

A.

PhyloExplorer

((Phylogenetic, Tree), Explorer)

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Here you can view each individual tree of the collection and the corresponding excerpt of the taxonomy.
For each tree, ambiguous leaves (i.e. those that are not uniquely associated to a scientific name present in the taxonomy) are indicated by a "?".
Clades are named by the smallest taxonomic group containing all their leaves. When a clade contains ambiguous leaves, those leaves are not taken into account to assign its name but "?" are added to this latter to reflect this approximation.

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Featuring:

NCBI

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Statistics & queries

Individual trees

Taxon images

Matrix [trees X taxa]

Trees list

- psmb-k
- psma-a
- psma-b
- if2p
- psma-d
- psma-e
- psma-f
- psma-g
- rps28a
- hsp70-e

Selected tree is " if2p "

Image Browsable NCBI excerpt Newick format

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NCBI excerpt

Collection

Logos: NCBI, EMBL, EBI, UCL, etc.

B.

Selected tree is " if2p "

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Root (21/1) = (21 species in 1 trees)

- [-] Fungi/metazoa group
- [-] Eumetazoa
- [-] Cnidaria
- [-] Hydra magnipapillata
- [-] Nematostella vectensis
- [-] Coelomata
- [-] Protostomia
- [-] Arthropoda
- [-] Neoptera
- [-] Endopterygota
- [-] Tribolium castaneum
- [-] Apis mellifera
- [-] Locusta migratoria
- [-] Ixodidae
- [-] Euprymna scolopes
- [-] Deuterostomia
- [-] Strongylocentrotidae
- [-] Chordata
- [-] Tunicata
- [-] Ciona
- [-] Ciona savignyi
- [-] Ciona intestinalis
- [-] Oikopleura dioica
- [-] Craniata <chordata>
- [-] Myxinidae
- [-] Vertebrata
- [-] Euteleostomi
- [-] Clupeocephala
- [-] Danio rerio
- [-] Tetraodon nigroviridis
- [-] Tetrapoda
- [-] Amniota
- [-] Gallus gallus
- [-] Eutheria
- [-] Batrachia
- [-] Ambystoma
- [-] Xenopus <genus>
- [-] Petromyzon marinus
- [-] Fungi
- [-] Blastocladiella emersonii
- [-] Rhizopus oryzae

C.

Selected tree is " if2p "

Image Browsable NCBI excerpt Newick format

```
(euprymna_scolopes,(apis_mellifera,tribolium_castaneum)[endopterygota],
((strongylocentrotidae,nematostella_vectensis)[eumetazoa],(((ixodidae,ambystoma)[coelomata],
(((ciona_savignyi,ciona_intestinalis)[ciona],oikopleura_dioica)[tunicata],
((rhizopus_oryzae,blastocladiella_emersonii)[fungi],hydra_magnipapillata)[fungi/metazoa_group])
[eukaryota],(((danio_rerio,tetraodon_nigroviridis)[clupeocephala],petromyzon_marinus)[vertebrata],
(eutheria,(xenopus_genus),gallus_gallus)[tetrapoda])[sarcopterygii])[craniata_chordata],myxinidae
[chordata])[cellular_organisms])[root],locusta_migratoria)[?])[?])
```