Title: Supplementary Data 1.

Description: Overlapping of enriched functional categories for differentially expressed up-regulated genes across regenerative stages.

Title: Supplementary Data 2. **Description:** Statistics of transposable elements in five invertebrate genomes.

Title: Supplementary Data 3. **Description:** GO enrichment analysis of 2776 significantly expanded gene families in earthworm.

Title: Supplementary Data 4. **Description:** GO enrichment analysis of the brown module.

Title: Supplementary Data 5. **Description:** GO enrichment analysis of the red module.

Title: Supplementary Data 6. **Description:** GO enrichment analysis of the blue module.