

# Supplementary Materials for

## POLB regulates proliferation and apoptosis of bovine primary myocytes

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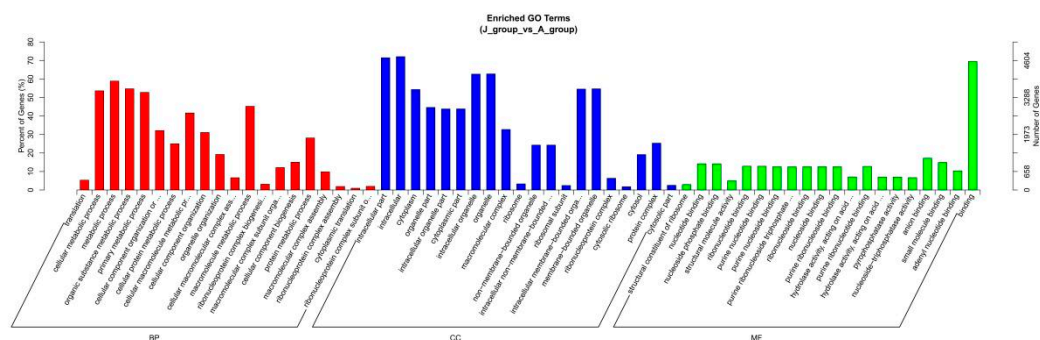
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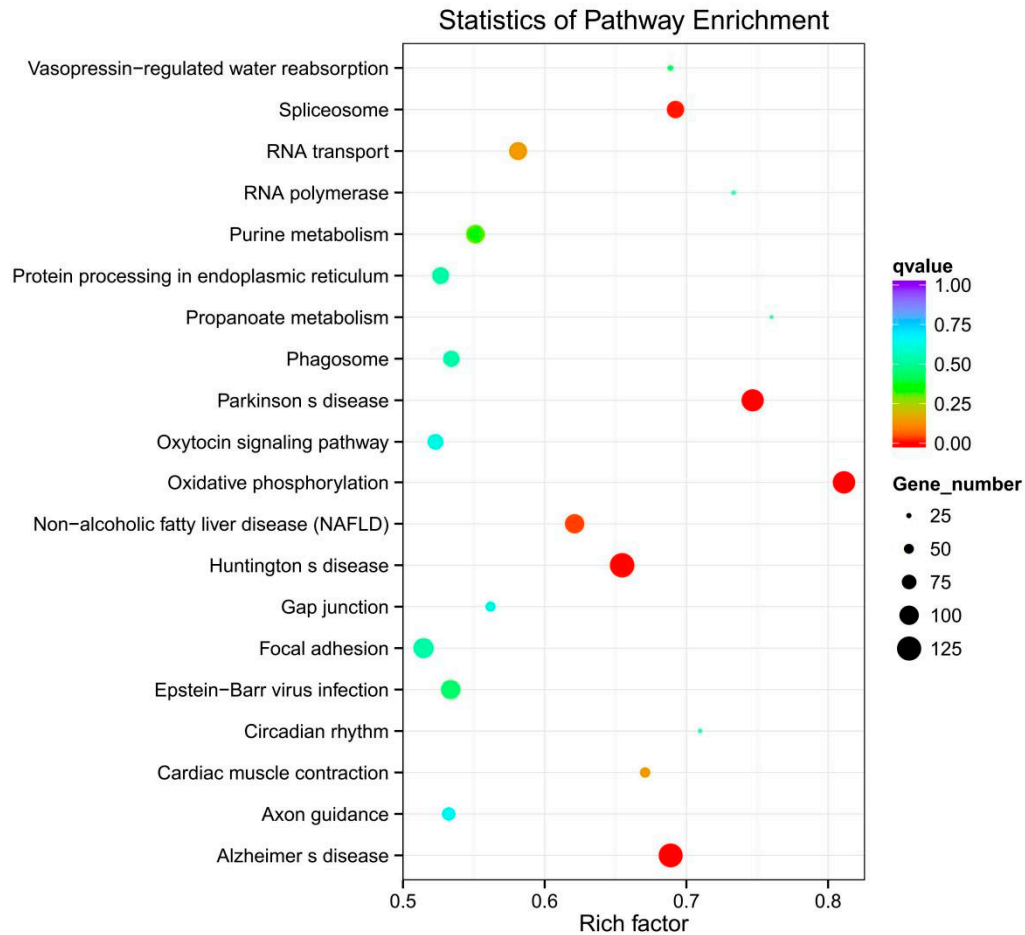
† These authors contributed equally to the work.

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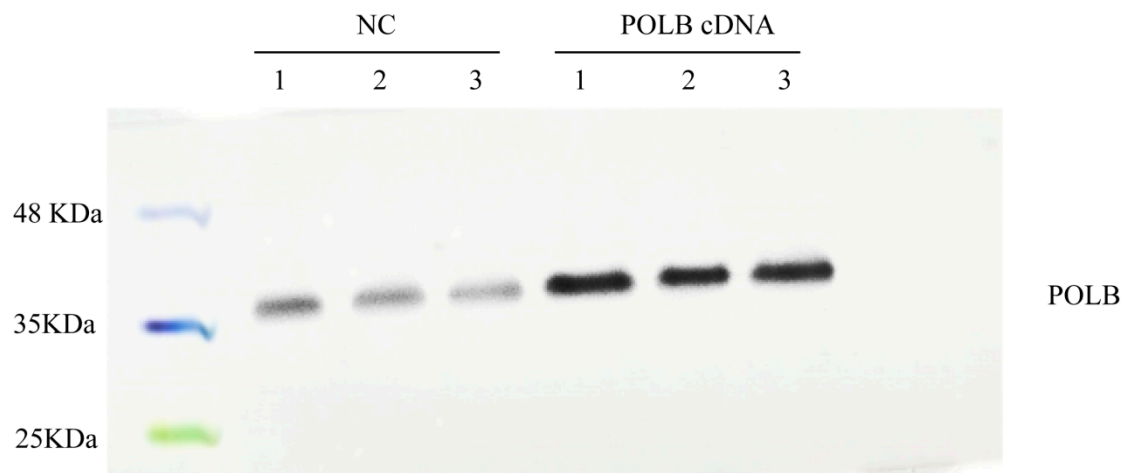
**Figure S1.GO enrichment results**

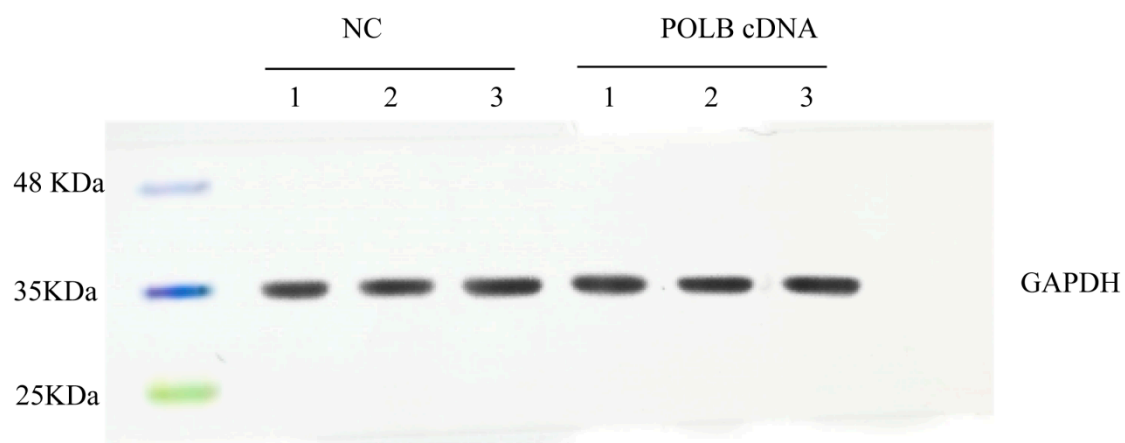
Note: BP represents biological processes, CC represents cellular components, and MF represents molecular functions.



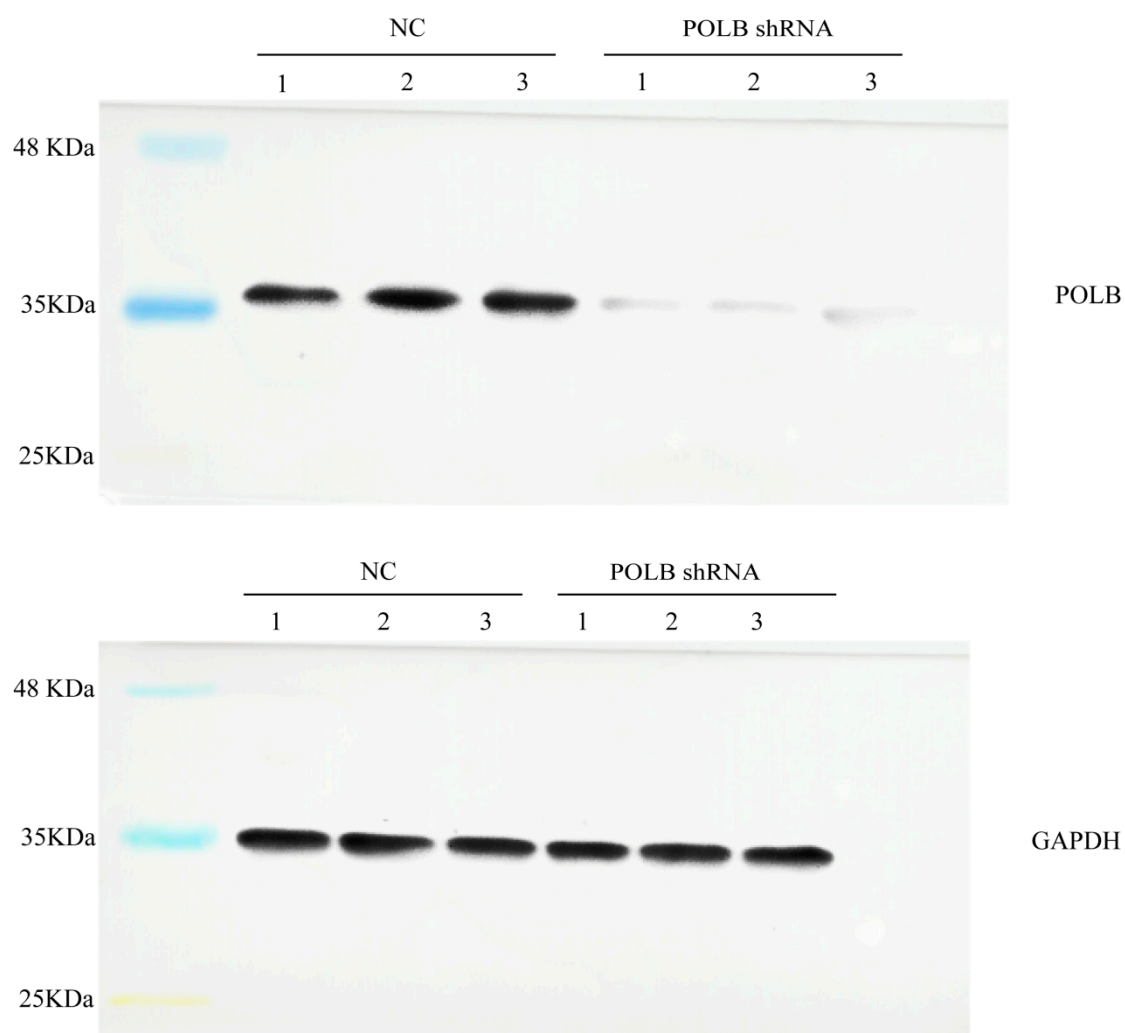
**Figure S2.KEGG Pathway Enrichment Map**

Note: The size of the circle represents the number of genes enriched in the corresponding pathway, and the larger the circle, the more genes enriched in the pathway; The color represents the enrichment significance, the closer to red, the more remarkable.

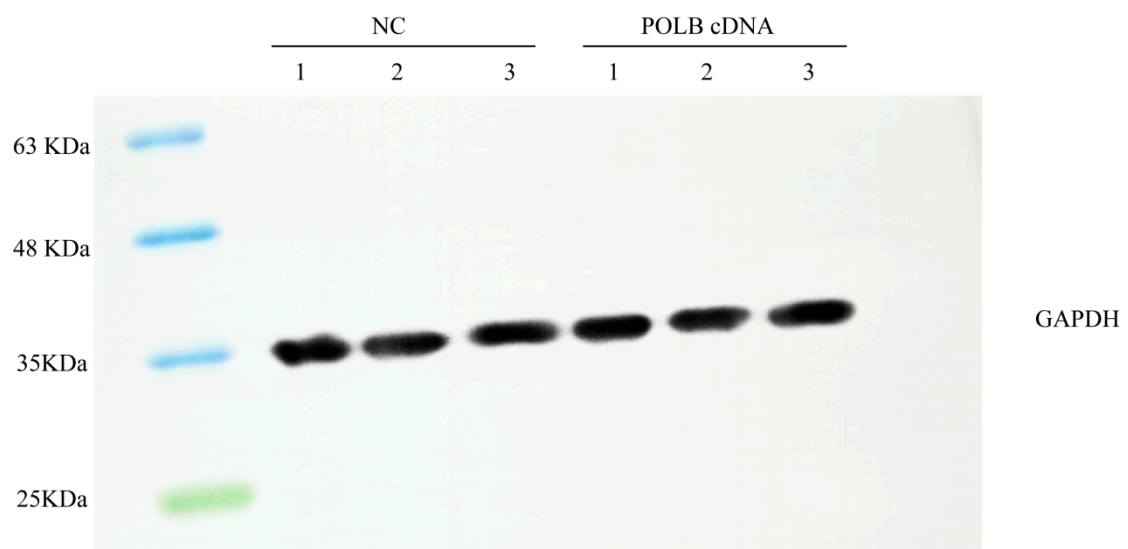
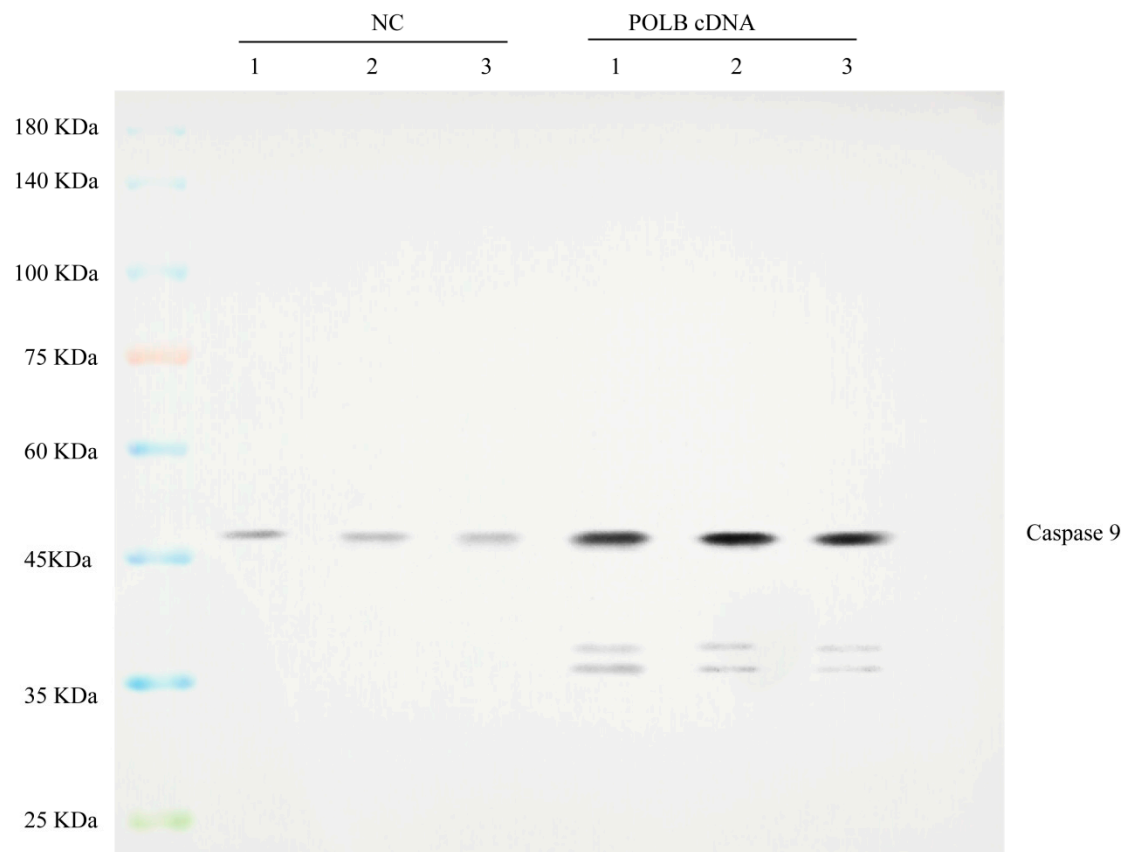




**Figure S3.** Expression changes of POLB and GAPDH proteins with a negative control (NC) and POLB cDNA construct in bovine primary myocytes.



**Figure S4.** Expression changes of POLB and GAPDH proteins with a negative control (NC) and POLB shRNA construct in bovine primary myocytes.



**Figure S5.** Expression changes of Caspase9 and GAPDH proteins with a negative control (NC) and POLB cDNA construct in bovine primary myocytes.