Pterobranch Rhabdopleura removed a priori Vetulocystis catenata Eocrinoidea Gogia -Beidazoon venustum Yanjiahella biscarpa Vetulicola cuneata 100%Rhombifera Macrocystella -Rhombifera Pleurocystites Eocrinoidea Akadocrinus Eocrinoidea Ubaghsicystis Eocrinoidea Lyracystis radiata 999 Eocrinoidea Kinzercystis Crinoidea Aethocrinus Edrioasteroidea Camptostroma 98% <sup>3</sup>0%Helicoplacus PHelicocystis moroccoensis 90% Edrioasteroidea Kailidiscus chinensis Edrioasteroidea Stromatocystites Solute Castericystis vali -Solute Coleicarpus sprinklei 100% 86%-Cornute Ceratocystis perneri Cornute Ponticulocarpus 1009 -Mitrate Lagynocystis pyramidalis Mitrate Mitrocystella incipiens 92%Ctenocystoid Courtessolea └Ctenoimbricata spinosa Cinctan Bohemiacinctus havliceki Banffia constricta Pterobranch Cephalodiscus Hemichordata Oesia 99% %Enteropneusta Spengelidae Glandiceps 80 └Enteropneusta Harrimaniidae Saccoglossus Hemichordata Spartobranchus -Hemichordata Gyaltsenglossus -Rotadiscus –Herpetogaster collinsi Phlogites longus Shankouclava anningense Leaf stability 85% Tunicata Ciona Unstable

Cephalochordata Branchiostoma

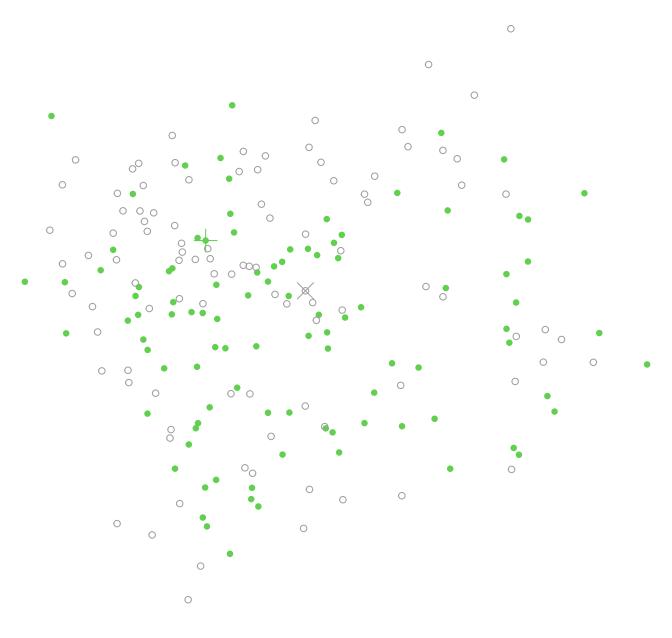
Stable

Amiskwia sagittiformis

Pterobranch Rhabdopleura removed a posteriori Yanjiahella biscarpa -Beidazoon venustum Vetulicola cuneata Eocrinoidea Akadocrinus 100% <sup>⊃</sup>Q<sup>2</sup>Rhombifera 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 Pterobranch Cephalodiscus Hemichordata Oesia 95% Enteropneusta Spengelidae Glandiceps 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 = 0.82

Continuity = 0.873