Enteropneusta Harrimaniidae Saccoglossus removed a priori Yanjiahella biscarpa 72% -Beidazoon venustum Vetulicola cuneata Eocrinoidea Akadocrinus 100% ⁰[™]Rhombifera Macrocystella LRhombifera Pleurocystites Eocrinoidea Ubaghsicystis 99 Eocrinoidea Gogia Eocrinoidea Lyracystis radiata Eocrinoidea Kinzercystis 70% Crinoidea Aethocrinus Edrioasteroidea Camptostroma 57% 97% ₩Helicoplacus -Helicocystis moroccoensis 95% Edrioasteroidea Kailidiscus chinensis Edrioasteroidea Stromatocystites -Solute Castericystis vali Solute Coleicarpus sprinklei 83%-Cornute Ceratocystis perneri Cornute Ponticulocarpus 100% 100% -Mitrate Lagynocystis pyramidalis -Mitrate Mitrocystella incipiens 90%Ctenocystoid Courtessolea Ctenoimbricata spinosa Cinctan Bohemiacinctus havliceki Vetulocystis catenata Banffia constricta 87% - Pterobranch Cephalodiscus -Pterobranch Rhabdopleura 98% 99% Hemichordata Oesia Enteropneusta Spengelidae Glandiceps -Hemichordata Spartobranchus -Hemichordata Gyaltsenglossus Rotadiscus -Herpetogaster collinsi -Phlogites longus Shankouclava anningense Leaf stability 92% Tunicata Ciona Unstable

Cephalochordata Branchiostoma

Stable

Amiskwia sagittiformis

Enteropneusta Harrimaniidae Saccoglossus removed a posteriori Yanjiahella biscarpa -Beidazoon venustum Vetulicola cuneata Eocrinoidea Akadocrinus 100% ⁰[™]Rhombifera Macrocystella LRhombifera Pleurocystites Eocrinoidea Ubaghsicystis 999 Eocrinoidea Gogia Eocrinoidea Lyracystis radiata Eocrinoidea Kinzercystis 71% Crinoidea Aethocrinus Edrioasteroidea Camptostroma 100% **#Helicoplacus** 97% Lelicocystis moroccoensis Edrioasteroidea Kailidiscus chinensis Edrioasteroidea Stromatocystites -Solute Castericystis vali Solute Coleicarpus sprinklei 82%-Cornute Ceratocystis perneri Cornute Ponticulocarpus 100% 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 Spengelidae Glandiceps -Hemichordata Spartobranchus -Hemichordata Gyaltsenglossus -Rotadiscus -Herpetogaster collinsi -Phlogites longus Shankouclava anningense Leaf stability Tunicata Ciona Unstable Cephalochordata Branchiostoma Amiskwia sagittiformis

Stable

