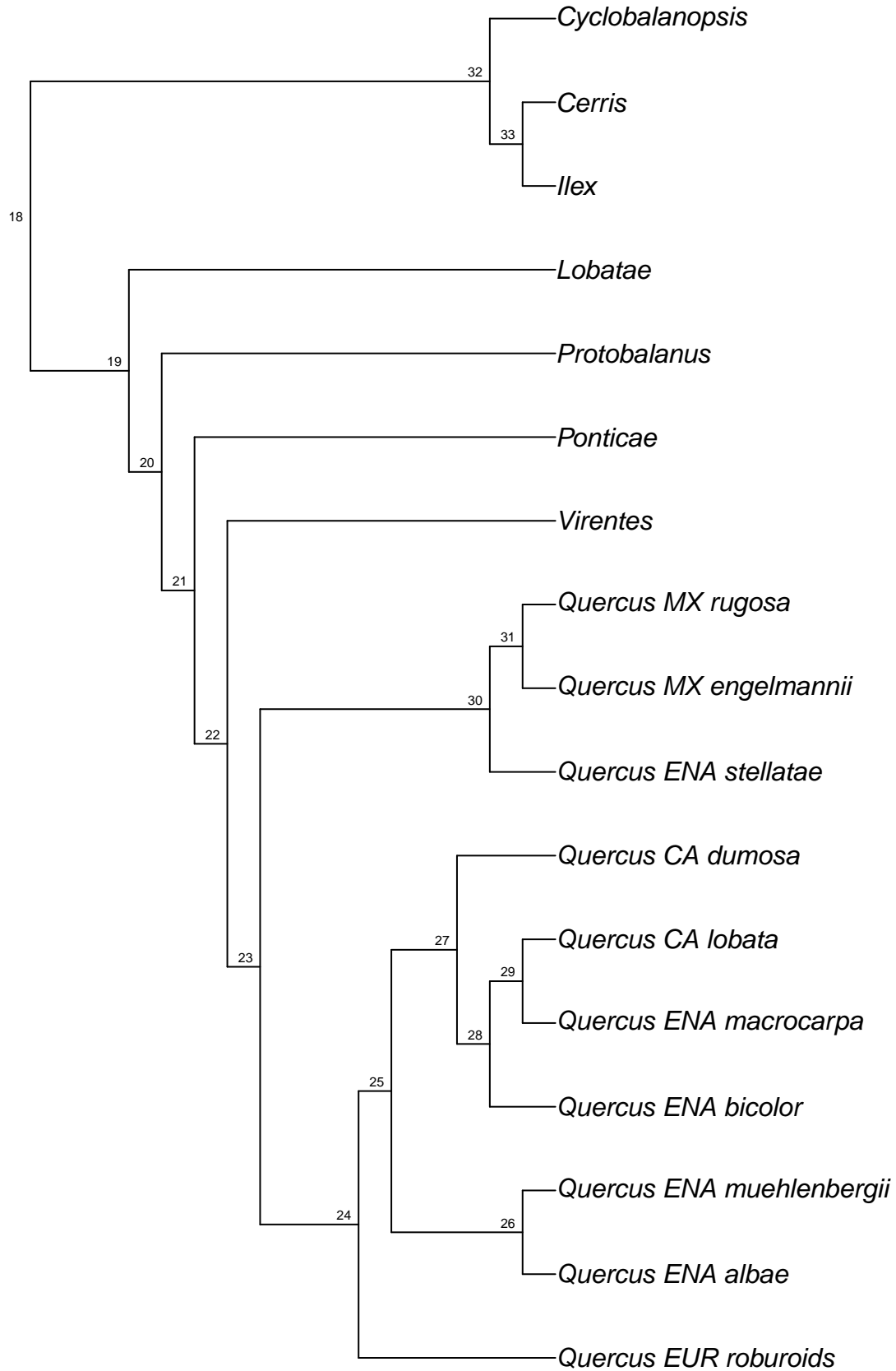
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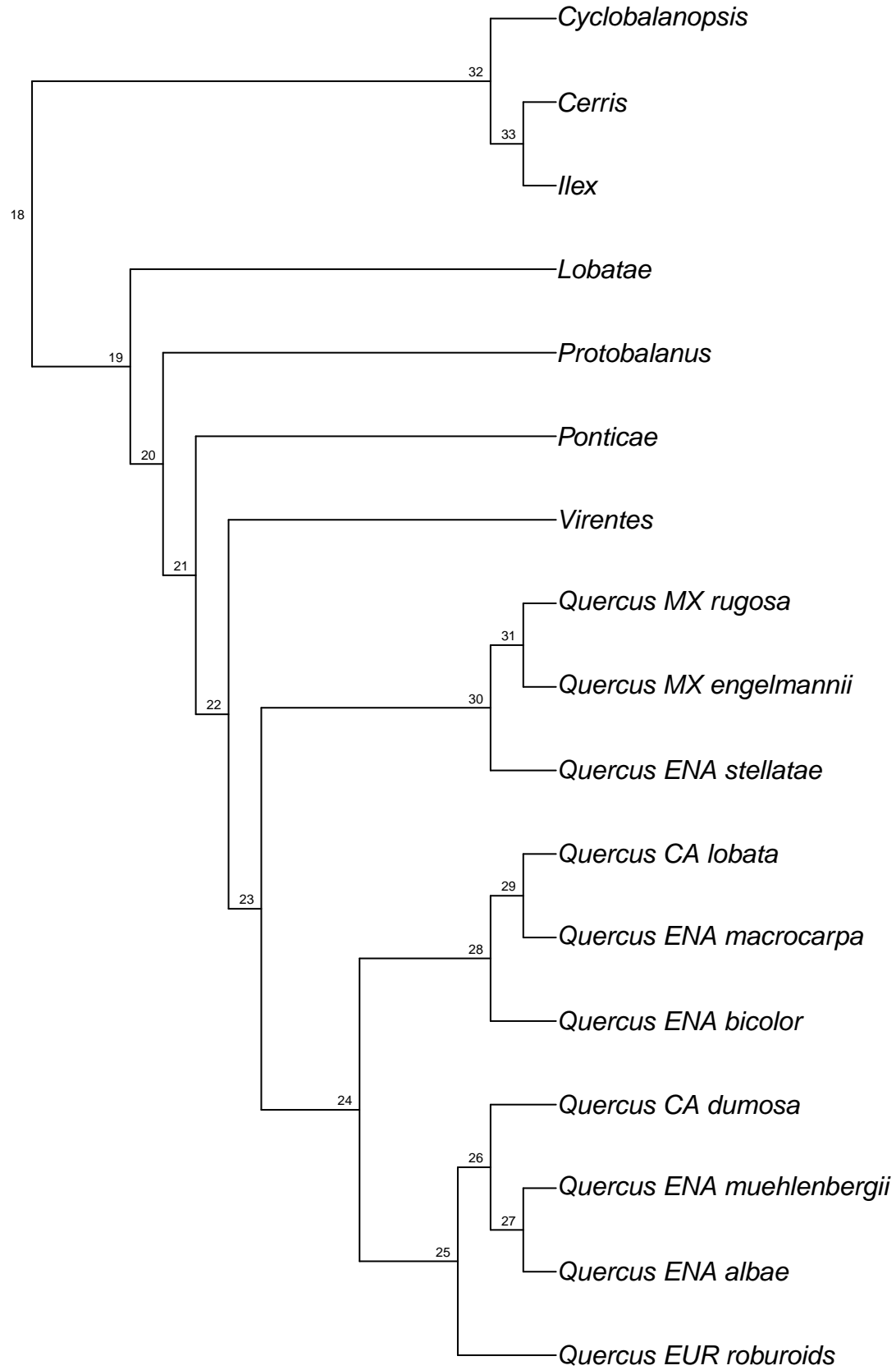
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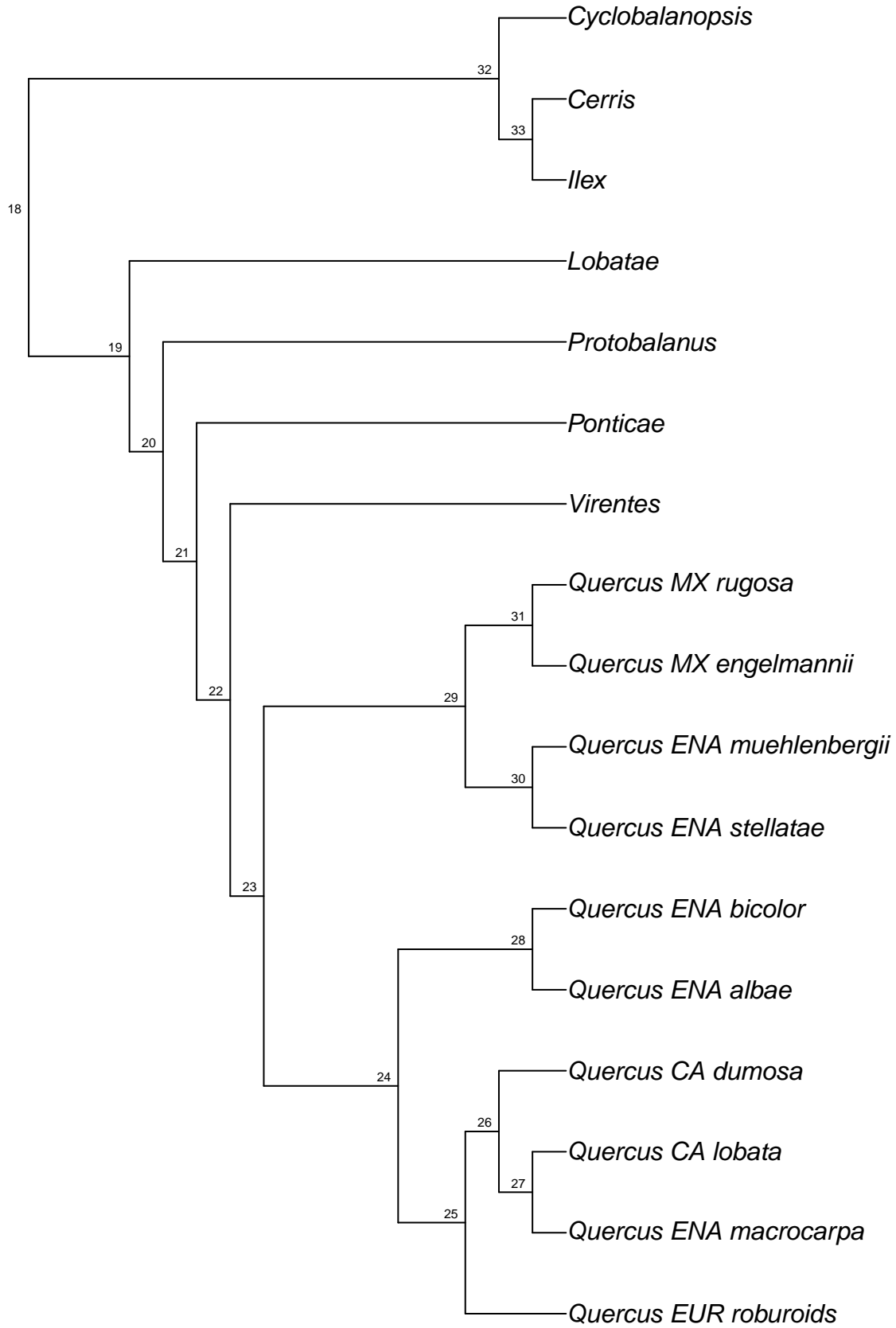
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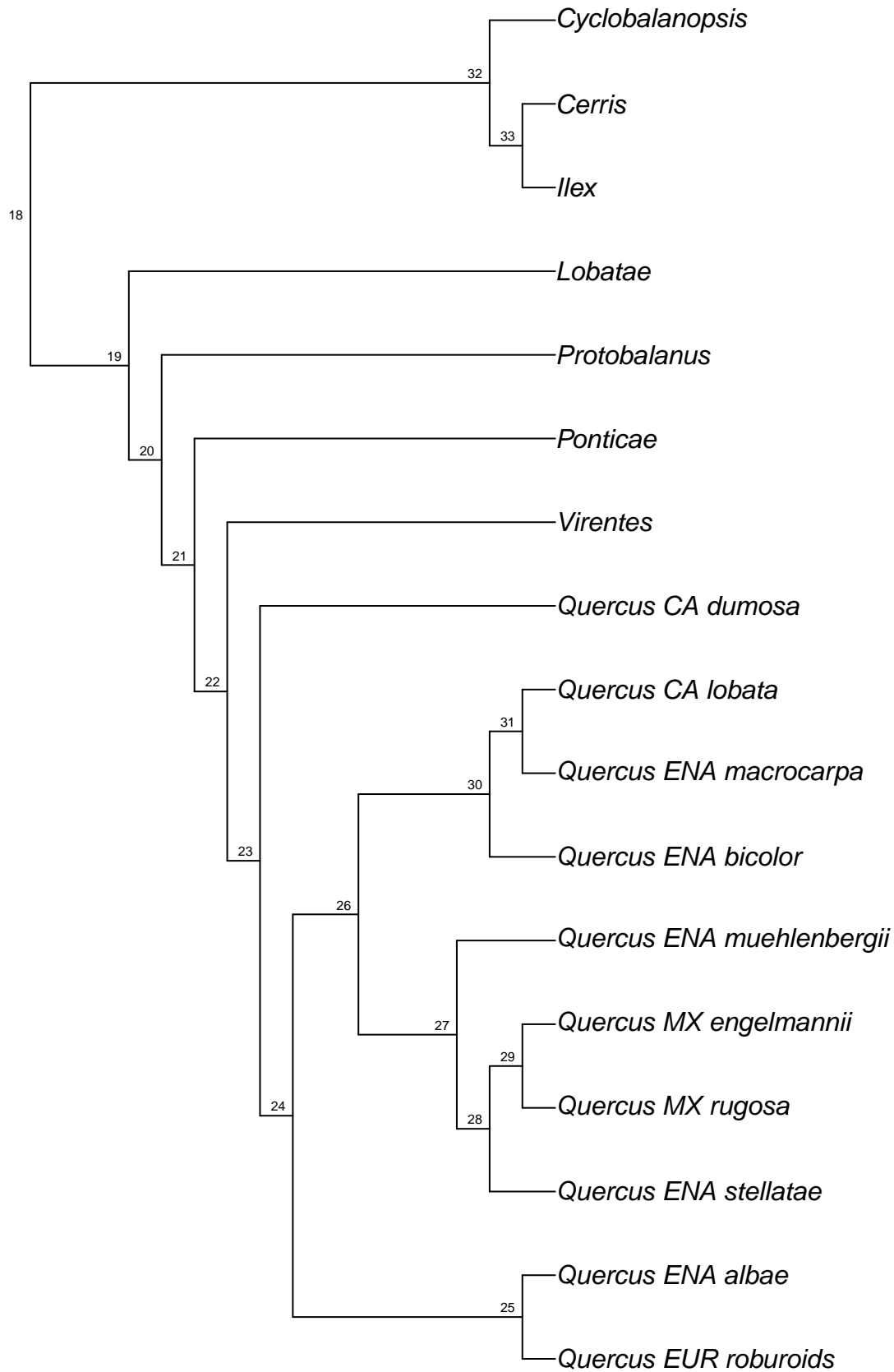
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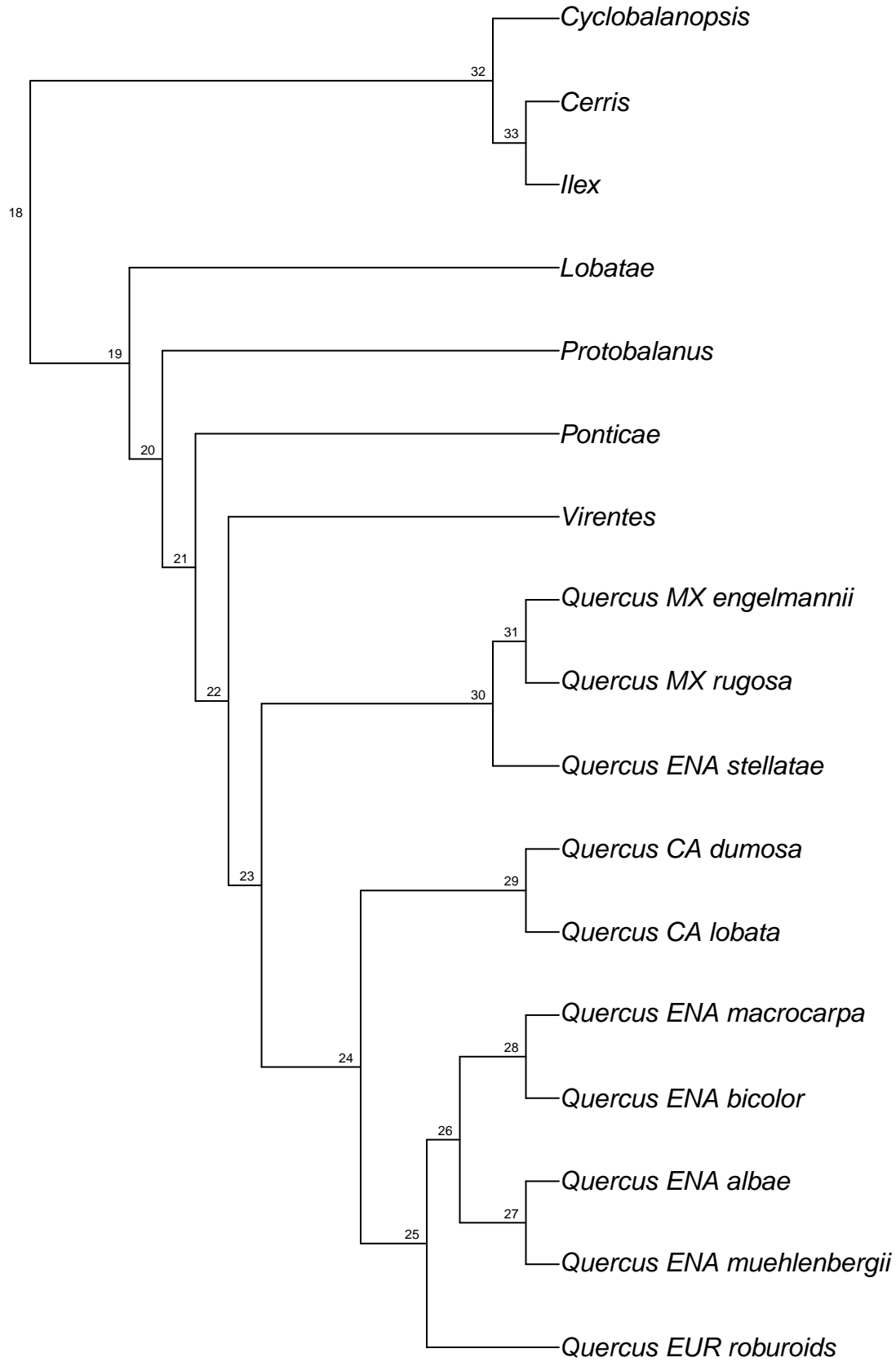
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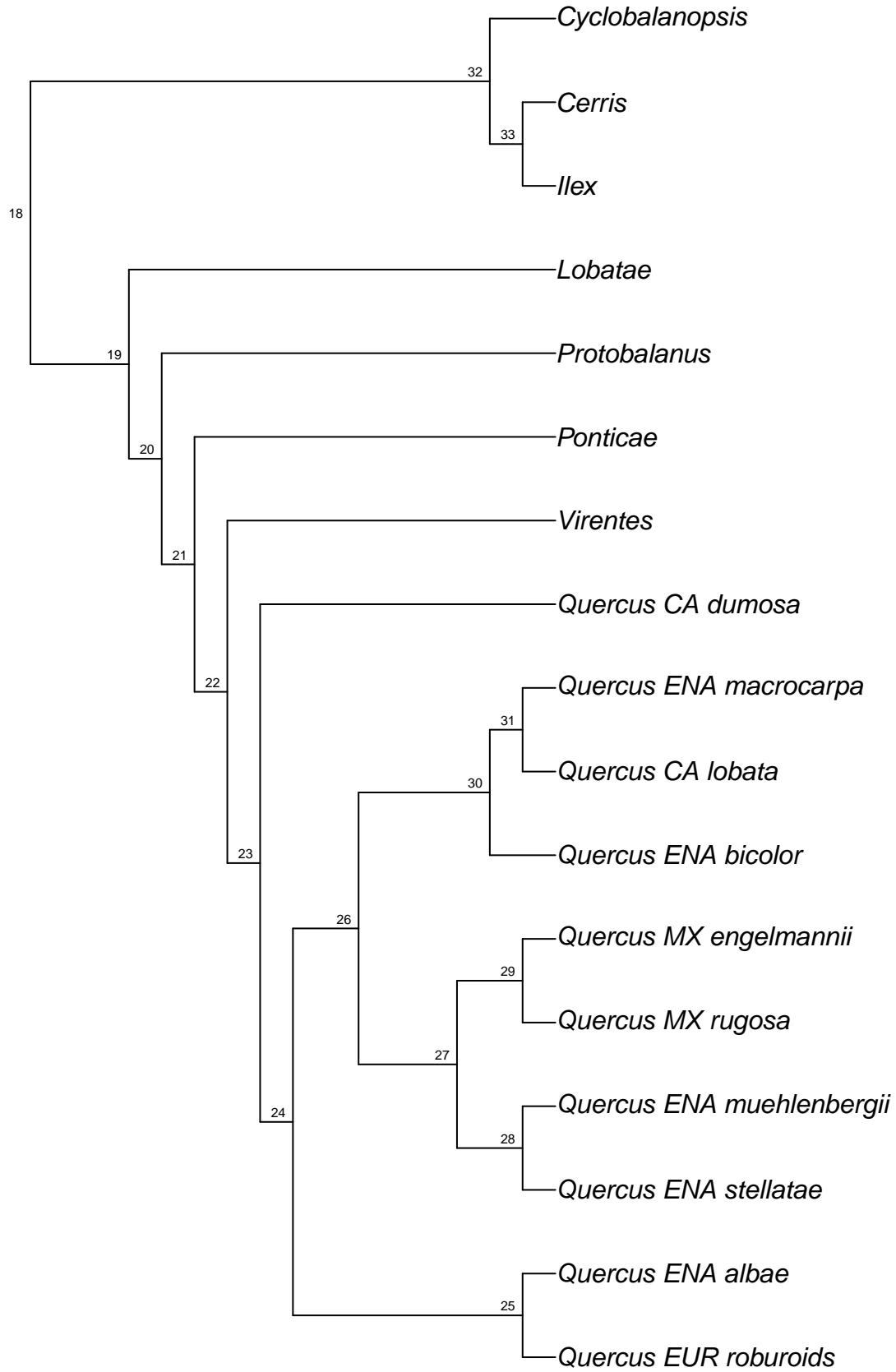
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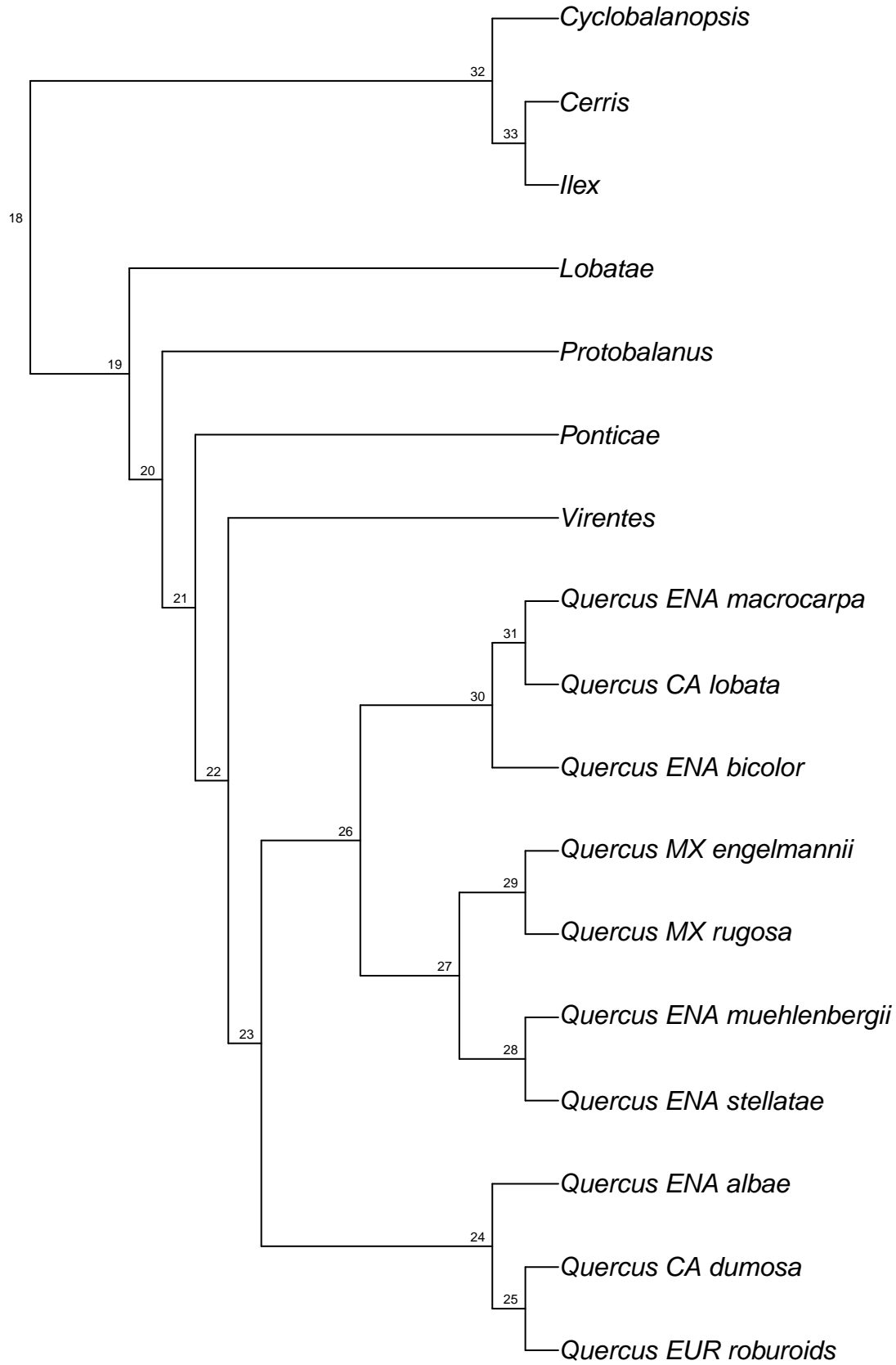
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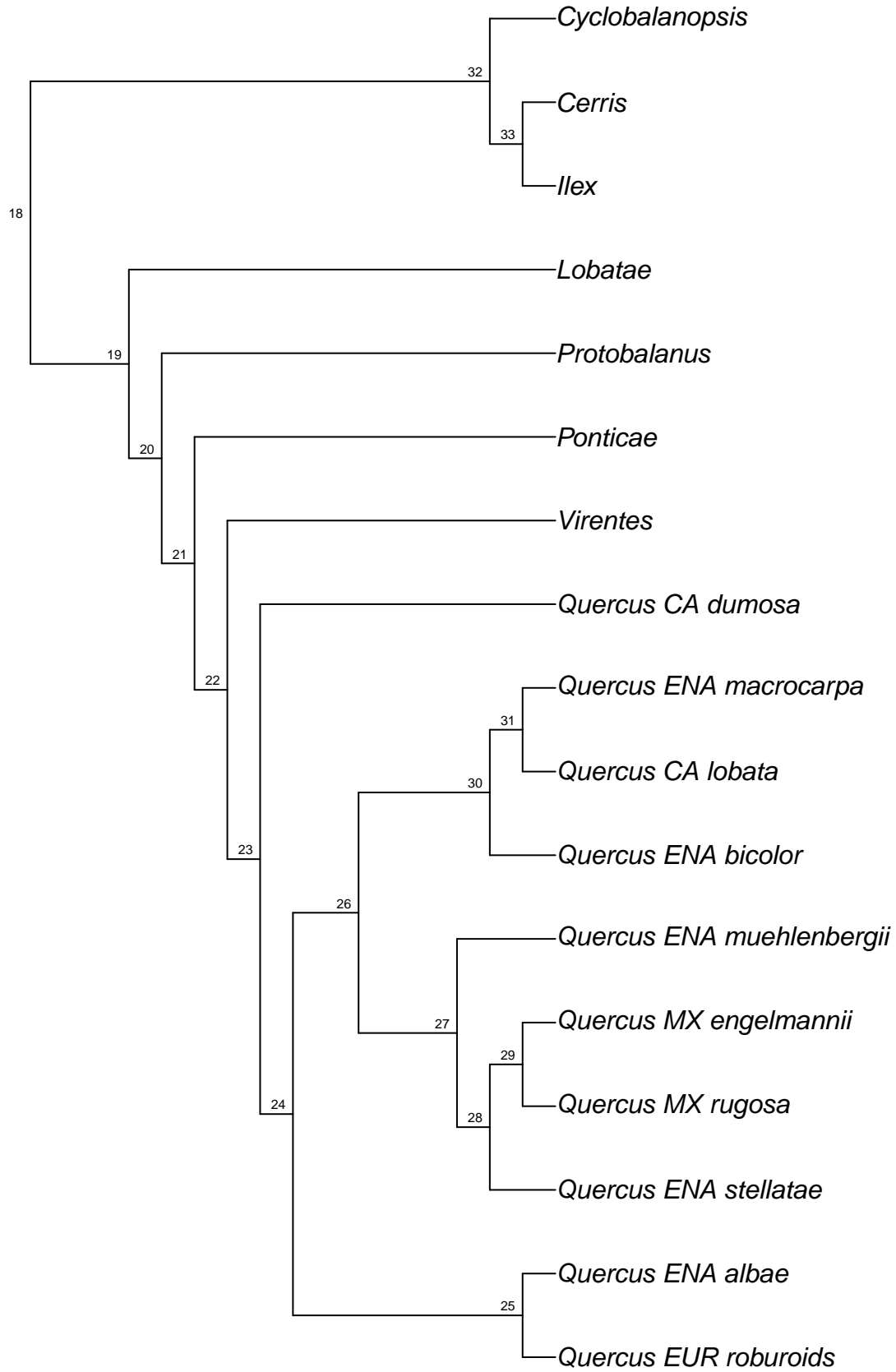
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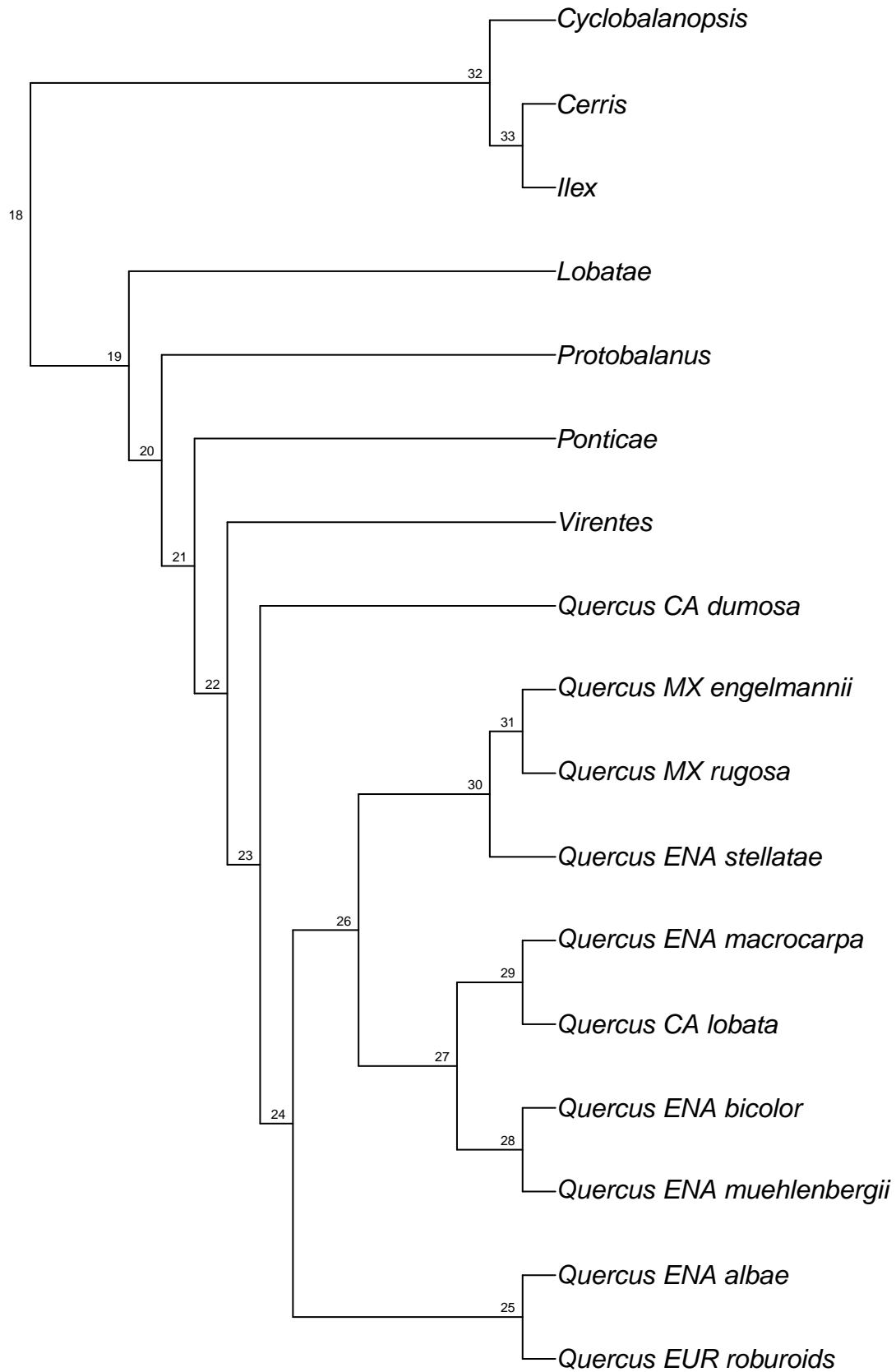
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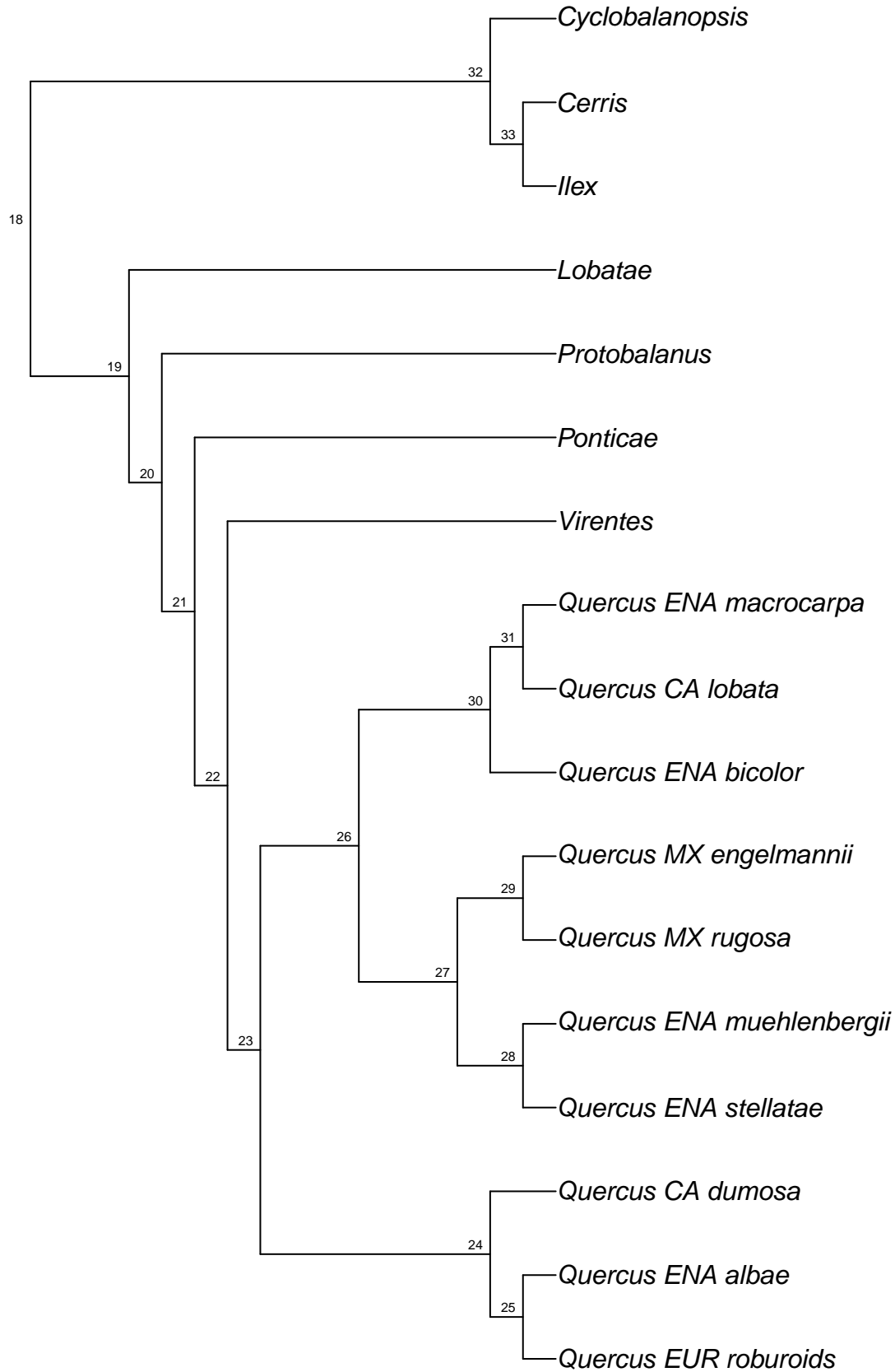
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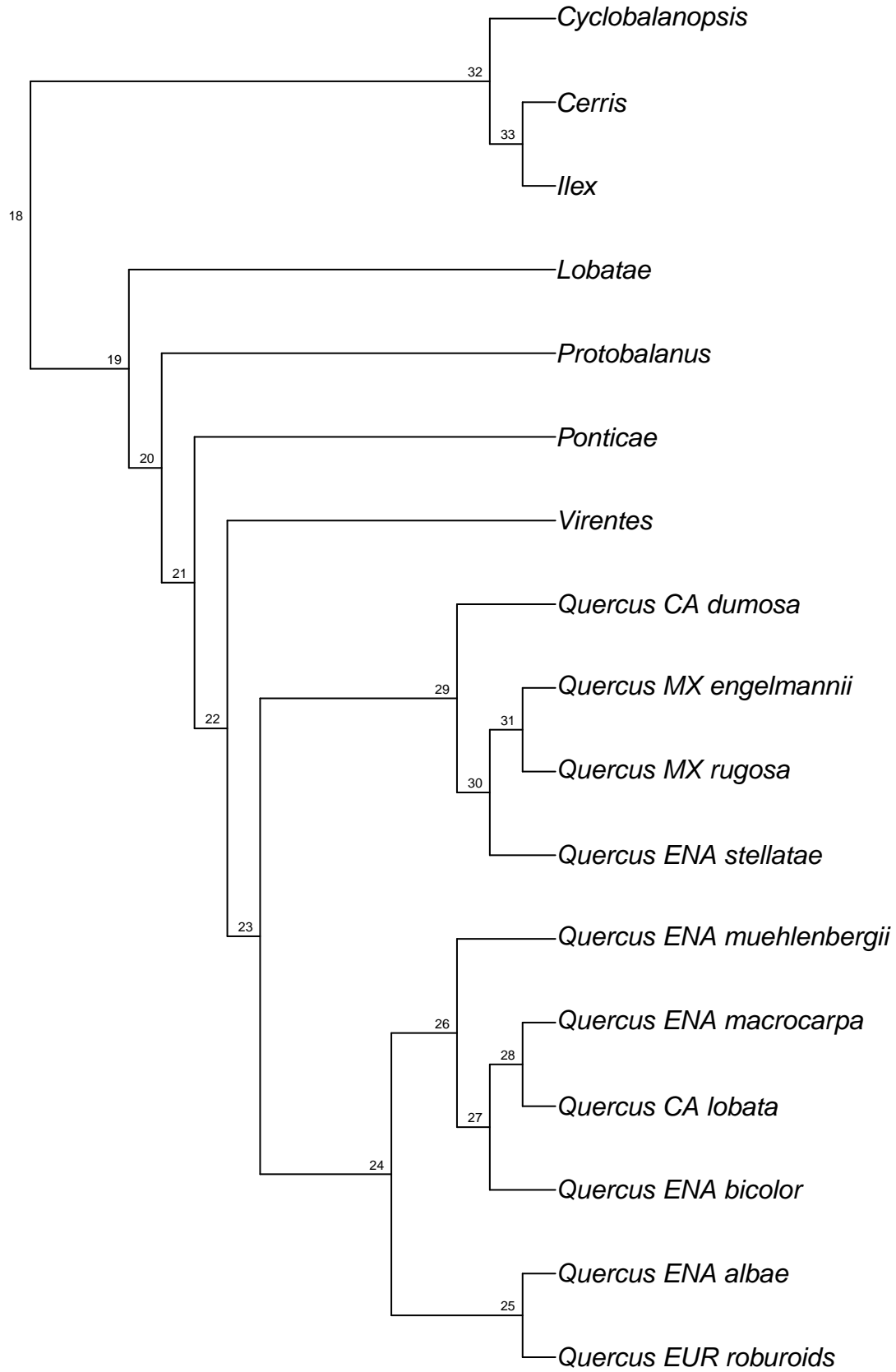
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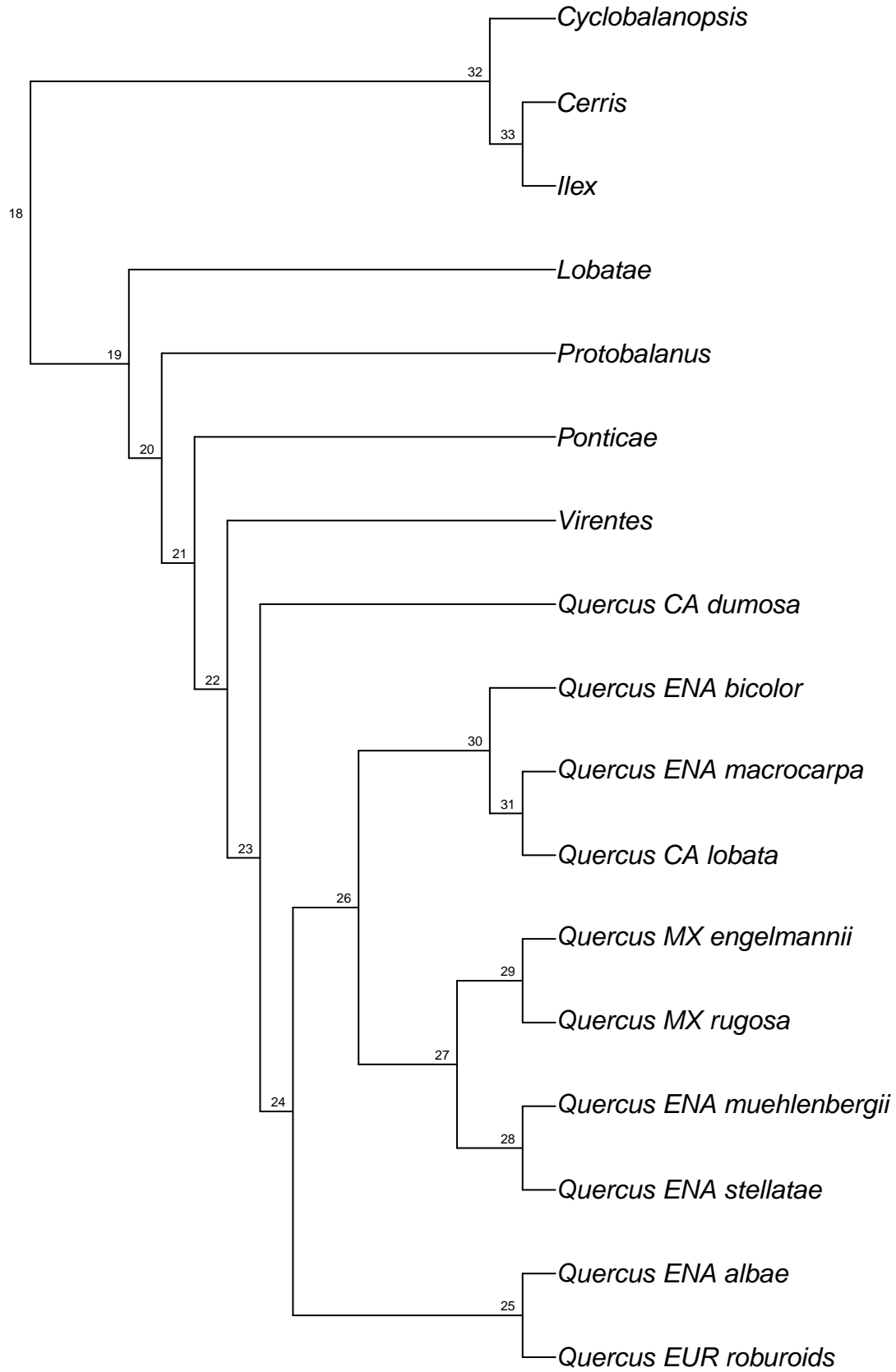
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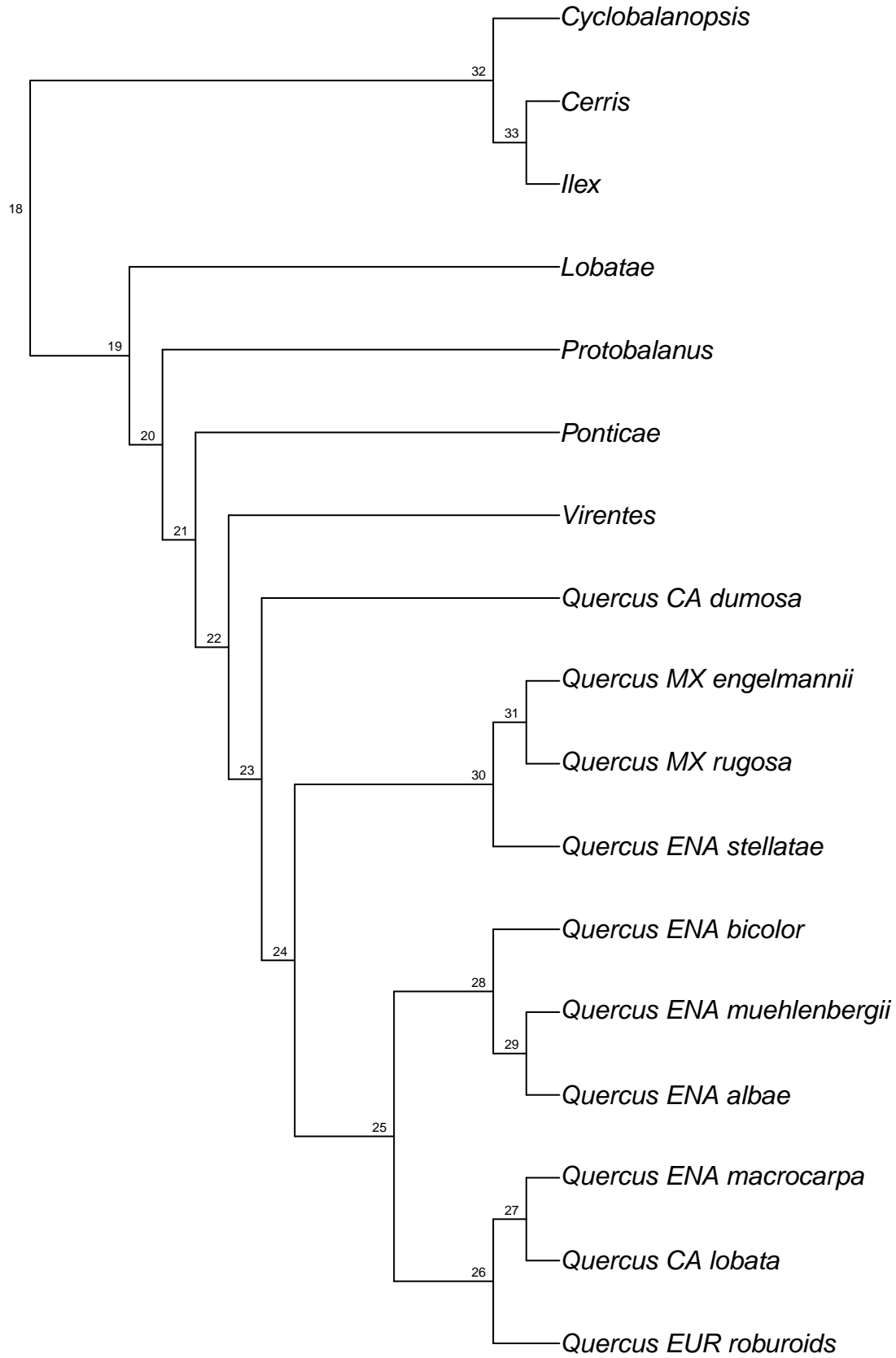
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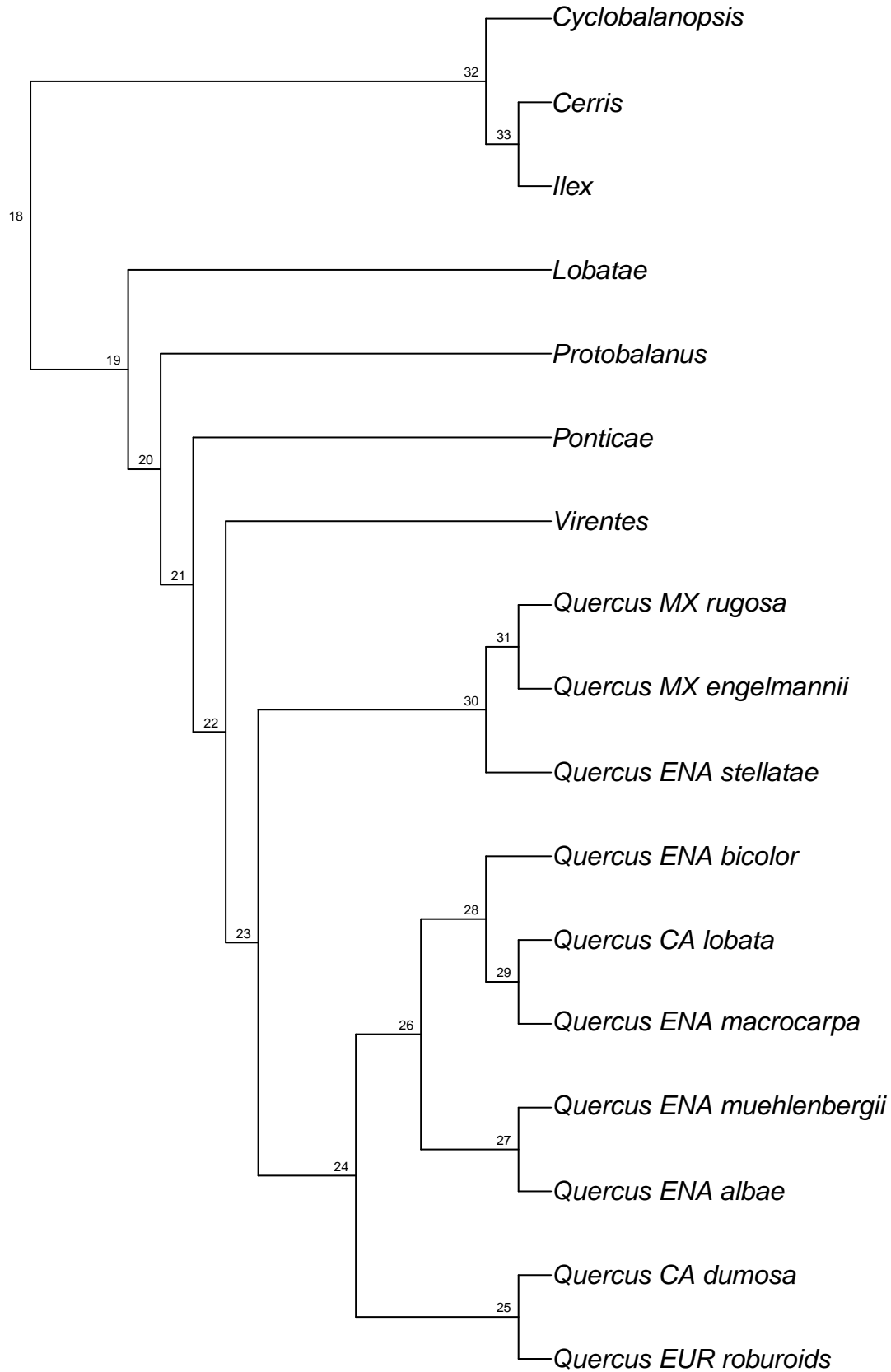
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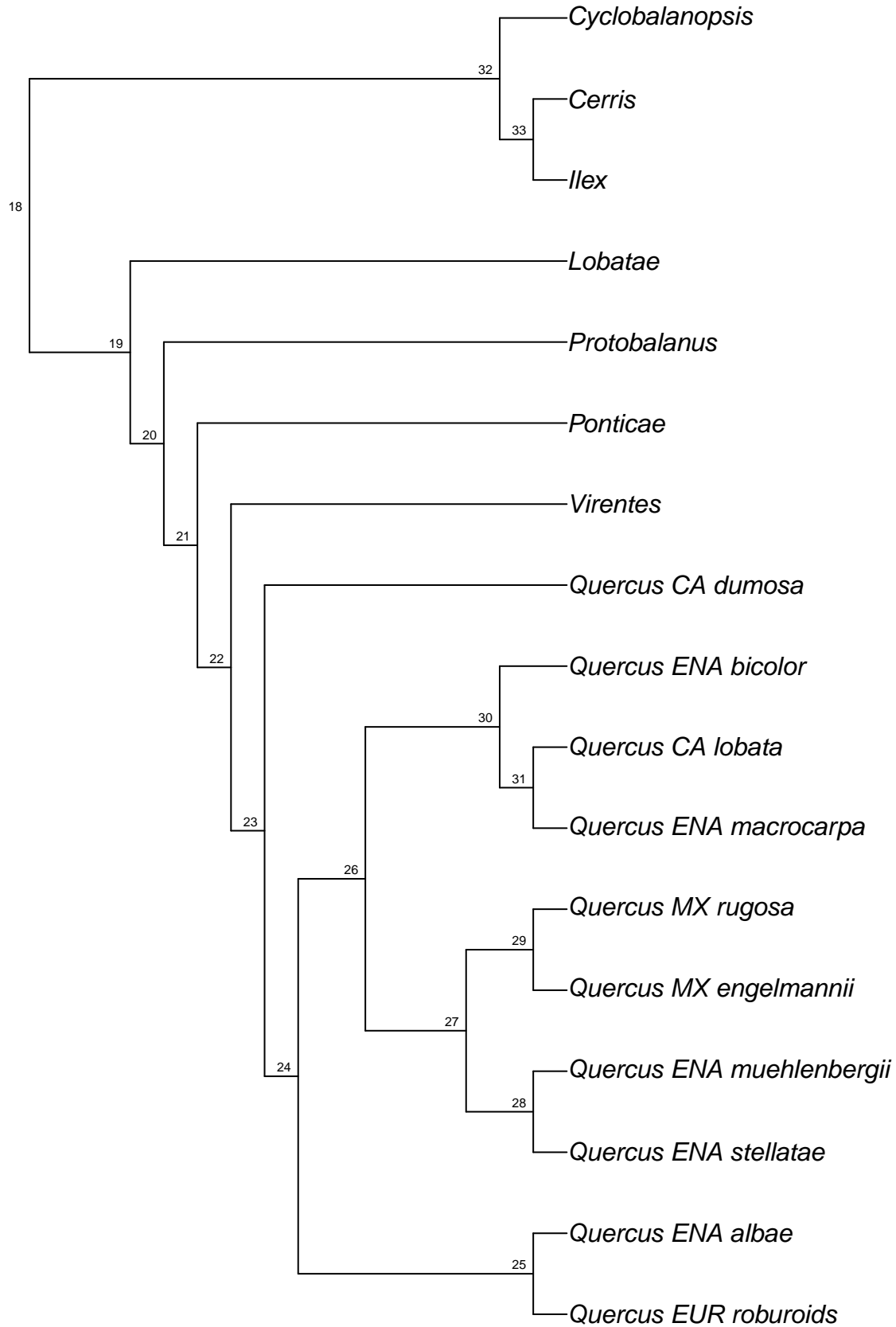
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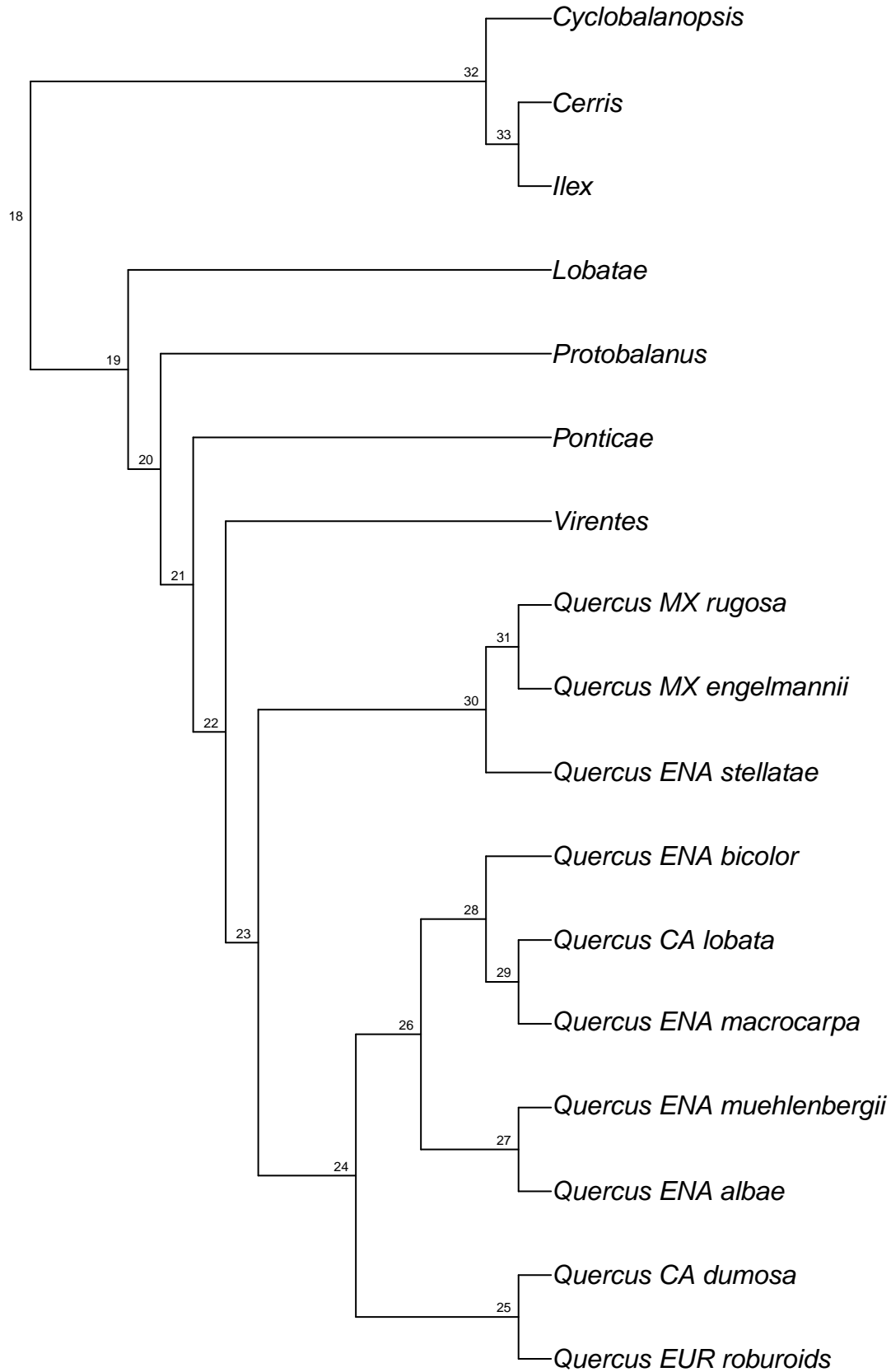
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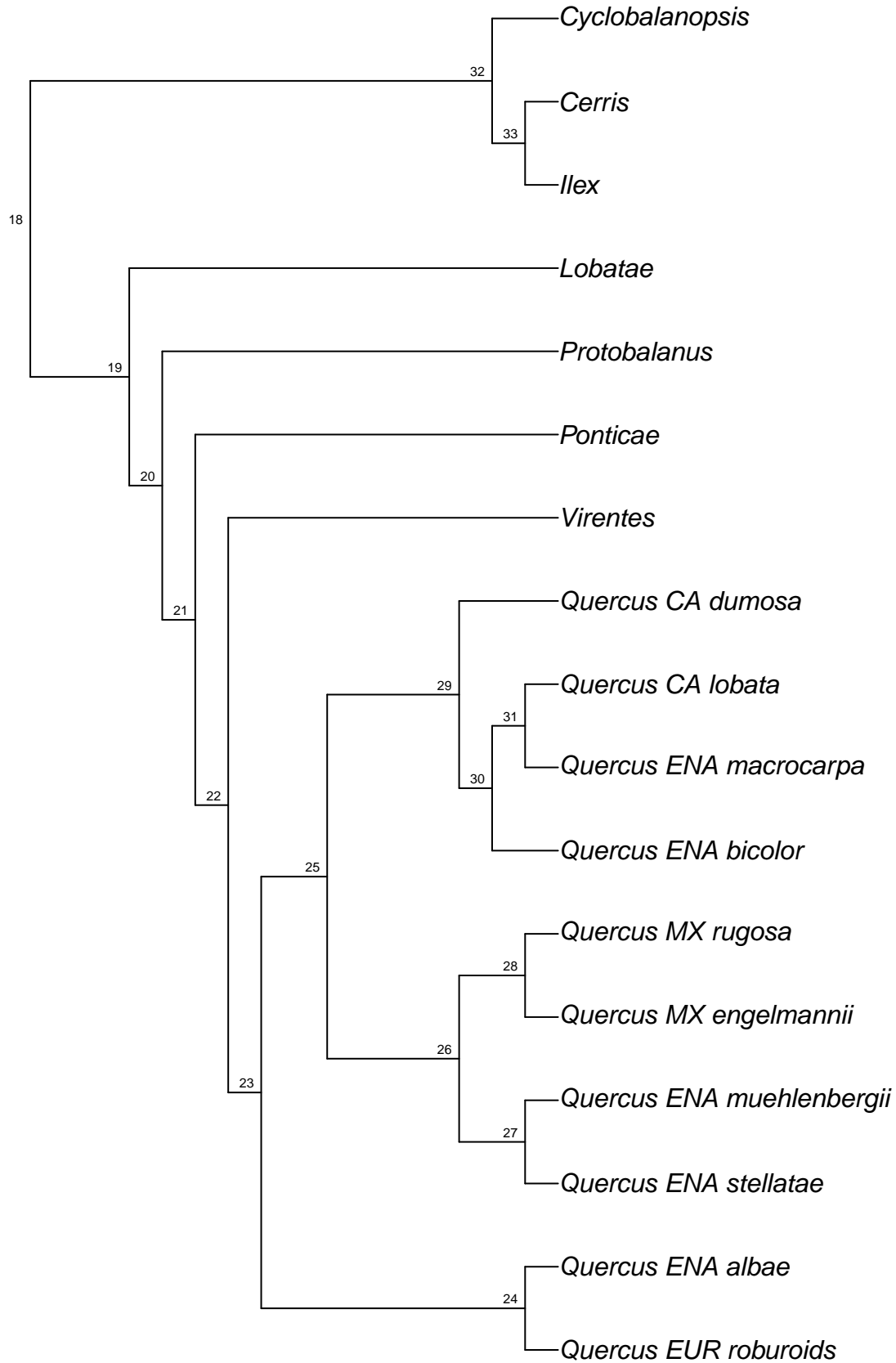
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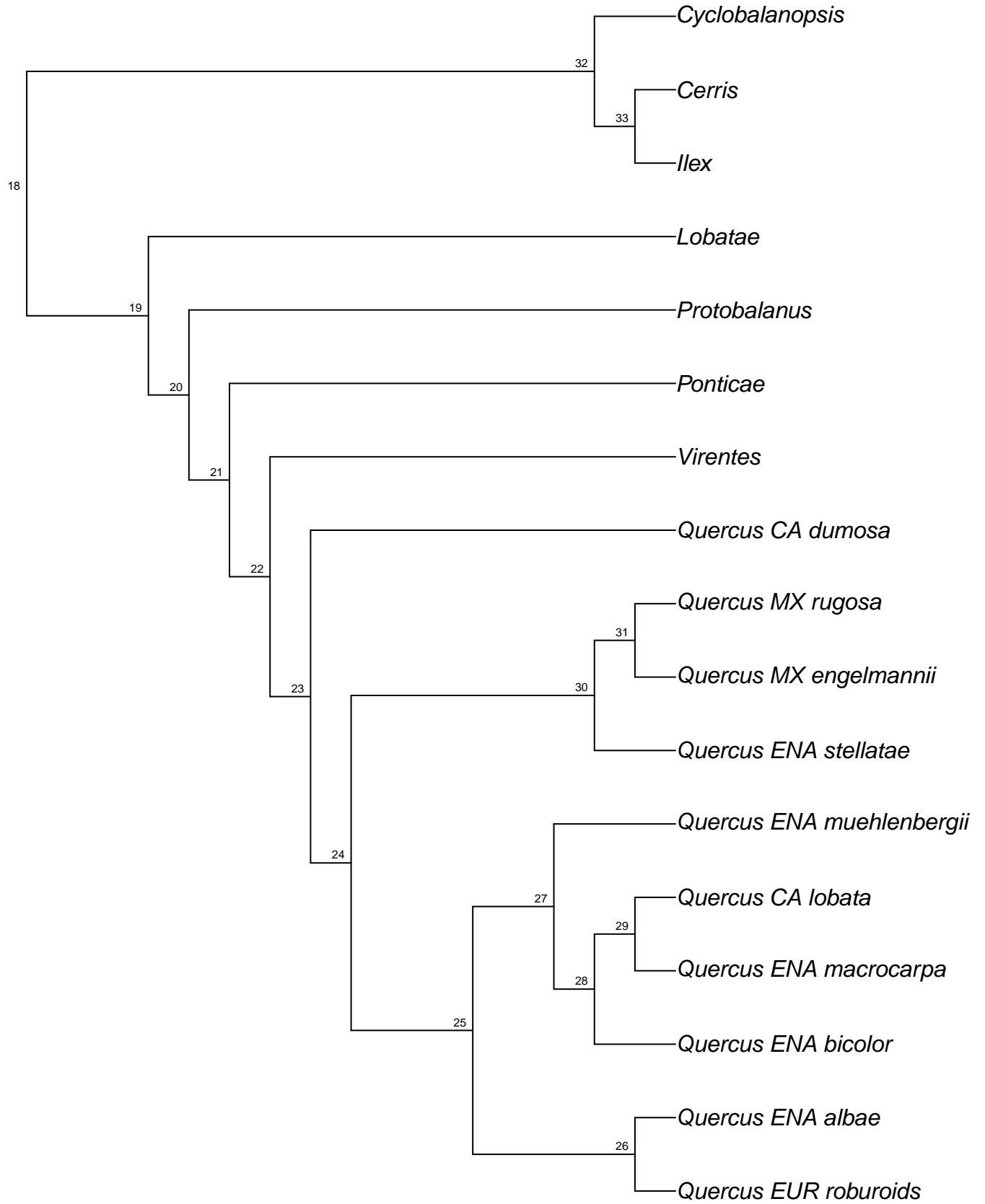
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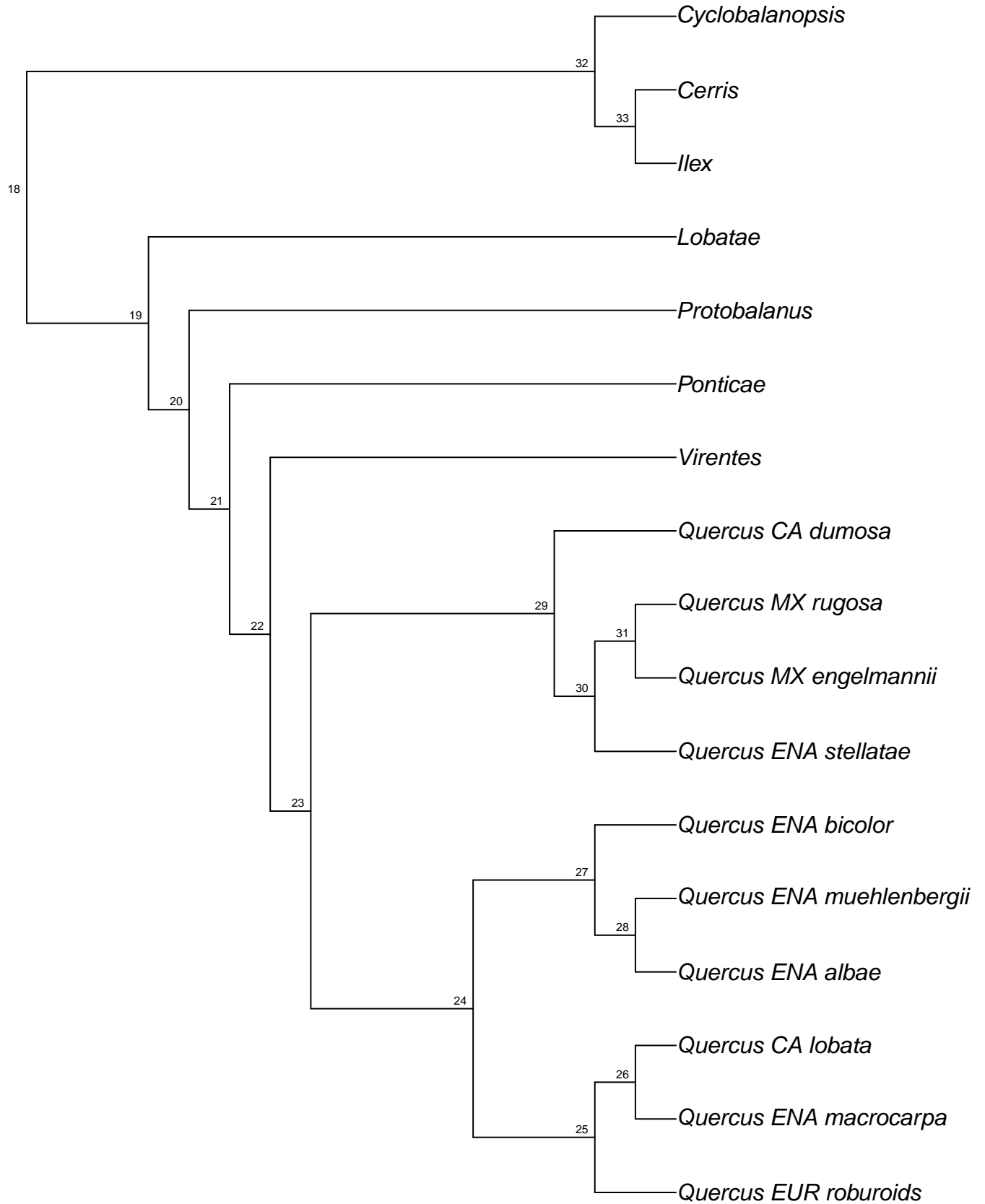
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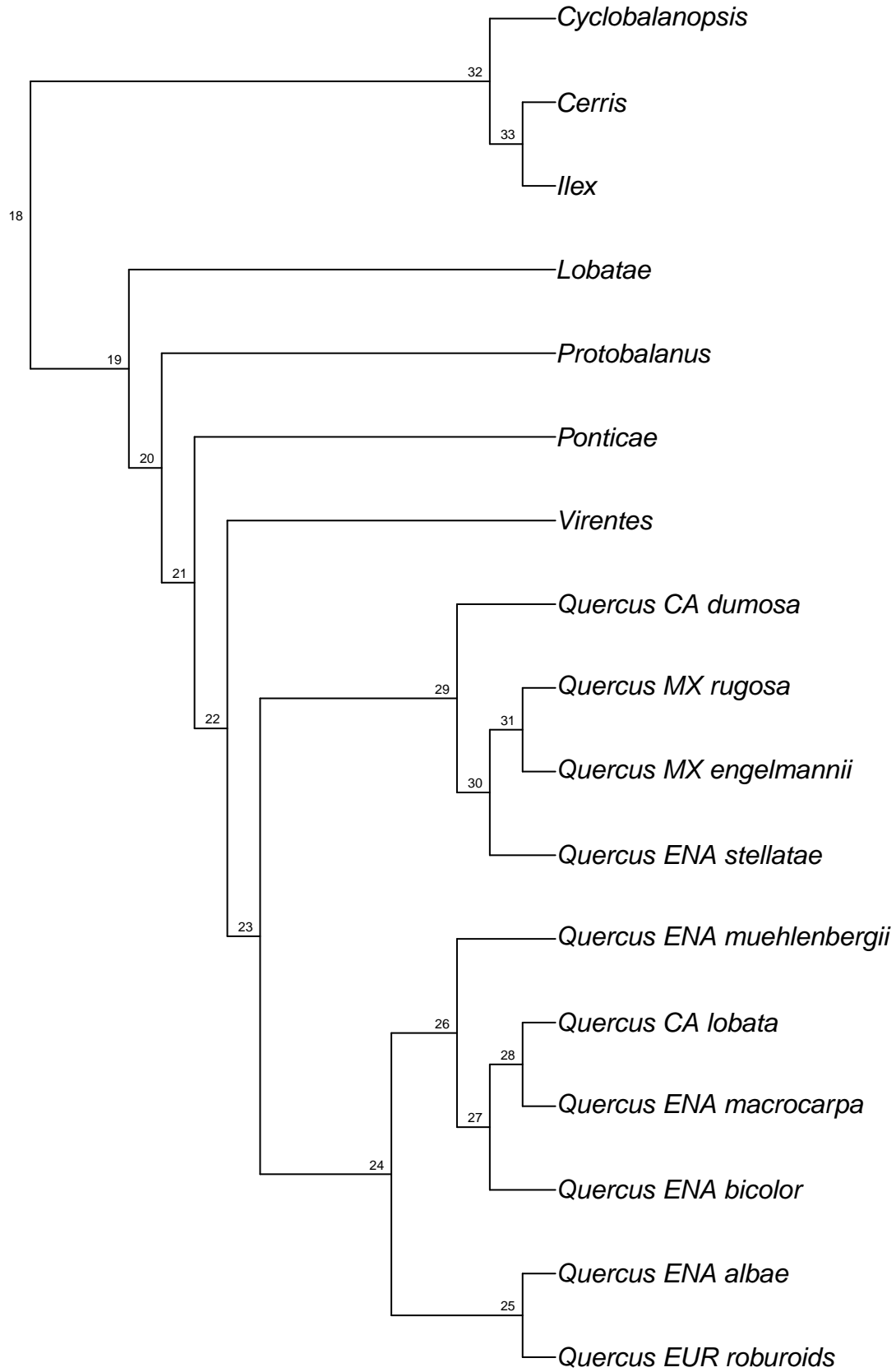
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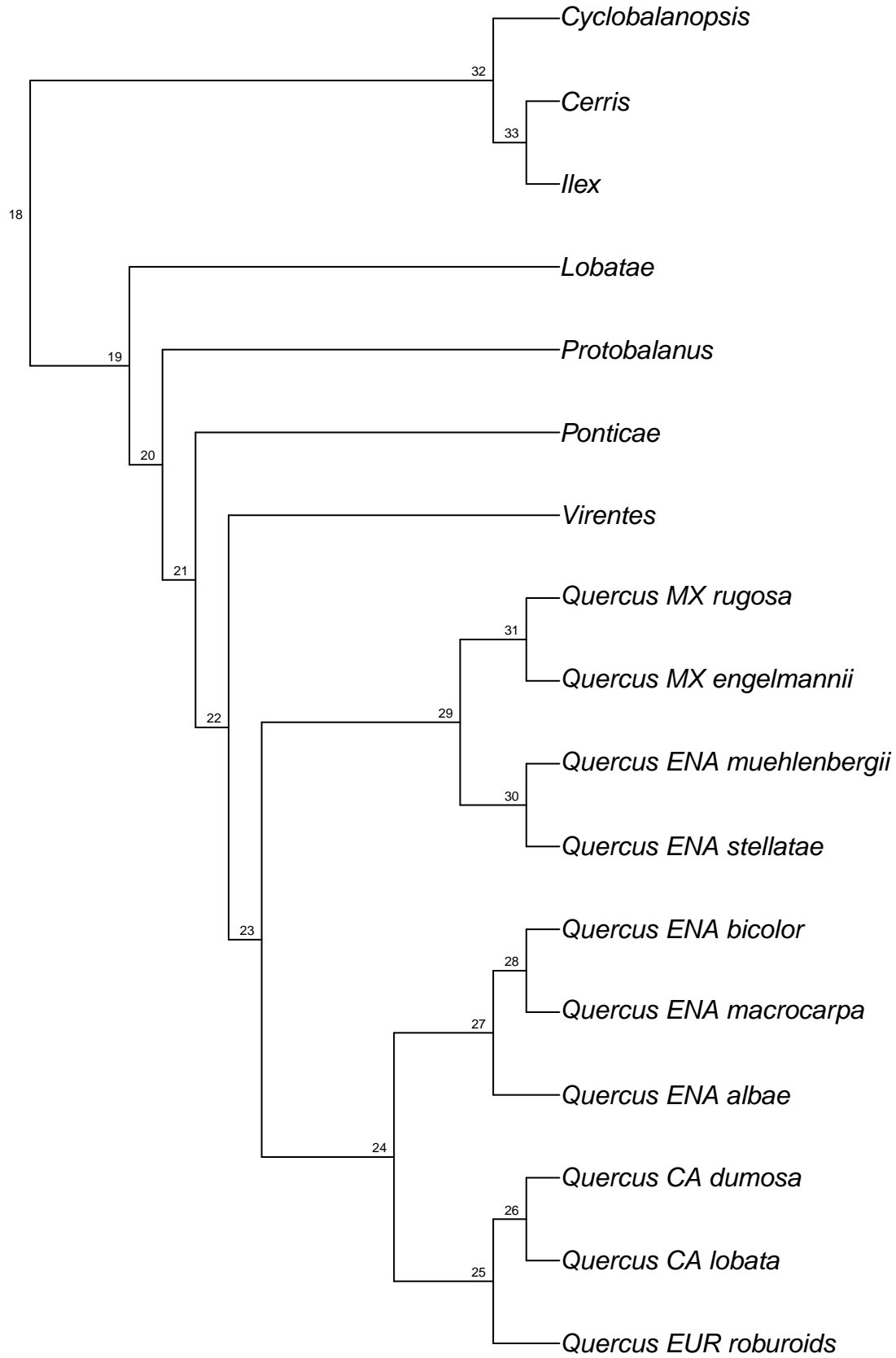
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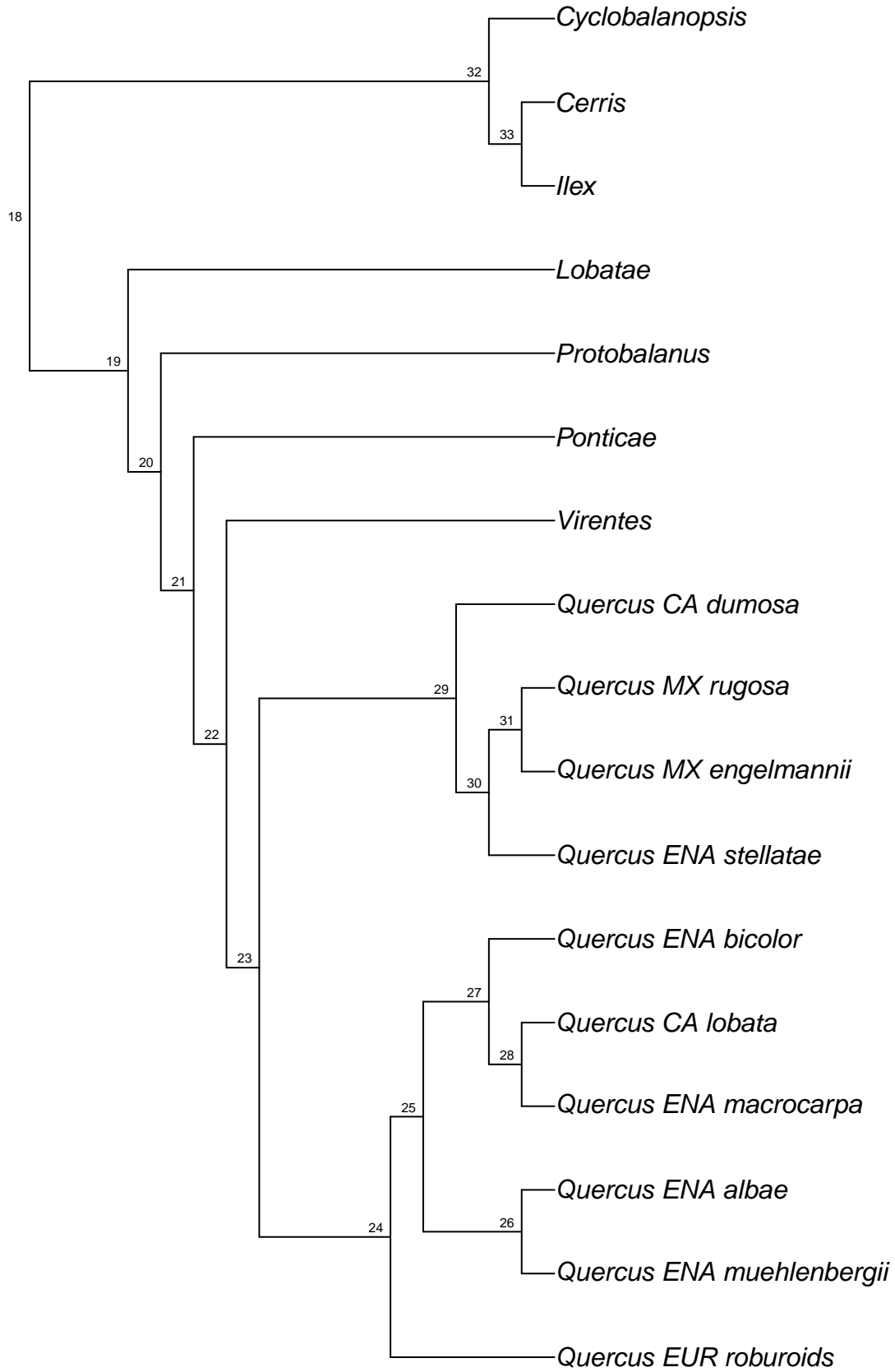
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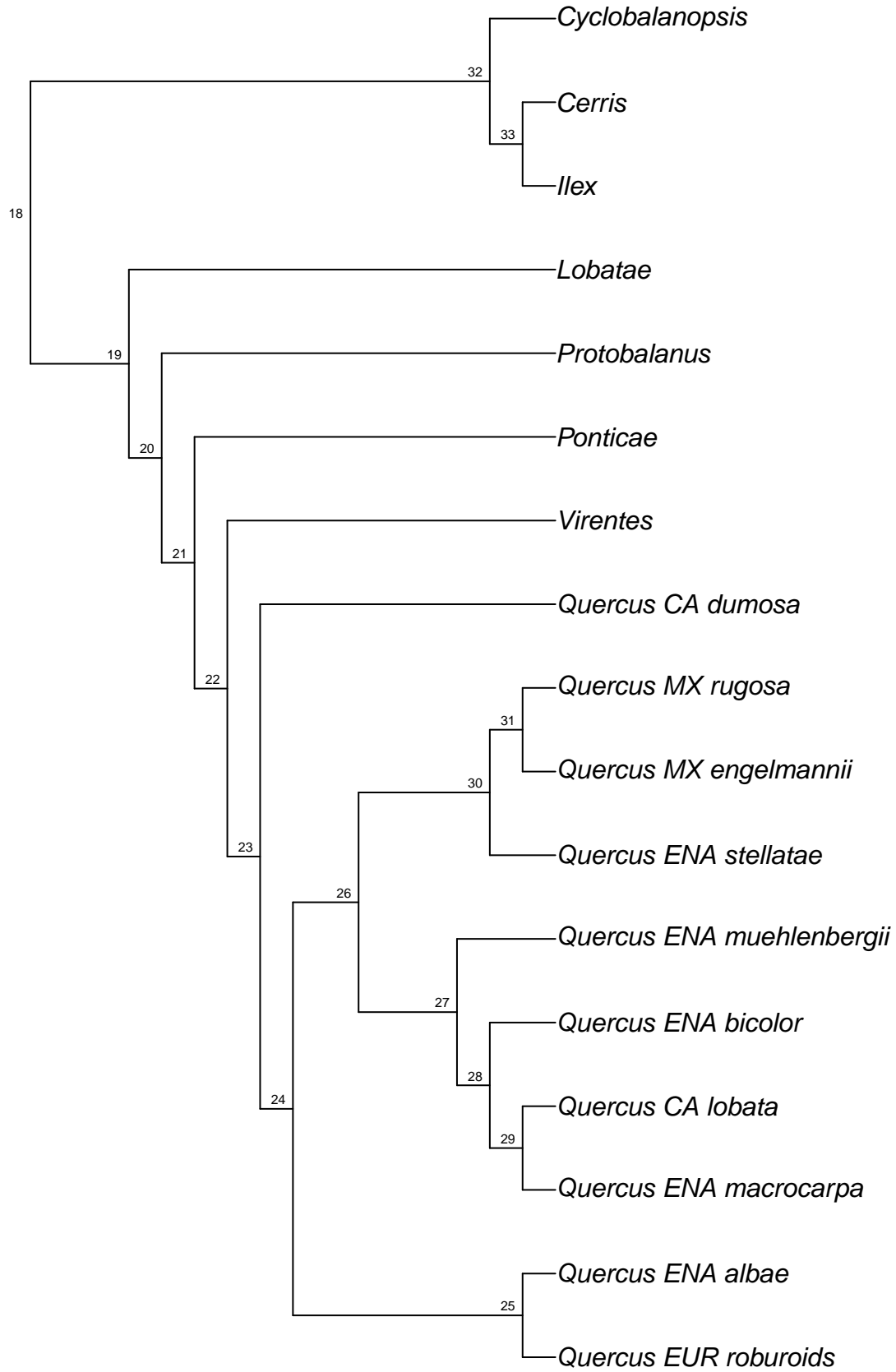
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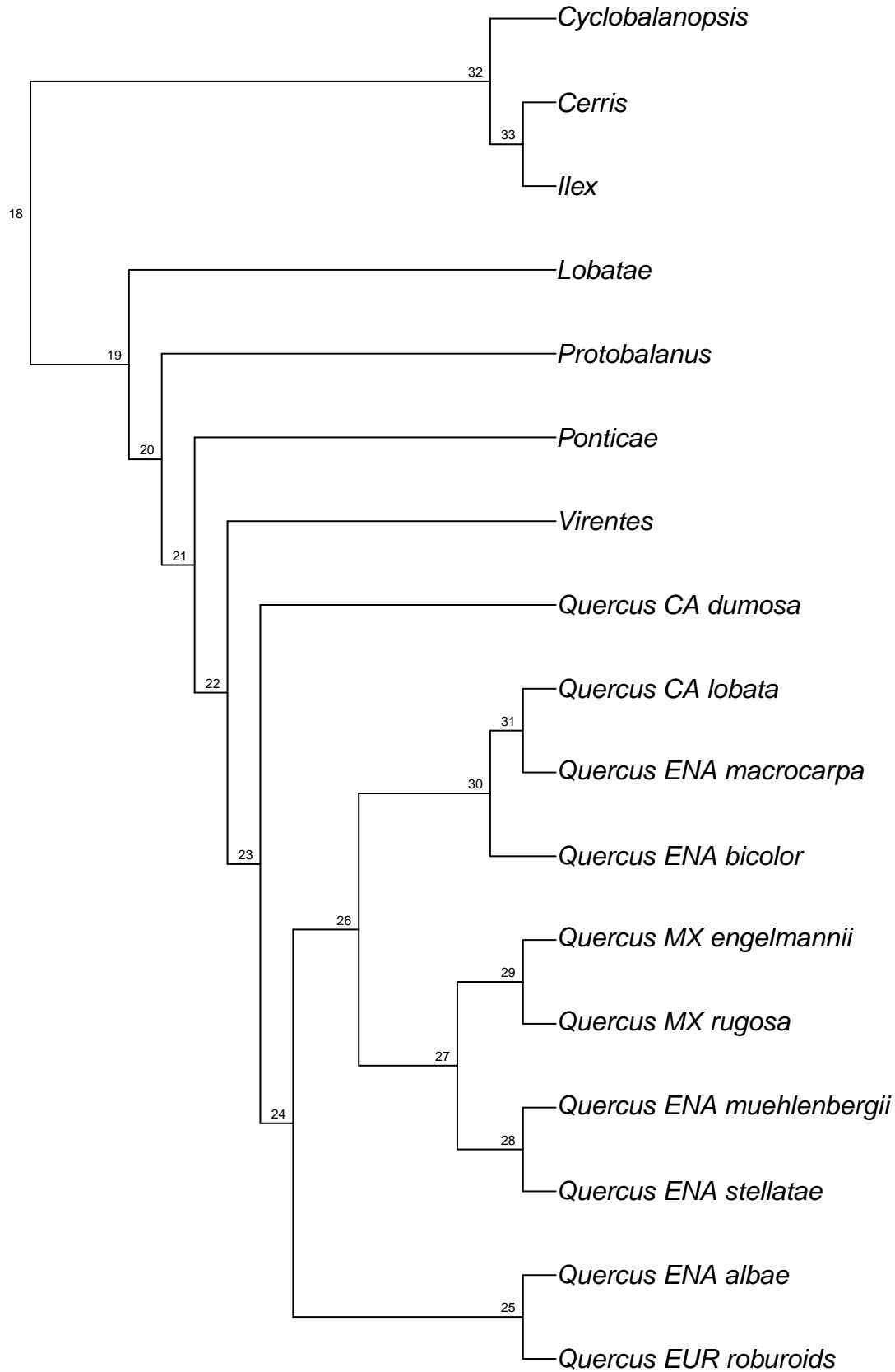
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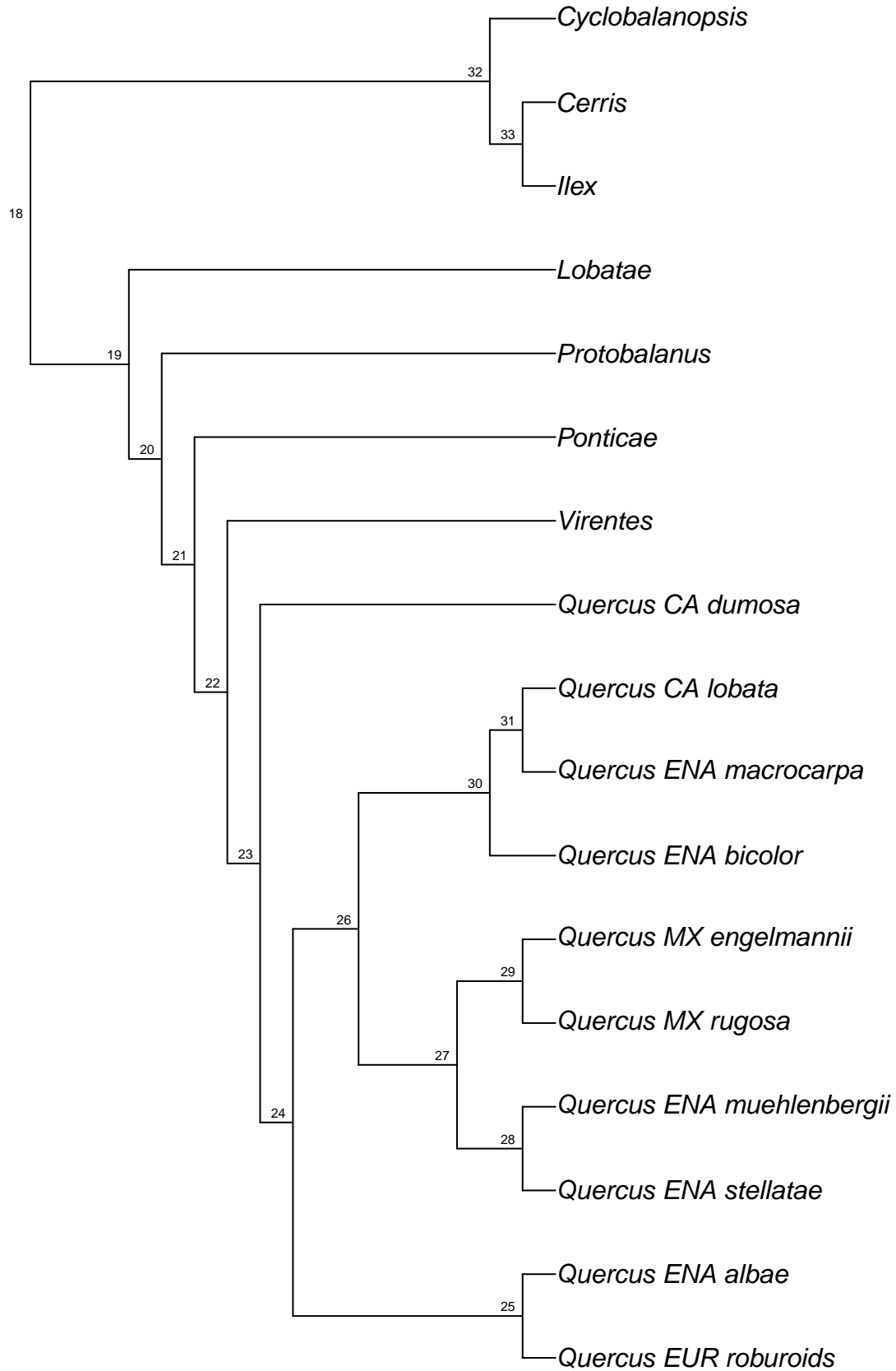
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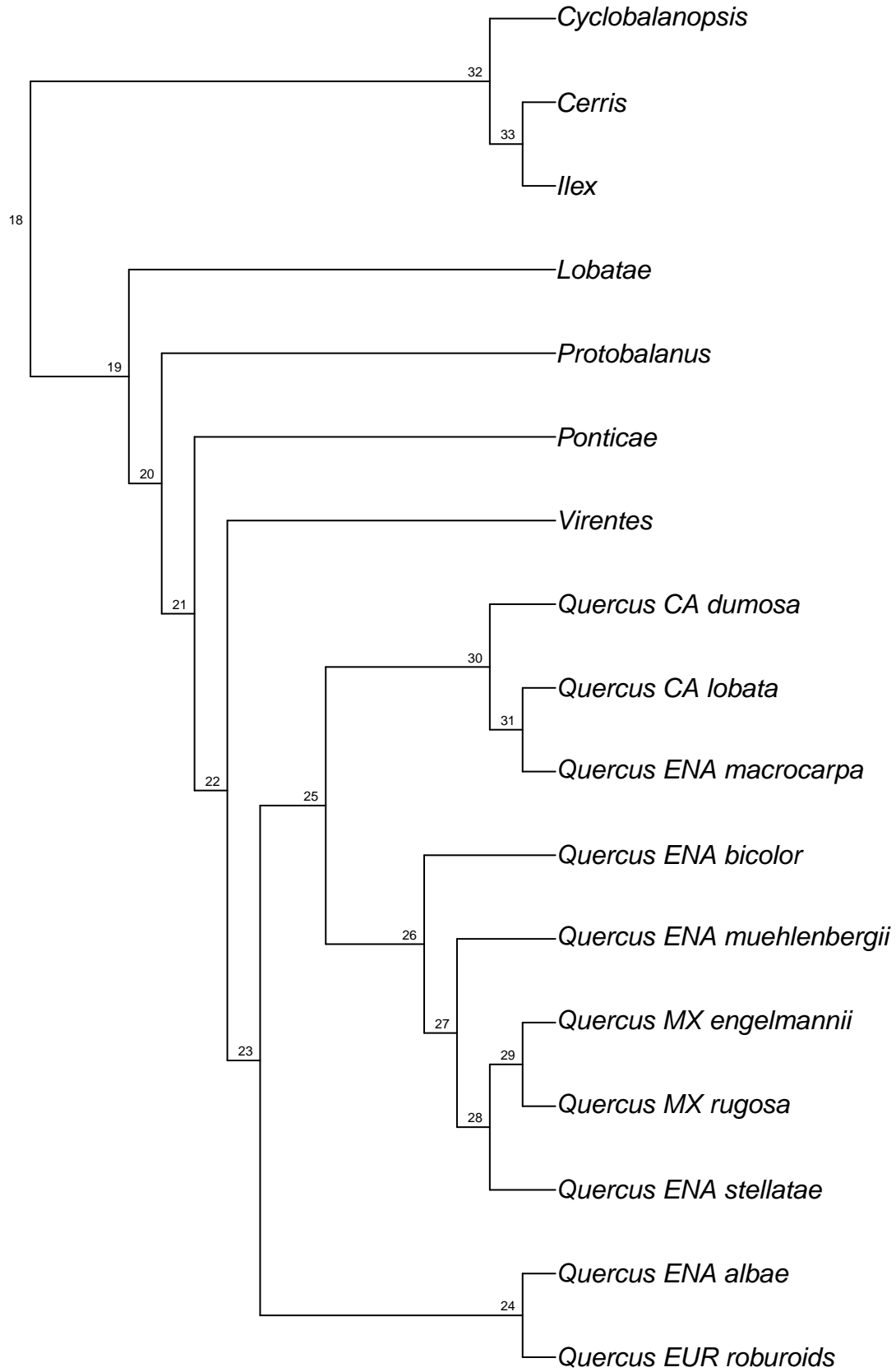
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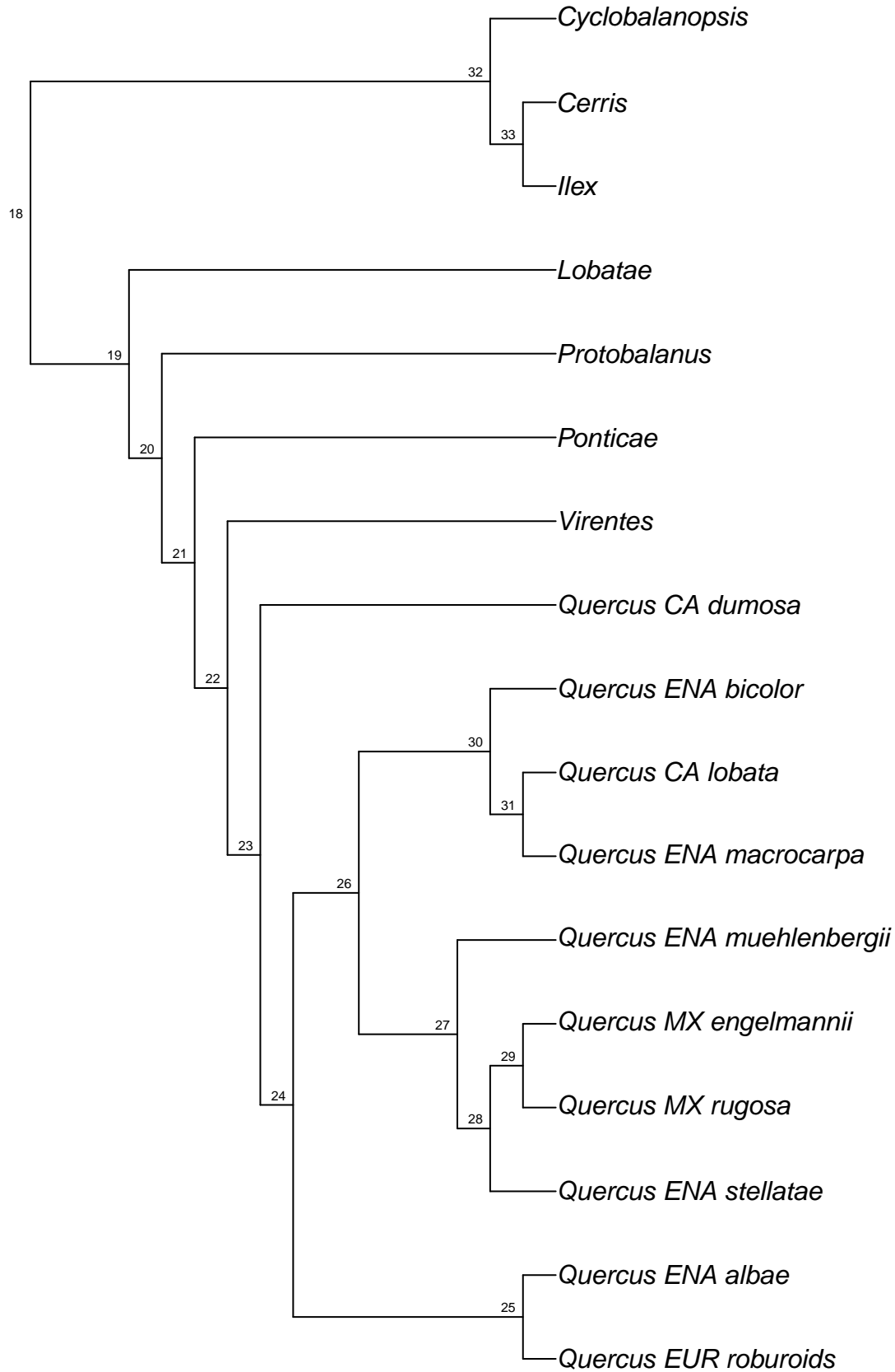
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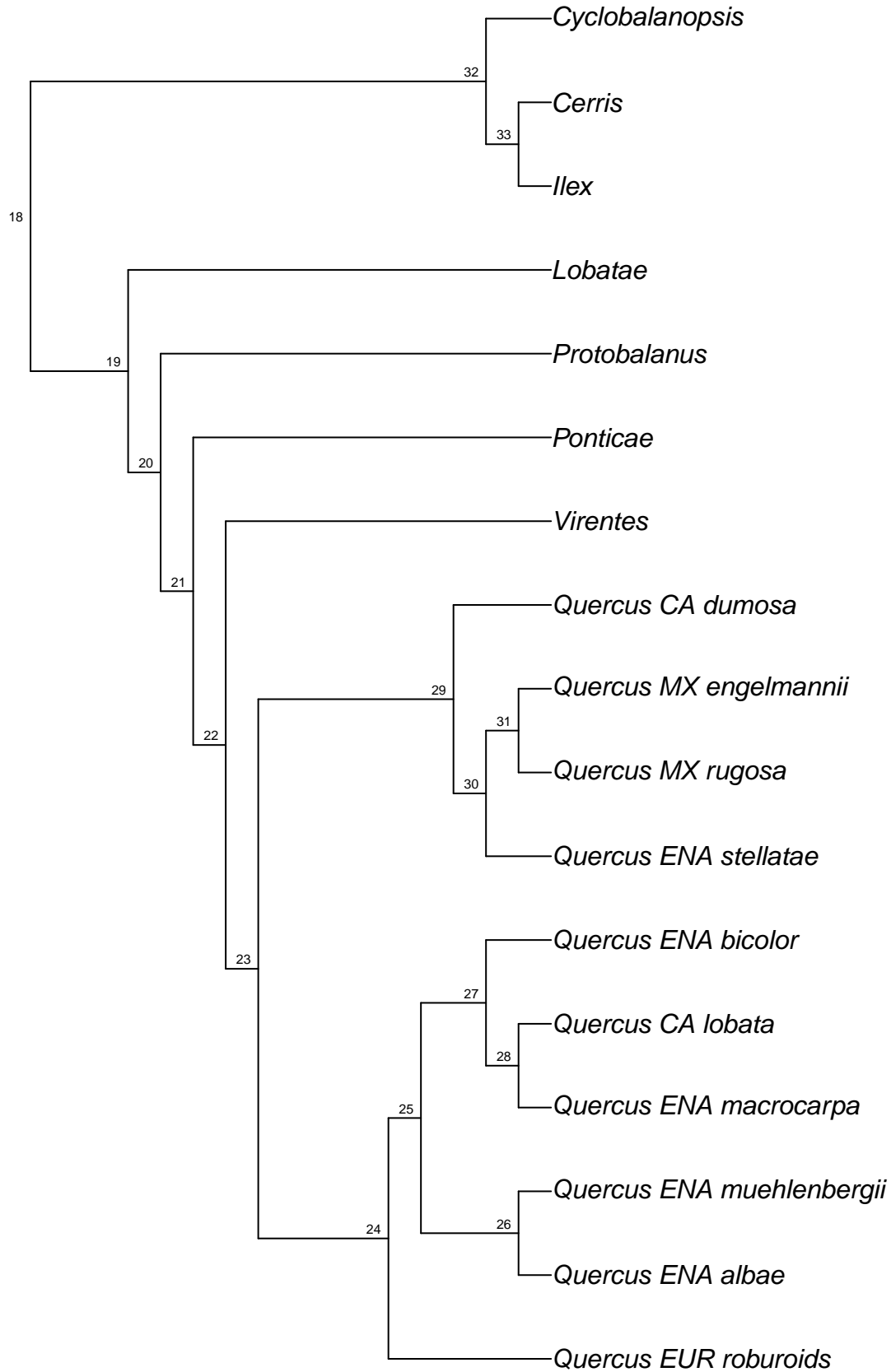
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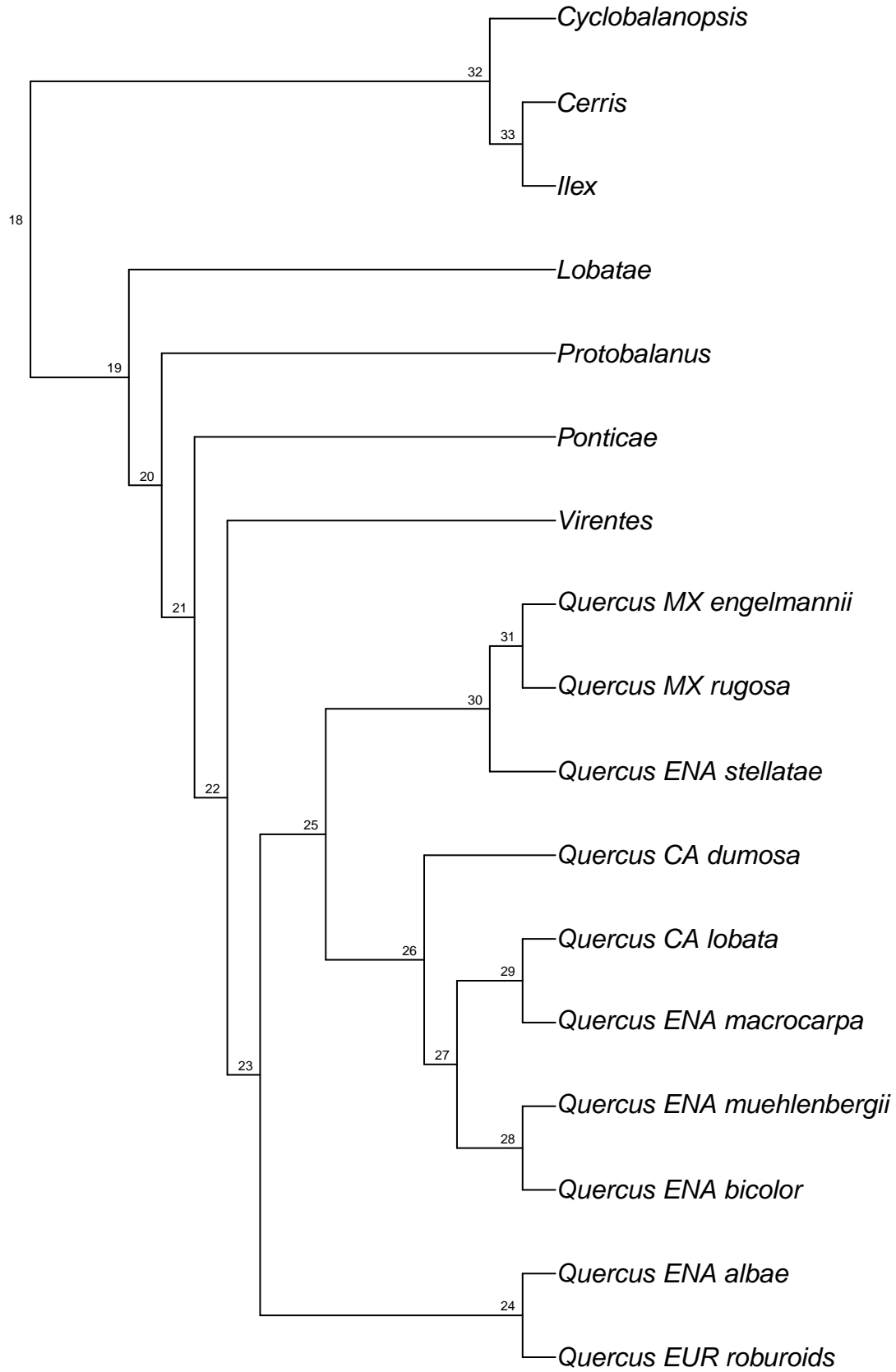
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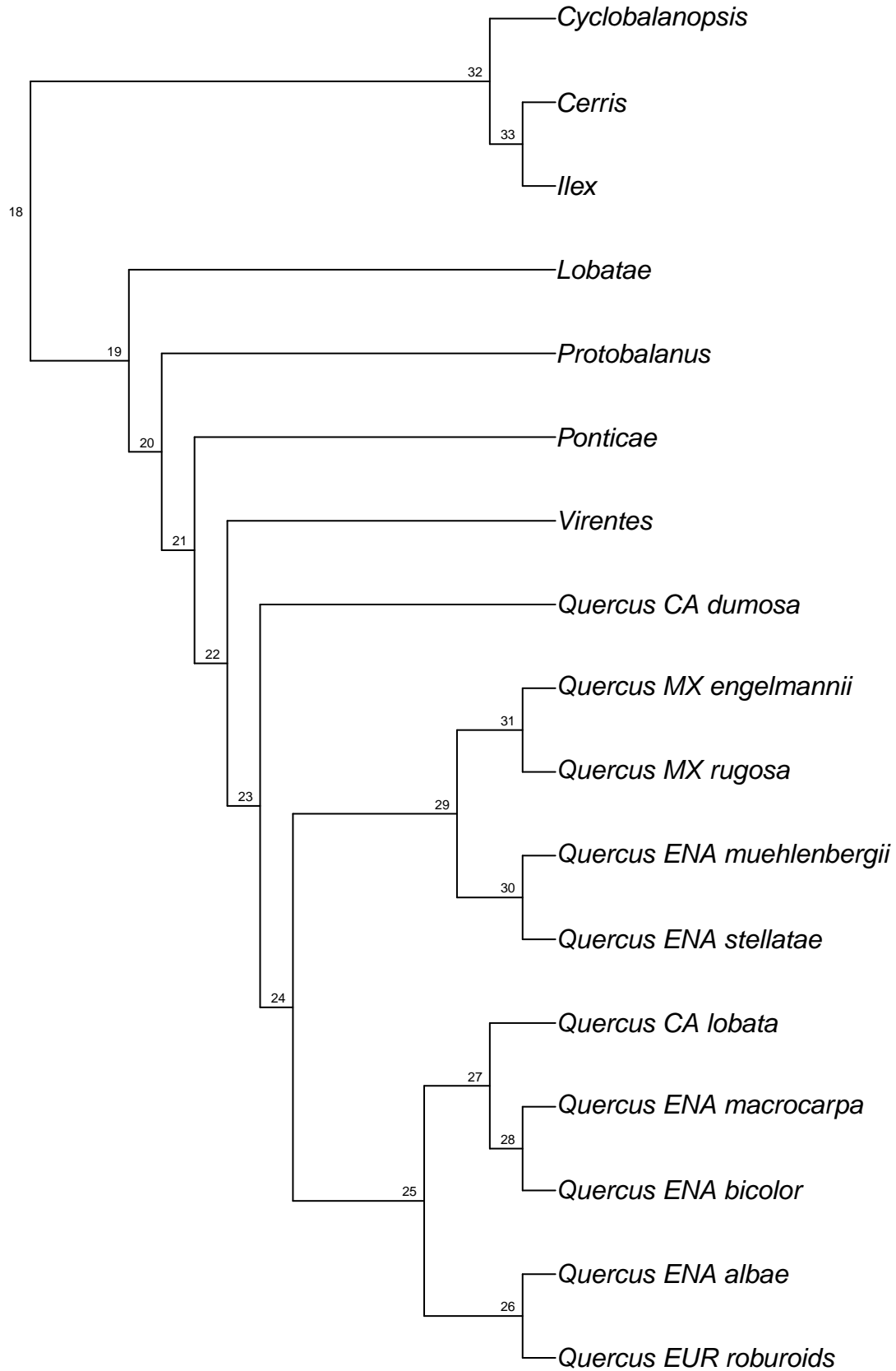
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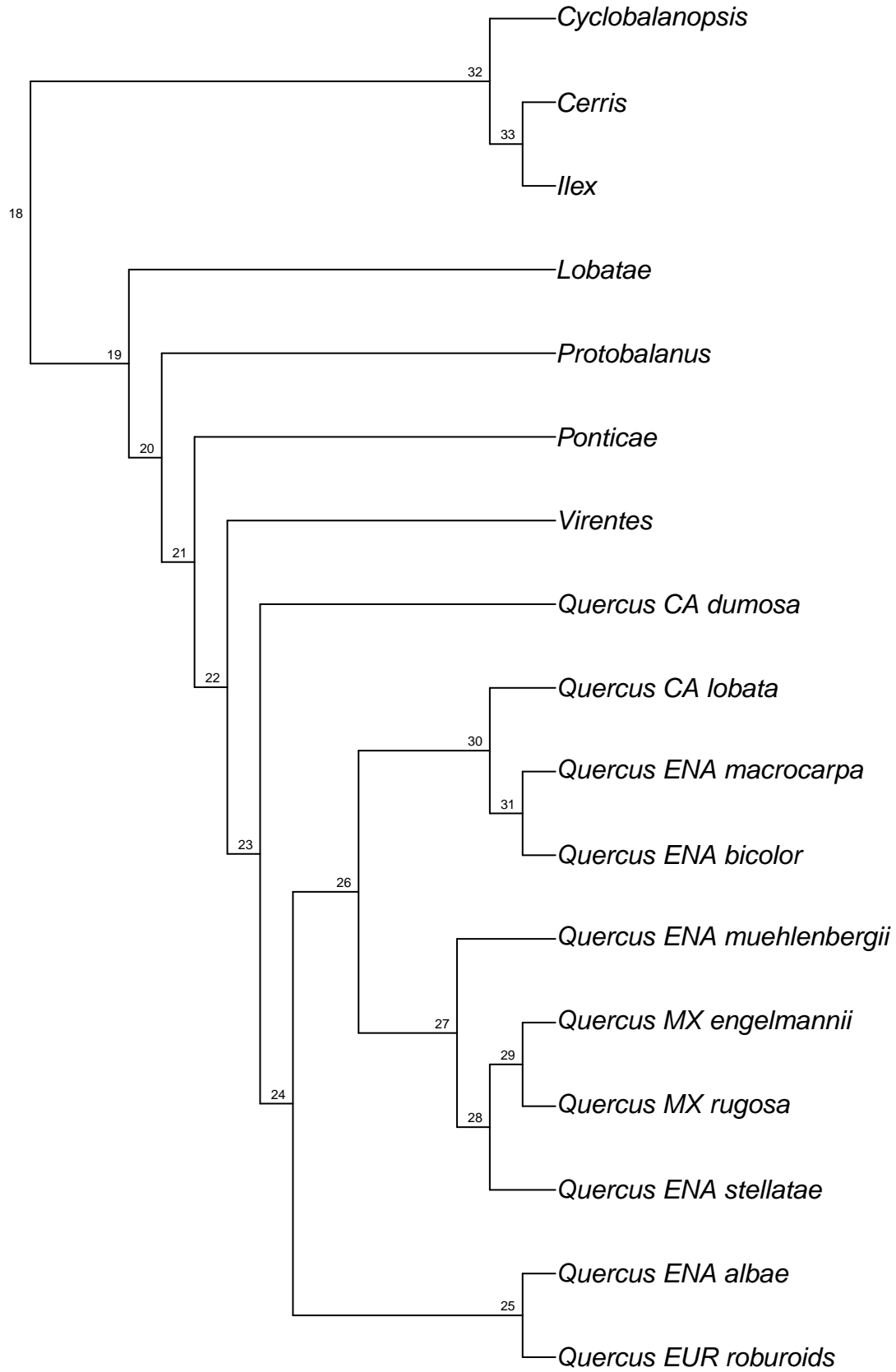
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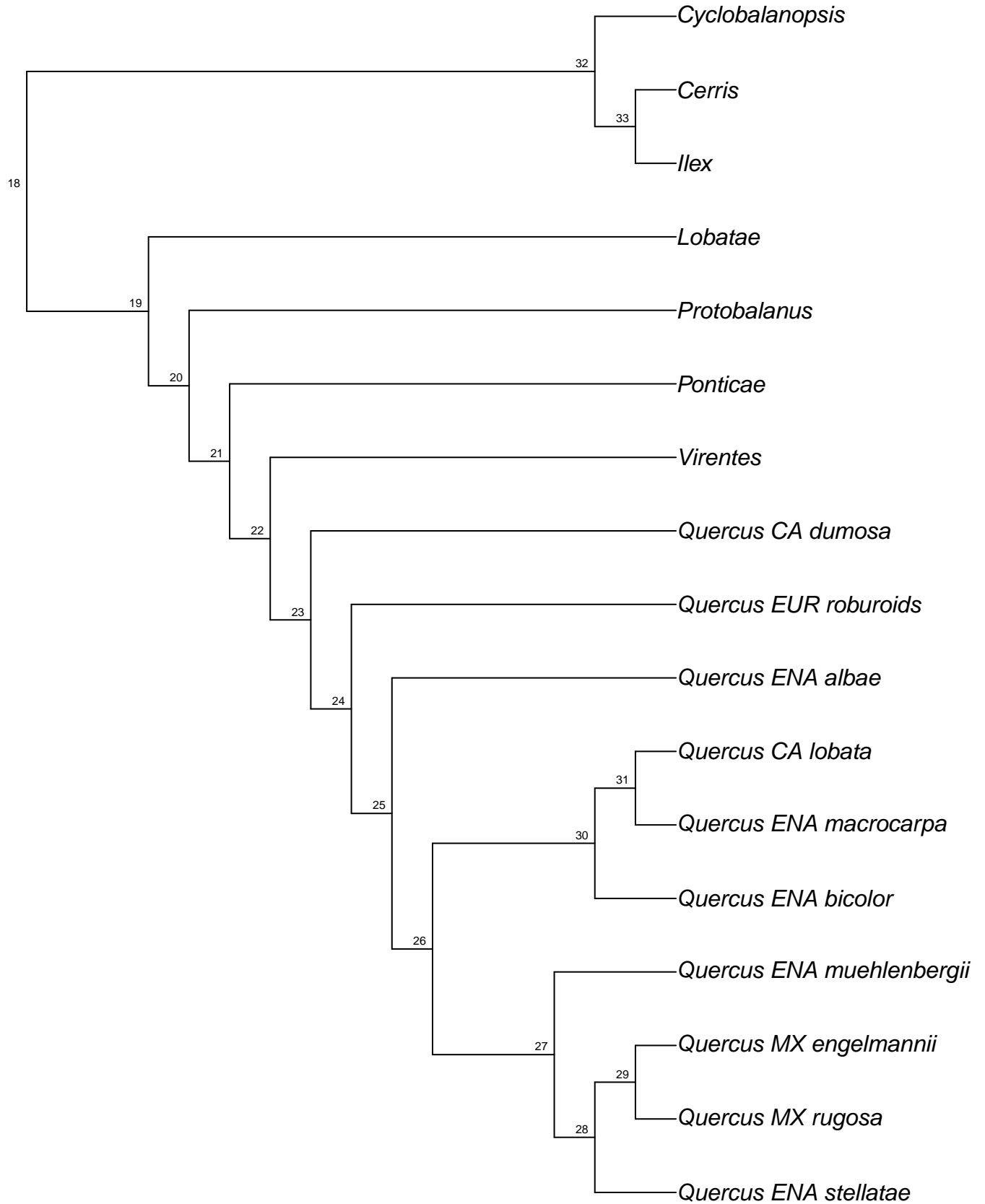
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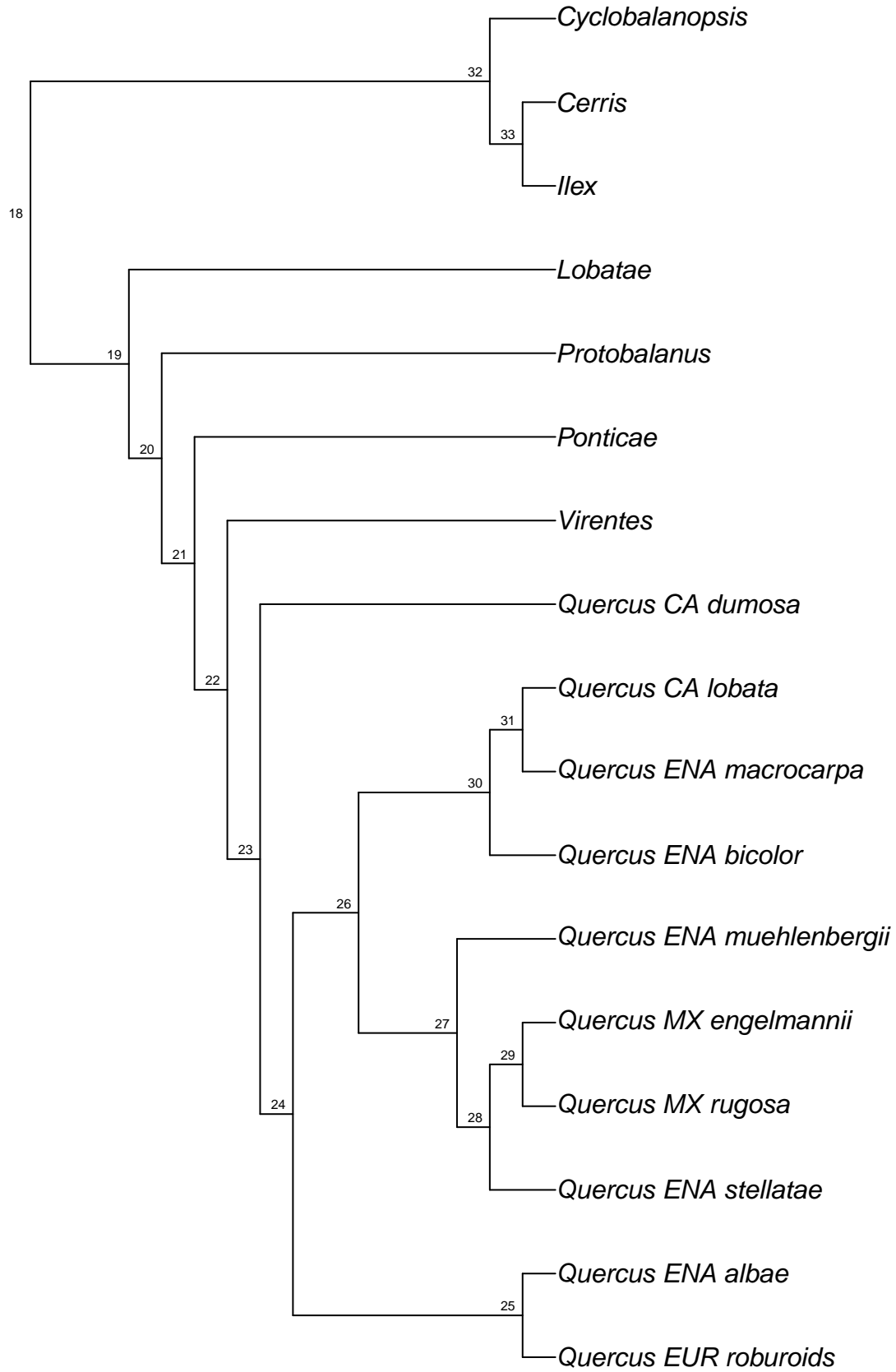
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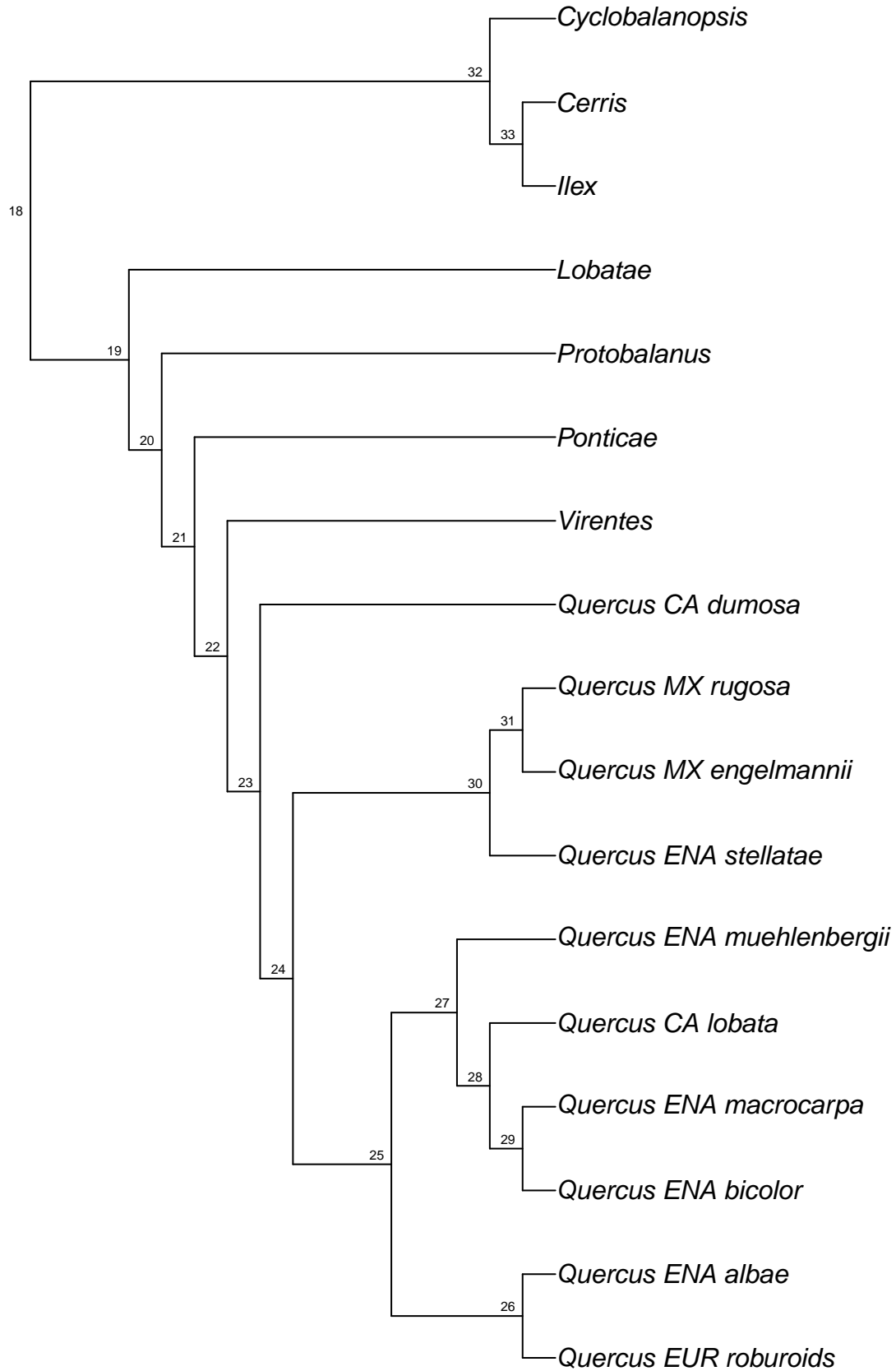
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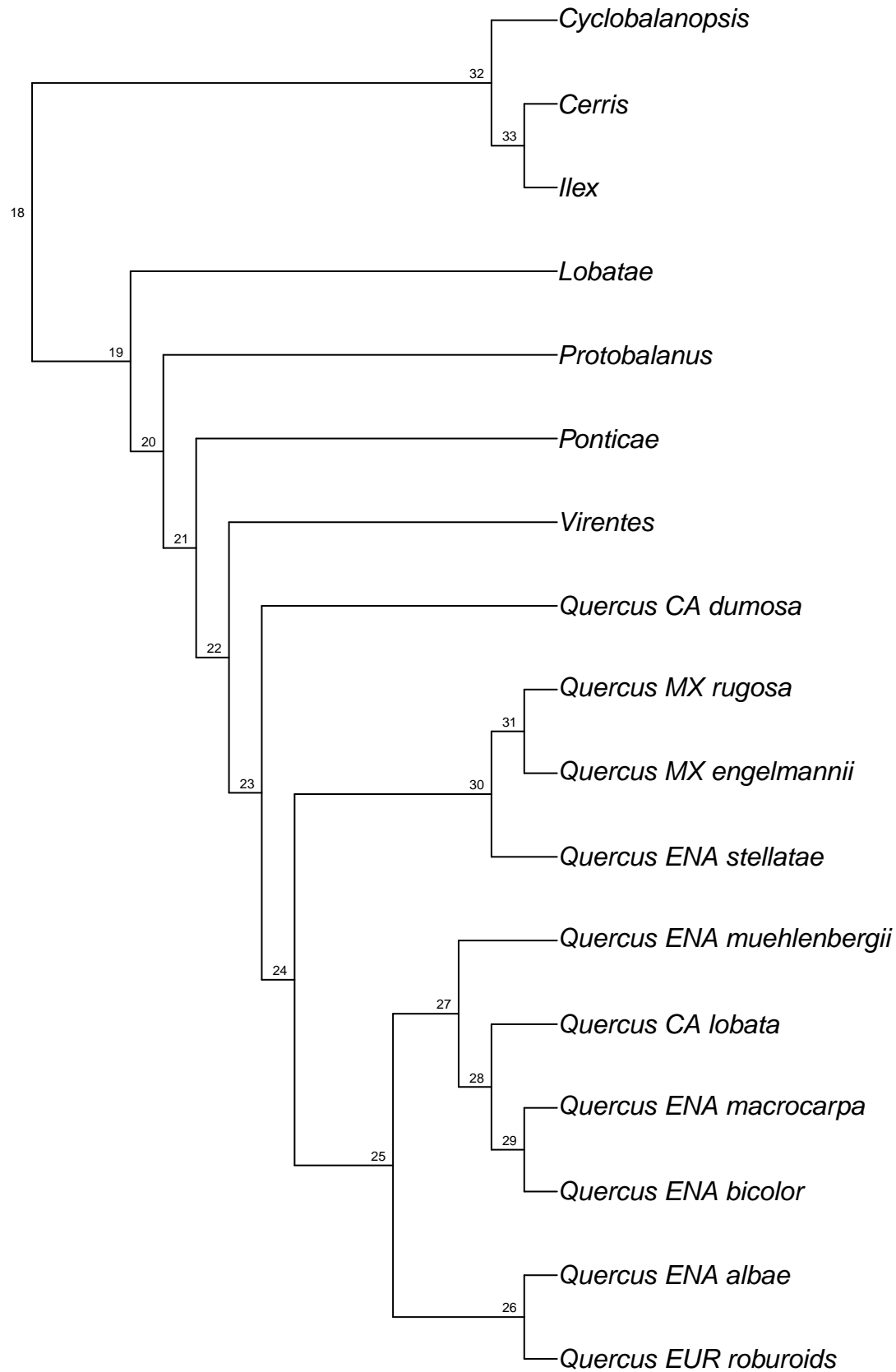
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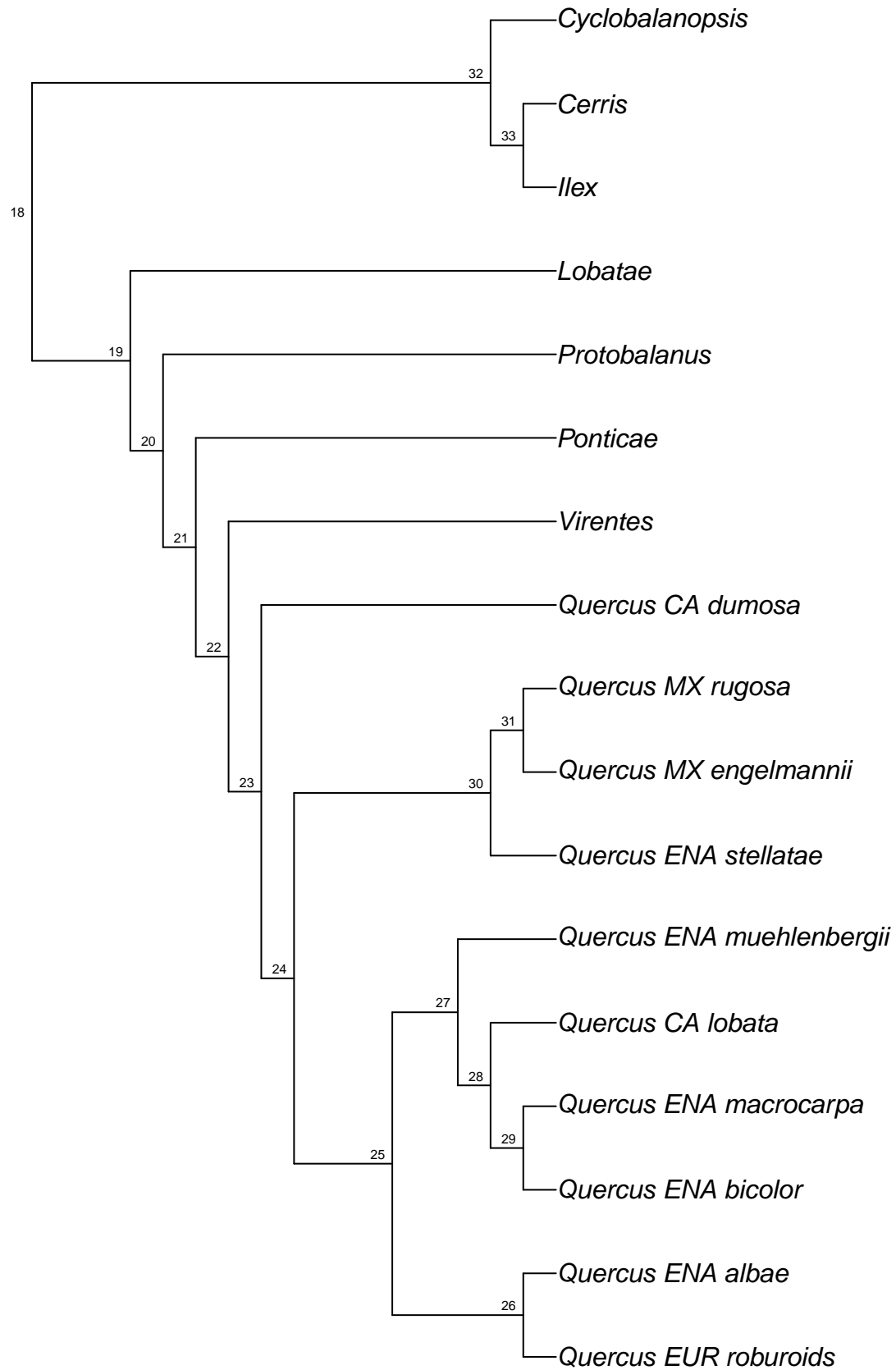
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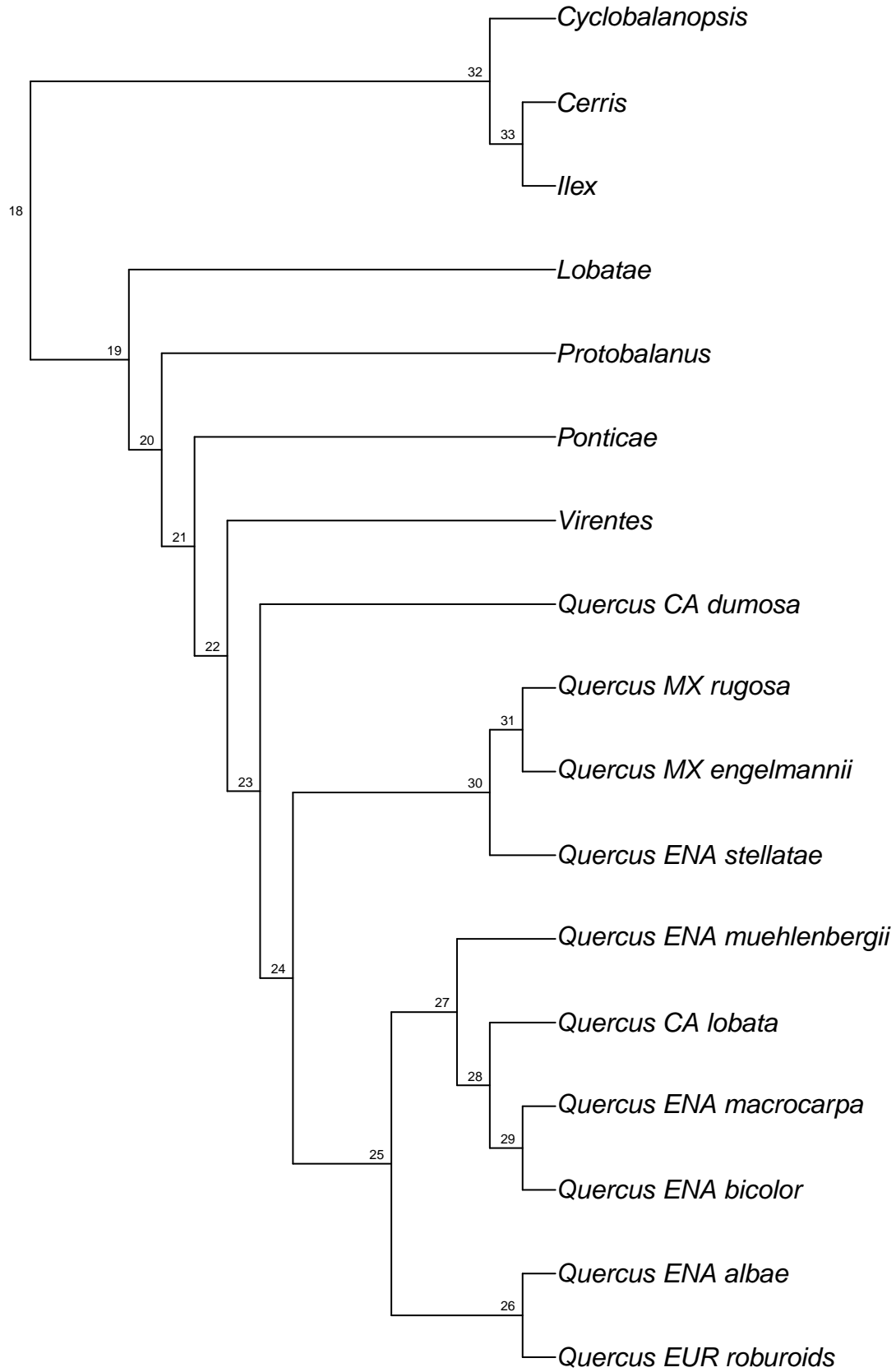
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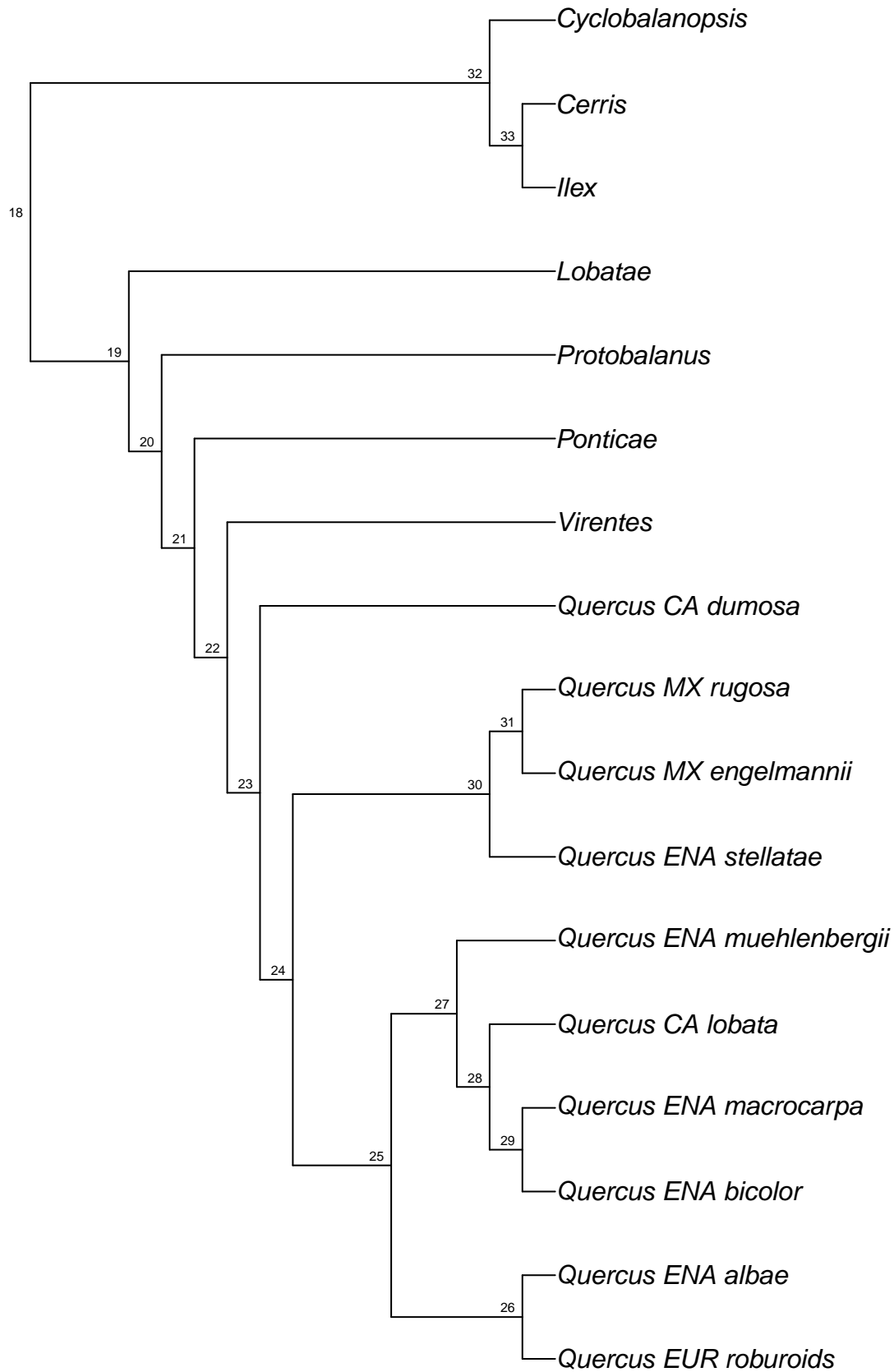
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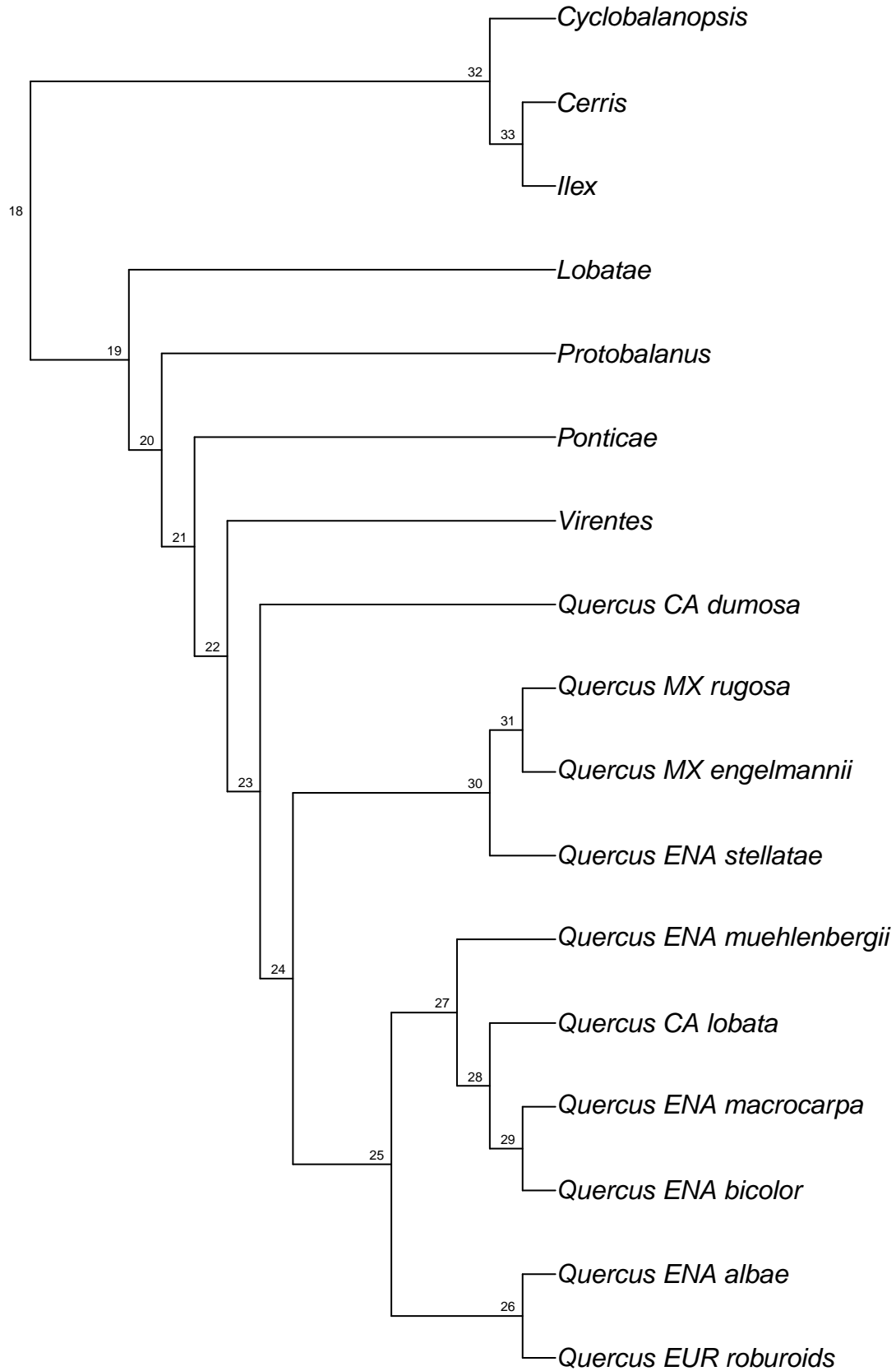
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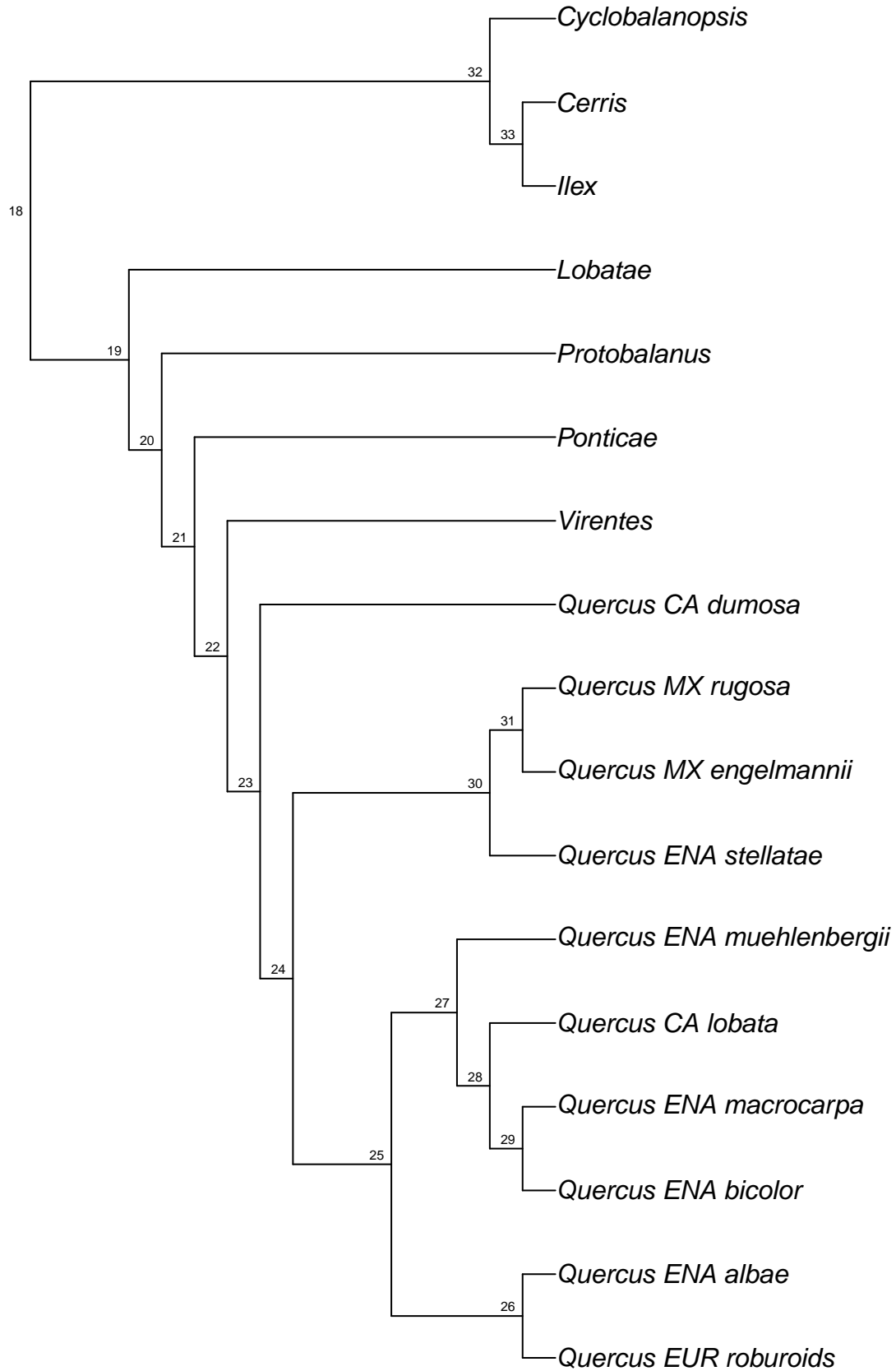
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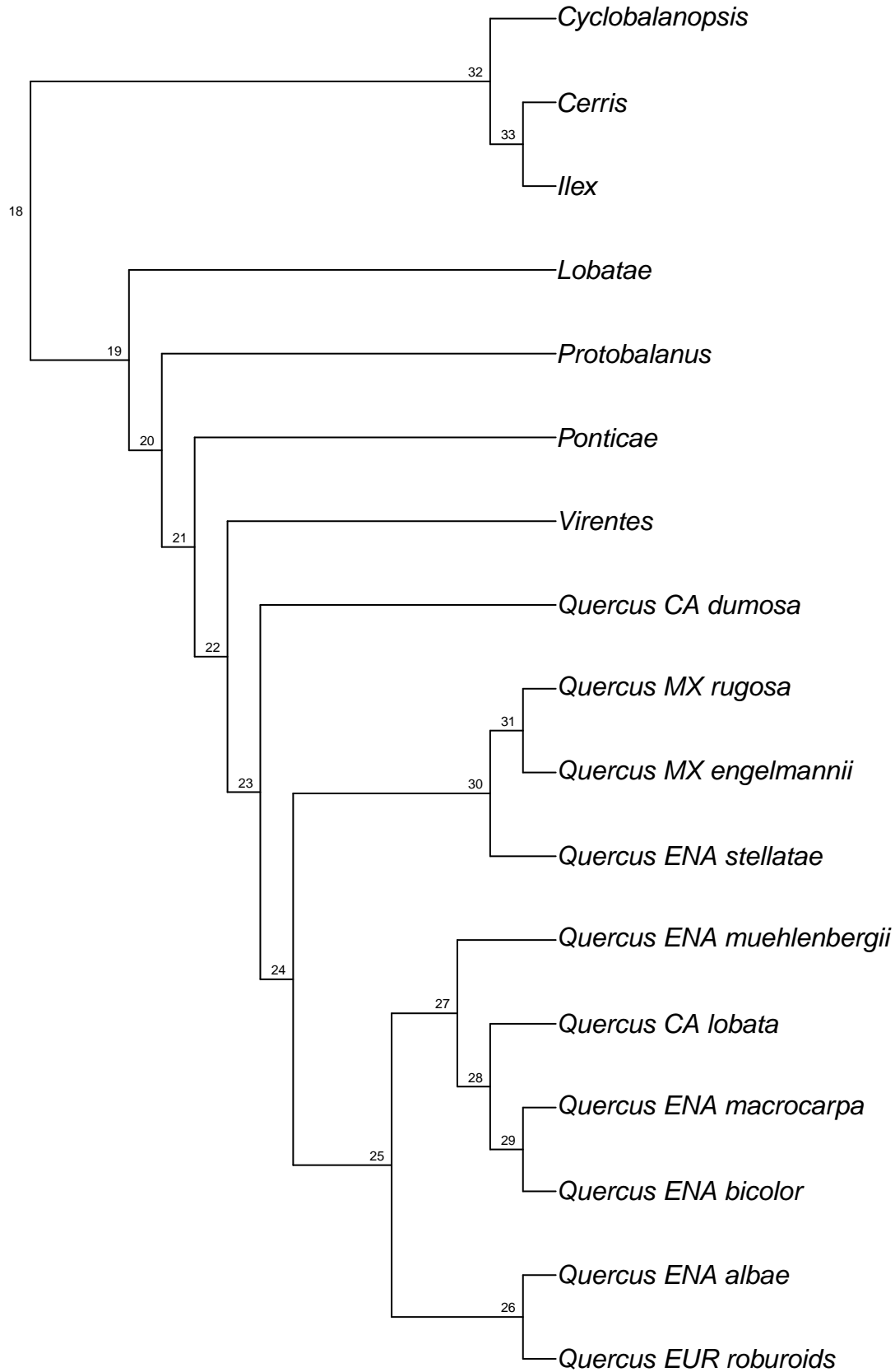
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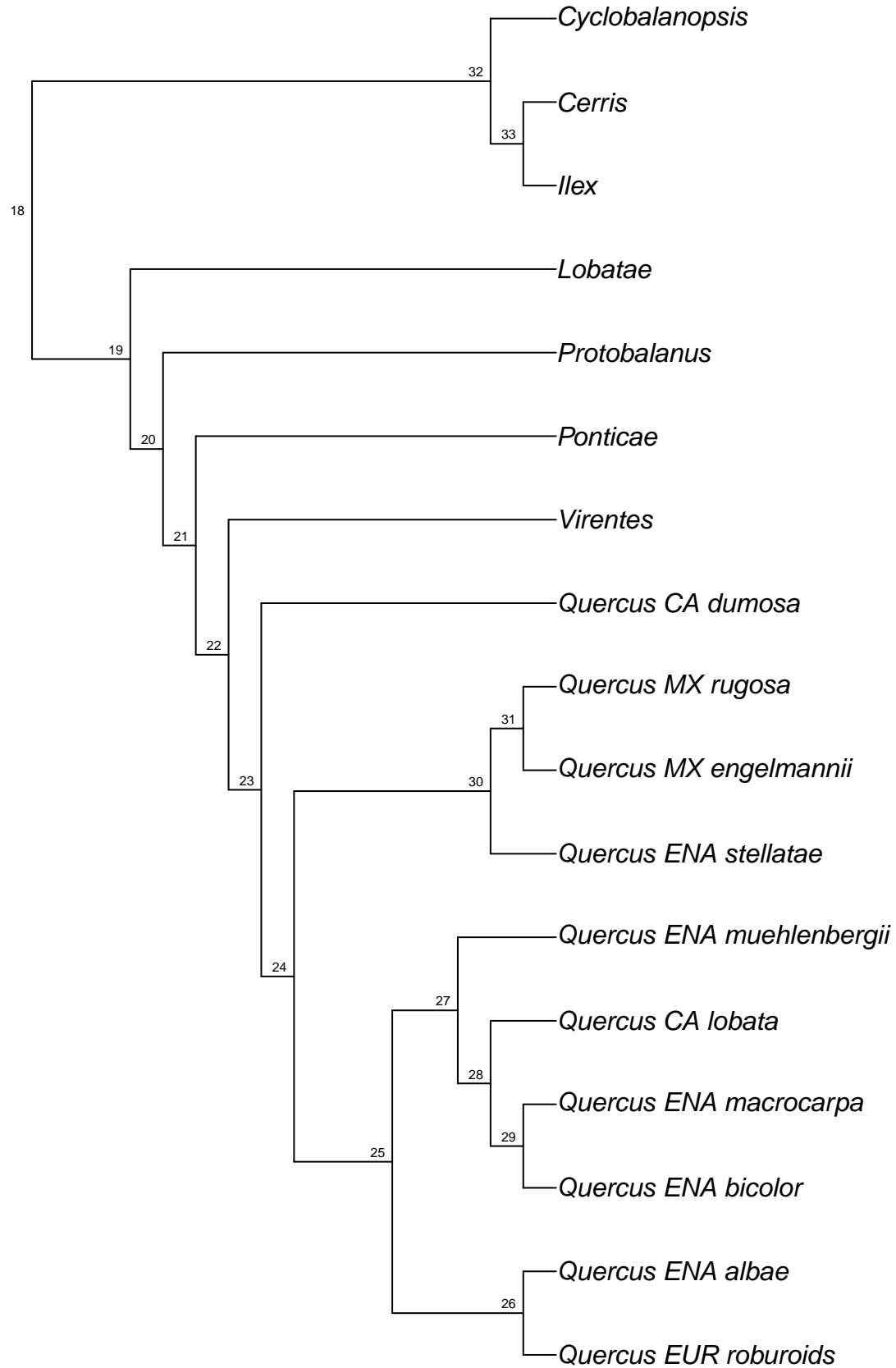
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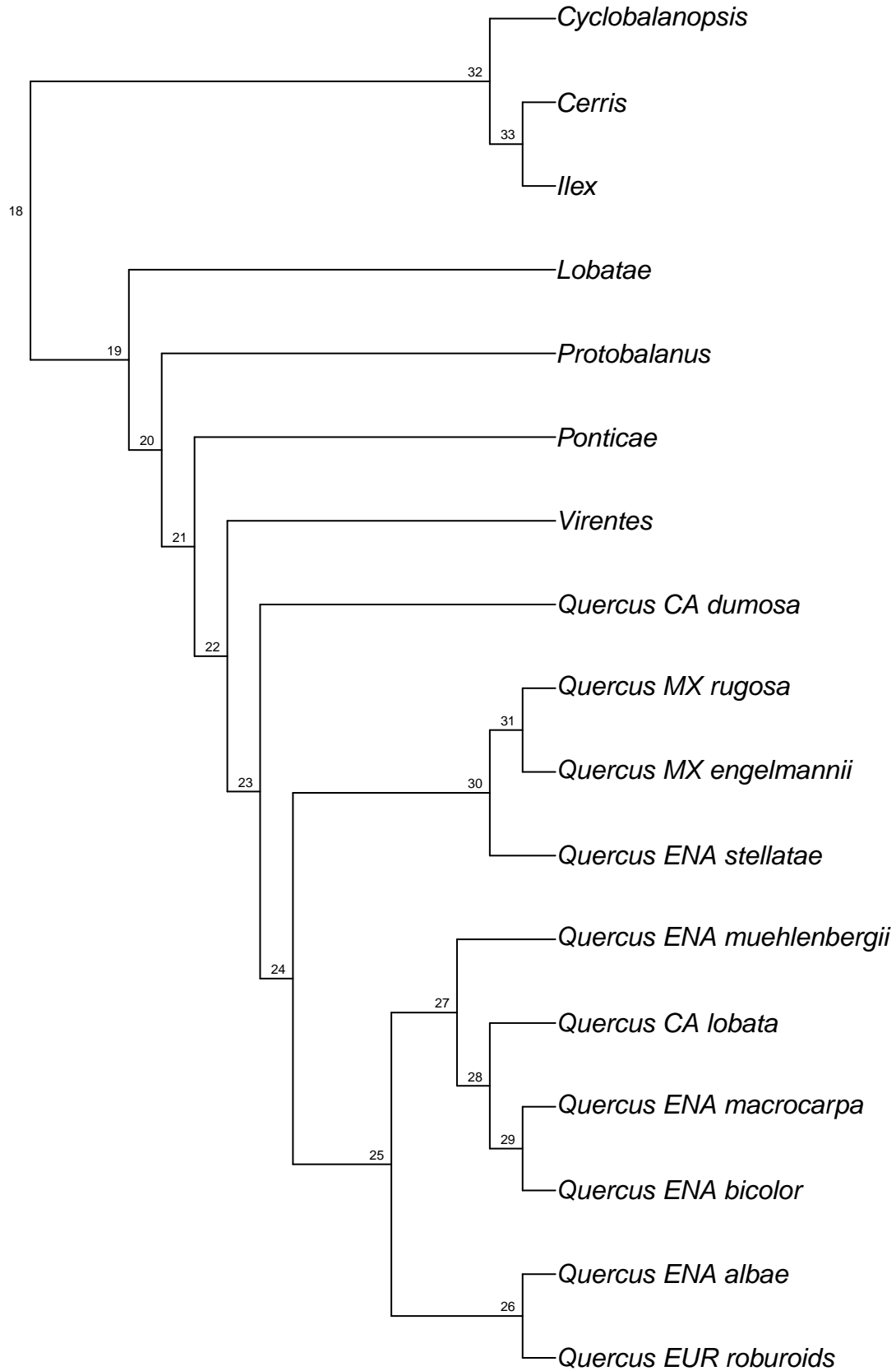
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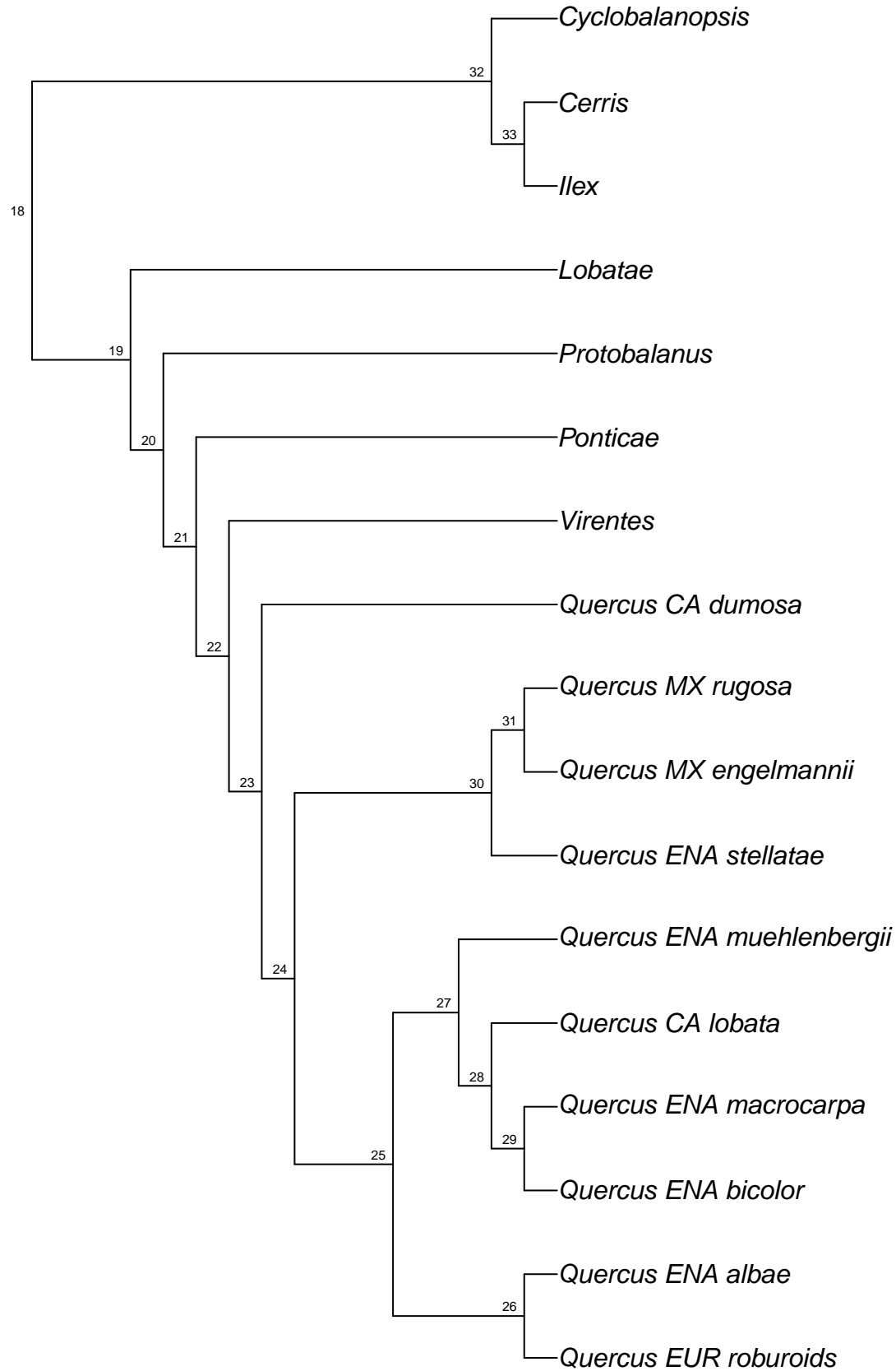
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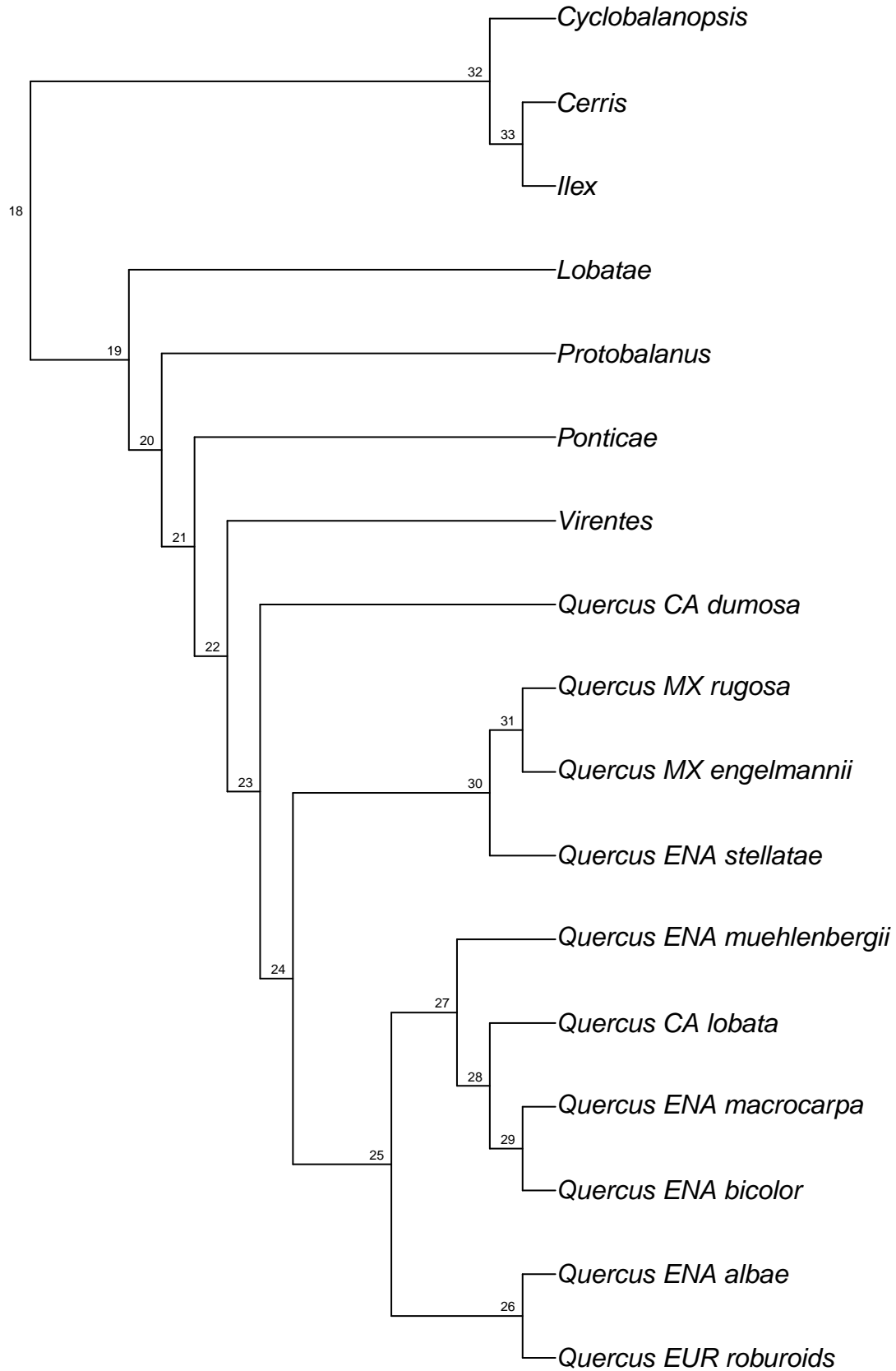
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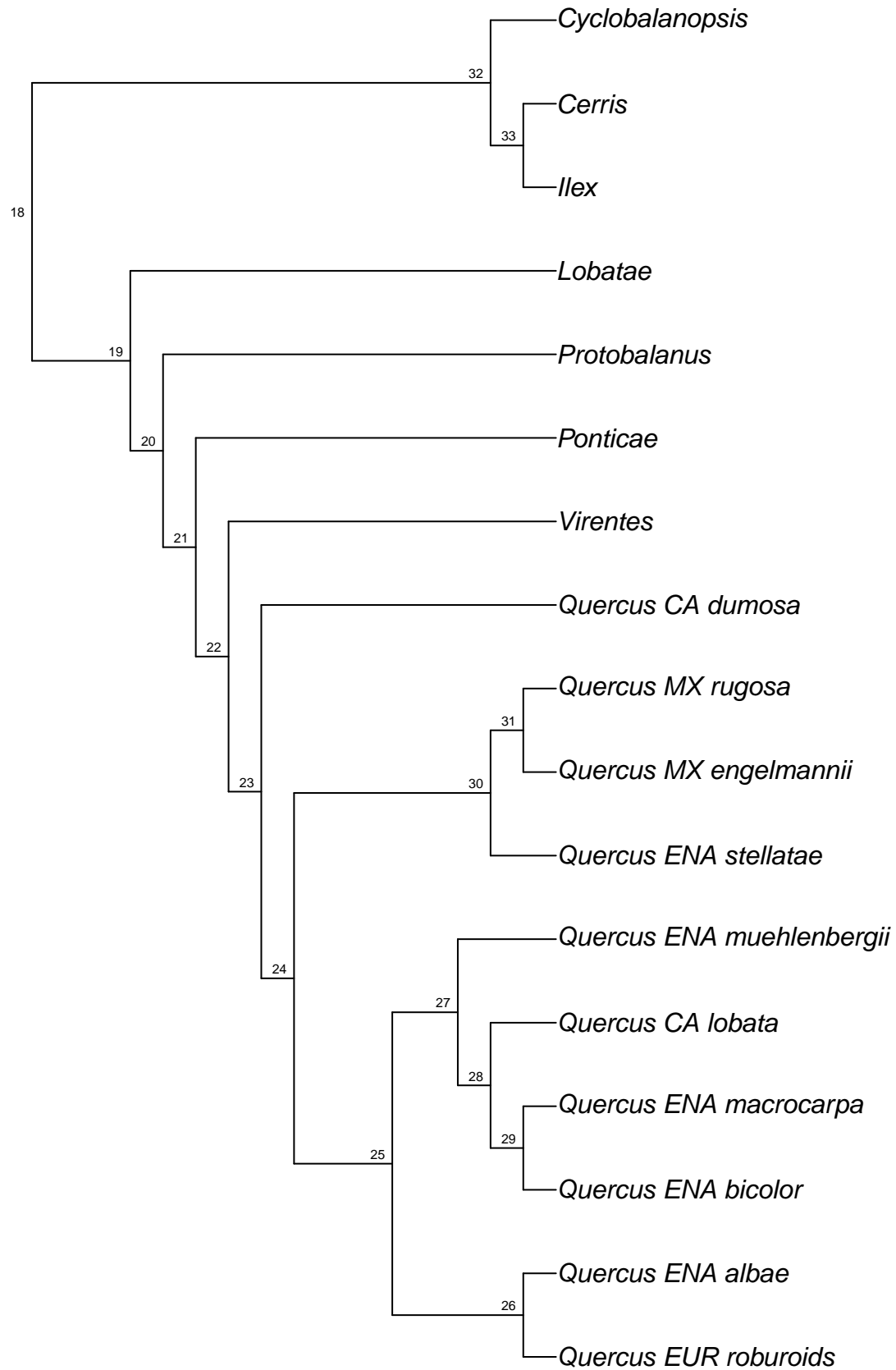
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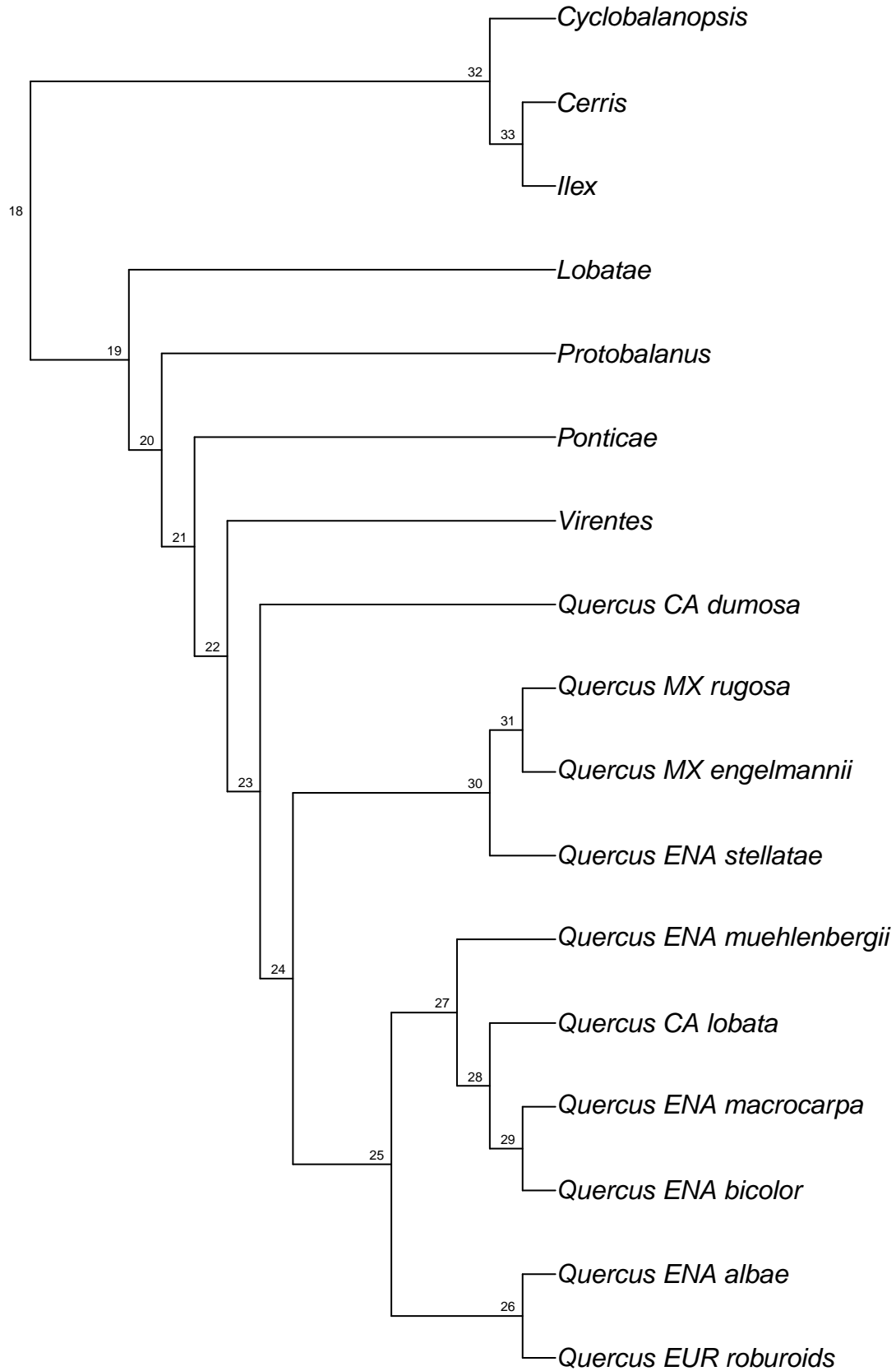
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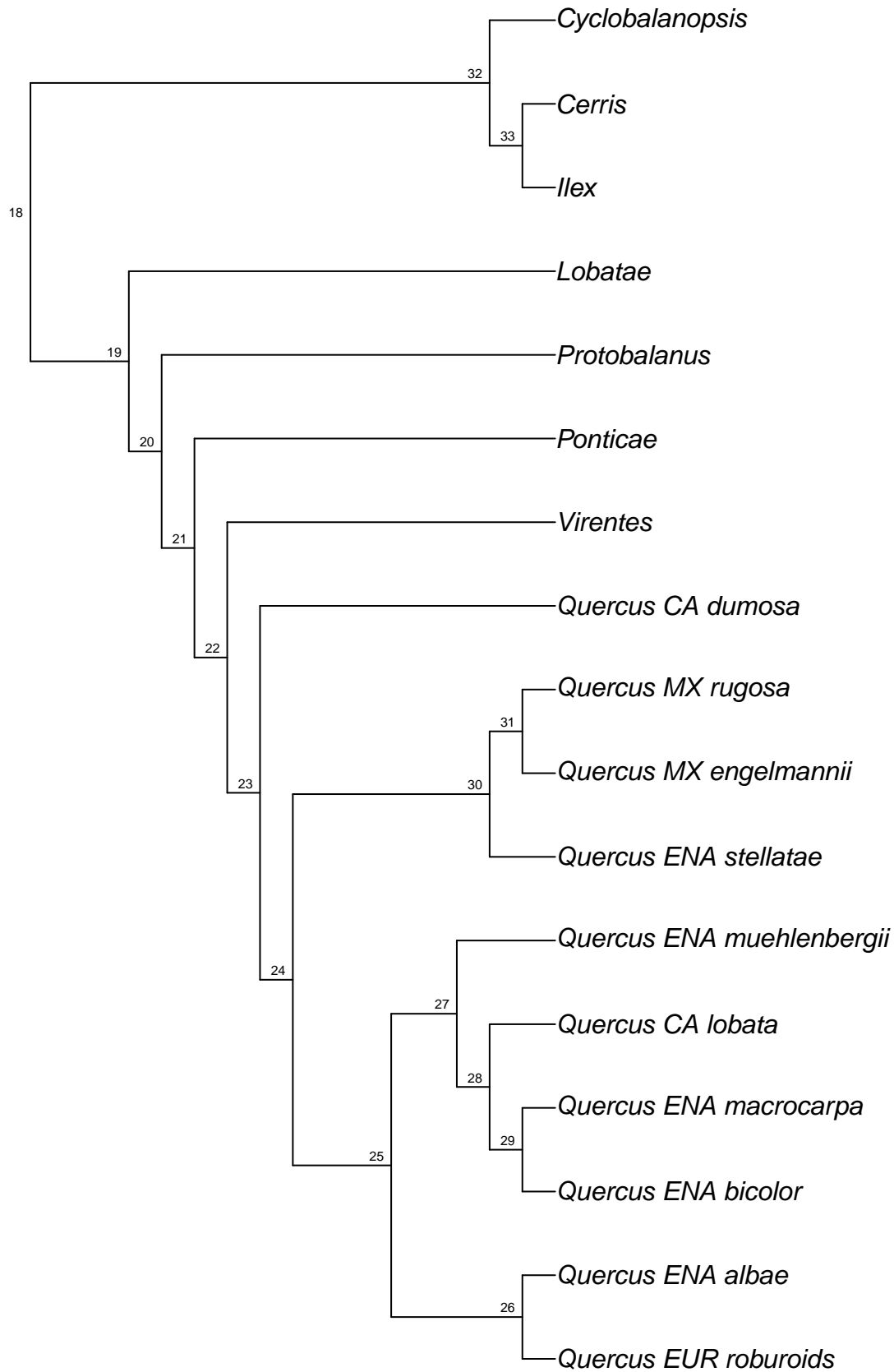
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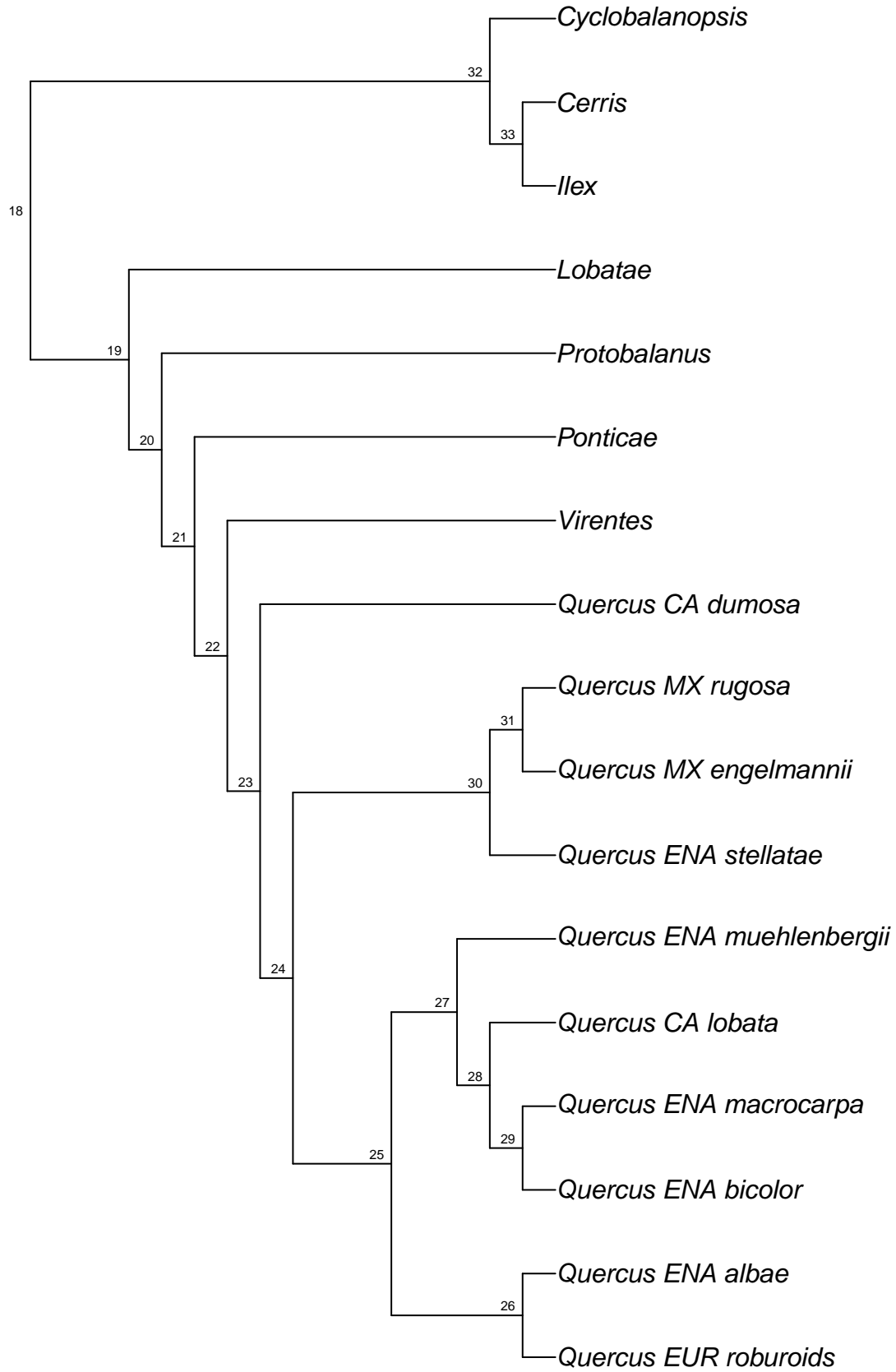
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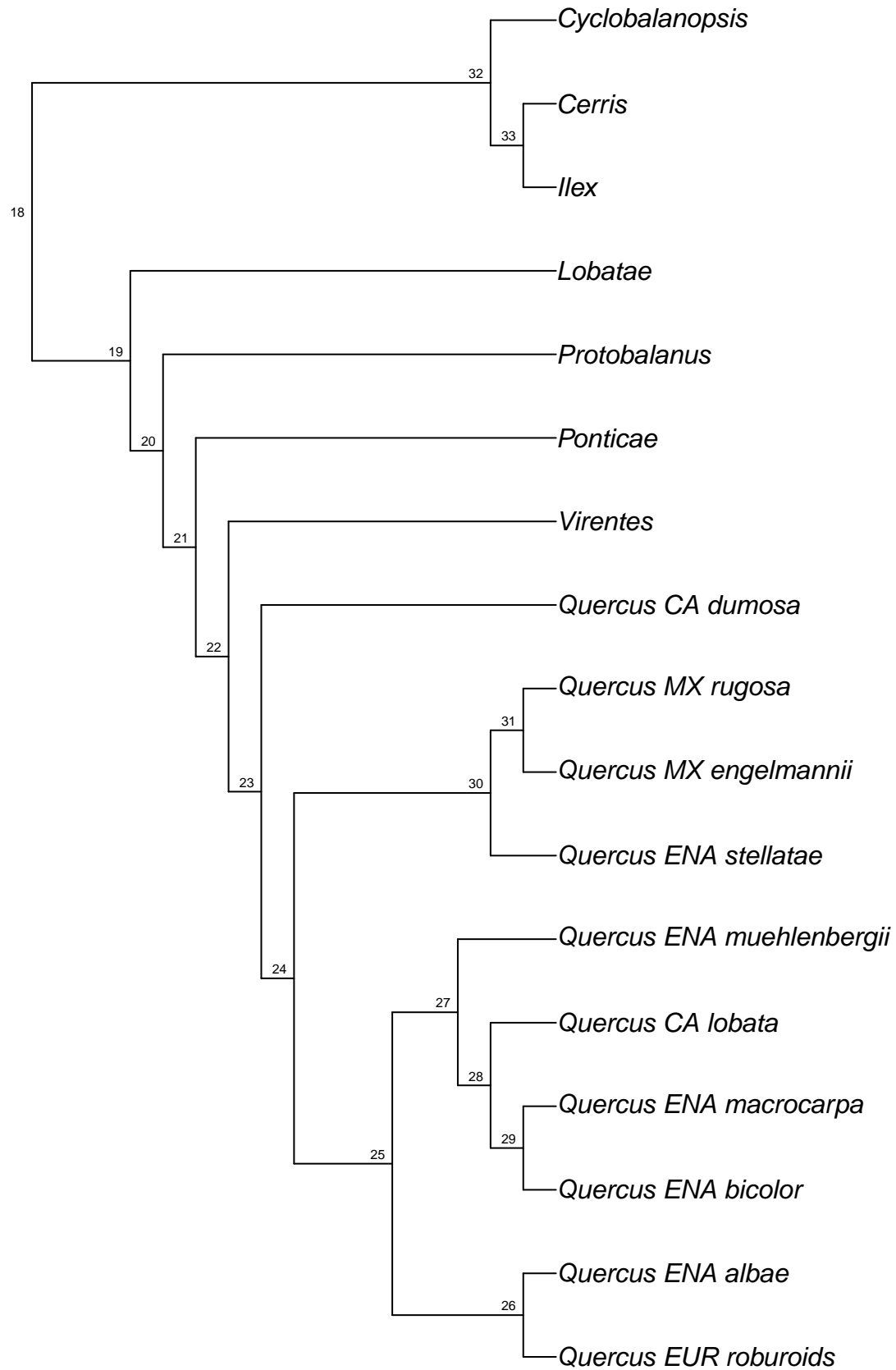
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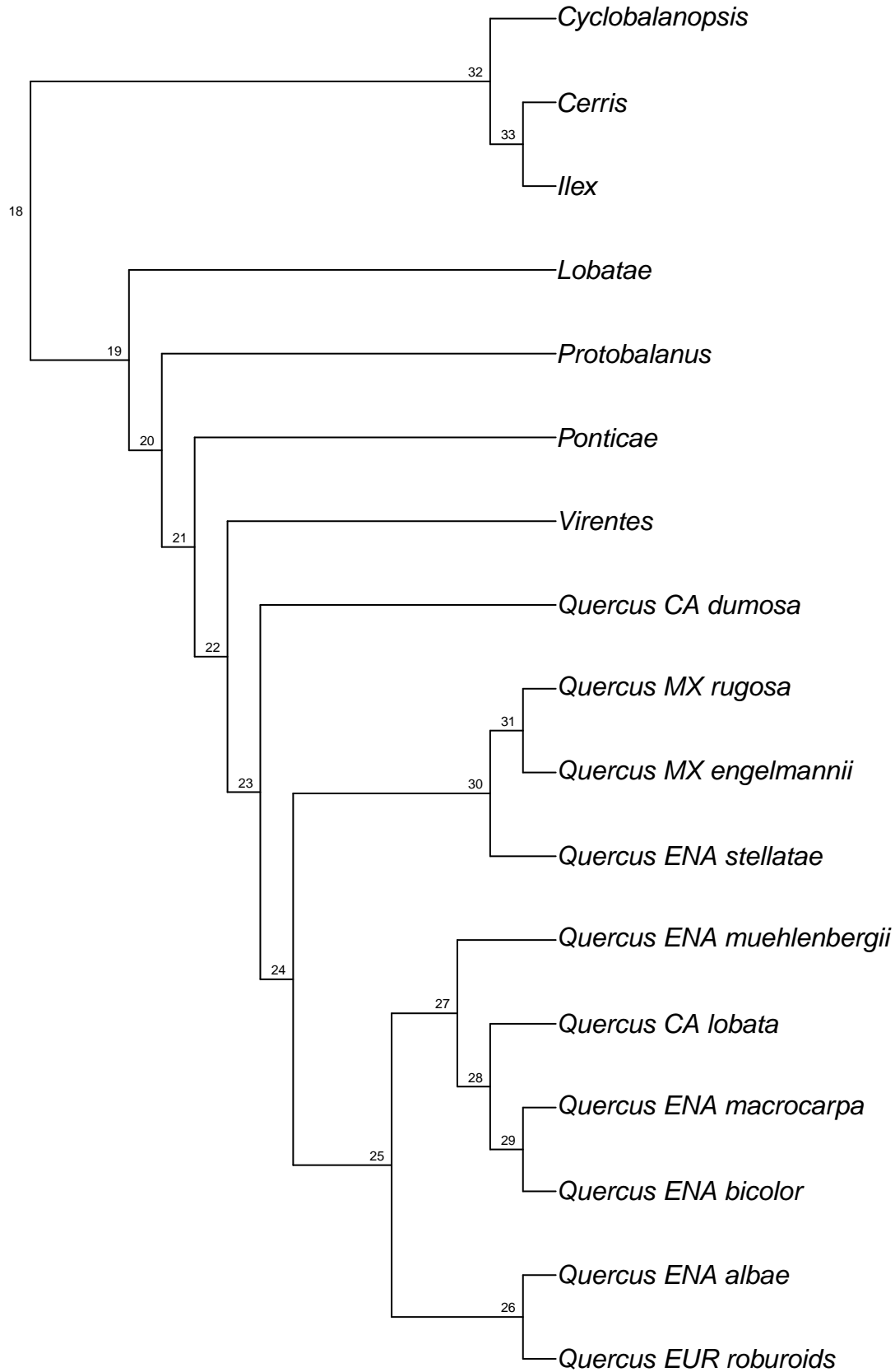
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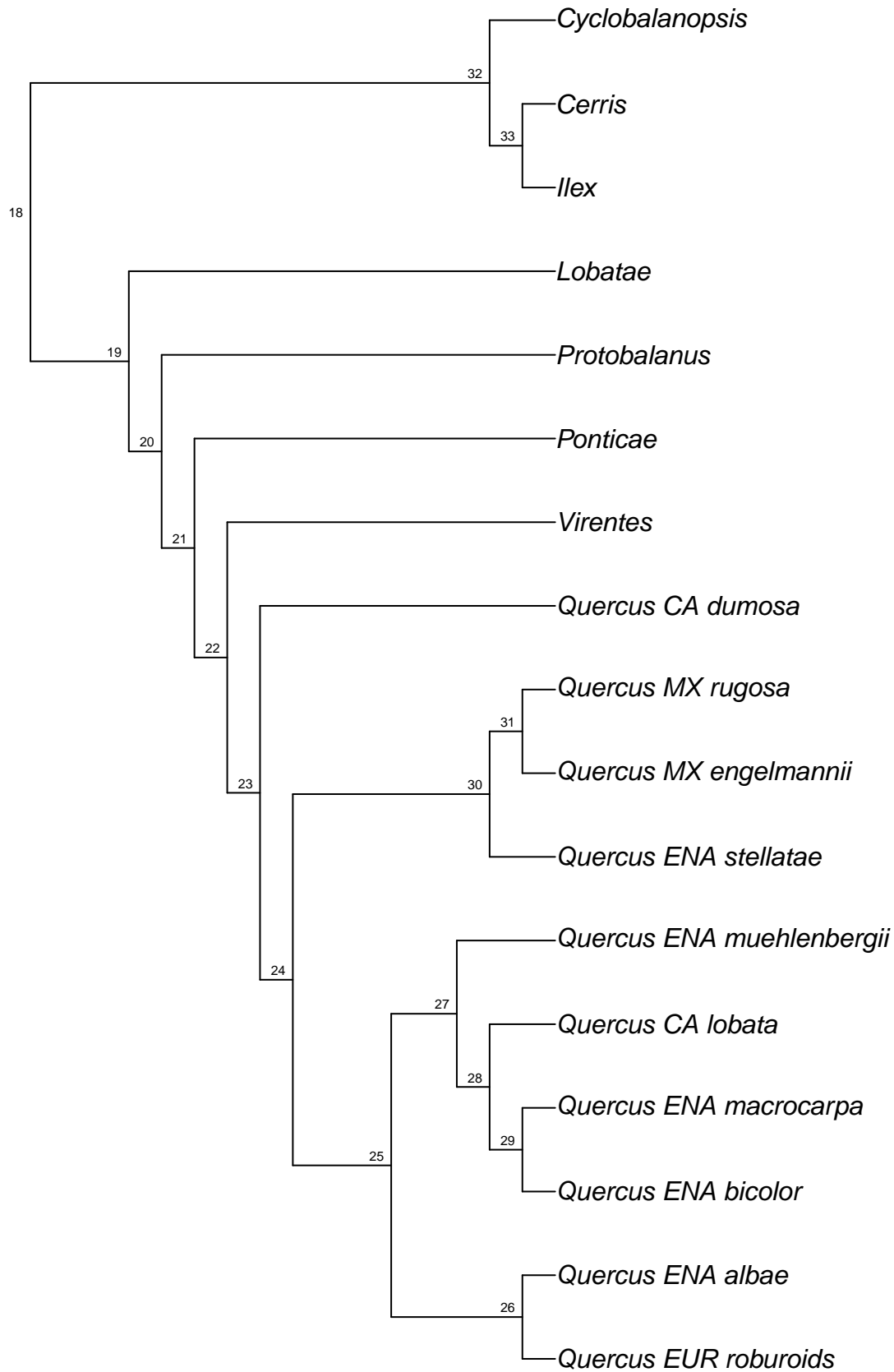
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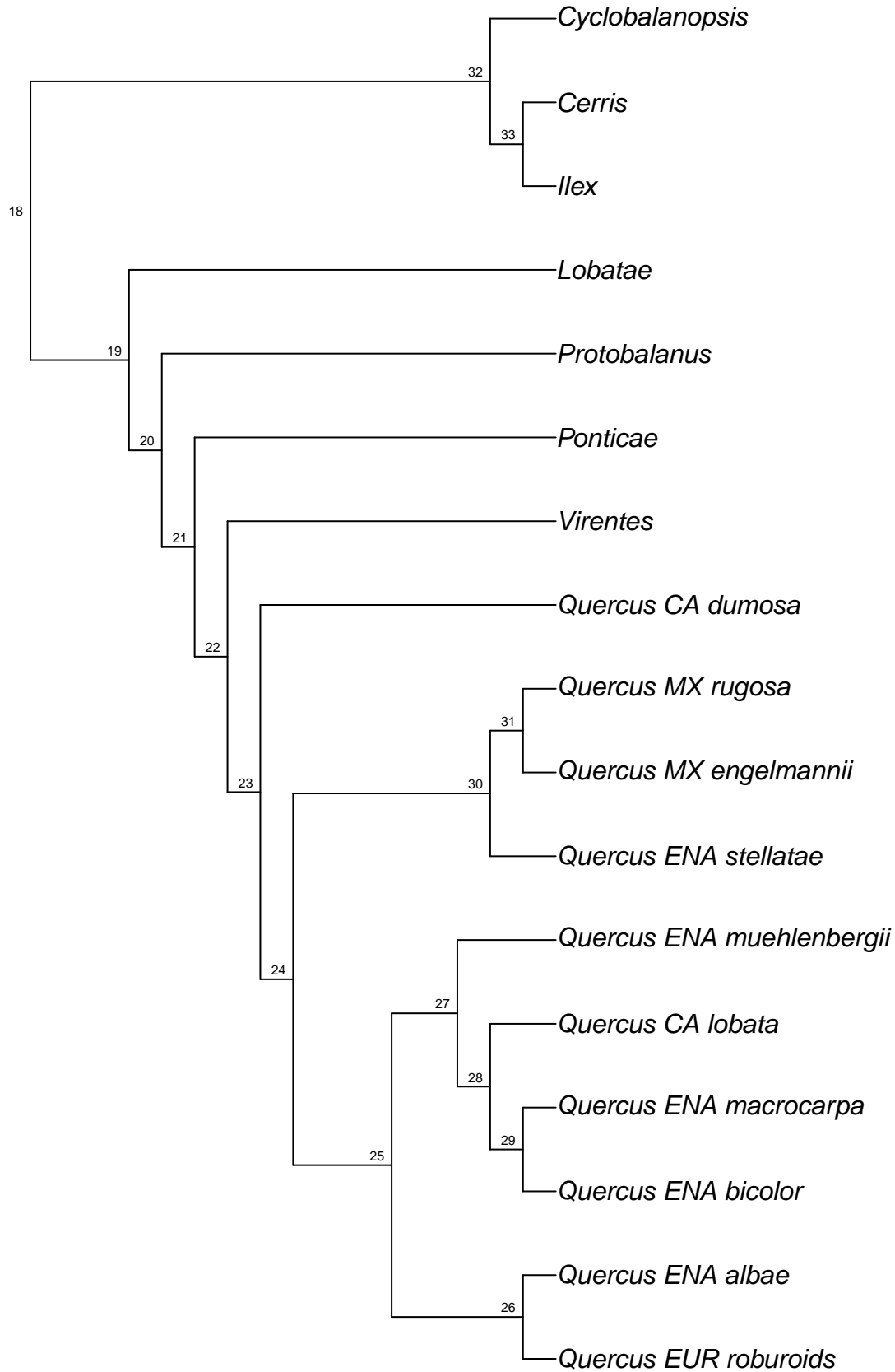
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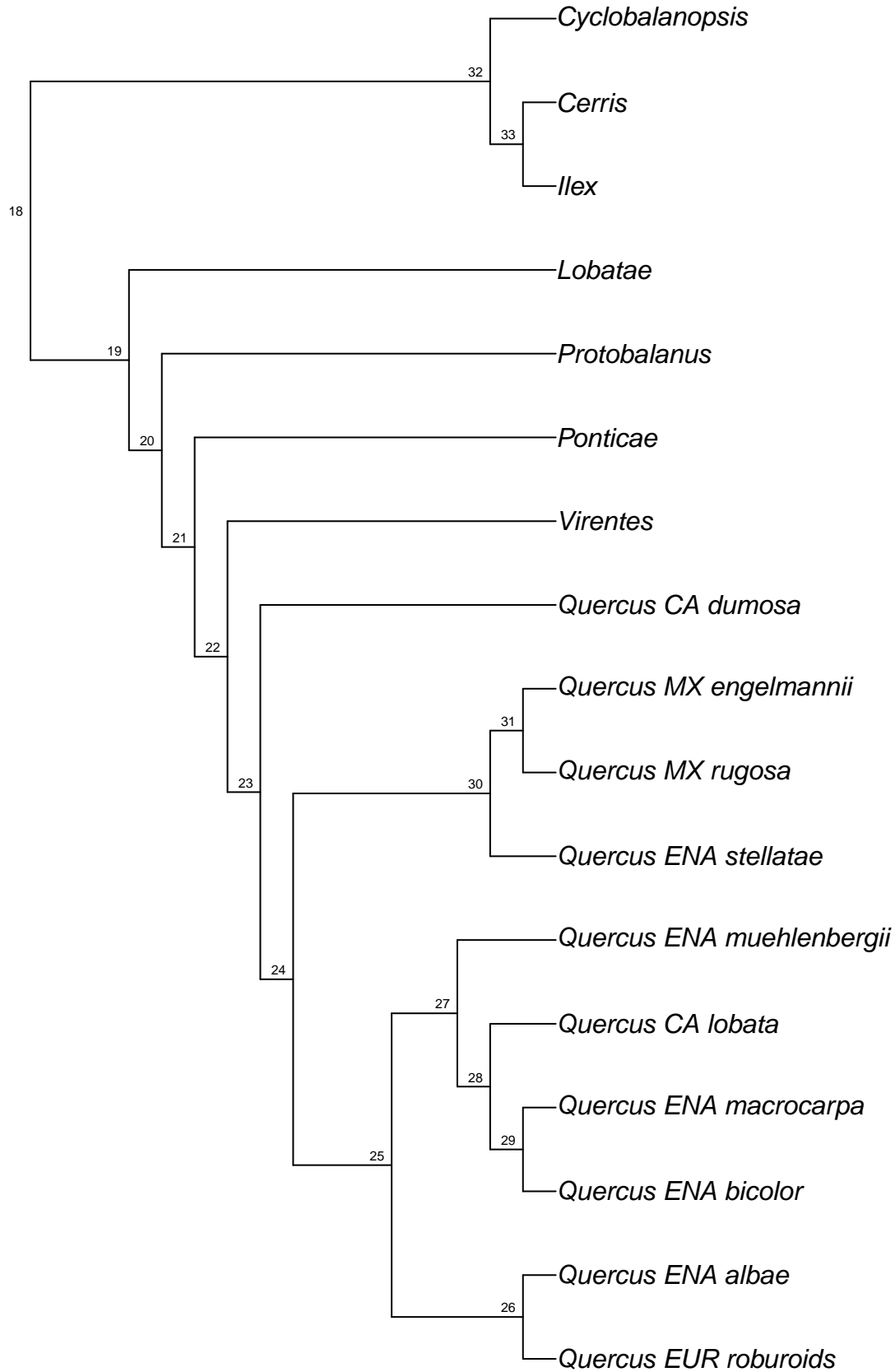
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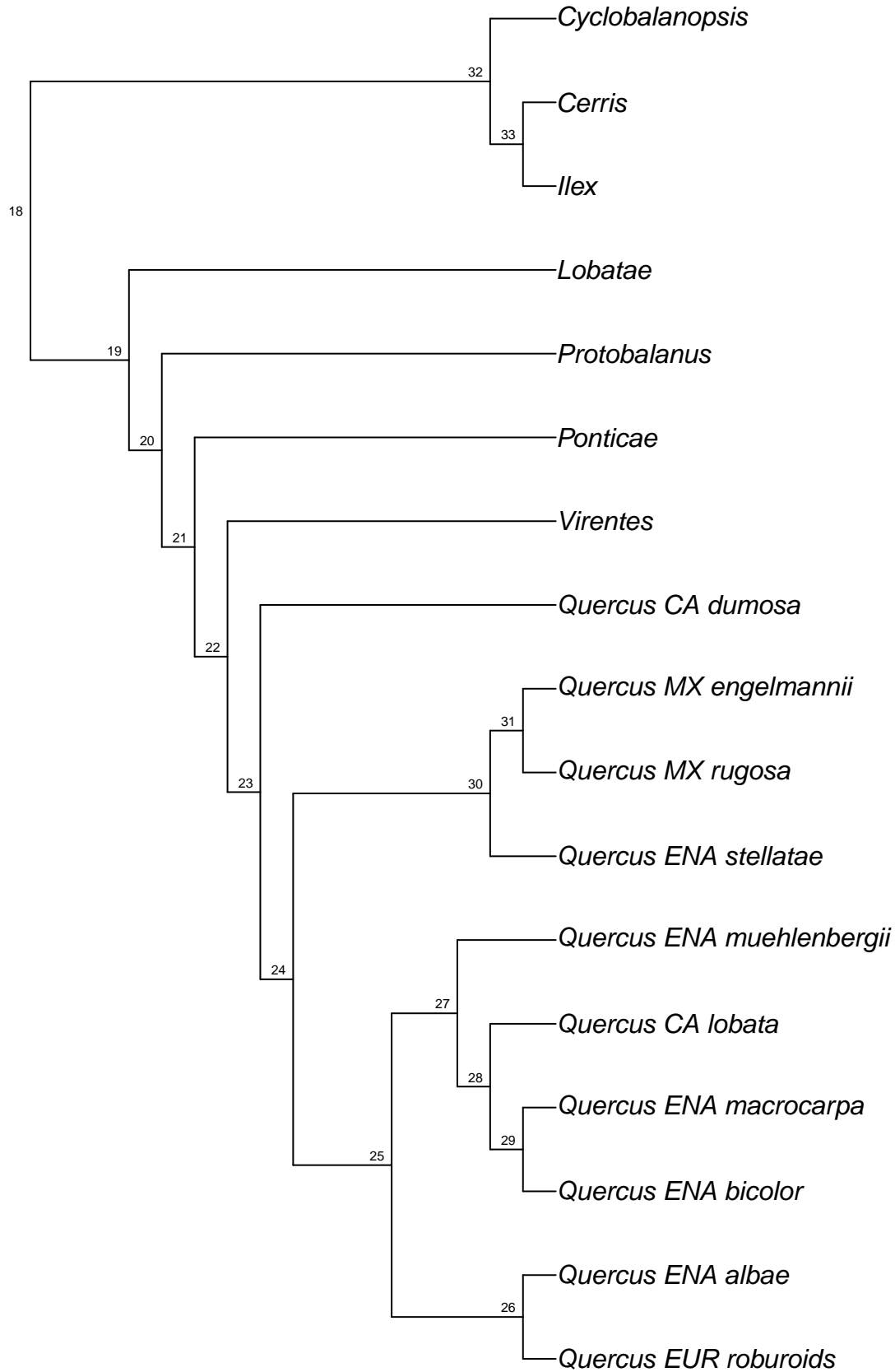
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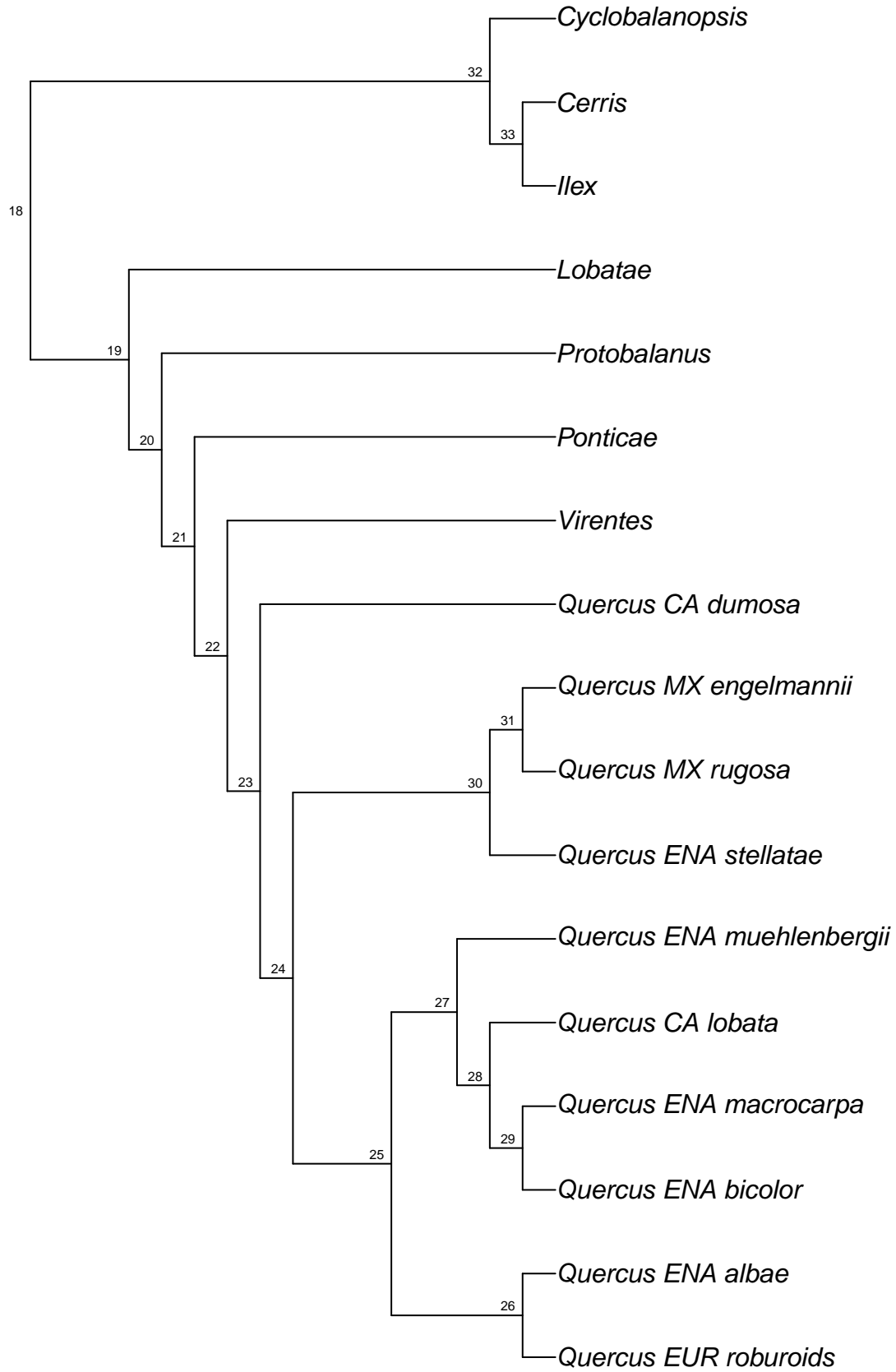
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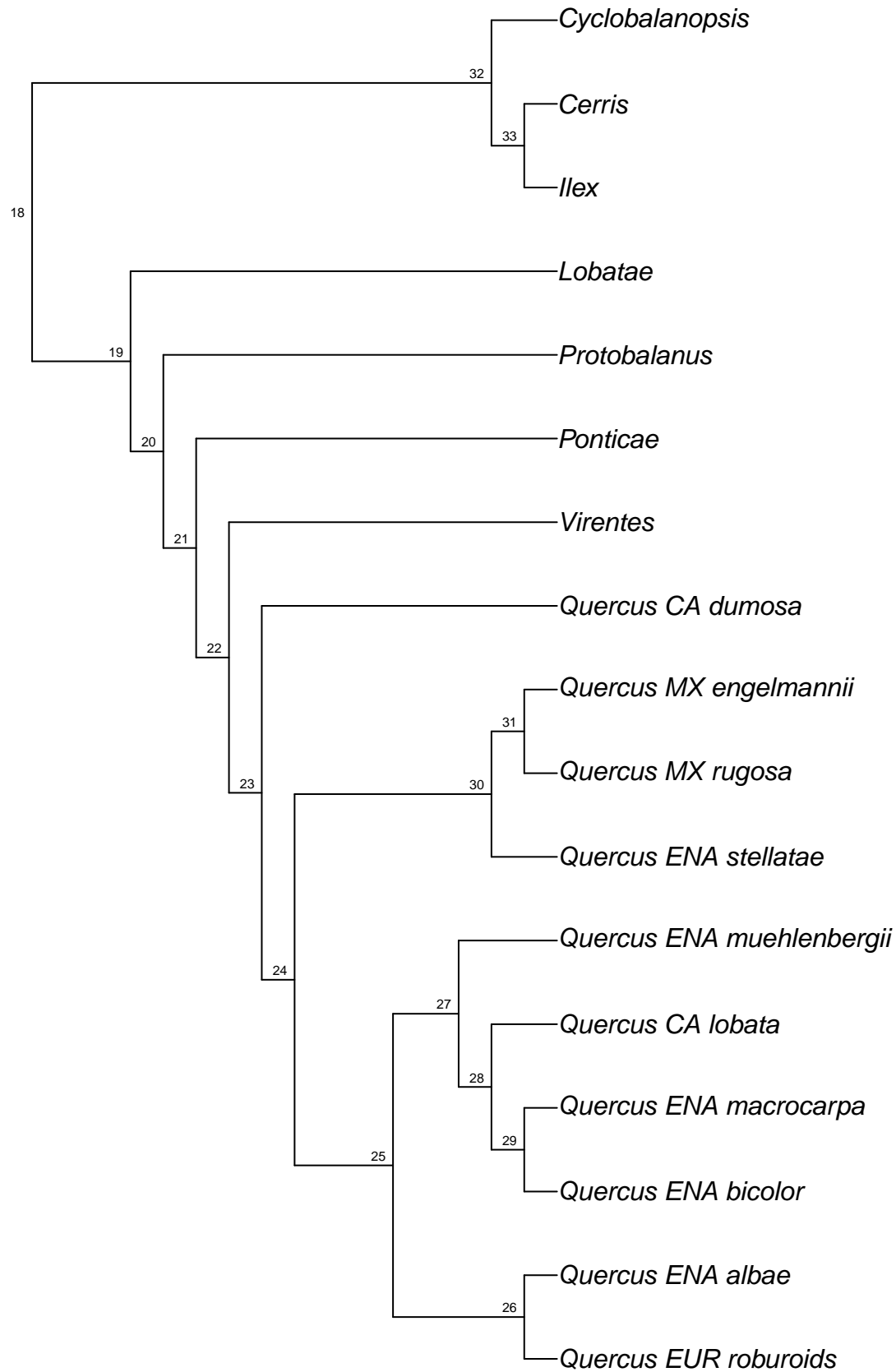
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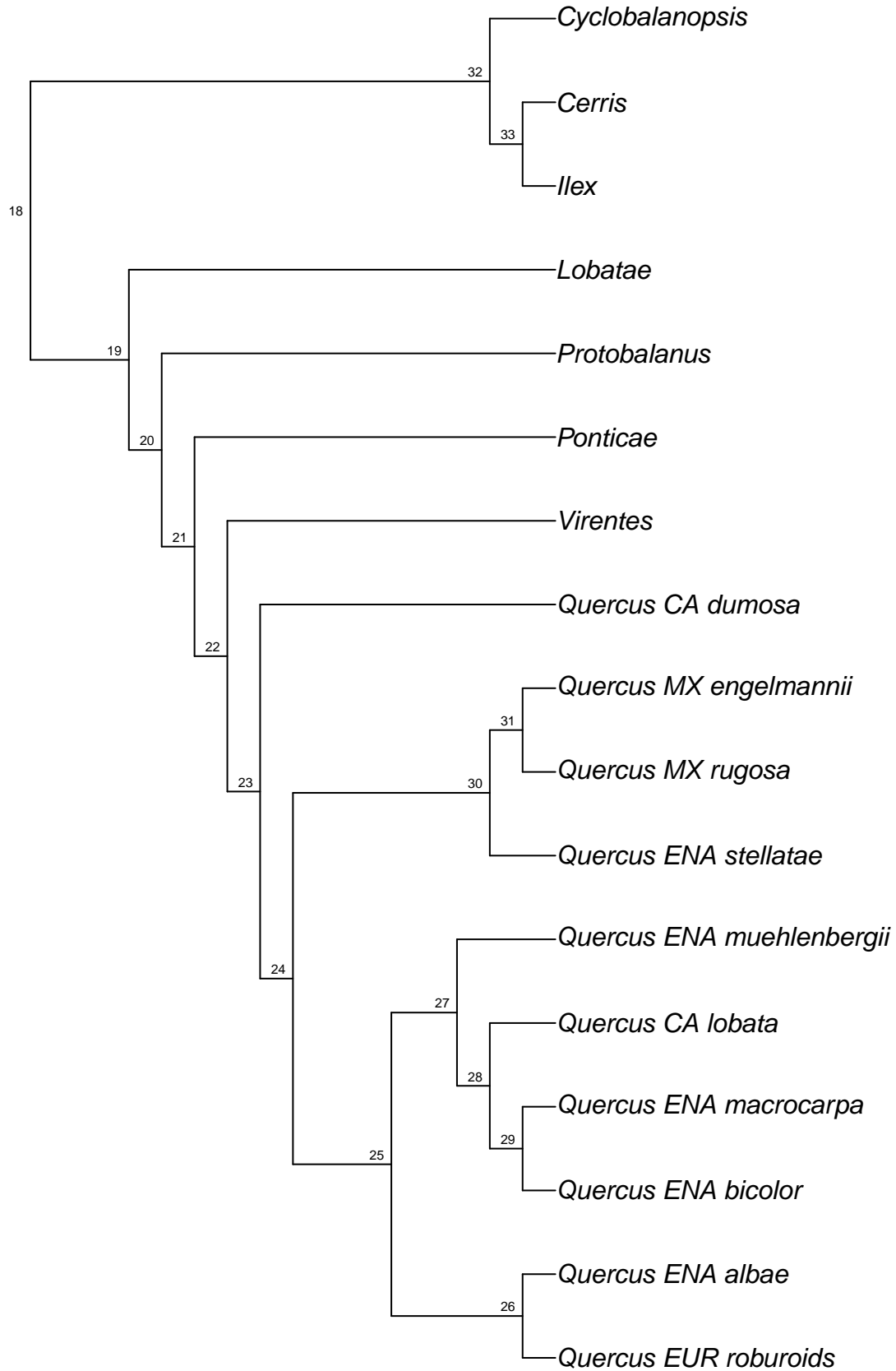
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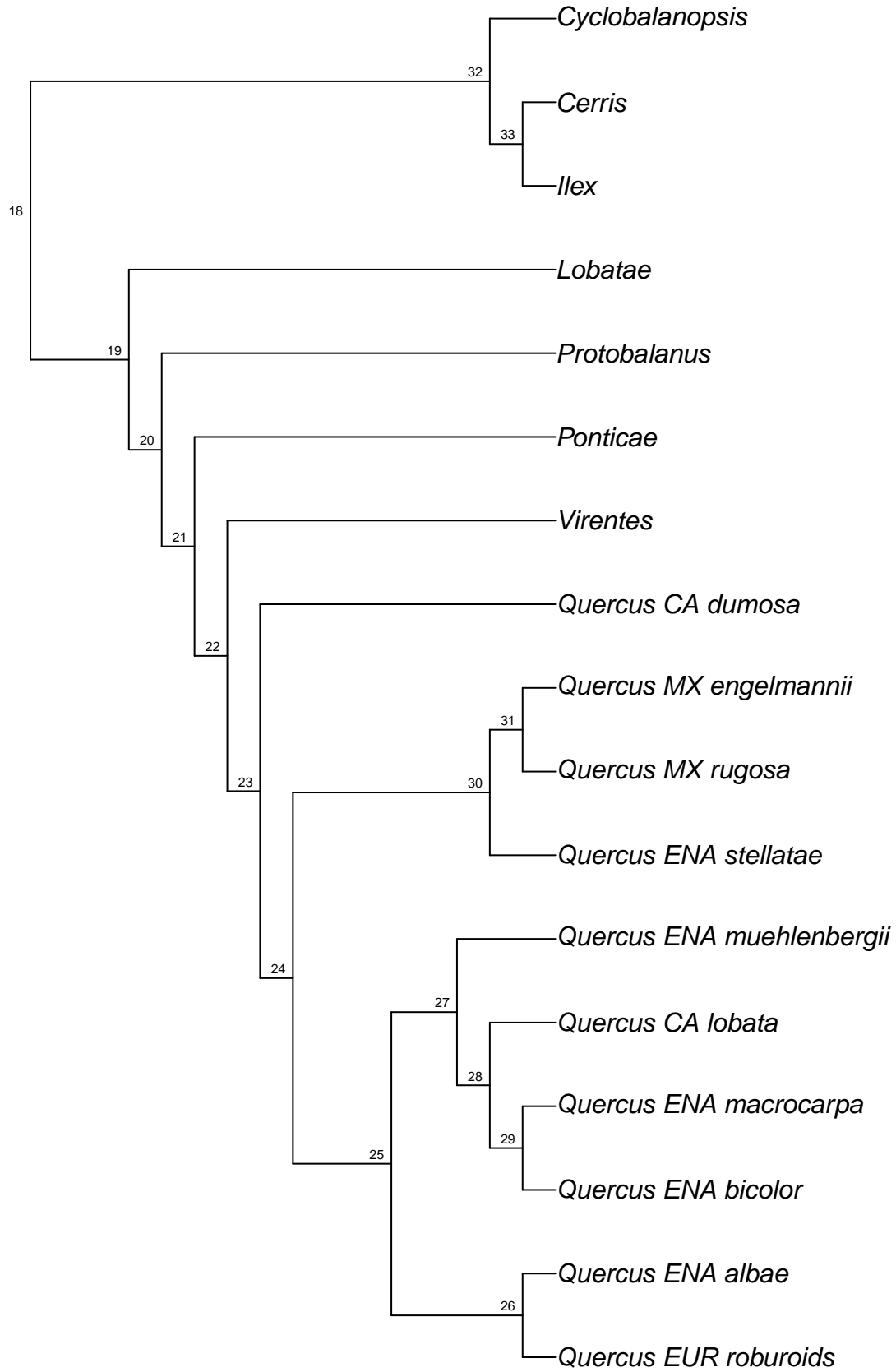
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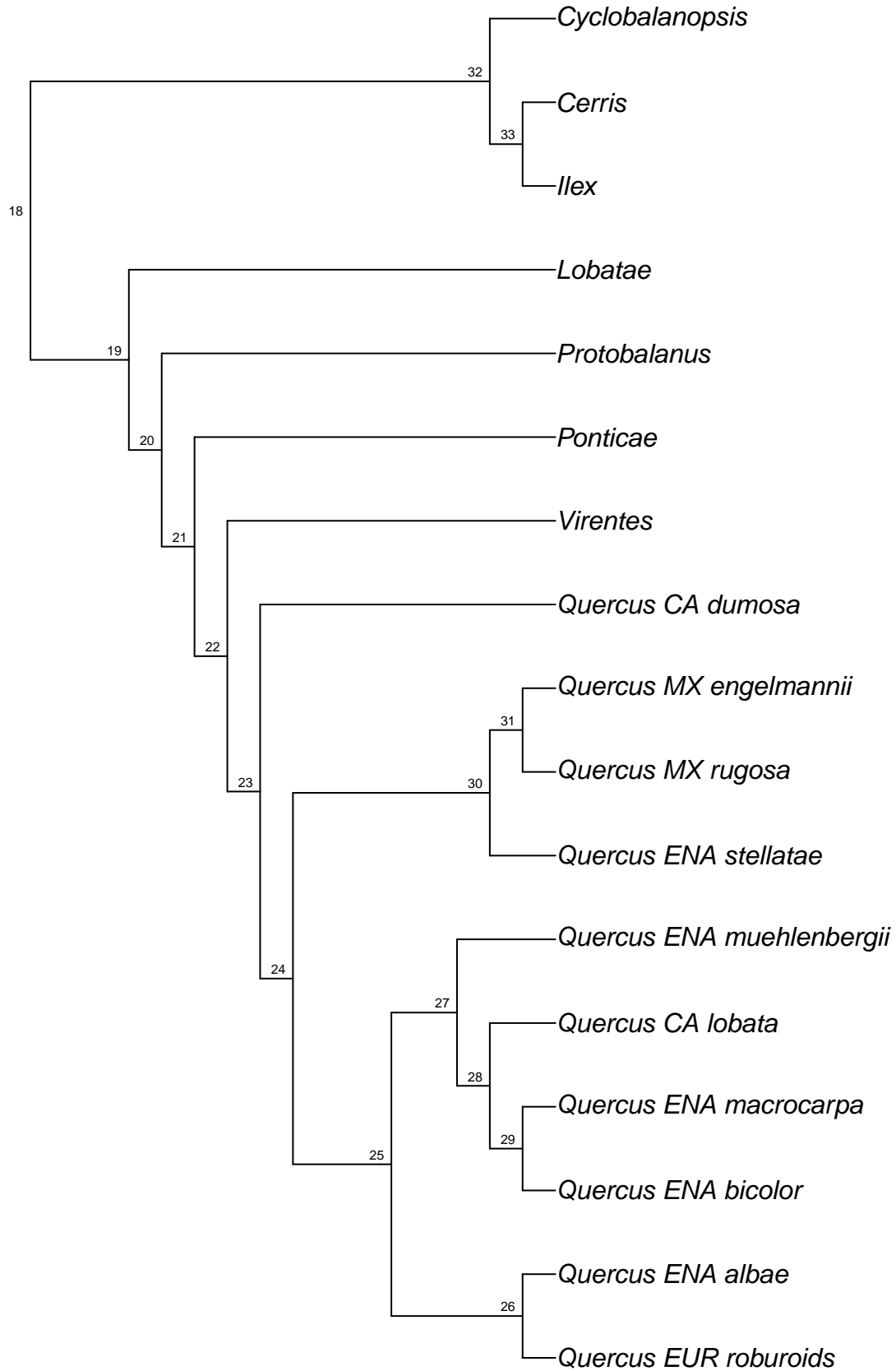
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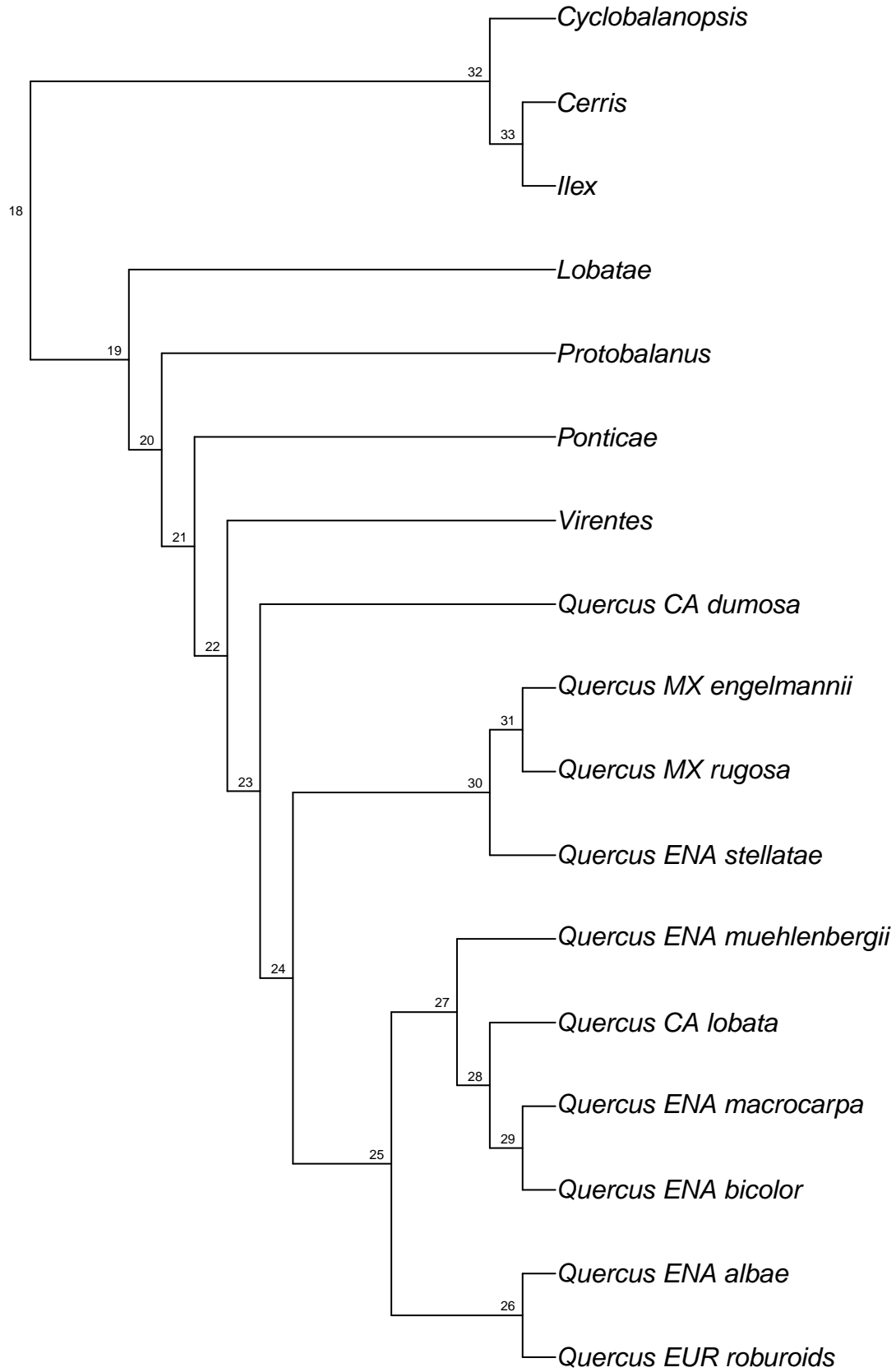
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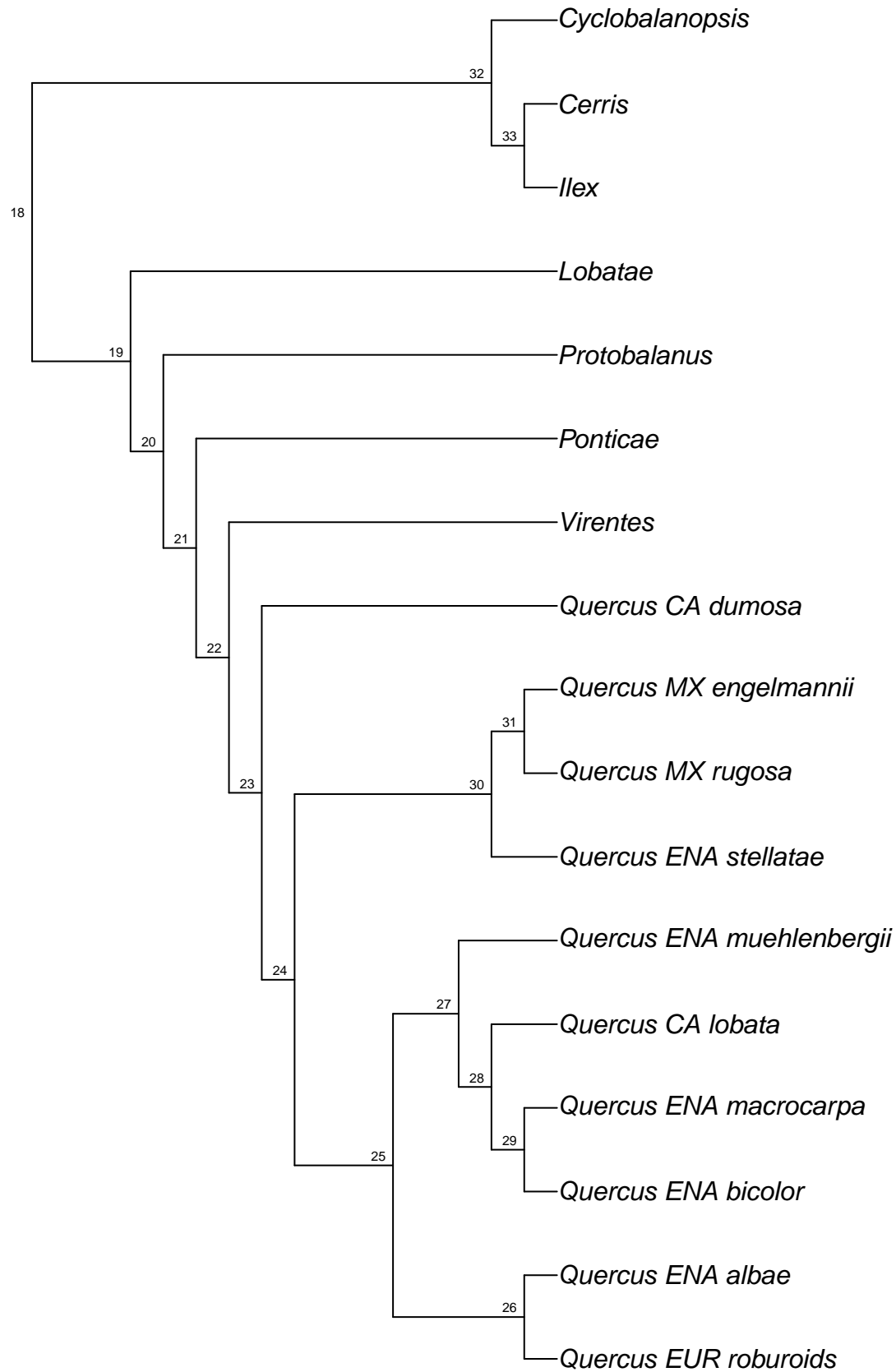
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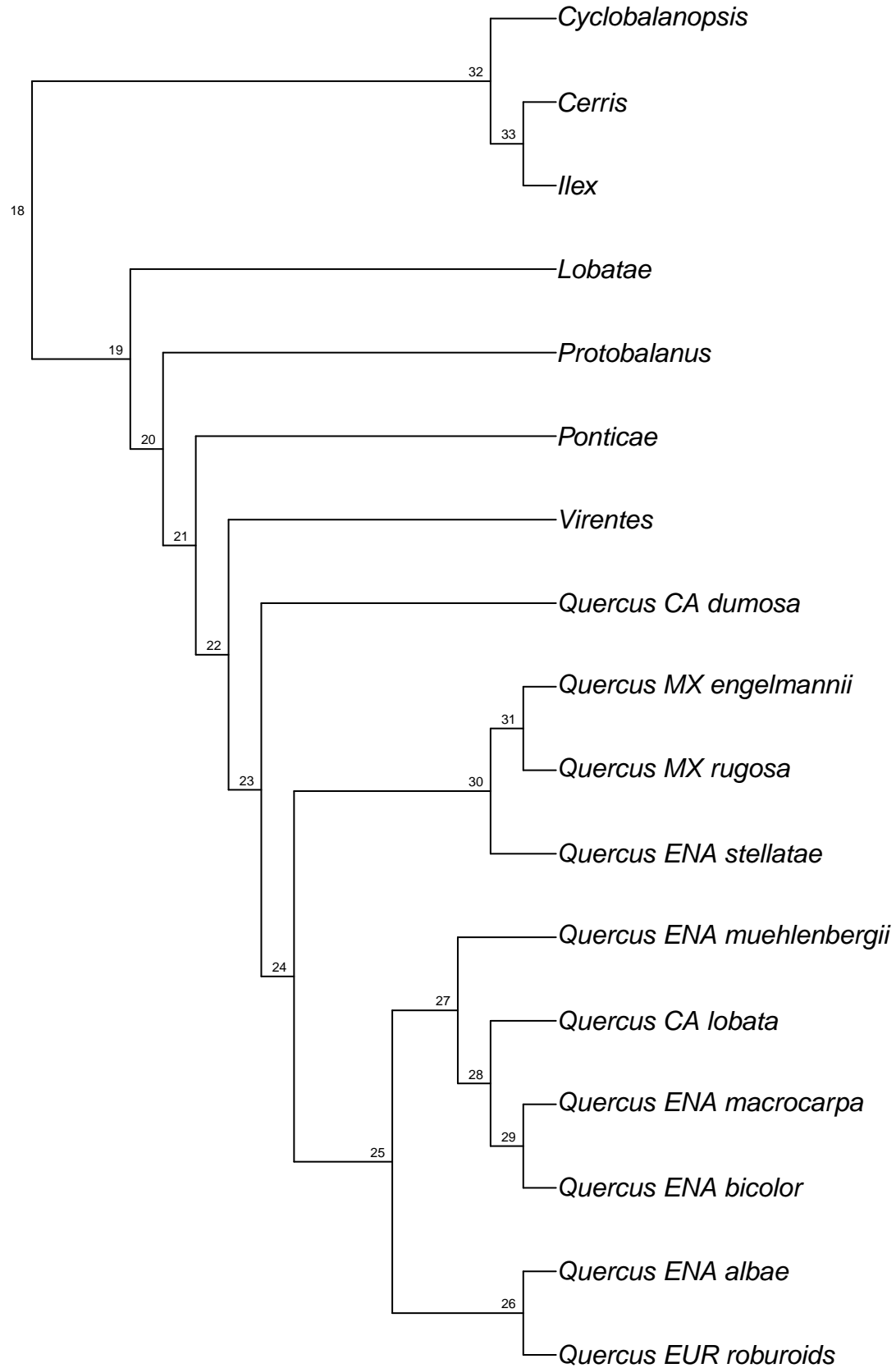
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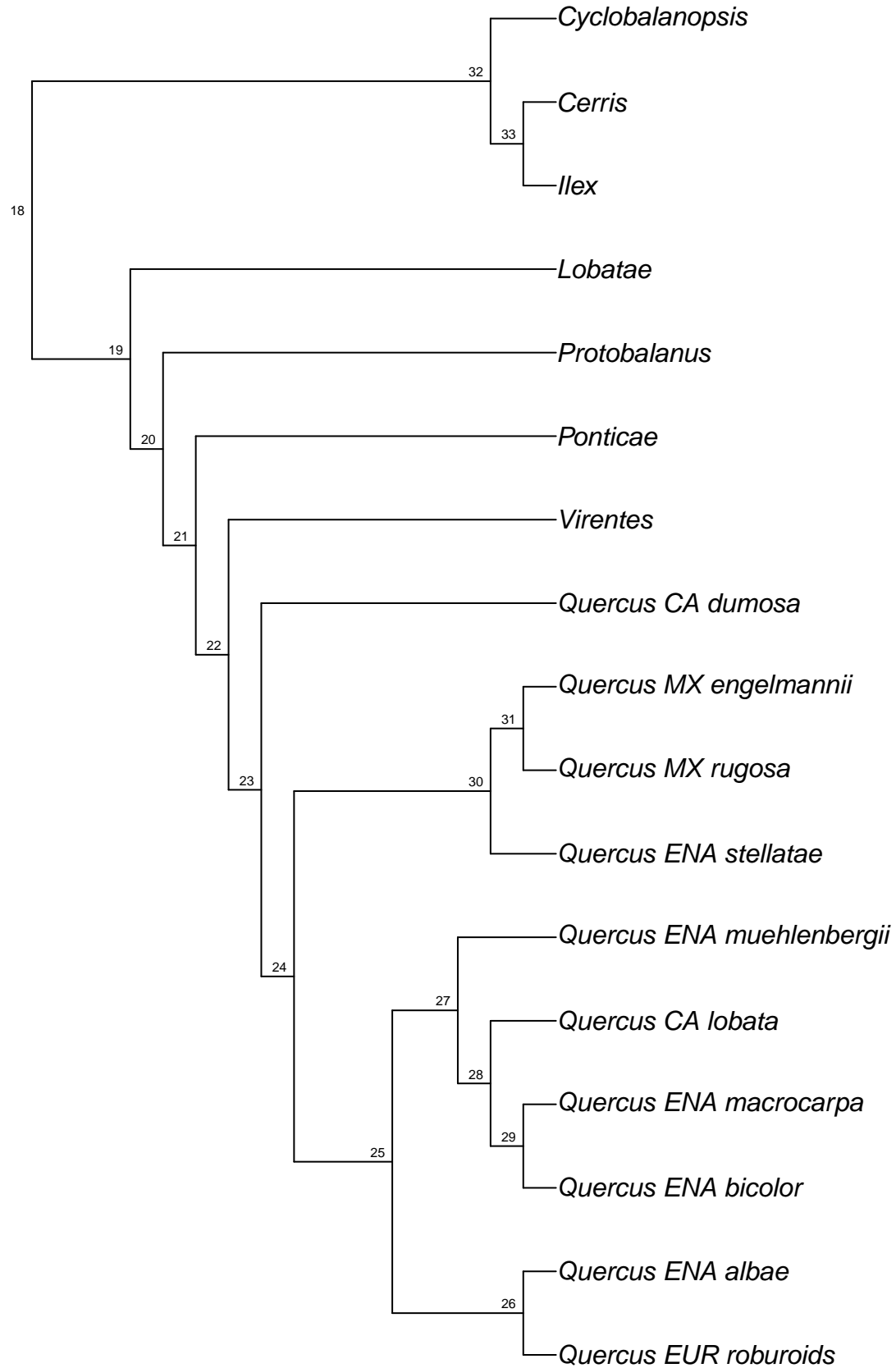
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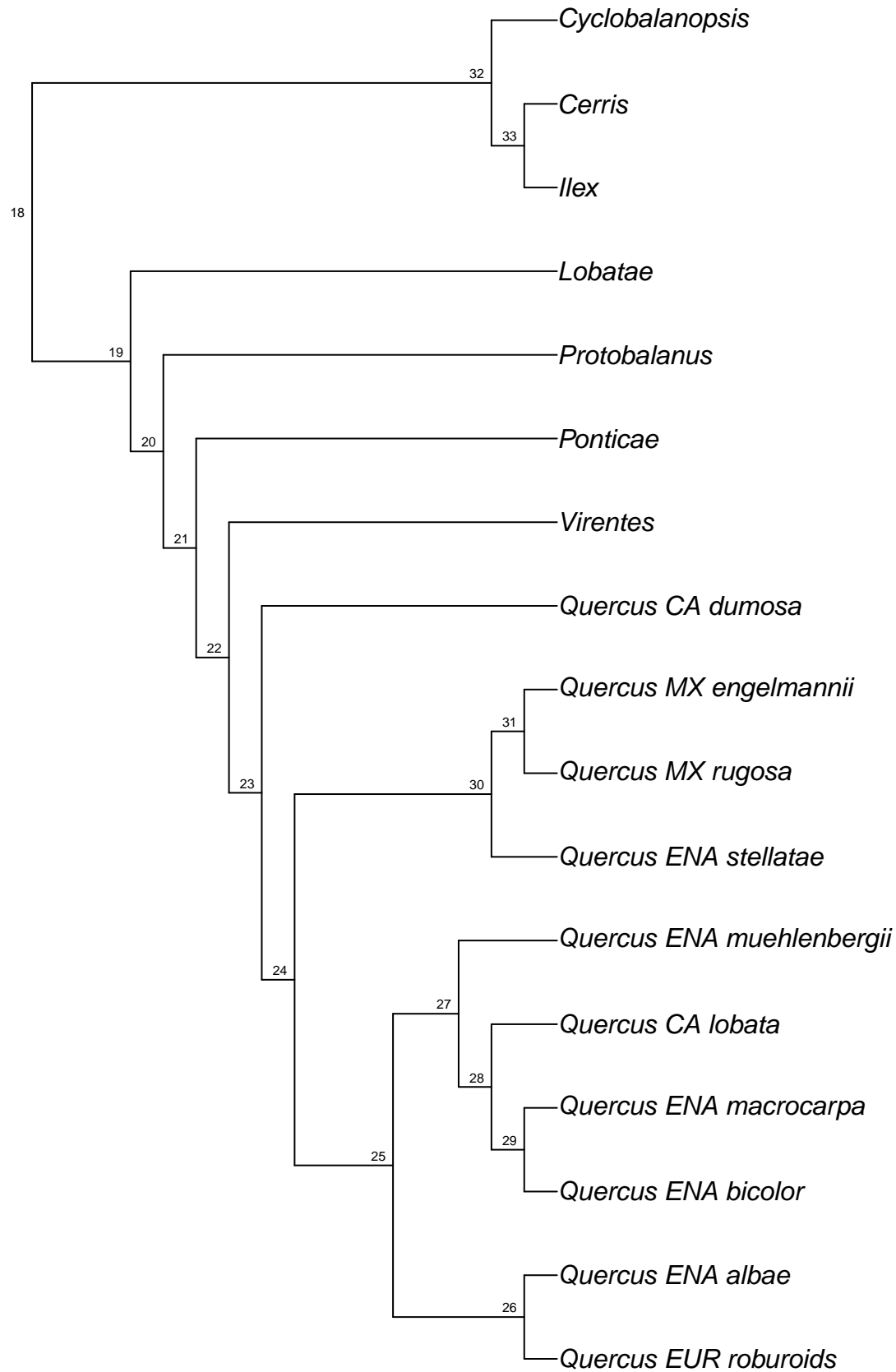
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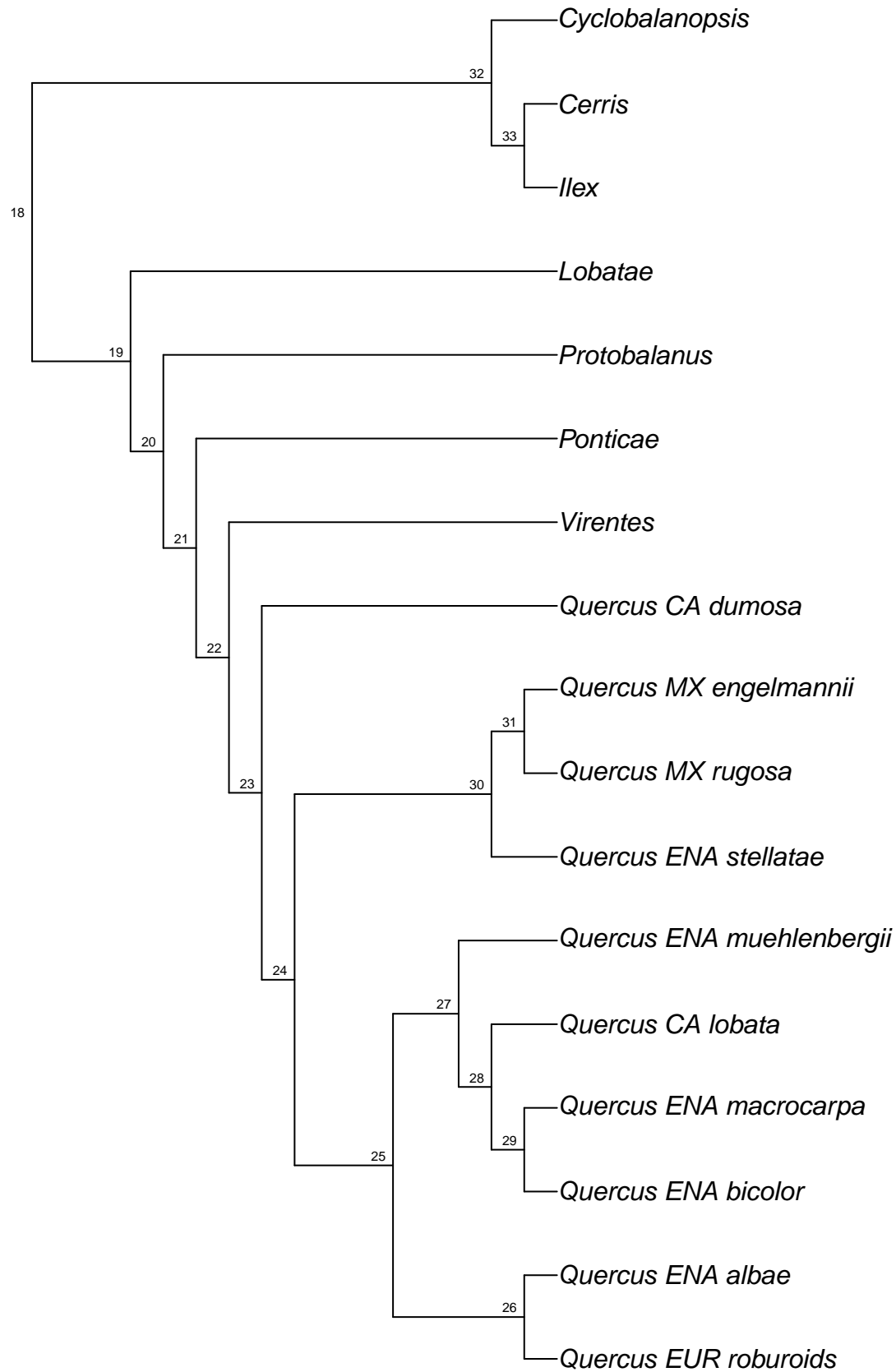
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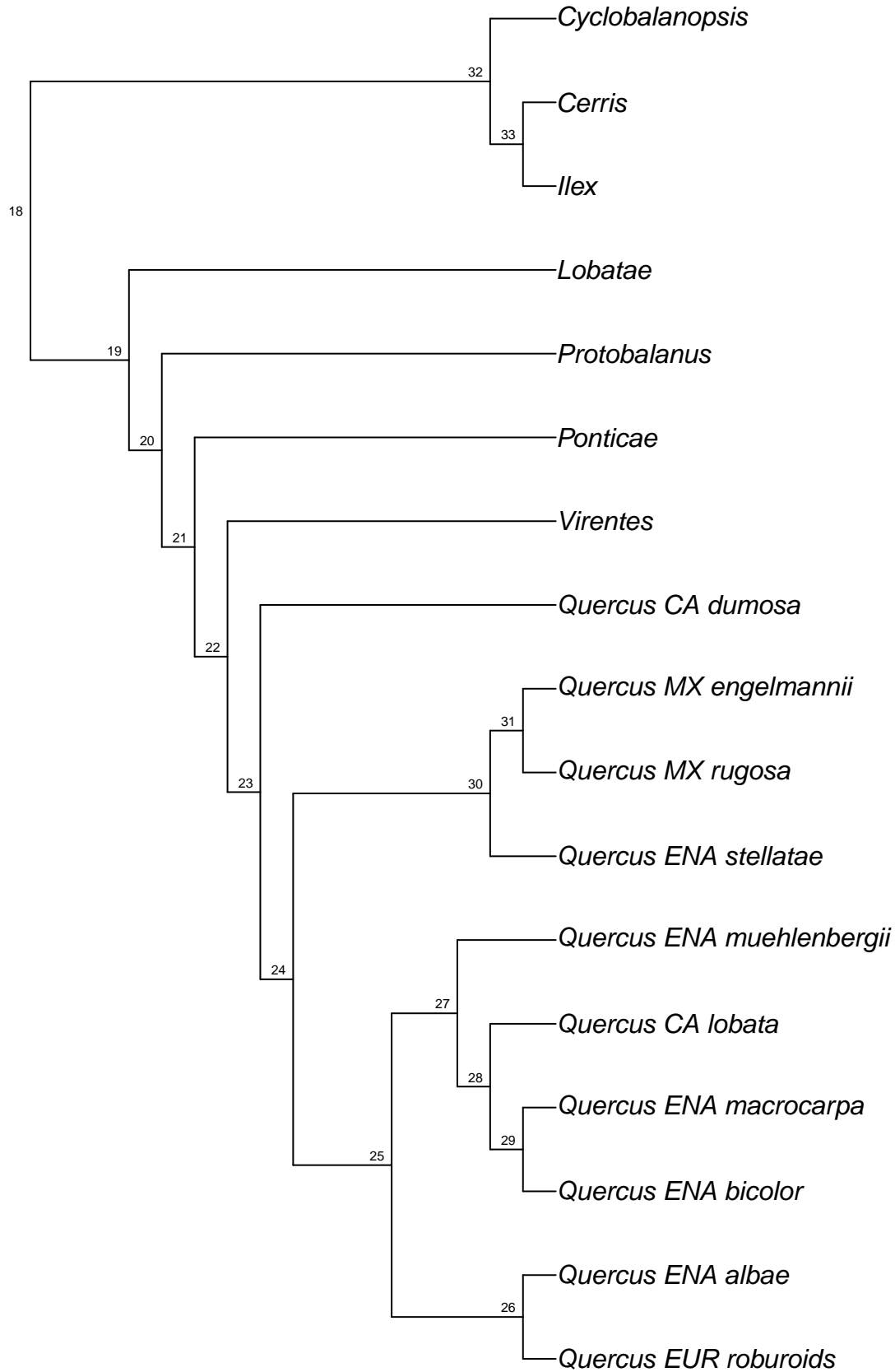
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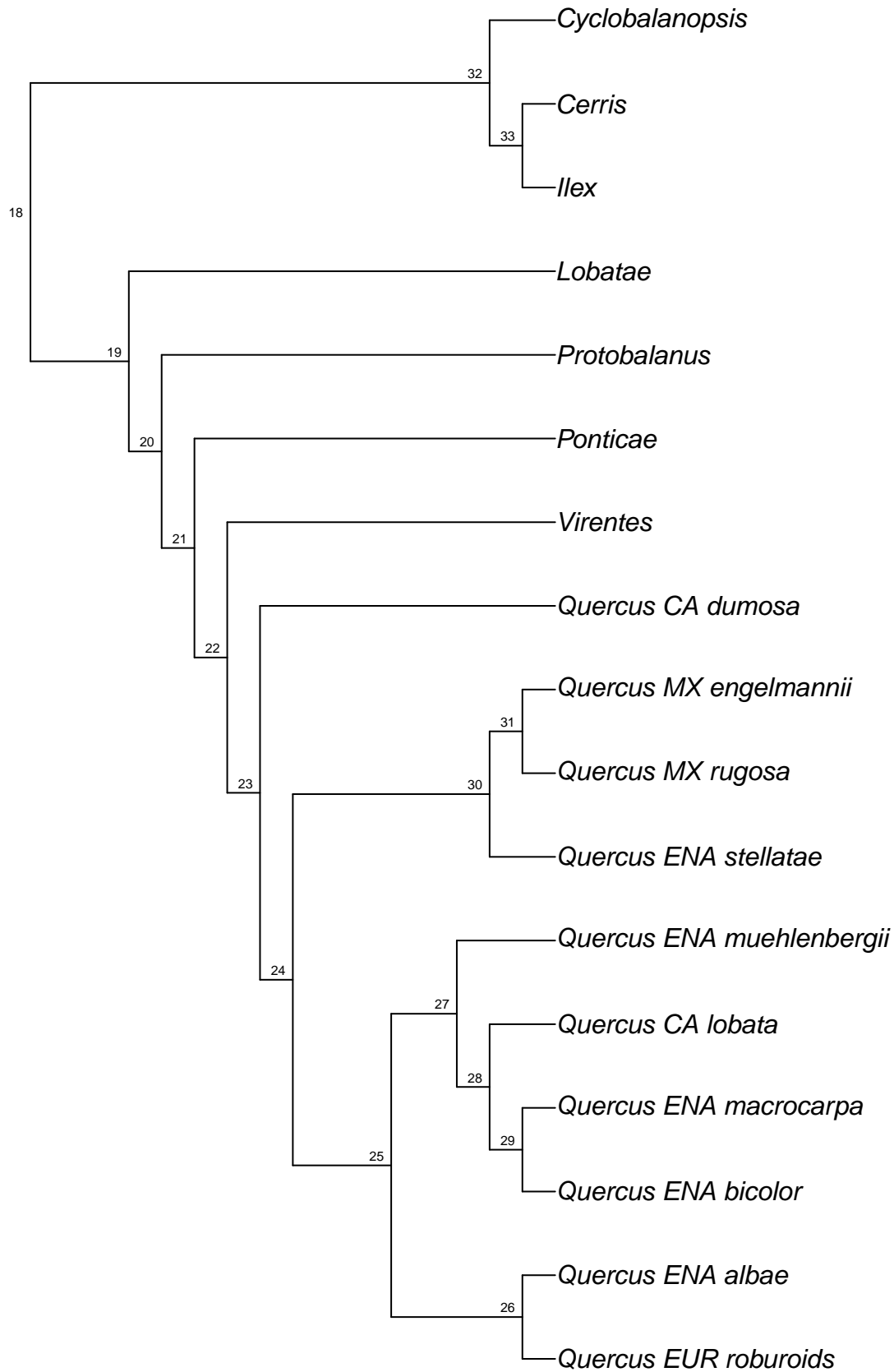
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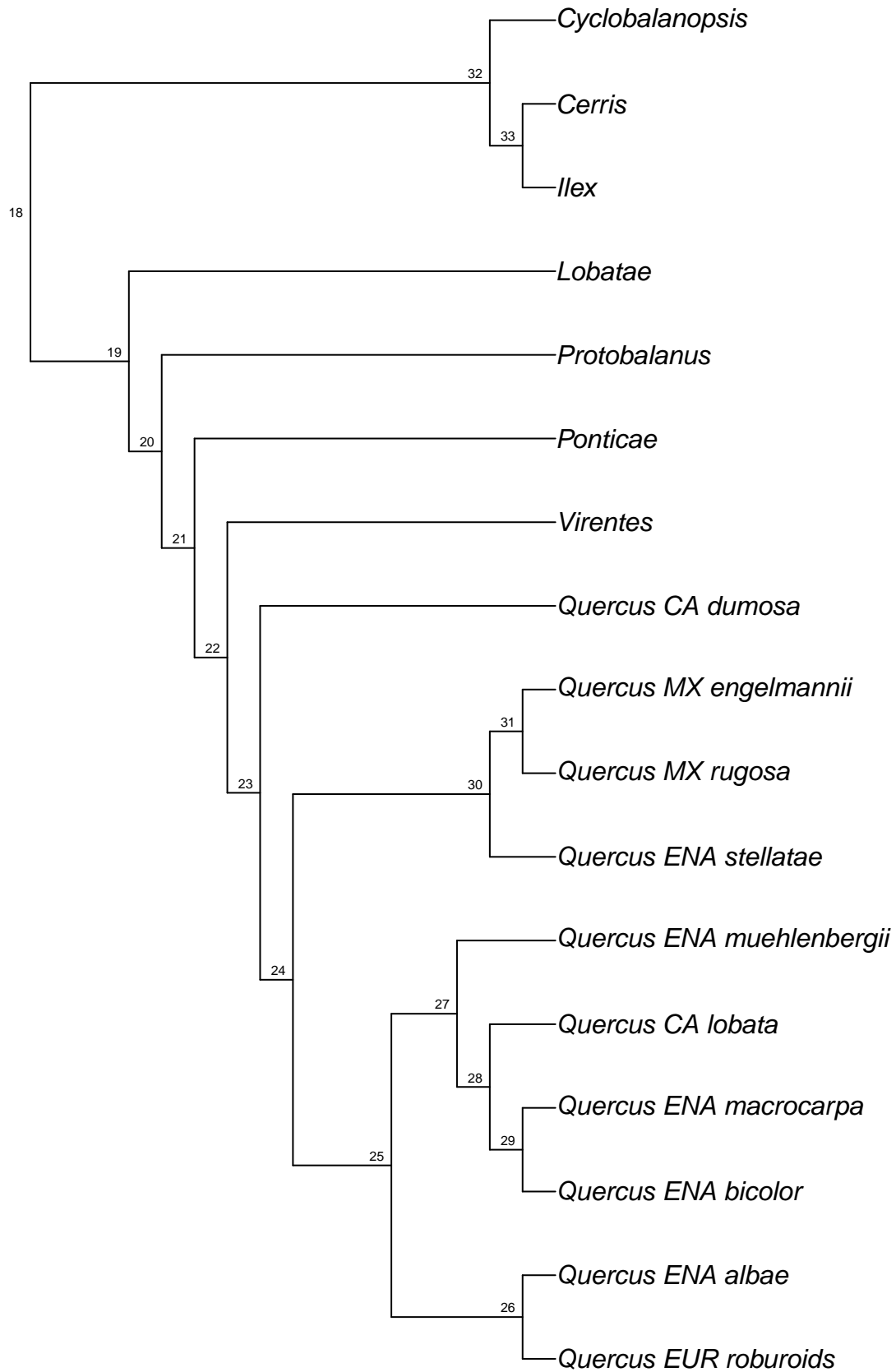
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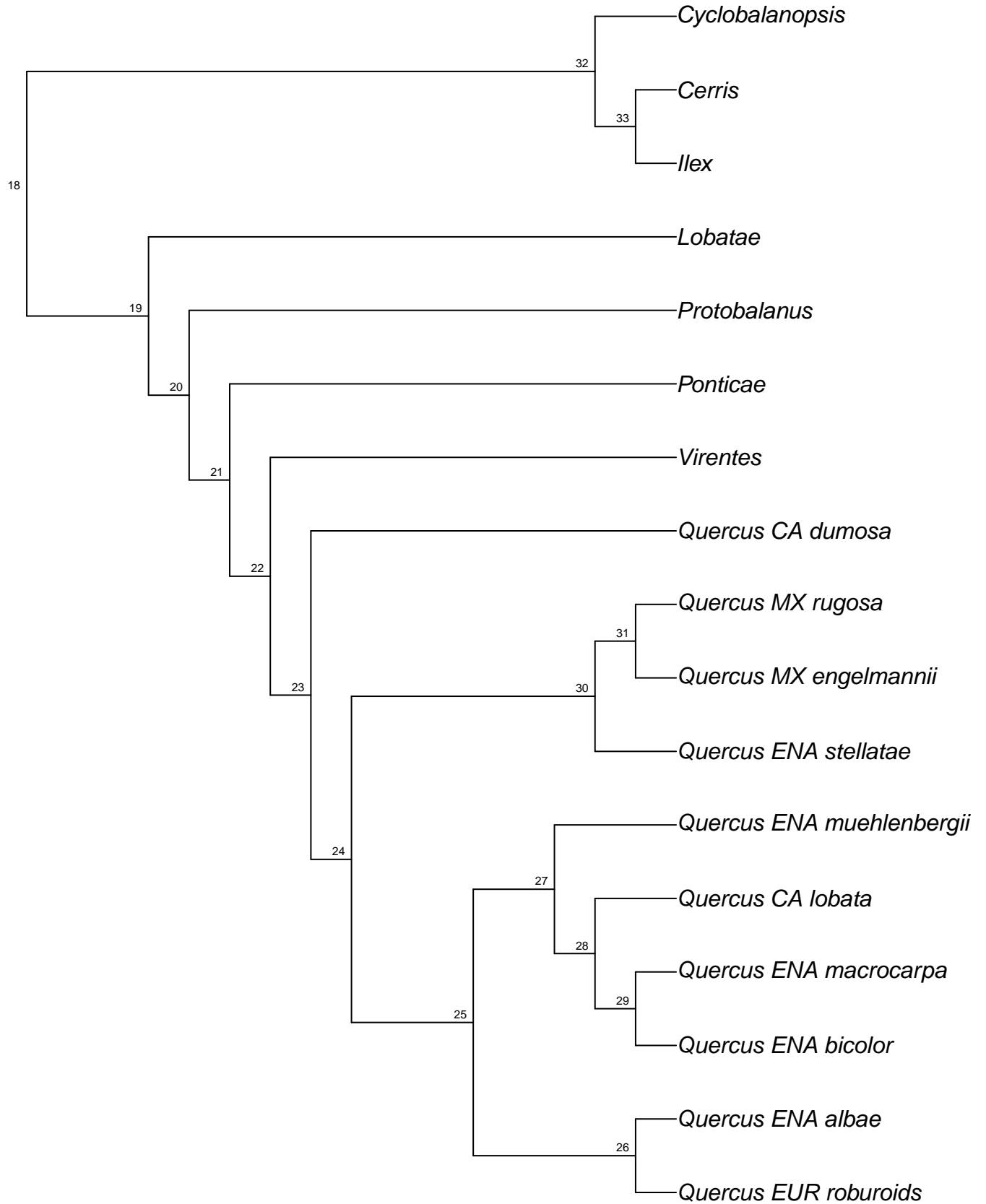
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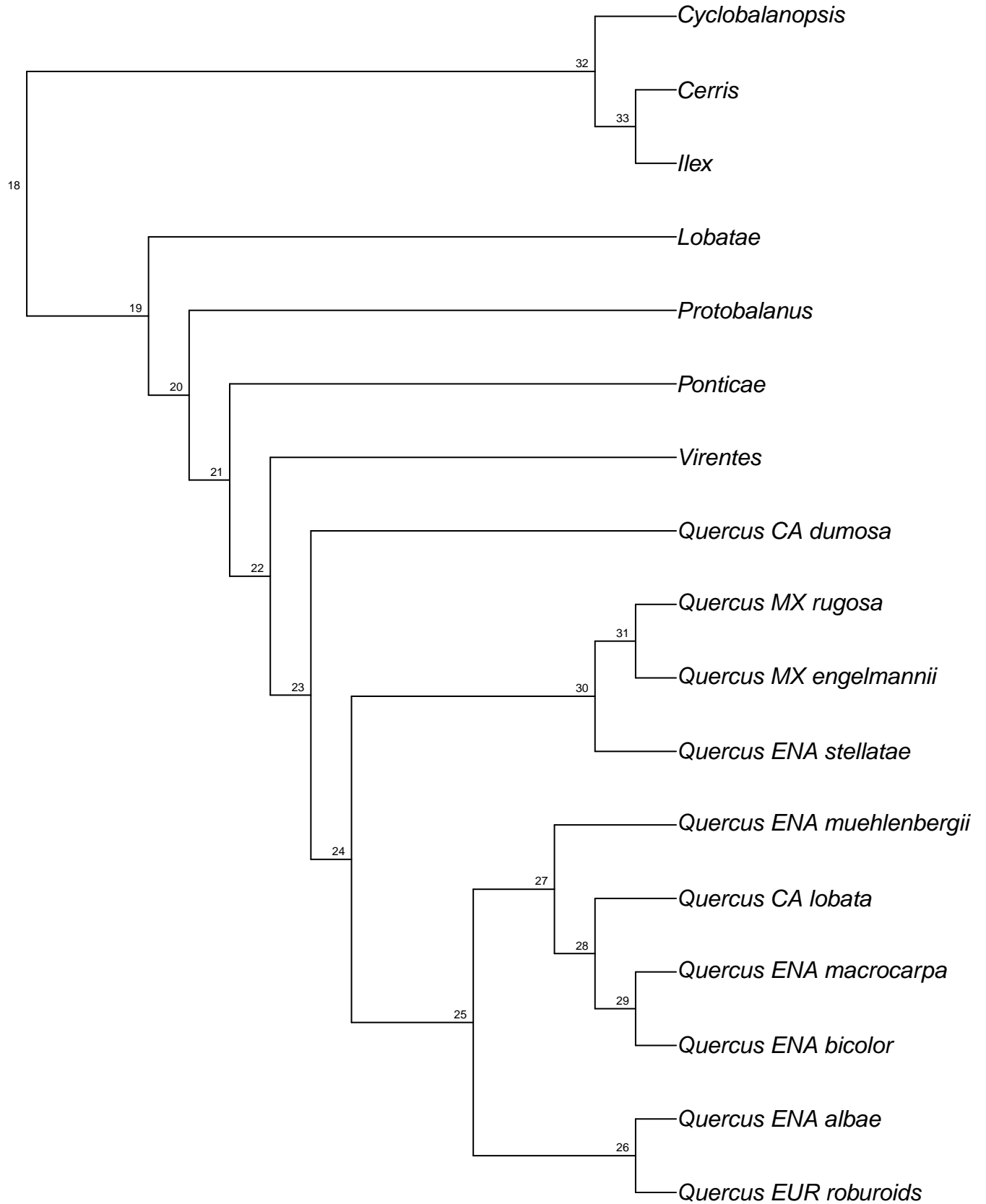
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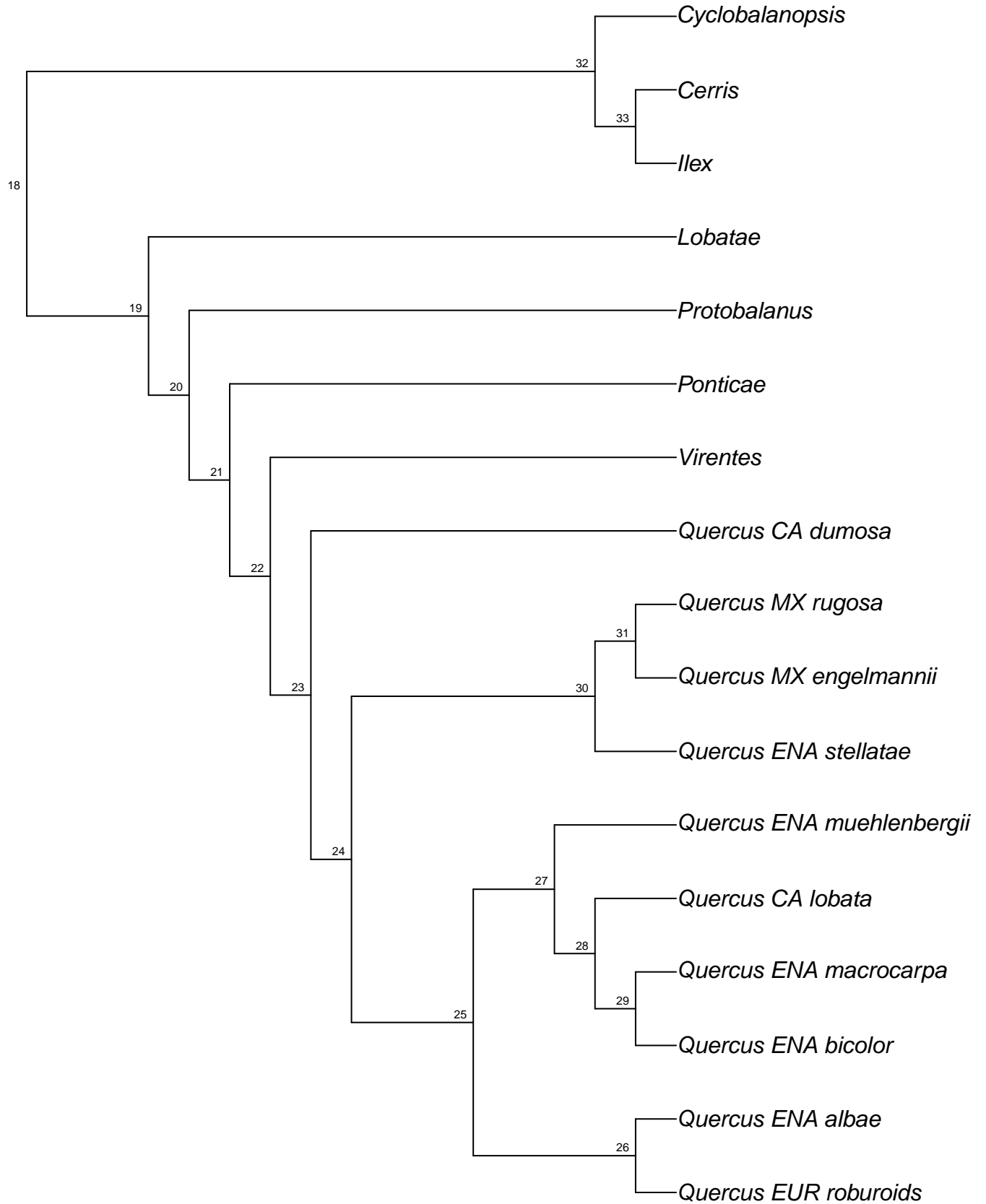
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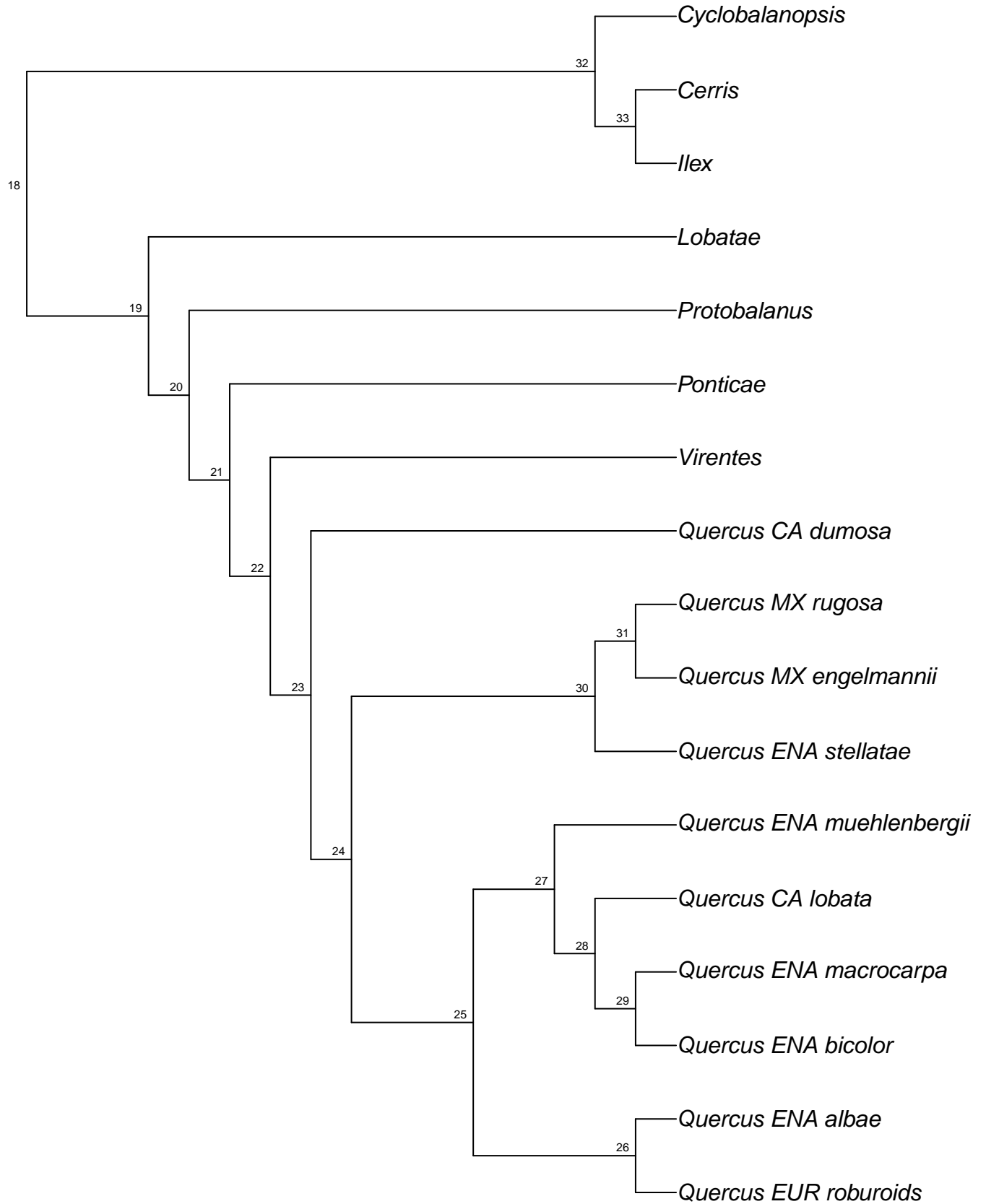
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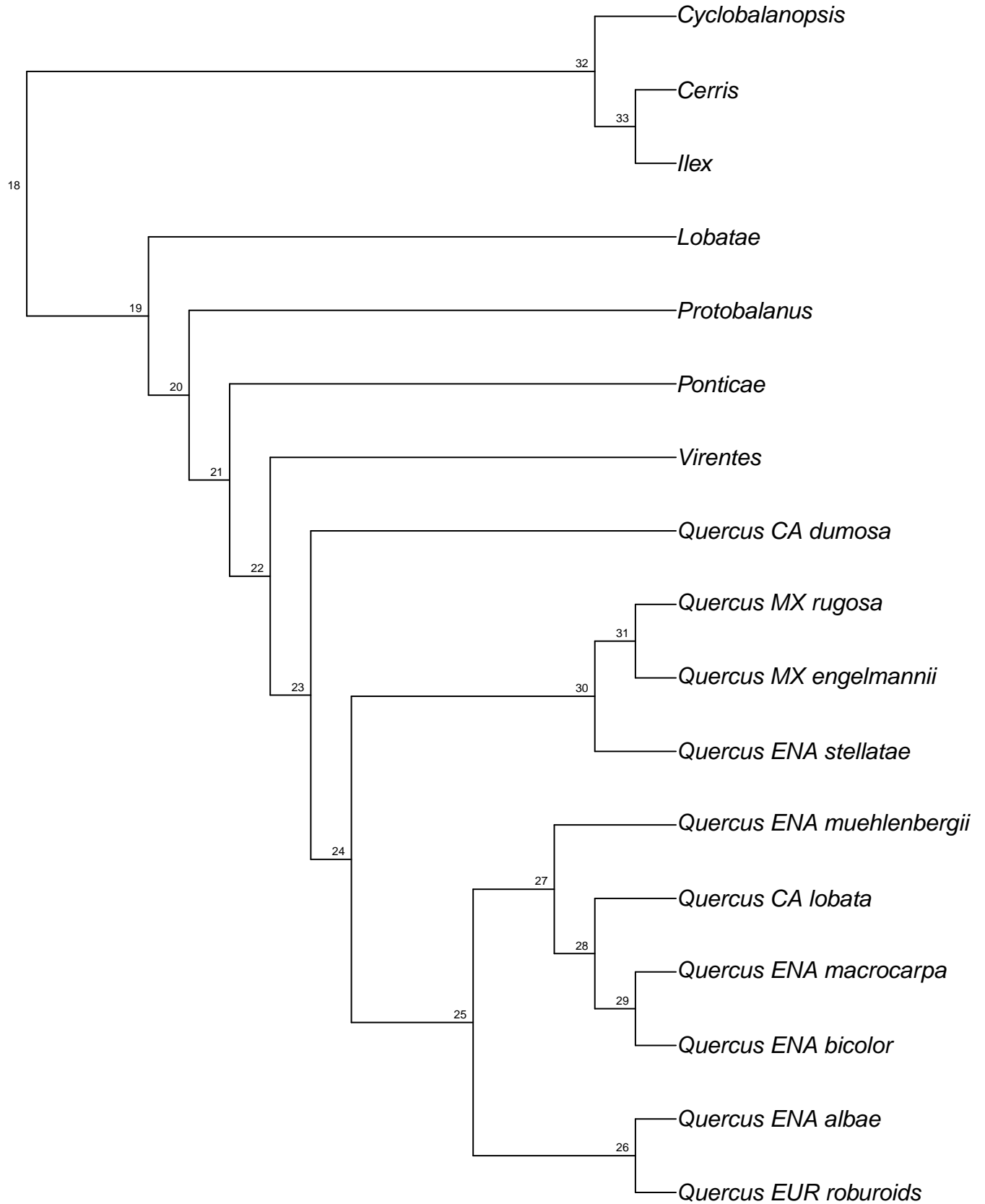
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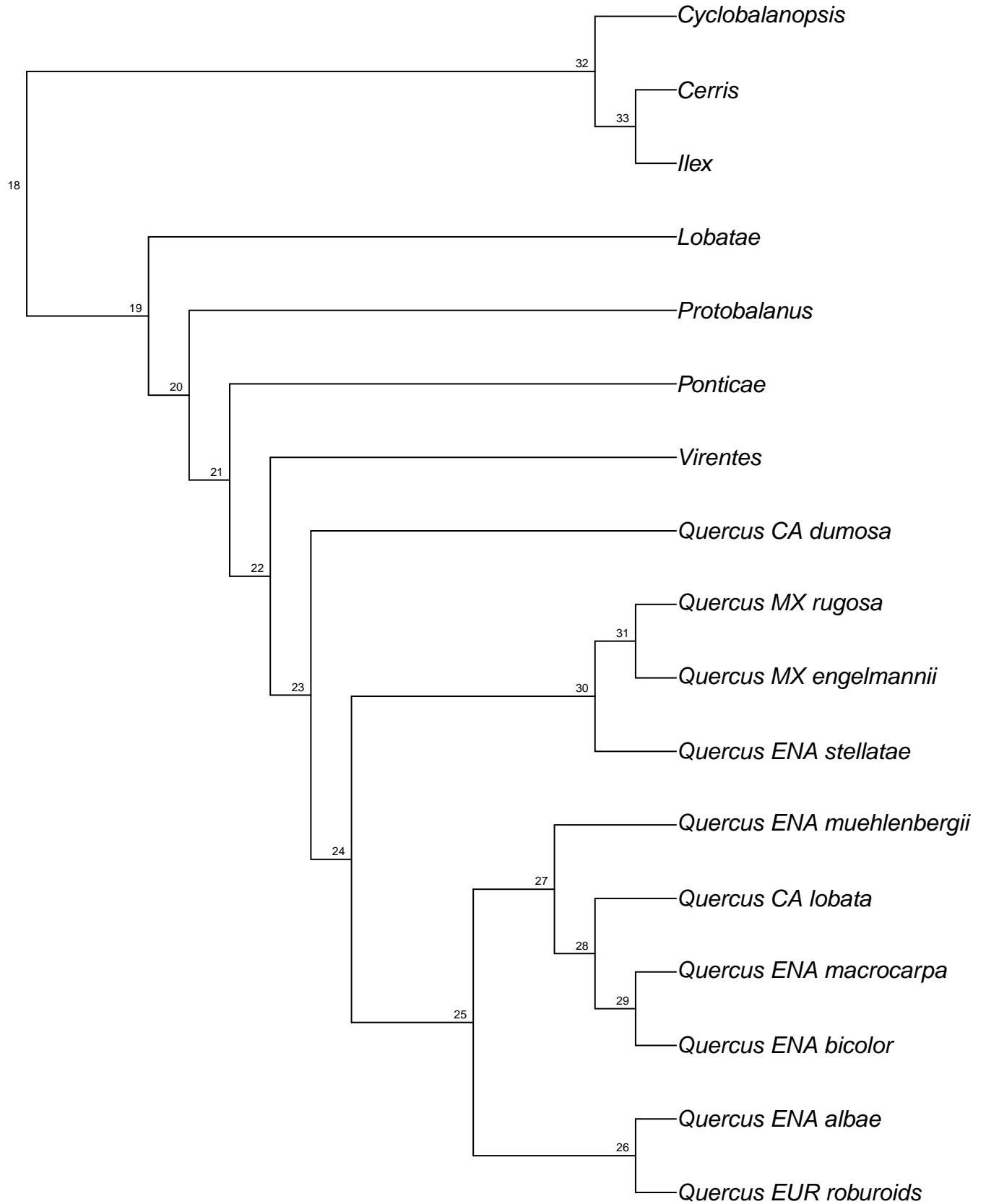
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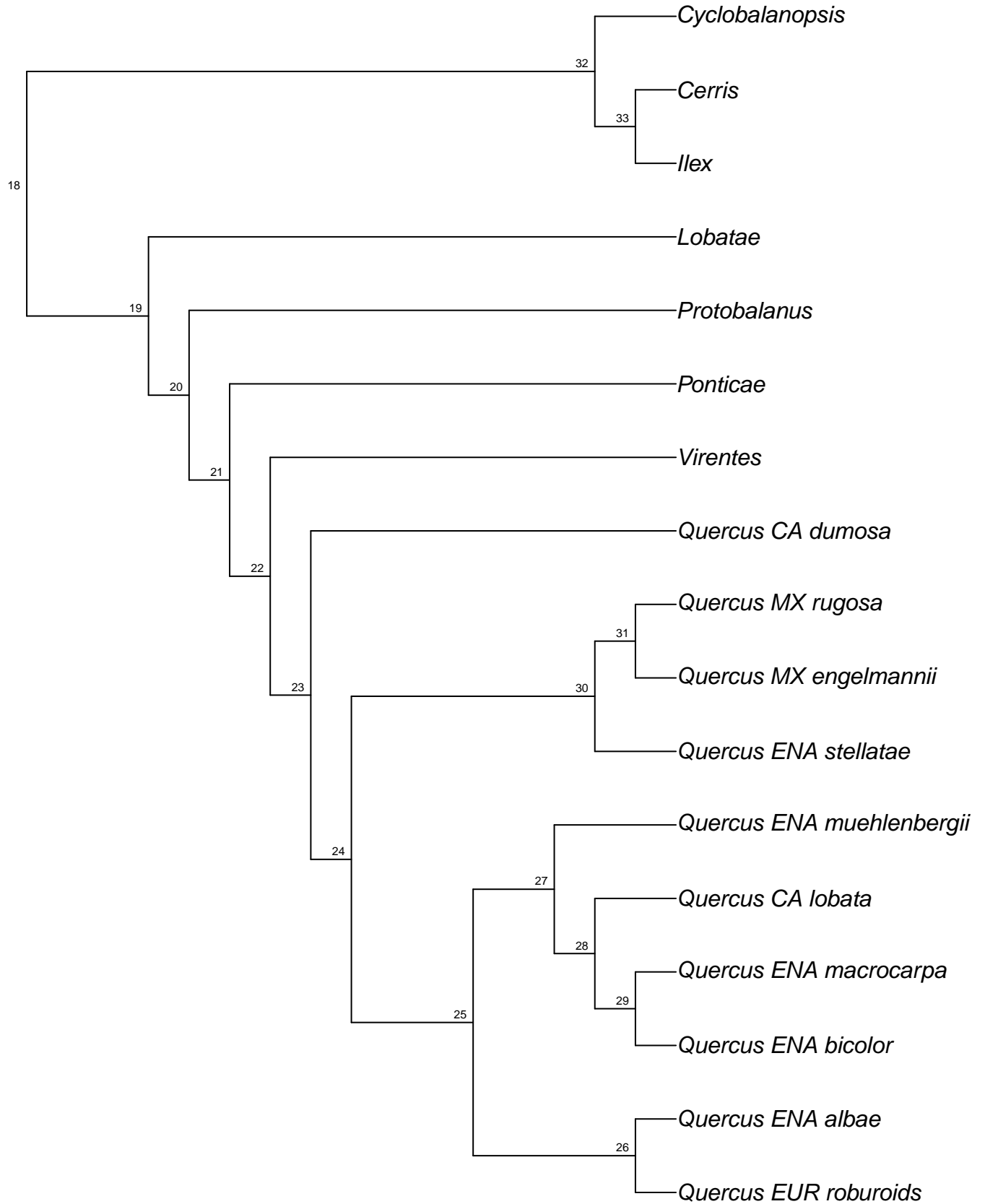
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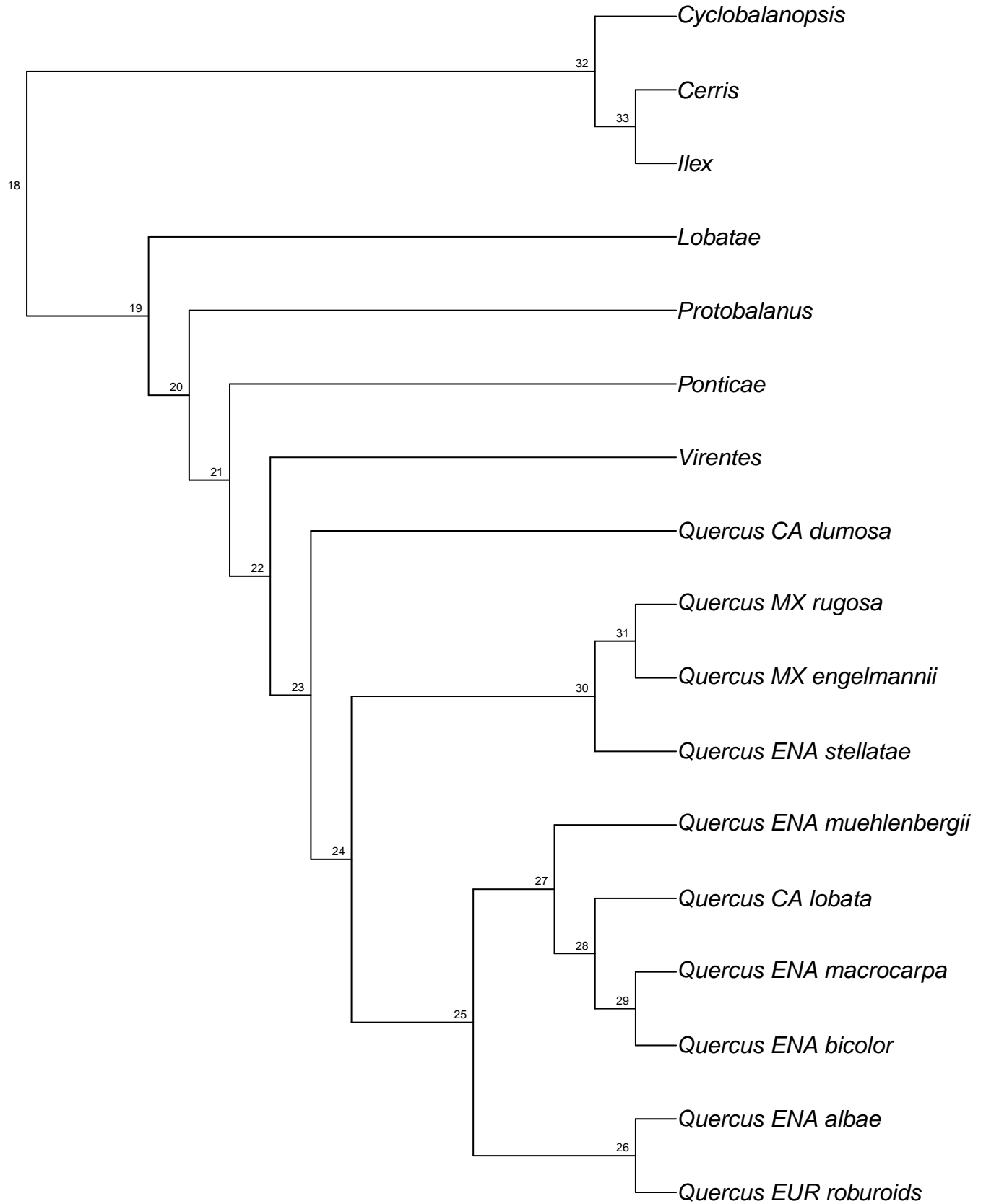
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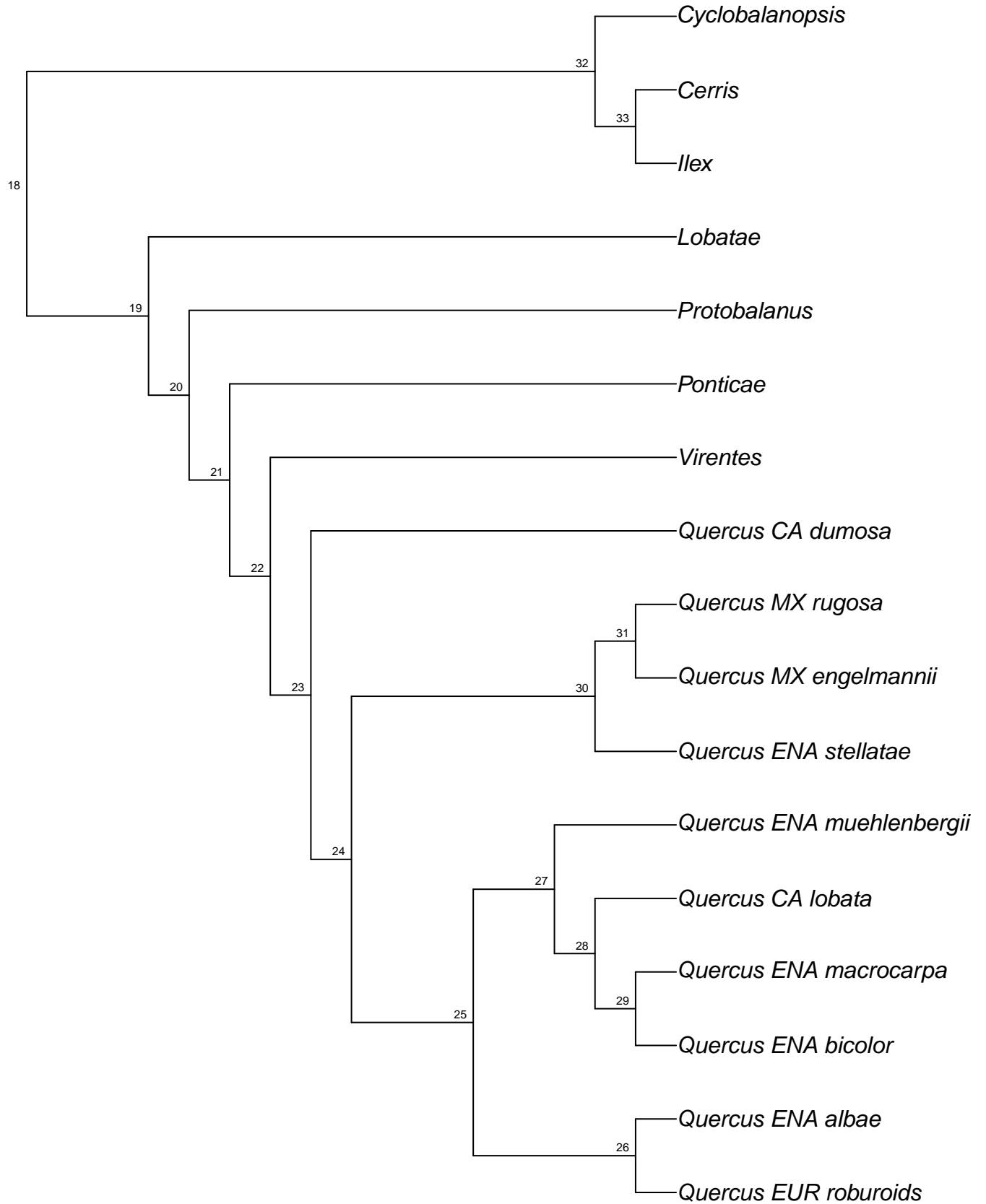
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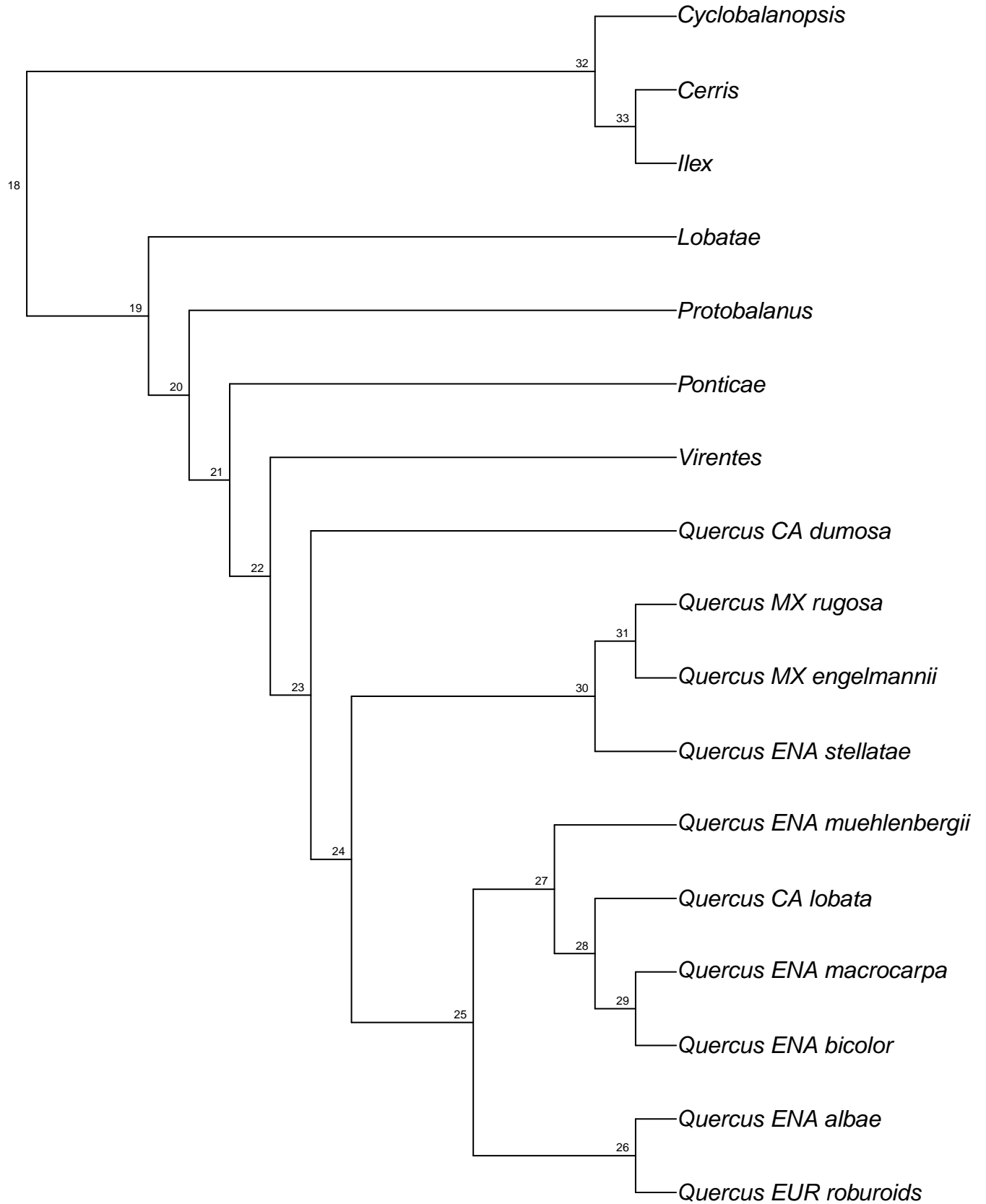
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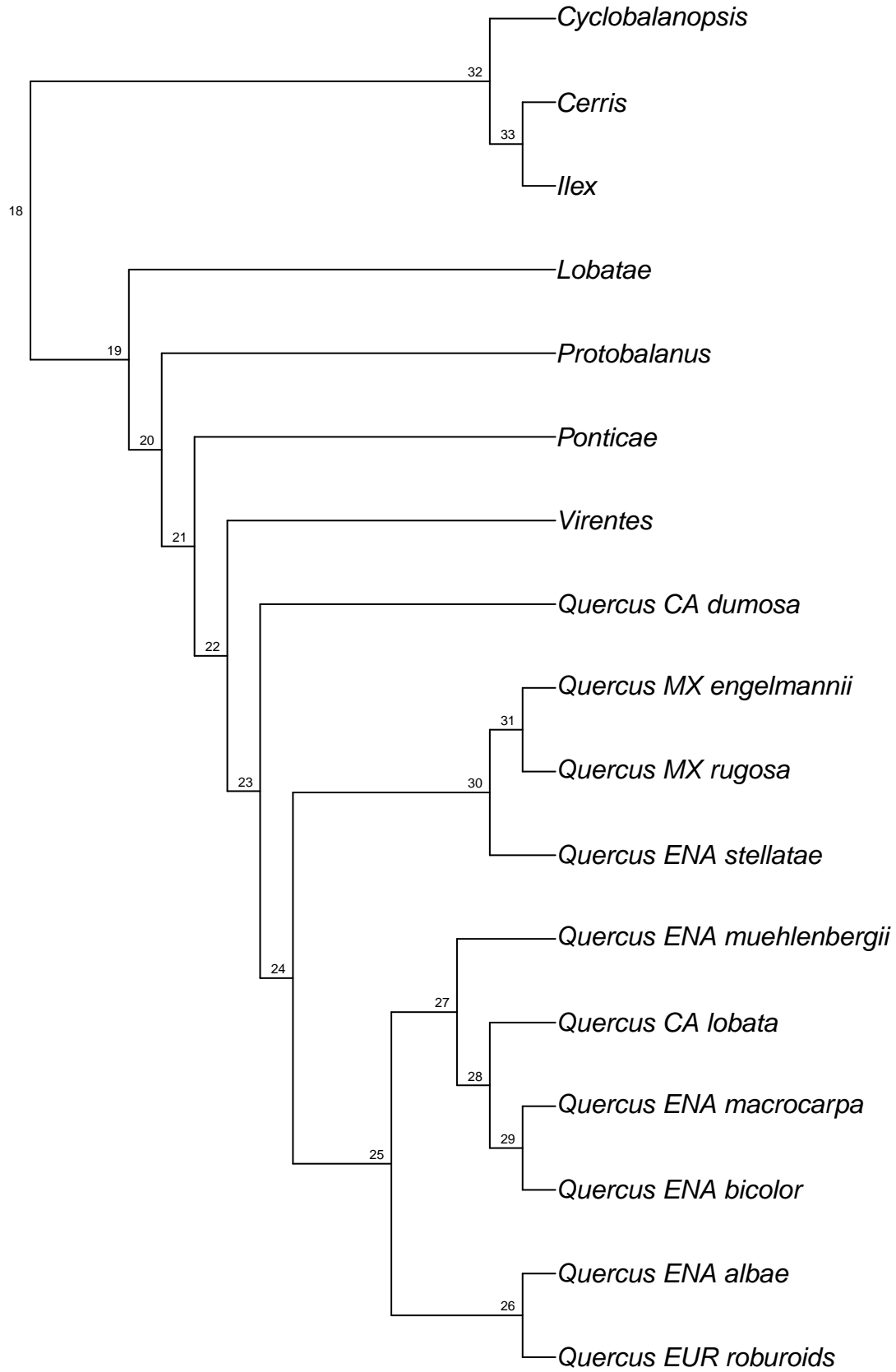
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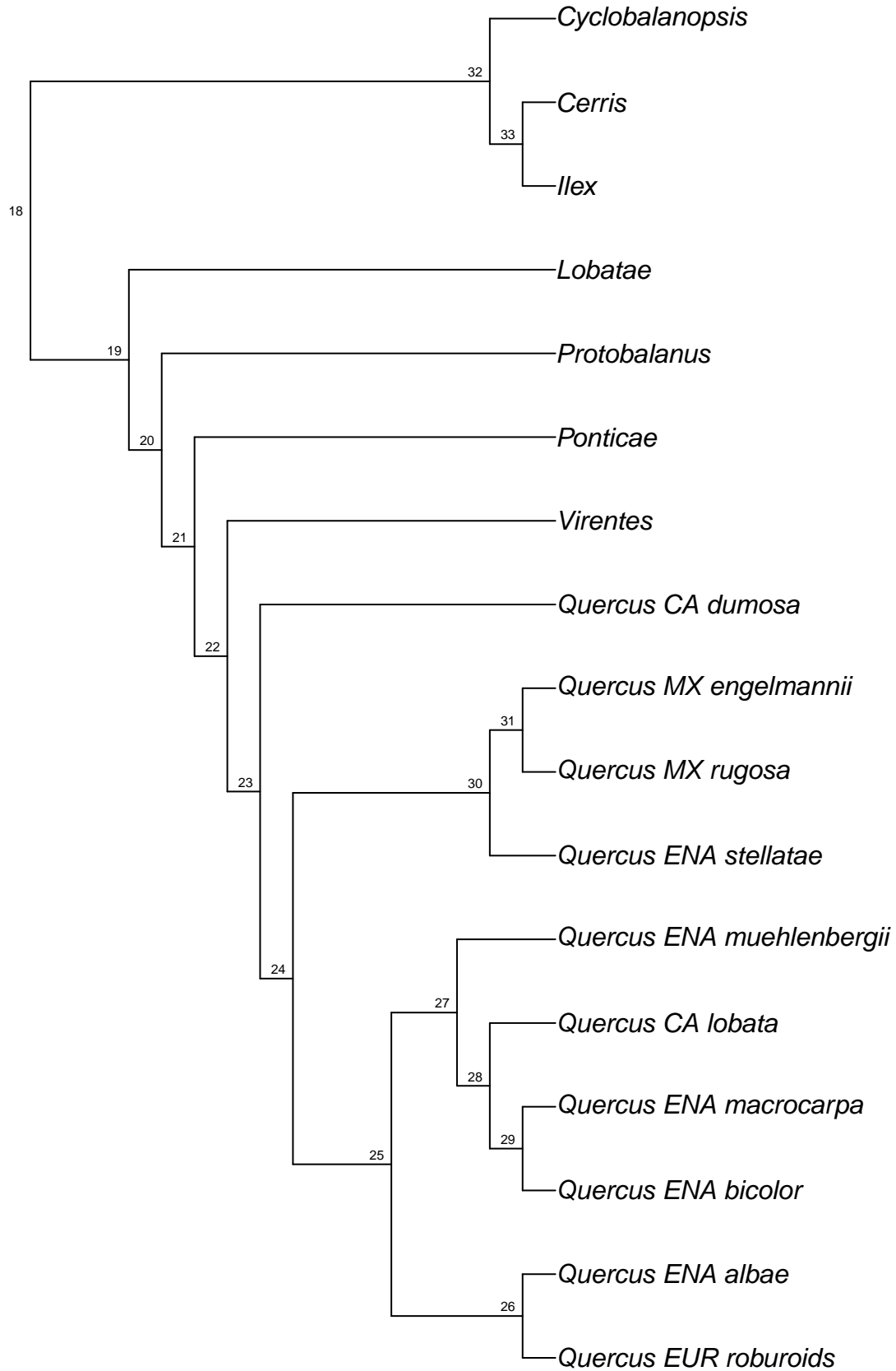
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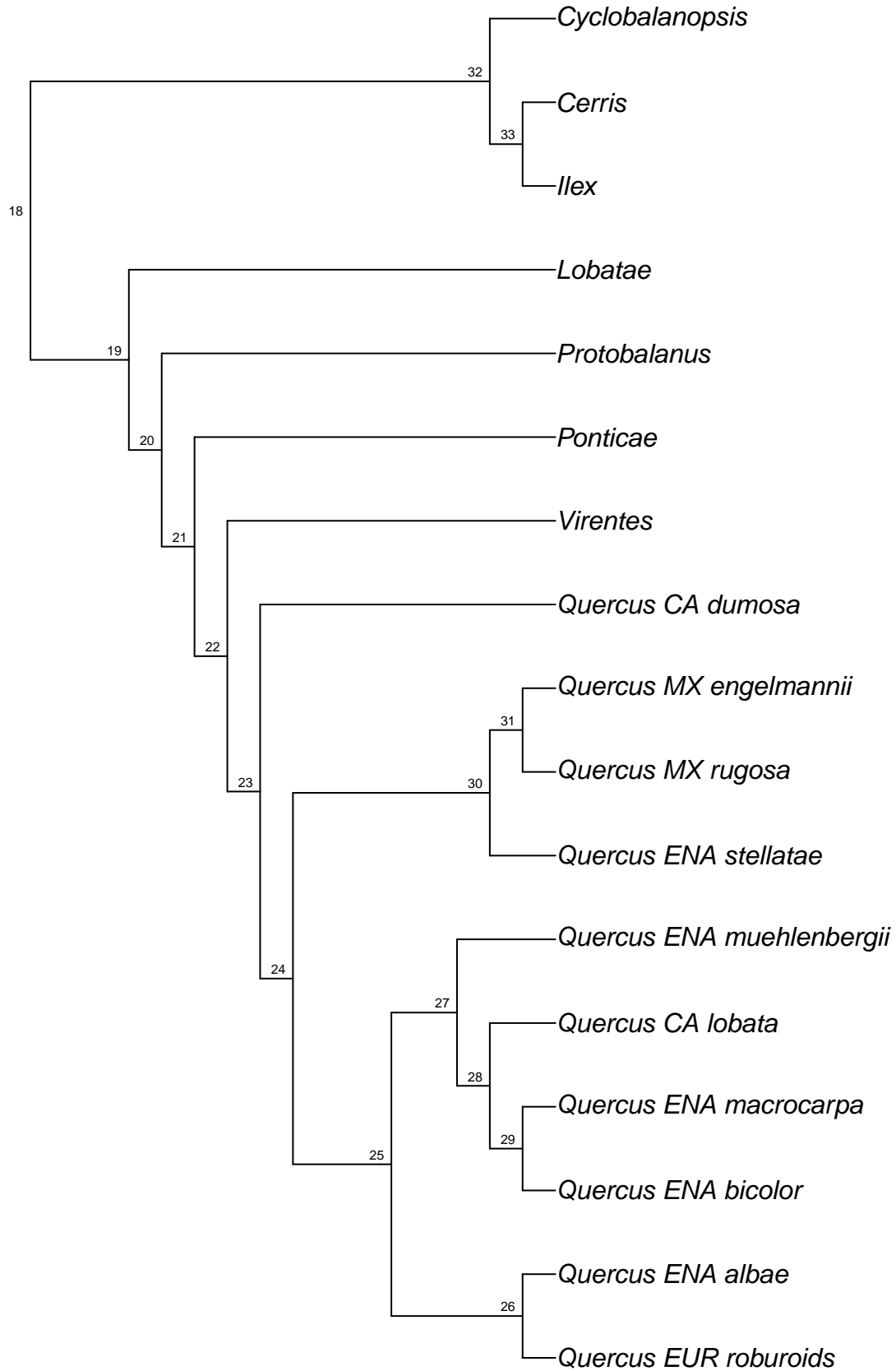
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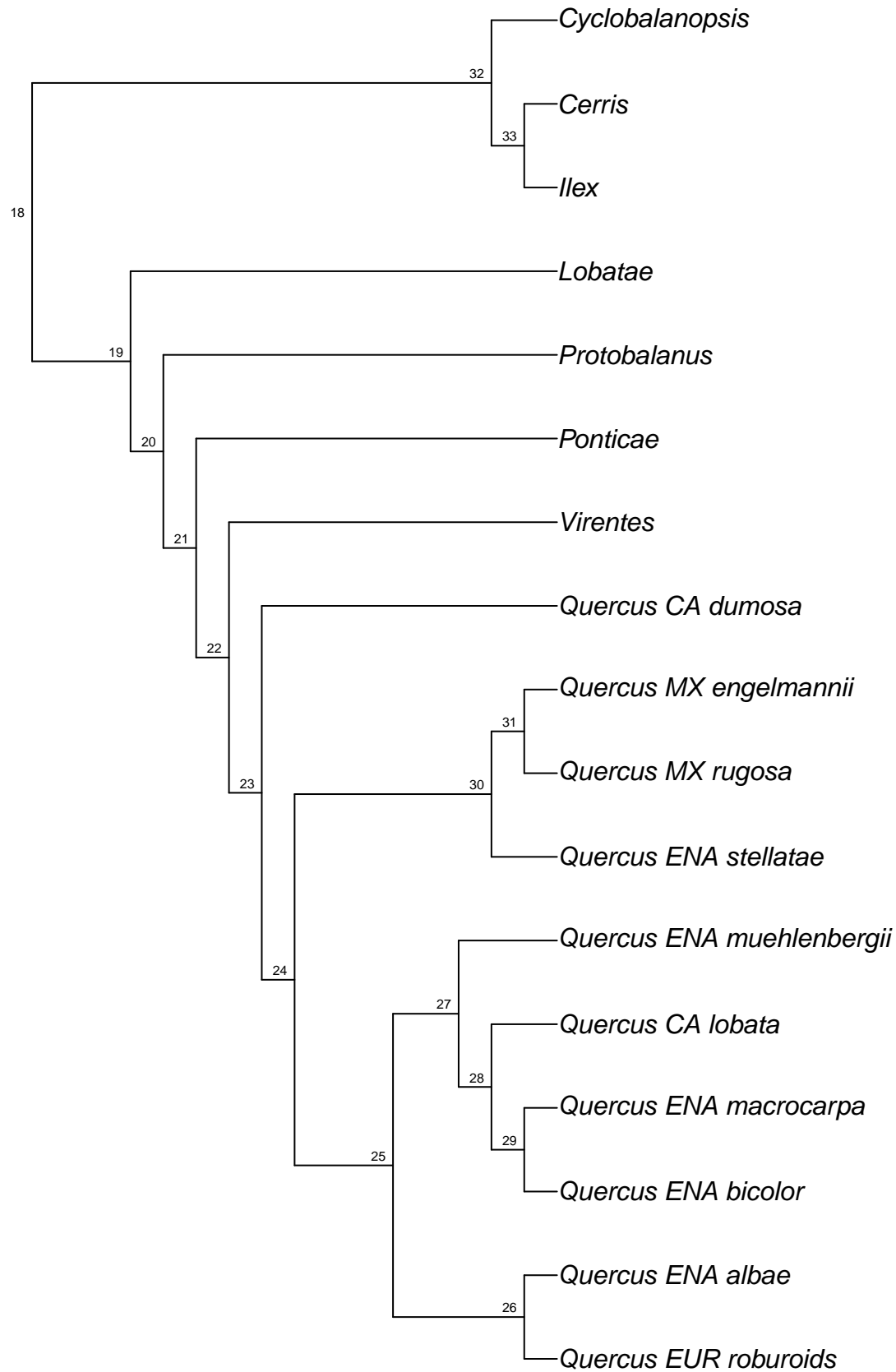
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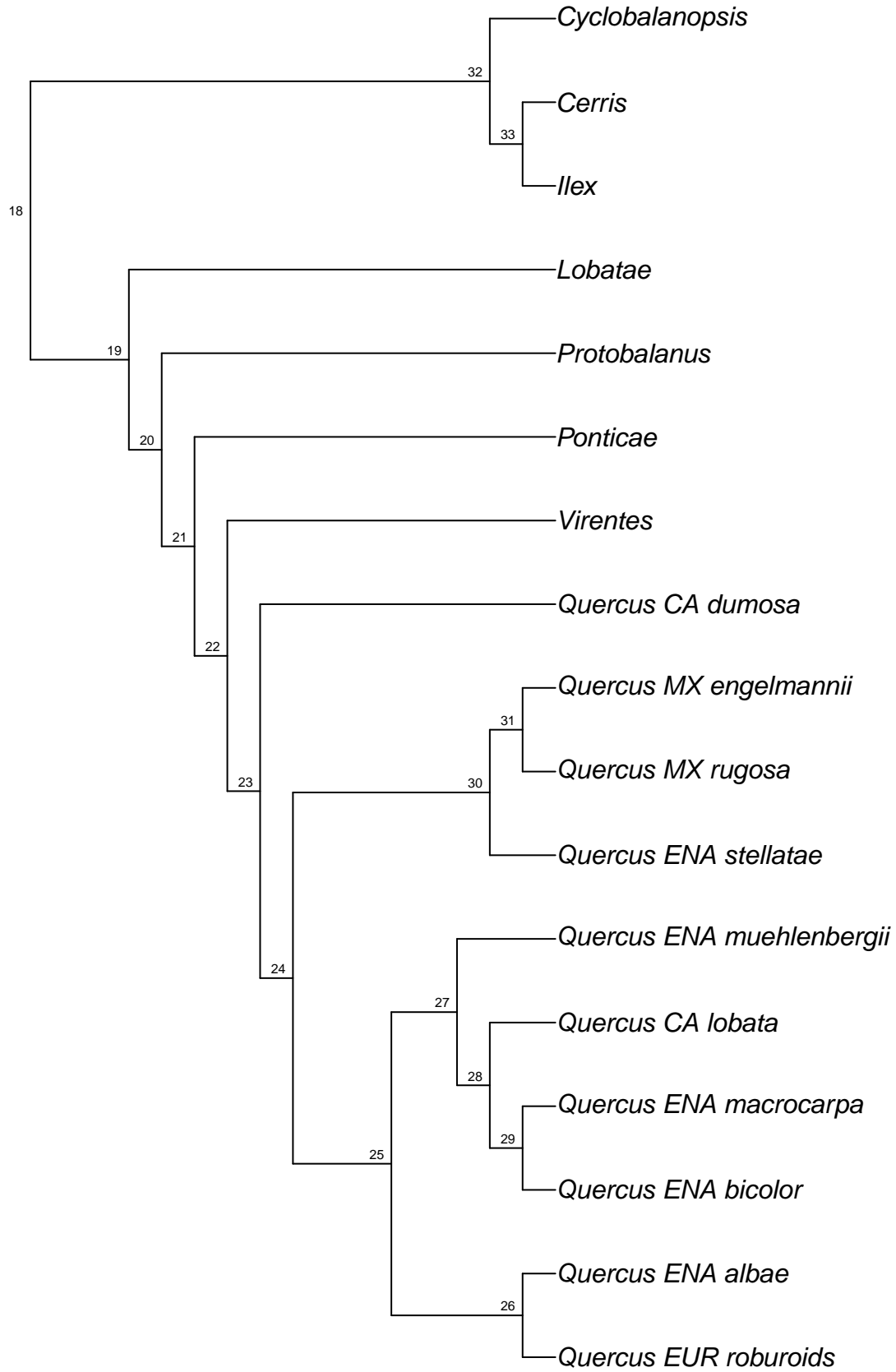
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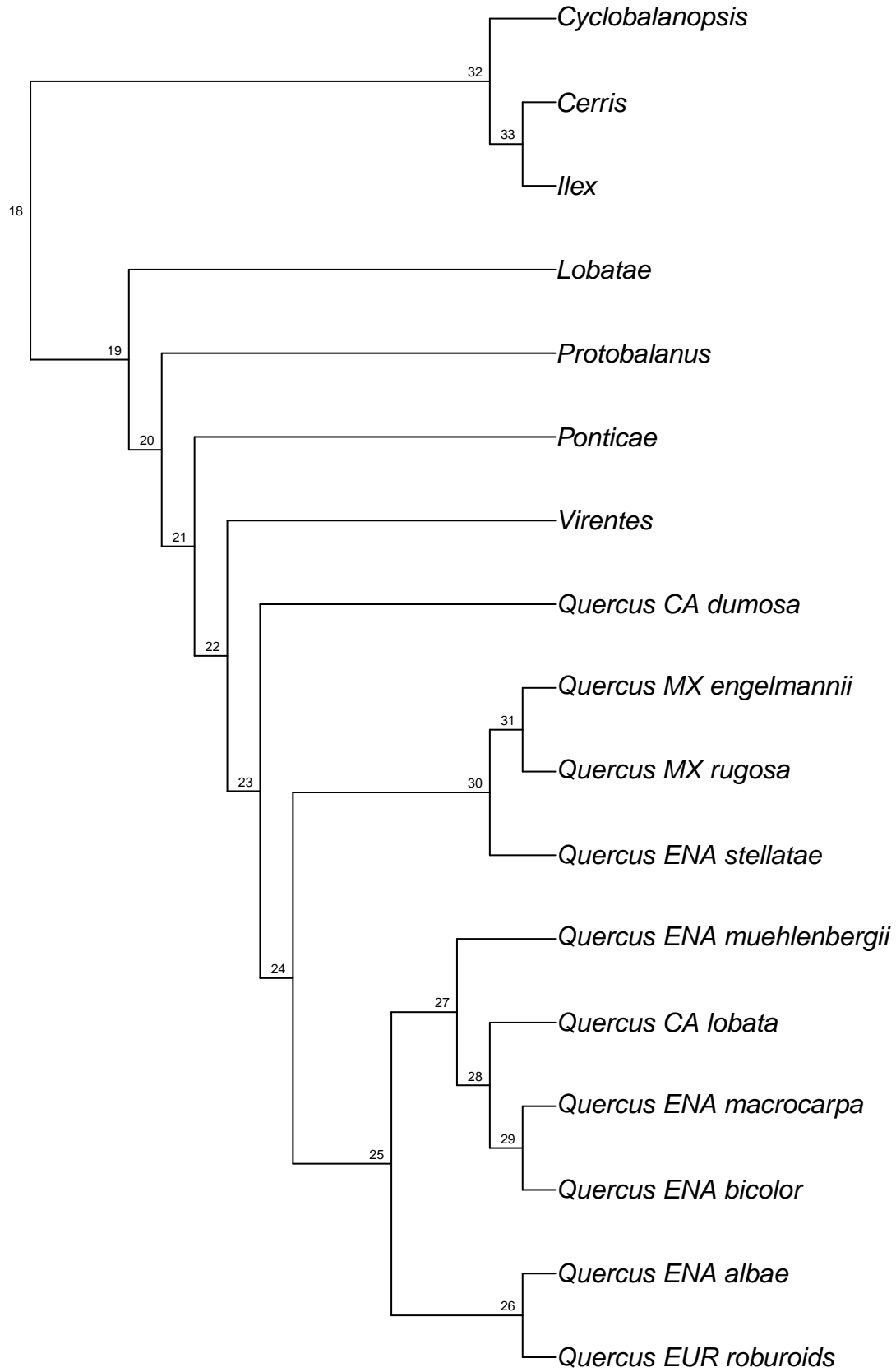
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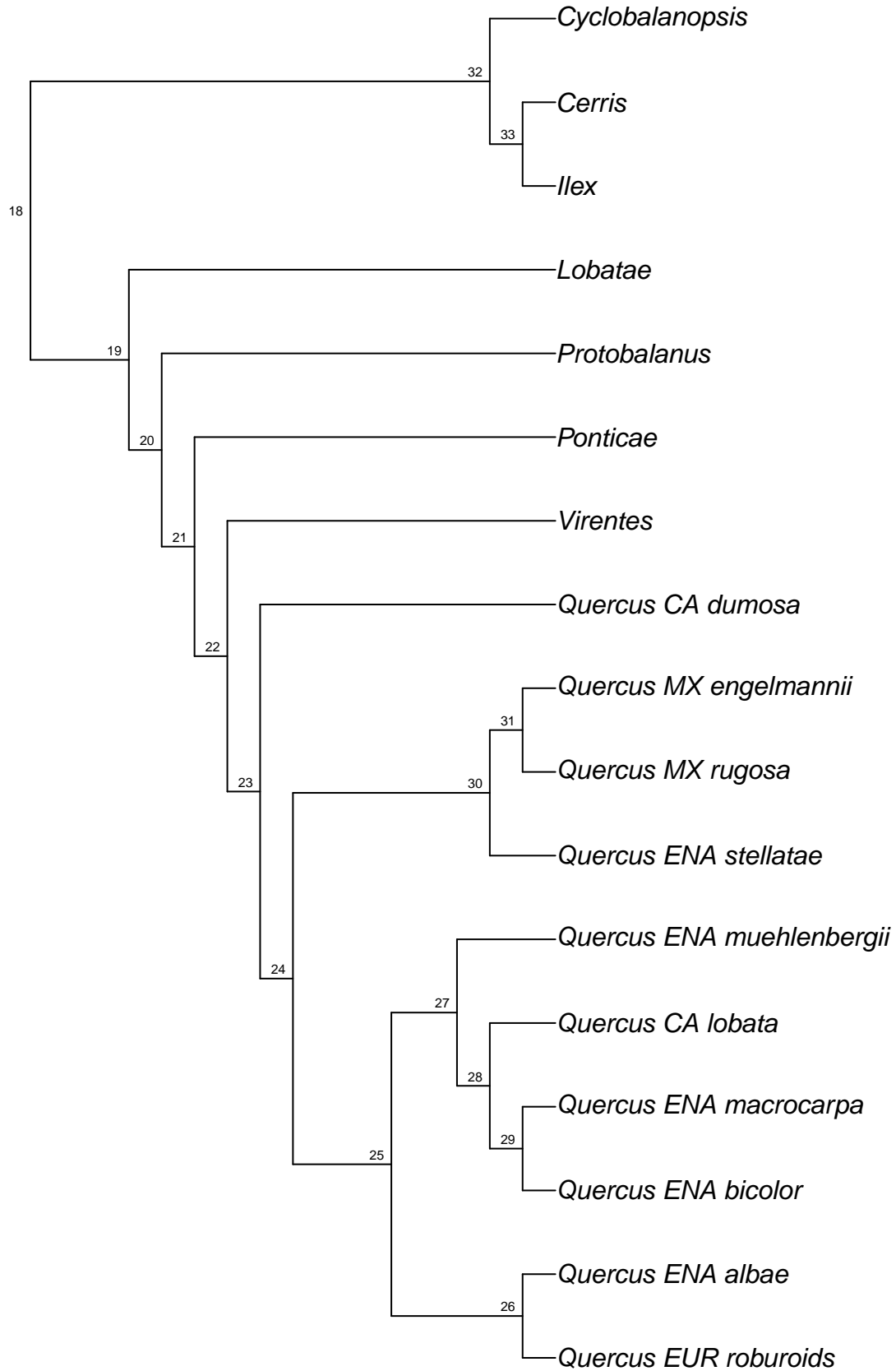
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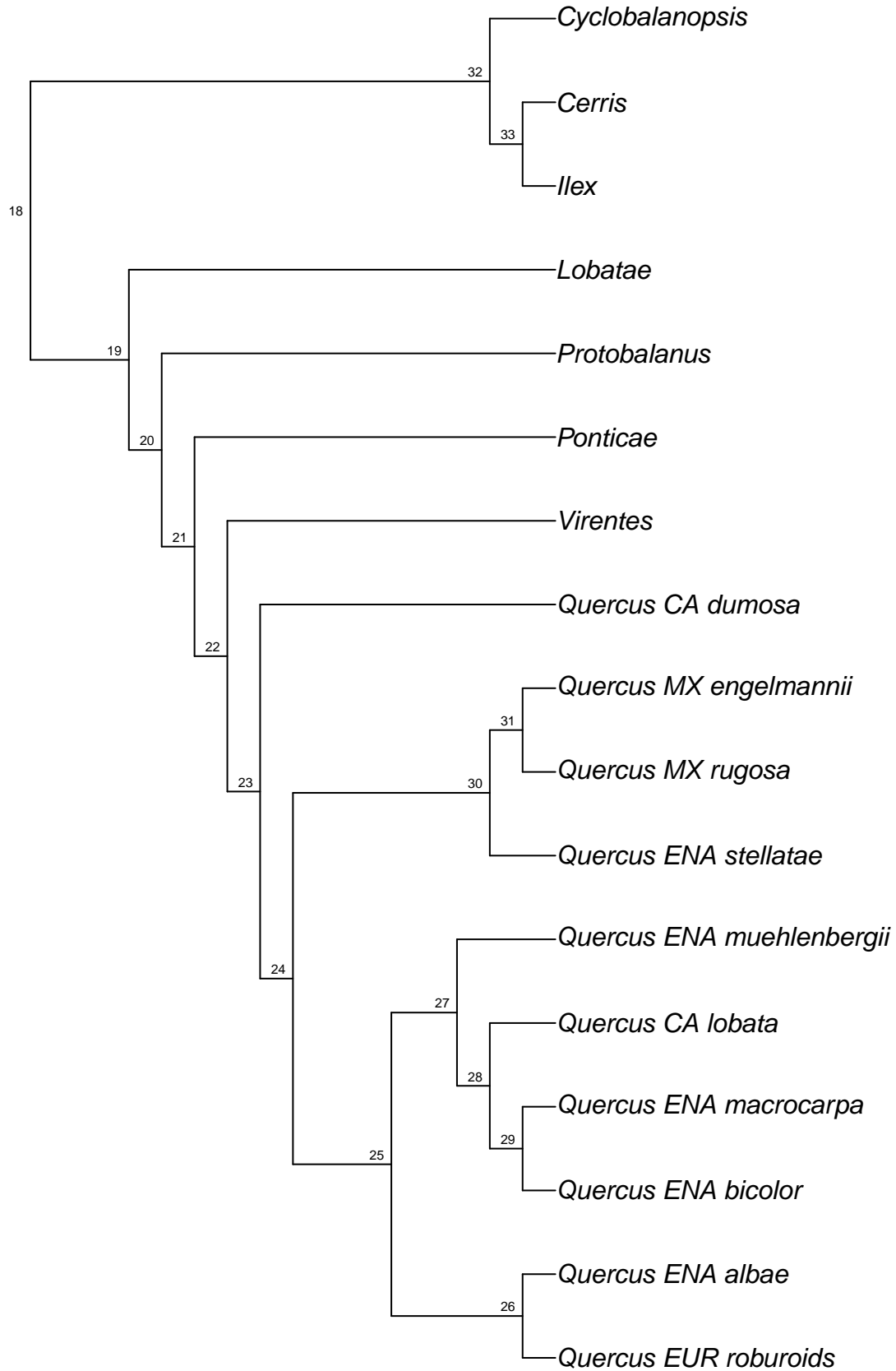
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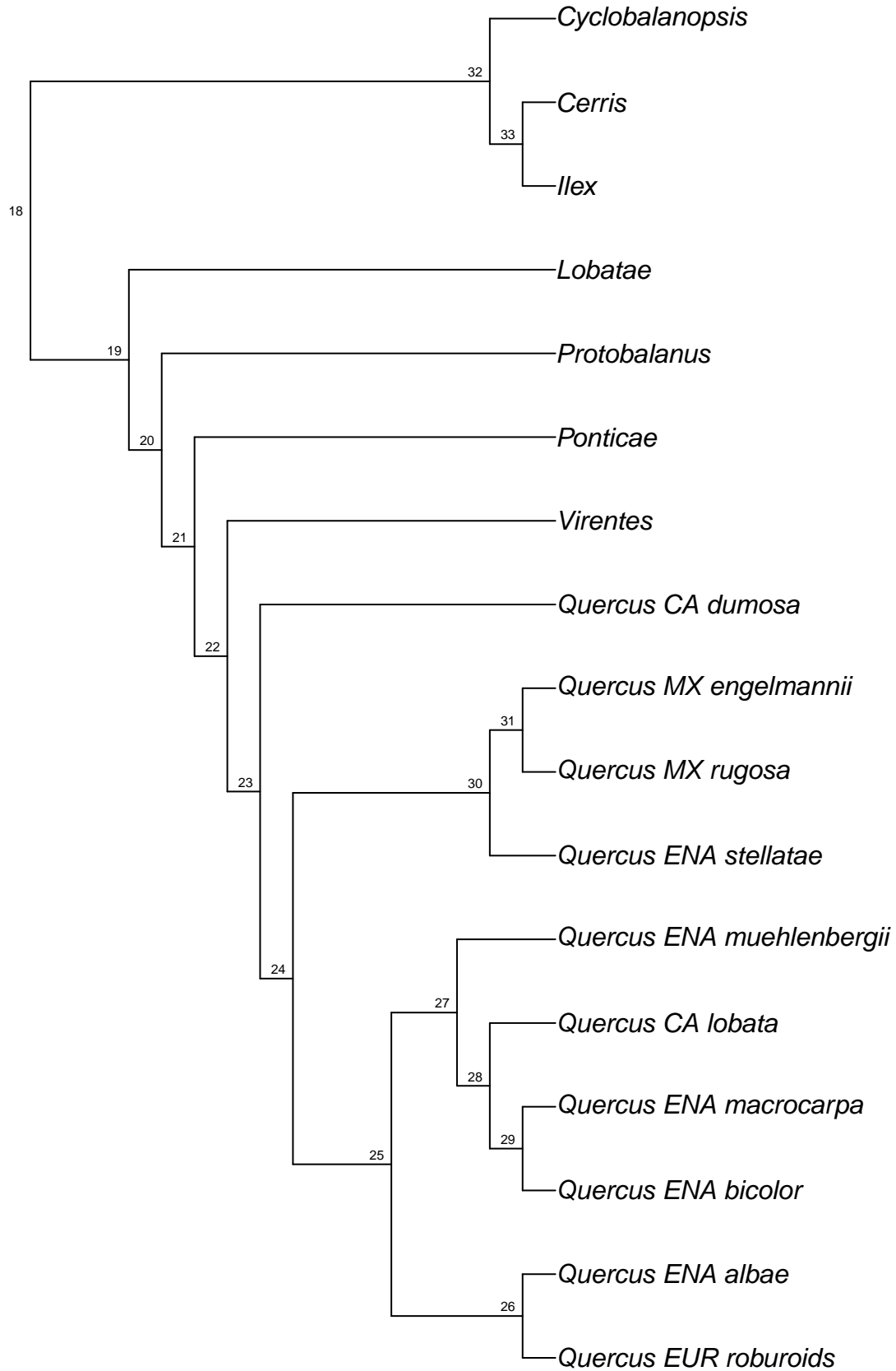
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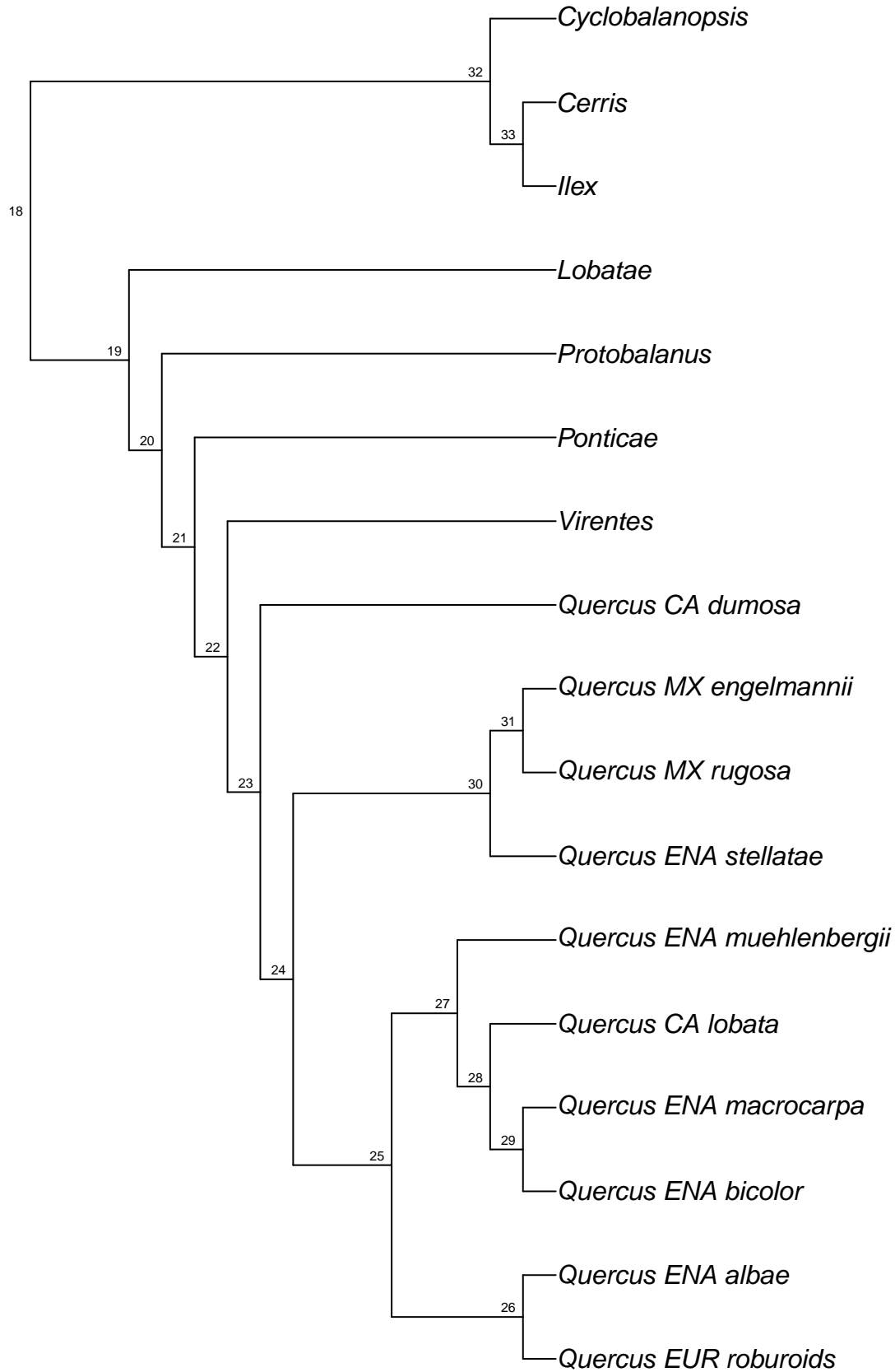
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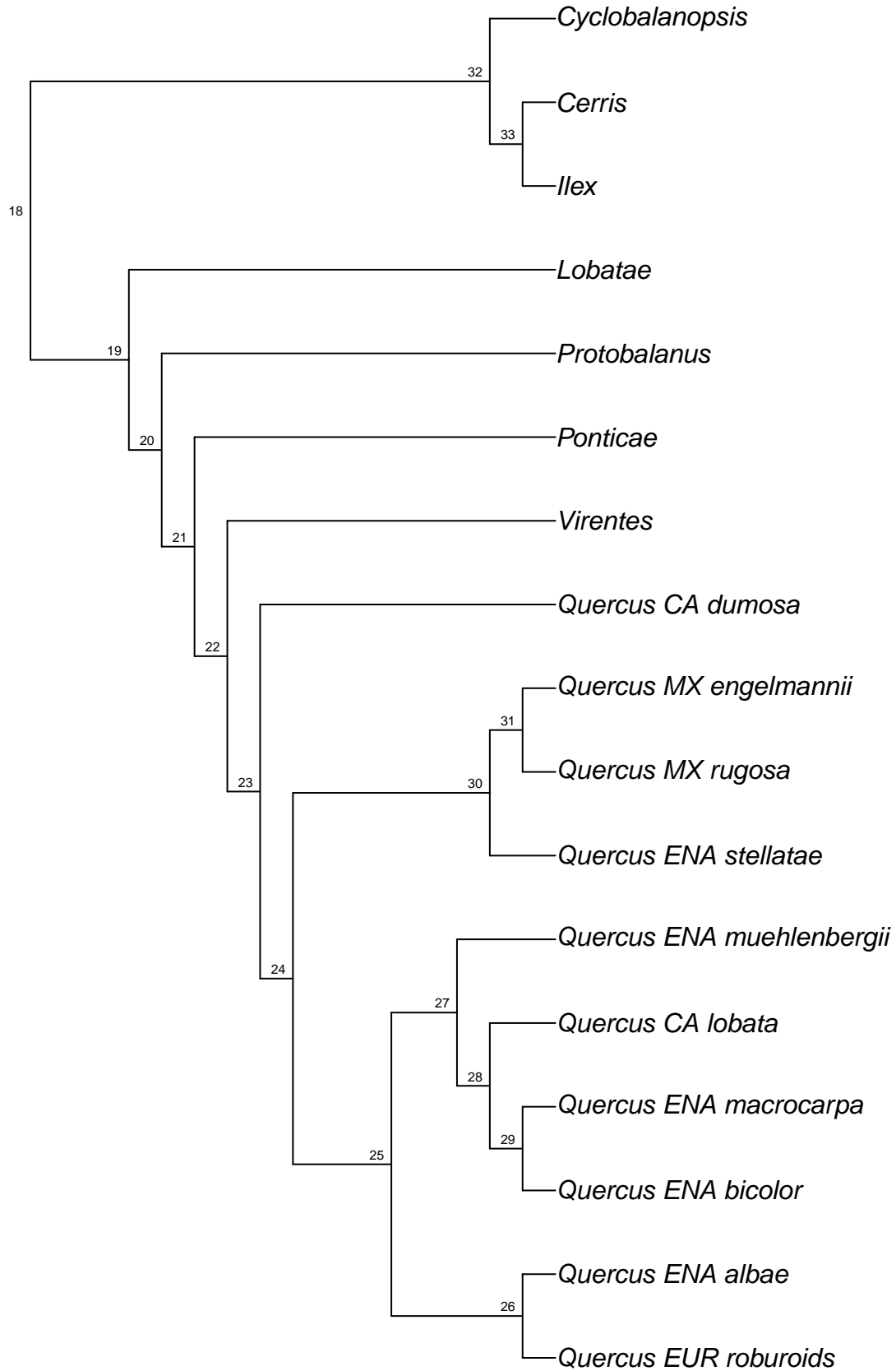
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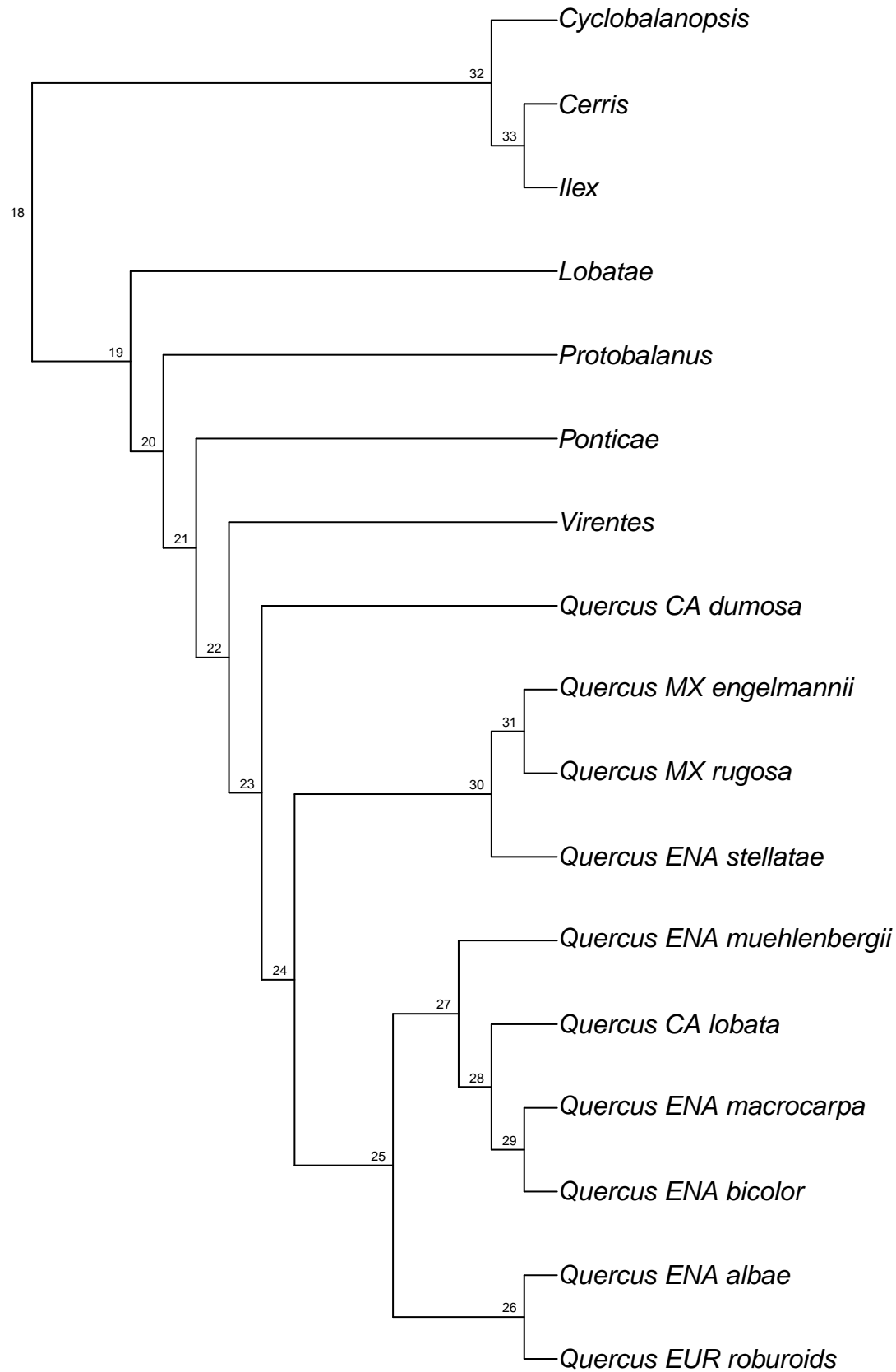
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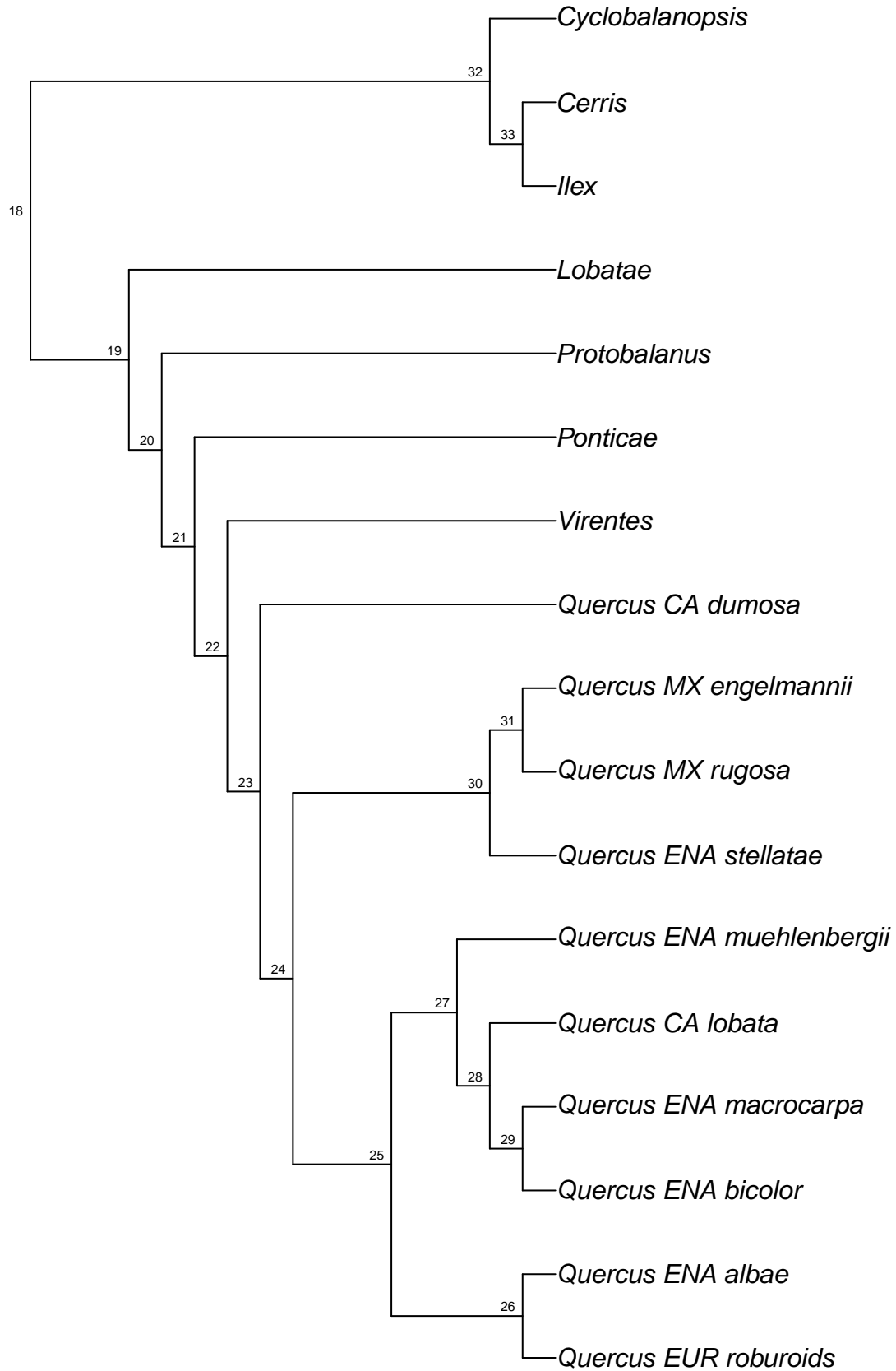
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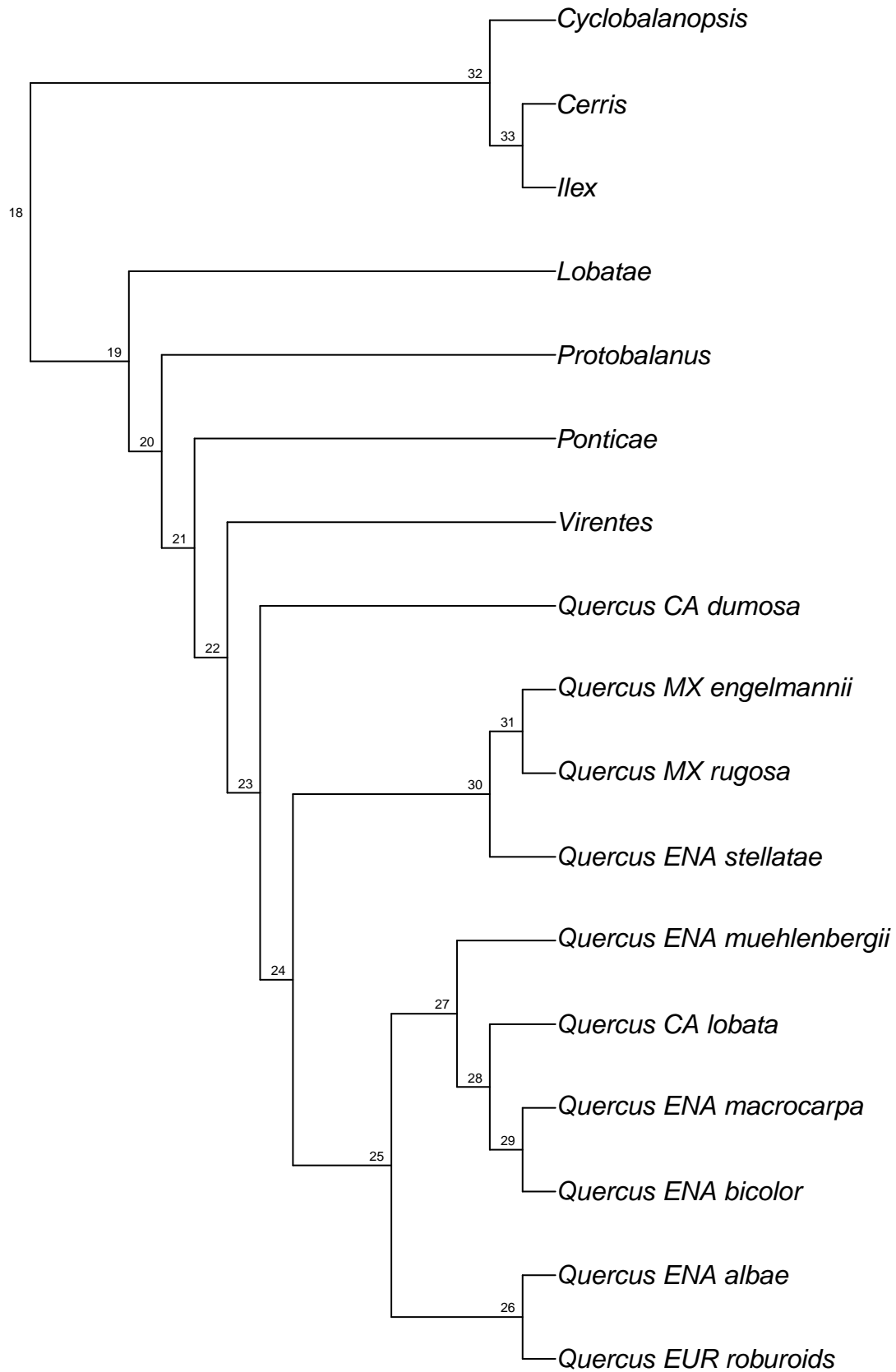
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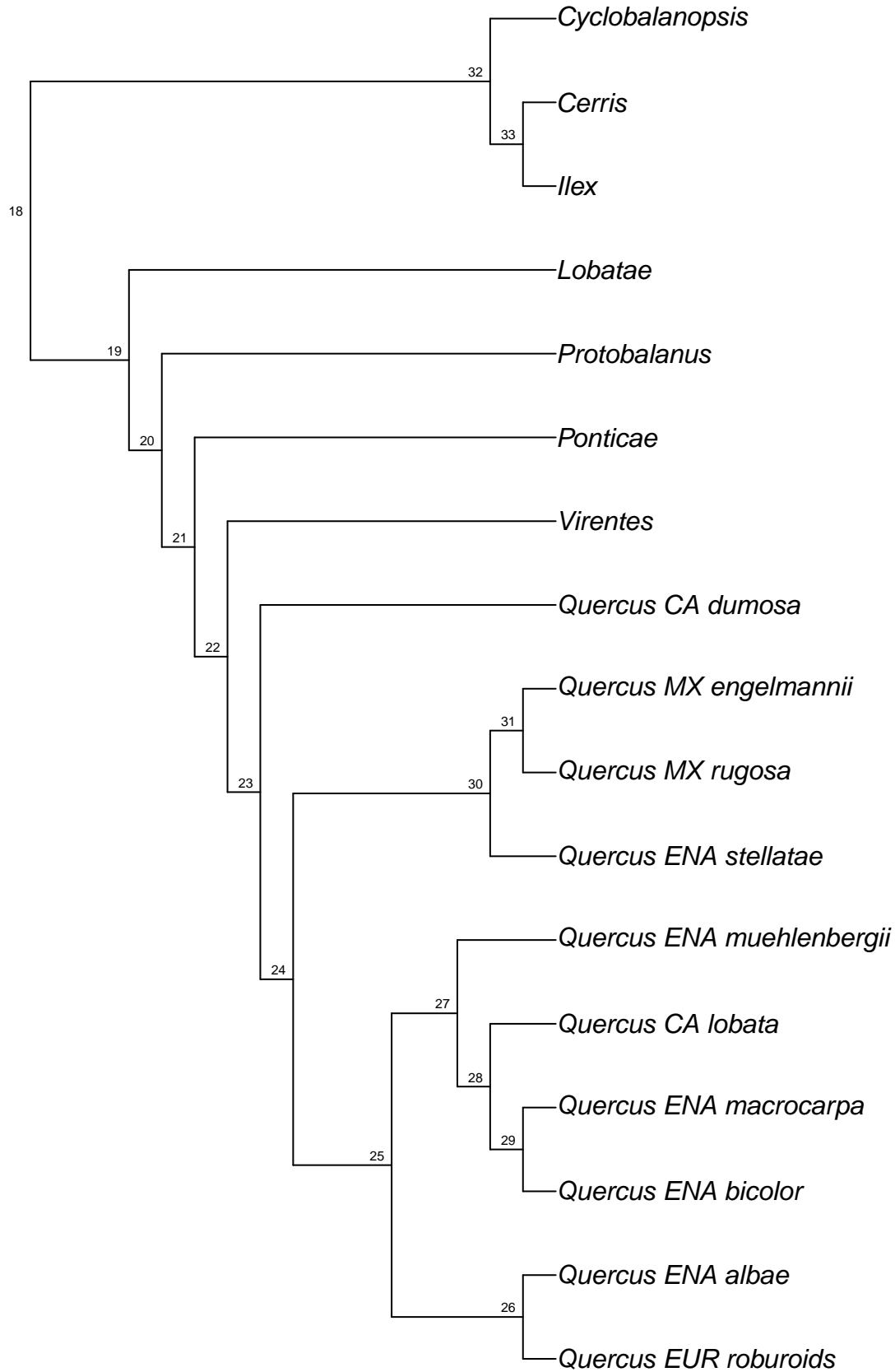
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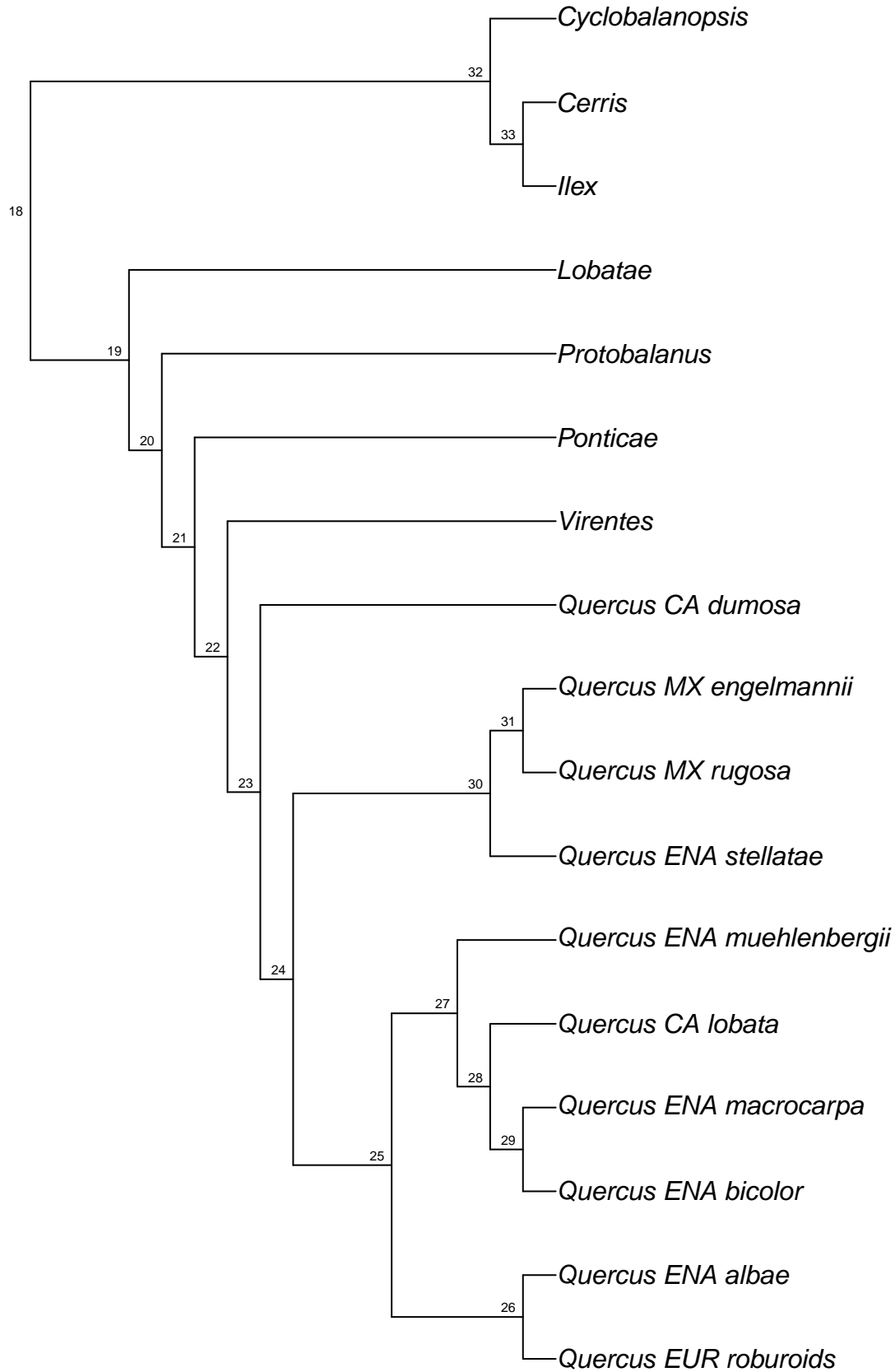
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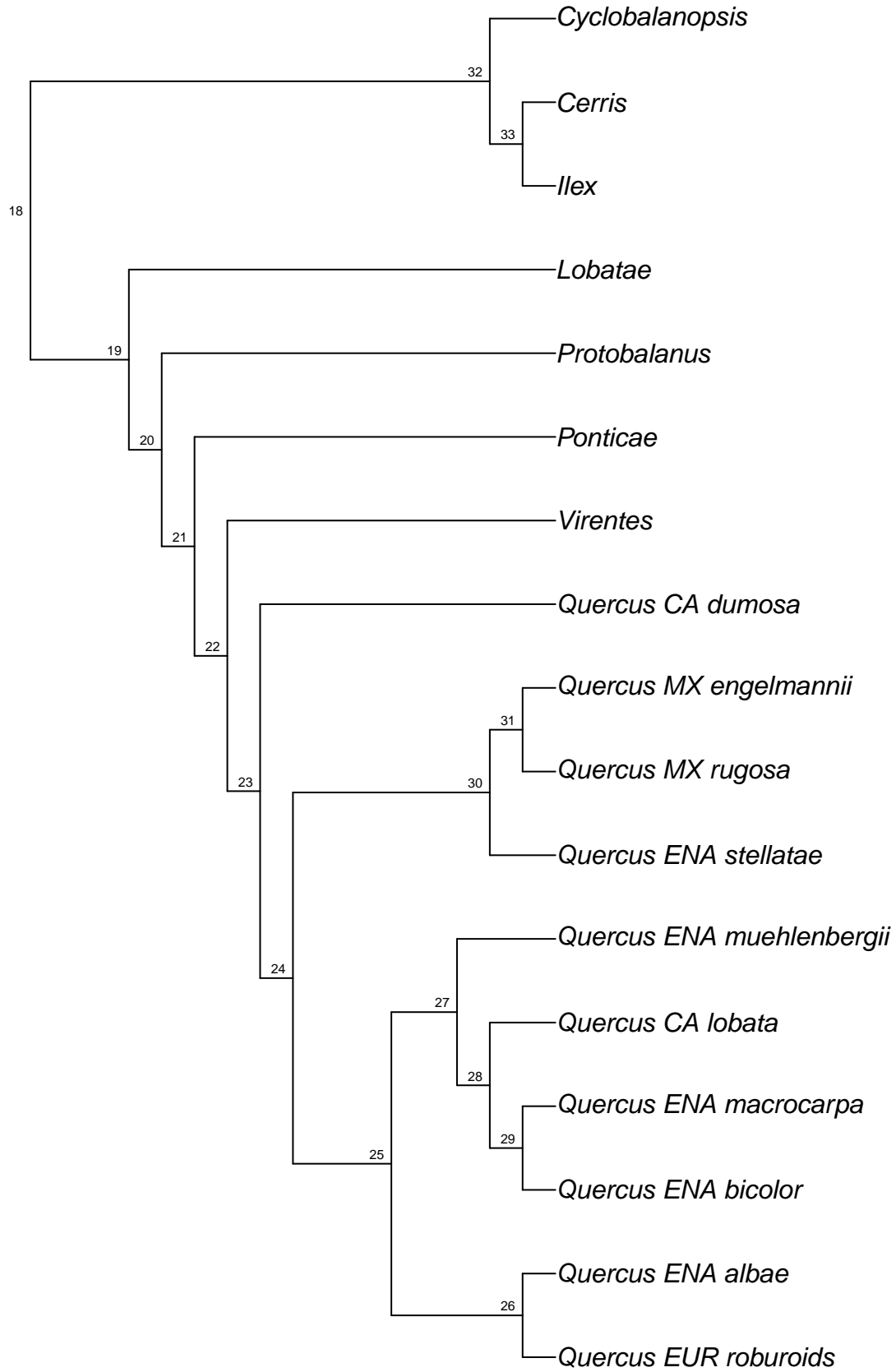
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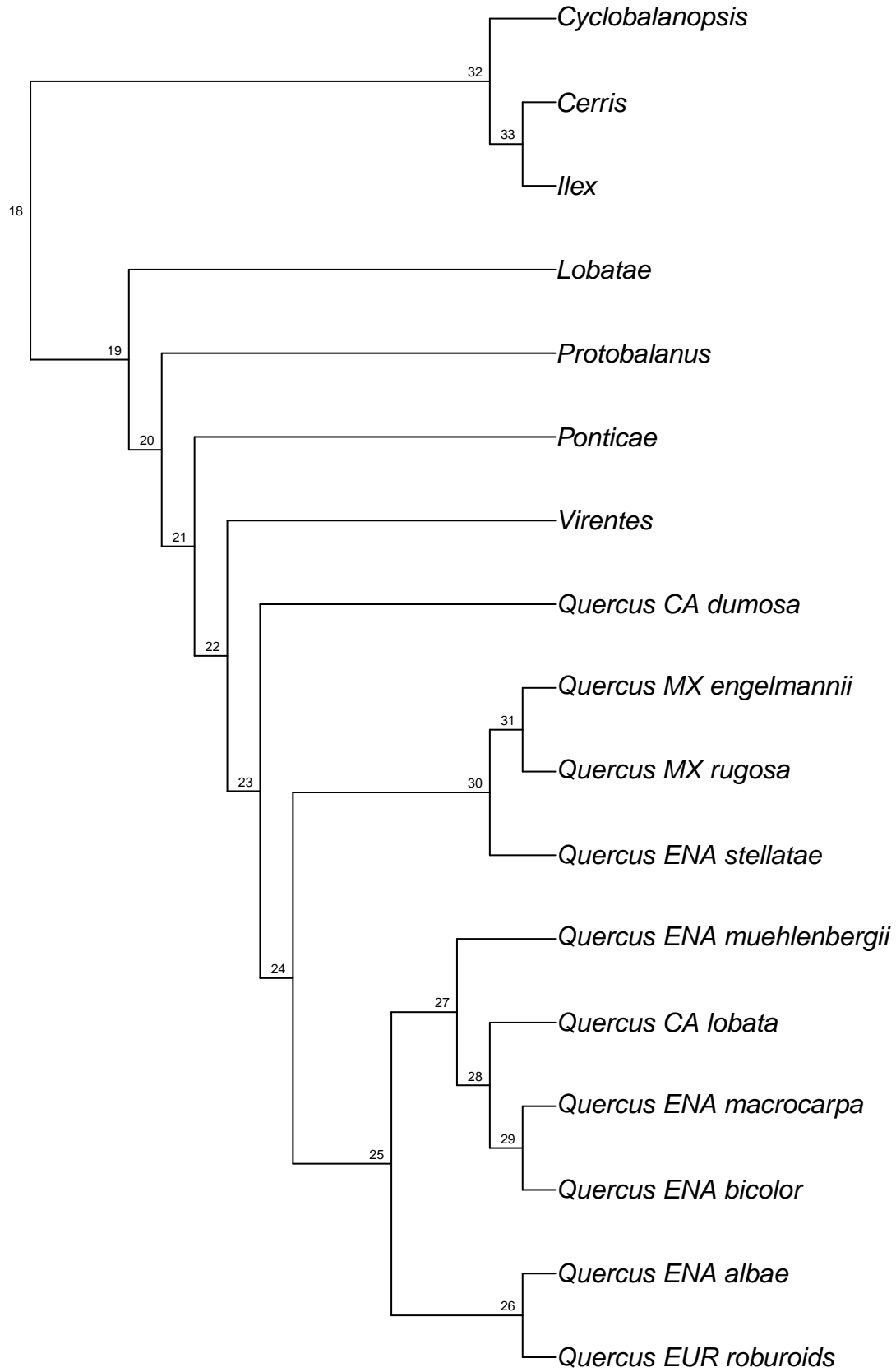
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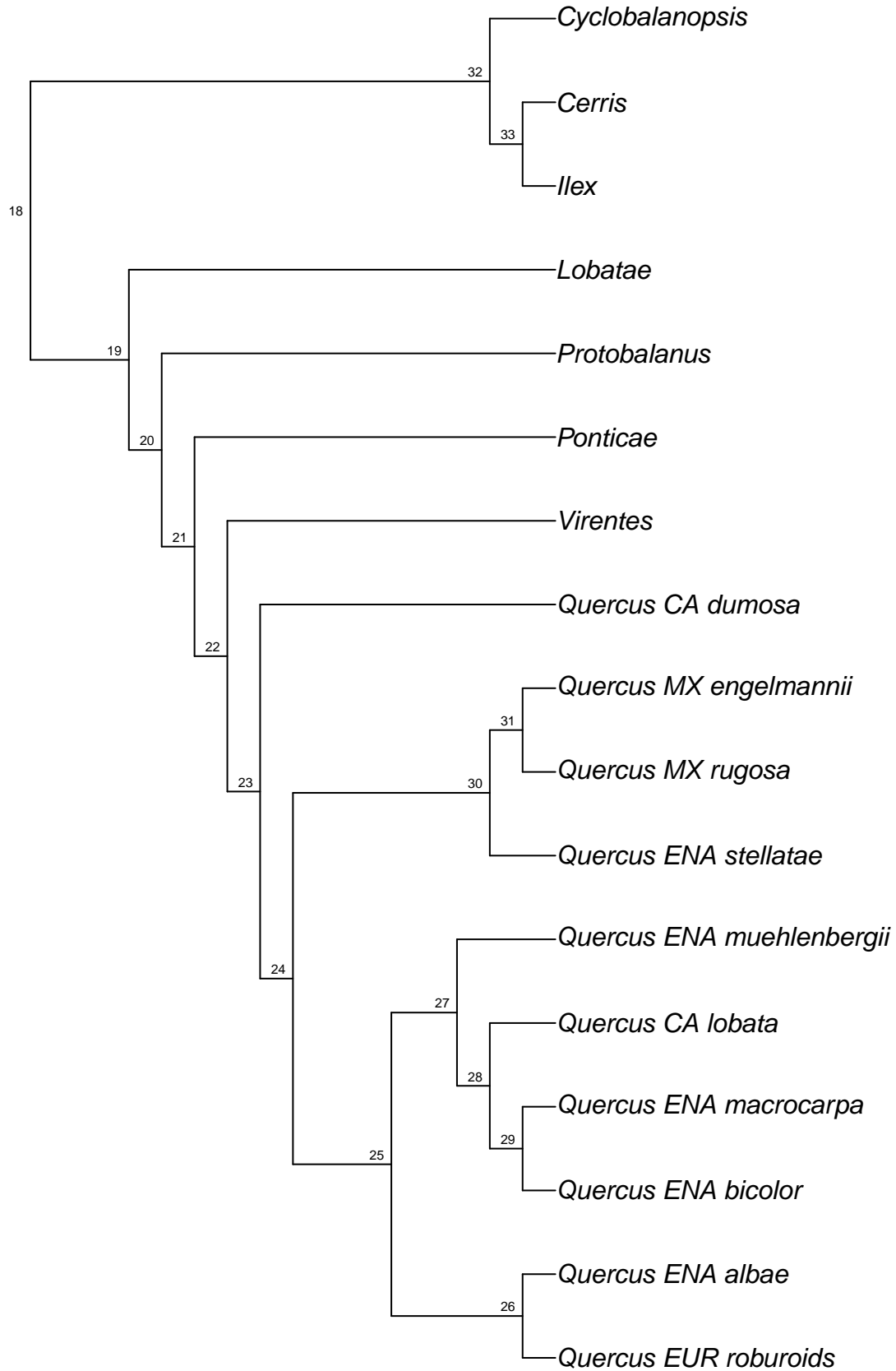
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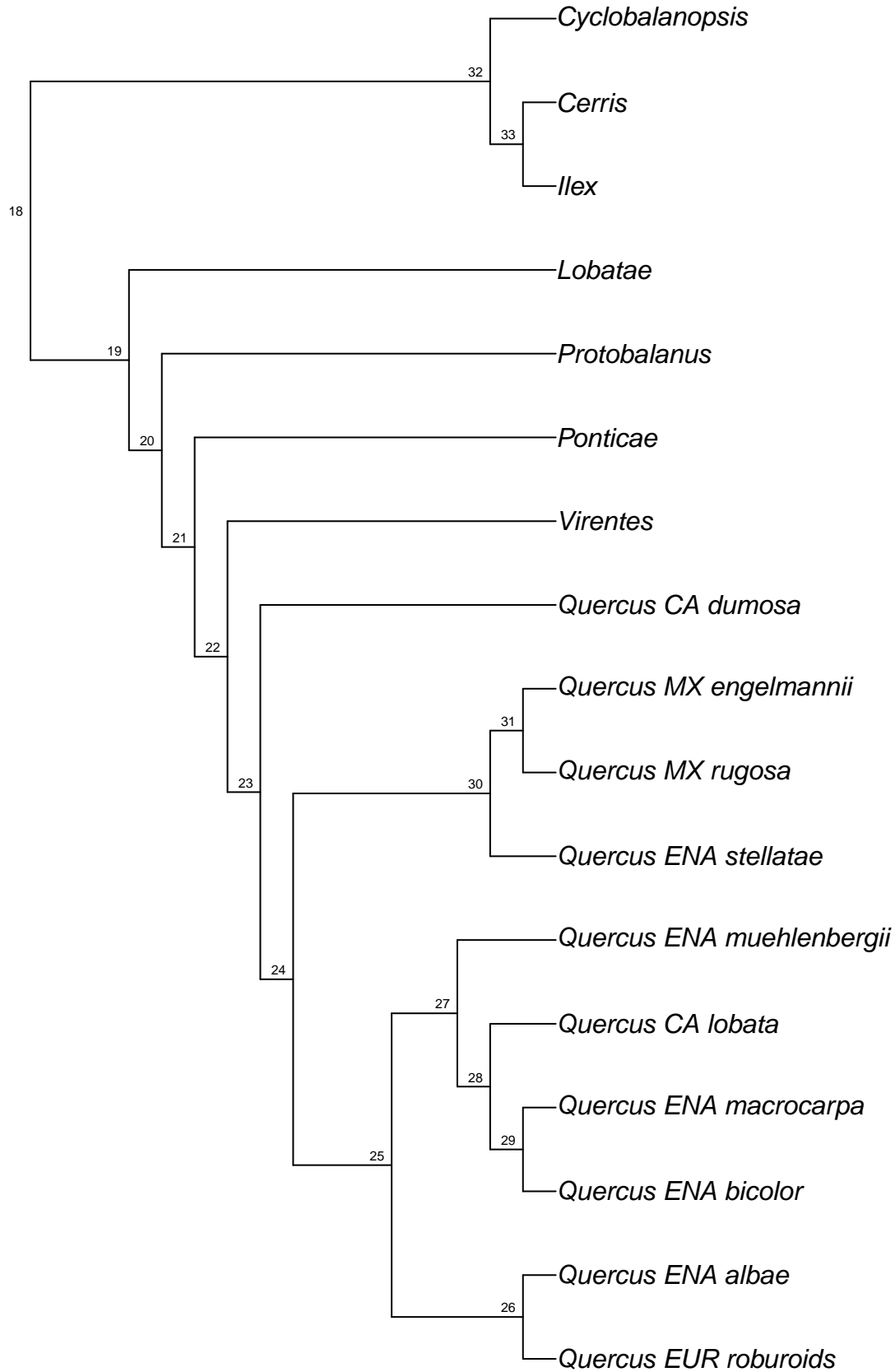
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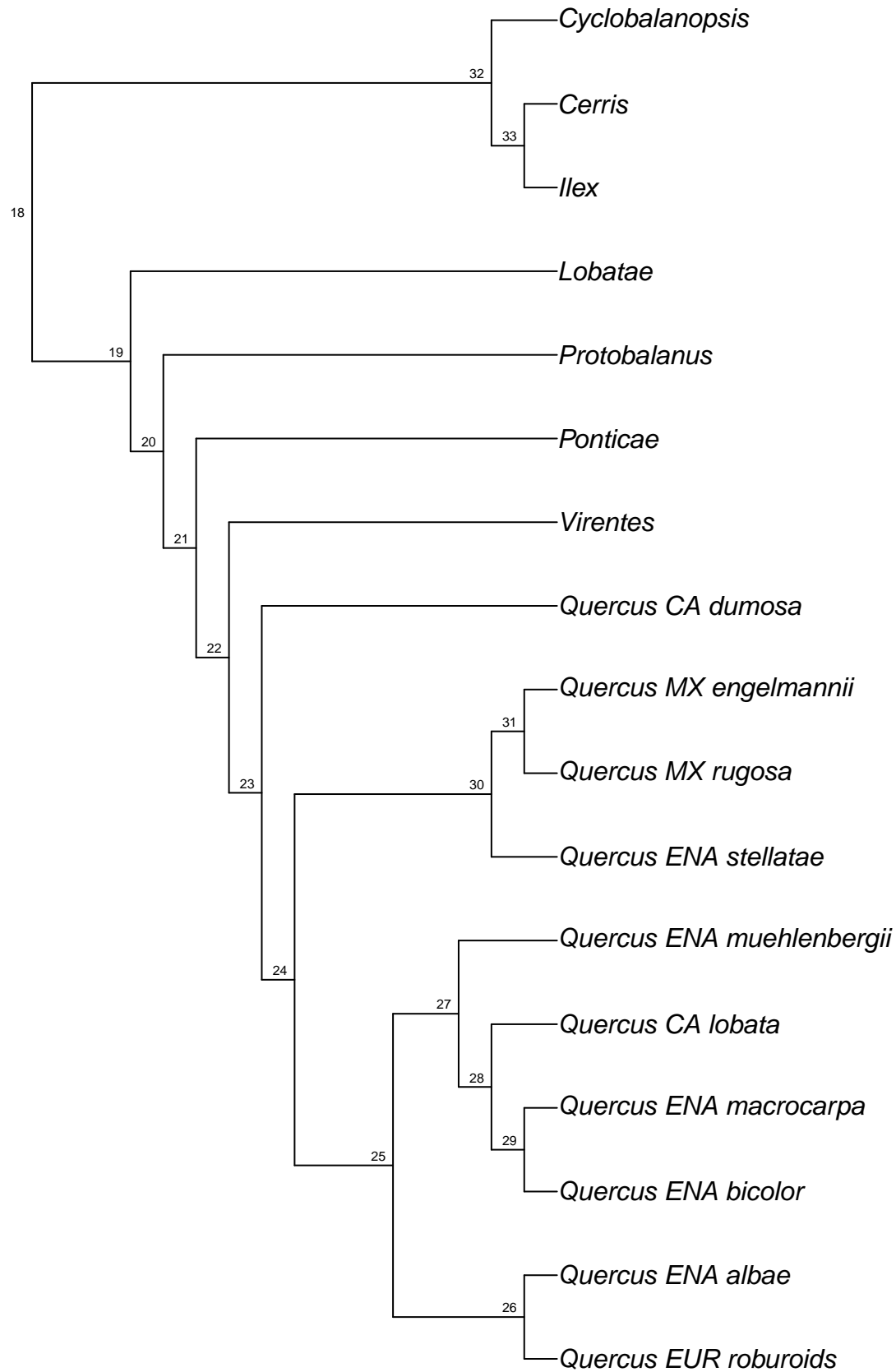
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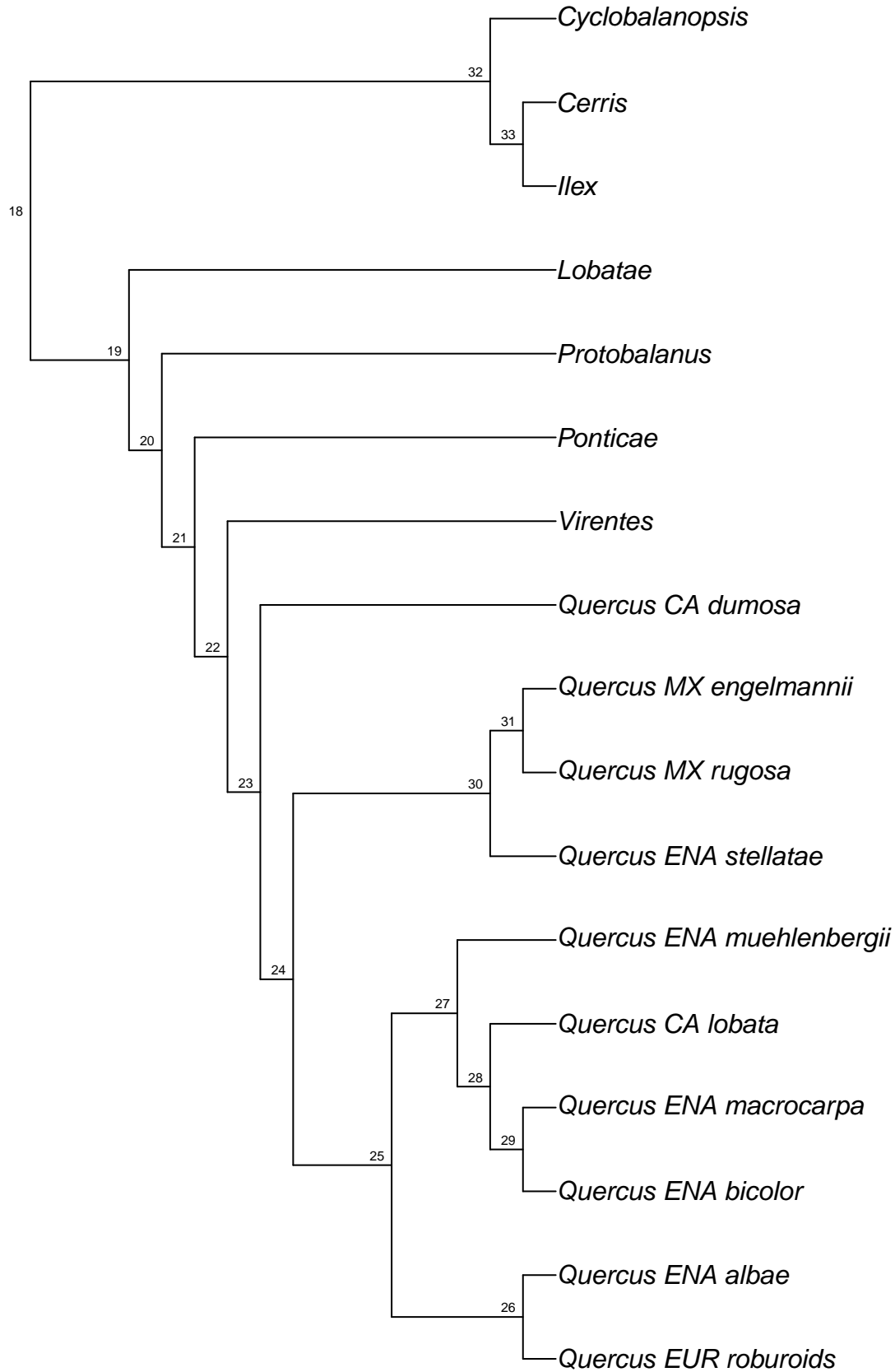
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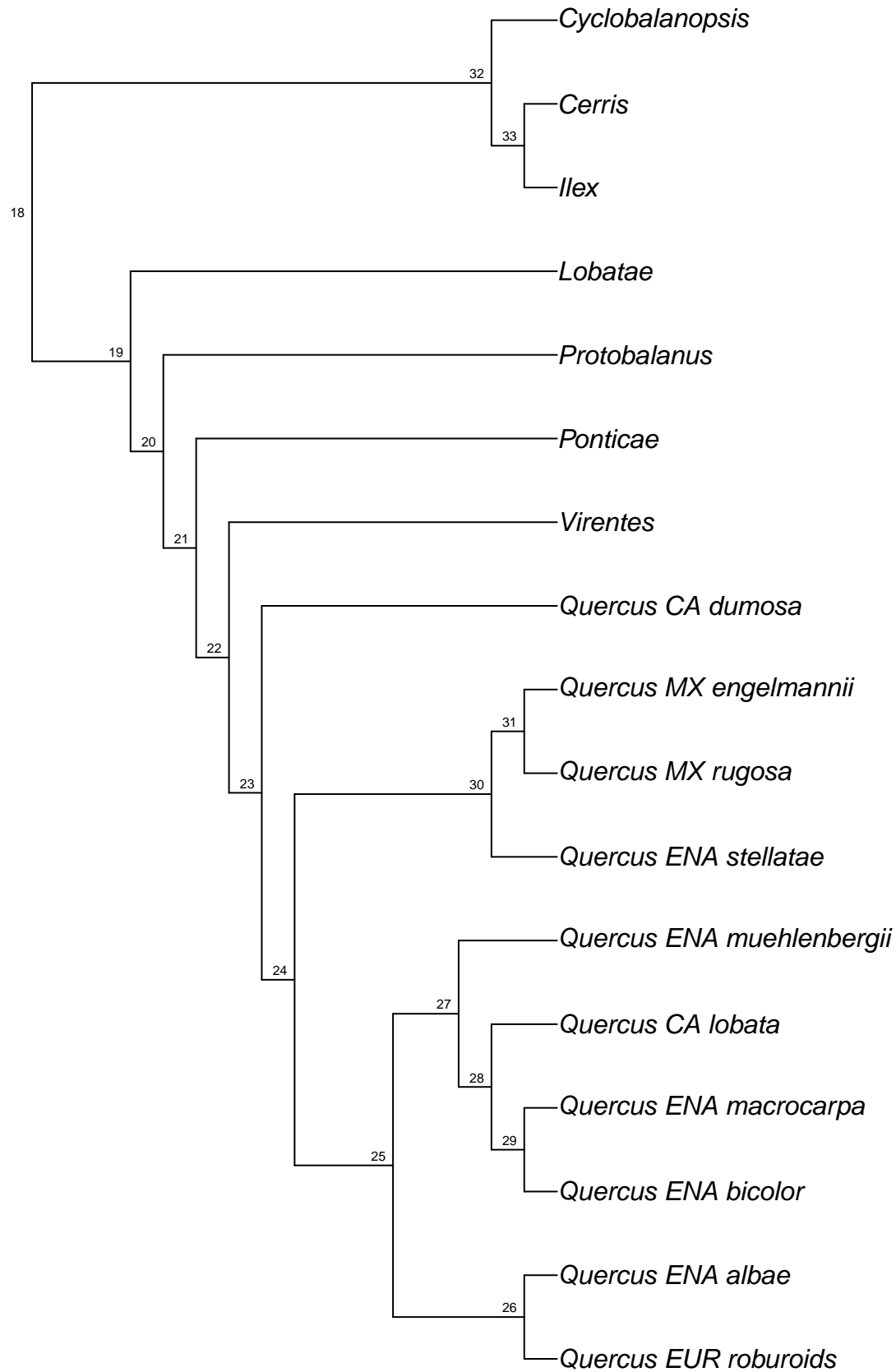
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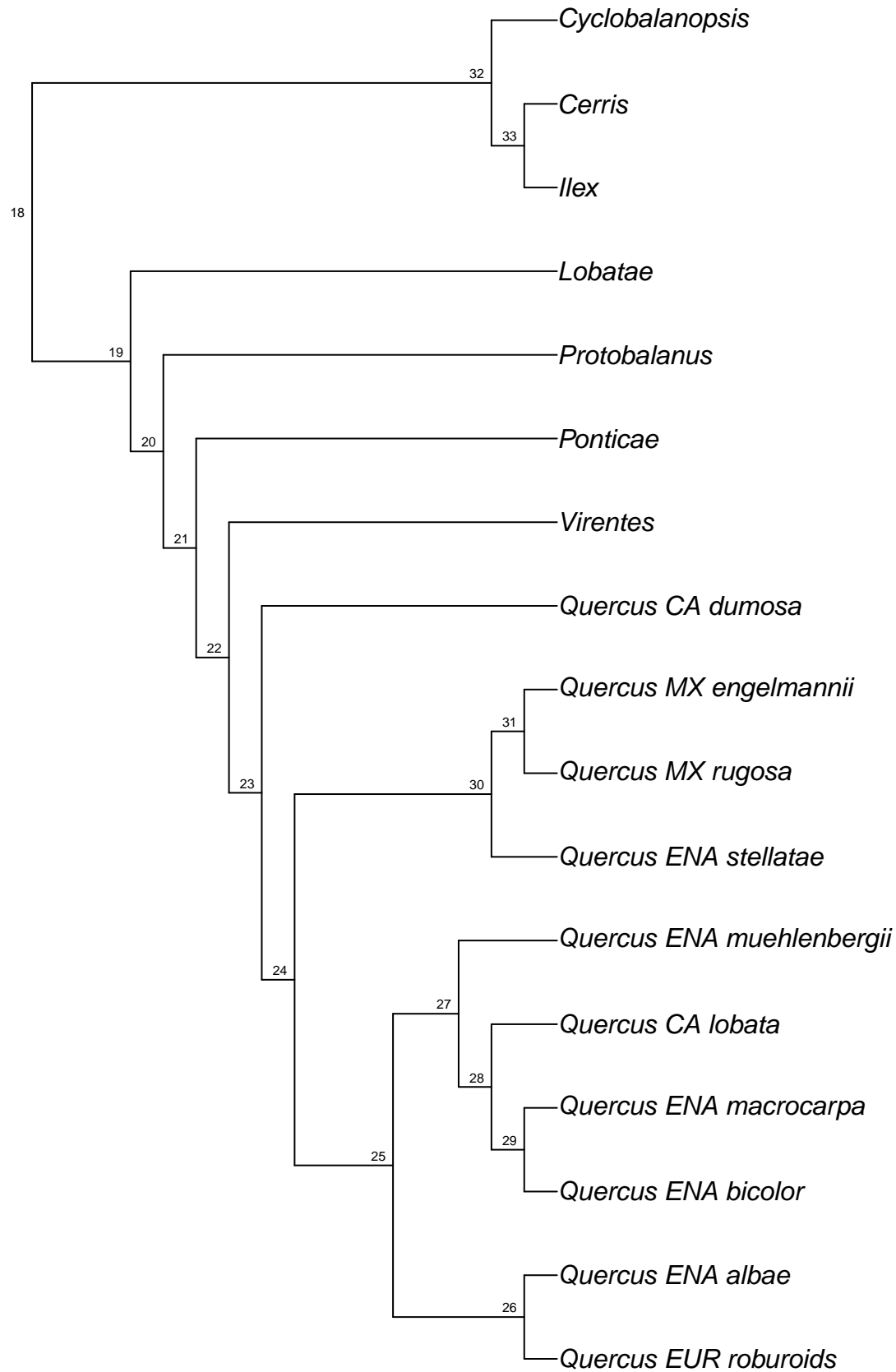
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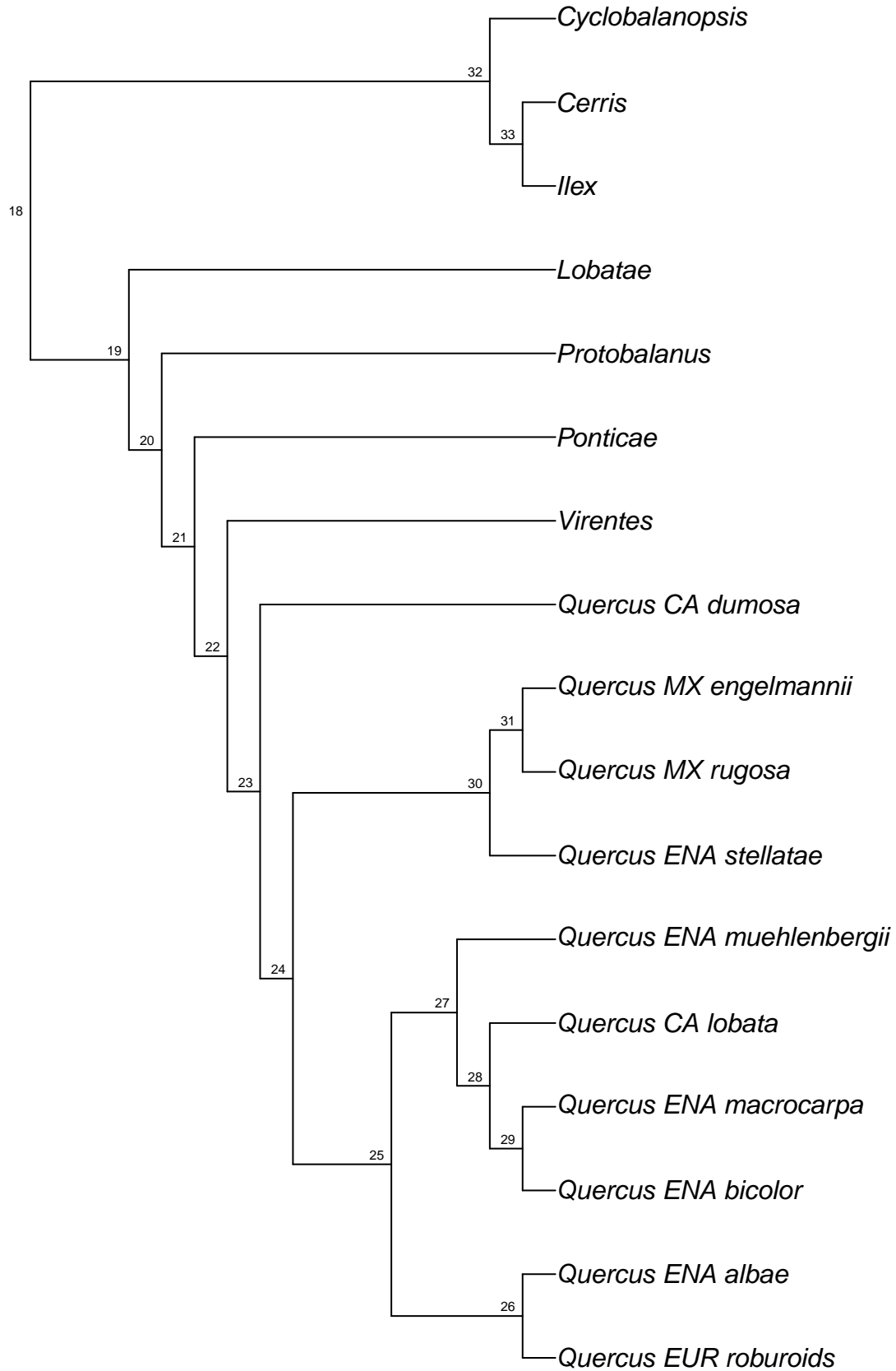
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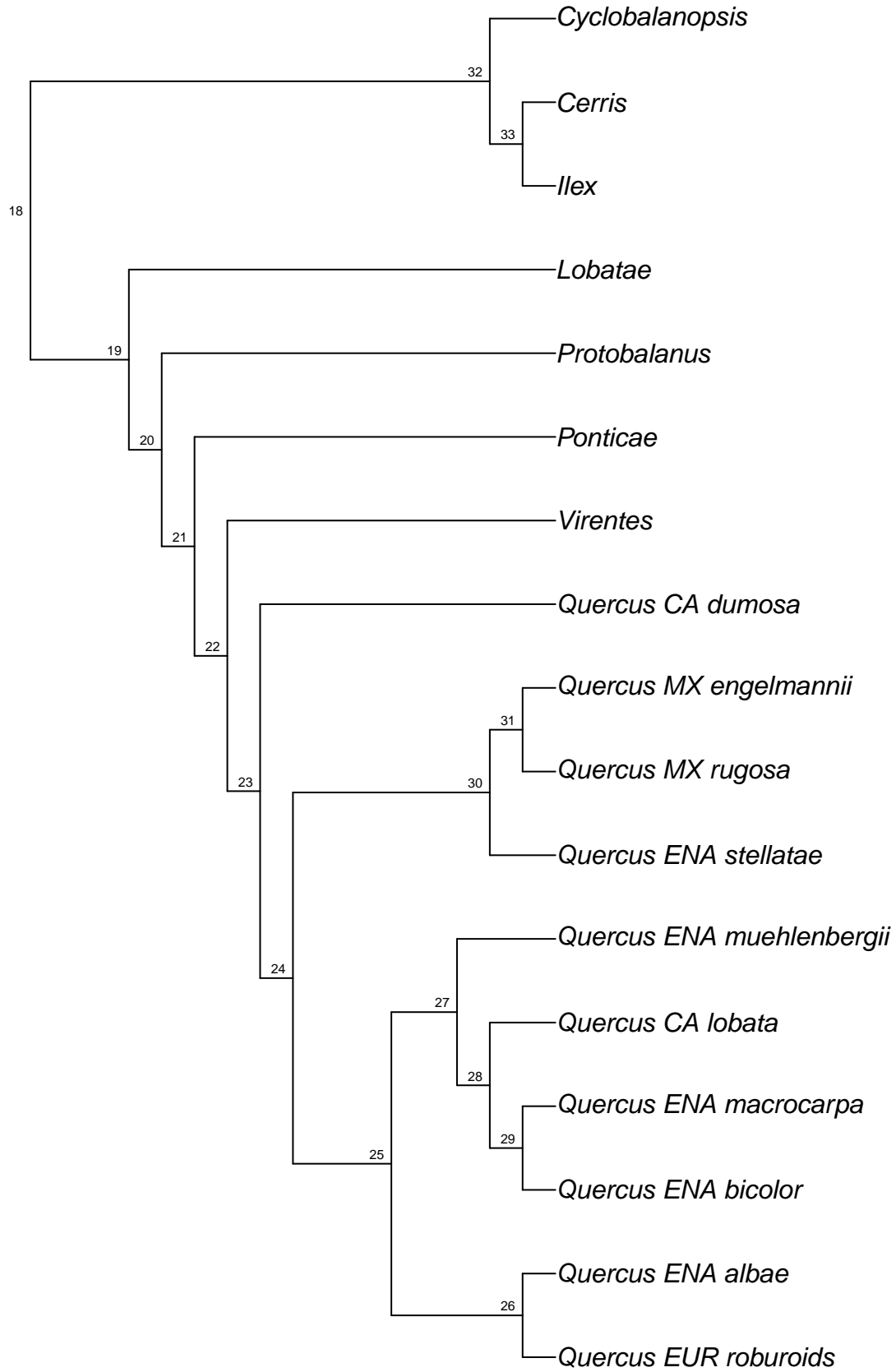
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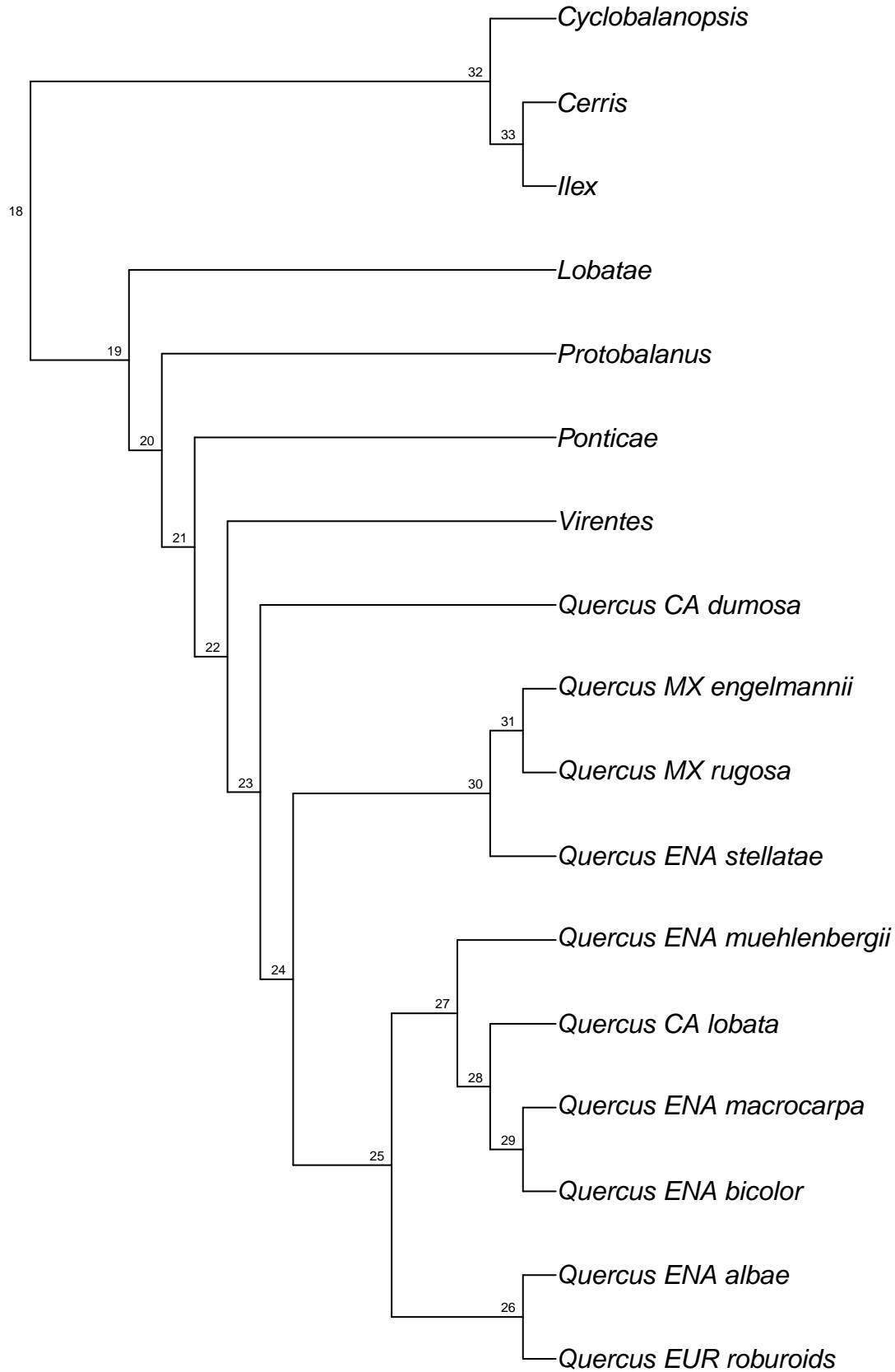
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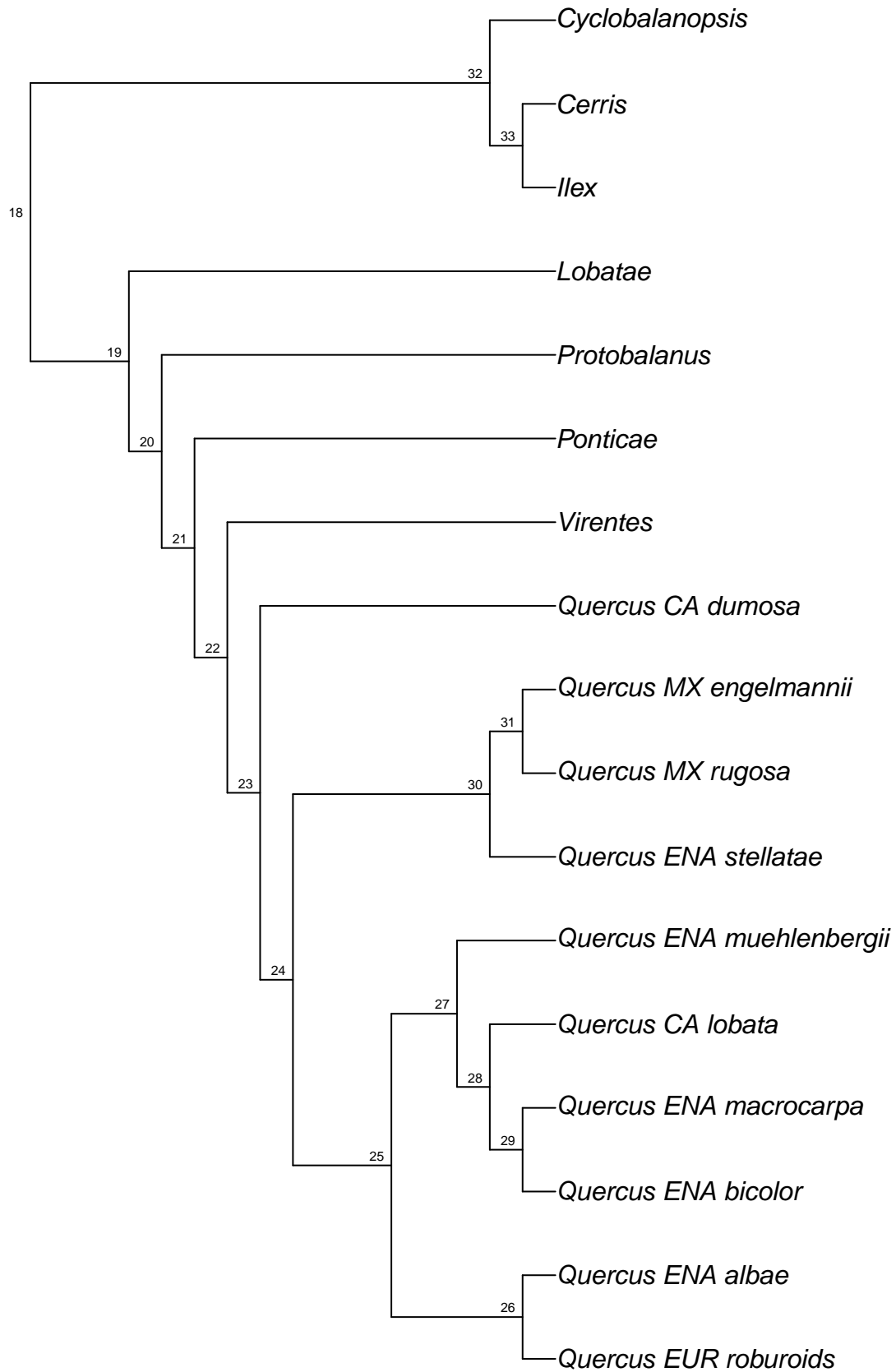
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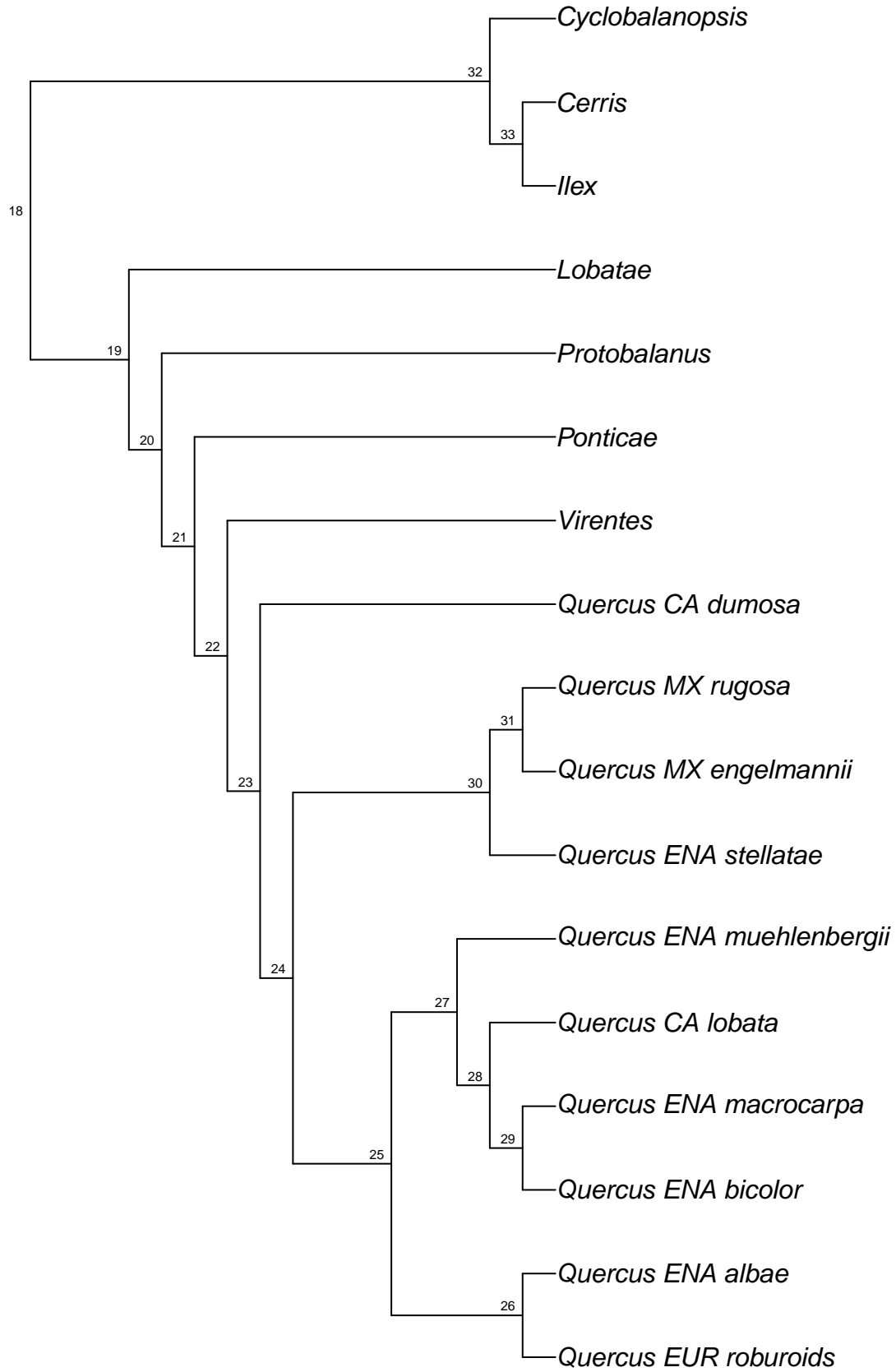
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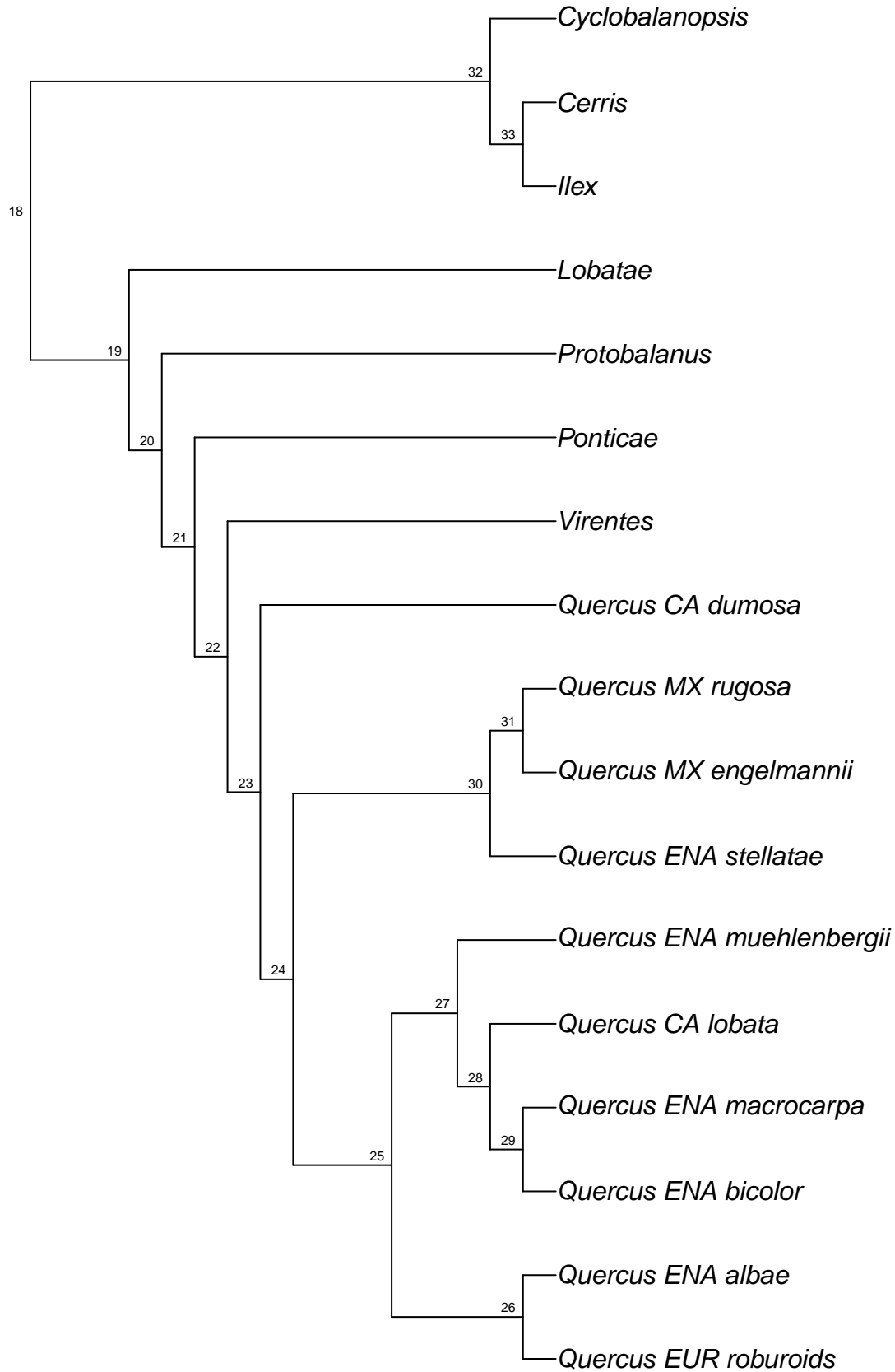
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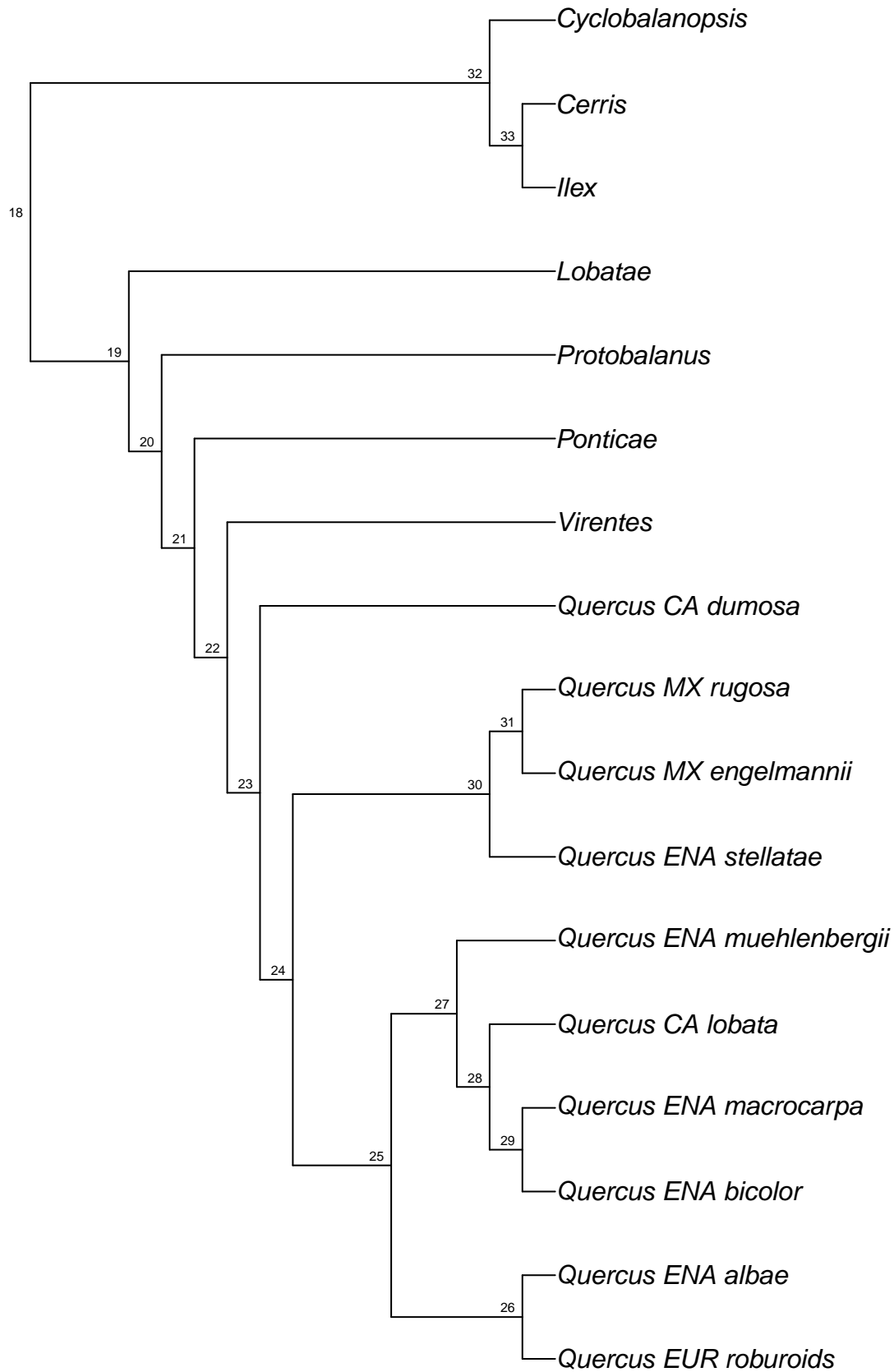
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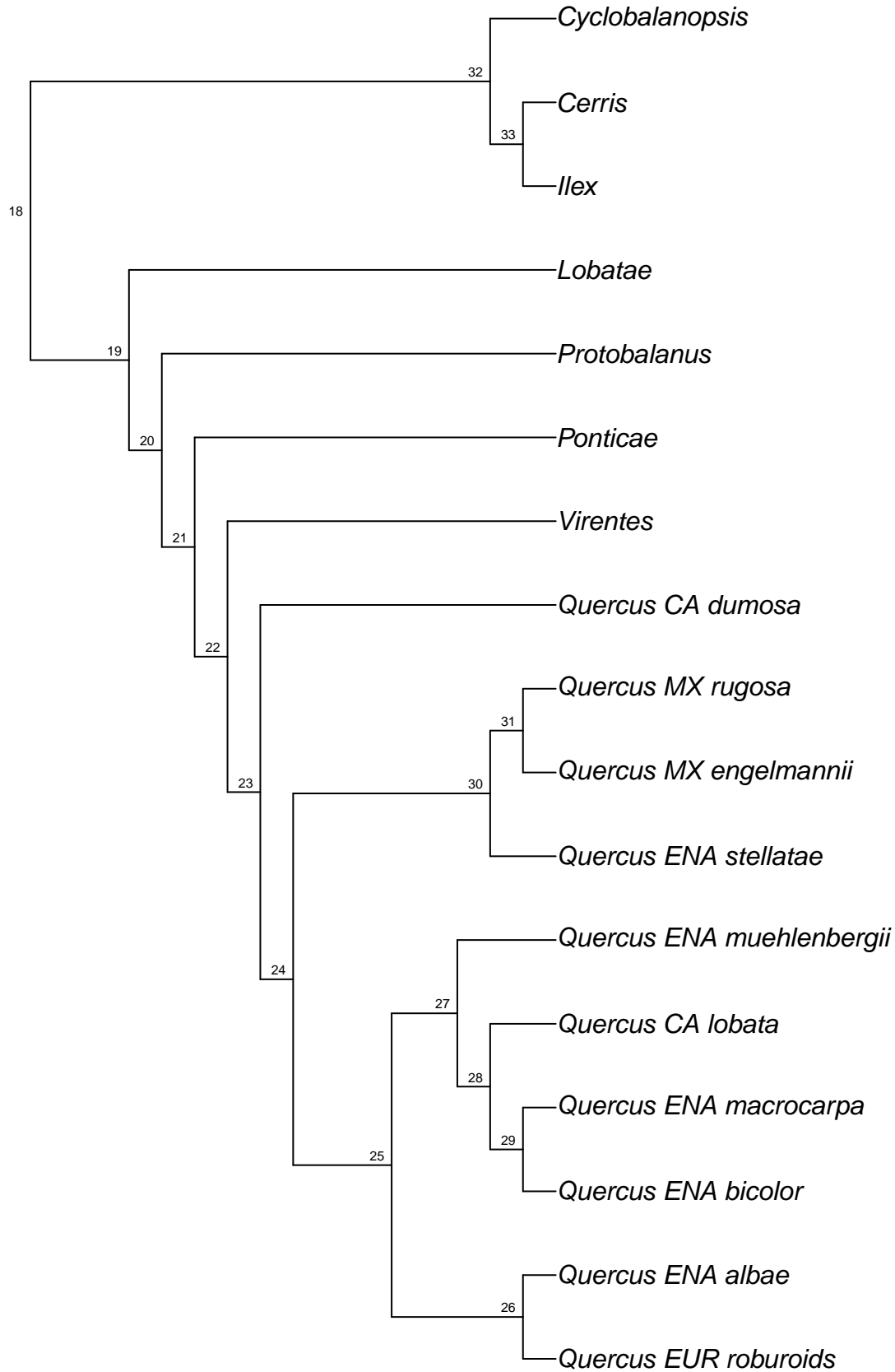
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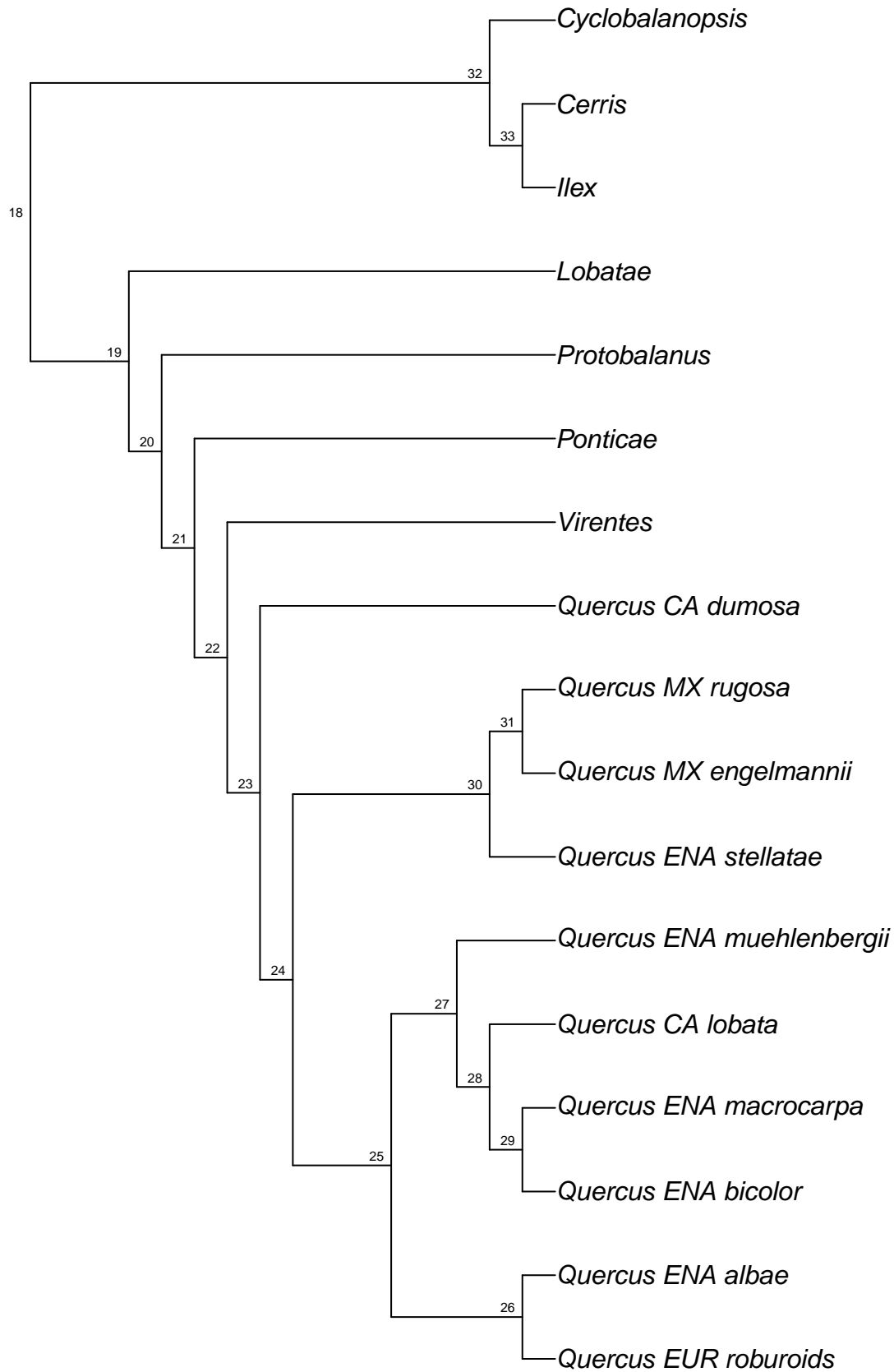
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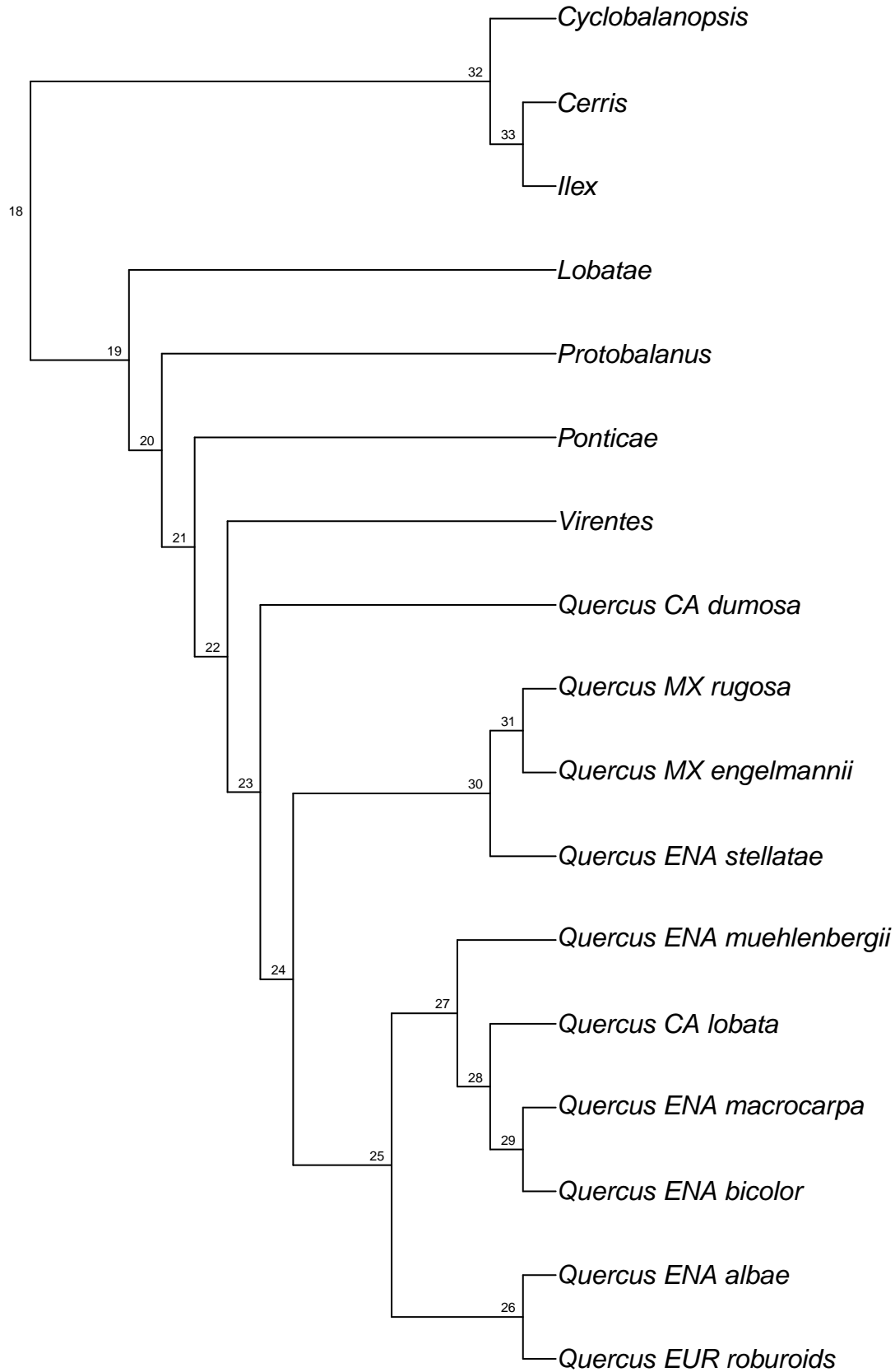
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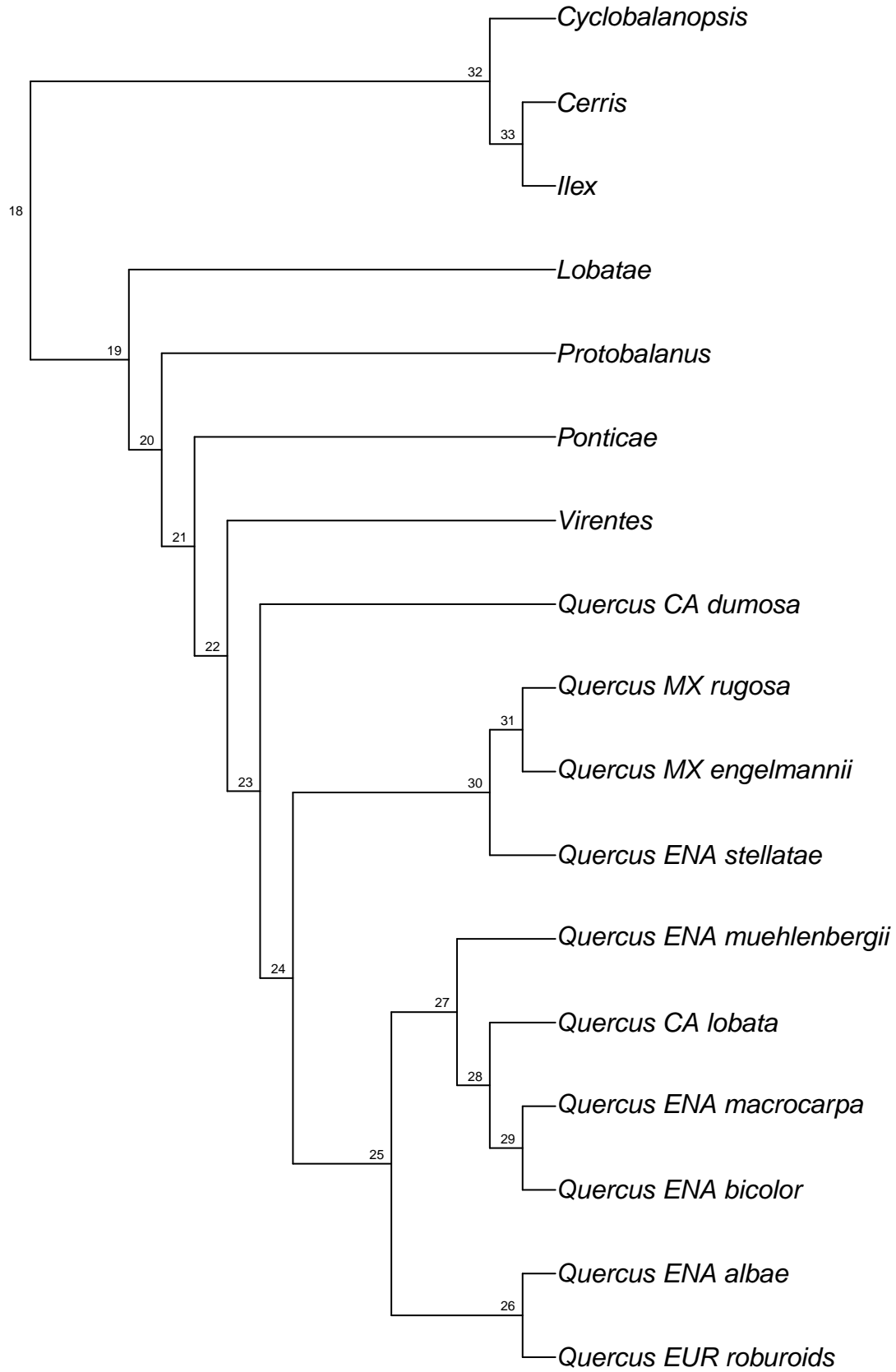
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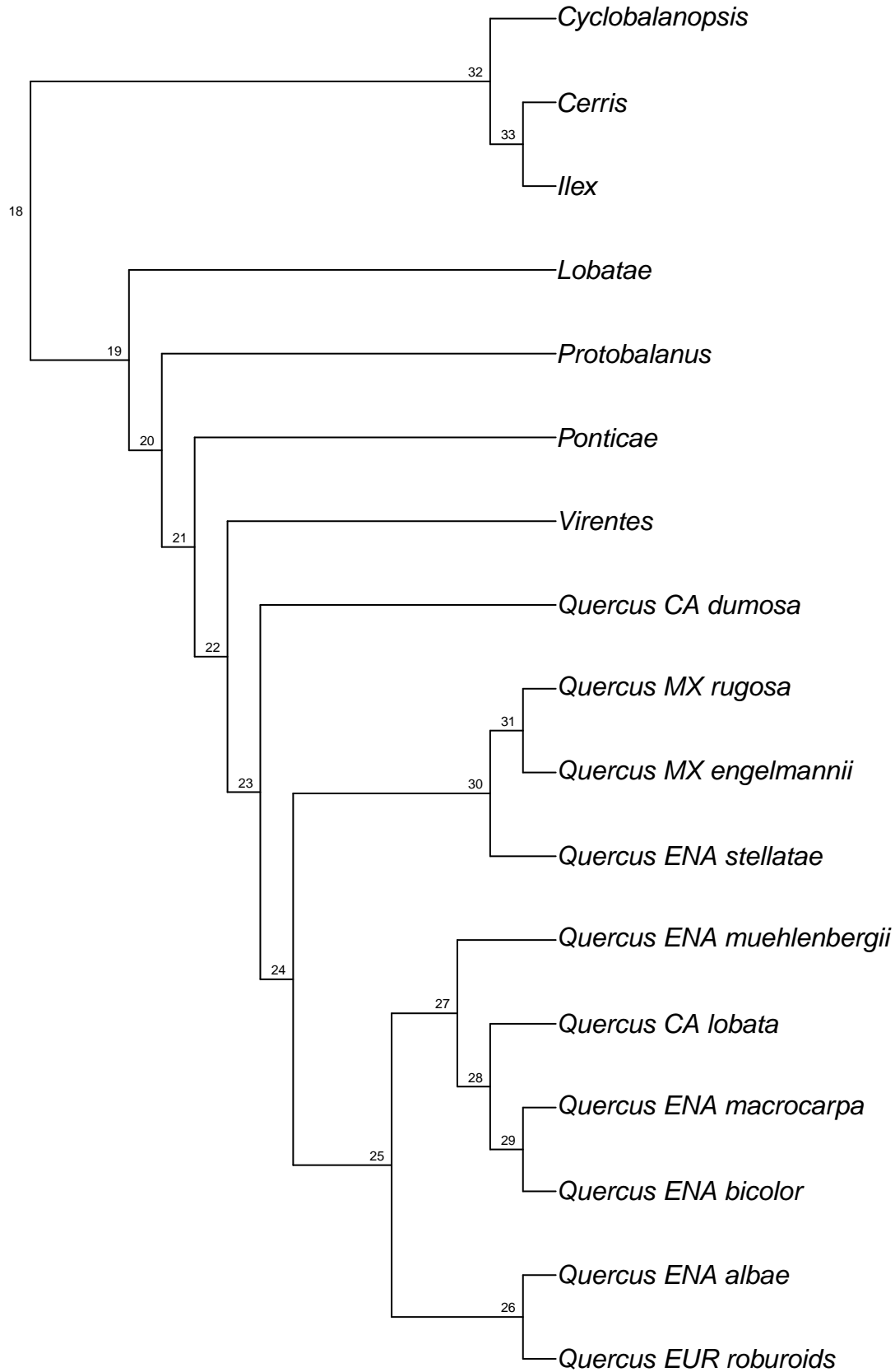
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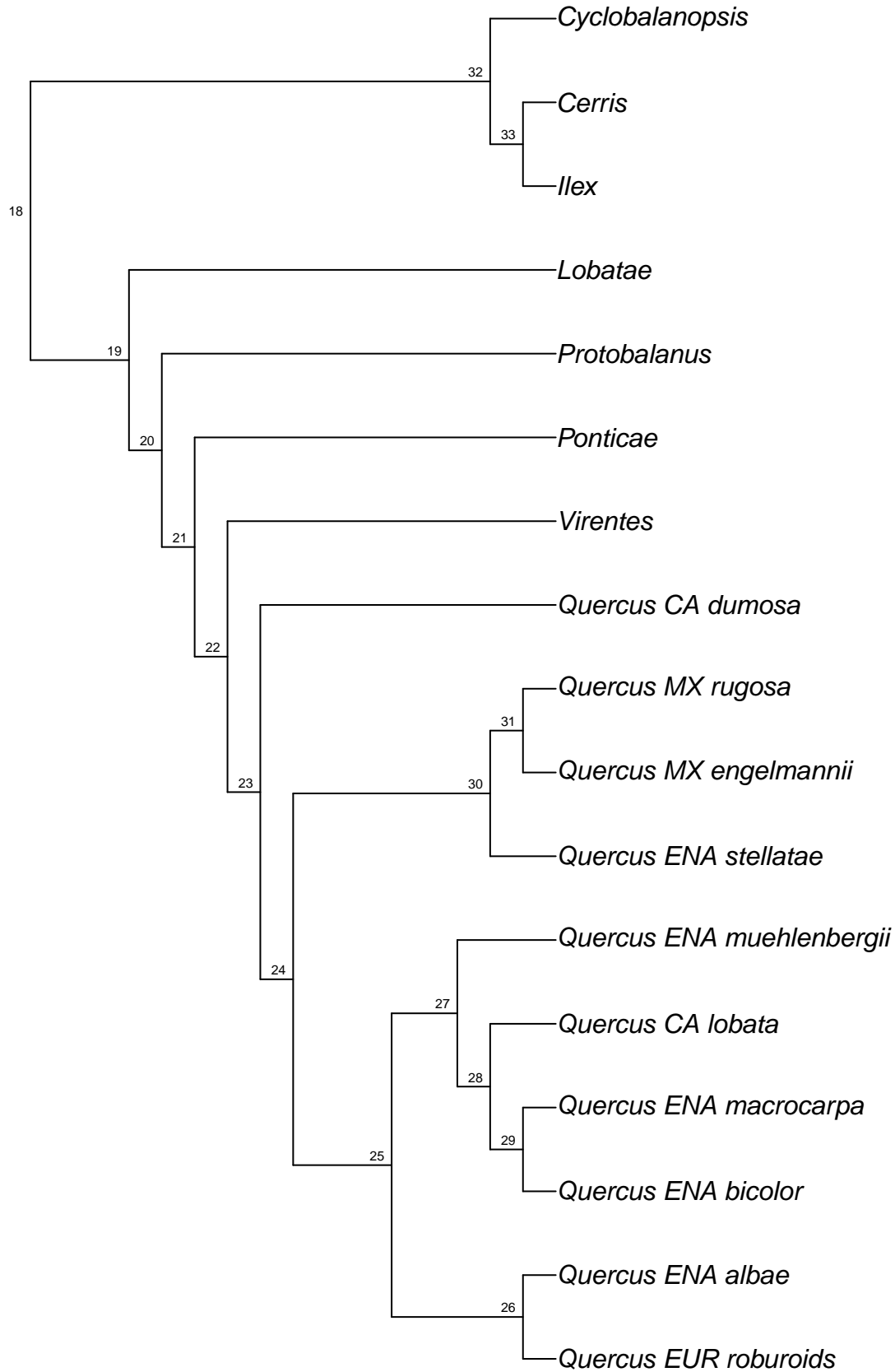
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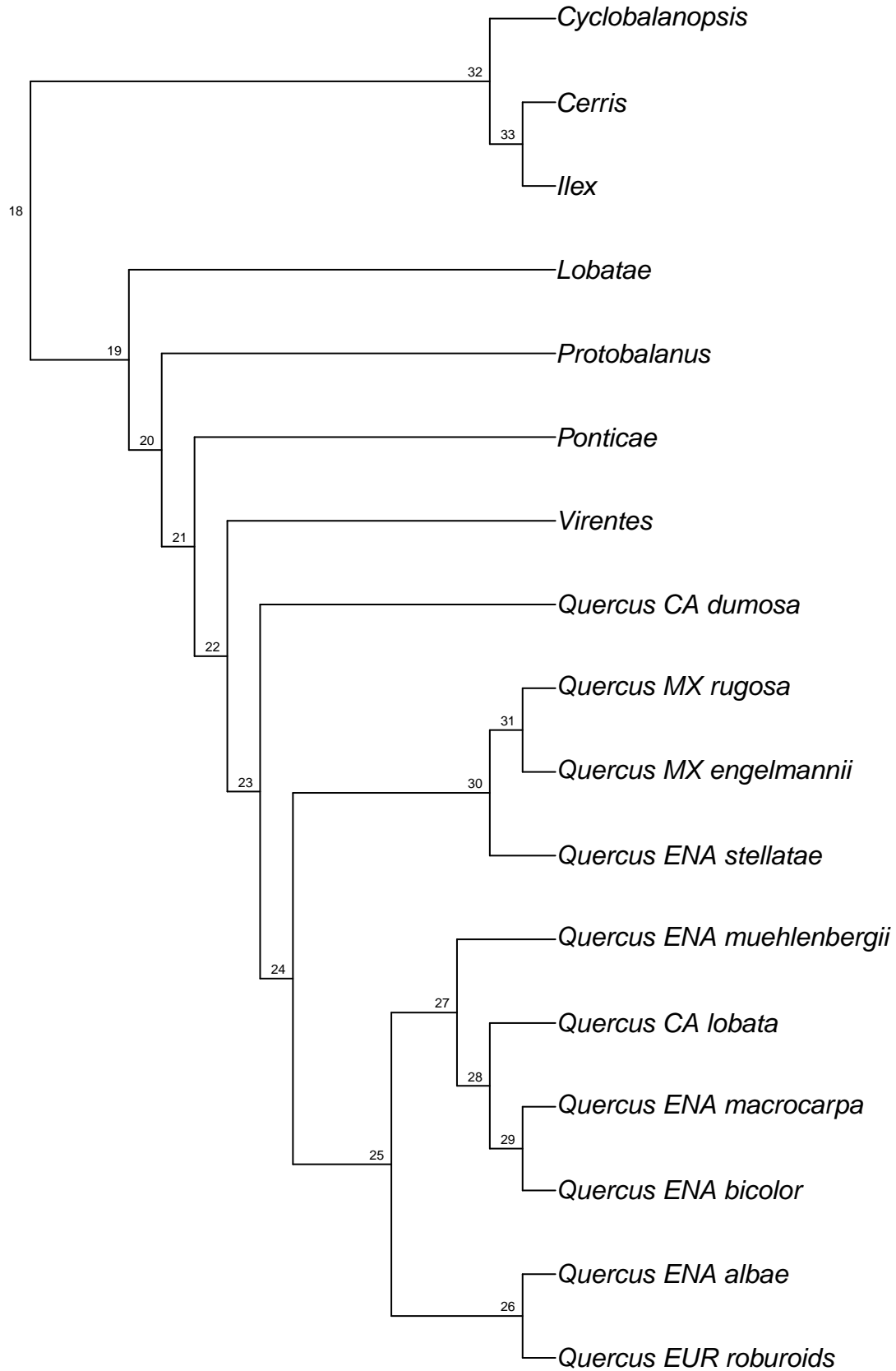
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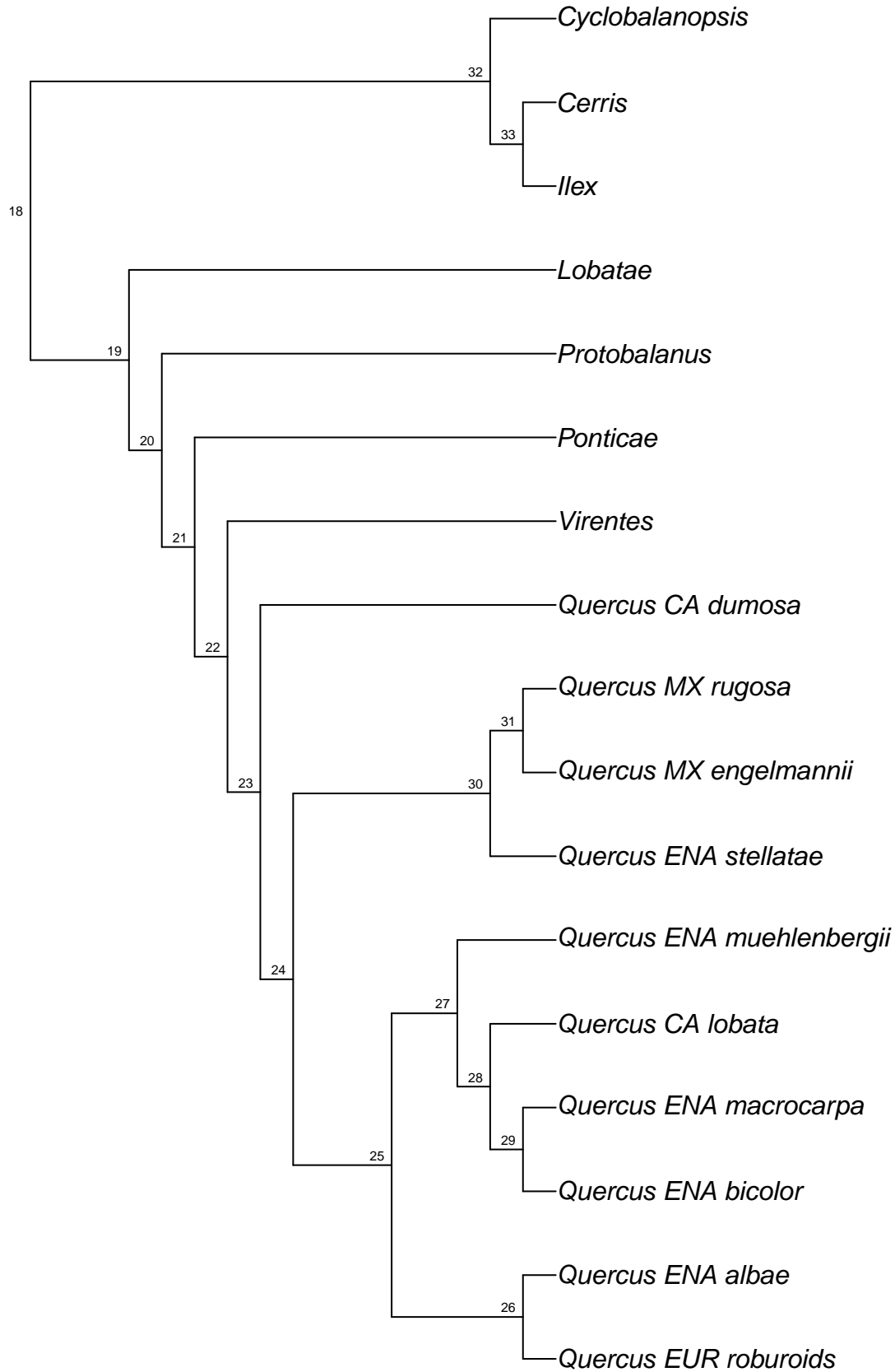
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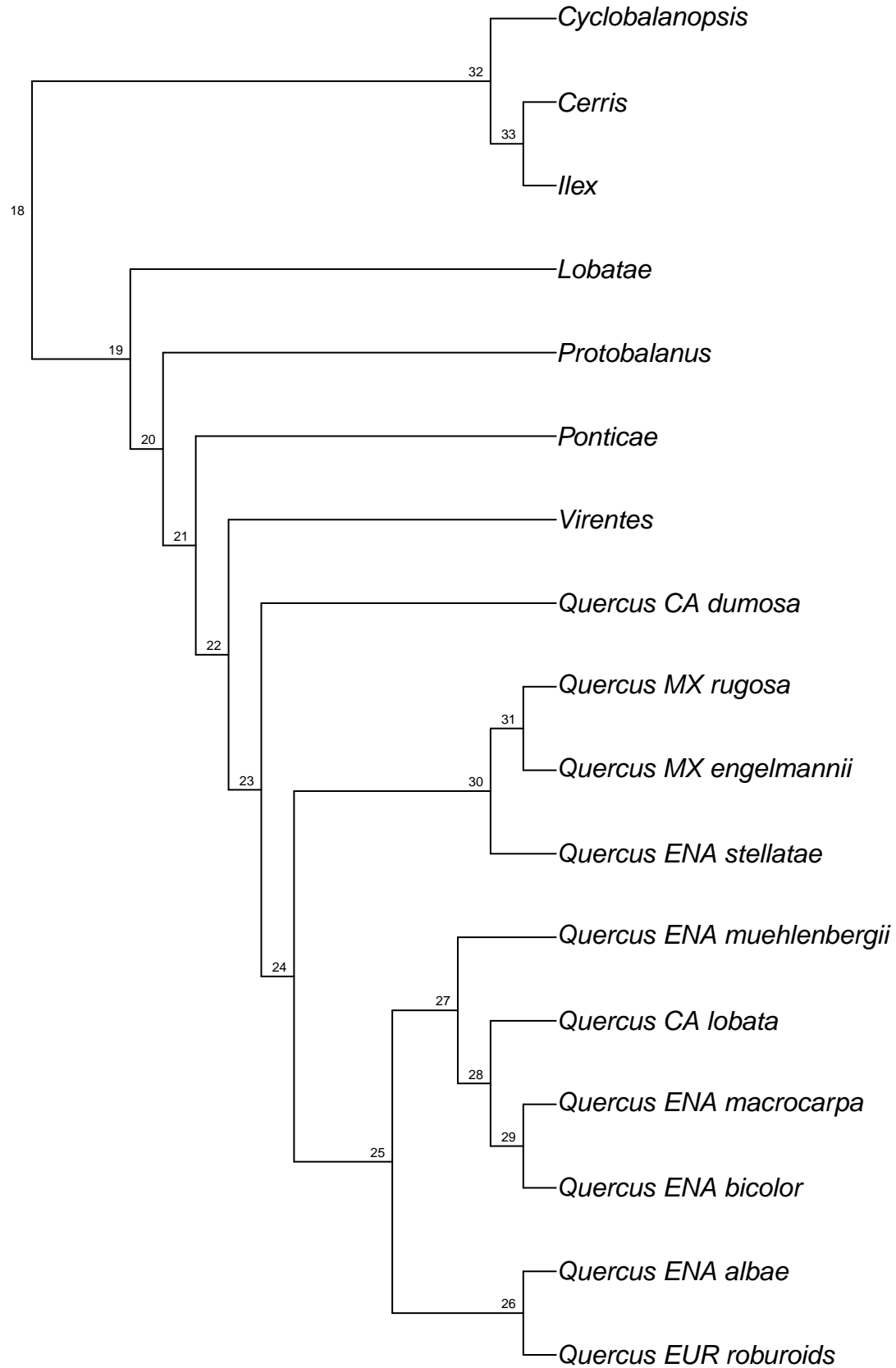
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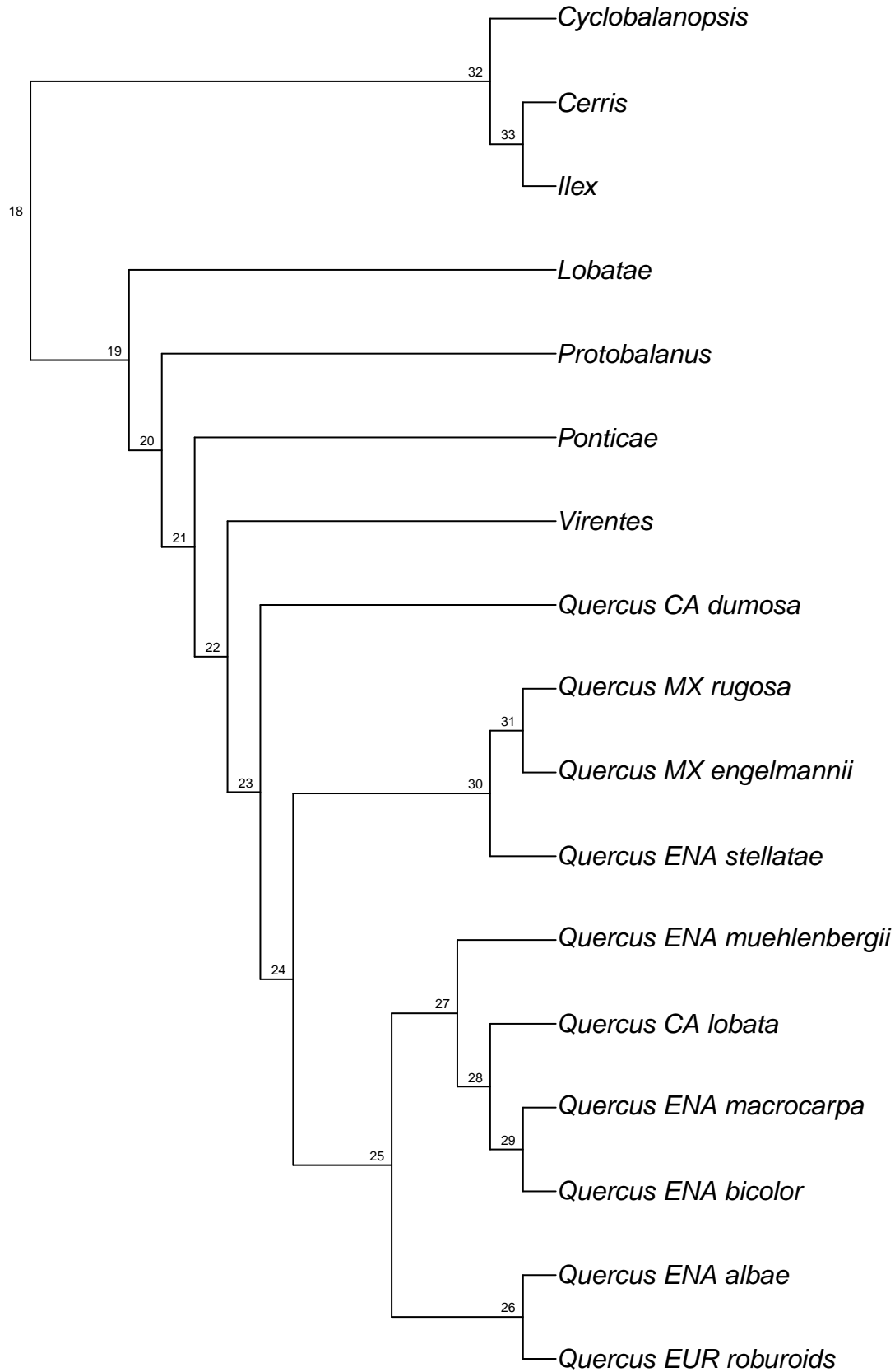
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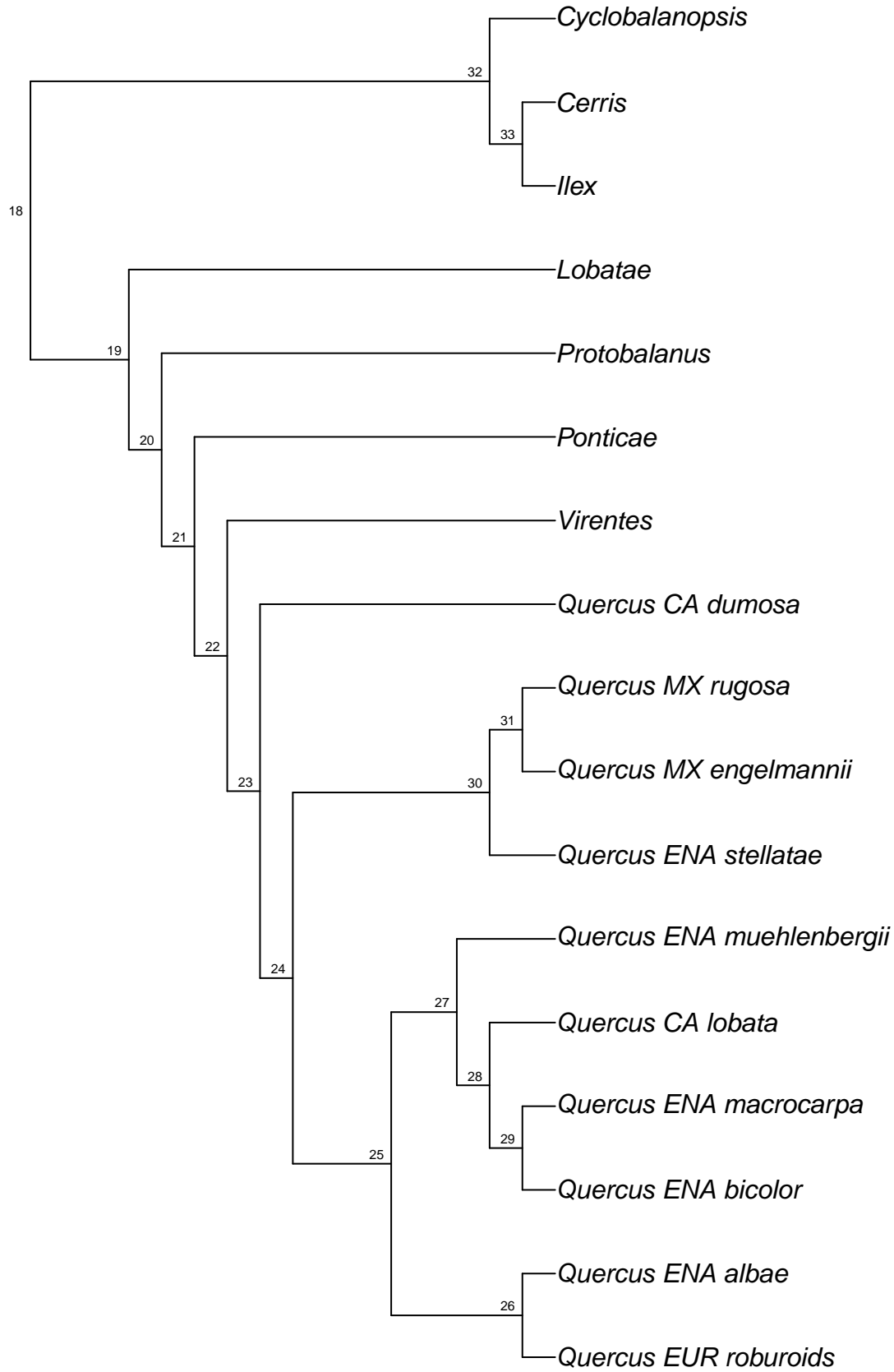
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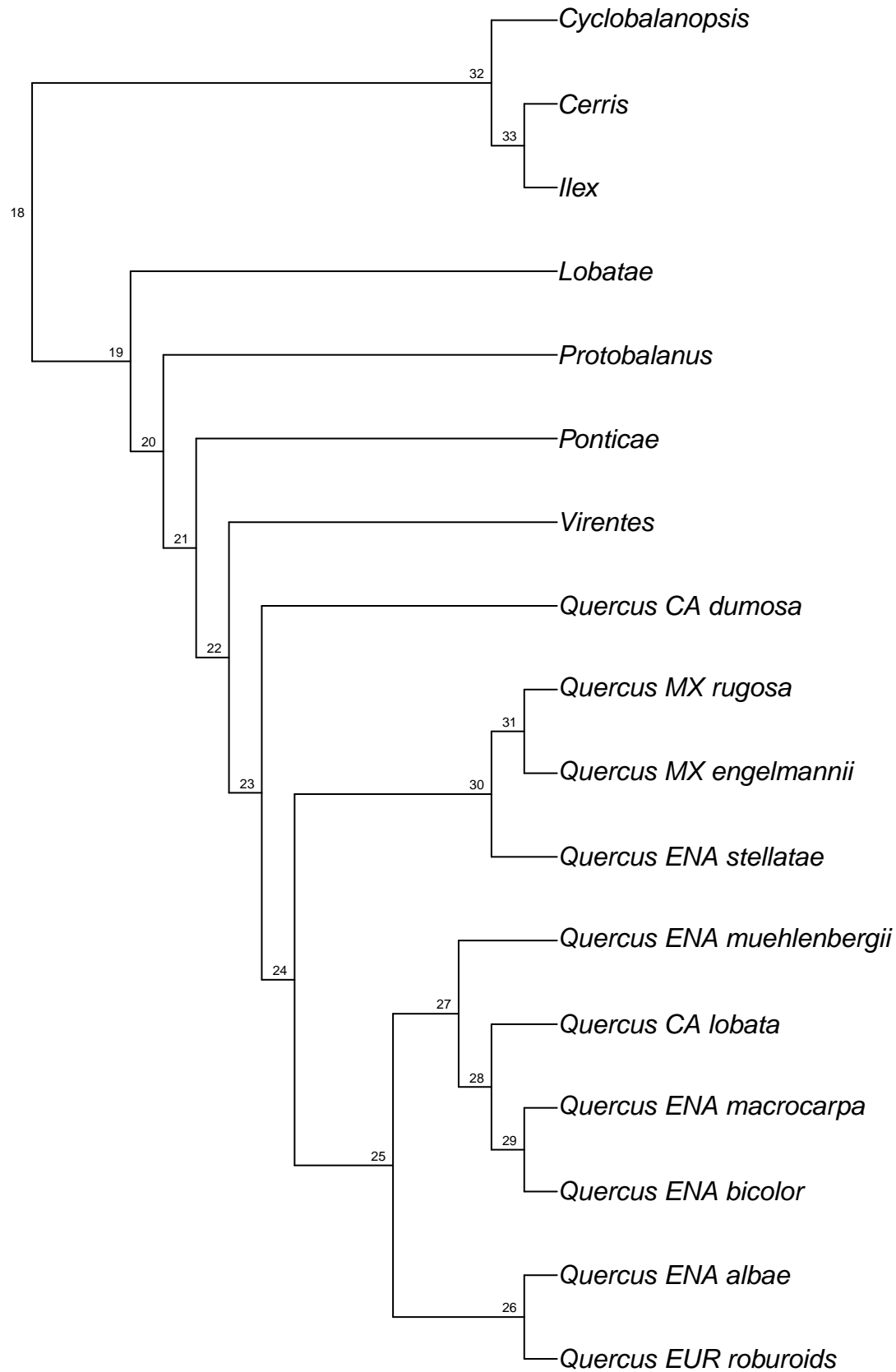
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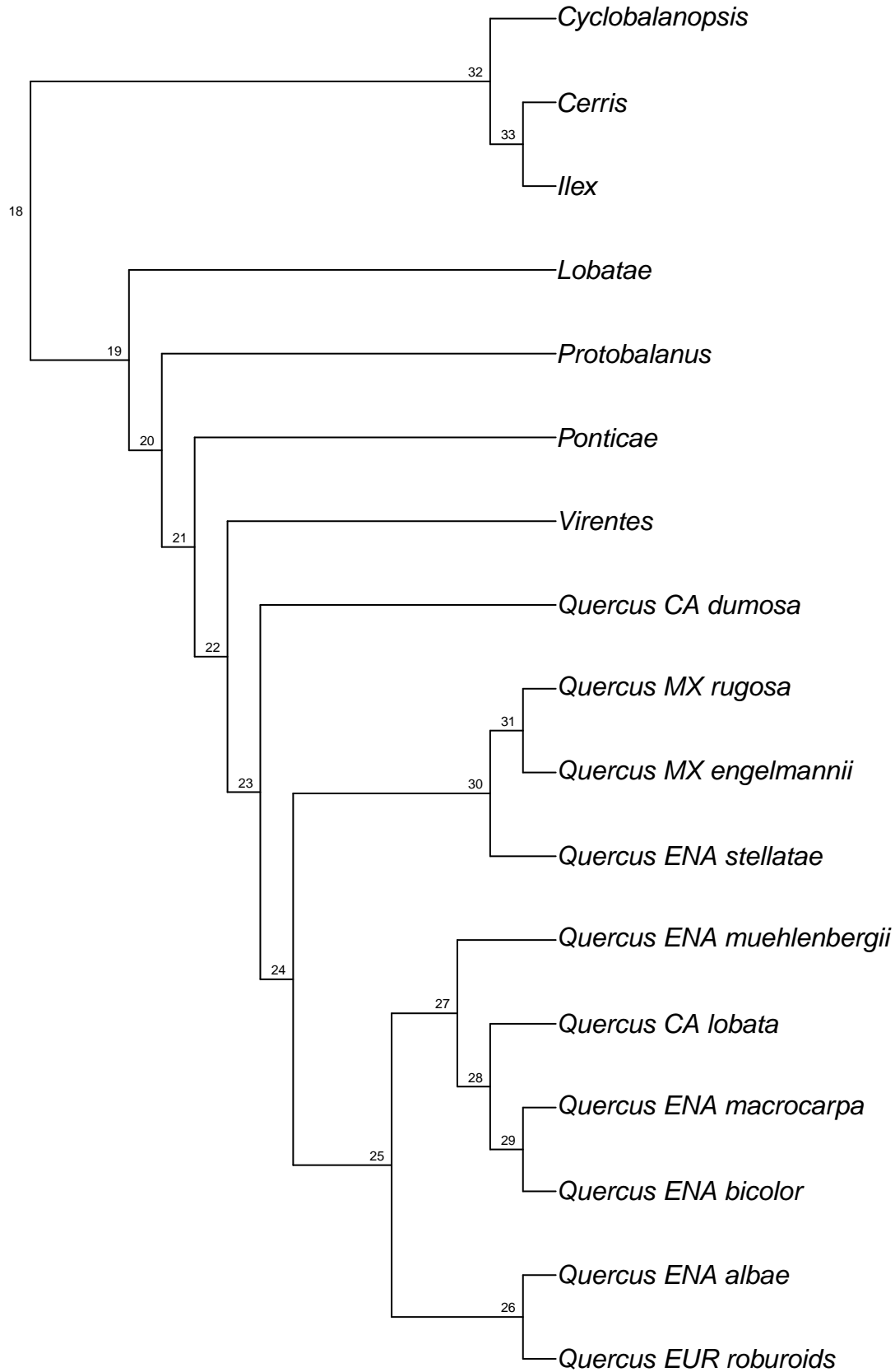
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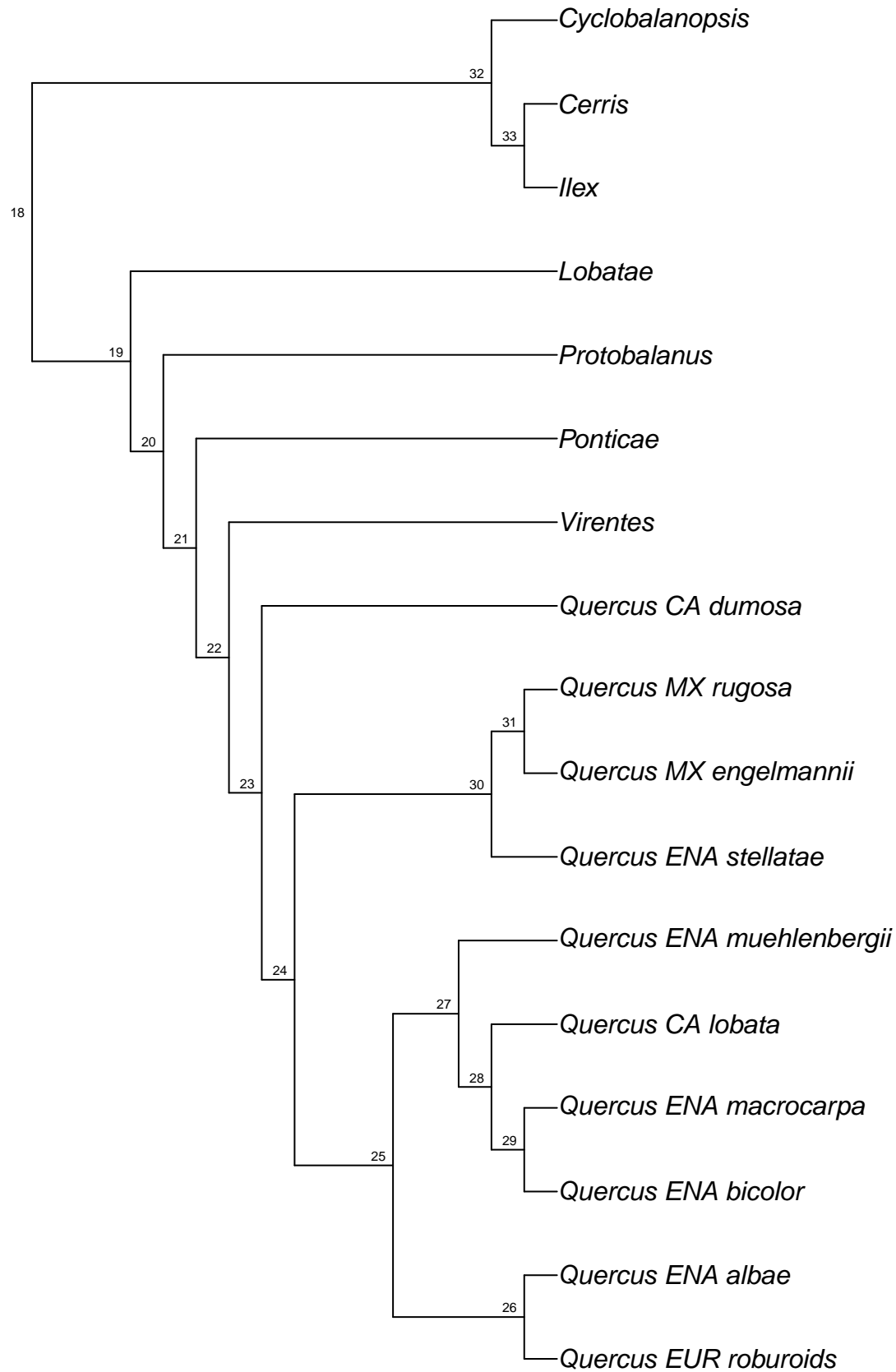
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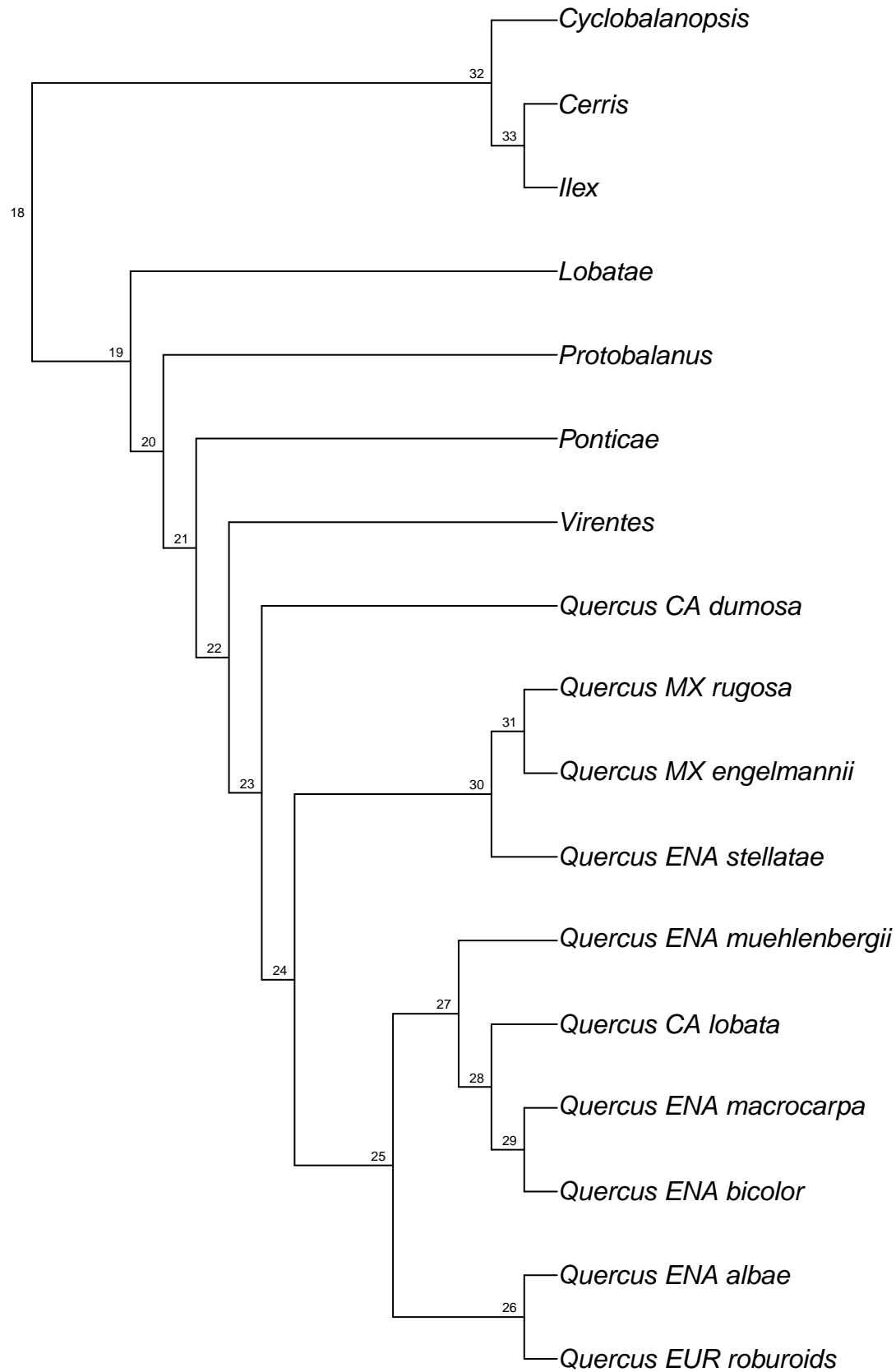
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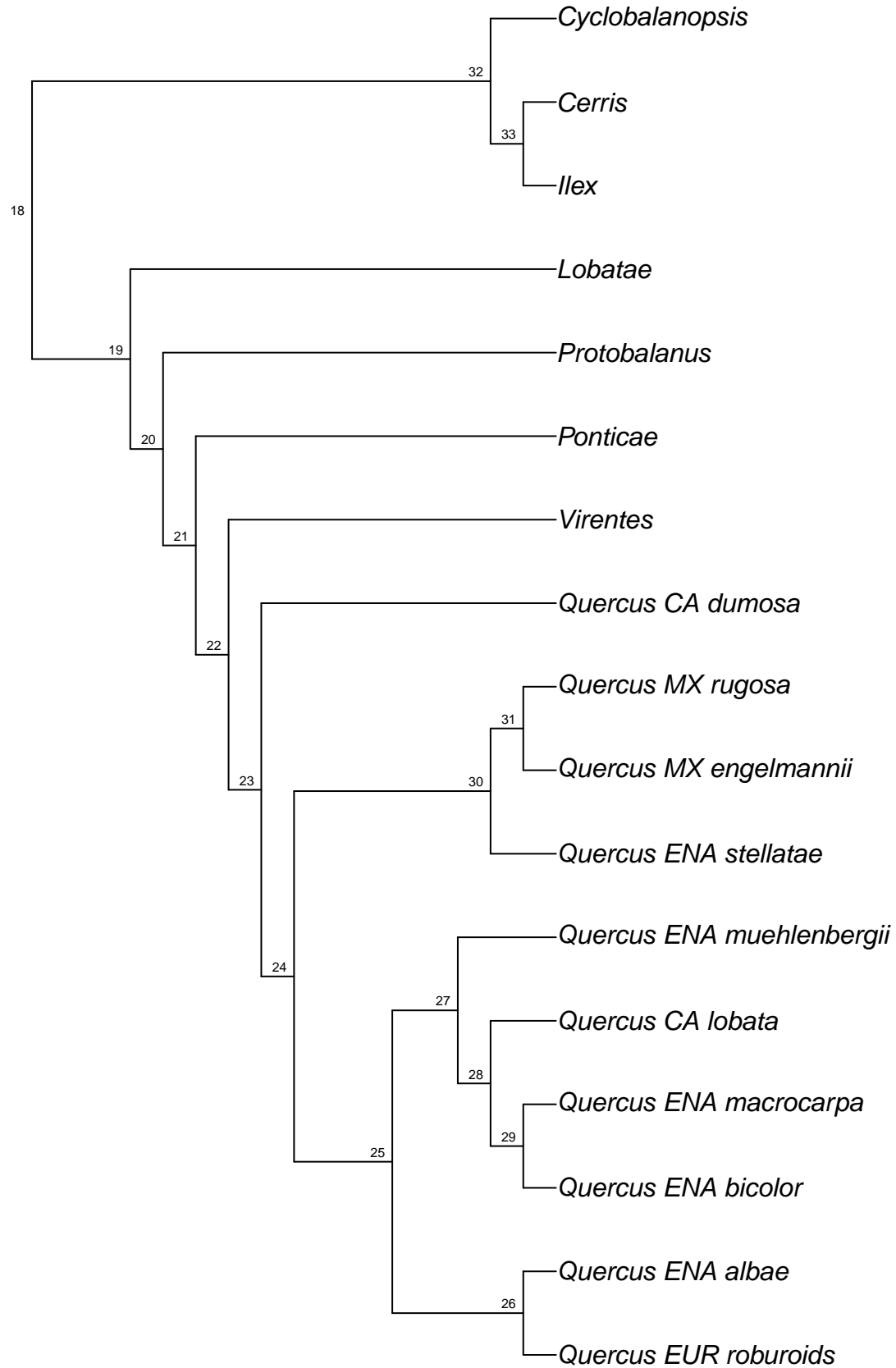
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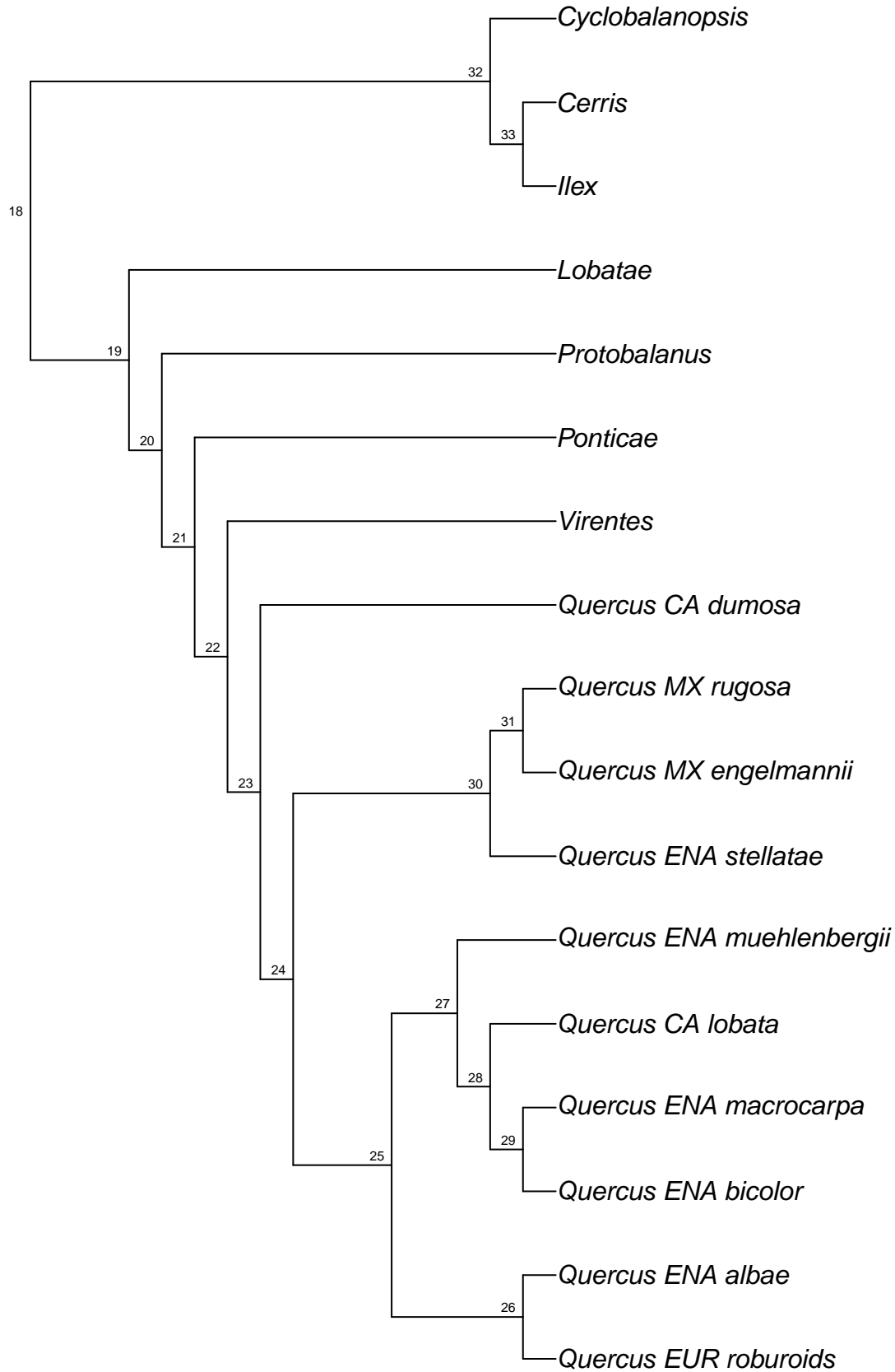
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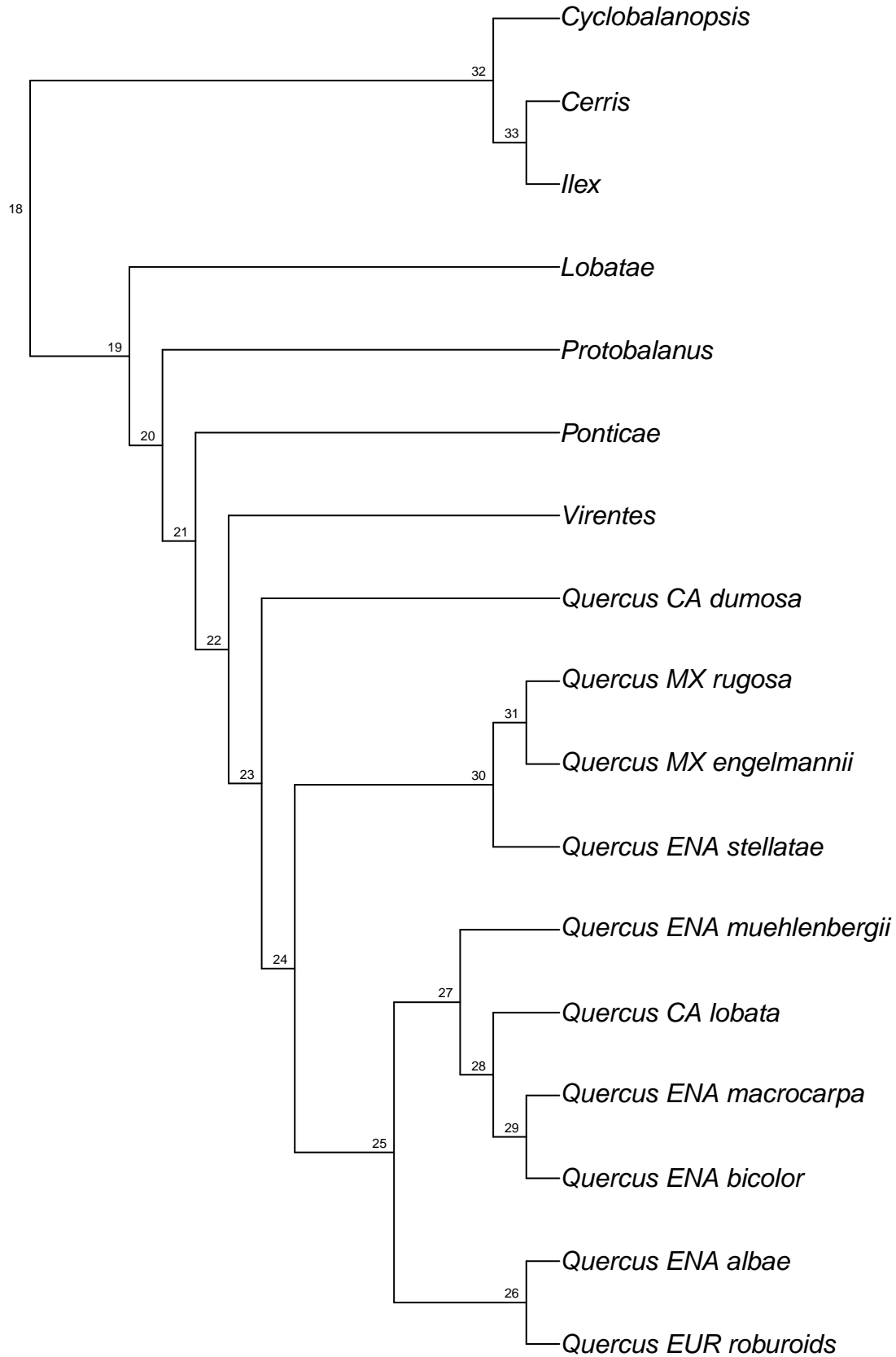
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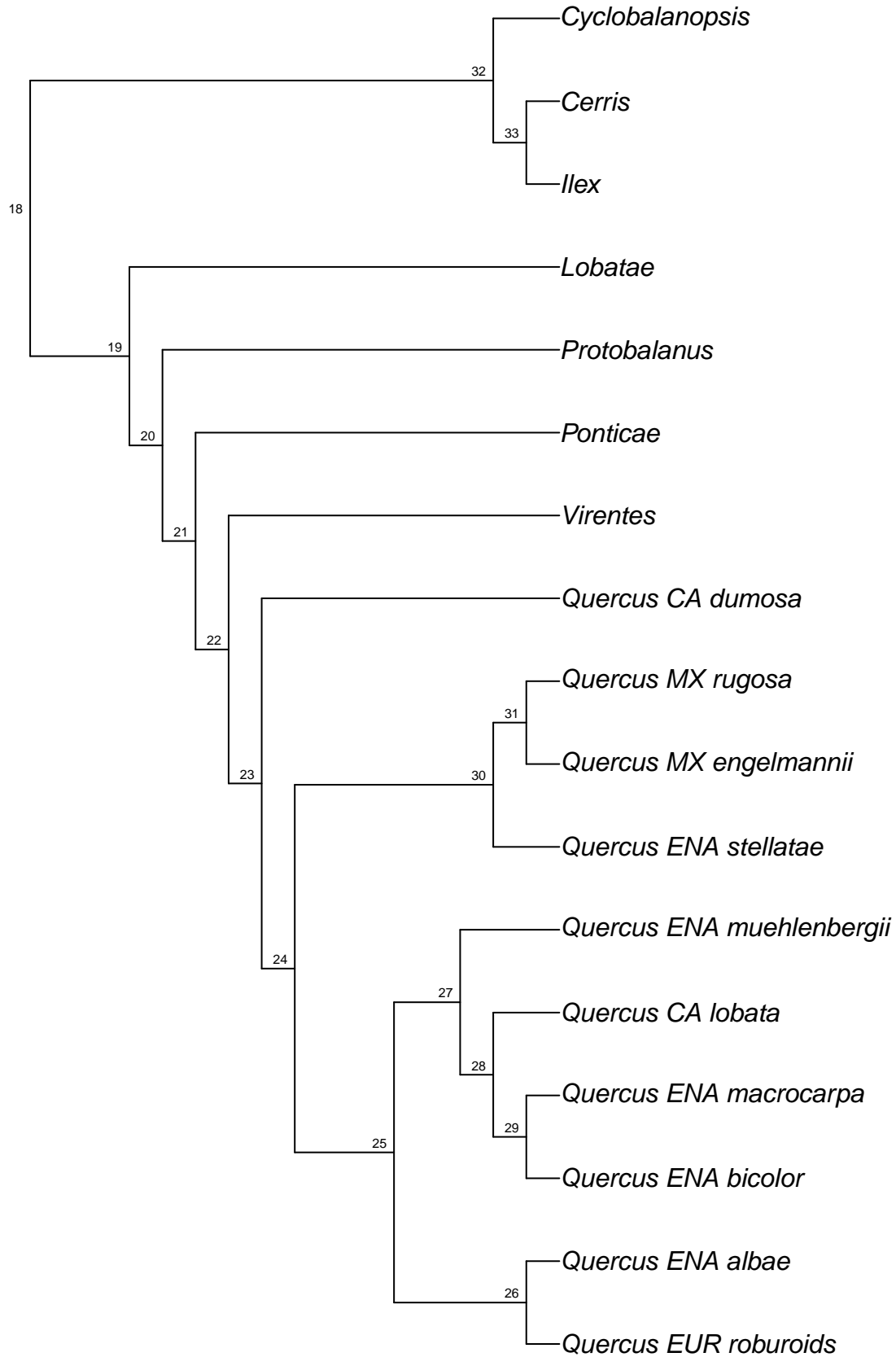
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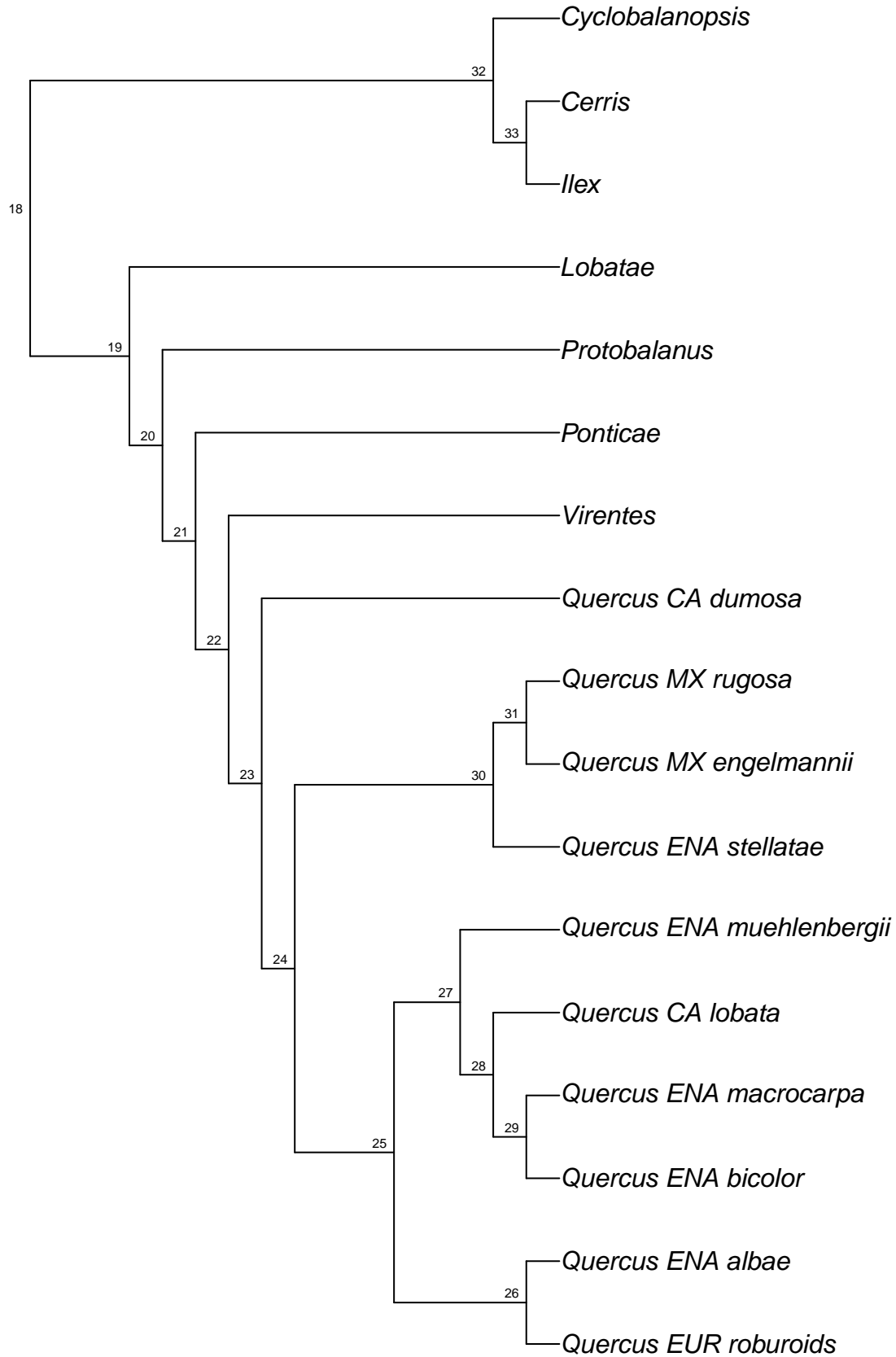
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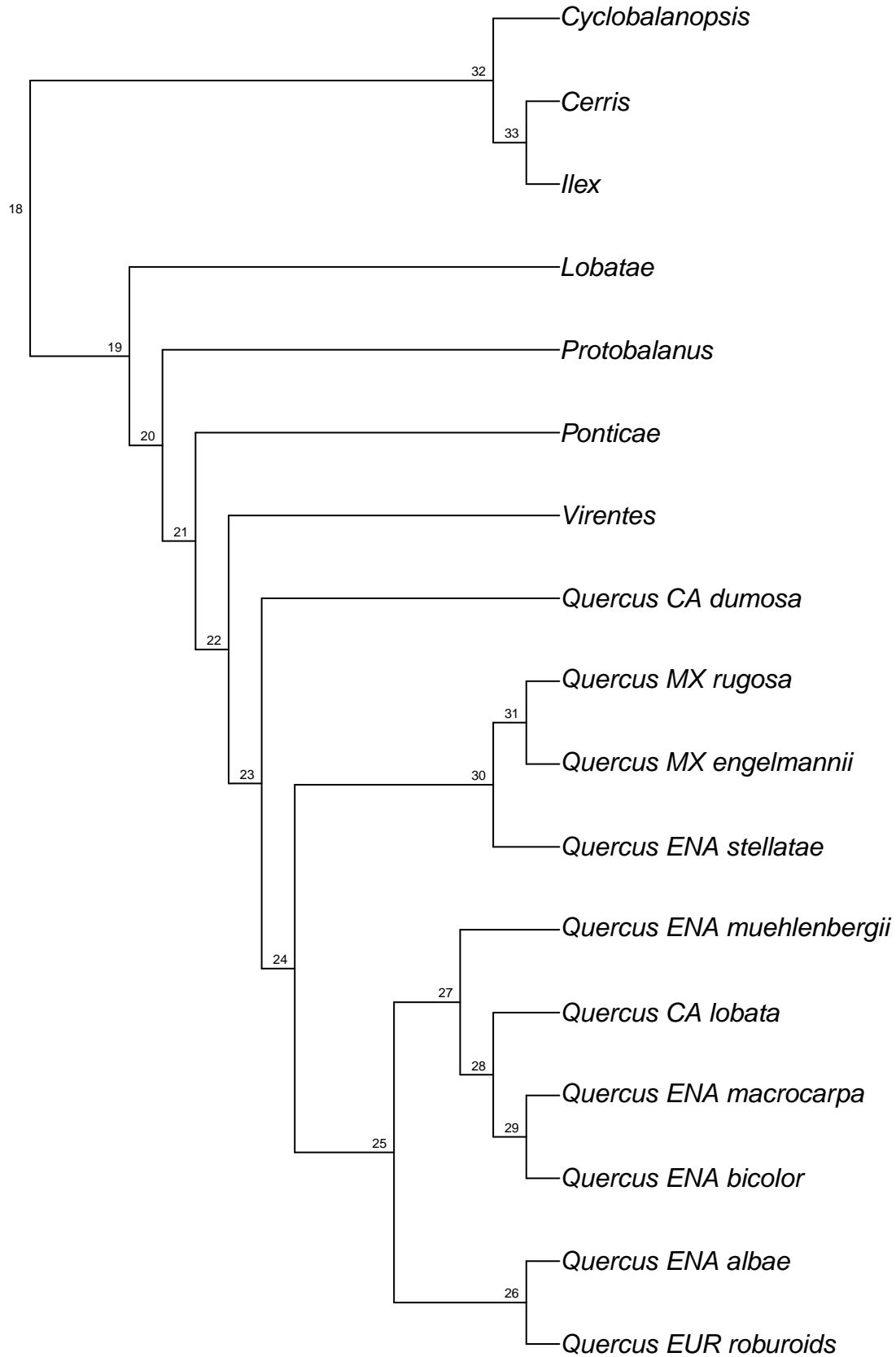
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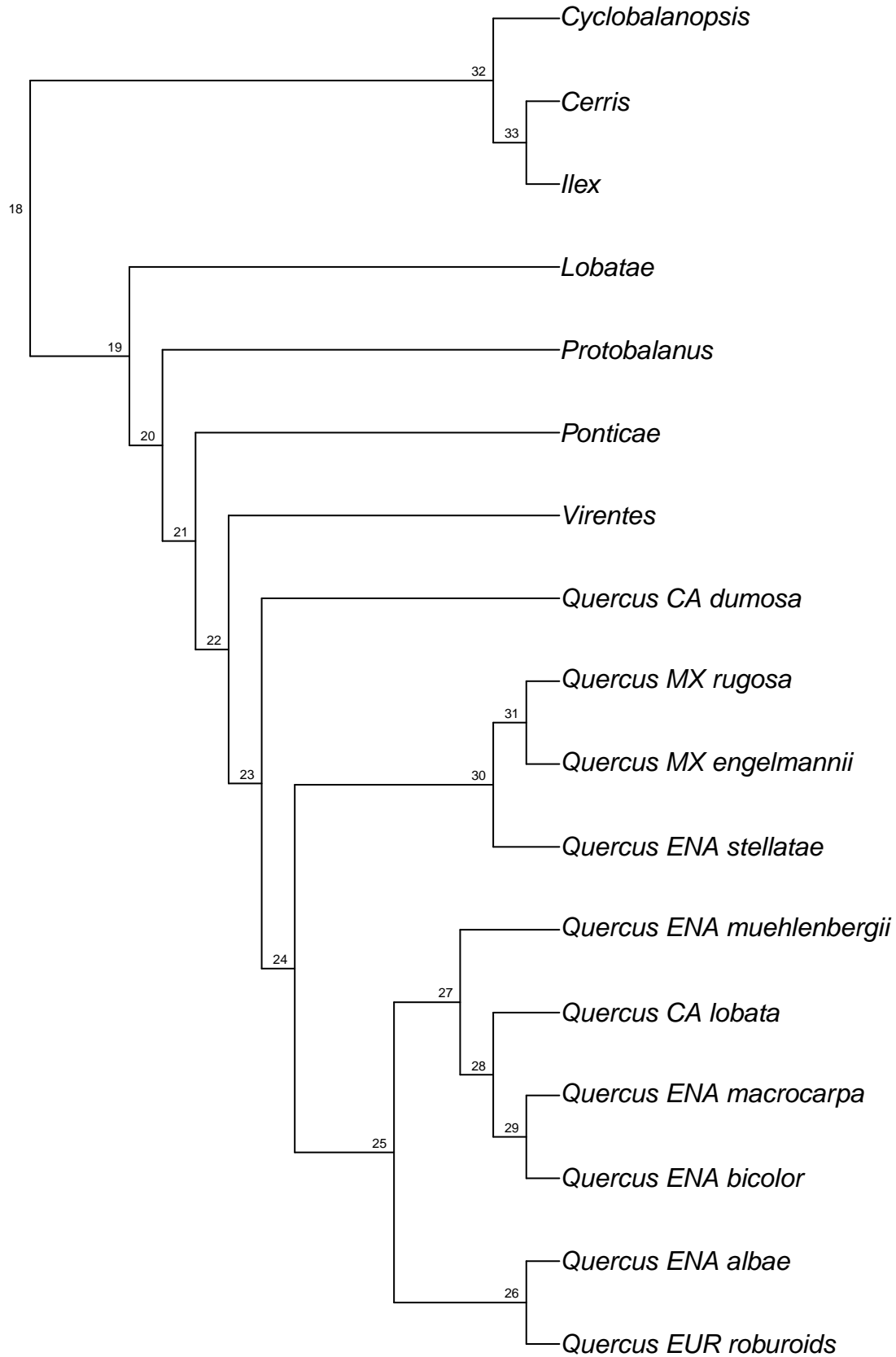
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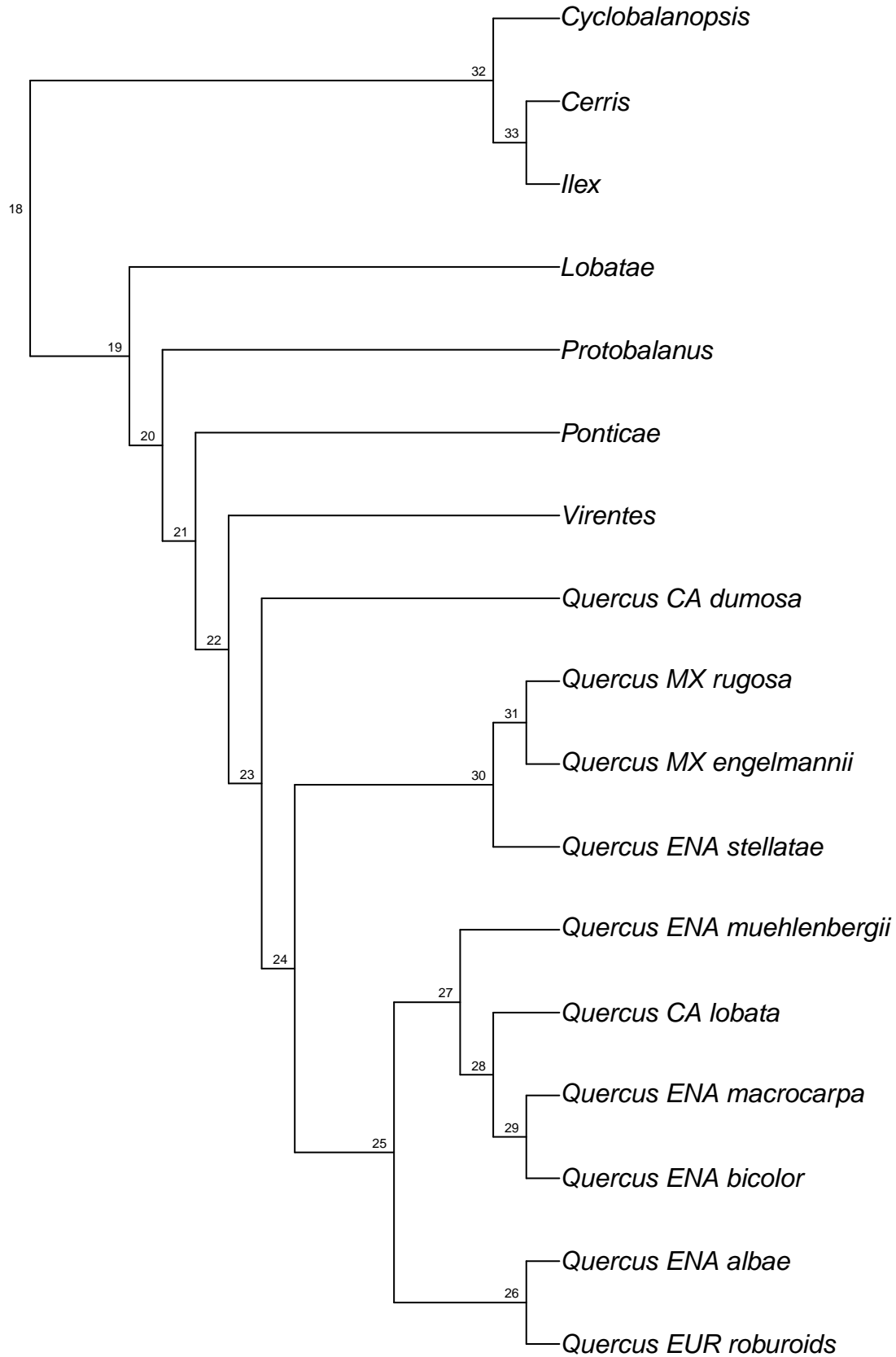
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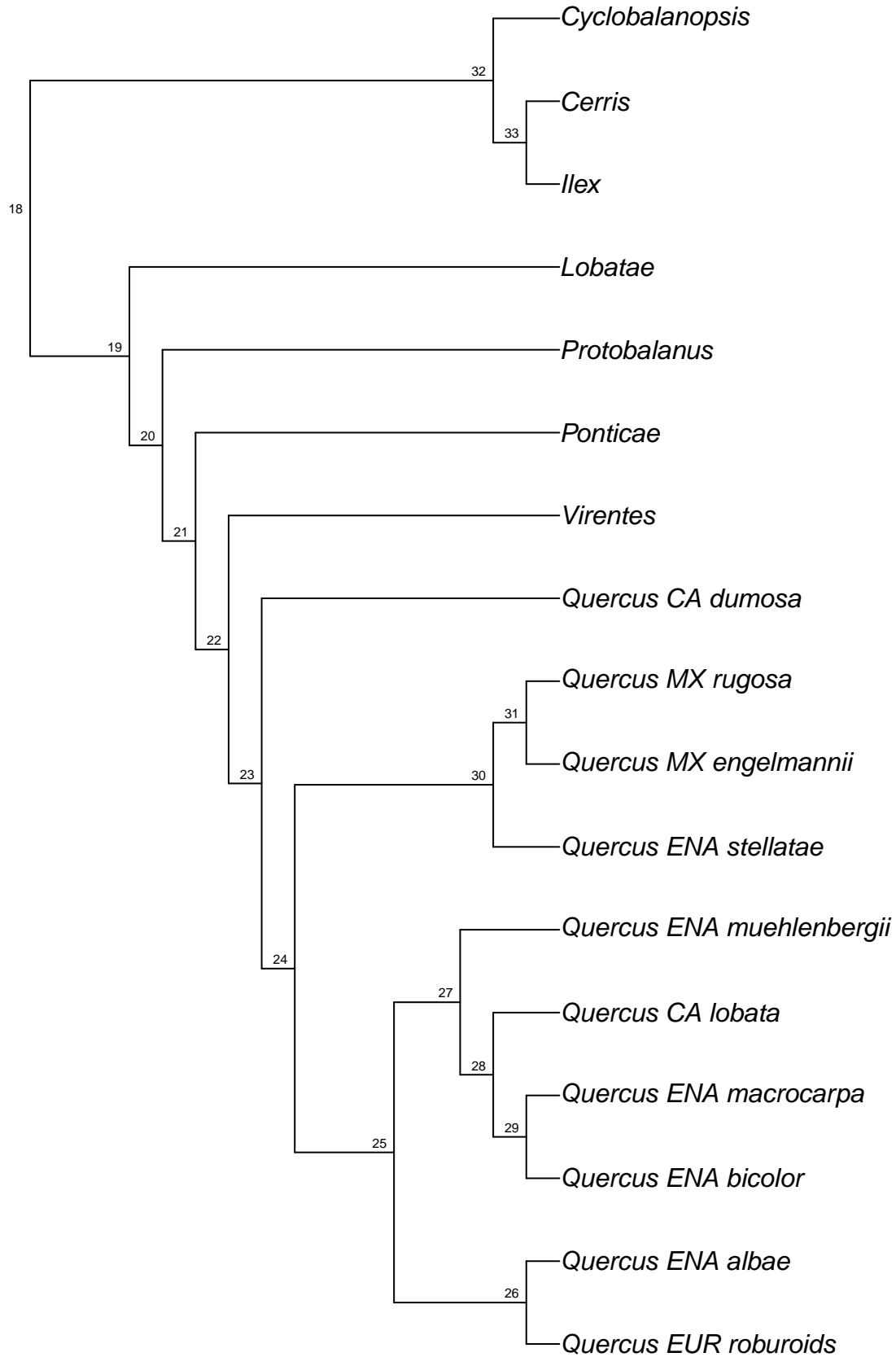
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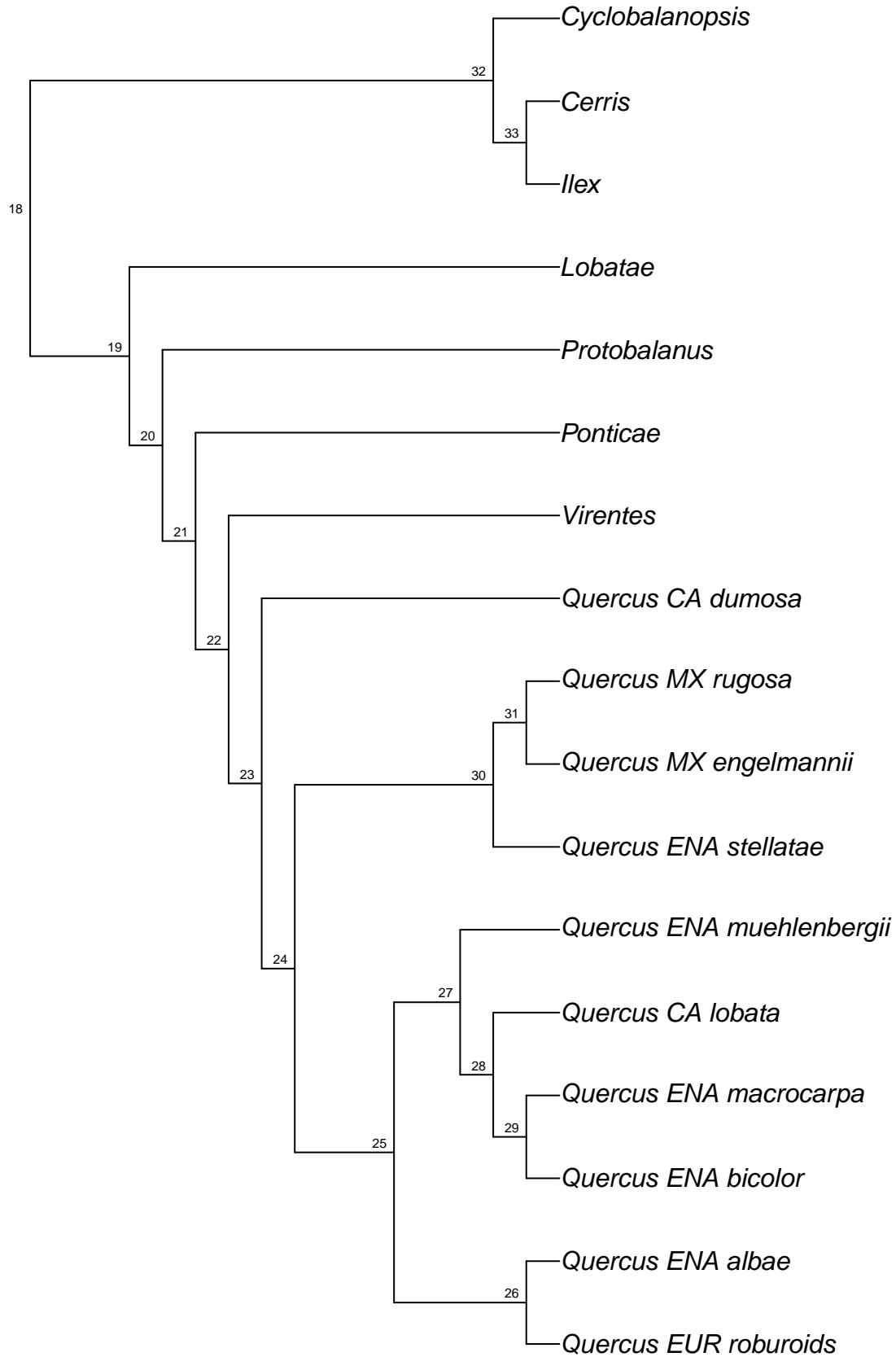
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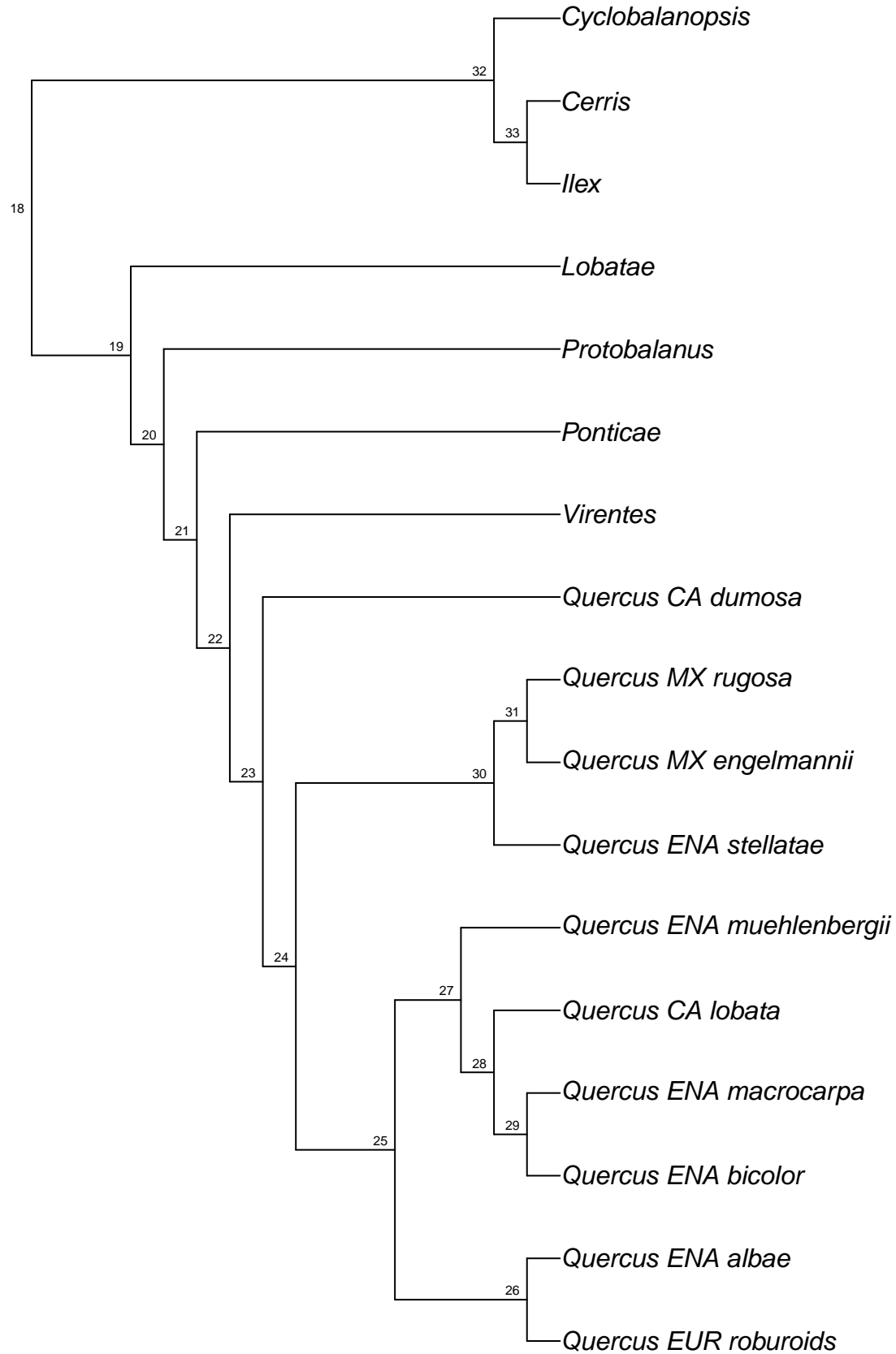
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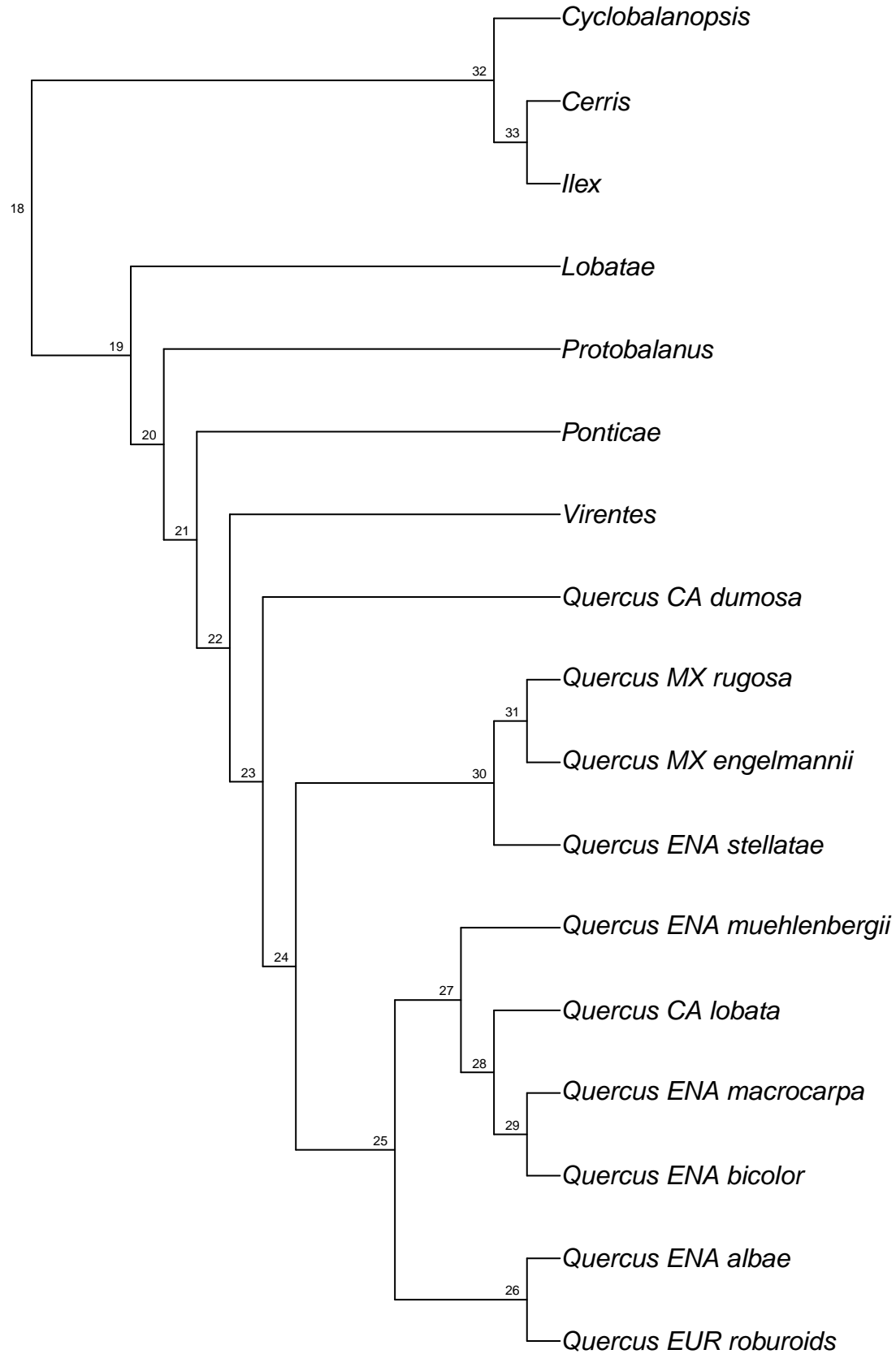
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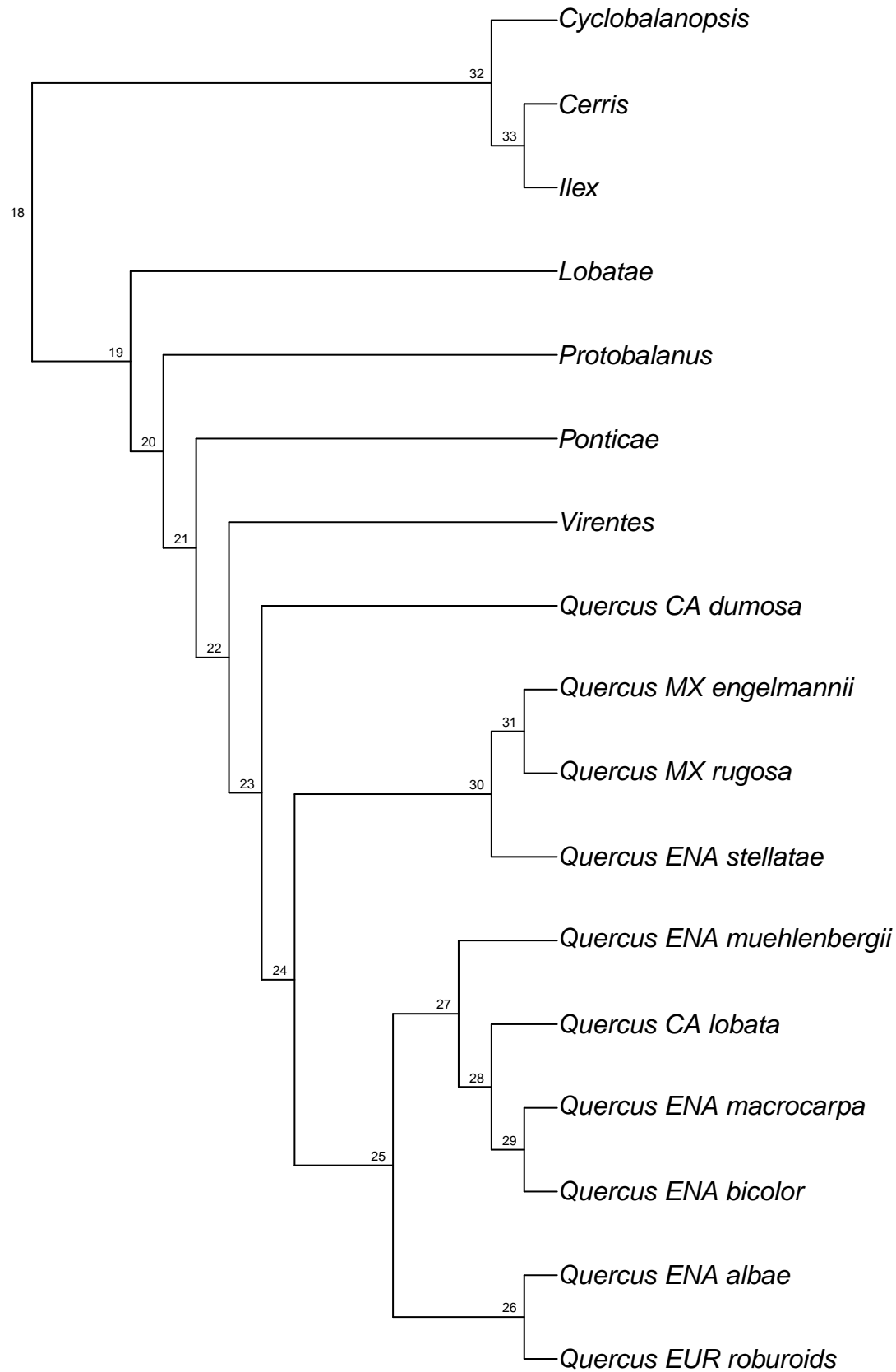
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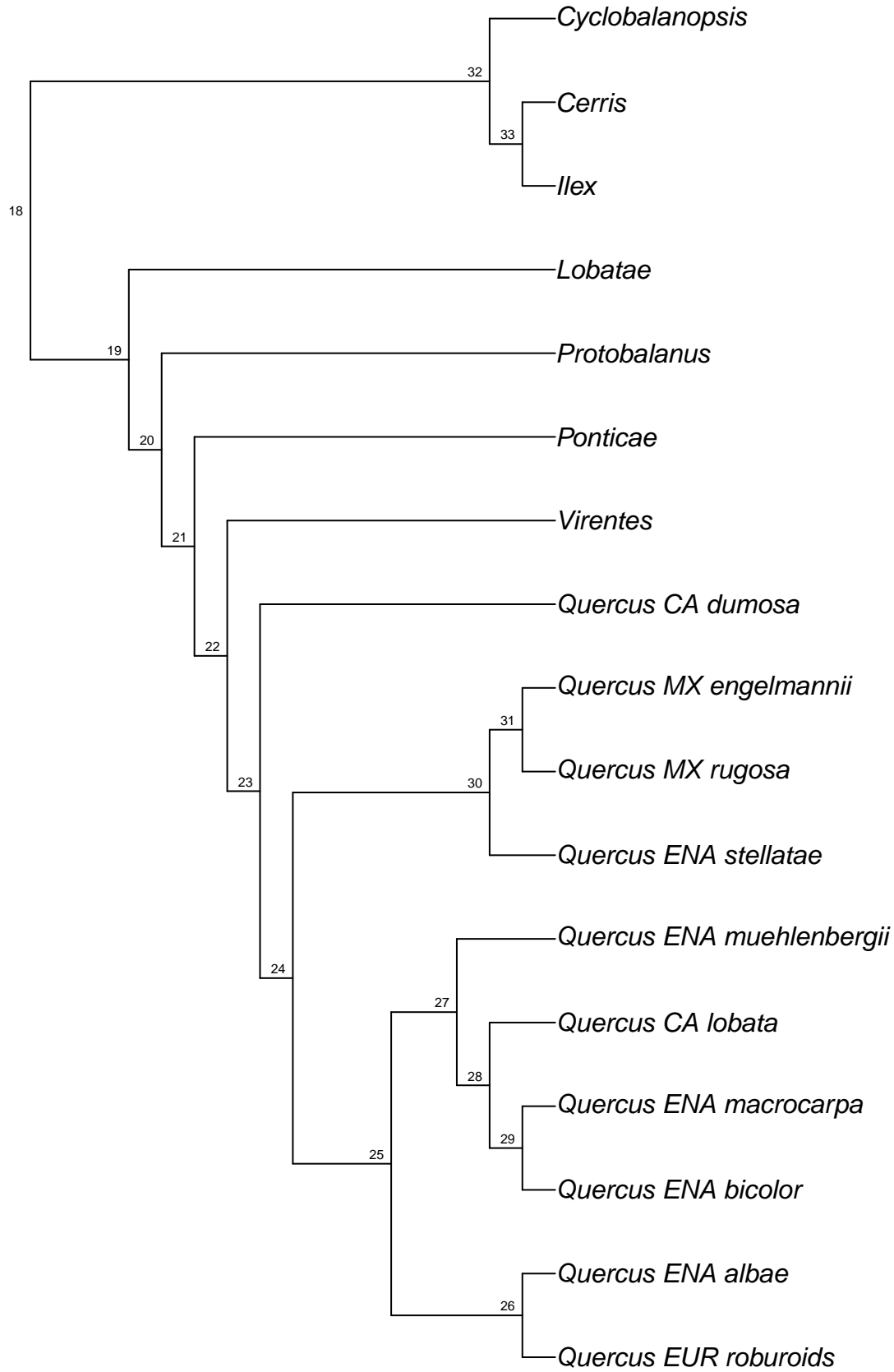
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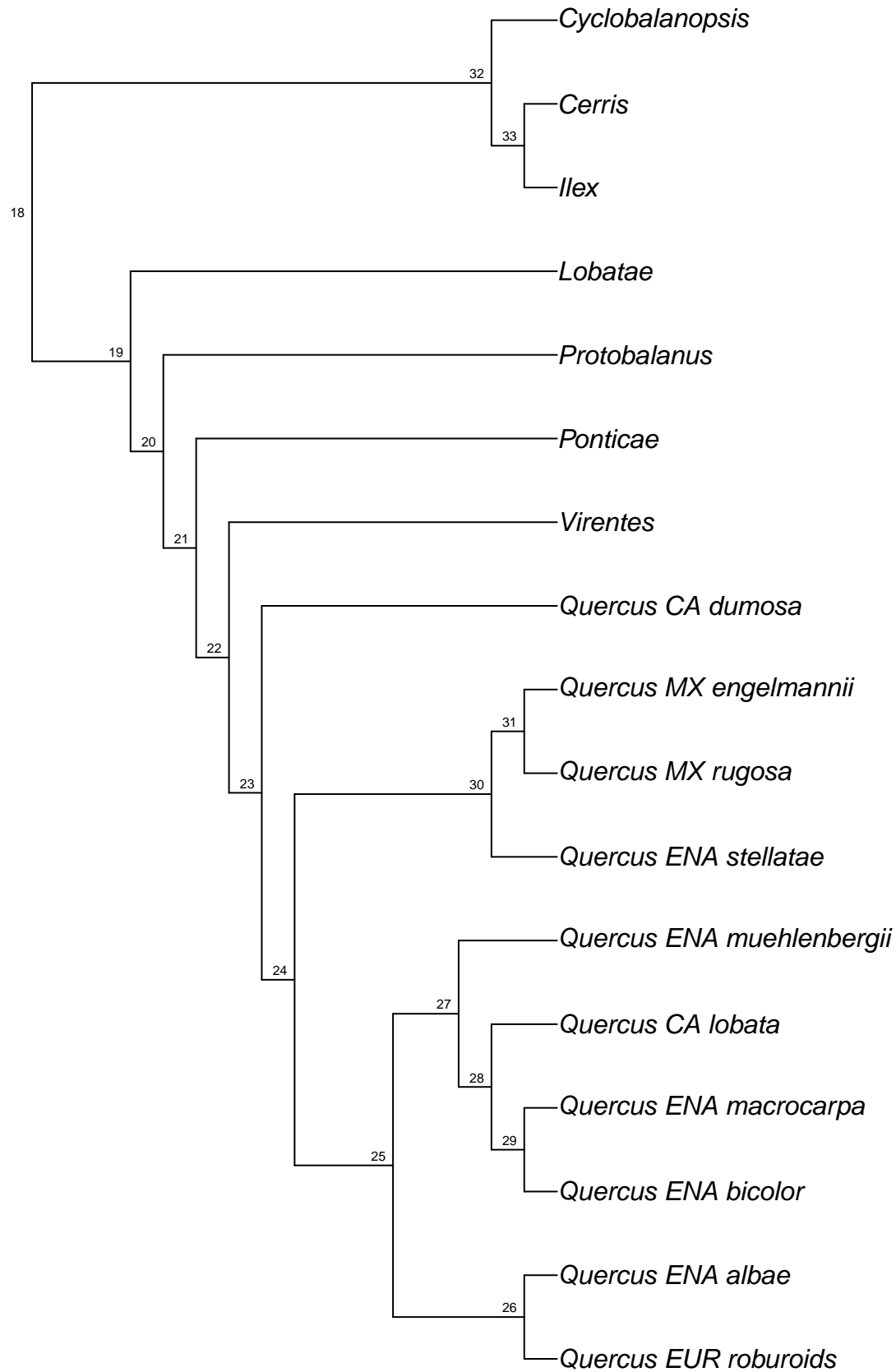
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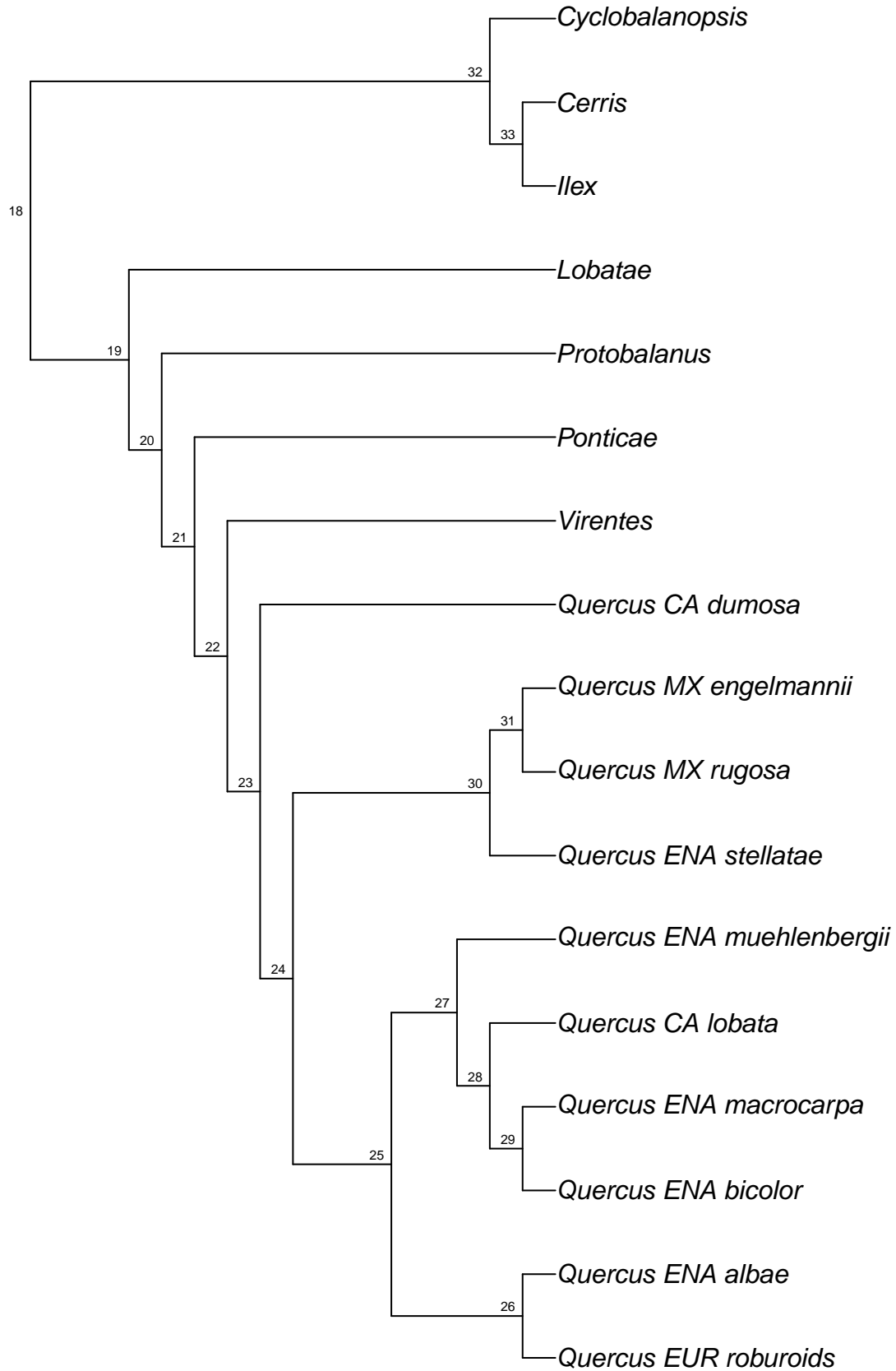
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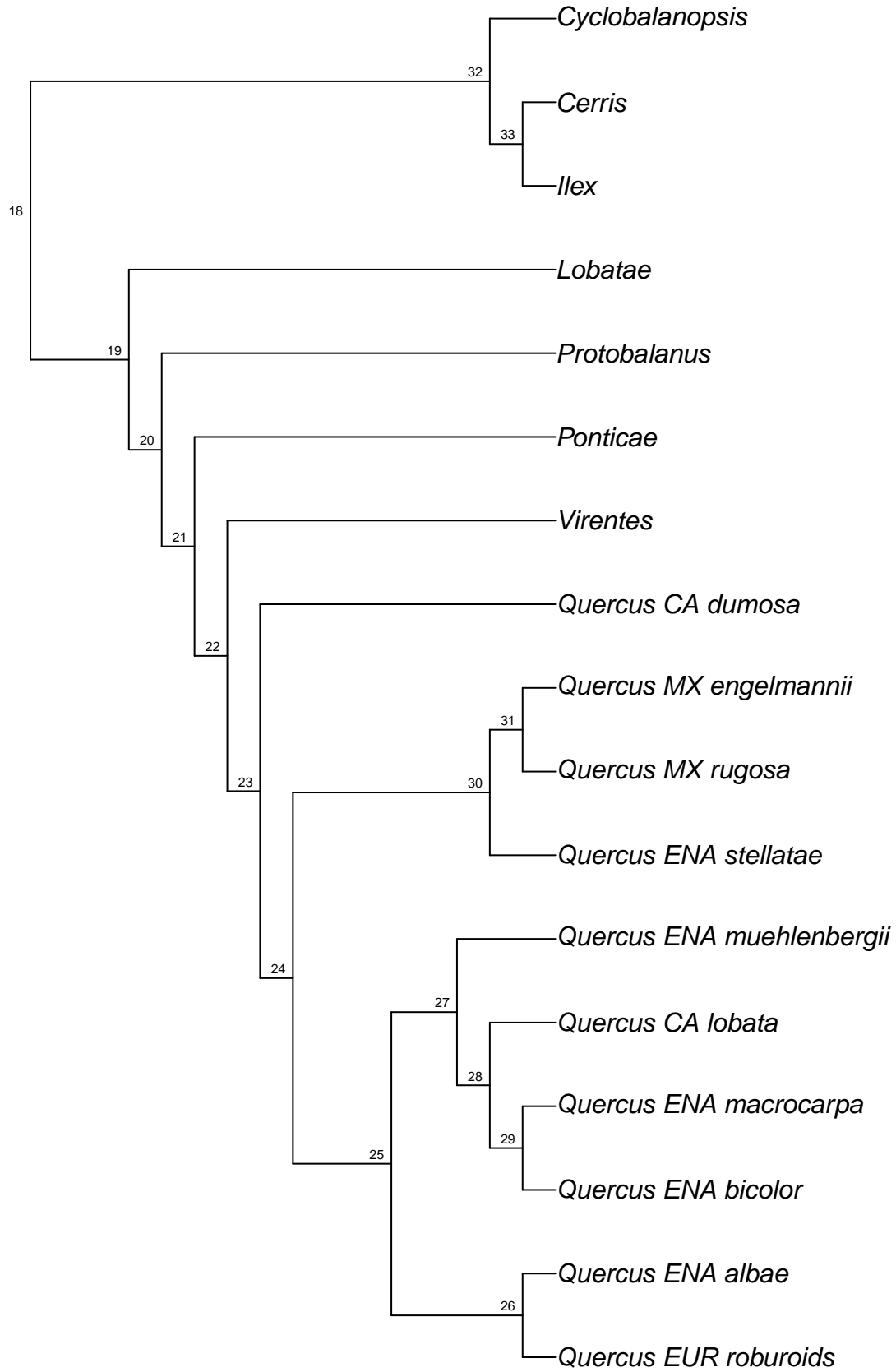
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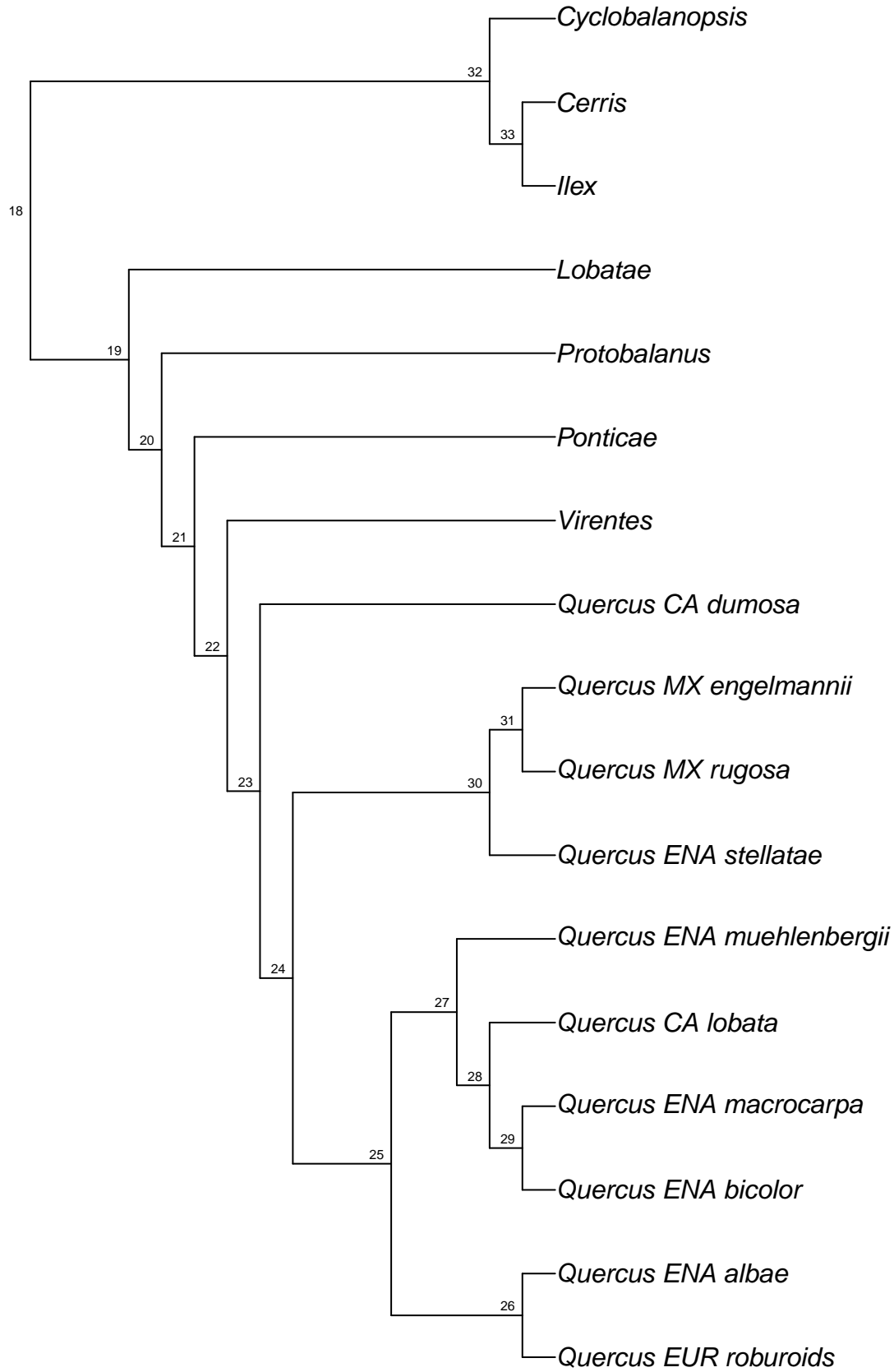
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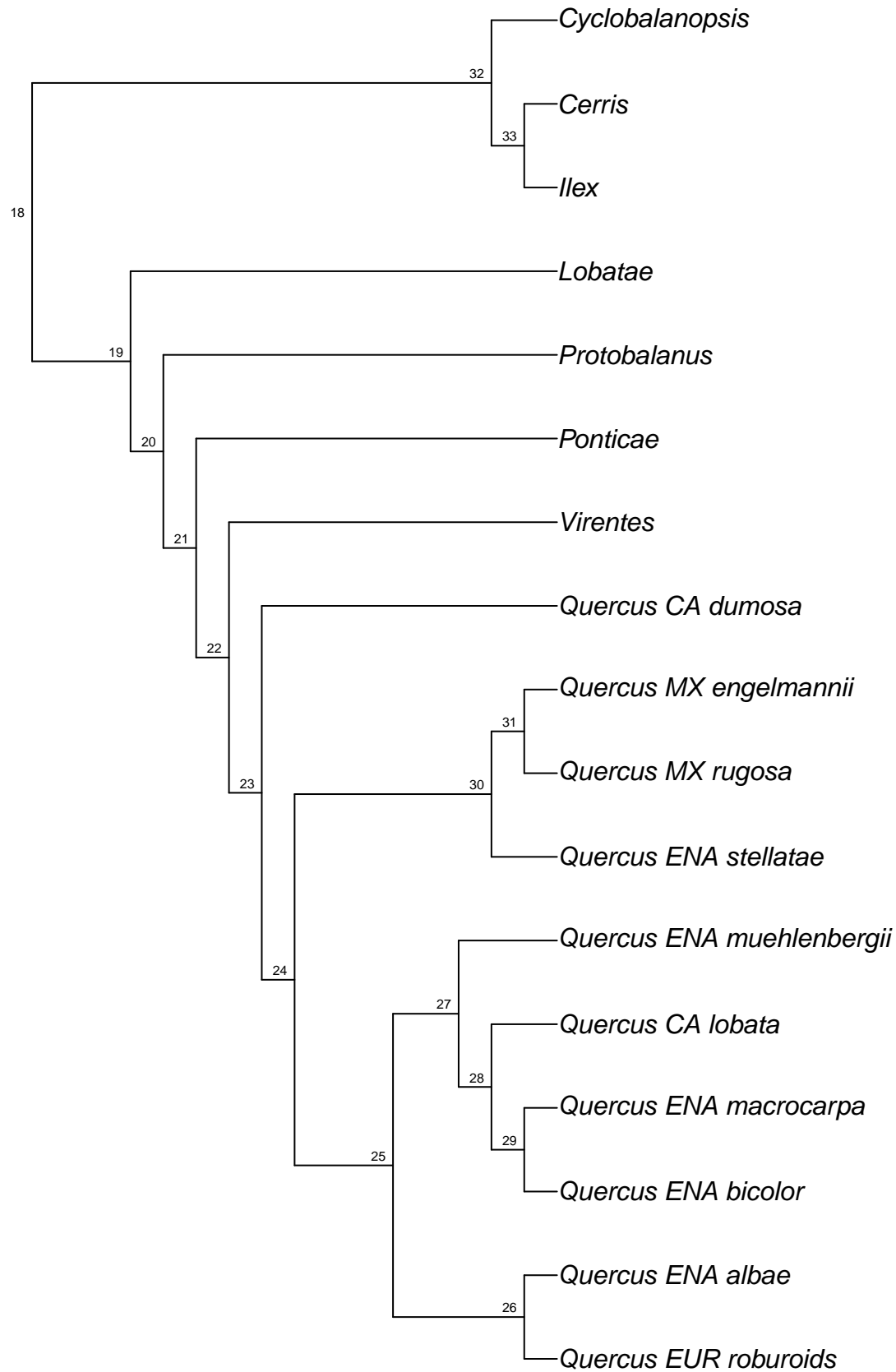
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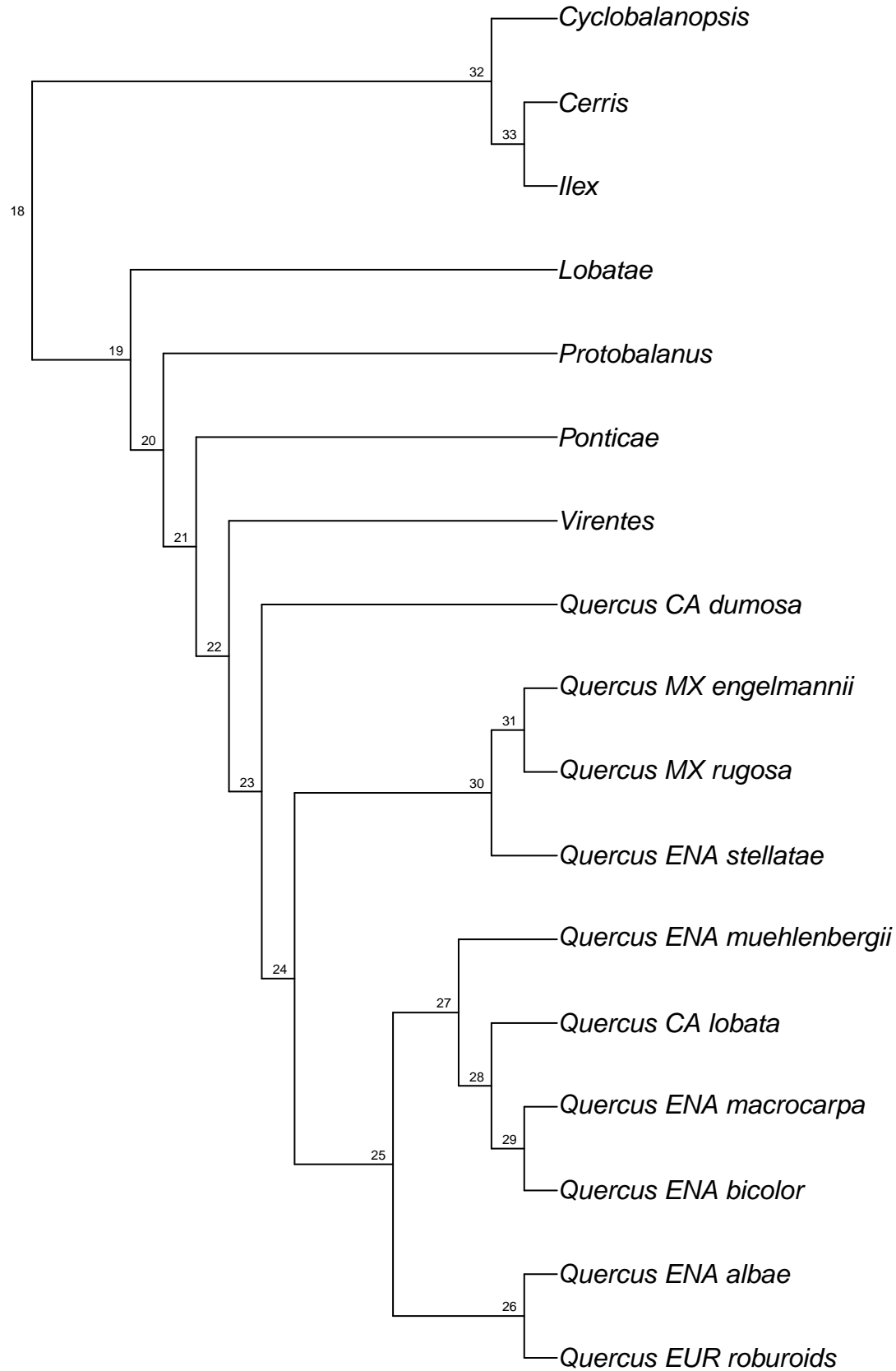
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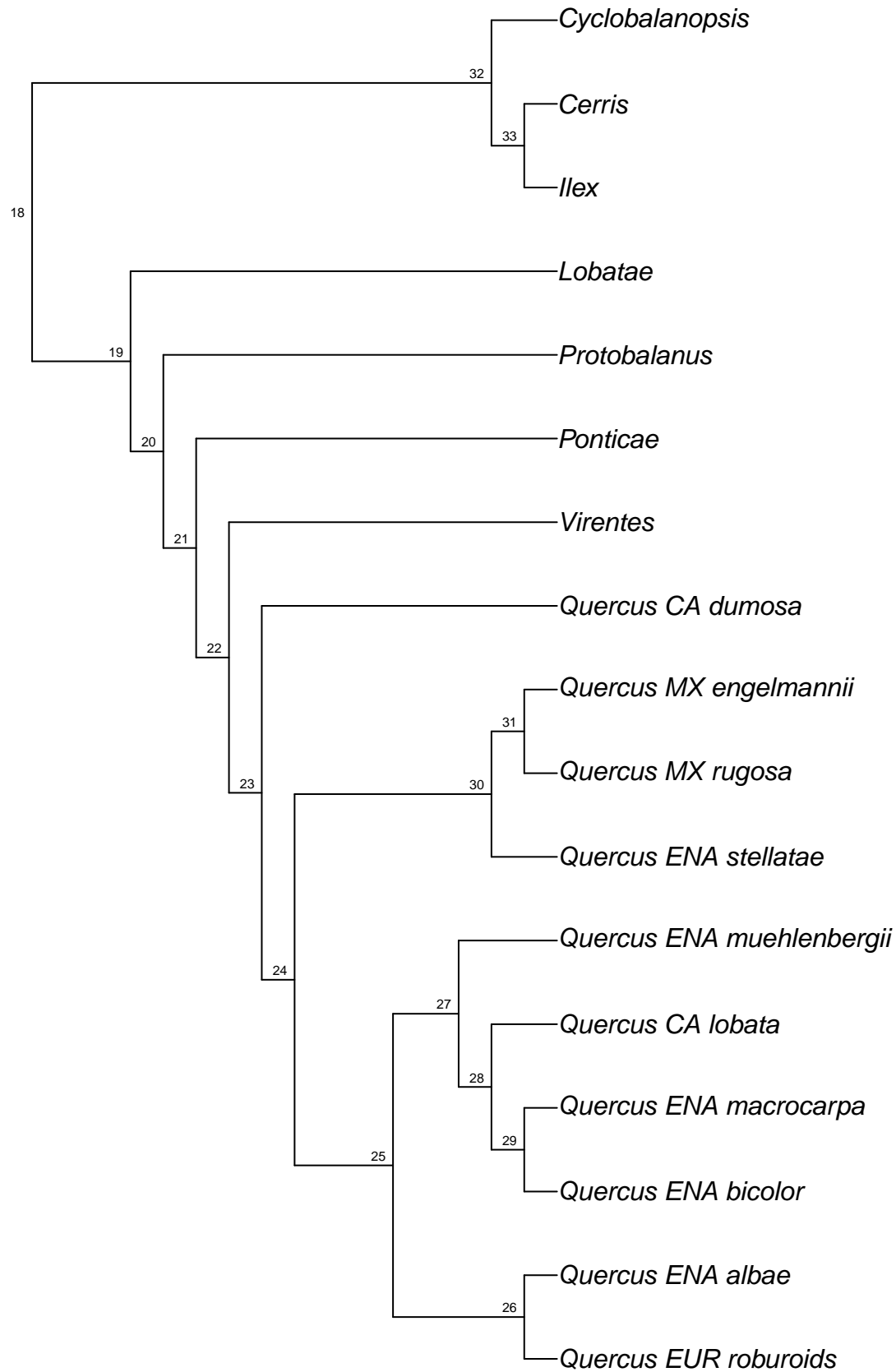
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reSeq.reseq_Qvar.bt029



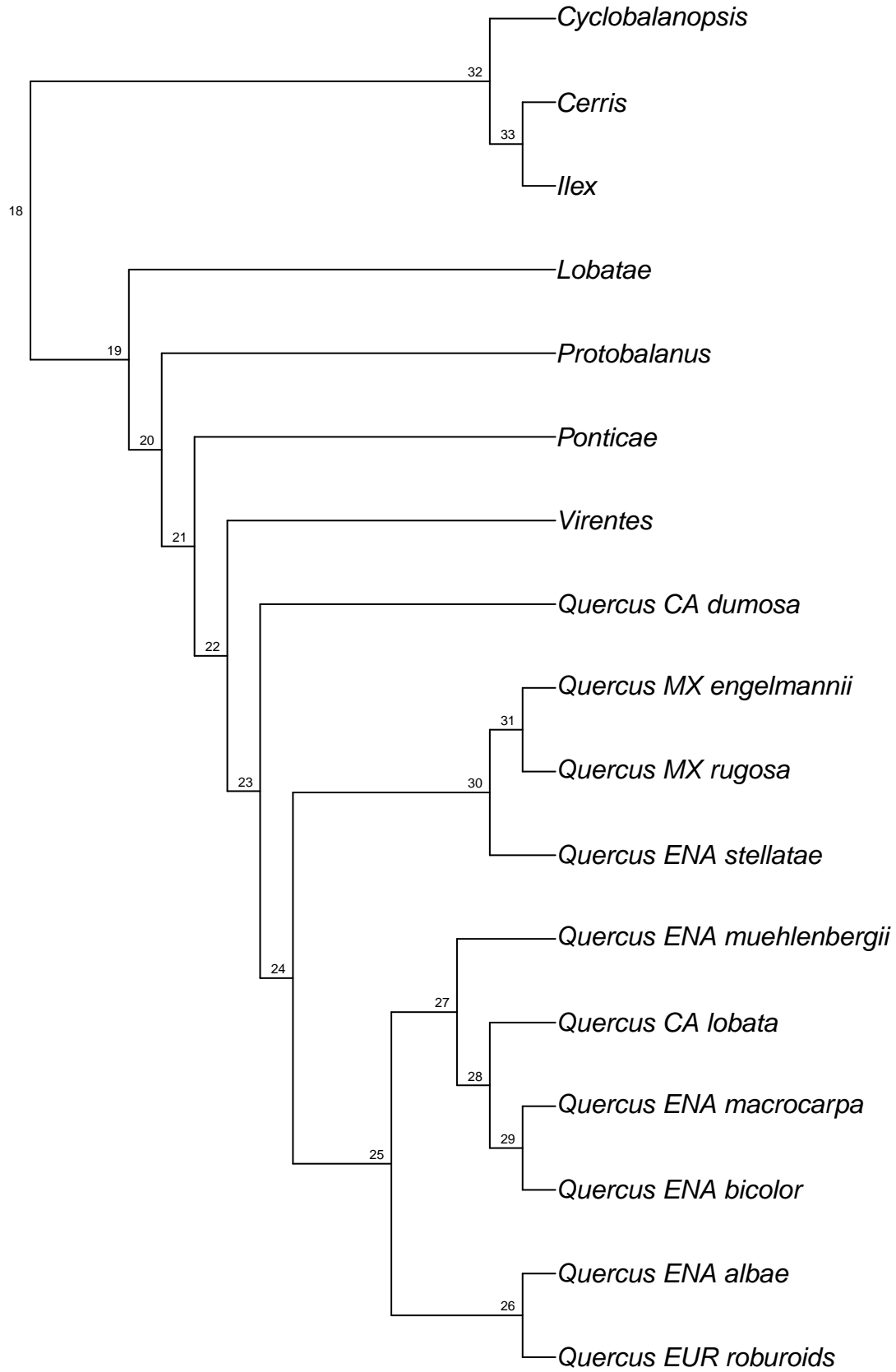
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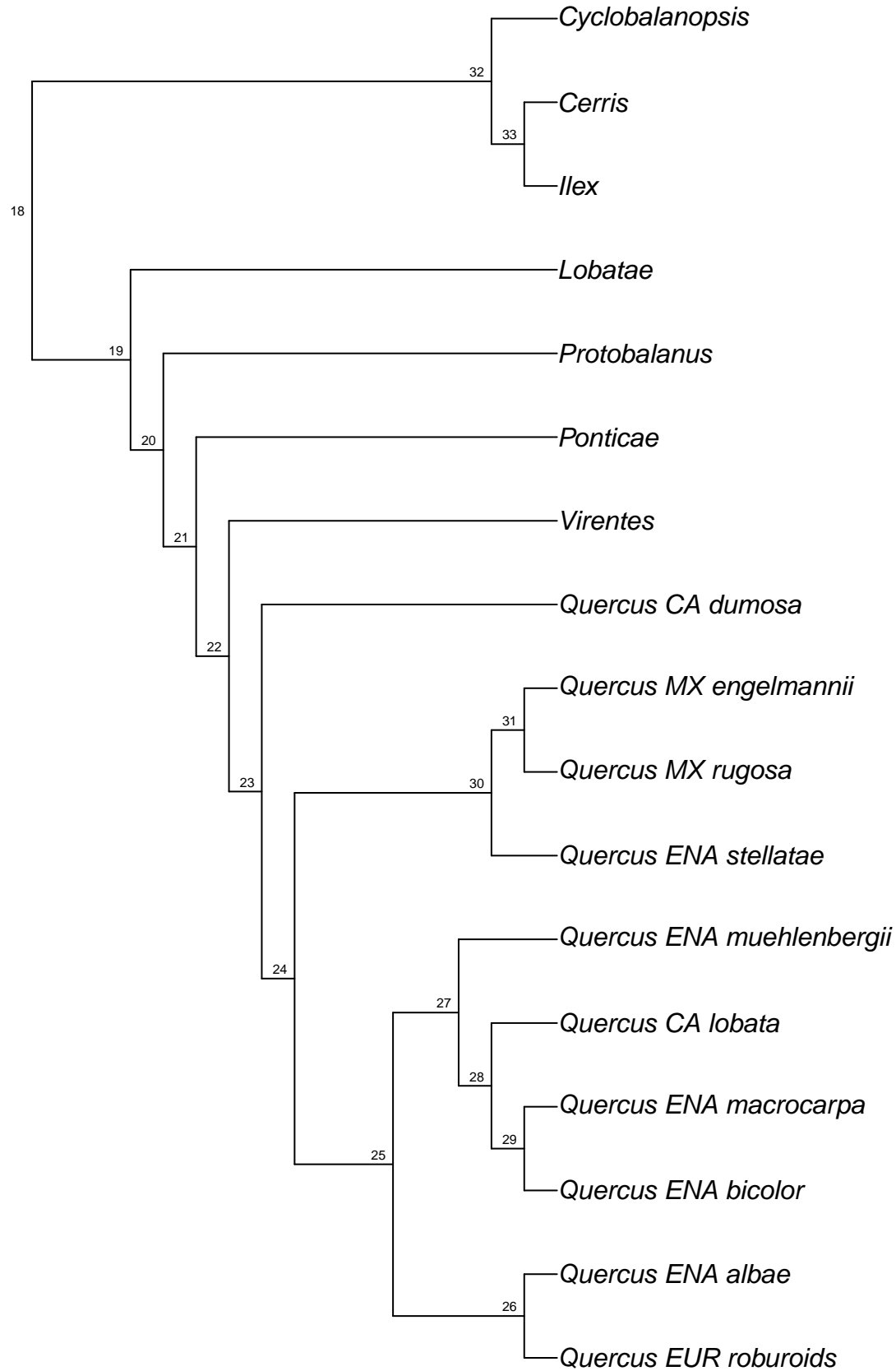
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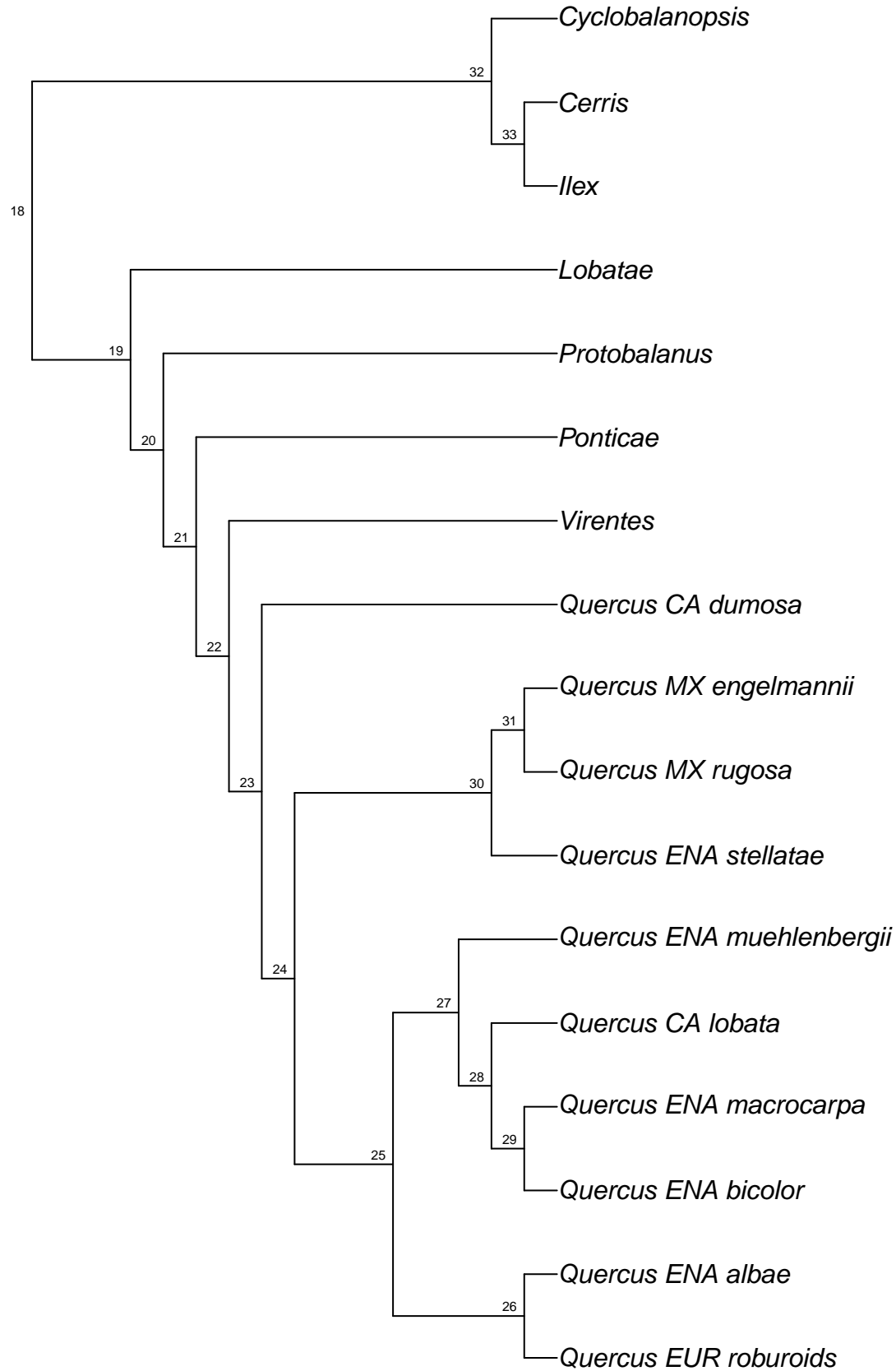
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reSeq.reseq_Qvar.bt033



reSeq.reseq_Qvar.bt034



reSeq.reseq_Qvar.bt035



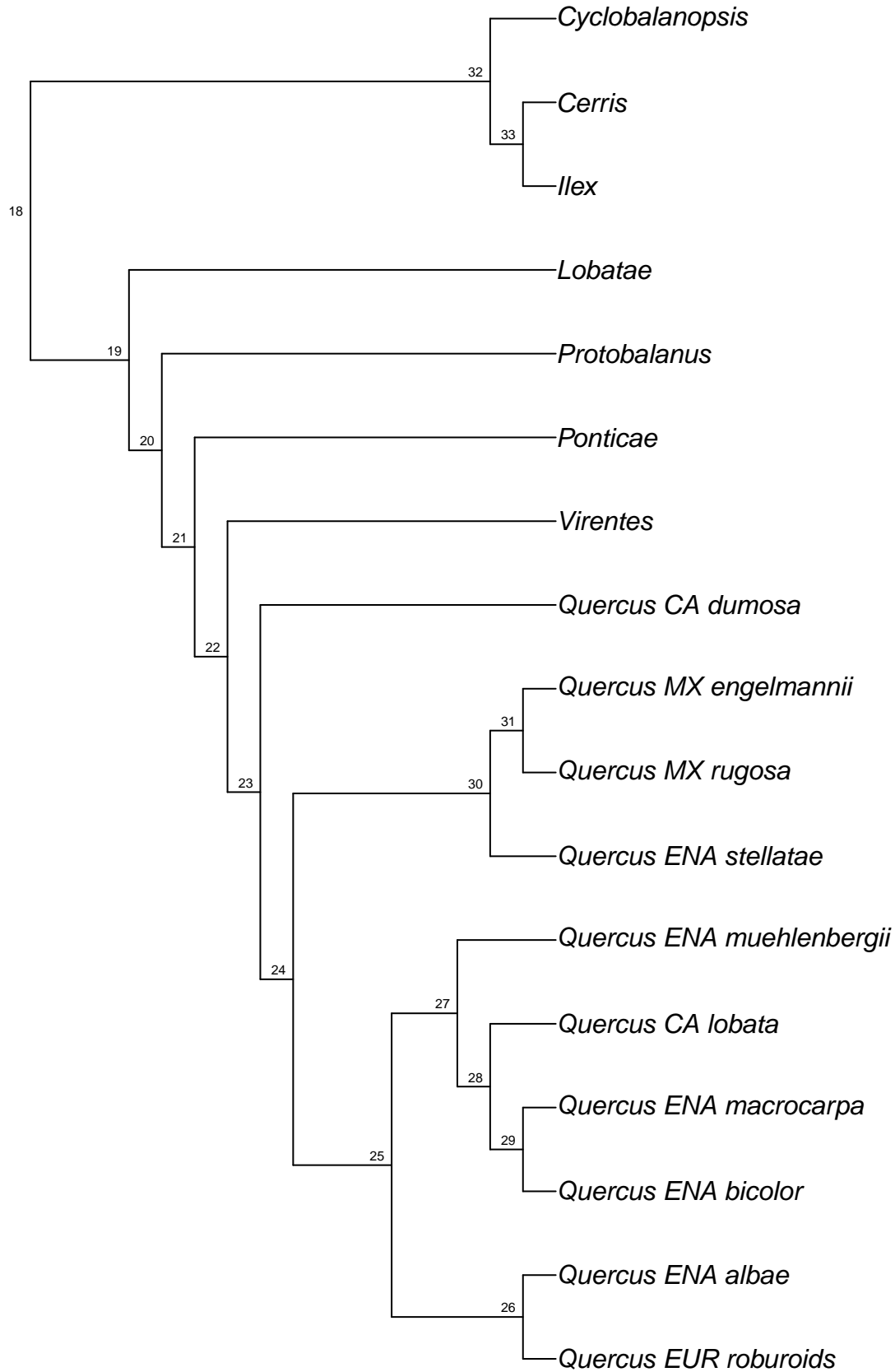
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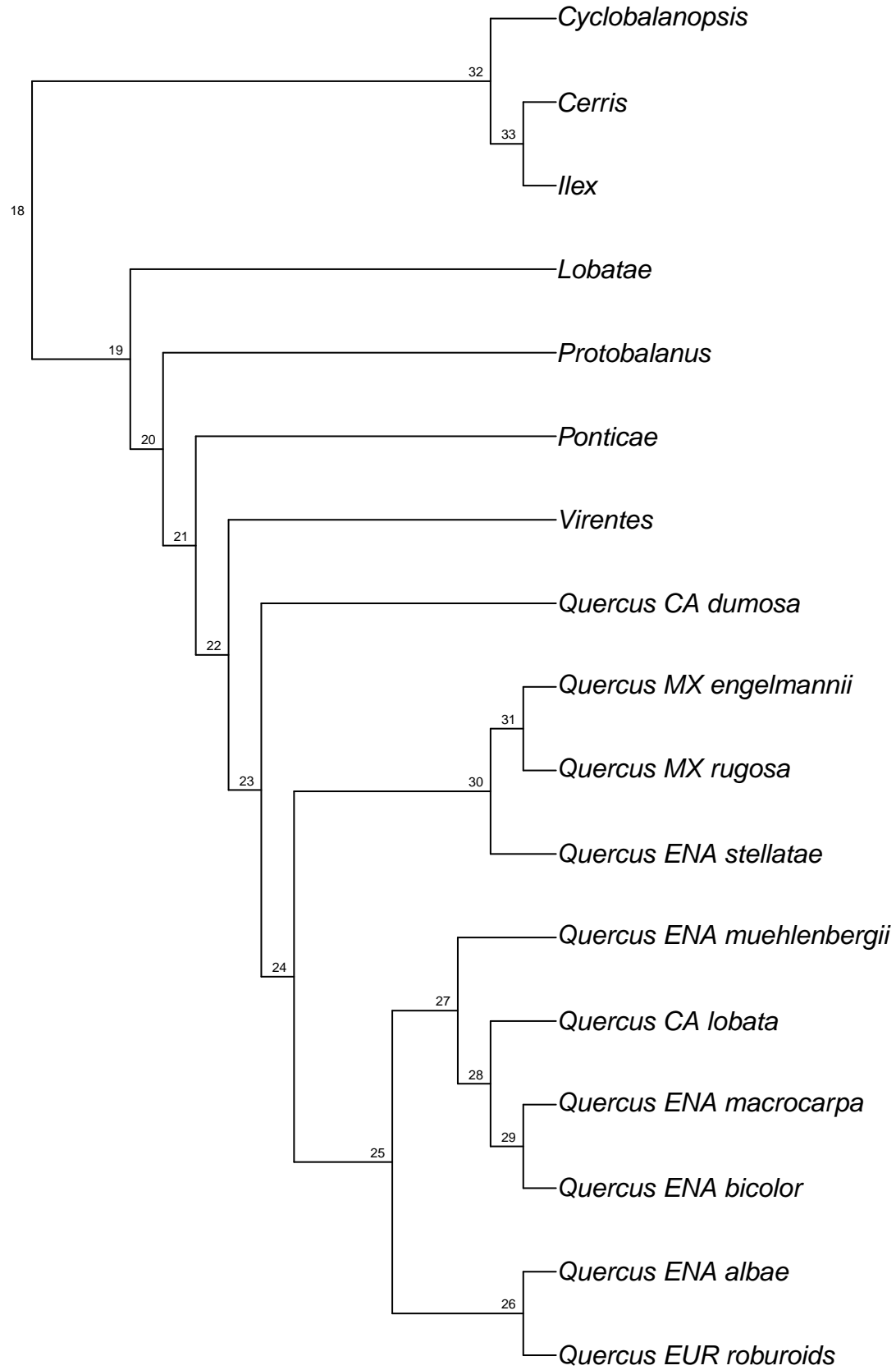
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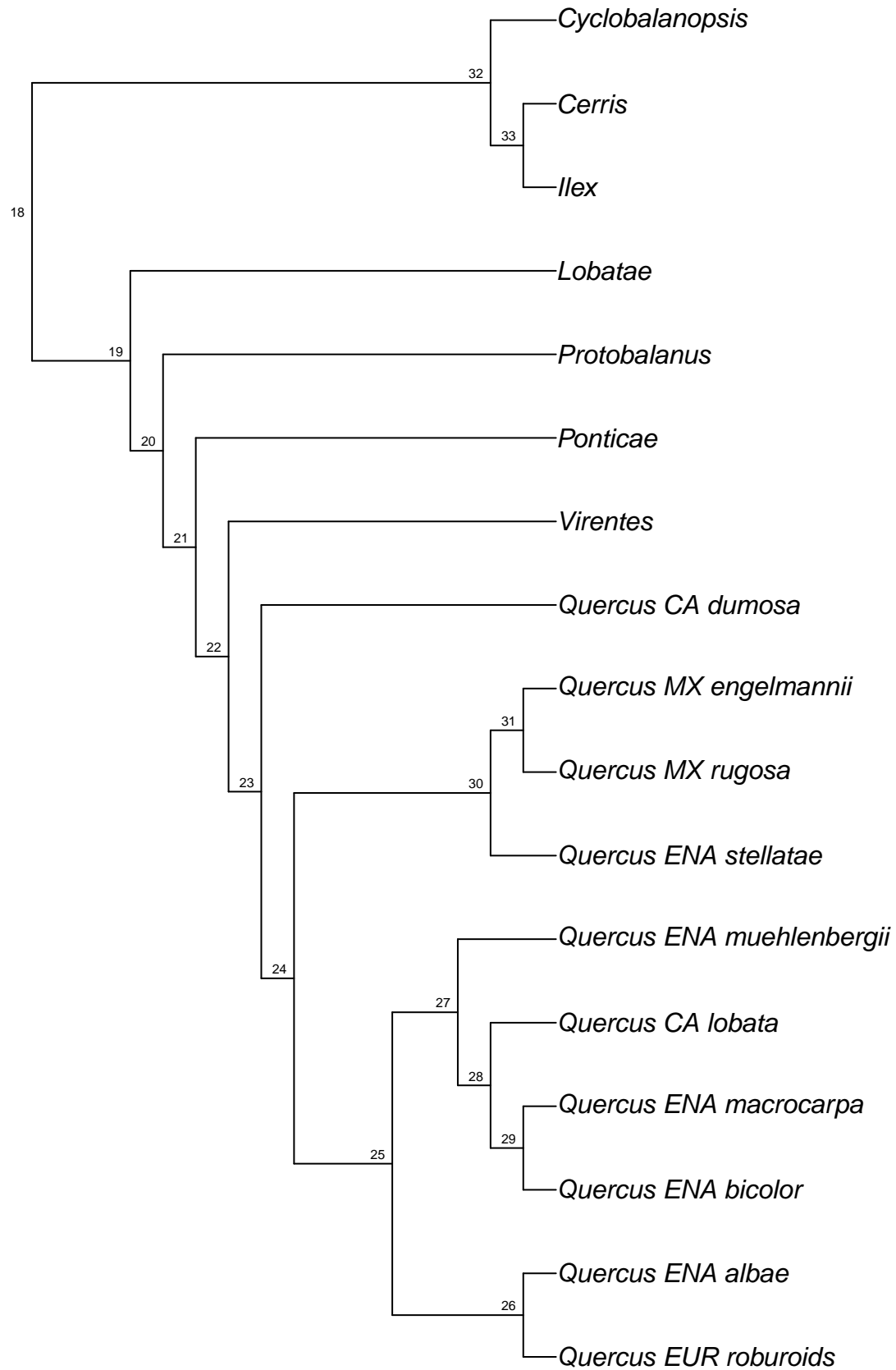
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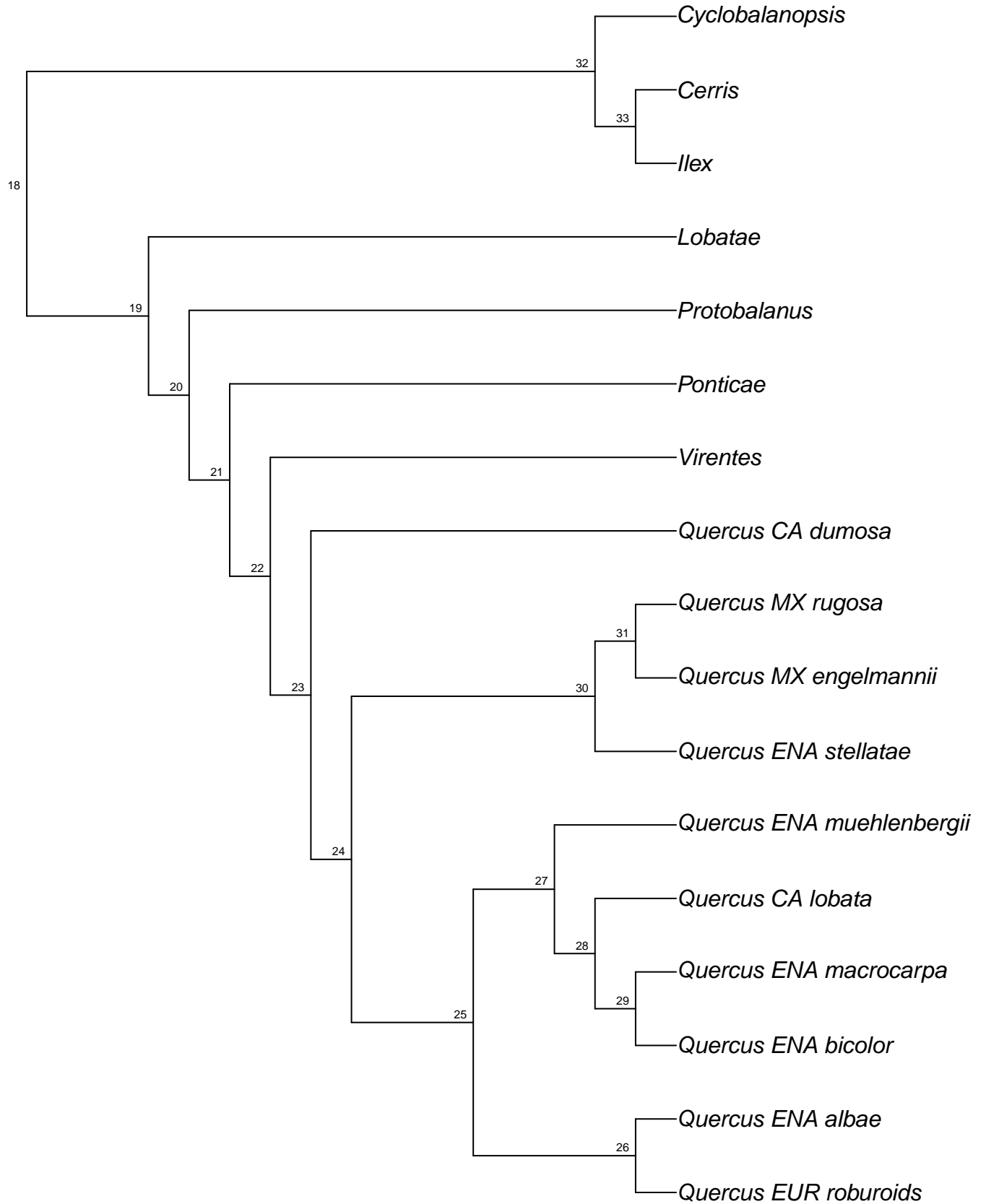
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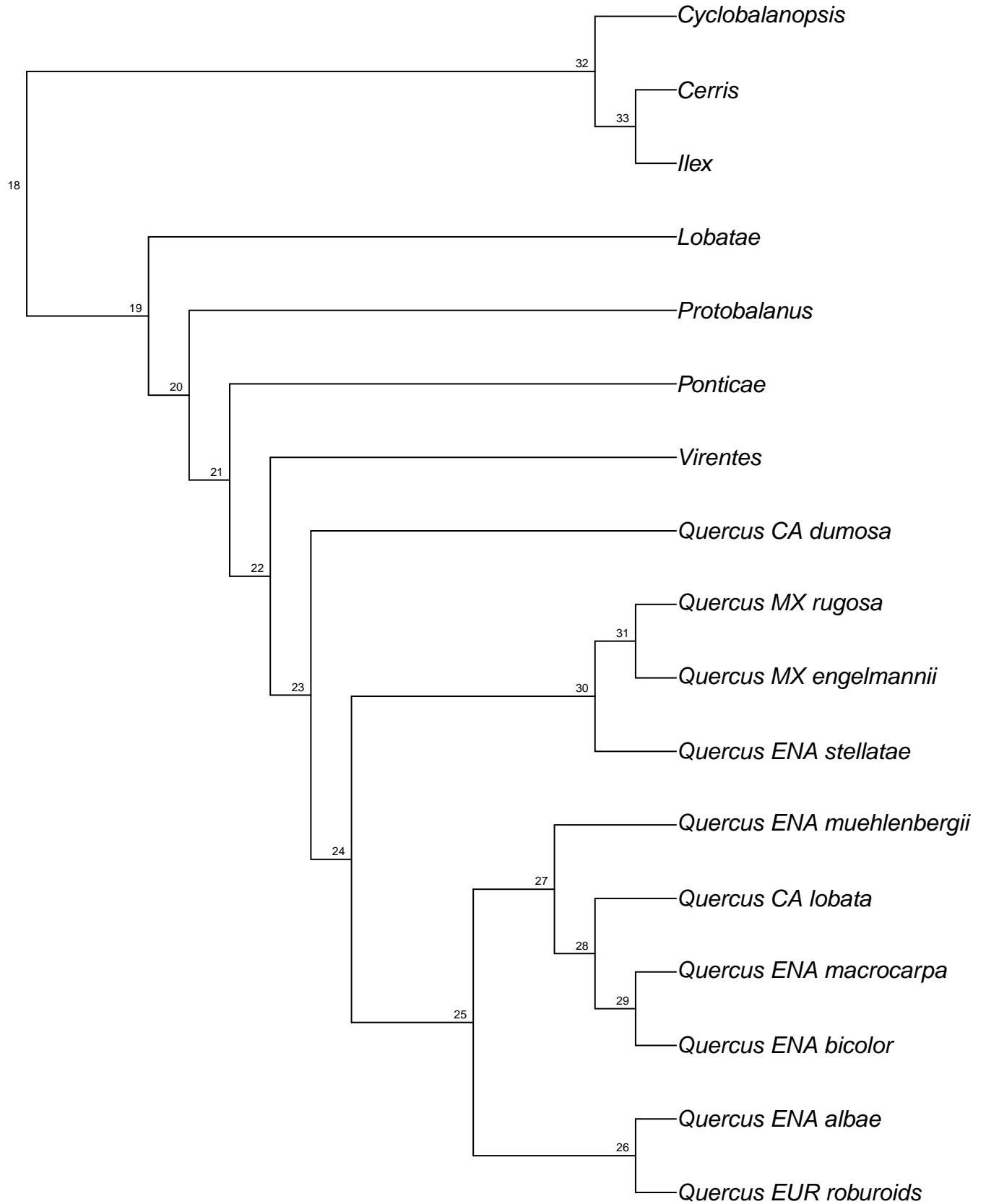
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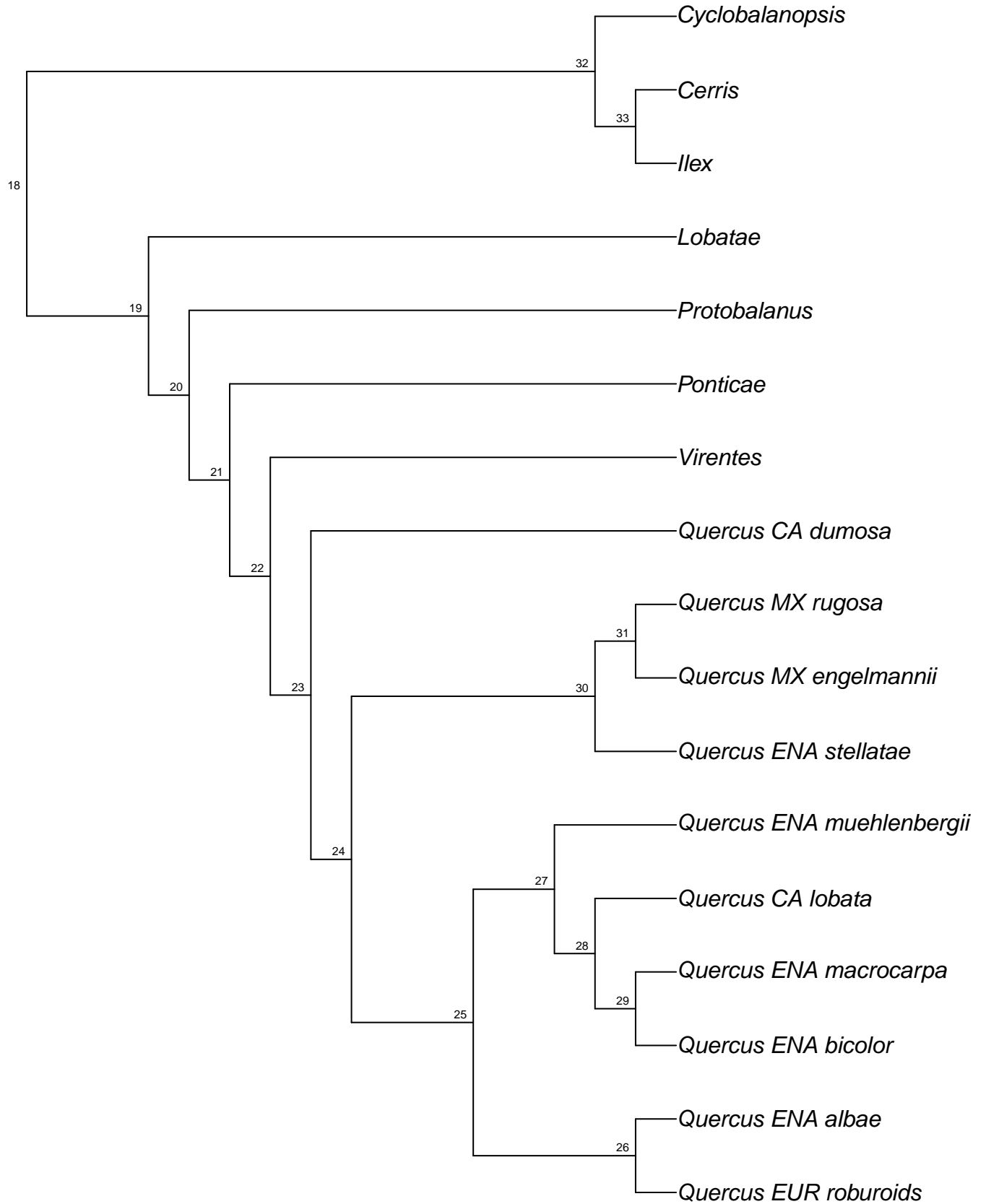
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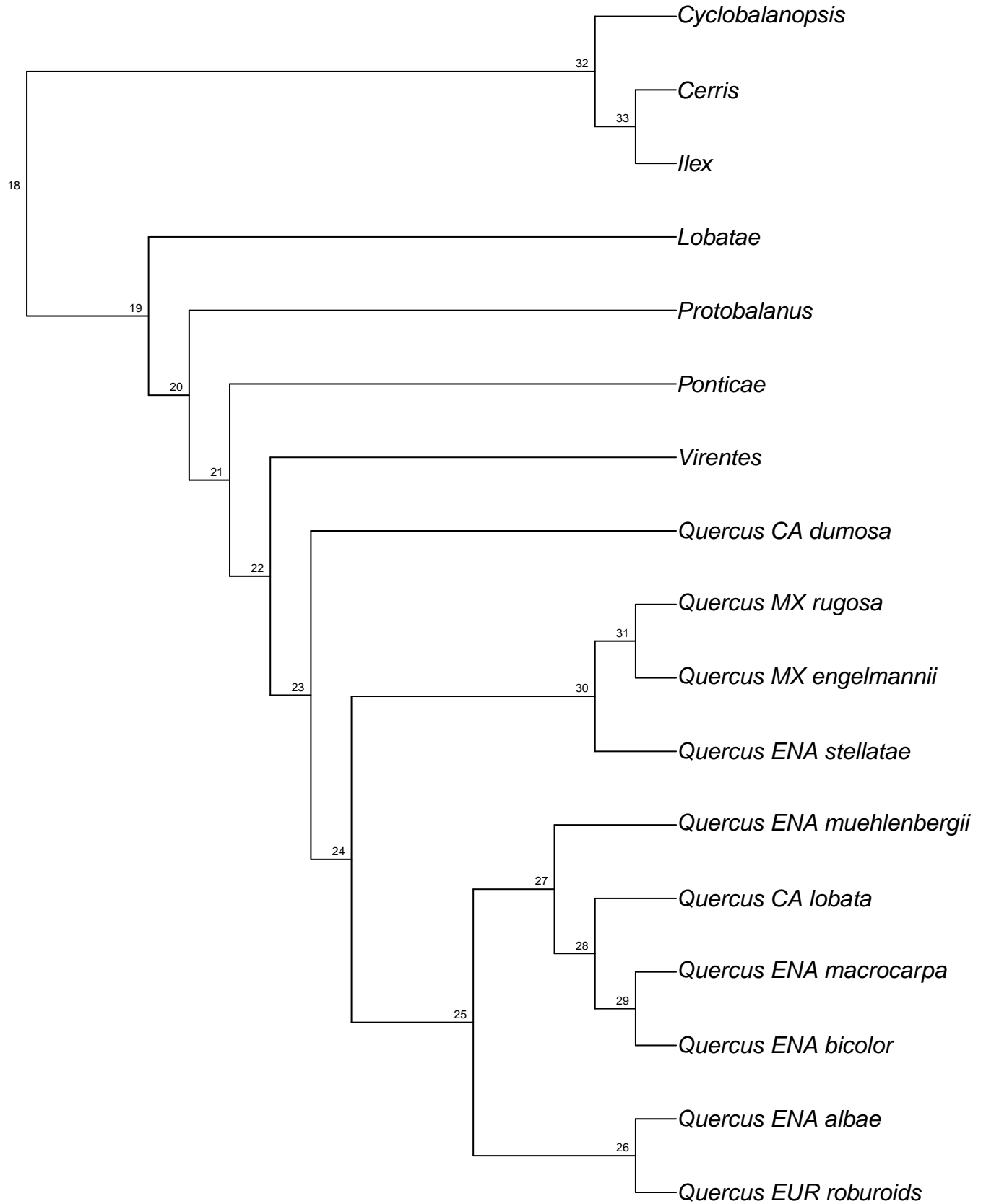
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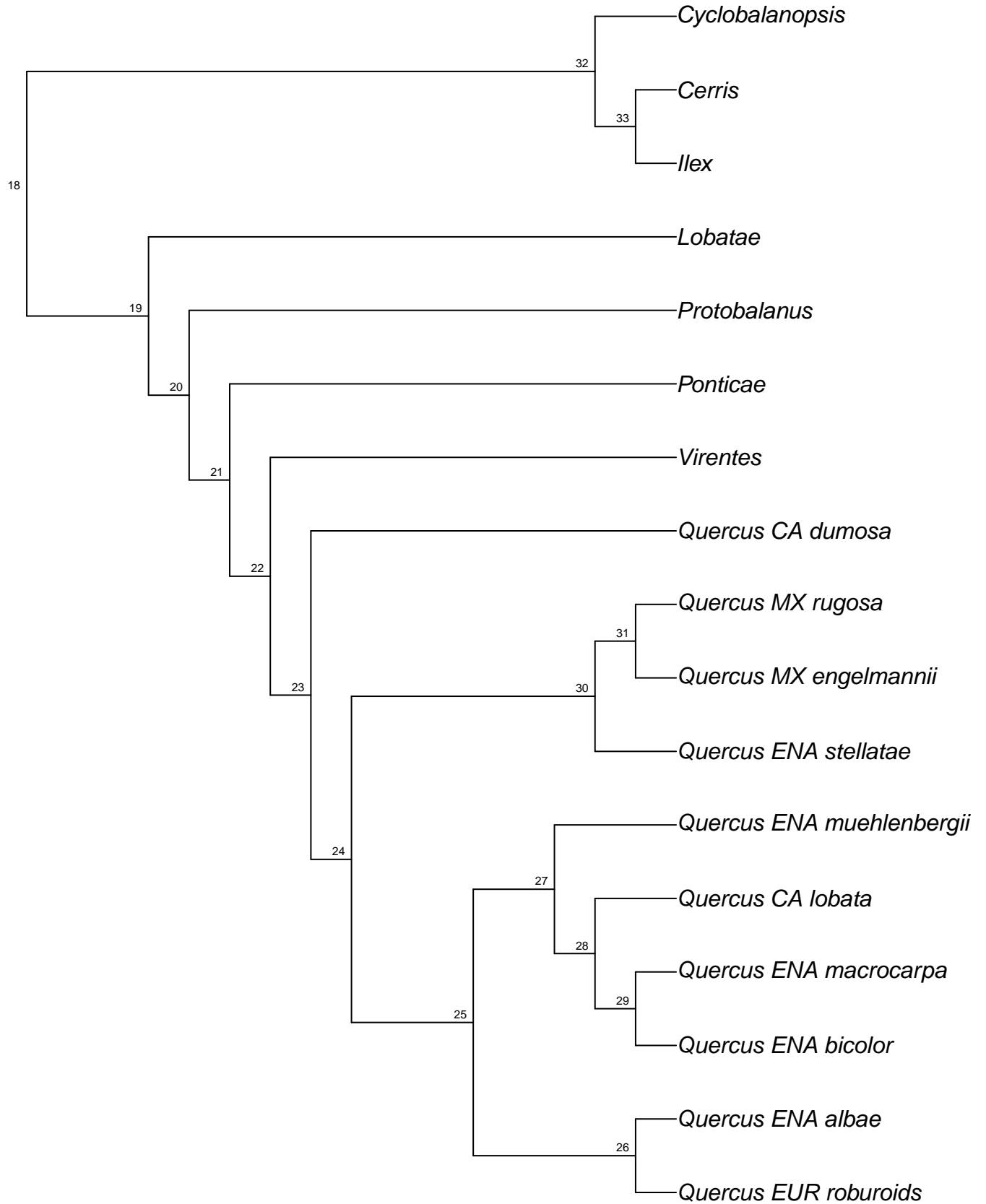
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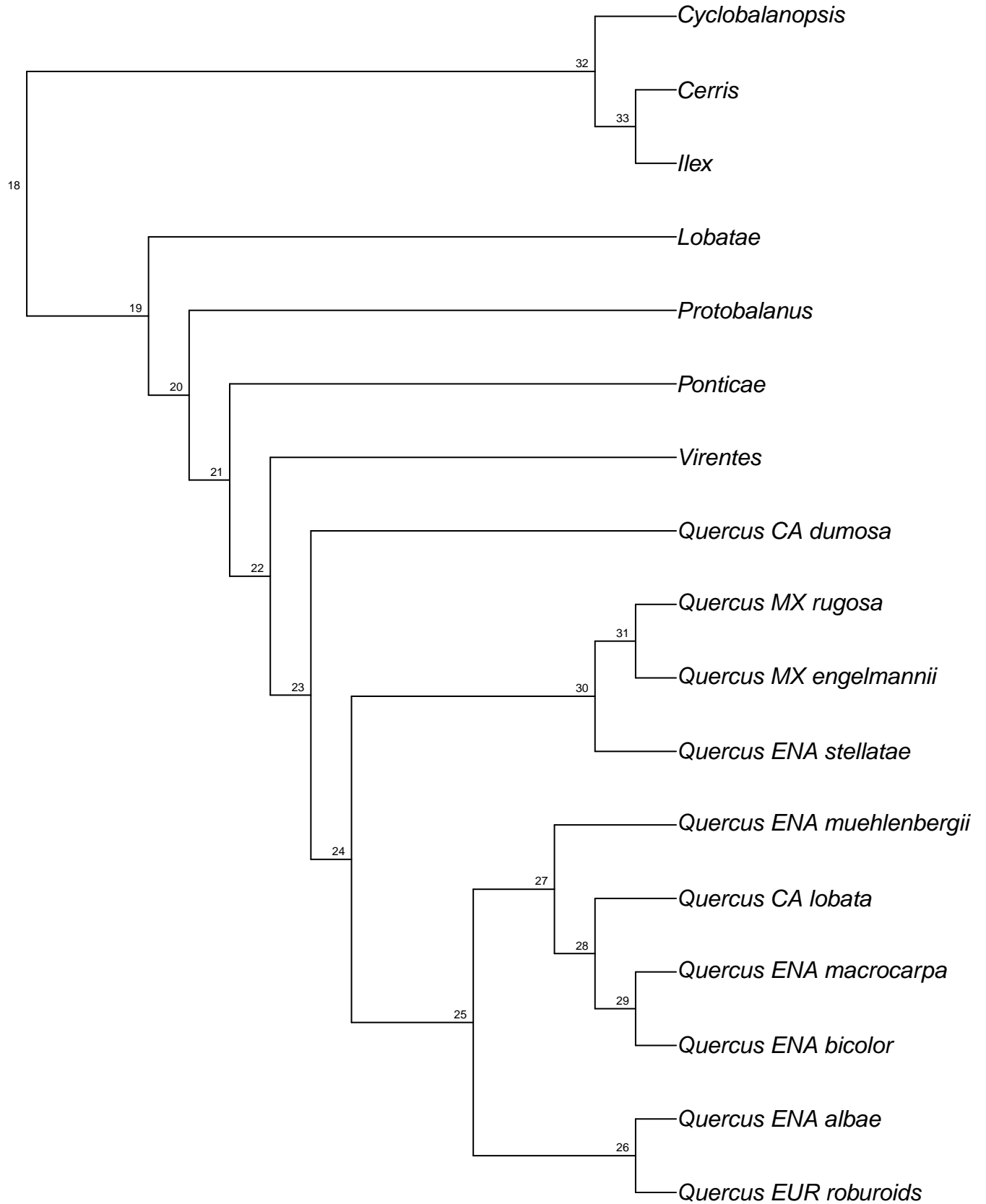
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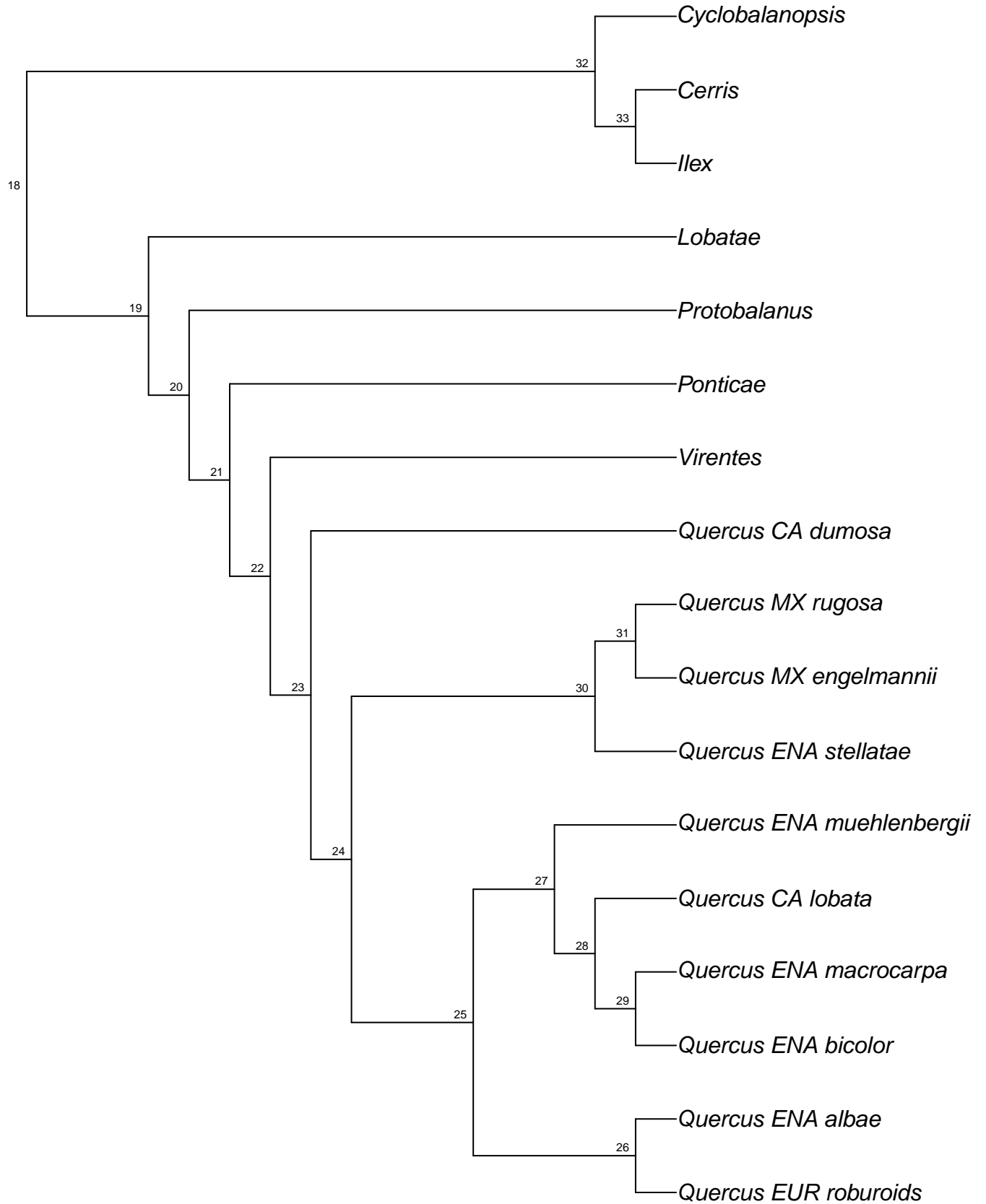
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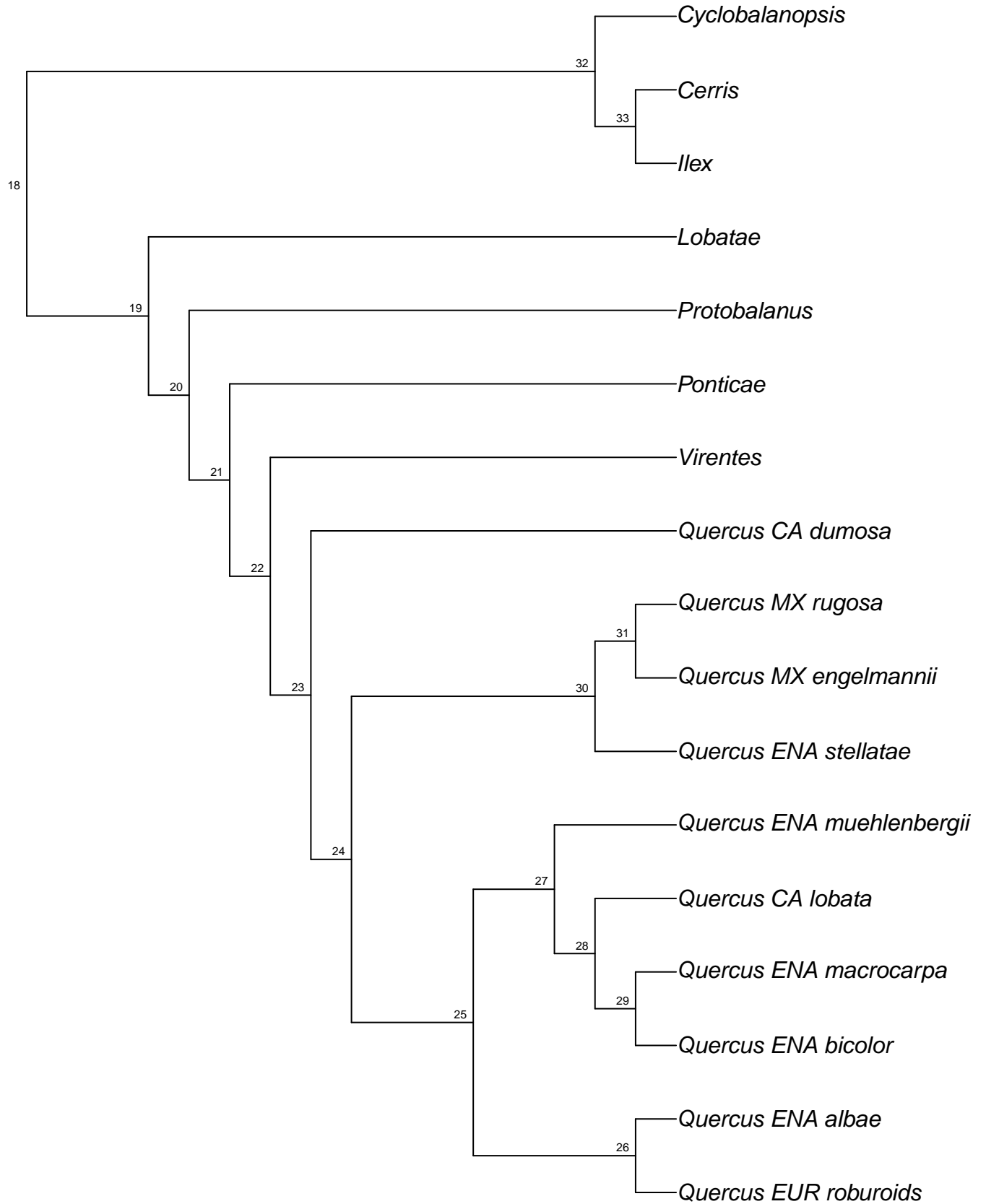
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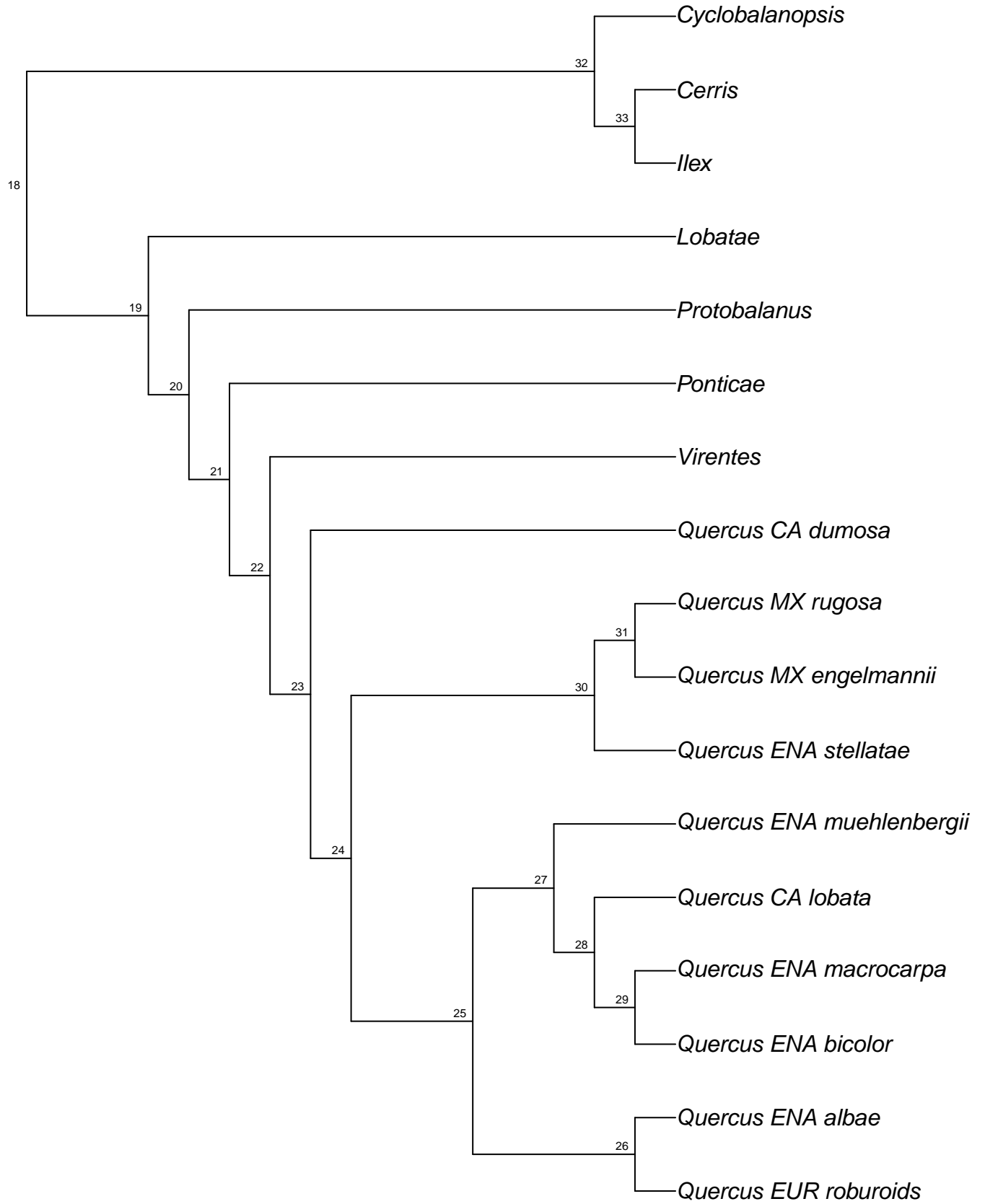
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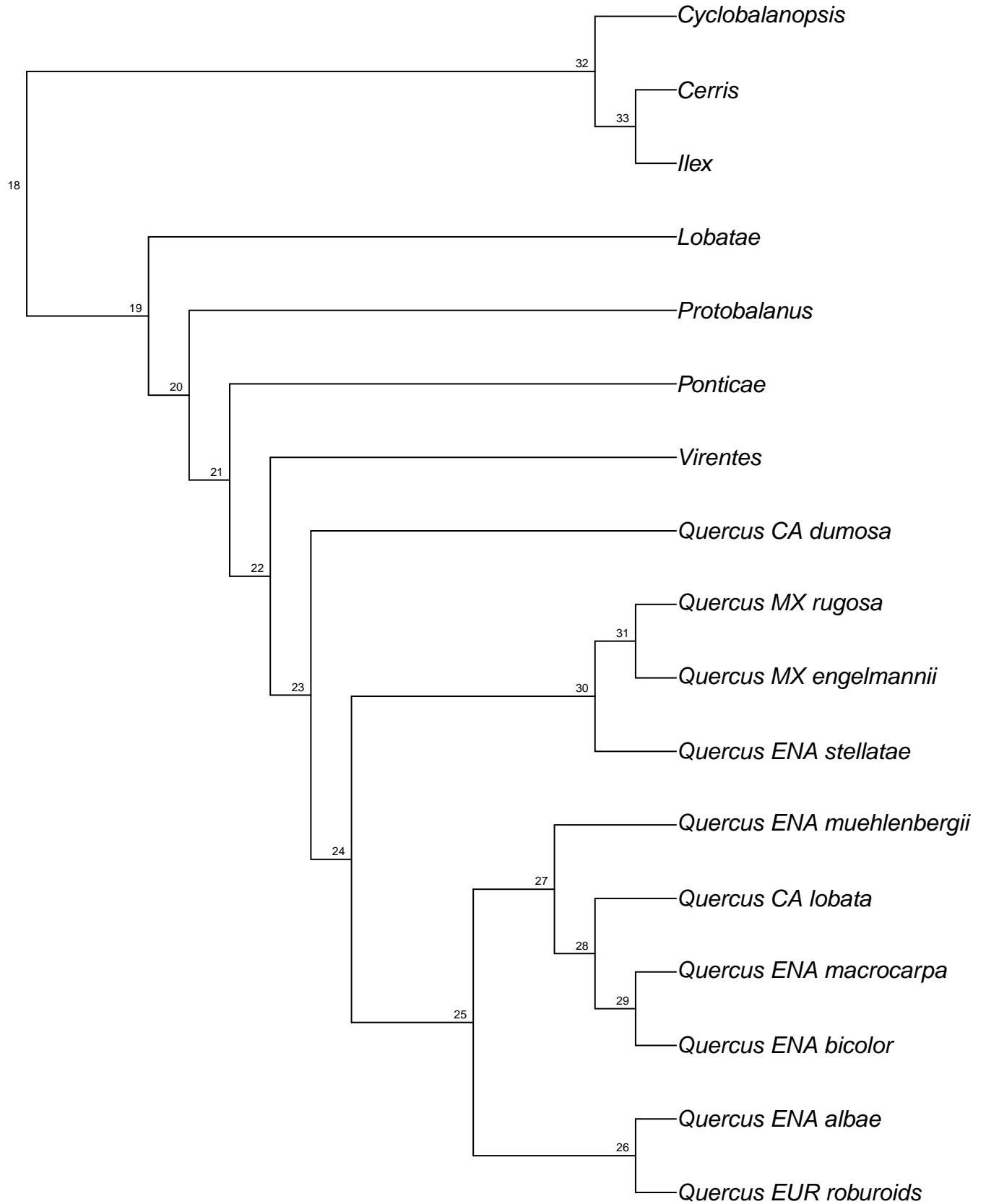
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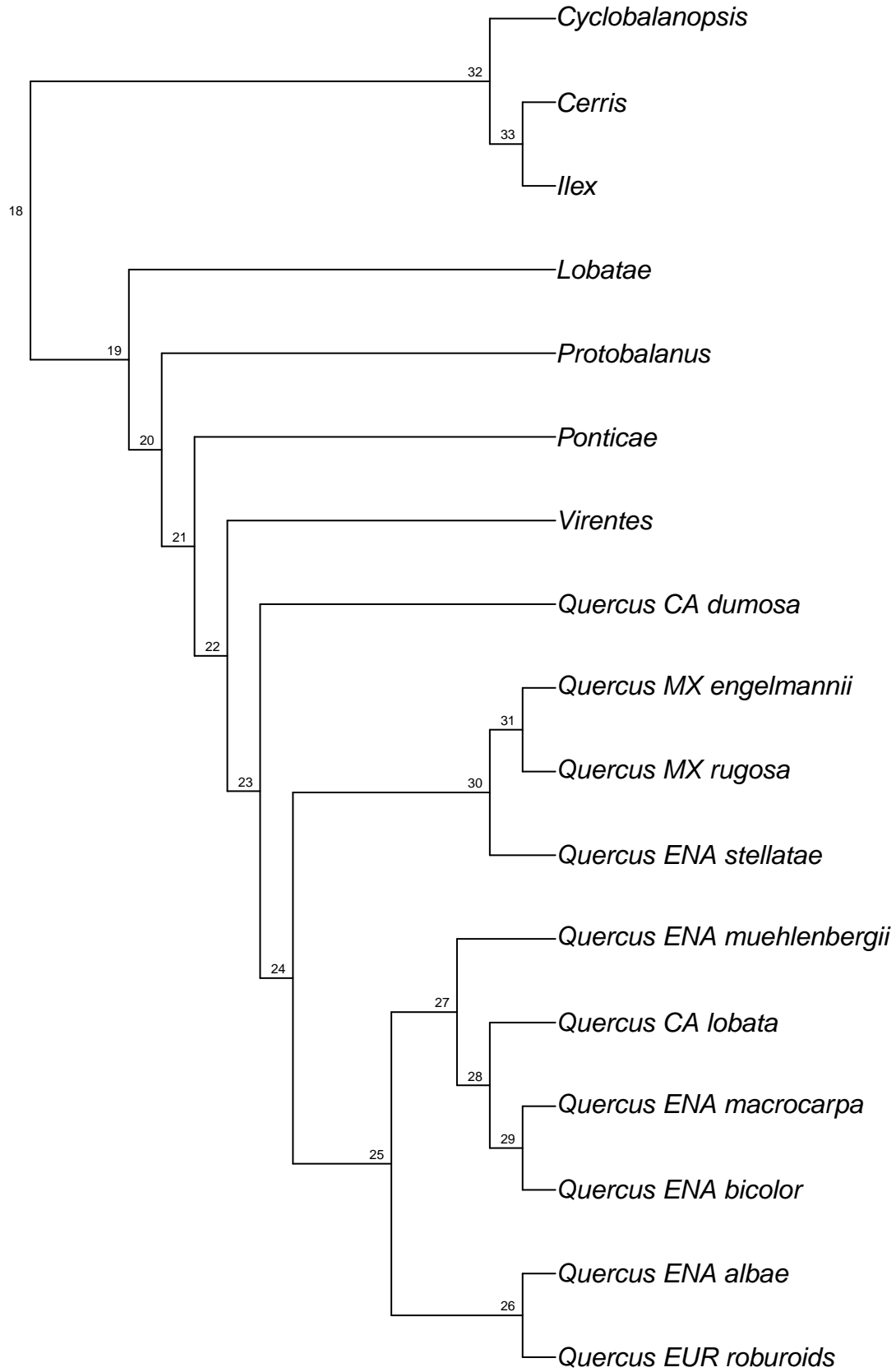
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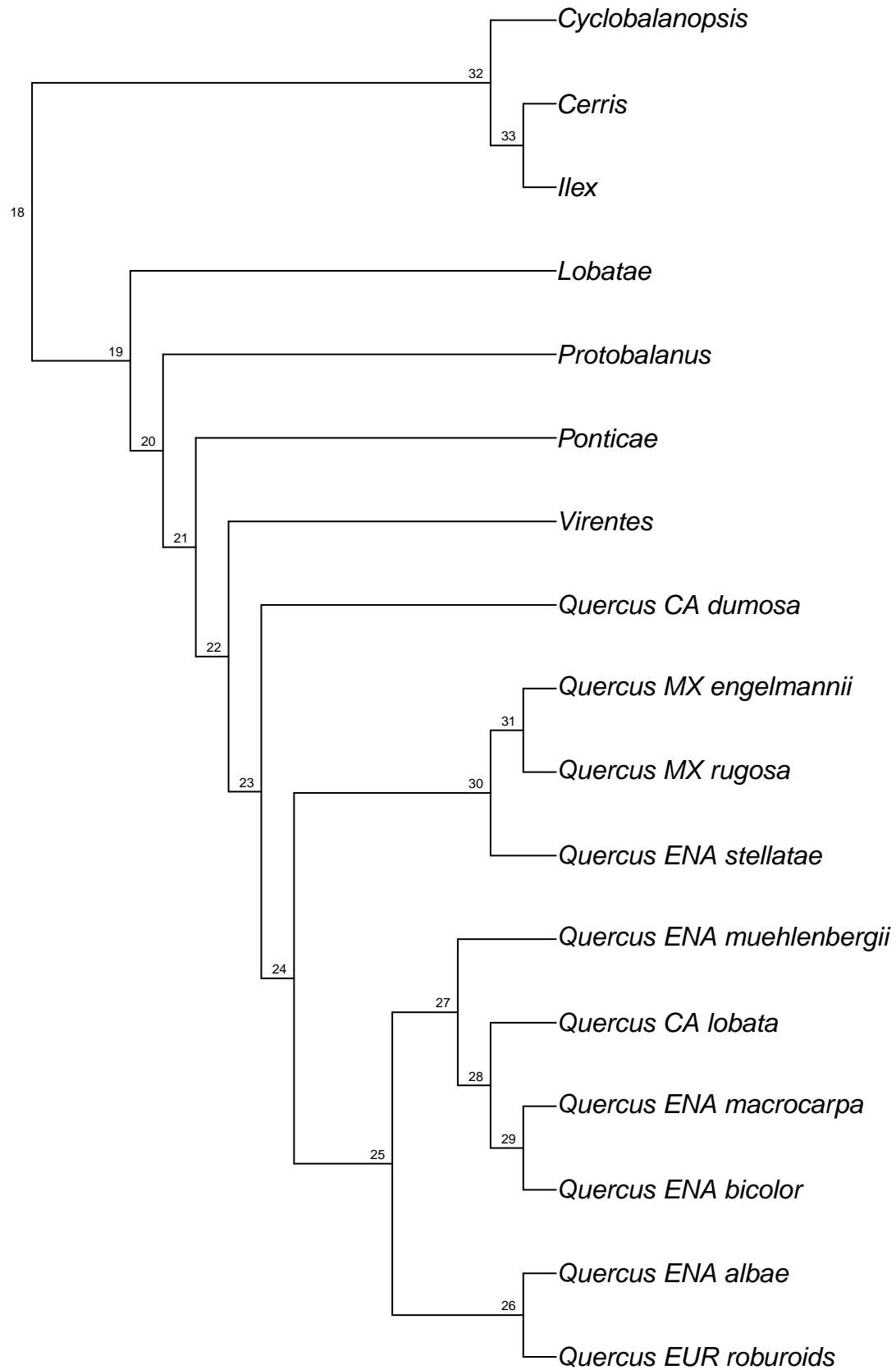
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reSeq.reseq_Qvar.bt051



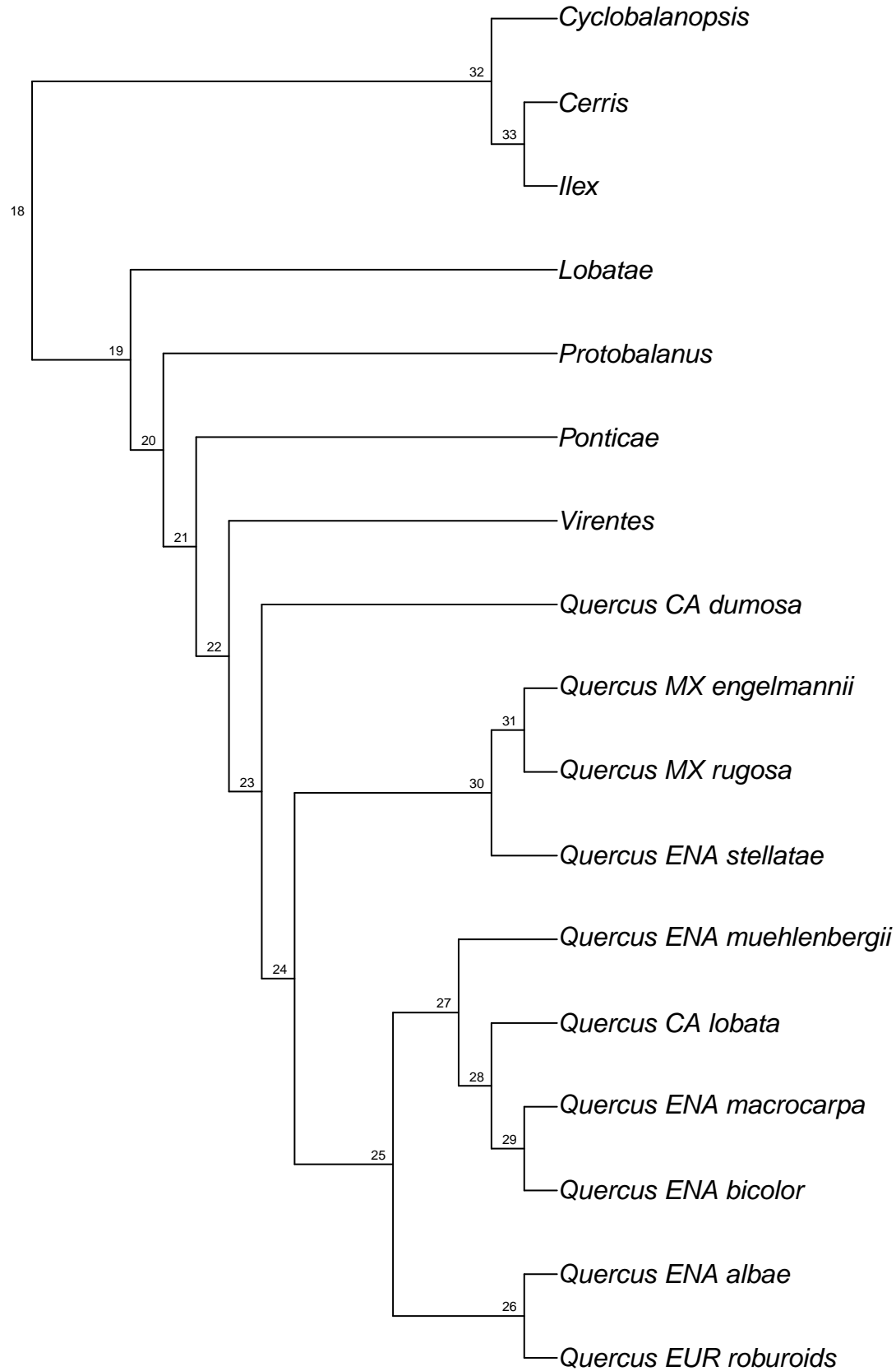
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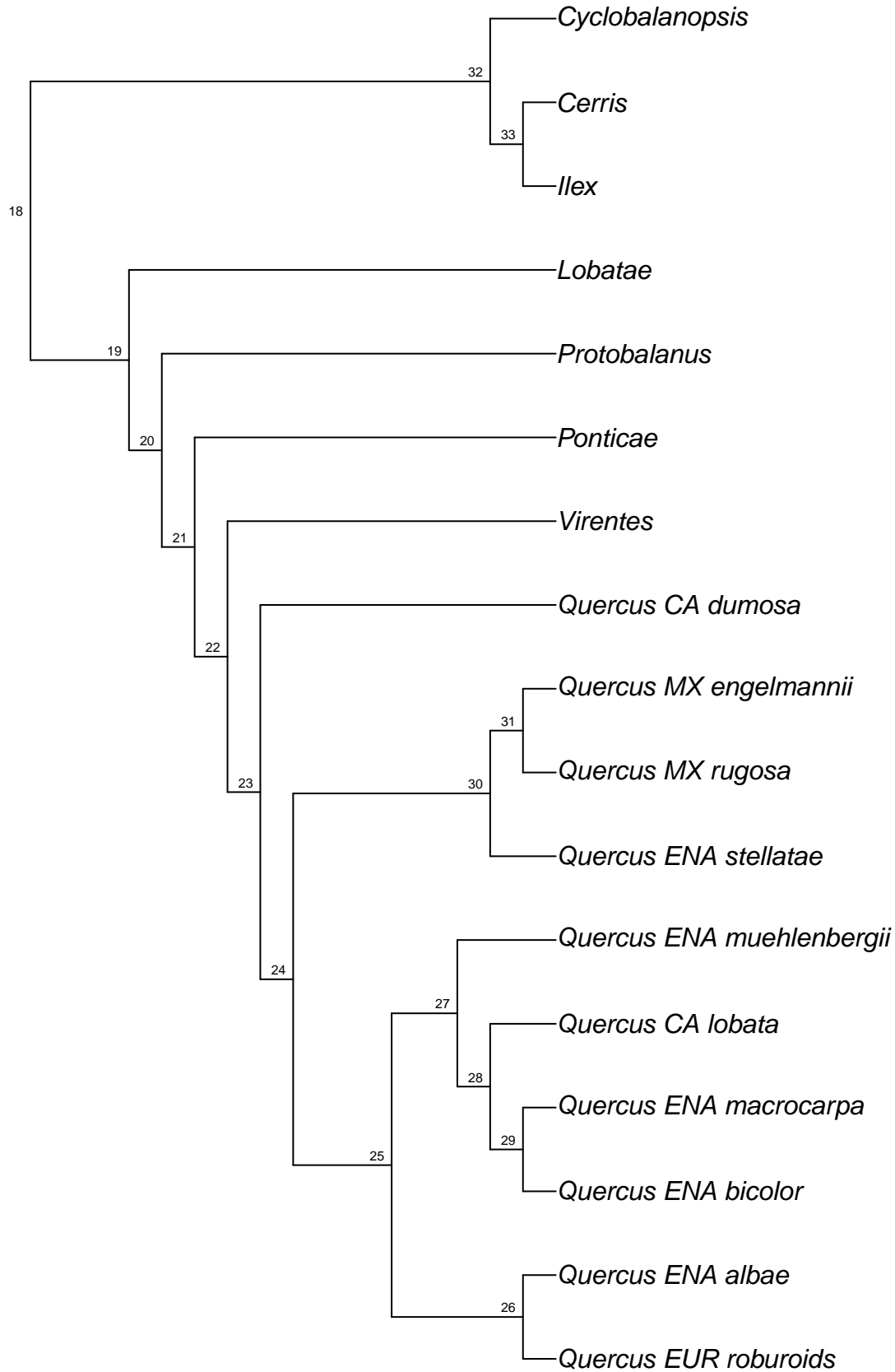
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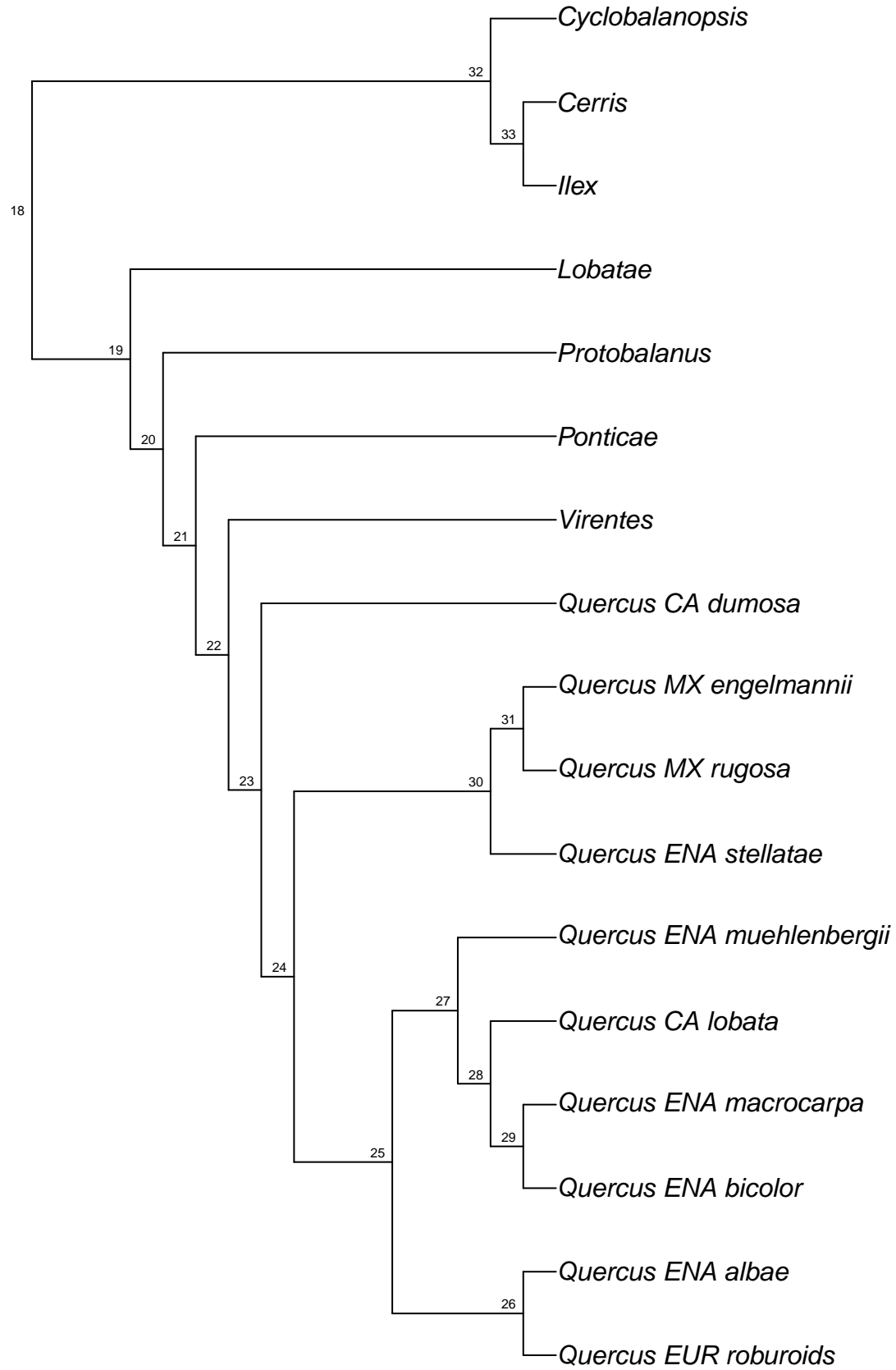
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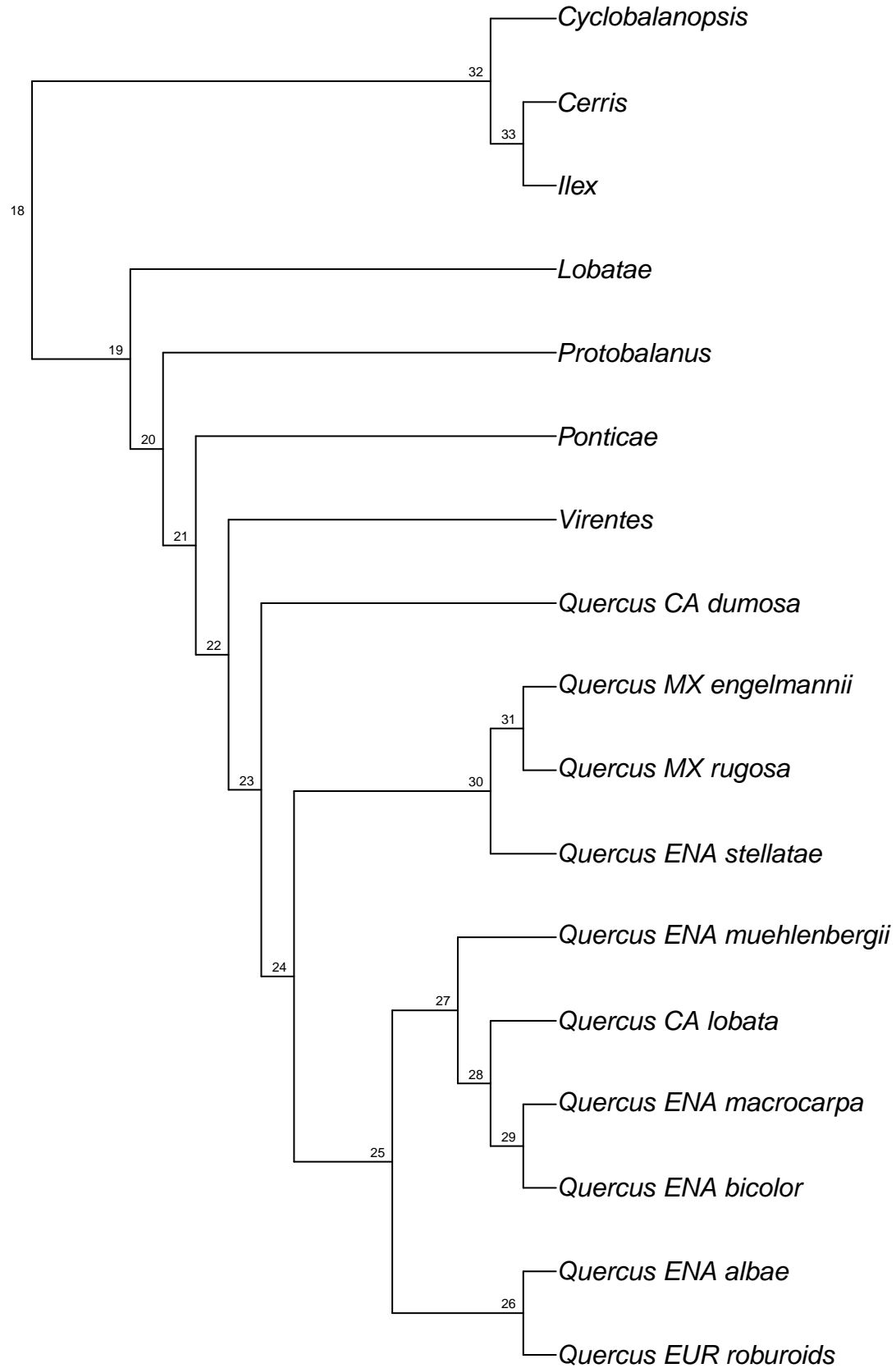
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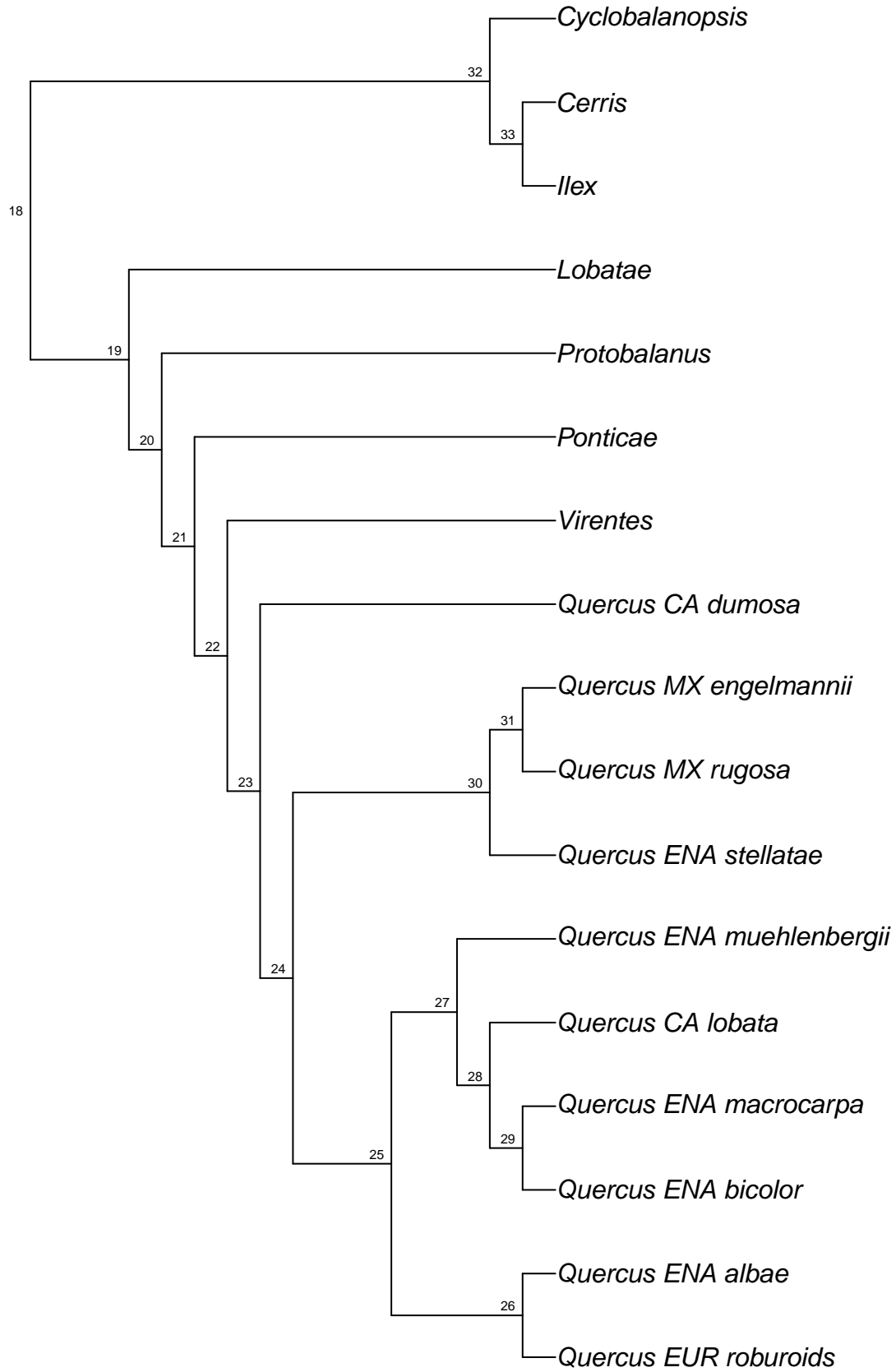
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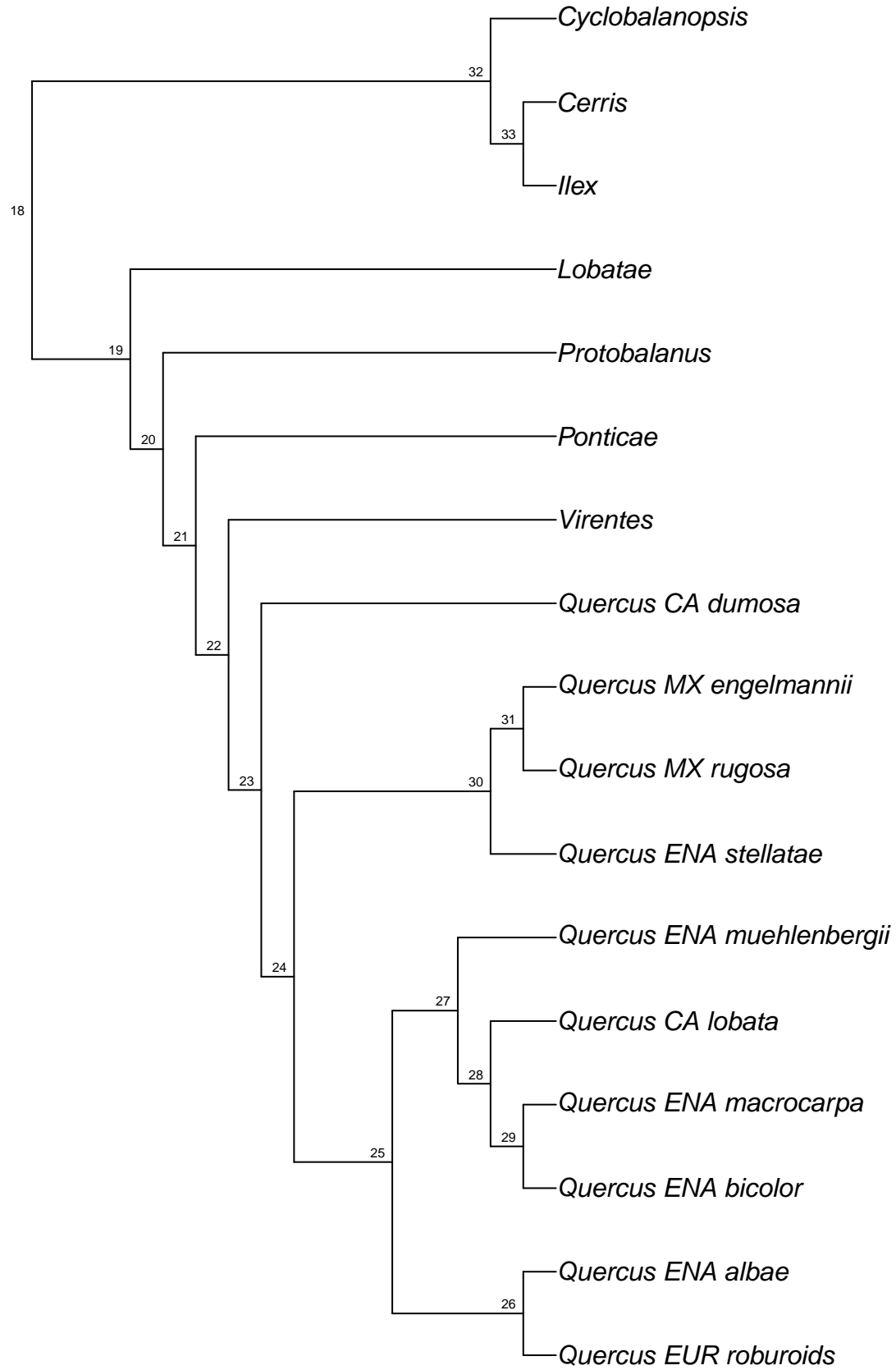
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reSeq.reseq_Qvar.bt058



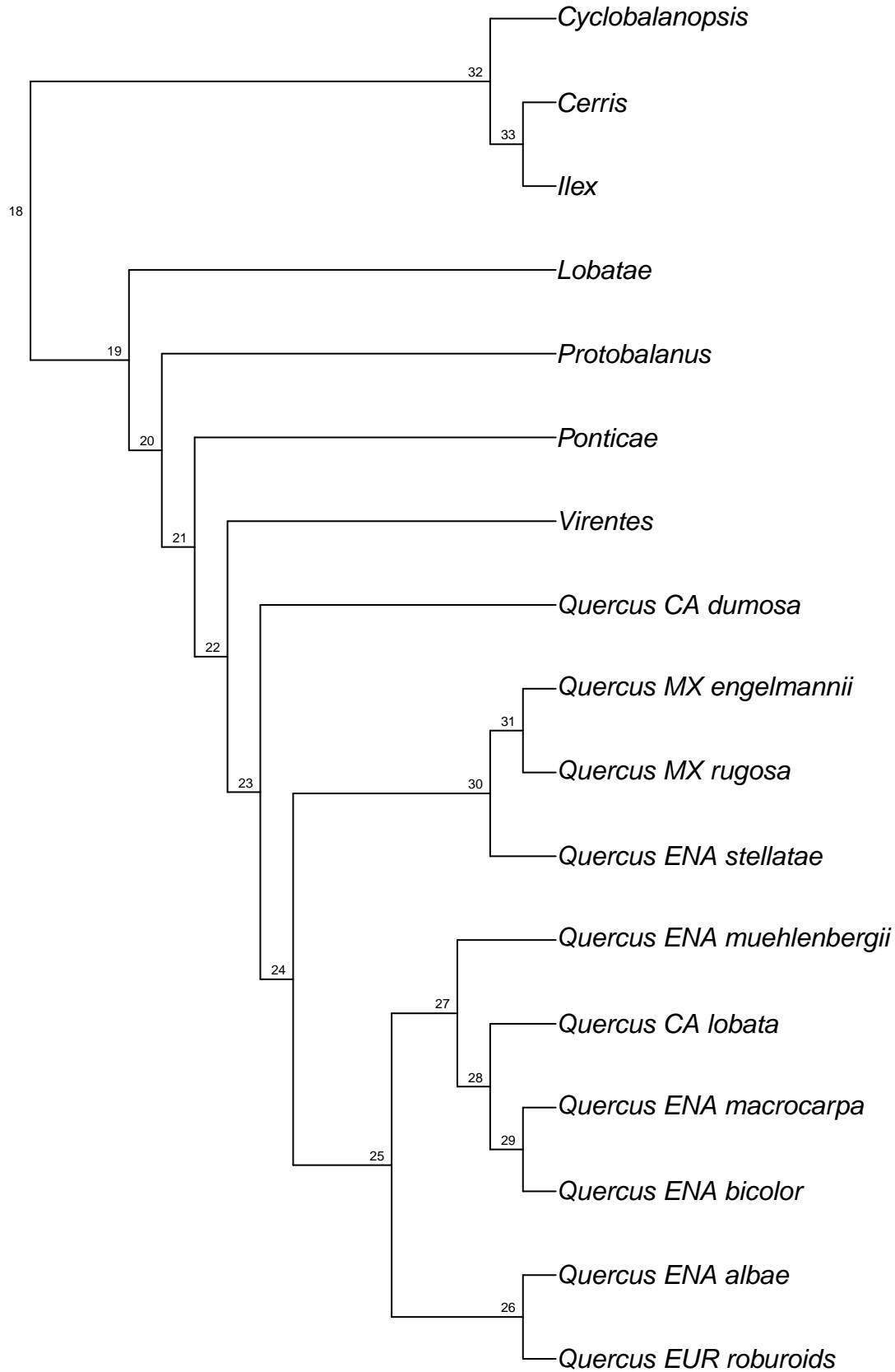
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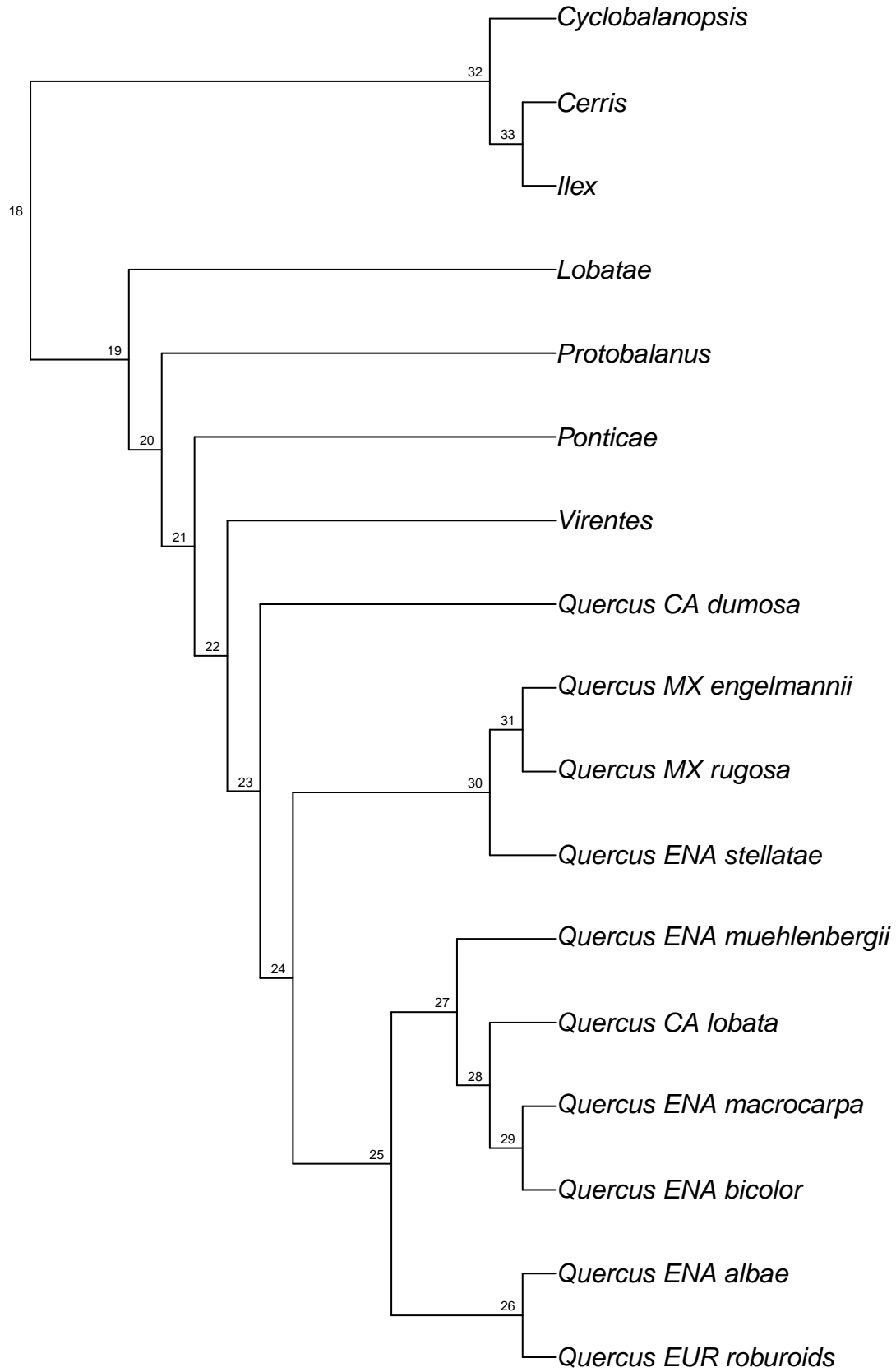
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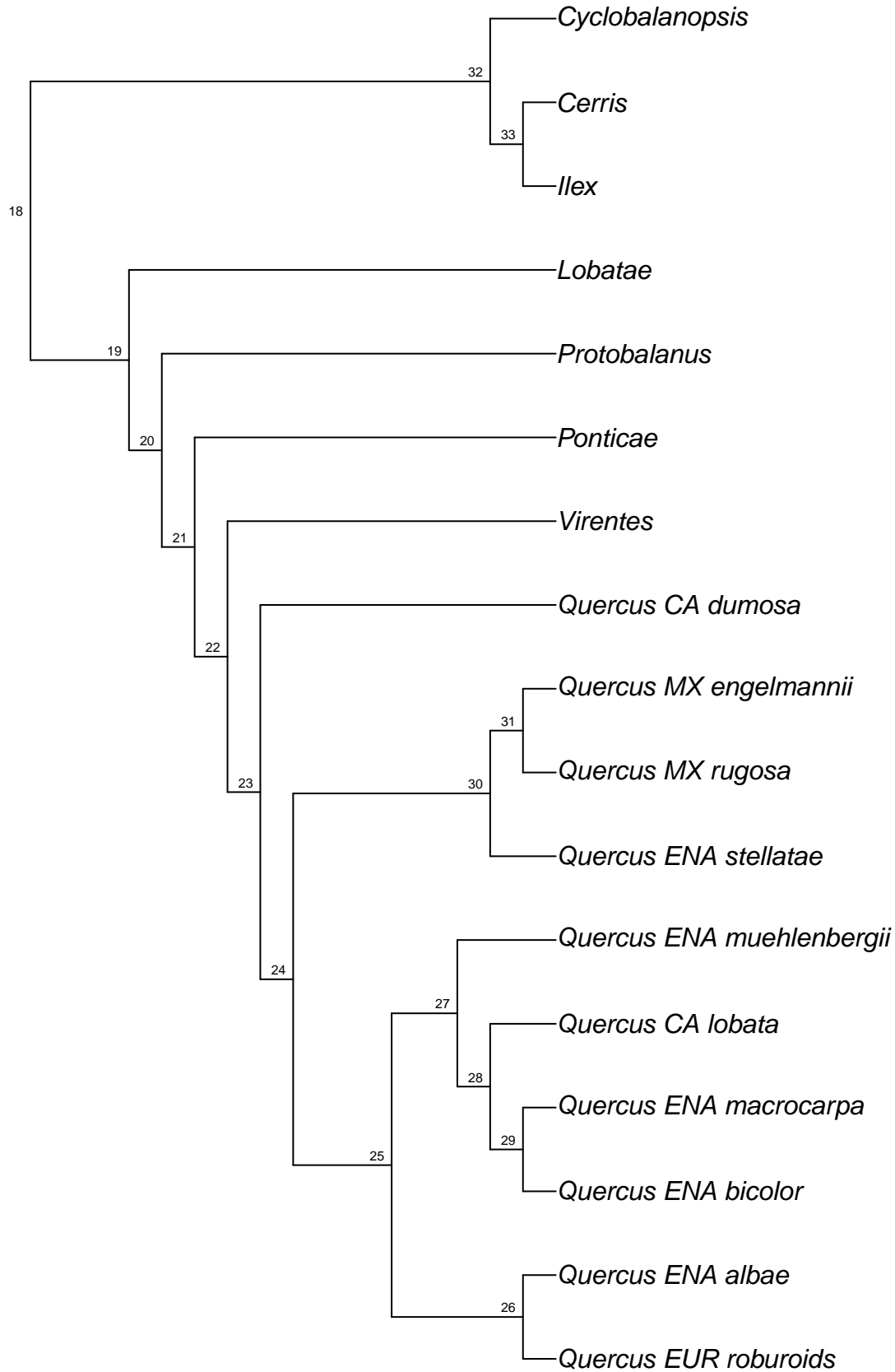
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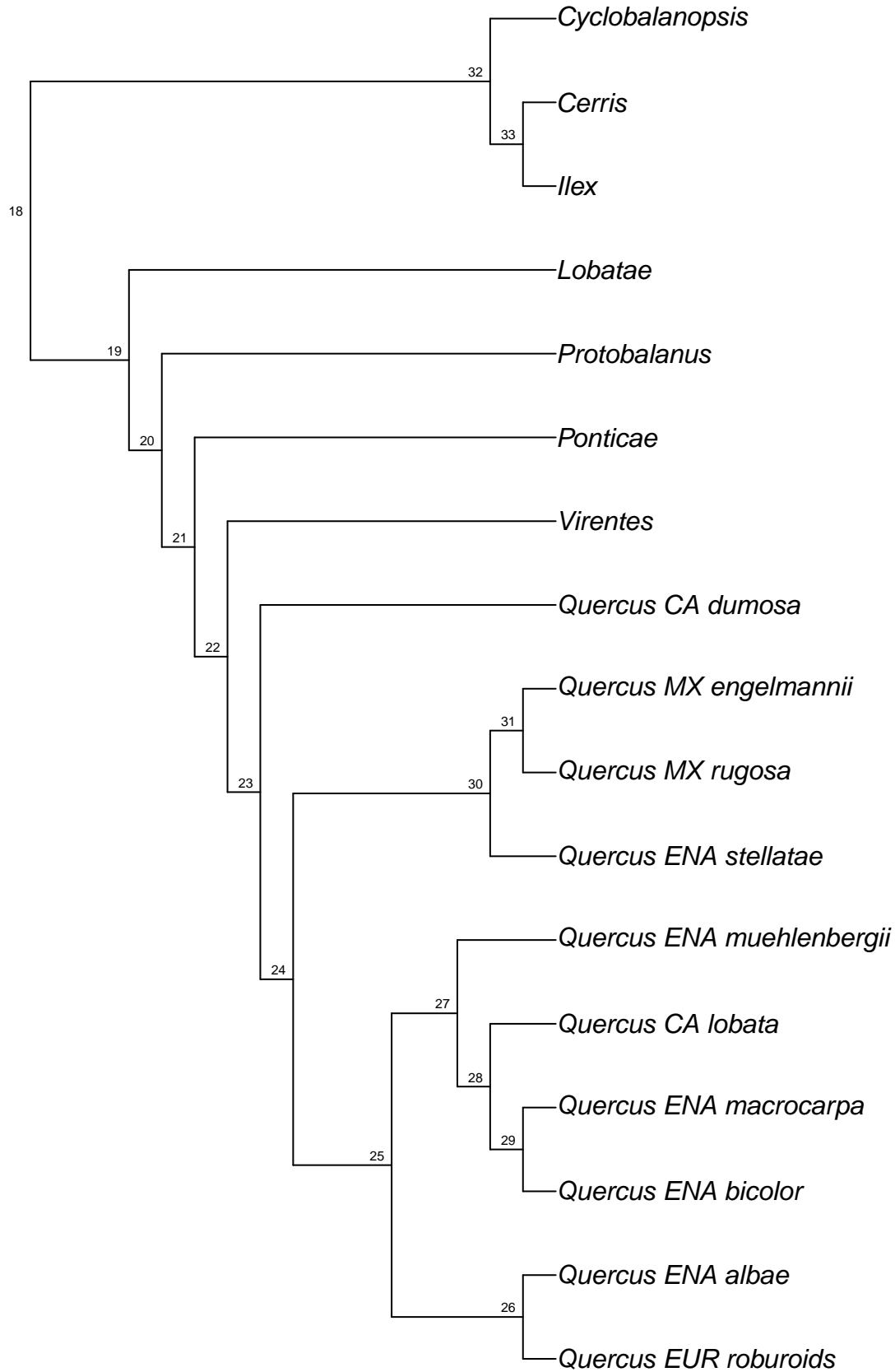
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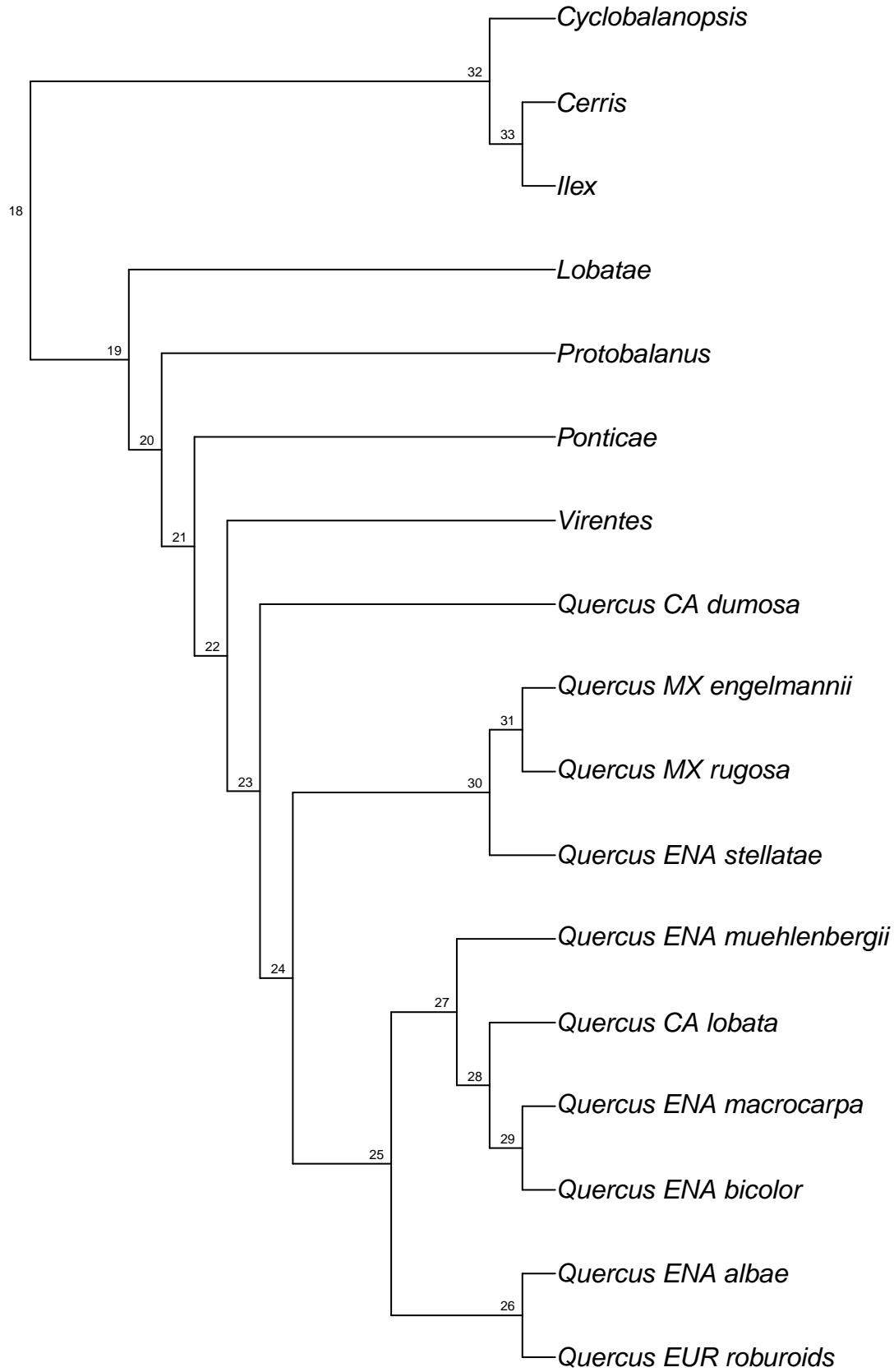
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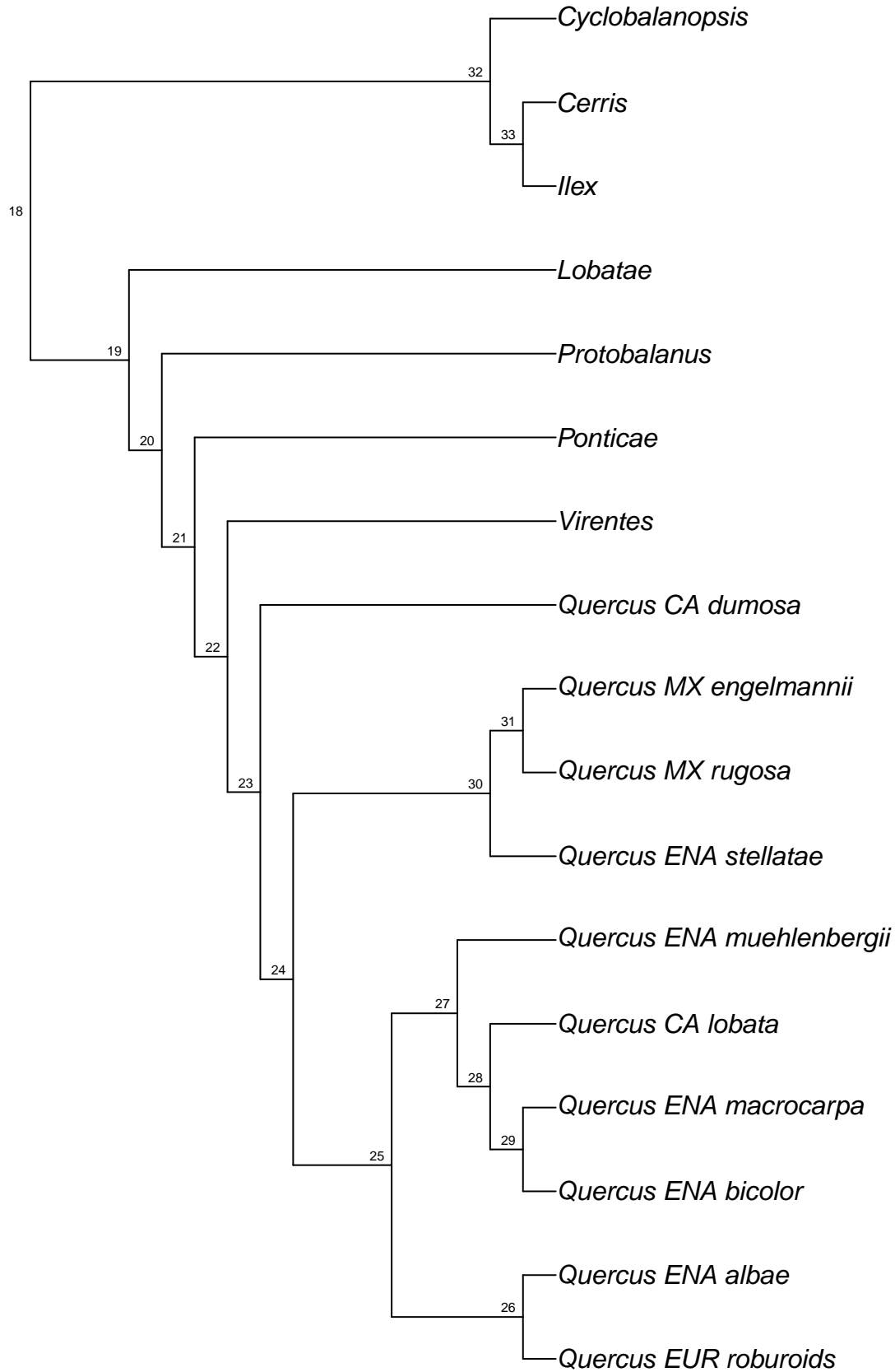
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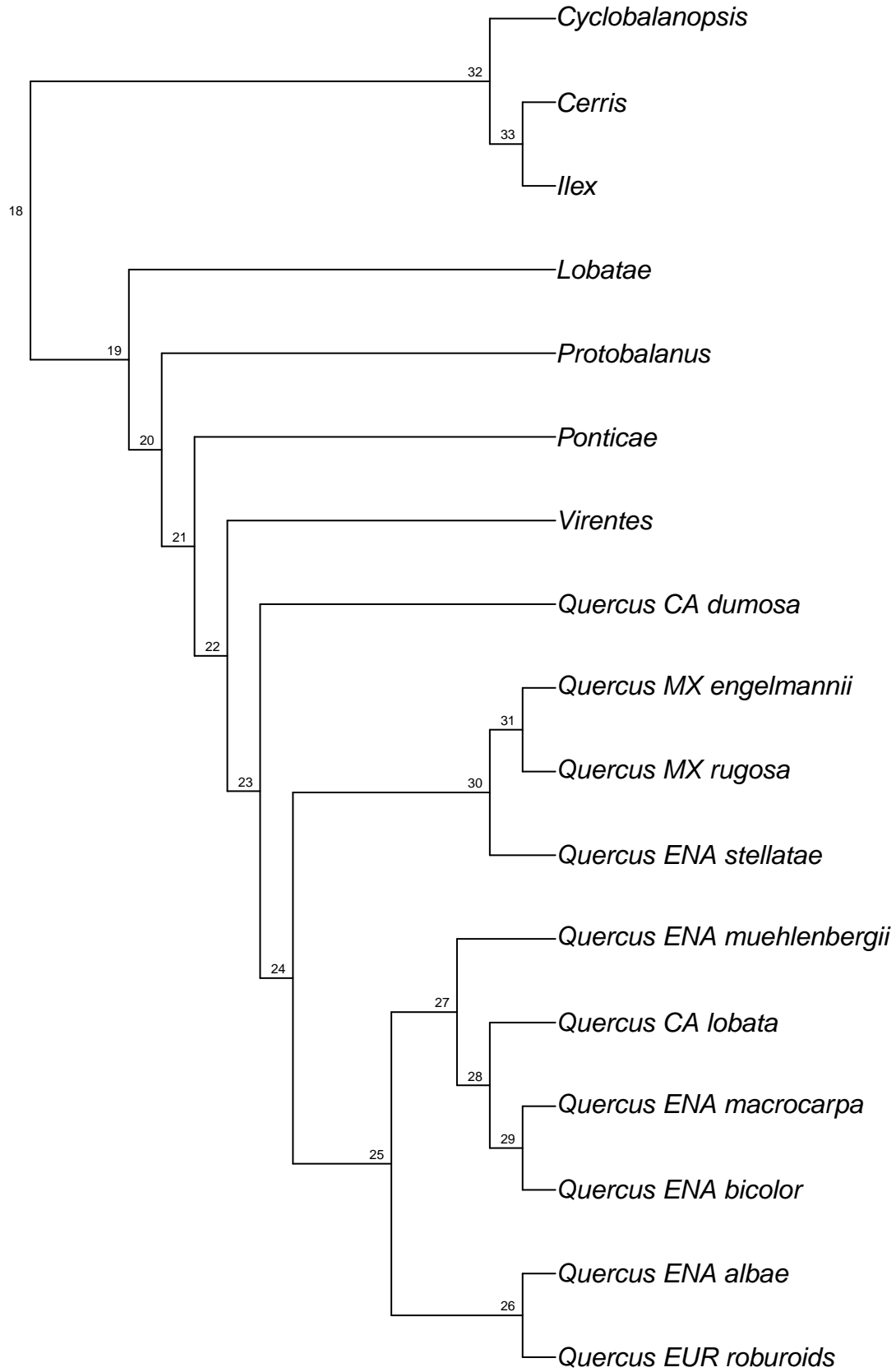
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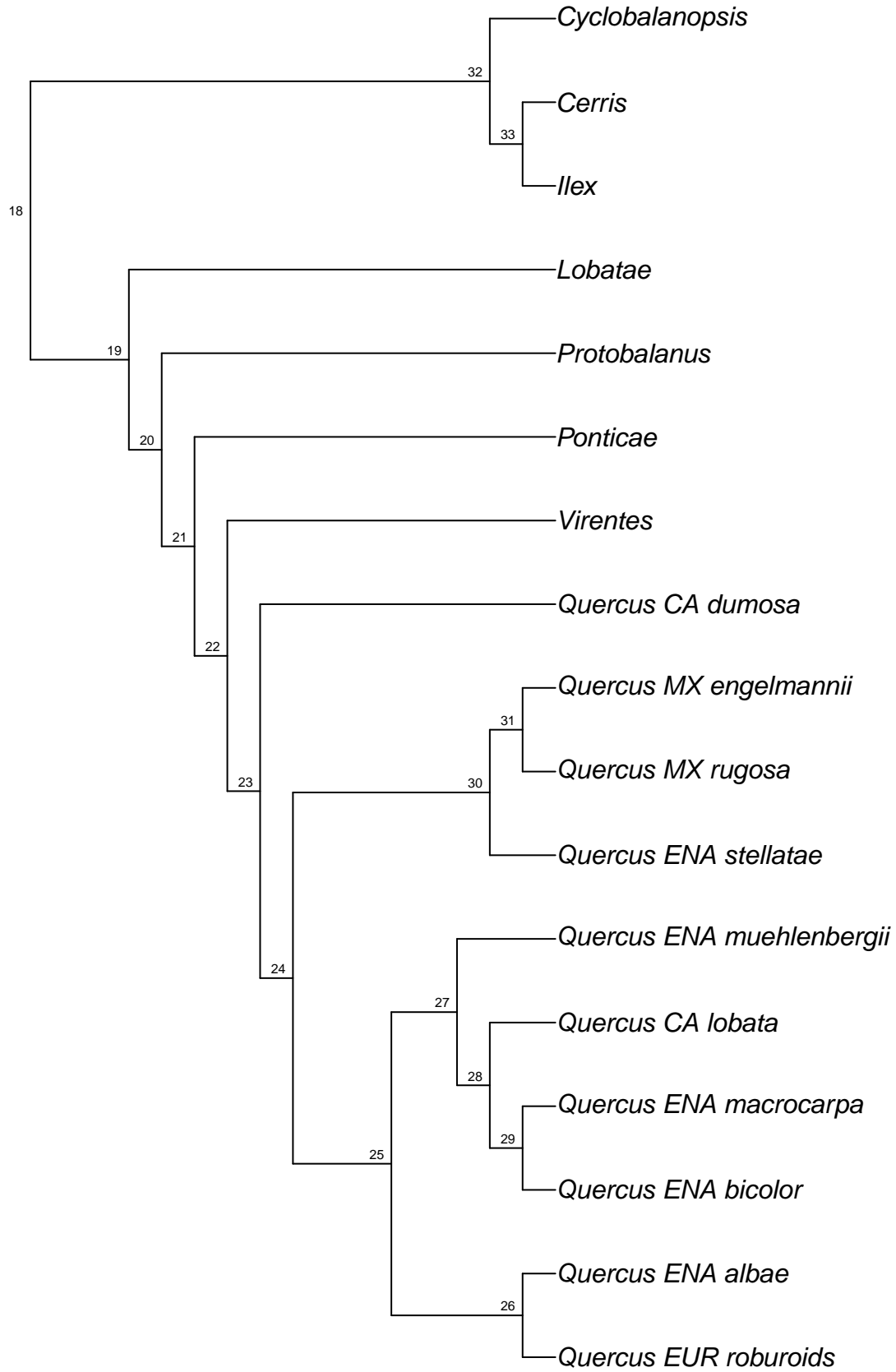
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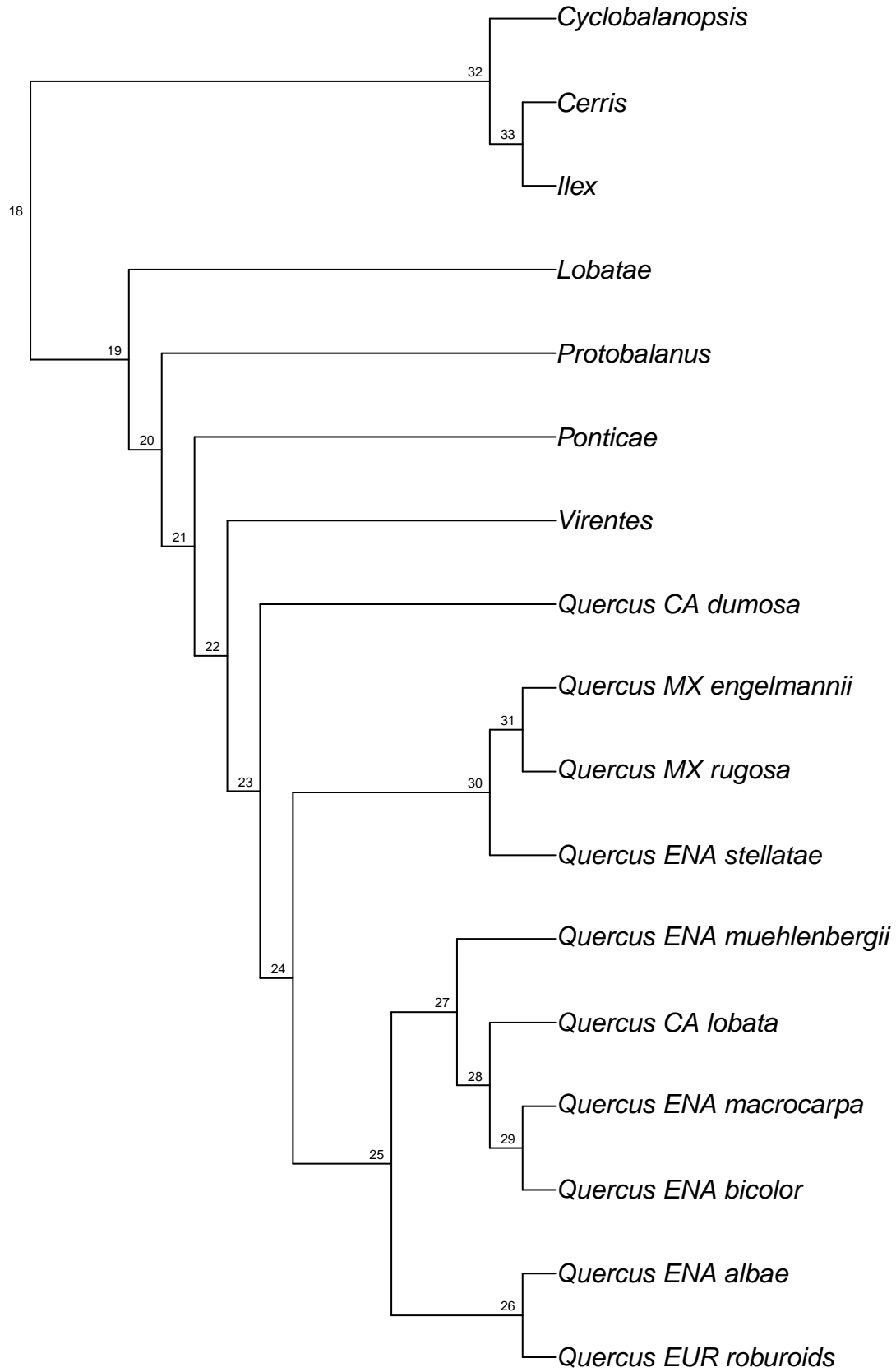
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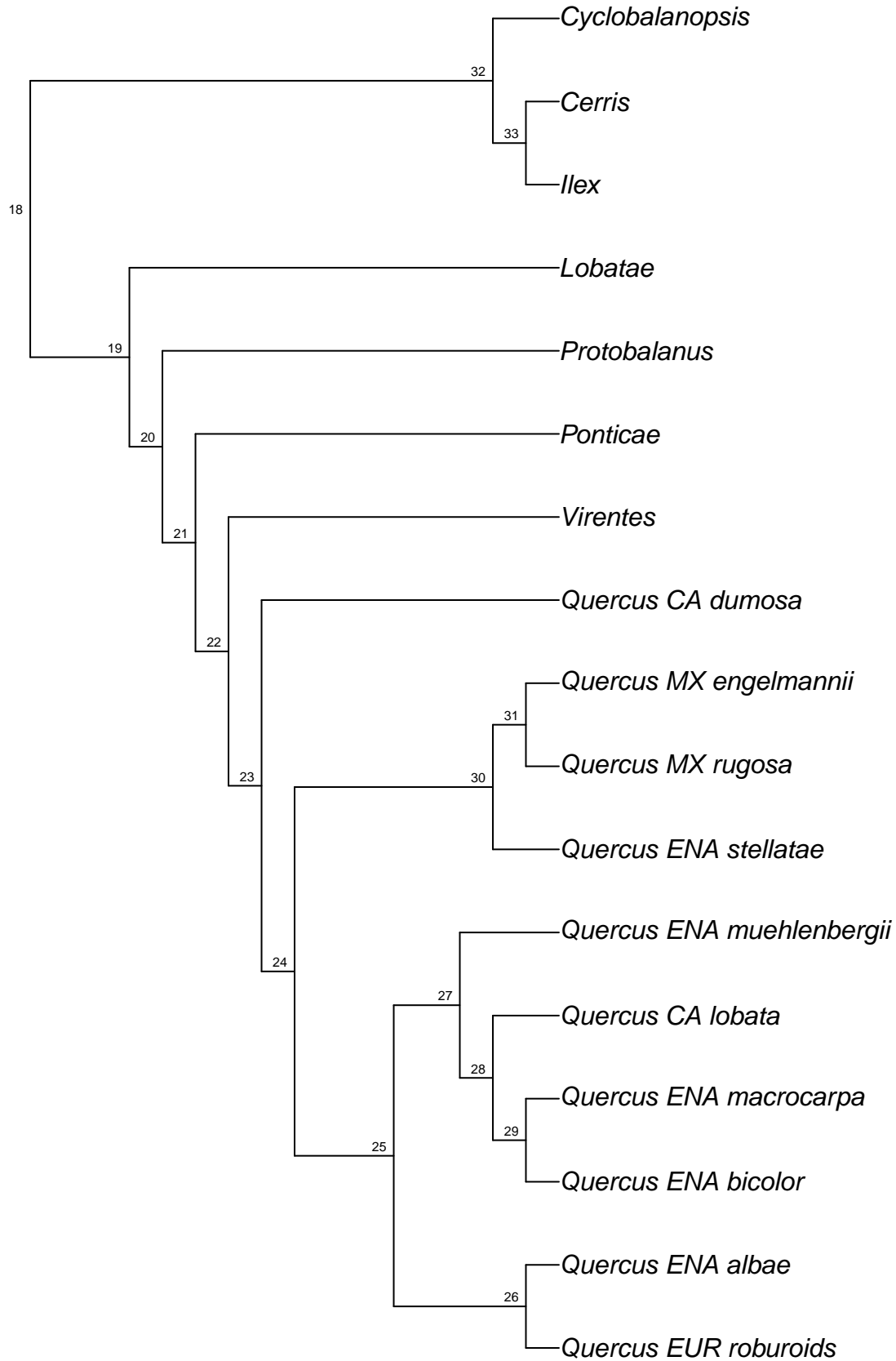
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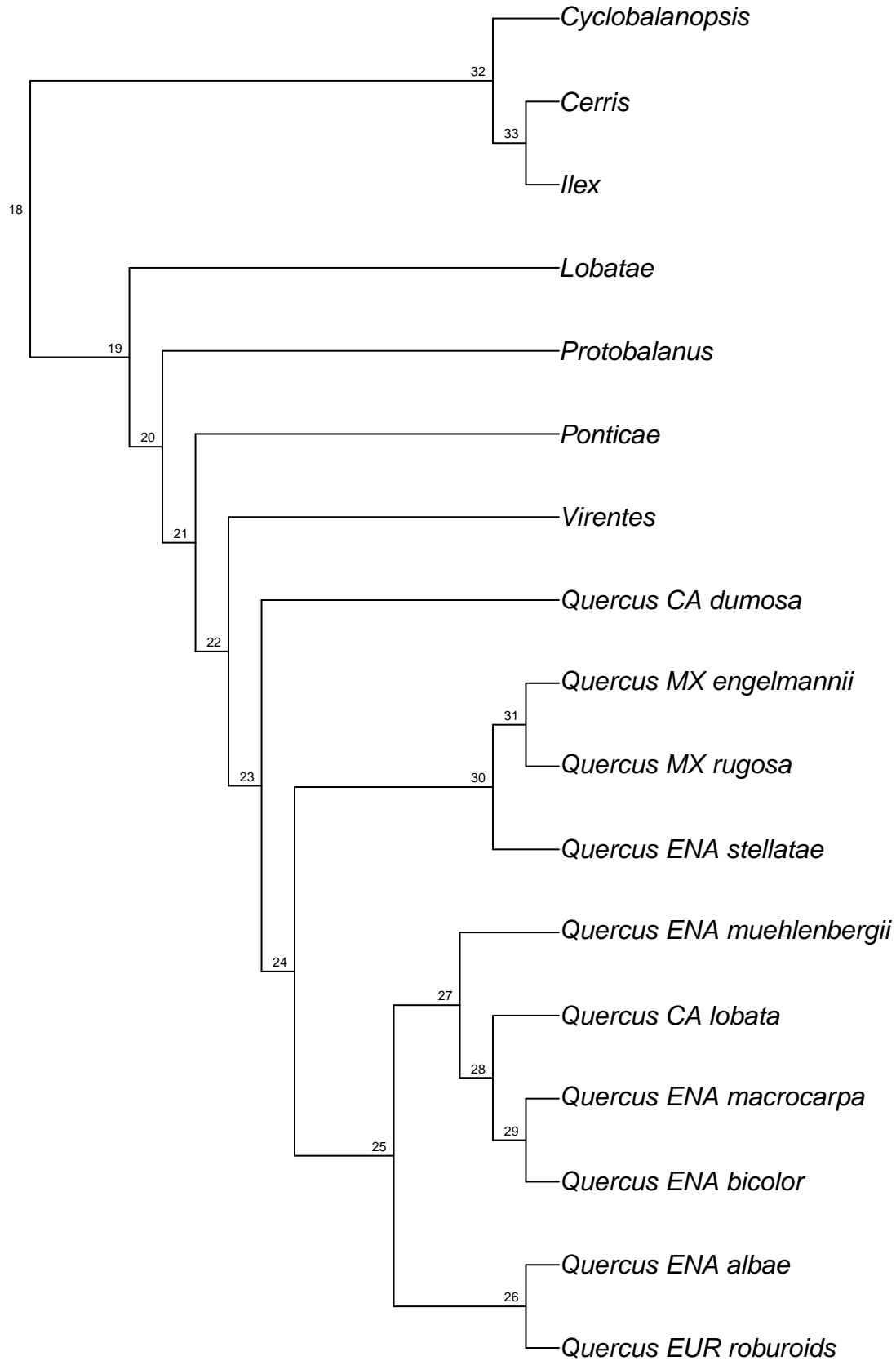
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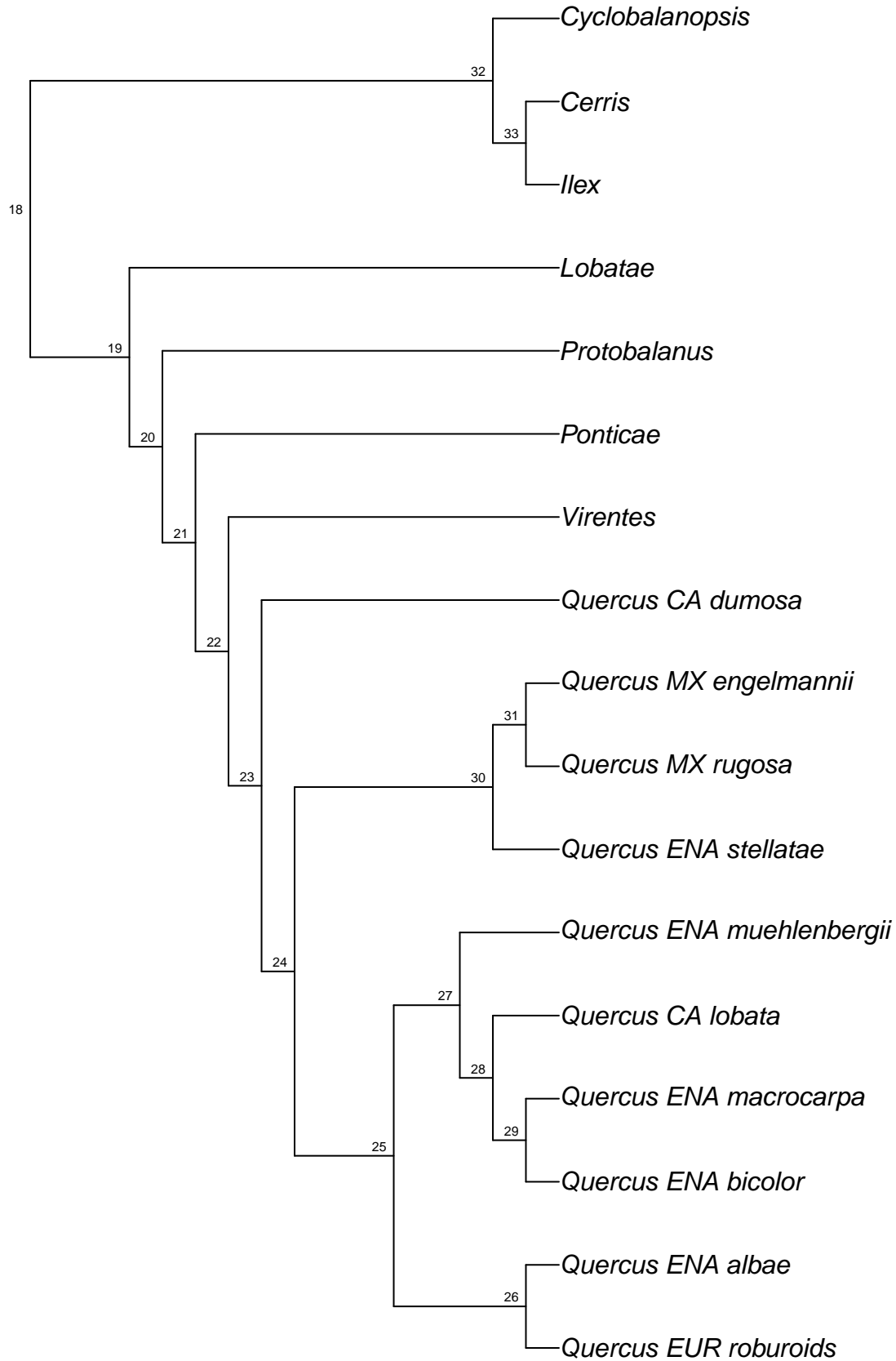
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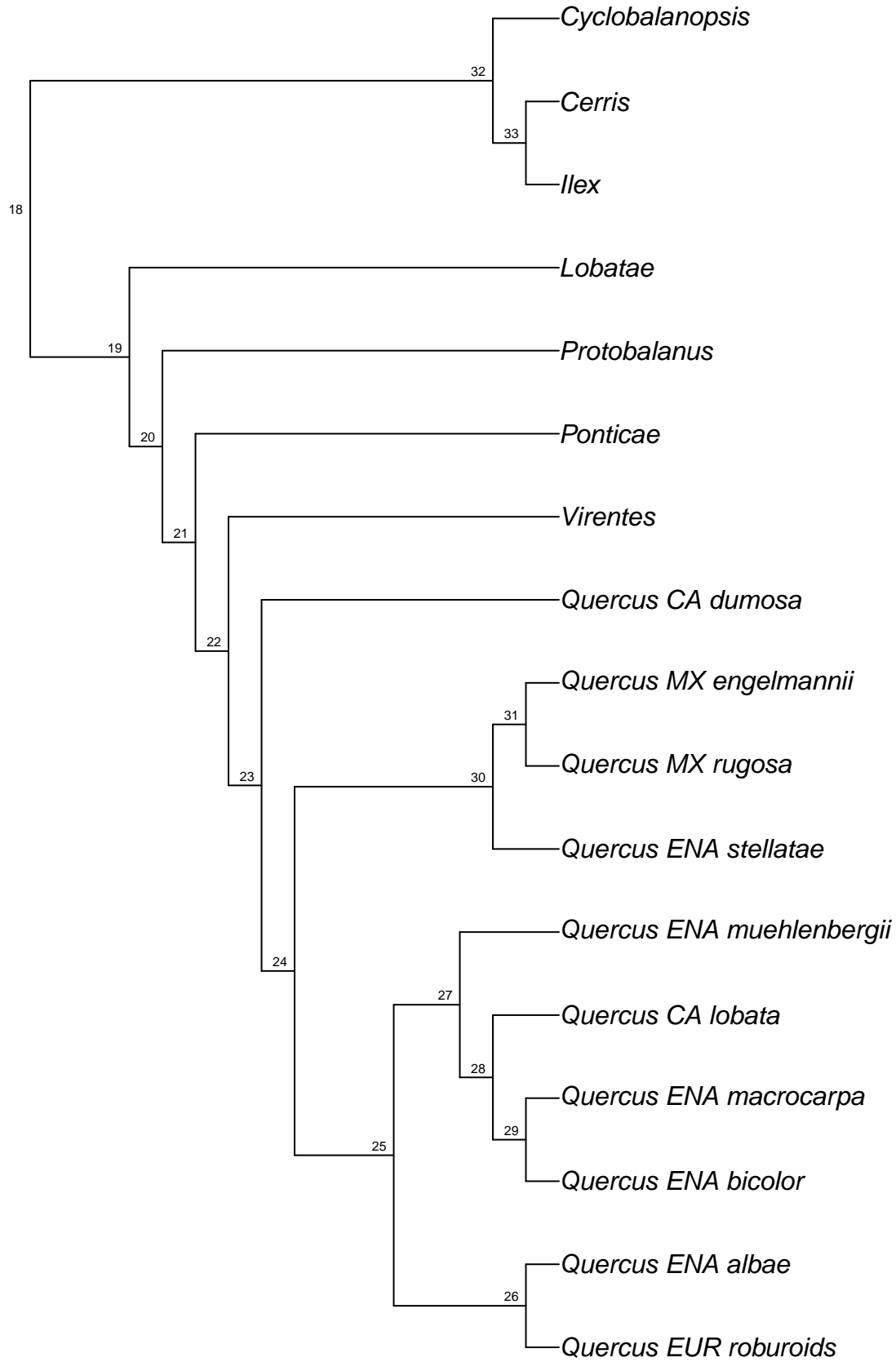
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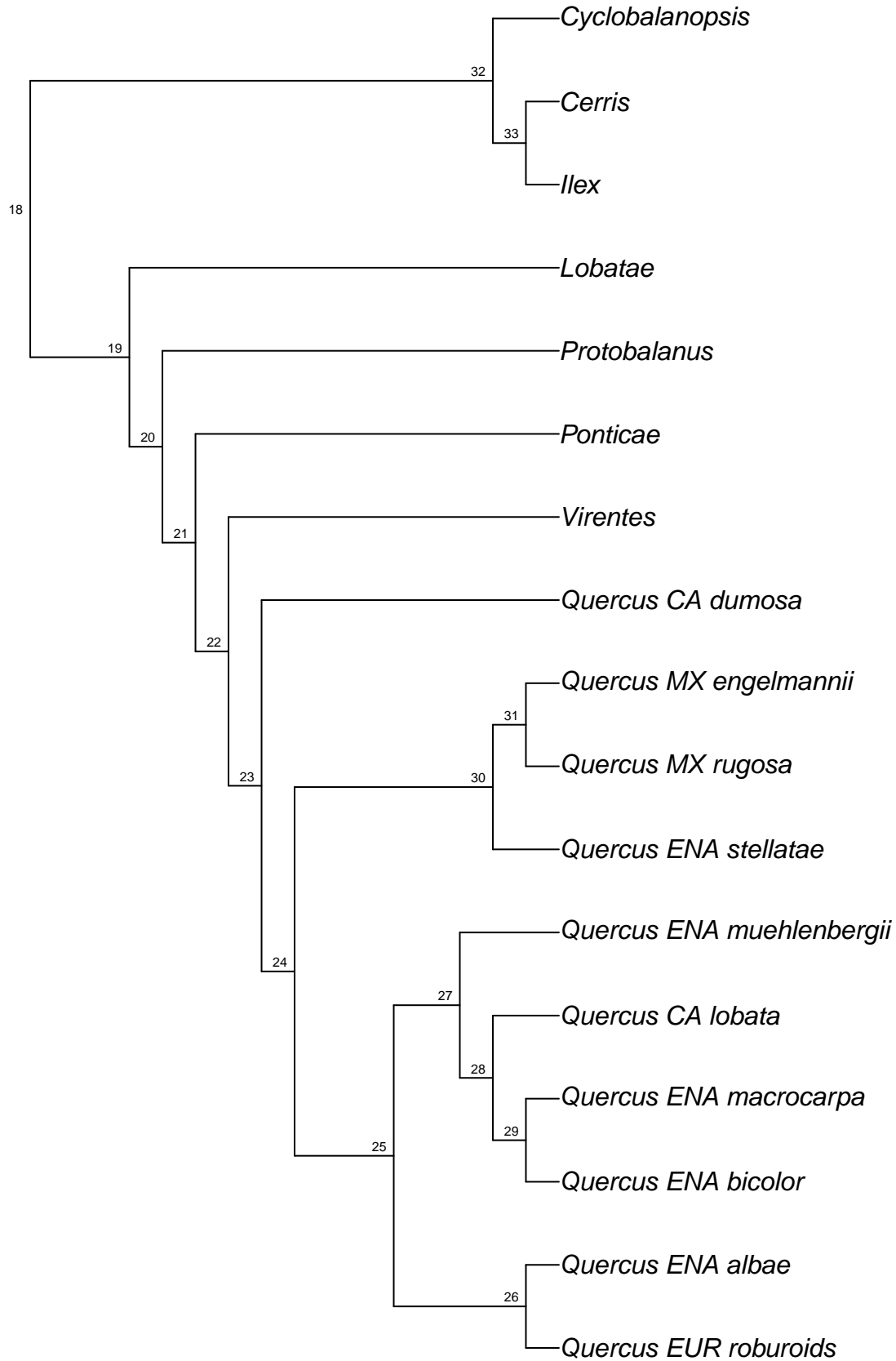
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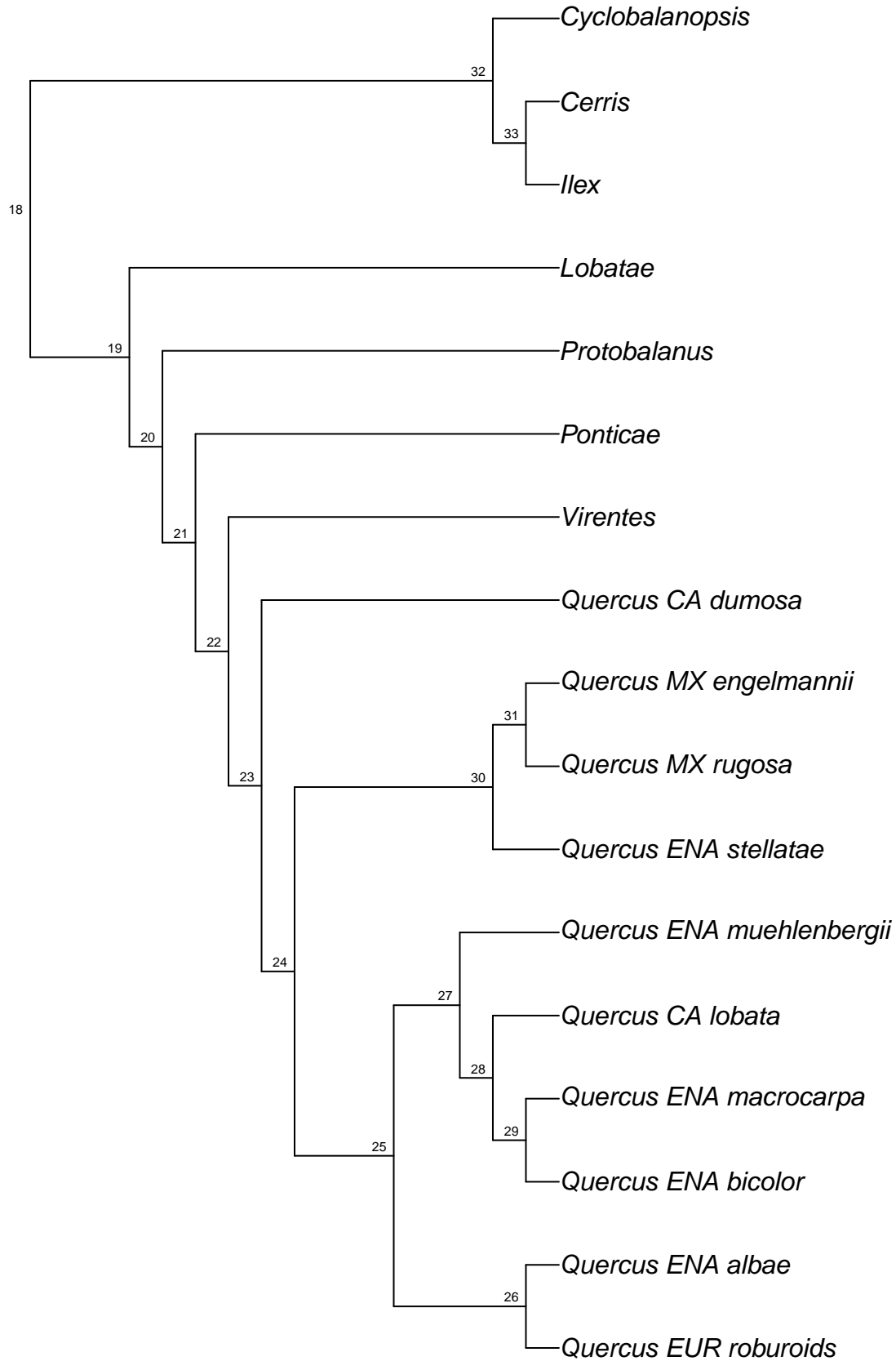
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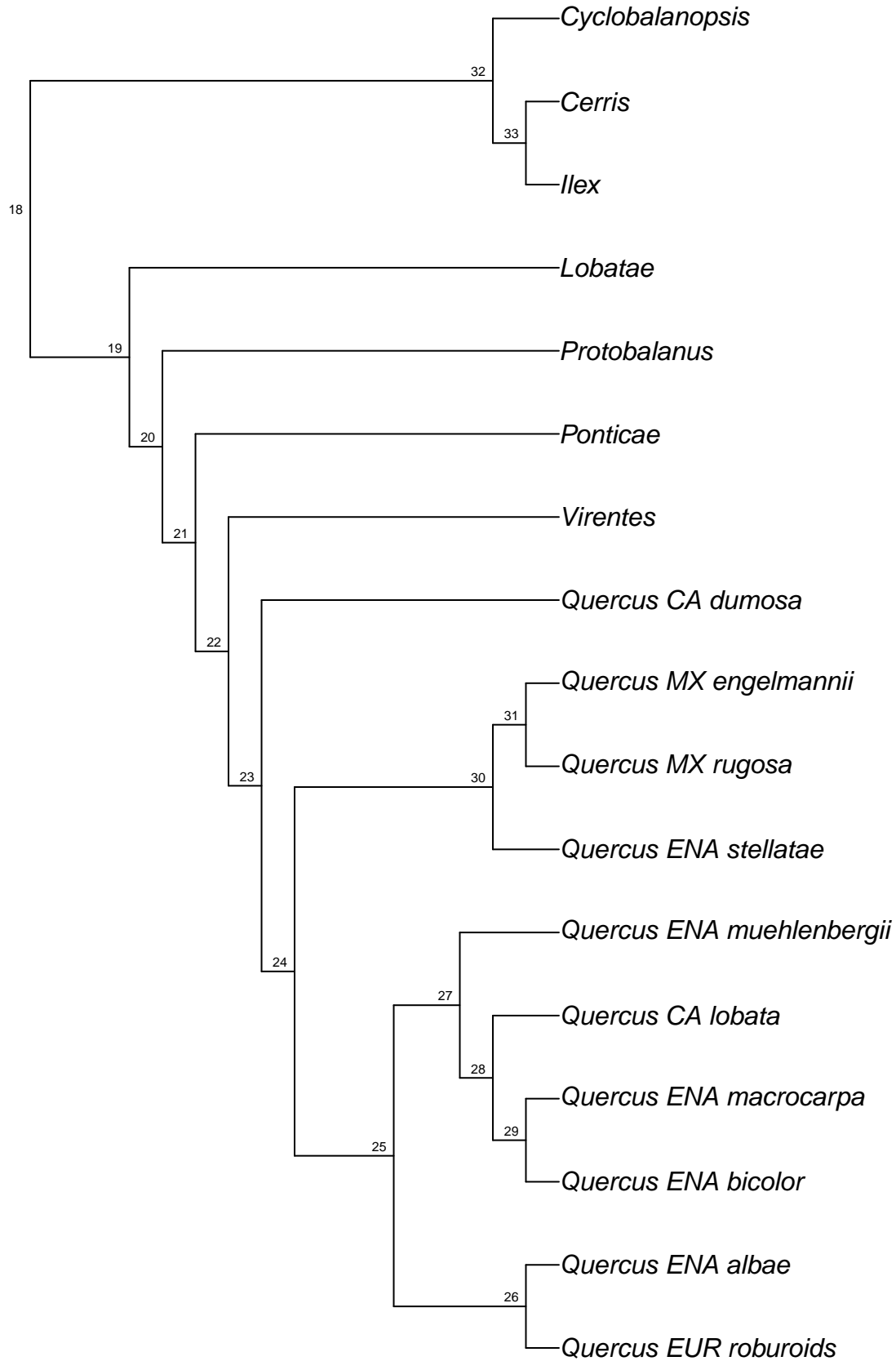
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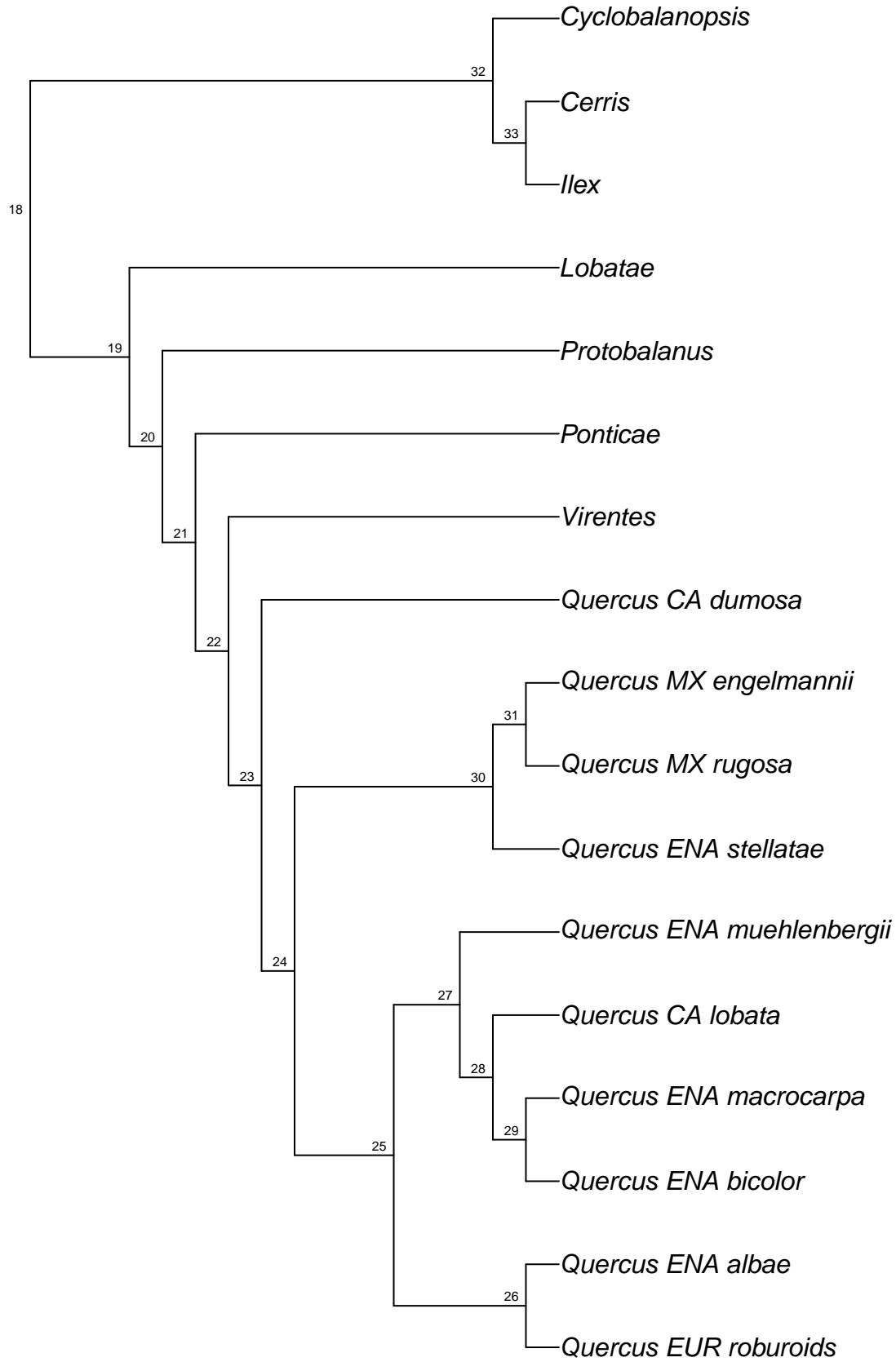
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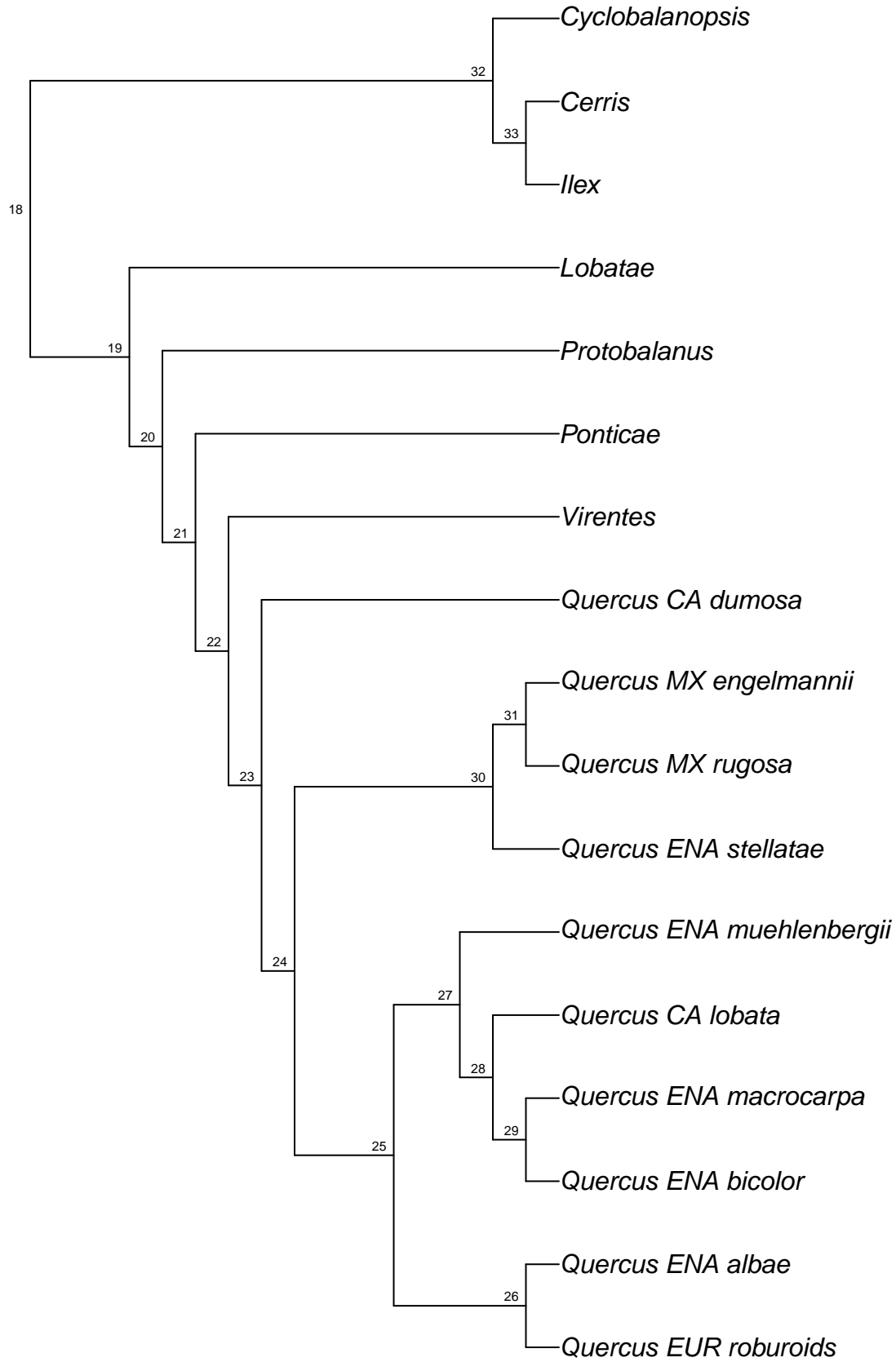
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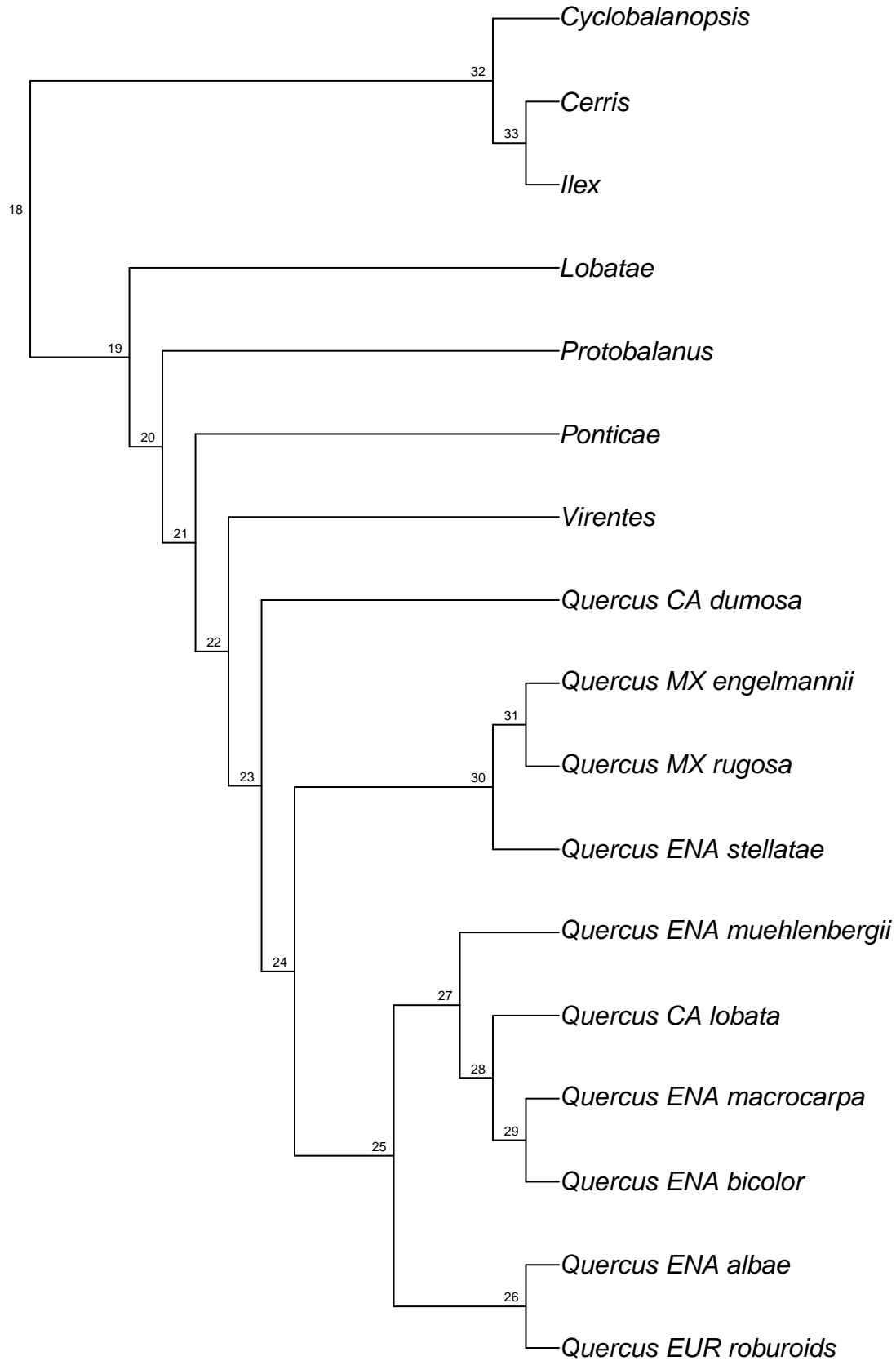
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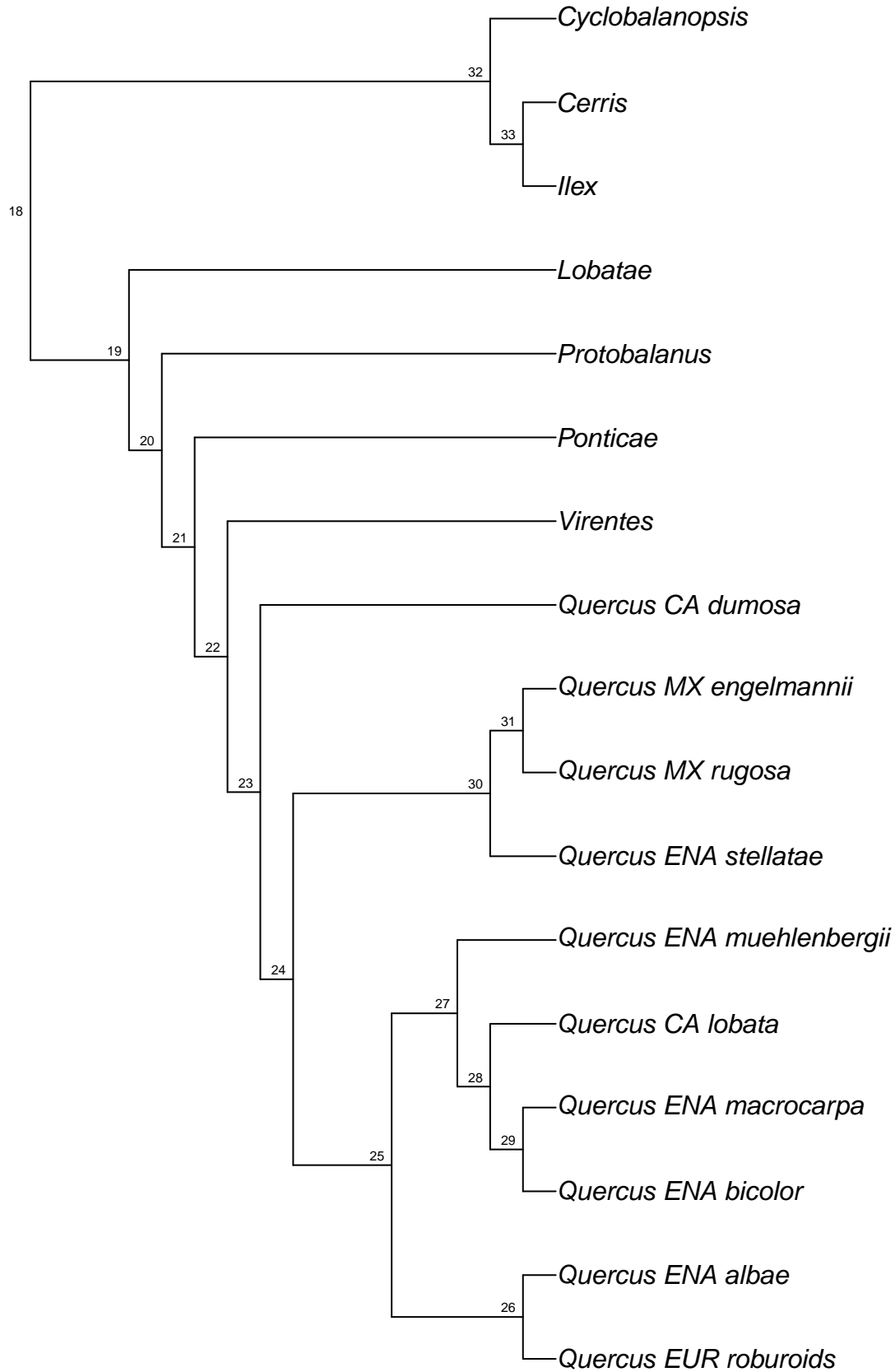
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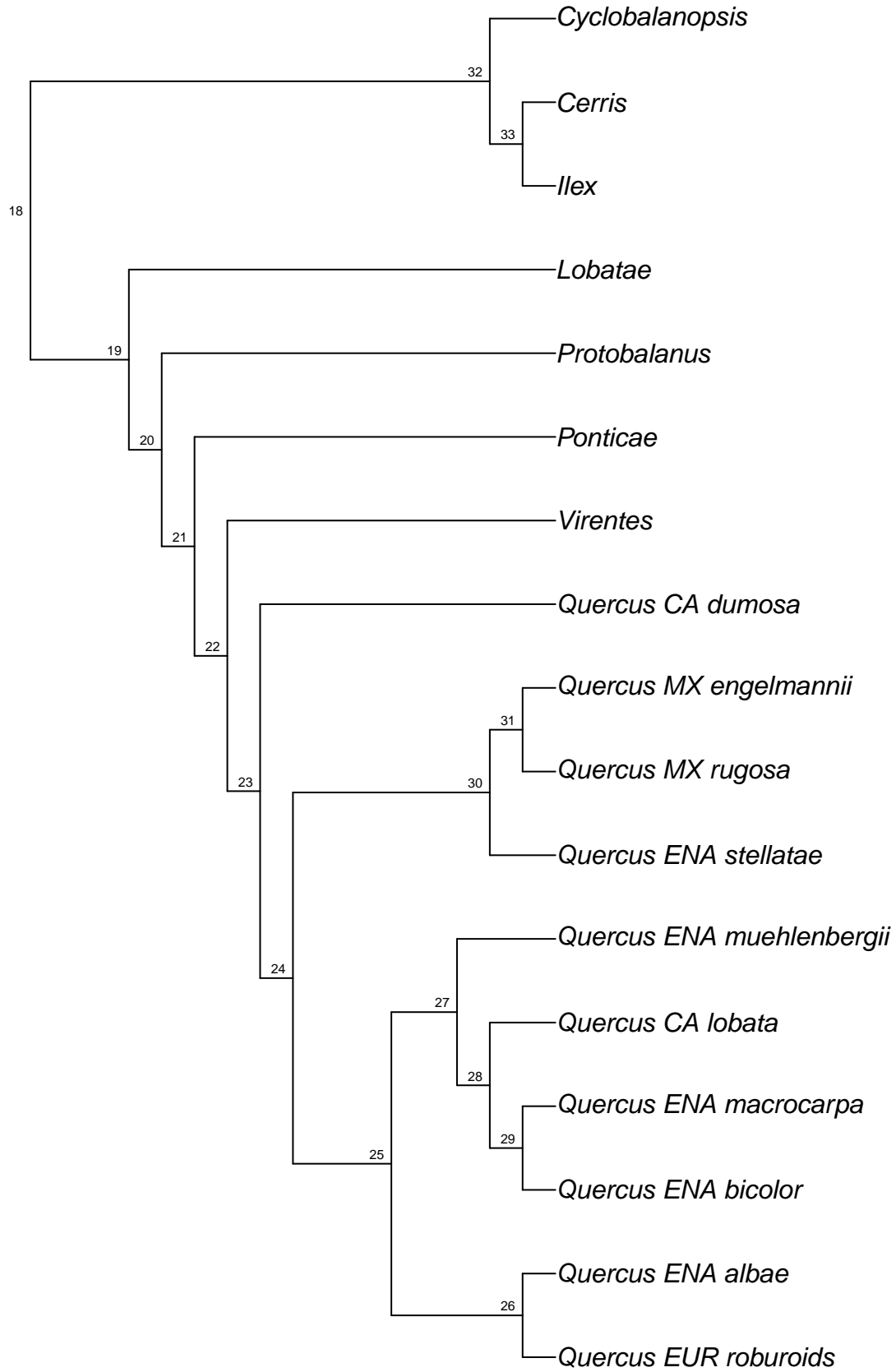
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reSeq.reseq_Qvar.bt081



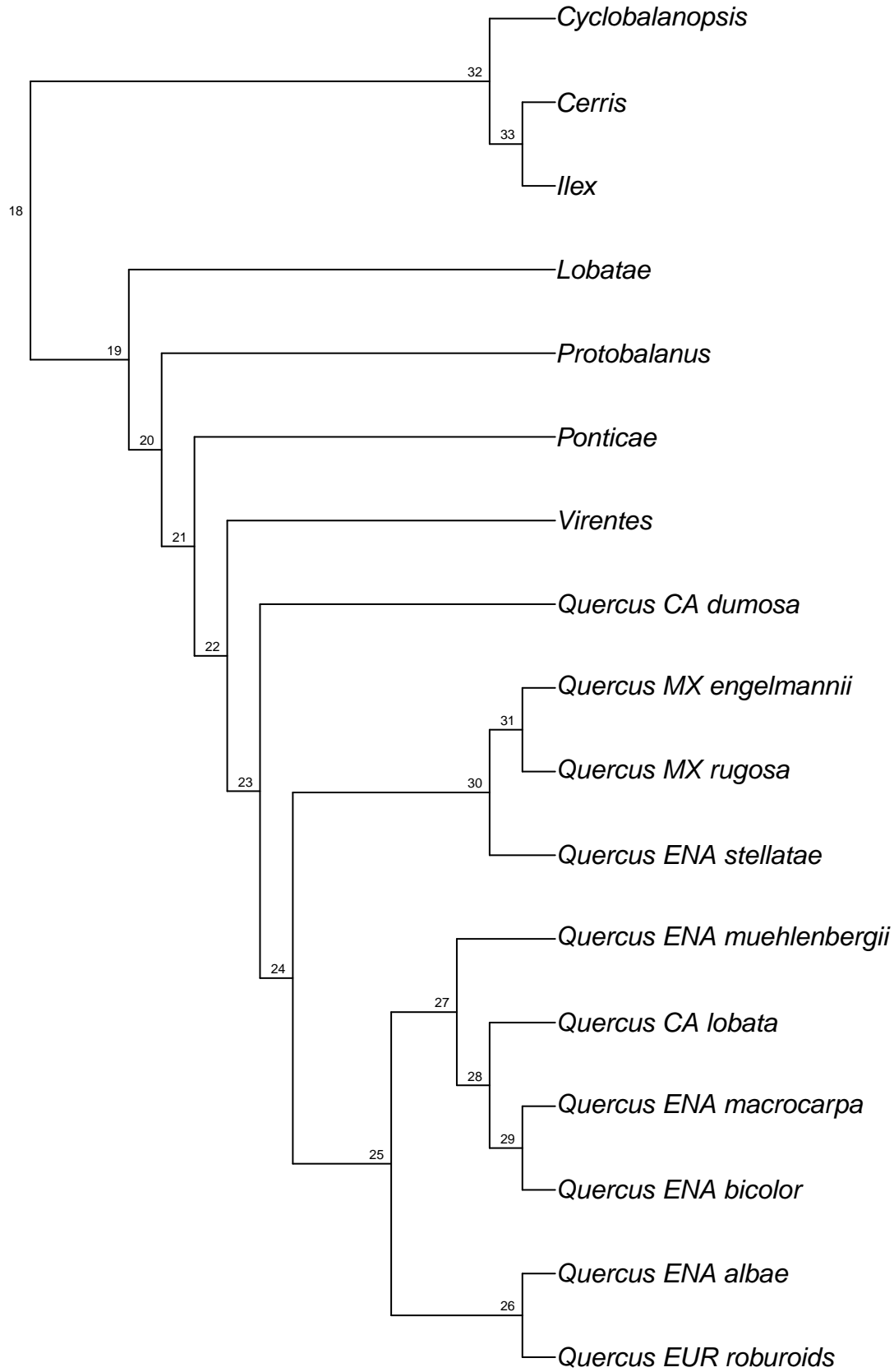
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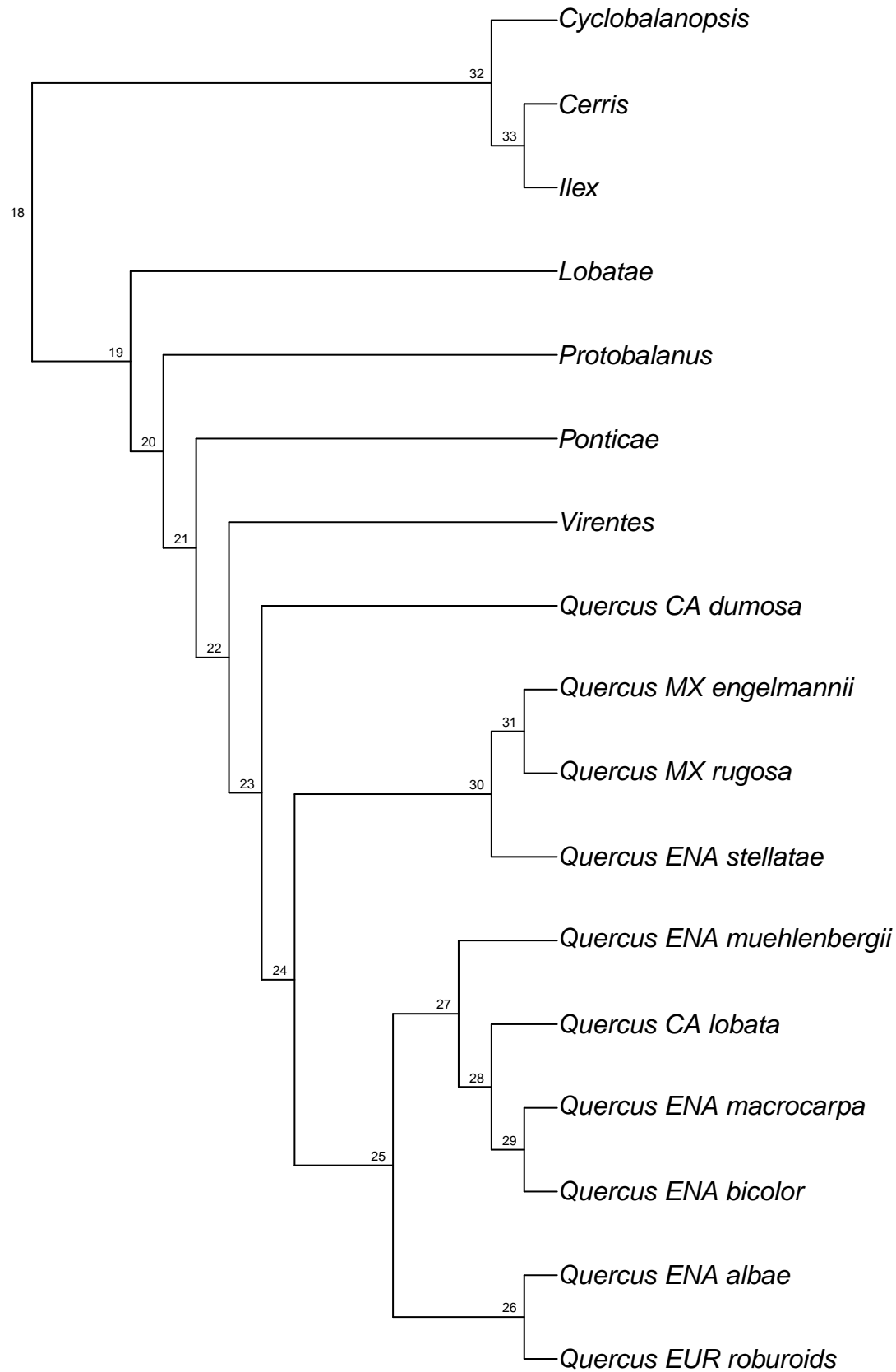
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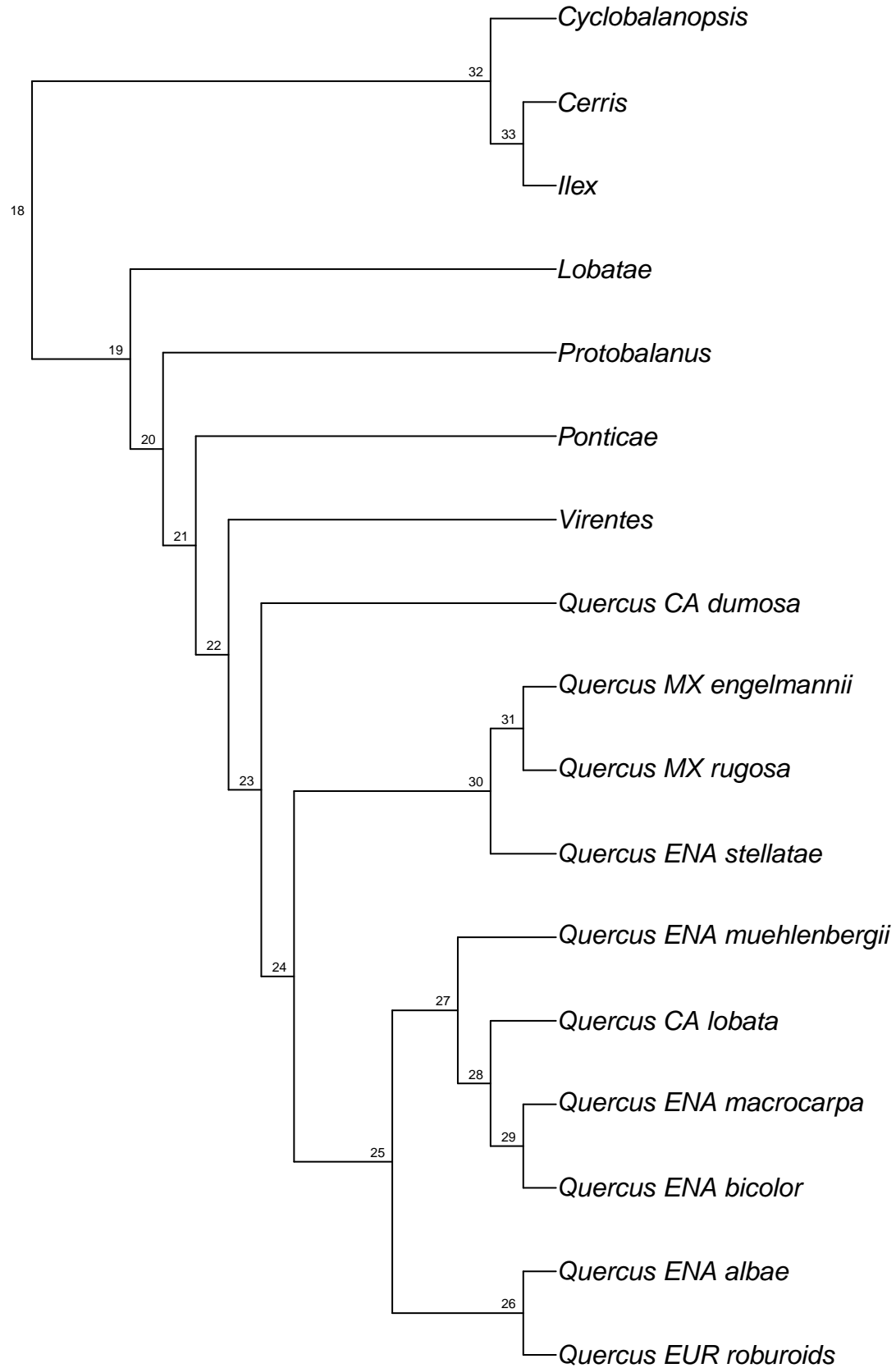
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reSeq.reseq_Qvar.bt085



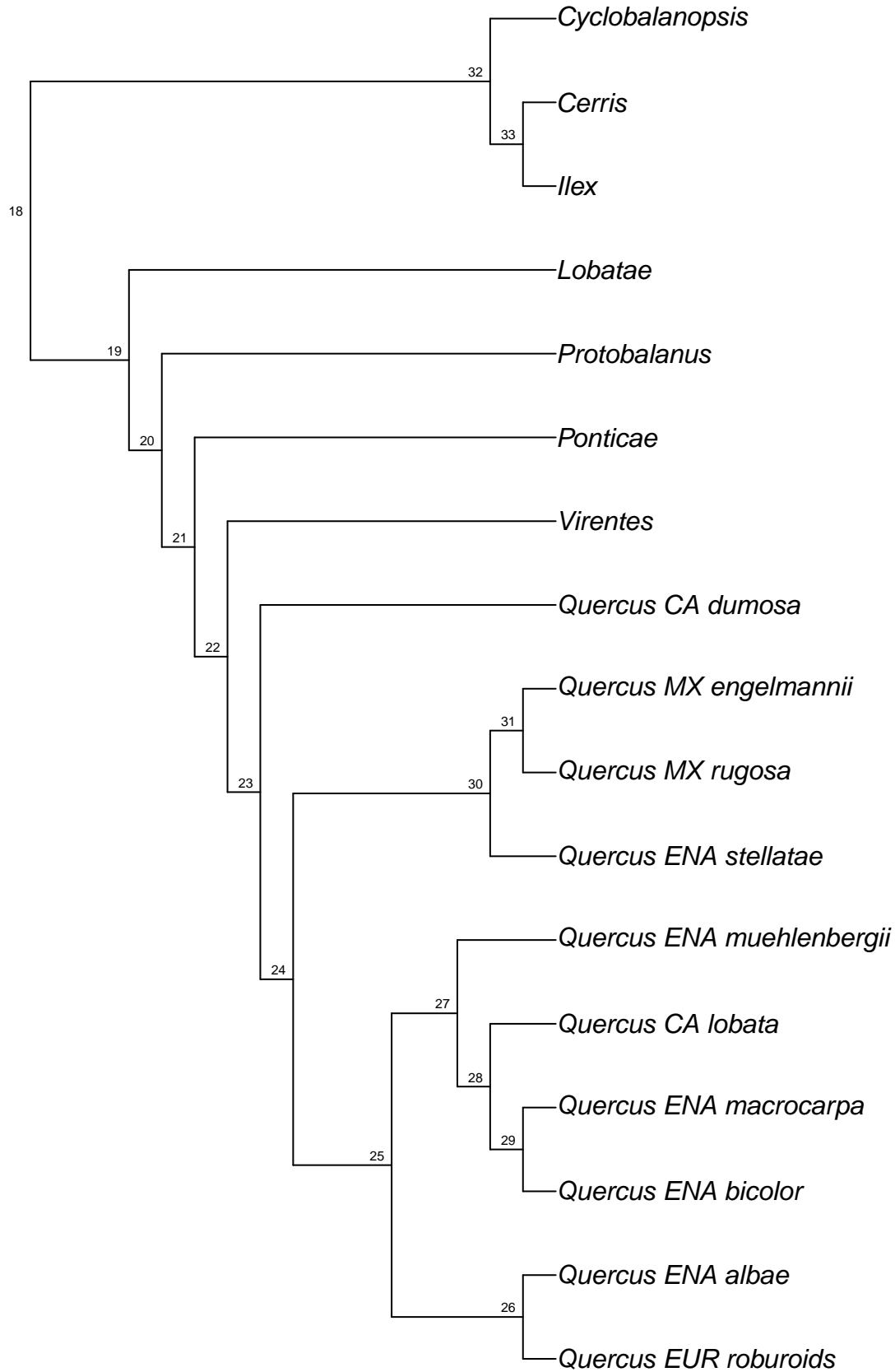
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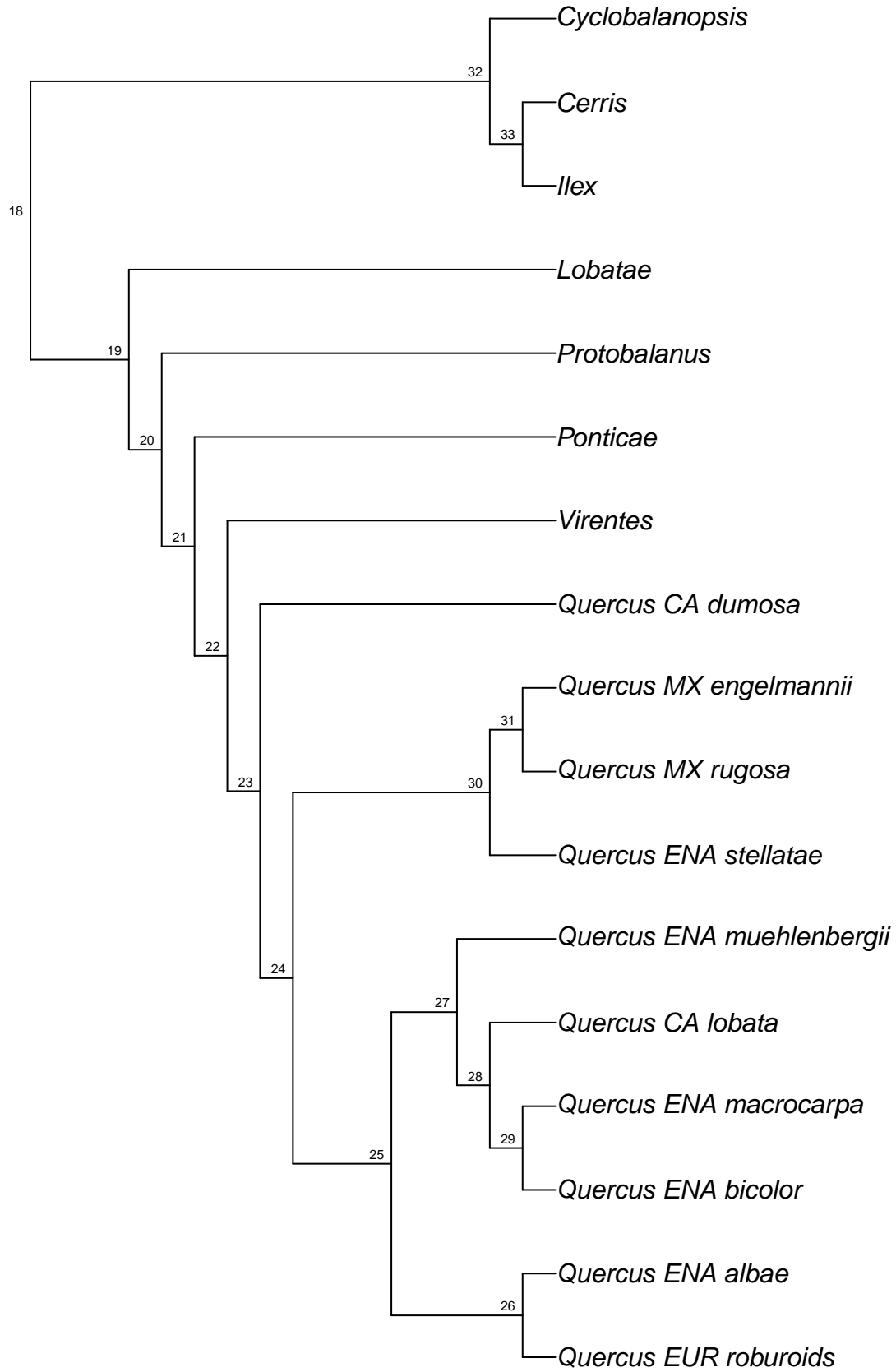
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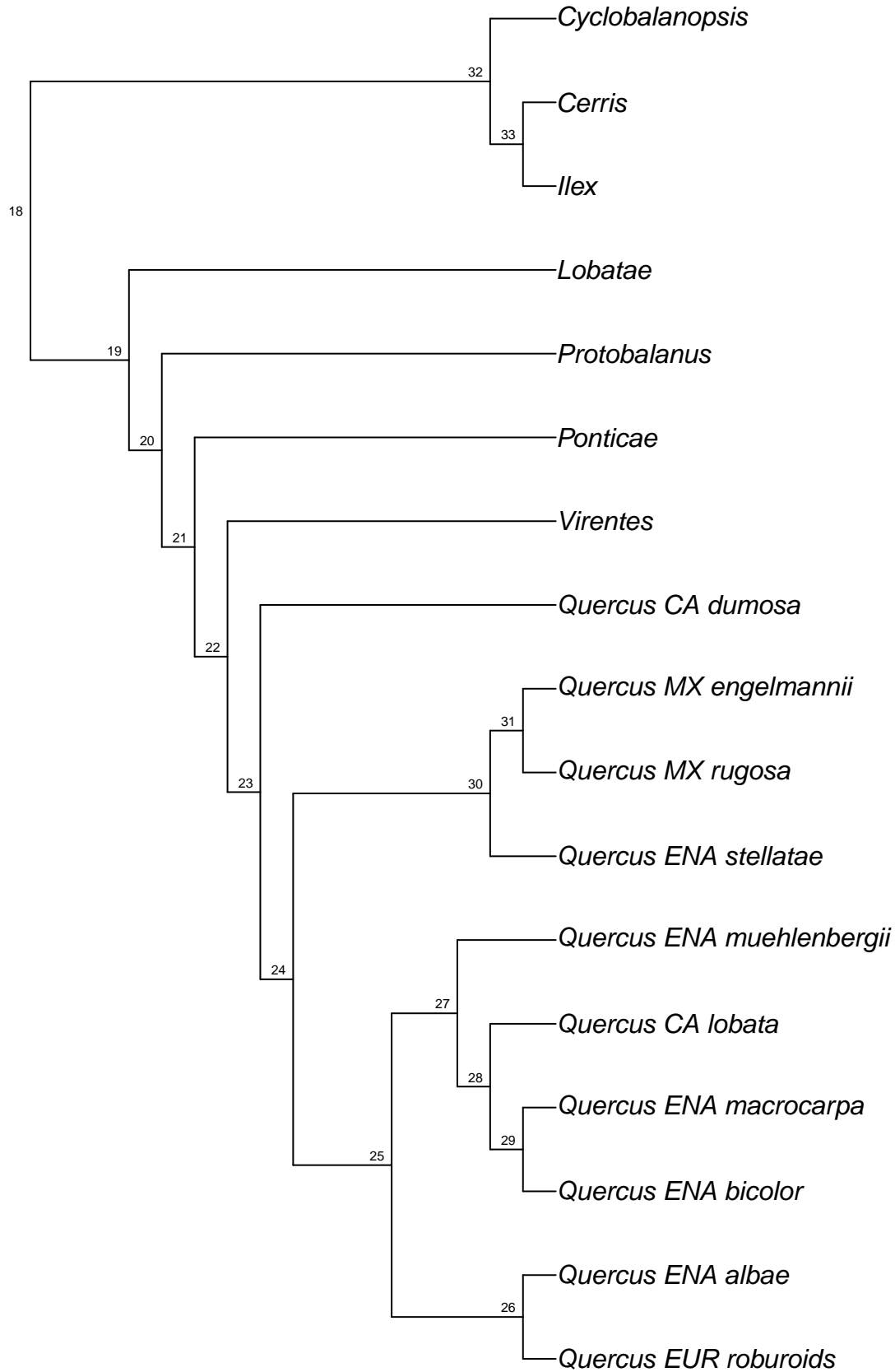
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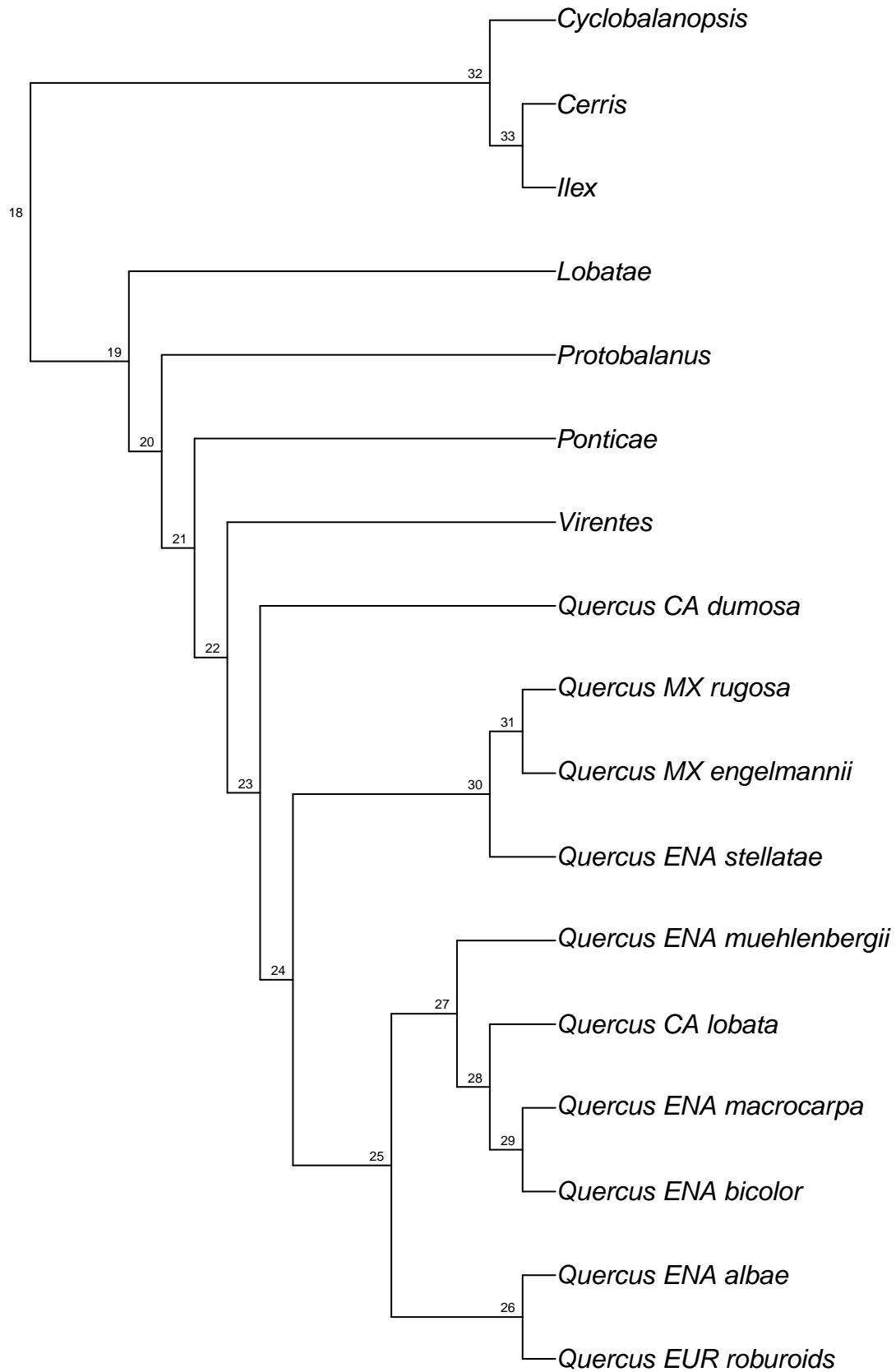
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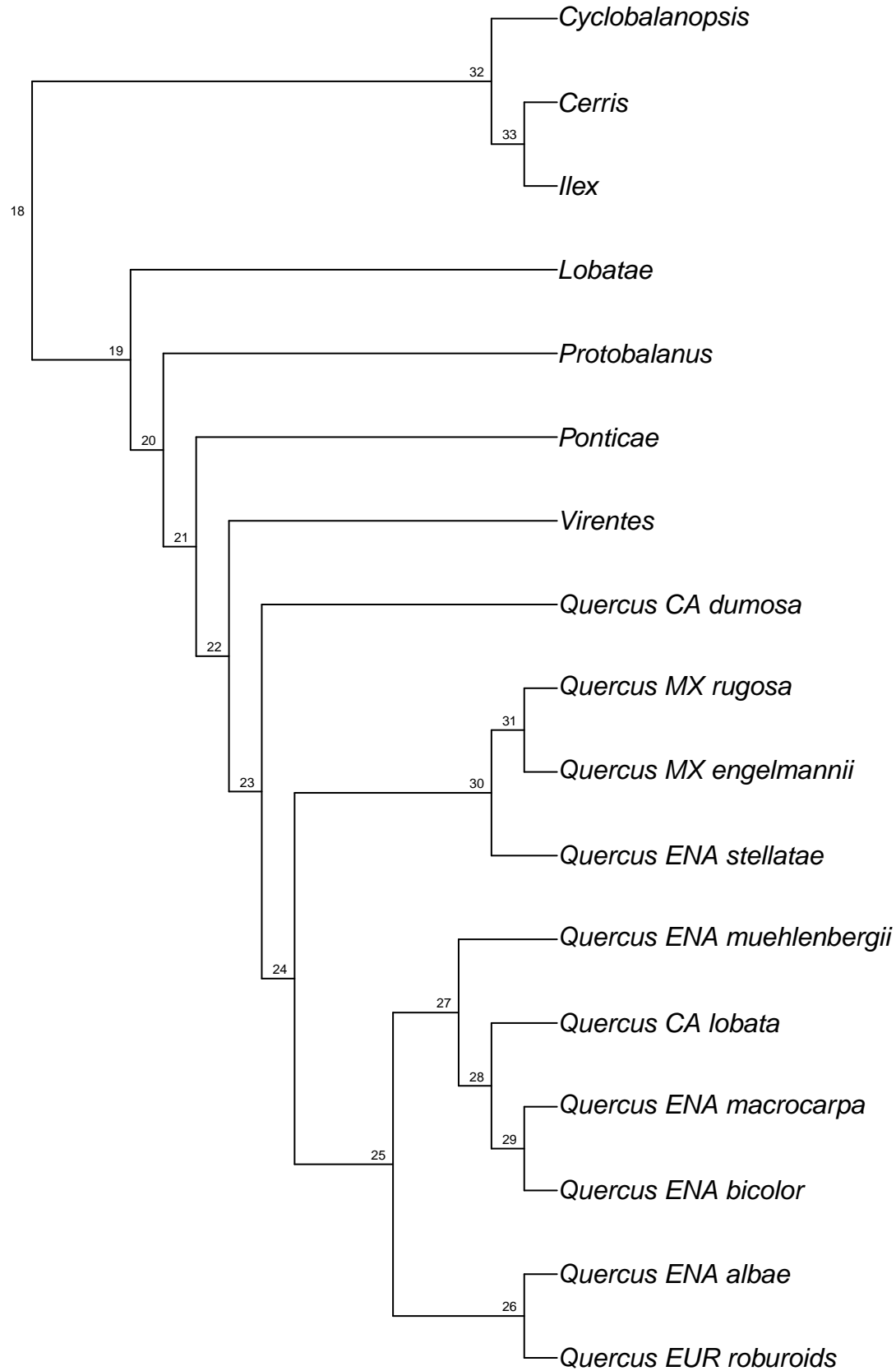
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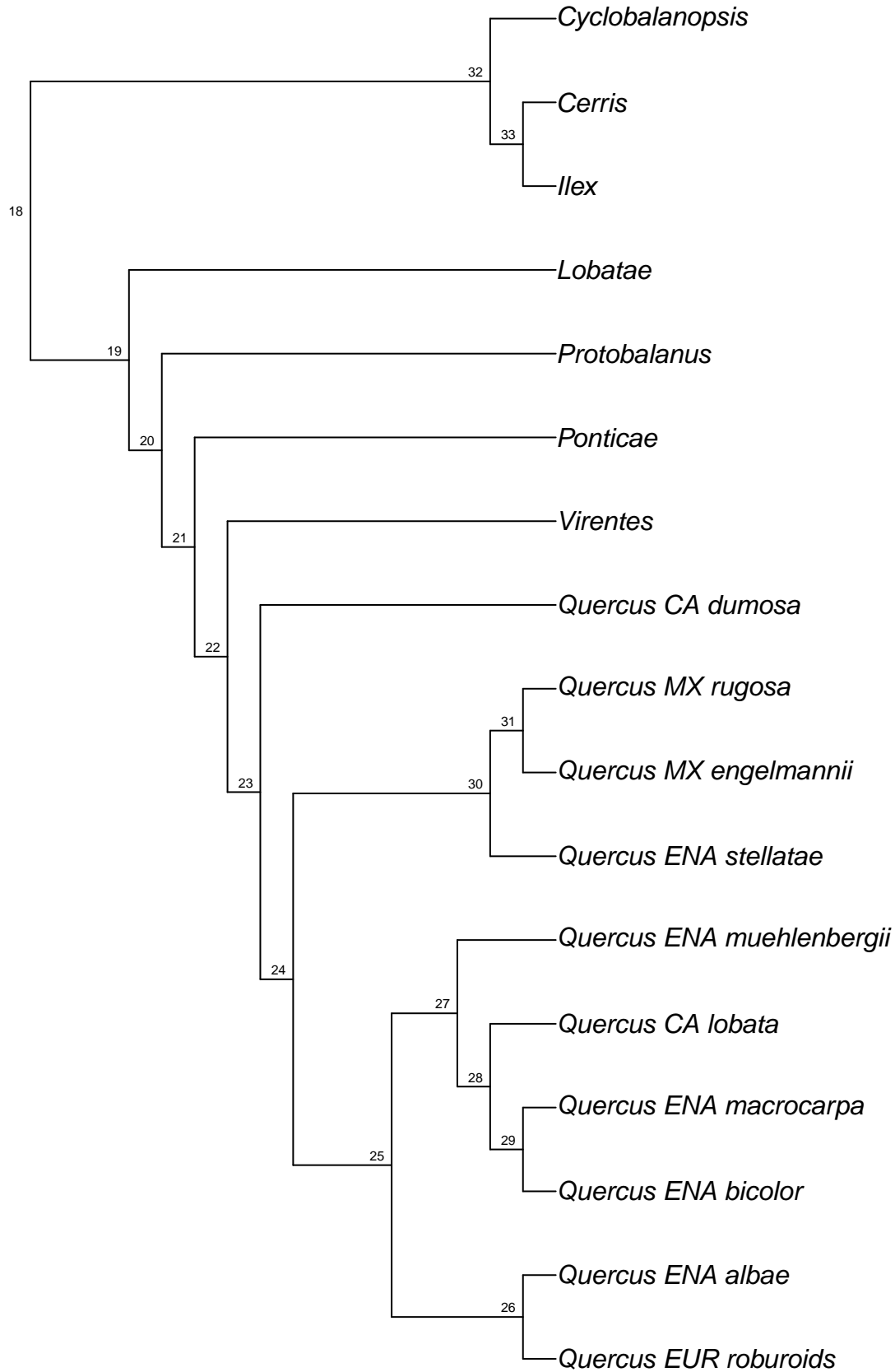
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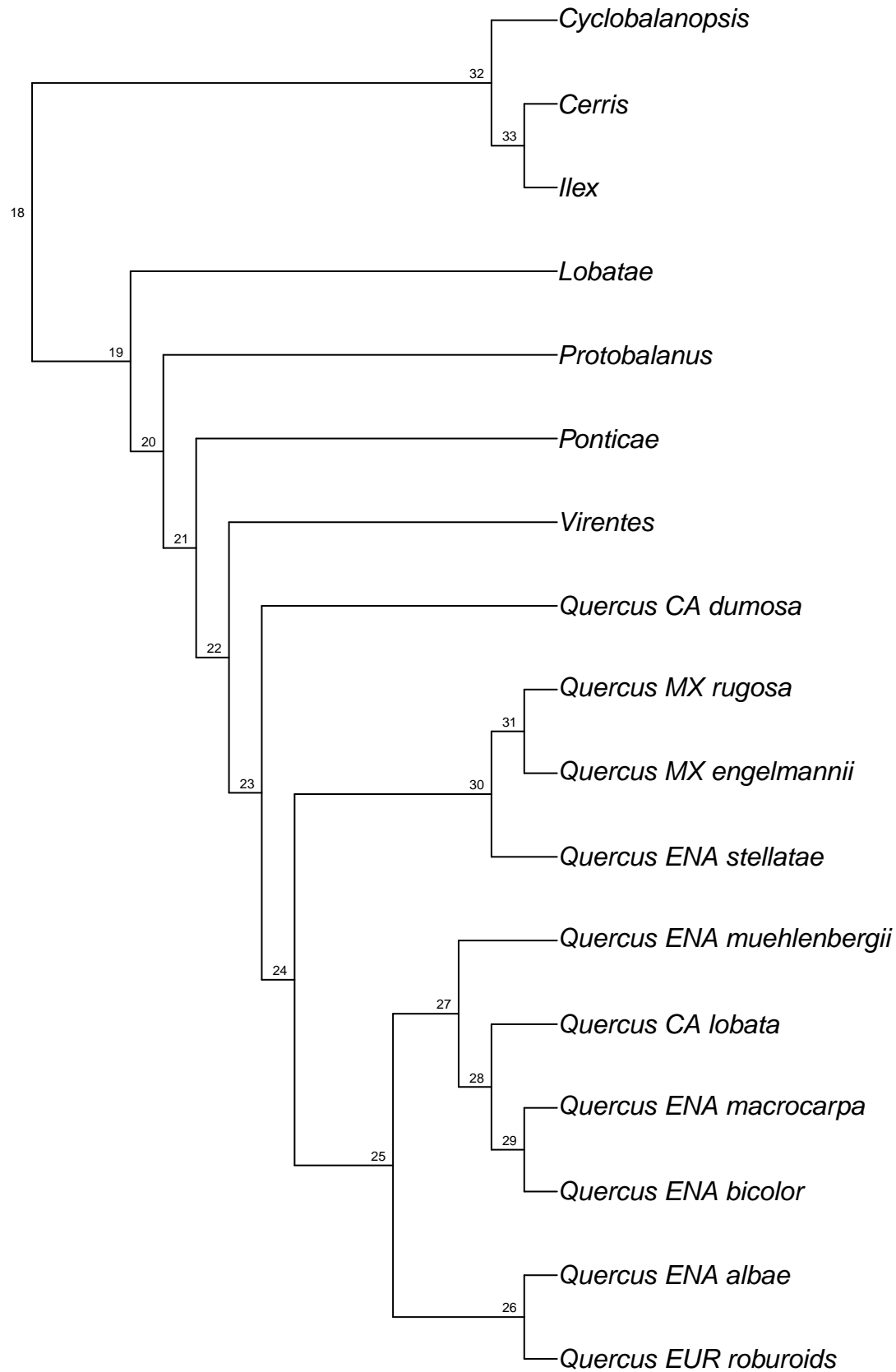
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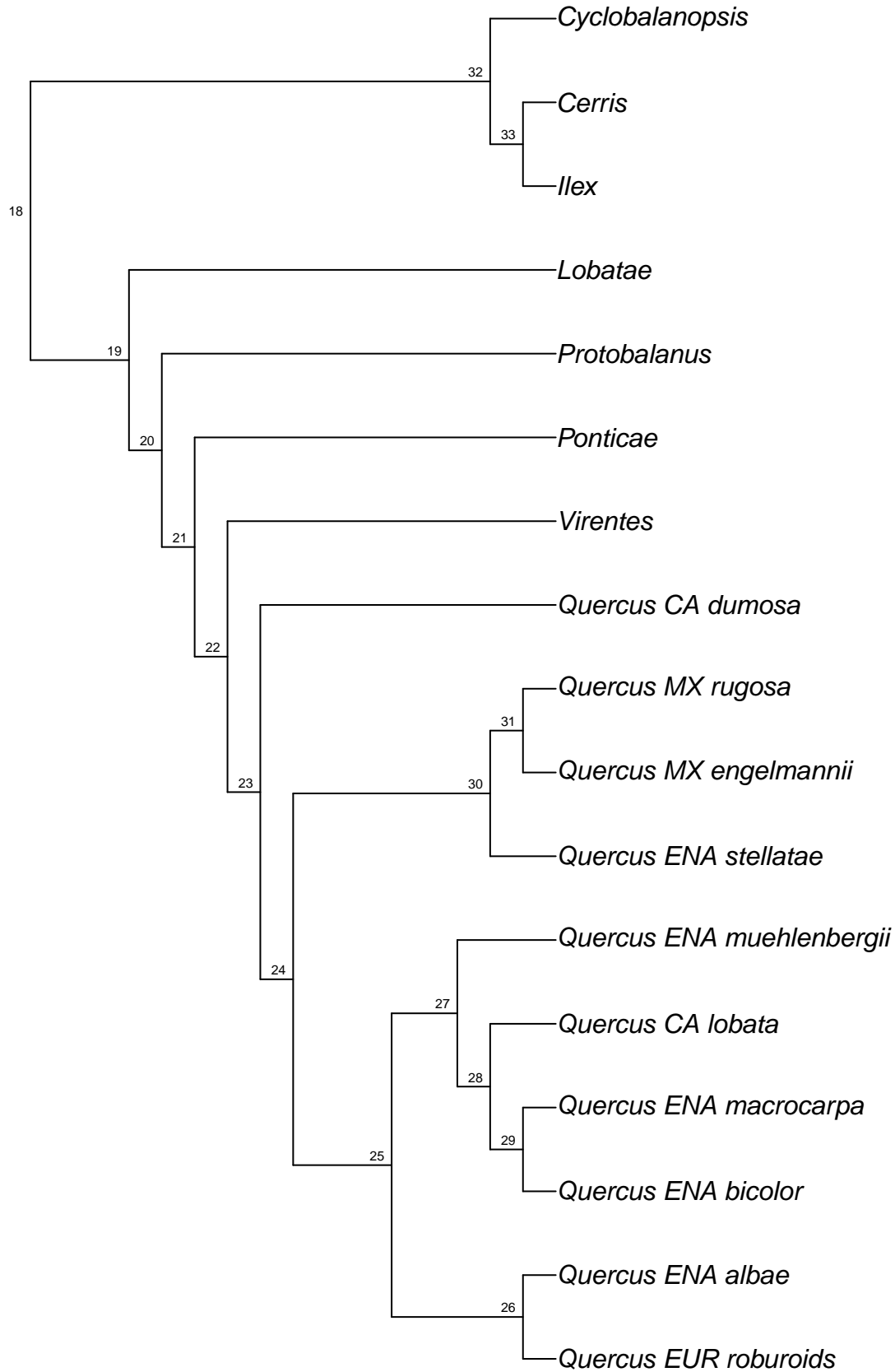
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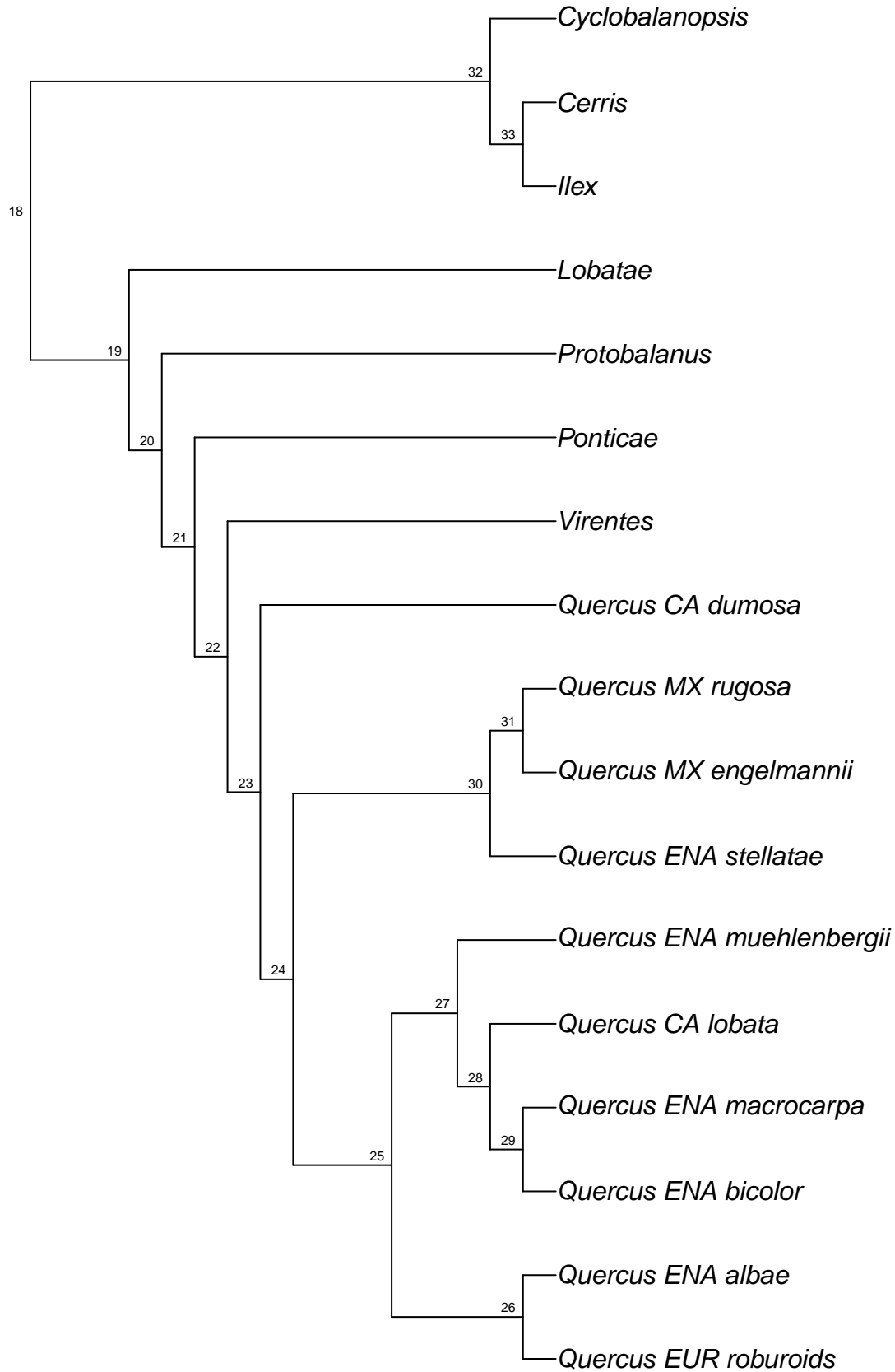
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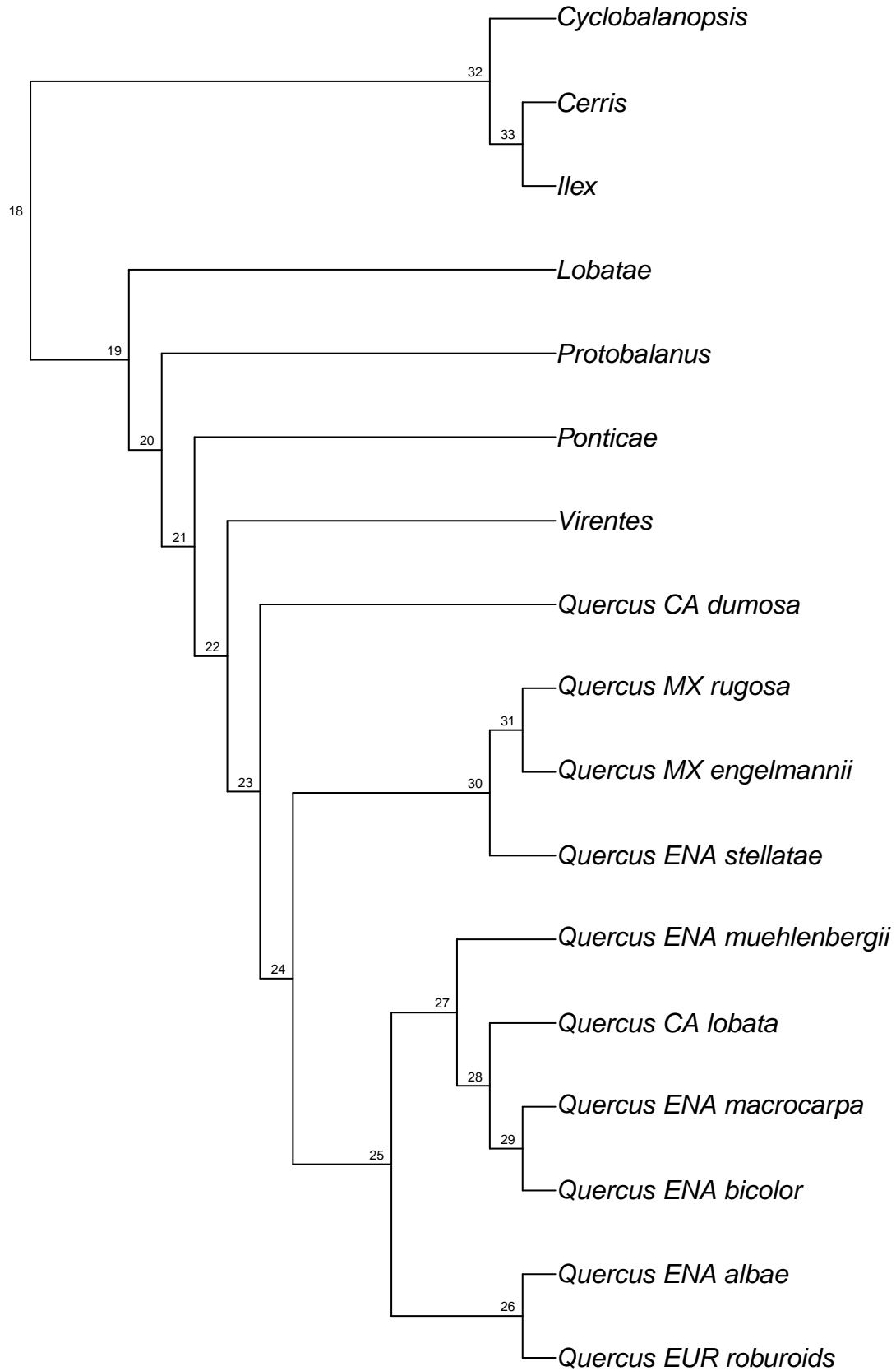
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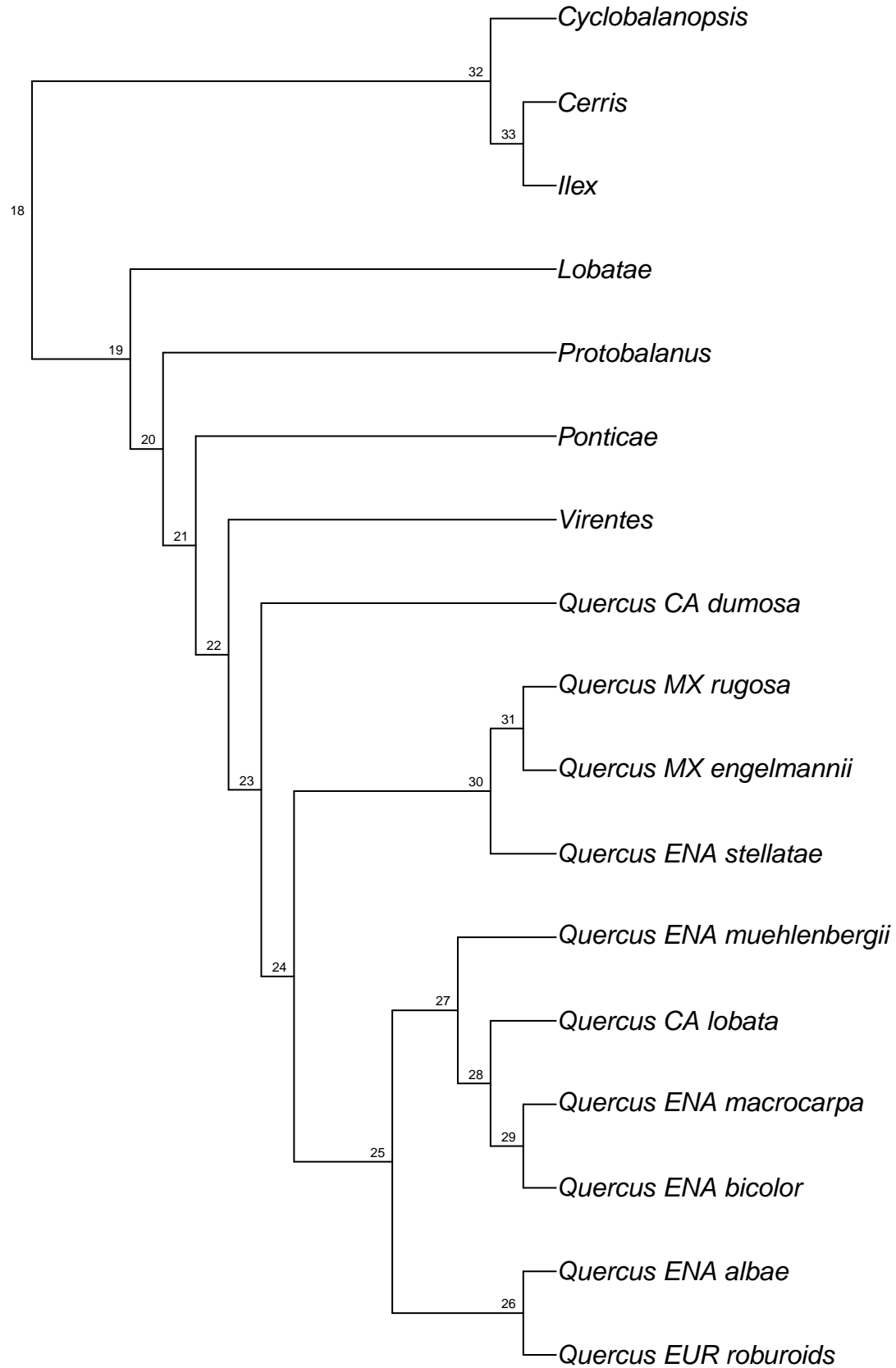
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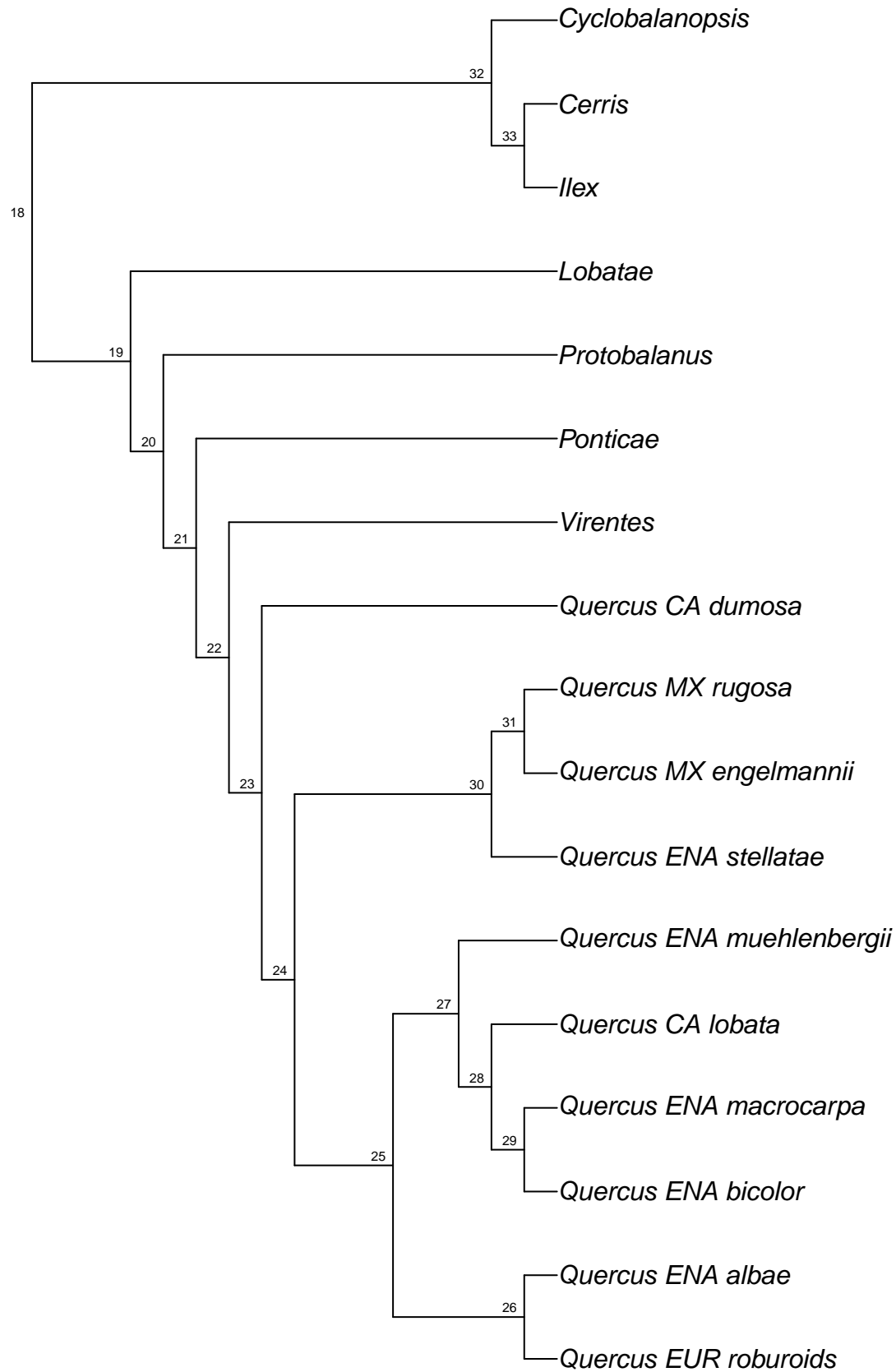
reSeq.reseq_Qvar.bt097



reSeq.reseq_Qvar.bt098



reSeq.reseq_Qvar.bt099



reSeq.reseq_Qvar.bt100

