

**Table S2.** Uncorrected (upper half) and K2P (lower half) pairwise distance matrix among *Epizoanthus* species and *Hydrozoanthus gracilis* cytochrome oxidase subunit I (COI) sequences.

	EK02	EK08	EK07	EK09	EK10	EK06	EK04	EK01	EK03
EK02	0.000000	0.000000	0.003713	0.003713	0.003713	0.022558	0.022558	0.022558	0.022558
EK08	0.000000	0.000000	0.003713	0.003713	0.003713	0.022558	0.022558	0.022558	0.022558
EK07	0.003711	0.003711	0.000000	0.000000	0.000000	0.026385	0.026385	0.026385	0.026385
EK09	0.003711	0.003711	0.000000	0.000000	0.000000	0.026385	0.026385	0.026385	0.026385
EK10	0.003711	0.003711	0.000000	0.000000	0.000000	0.026385	0.026385	0.026385	0.026385
EK06	0.022600	0.022600	0.026421	0.026421	0.026421	0.000000	0.000000	0.000000	0.000000
EK04	0.022600	0.022600	0.026421	0.026421	0.026421	0.000000	0.000000	0.000000	0.000000
EK01	0.022600	0.022600	0.026421	0.026421	0.026421	0.000000	0.000000	0.000000	0.000000
EK03	0.022600	0.022600	0.026421	0.026421	0.026421	0.000000	0.000000	0.000000	0.000000
<i>E. paguricola</i>	0.018795	0.018795	0.022600	0.022600	0.022600	0.011231	0.011231	0.011231	0.011231
<i>E. ramosus</i>	0.018821	0.018821	0.015026	0.015026	0.015026	0.018821	0.018821	0.018821	0.018821
<i>E. scotinus</i>	0.018795	0.018795	0.022600	0.022600	0.022600	0.011231	0.011231	0.011231	0.011231
<i>E. fiordicus</i>	0.022546	0.022546	0.026358	0.026358	0.026358	0.022546	0.022546	0.022546	0.022546
<i>E. illoricatus</i>	0.026483	0.026483	0.030329	0.030329	0.030329	0.018839	0.018839	0.018839	0.018839
<i>E. indicus</i>	0.018750	0.018750	0.022546	0.022546	0.022546	0.011205	0.011205	0.011205	0.011205
<i>E. paxii</i>	0.014935	0.014935	0.011178	0.011178	0.011178	0.022600	0.022600	0.022600	0.022600
<i>E. vagus</i>	0.014935	0.014935	0.011178	0.011178	0.011178	0.022600	0.022600	0.022600	0.022600
<i>H. gracilis</i>	0.129674	0.129674	0.129674	0.129674	0.129674	0.129674	0.129674	0.129674	0.129674

  

	<i>E. paguricola</i>	<i>E. ramosus</i>	<i>E. scotinus</i>	<i>E. fiordicus</i>	<i>E. illoricatus</i>	<i>E. indicus</i>	<i>E. arenaceus</i> 1	<i>E. arenaceus</i> 2	<i>H. gracilis</i>
EK02	0.018751	0.018822	0.018751	0.022558	0.026385	0.018751	0.014963	0.014963	0.129003
EK08	0.018751	0.018822	0.018751	0.022558	0.026385	0.018751	0.014963	0.014963	0.129003
EK07	0.022558	0.015019	0.022558	0.026385	0.030231	0.022558	0.011194	0.011194	0.129003
EK09	0.022558	0.015019	0.022558	0.026385	0.030231	0.022558	0.011194	0.011194	0.129003
EK10	0.022558	0.015019	0.022558	0.026385	0.030231	0.022558	0.011194	0.011194	0.129003
EK06	0.011194	0.018822	0.011194	0.022558	0.018751	0.011194	0.022558	0.022558	0.129003
EK04	0.011194	0.018822	0.011194	0.022558	0.018751	0.011194	0.022558	0.022558	0.129003
EK01	0.011194	0.018822	0.011194	0.022558	0.018751	0.011194	0.022558	0.022558	0.129003
EK03	0.011194	0.018822	0.011194	0.022558	0.018751	0.011194	0.022558	0.022558	0.129003
<i>E. paguricola</i>	0.000000	0.015019	0.000000	0.018751	0.014963	0.007444	0.018751	0.018751	0.133415
<i>E. ramosus</i>	0.015026	0.000000	0.015019	0.018822	0.022643	0.015019	0.011236	0.011236	0.138416
<i>E. scotinus</i>	0.000000	0.015026	0.000000	0.018751	0.014963	0.007444	0.018751	0.018751	0.133415
<i>E. fiordicus</i>	0.018750	0.018777	0.018750	0.000000	0.026385	0.018751	0.022558	0.022558	0.146808
<i>E. illoricatus</i>	0.015040	0.022685	0.015040	0.026421	0.000000	0.007444	0.022558	0.022558	0.124617
<i>E. indicus</i>	0.007455	0.014991	0.007455	0.018706	0.007472	0.000000	0.018751	0.018751	0.124617
<i>E. paxii</i>	0.018795	0.011247	0.018795	0.022546	0.022653	0.018750	0.000000	0.000000	0.133415
<i>E. vagus</i>	0.018795	0.011247	0.018795	0.022546	0.022653	0.018750	0.000000	0.000000	0.133415
<i>H. gracilis</i>	0.134027	0.138598	0.134027	0.146813	0.125670	0.125015	0.134027	0.134027	0.000000