

Supplementary Information for

Comparative Proteome Analysis Indicates The Divergence between The Head and Tail Regeneration in Planarian

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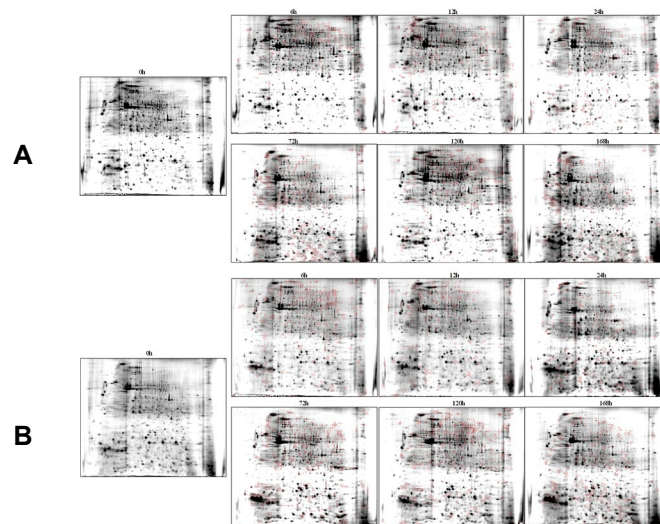


Fig.S1: Two-dimensional electrophoresis photography of the regenerating planarian. **A.** Planarian head regeneration, **B.** Planarian tail regeneration. Proteins were stained with colloidal Coomassie stain.

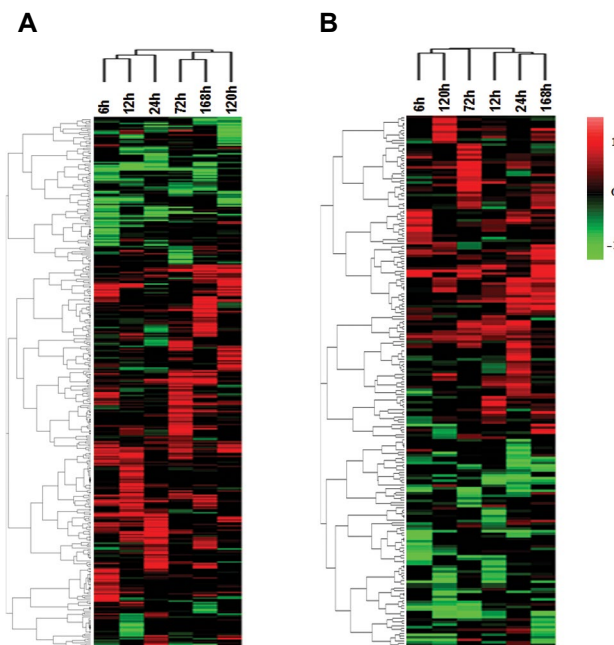


Fig.S2: The heatmap showing the proteins associated with two different regeneration processes. **A.** Expression profiles of the identified PHR-related proteins and **B.** Expression profiles of the identified PTR-related proteins. The abundance of each protein was transformed using \log_2 . The heatmap was colored-red bins for ≥ 2 -fold up-regulation, green bins for ≤ 0.5 -fold down-regulation and black bins for no significant expression. PHR; Planarian head regeneration and PTR; Planarian tail regeneration.

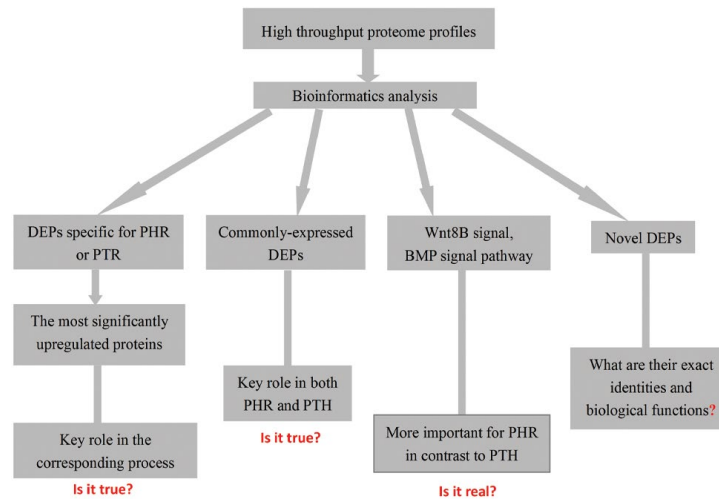


Fig.S3: A schematic representing the future applications in further understanding the mechanism of planarian regeneration.