

# miR-99a-5p Regulates the Proliferation and Differentiation of Skeletal Muscle Satellite Cells by Targeting MTMR3 in Chicken

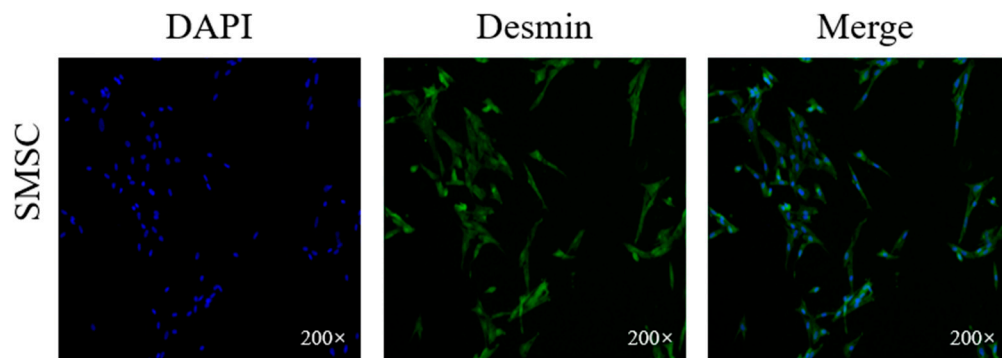
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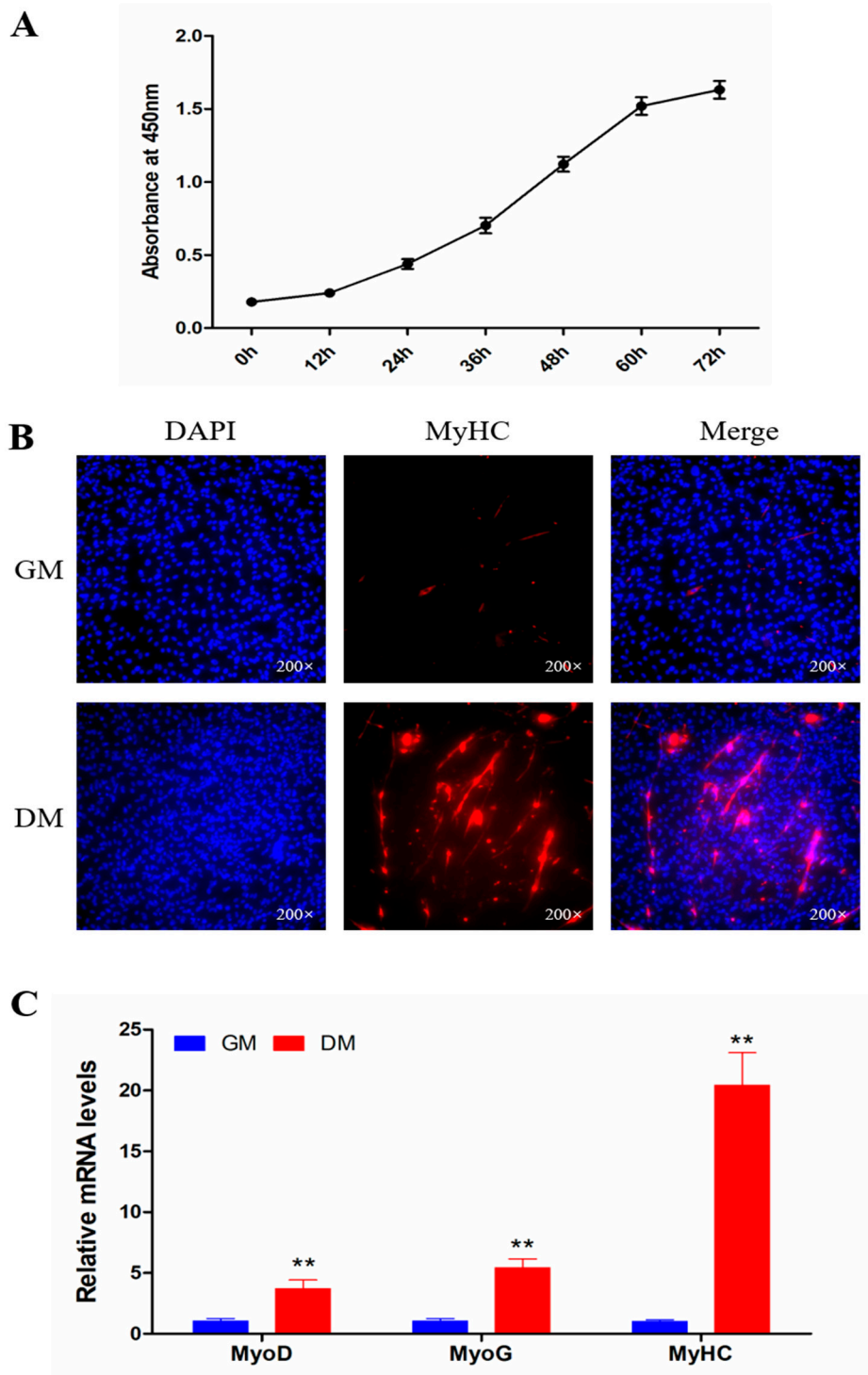
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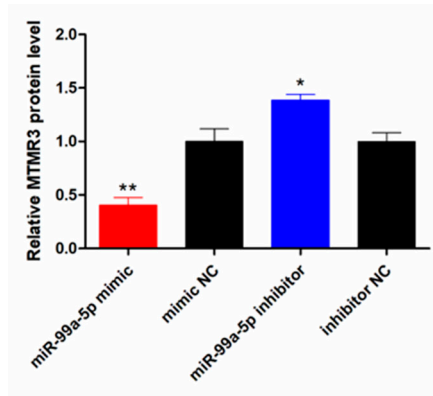
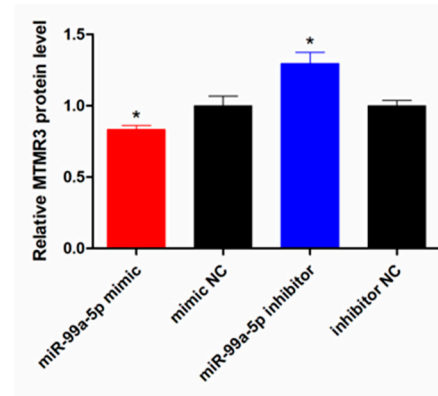
## Supplementary Figures



**Figure S1.** Desmin immunofluorescence staining of chicken SMSCs.



**Figure S2. (A)** CCK-8 assay results of chicken SMSCs which cultured in GM. **(B)** MyHC immunofluorescence staining of chicken SMSCs of which cultured in GM or DM. **(C)** The expression of three muscle cell differentiation marker genes in chicken SMSCs of which cultured in GM or DM.

**A****B**

**Figure S3.** (A) The relative protein level of MTMR3 in undifferentiated SMSCs after overexpression and inhibition of miR-99a-5p. (B) The relative protein level of MTMR3 in differentiated SMSCs after overexpression and inhibition of miR-99a-5p.