Enteropneusta Spengelidae Glandiceps removed a priori Vetulocystis catenata Yanjiahella biscarpa -Beidazoon venustum Herpetogaster collinsi Vetulicola cuneata Eocrinoidea Akadocrinus 100% %Rhombifera Macrocystella -Rhombifera Pleurocystites Eocrinoidea Ubaghsicystis 100% Eocrinoidea Gogia Eocrinoidea Lyracystis radiata Eocrinoidea Kinzercystis 72% Crinoidea Aethocrinus 99% Edrioasteroidea Camptostroma 9%Helicoplacus 95% Helicocystis moroccoensis Edrioasteroidea Kailidiscus chinensis Edrioasteroidea Stromatocystites Solute Castericystis vali 99% Solute Coleicarpus sprinklei 76%-Cornute Ceratocystis perneri 100% Cornute Ponticulocarpus -Mitrate Lagynocystis pyramidalis ∟Mitrate Mitrocystella incipiens 94%Ctenocystoid Courtessolea └Ctenoimbricata spinosa Cinctan Bohemiacinctus havliceki -Banffia constricta 88% Pterobranch Cephalodiscus -Pterobranch Rhabdopleura 99% 99% Hemichordata Oesia Enteropneusta Harrimaniidae Saccoglossus -Hemichordata Spartobranchus -Hemichordata Gyaltsenglossus Rotadiscus Phlogites longus 86% Shankouclava anningense Leaf stability 87% Tunicata Ciona Unstable Cephalochordata Branchiostoma Amiskwia sagittiformis

Stable

56%

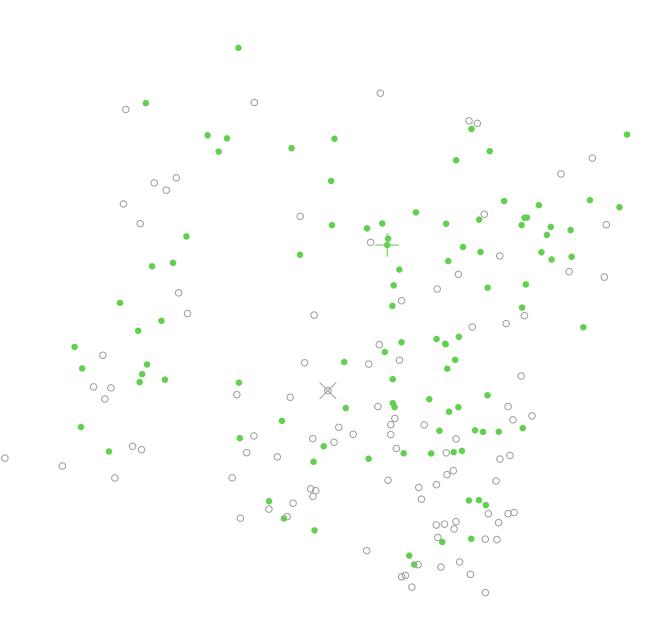
Enteropneusta Spengelidae Glandiceps removed a posteriori Yanjiahella biscarpa -Beidazoon venustum Vetulicola cuneata Eocrinoidea Akadocrinus 100% <sup>00</sup>4Rhombifera Macrocystella LRhombifera Pleurocystites Eocrinoidea Ubaghsicystis 999 Eocrinoidea Gogia Eocrinoidea Lyracystis radiata Eocrinoidea Kinzercystis 71% Crinoidea Aethocrinus Edrioasteroidea Camptostroma 100% <sup>9</sup>Helicoplacus 97% <sup>©</sup>Helicocystis moroccoensis Edrioasteroidea Kailidiscus chinensis Edrioasteroidea Stromatocystites Solute Castericystis vali Solute Coleicarpus sprinklei 82%-Cornute Ceratocystis perneri Cornute Ponticulocarpus 100% -Mitrate Lagynocystis pyramidalis Mitrate Mitrocystella incipiens 94%Ctenocystoid Courtessolea Ctenoimbricata spinosa Cinctan Bohemiacinctus havliceki Vetulocystis catenata Banffia constricta 96% Pterobranch Cephalodiscus -Pterobranch Rhabdopleura 95% 100%Hemichordata Oesia Enteropneusta Harrimaniidae Saccoglossus Hemichordata Spartobranchus -Hemichordata Gyaltsenglossus -Rotadiscus Herpetogaster collinsi Phlogites longus Shankouclava anningense Leaf stability Tunicata Ciona Unstable Cephalochordata Branchiostoma

Amiskwia sagittiformis

Stable

Taxon removed:

- a priori
- o a posteriori
- + median



Tree space mapping quality
Trustworthiness = 0.831
Continuity = 0.881