

Description of Additional Supplementary Files

File Name: **Supplementary Data 1**

Description: The list of all differentially expressed genes in PH vs. CK and PF vs. CK groups.

File Name: **Supplementary Data 2**

Description: Gene Ontology (GO) and Kyoto Encyclopedia of Genes and Genomes (KEGG) pathway enrichment analysis of differentially expressed genes in PH vs. CK and PF vs. CK groups.

File Name: **Supplementary Data 3**

Description: Differentially expressed transcription factors in PH vs. CK and PF vs. CK groups.