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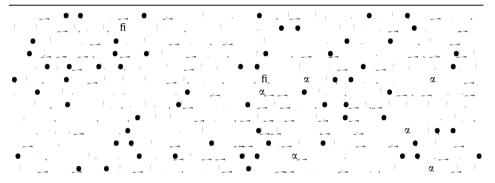
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Article history:



Keywords:

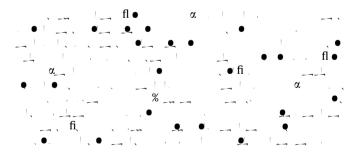
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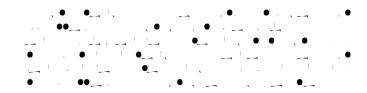
2.1. Generation of muscle-specific knockout AMPK α 2 mice



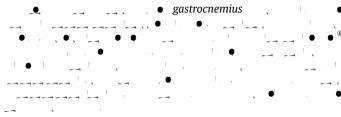
2.2. Food-intake measurement



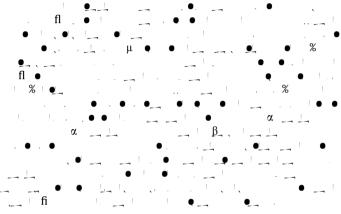
2.3. Glucose and insulin tolerance tests



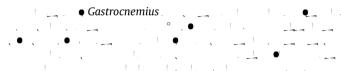
2.4. RNA extraction and RT-PCR



2.5. Western blotting analysis



2.6. Tissue triglyceride and FFA analysis



2.7. Metabolite measurements



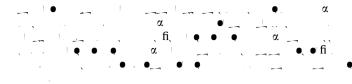
2.8. Statistical analysis



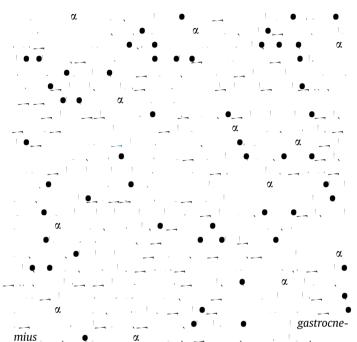
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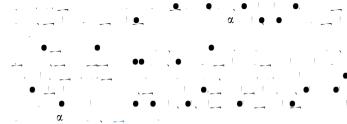
3.1. High-efficiency ablation of AMPK α 2 in skeletal muscle

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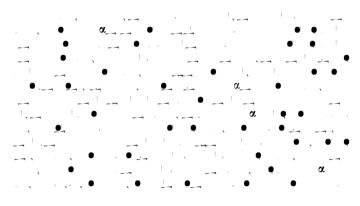


3.2. Physiological effects of muscle-specific knockout of AMPK α 2



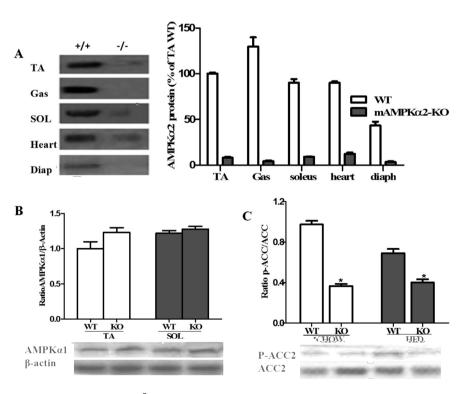


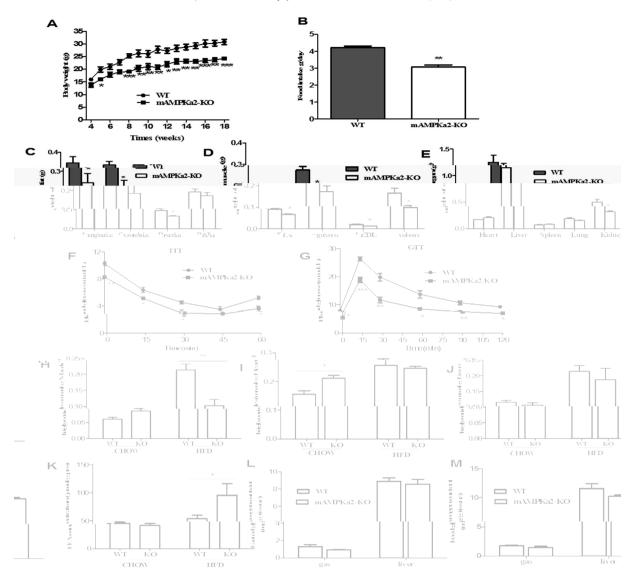
3.3. AMPK $\alpha 2$ ablation in muscle alters the expression of genes related to lipid metabolism



3.4. AMPK $\alpha 2$ knockout changes the expression of myokines in skeletal muscle



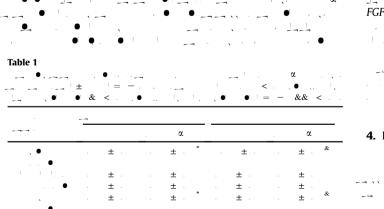




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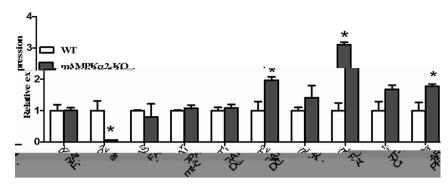


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• • interleukin-6 (IL-6 myostatin (MSTN)
FGF21 (fibroblast growth factor) Insl6_ CXCL1
• • FNDC5 myonectin •
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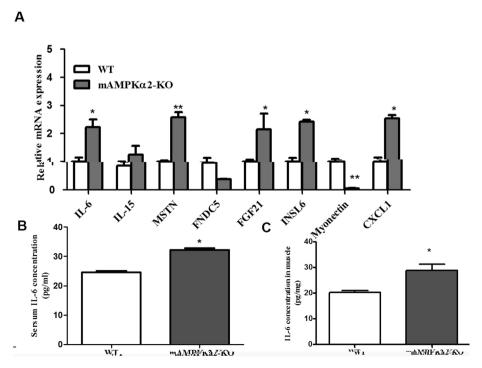


Fig. 4. , α ,

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