

**Temporal proteomic profiling reveals insight into critical developmental processes and temperature-influenced physiological response differences in a bivalve mollusc**

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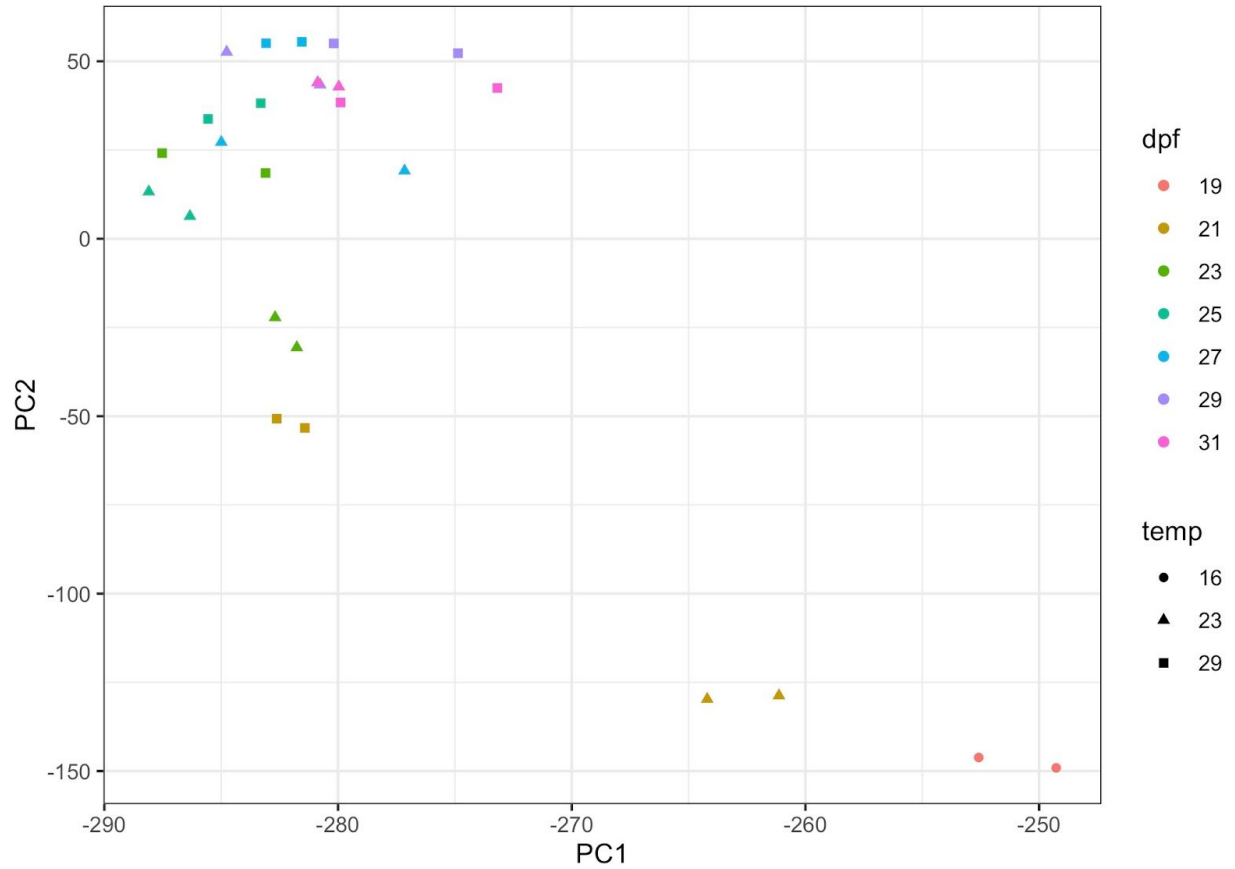
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**Supplemental Figures:**

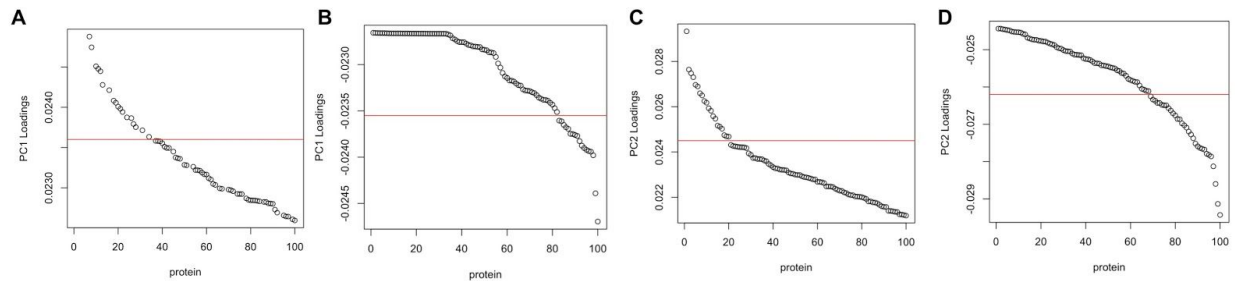
**Supplemental Figure 1.** PCA of all technical replicate samples. (page 2)

**Supplemental Figure 2.** Principal component analysis plots of PC loadings for the top 100 ranked proteins. (page 2)

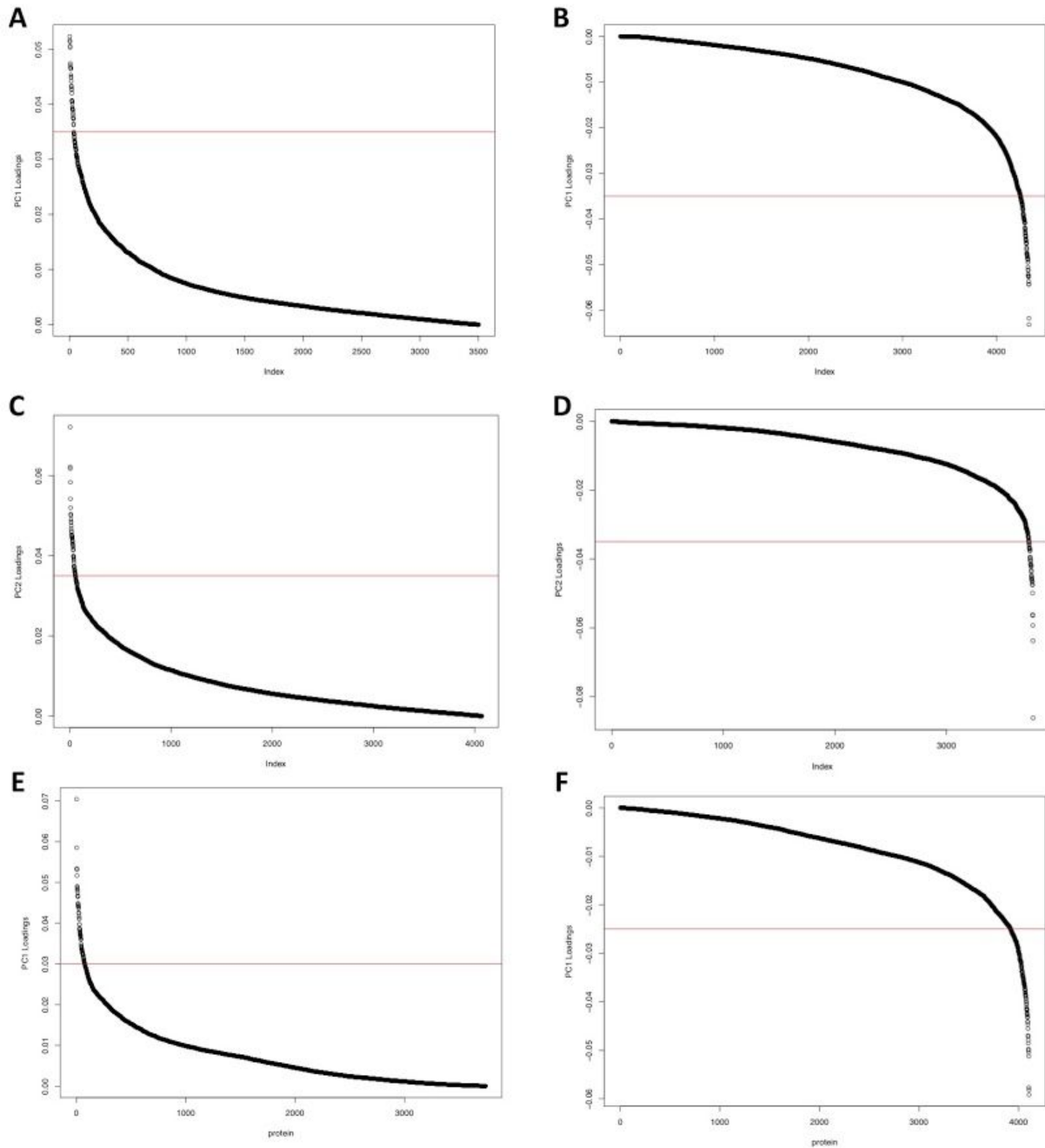
**Supplemental Figure 3.** ANOVA-simultaneous component analysis plots of PC loadings for all proteins. (page 3)



**Supplemental Figure 1.** PCA of all technical replicate samples.



**Supplemental Figure 2.** Principal component analysis plots of PC loadings for the top 100 ranked proteins. **(A)** Proteins with the top 100 most positive PC1 loadings thresholded (red line) at 0.0236. **(B)** Proteins with the top 100 most negative PC1 loadings thresholded (red line) at -0.02355. **(C)** Proteins with the top 100 most positive PC2 loadings thresholded (red line) at 0.0245. **(D)** Proteins with the top 100 most negative PC2 loadings thresholded (red line) at -0.0262.



**Supplemental Figure 3.** ANOVA-simultaneous component analysis plots of PC loadings for all proteins. **(a)** Positive PC1 loadings for time effect. **(b)** Negative PC1 loadings for time effect. **(c)** Positive PC2 loadings for time effect. **(d)** Negative PC2 loadings for time effect. **(e)** Positive PC1 loadings for temperature effect. **(f)** Negative PC1 loadings for temperature effect. Red line indicates the significance threshold loadings value set at the point of diminishing returns (0.035, -0.035, 0.035, -0.035, 0.03, and -0.025, respectively).