Supplementary Material

Effect of exogenous hormones on R-spondin 1 (RSPO1) gene expression and embryo development in *Pelodiscus sinensis*

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**Fig. S1.** Embryonic external morphology of Chinese softshell turtle treated by different hormones. (A) Control group. (E) E2 2.5 mg mL<sup>−1</sup> group. (F) E2 5 mg mL<sup>−1</sup> group. (G) E2 10 mg mL<sup>−1</sup> group. (H) LE 2.5 mg mL<sup>−1</sup> group. (I) LE 5 mg mL<sup>−1</sup> group. (J) LE 10 mg mL<sup>−1</sup> group.
Table S1.  External morphology of larvae Chinese softshell turtle treated with different hormone

<table>
<thead>
<tr>
<th>Group</th>
<th>Weight (g)</th>
<th>Carapace length (cm)</th>
<th>Carapace width (cm)</th>
<th>Tail length (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>3.58±0.28b</td>
<td>2.67±0.09b</td>
<td>2.36±0.07b</td>
<td>0.41±0.04a</td>
</tr>
<tr>
<td>E2 2.5 mg mL⁻¹</td>
<td>3.77±0.29a</td>
<td>2.72±0.09a</td>
<td>2.48±0.08a</td>
<td>0.39±0.05b</td>
</tr>
<tr>
<td>E2 5.0 mg mL⁻¹</td>
<td>3.49±0.23b</td>
<td>2.58±0.10c</td>
<td>2.30±0.10c</td>
<td>0.40±0.05a</td>
</tr>
<tr>
<td>E2 10.0 mg mL⁻¹</td>
<td>3.62±0.30b</td>
<td>2.66±0.10b</td>
<td>2.48±0.09a</td>
<td>0.37±0.05b</td>
</tr>
<tr>
<td>LE 2.5 mg mL⁻¹</td>
<td>3.77±0.24a</td>
<td>2.73±0.10a</td>
<td>2.47±0.09a</td>
<td>0.42±0.04a</td>
</tr>
<tr>
<td>LE 5.0 mg mL⁻¹</td>
<td>3.44±0.25b</td>
<td>2.63±0.10c</td>
<td>2.31±0.09c</td>
<td>0.42±0.06a</td>
</tr>
<tr>
<td>LE 10.0 mg mL⁻¹</td>
<td>3.76±0.28a</td>
<td>2.75±0.09a</td>
<td>2.42±0.90a</td>
<td>0.42±0.05a</td>
</tr>
</tbody>
</table>