

The intestinal microbiota contributes to the growth and physiological state of muscle tissue in piglets

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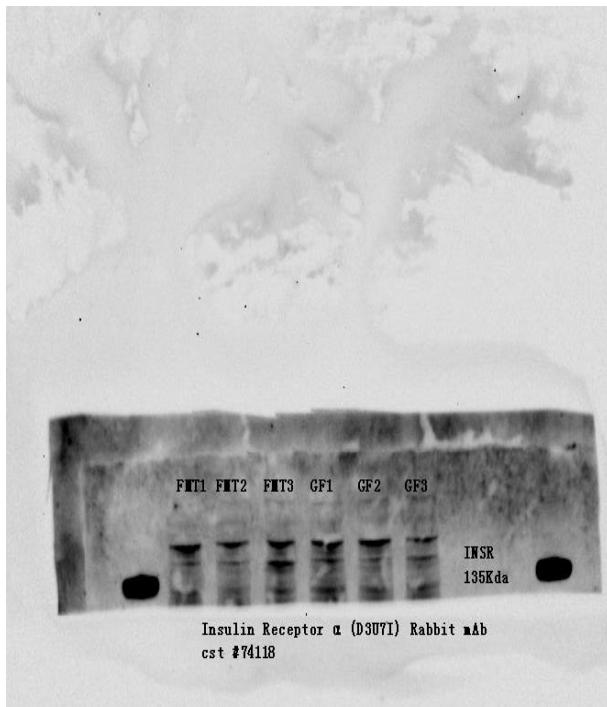
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Supplementary table 1. Sequences of qPCR primers

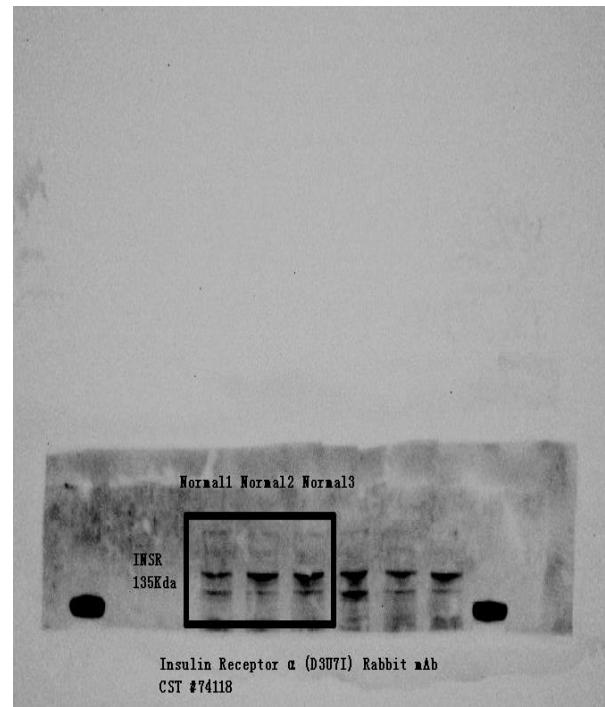
Gene	Sequence 5' → 3'
GPCR40	R: GCCGTGCTCTGCCCCATCTTG F: ACACTCAGGGCAGCCAGGAAG
GPCR41	R: CGCTGCTCAACTTCCTCGTCTG F: GTCTCCACTCGGGGCTTTGC
GPCR43	R: GCTGCTGCTGCTGCCCTTG F: TGCTGATGCCGCCAGGAG
Glut4	R: CAACCAGCCTATGCCACCATCG F: GCCCGTTCCACCAGCAACAC
CAT1	R: CATCAAAAATGGCAGCTCA F: TGGTAGCGATGCAGTCAAAG
CD36	R: TCGTGCCTATCCTCTGGCTT F: TTCTACCAGGCCAAGGAGGT
COX1	R: ATTATCCTGACGCATAACAGCA F: GCAGATACTTCTCGTTTGATGC
TFAM	R: GCTTATAAGGCAGACTGGCAG F: GACCATCCTTAGCTTCCTGAAA
MyHC1	R: AAGGGCTTGAACGAGGAGTAGA F: TTATTCTGCTTCCTCCAAAGGG
MyHC2A	R: GCTGAGCGAGCTGAAATCC F: ACTGAGACACCAGAGCTTCT
MyHC2B	R: ATGAAGAGGAACCACTTA F: TTATTGCCTCAGTAGCTTG
MyHC2X	R: AGAAGATCAACTGAGTGAAC F: AGAGCTGAGAAACTAACGTG
GAPDH	R: GAAGGTCGGAGTGAACGGAT F: CATGGGTAGAATCATACTGGAACA

Supplementary Figure 1: The full-length blots of Figure 3.

A. INSR

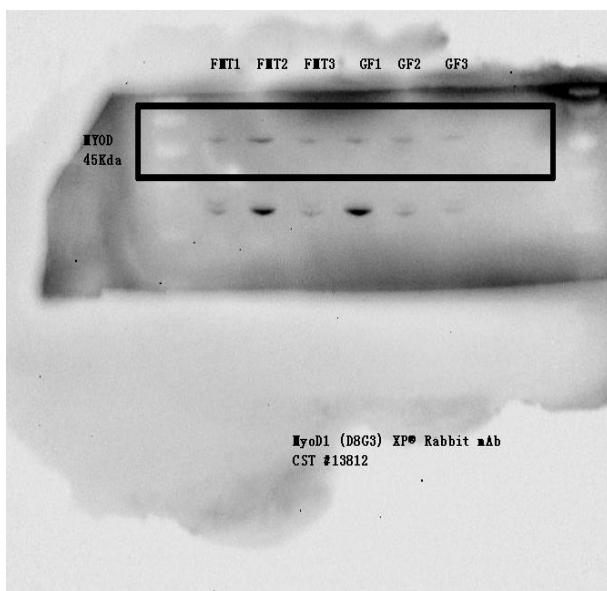


(GF Pigs and FMT pigs)

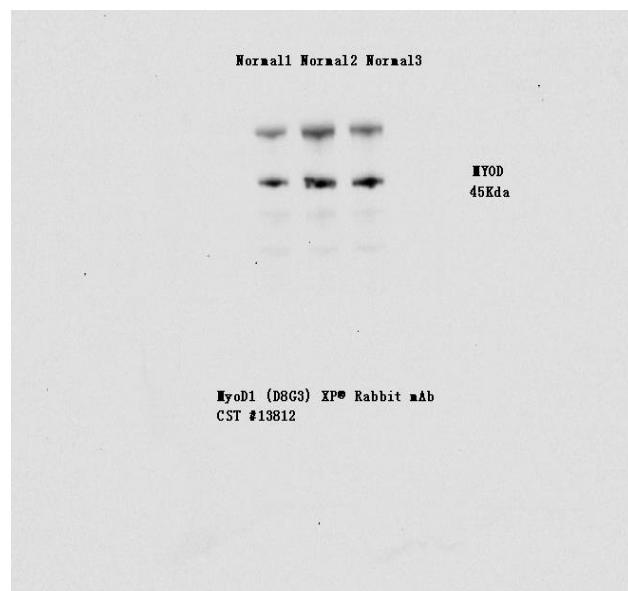


(Normal pigs)

B. MyoD

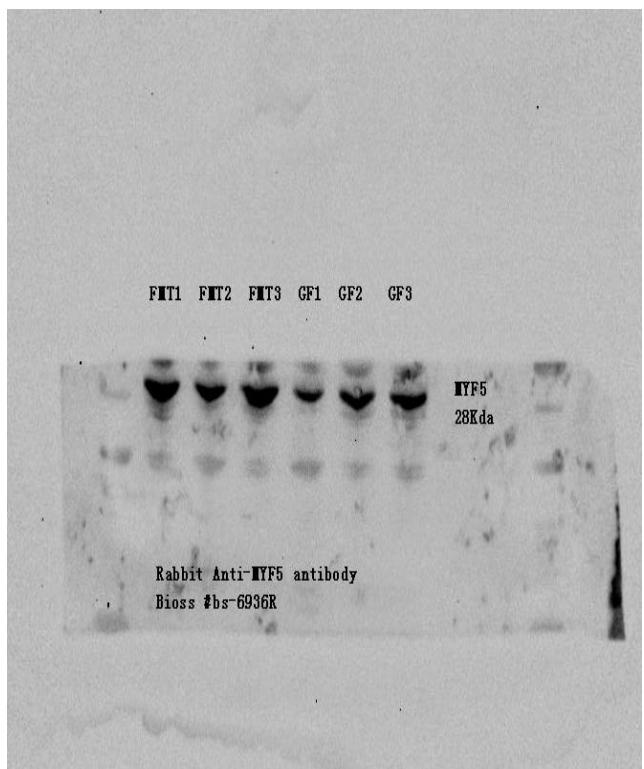


MyoD1 (D8G3) XP[®] Rabbit mAb
CST #13812

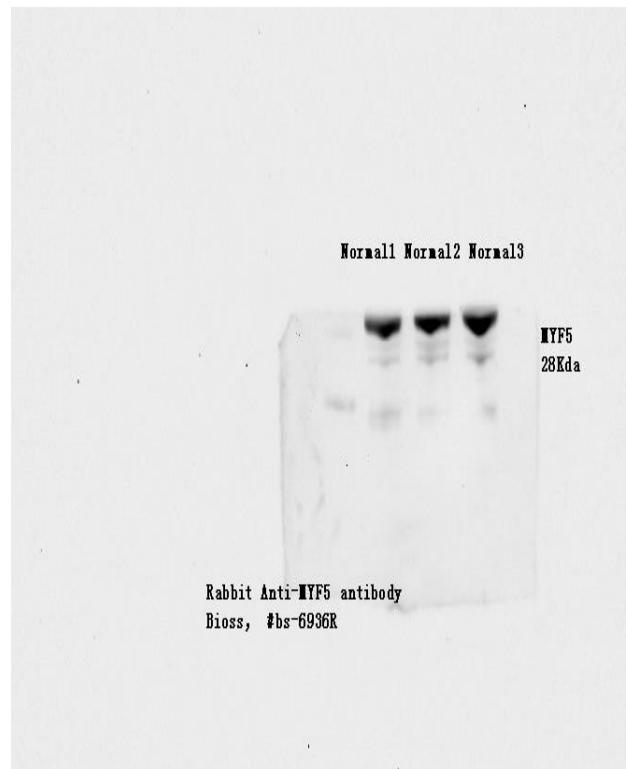


MyoD1 (D8G3) XP[®] Rabbit mAb
CST #13812

C. MYF5

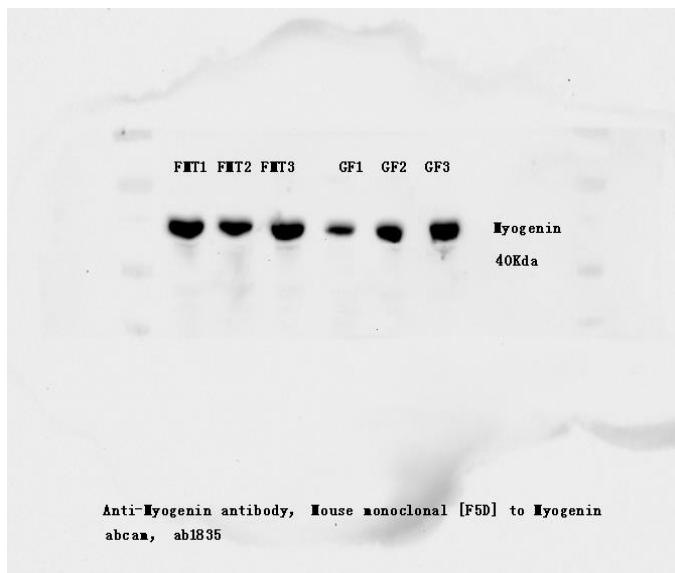


(GF Pigs and FMT pigs)

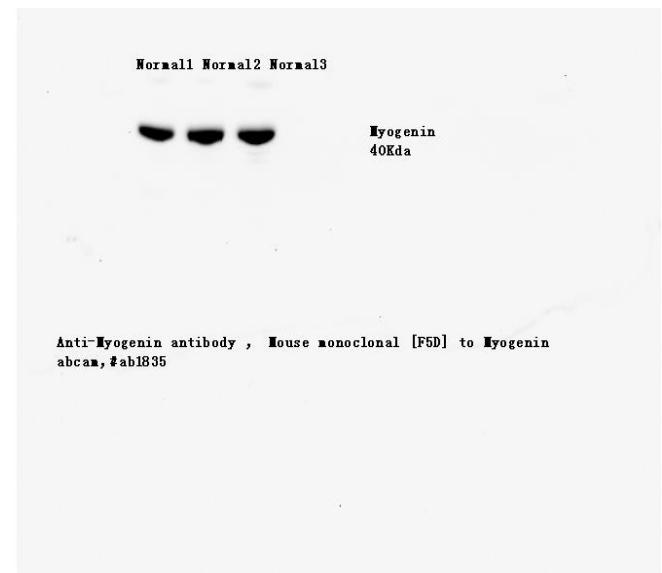


(Normal pigs)

D. Myogenin

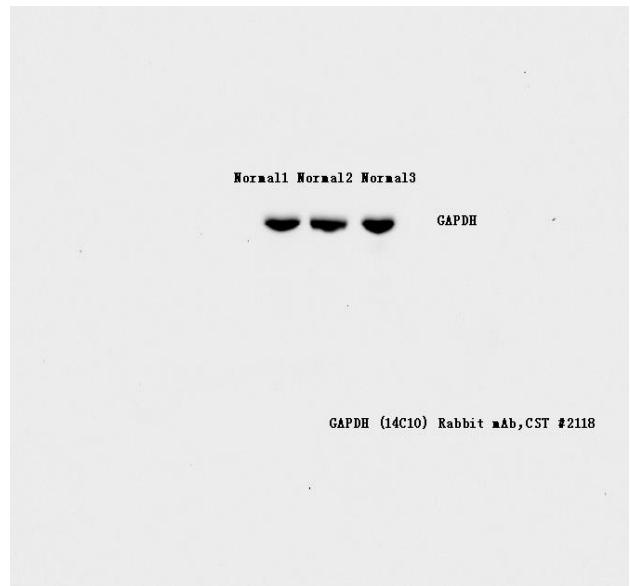


(GF Pigs and FMT pigs)



(Normal pigs)

E. GAPDH

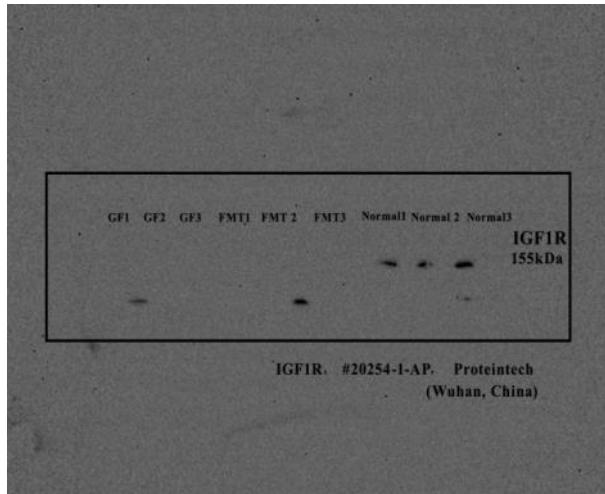


(GF Pigs and FMT pigs)

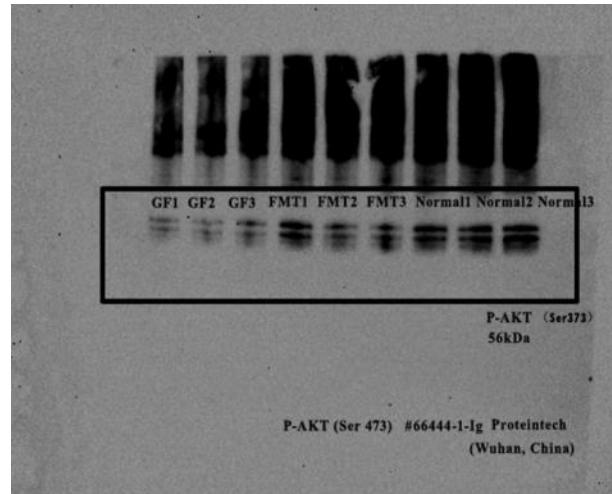
(Normal pigs)

Supplementary Figure 2: The full-length blots of Figure 6.

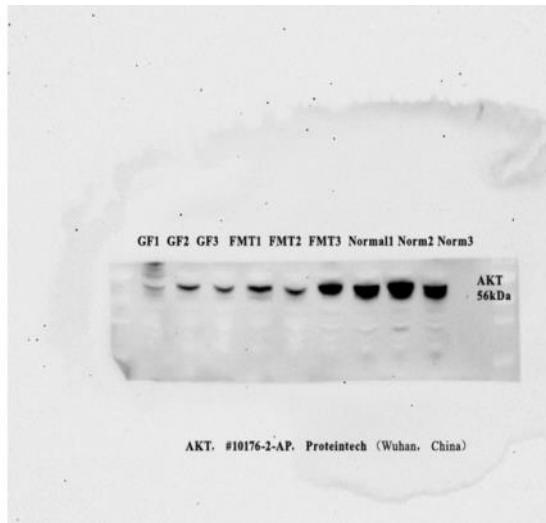
IGF1R



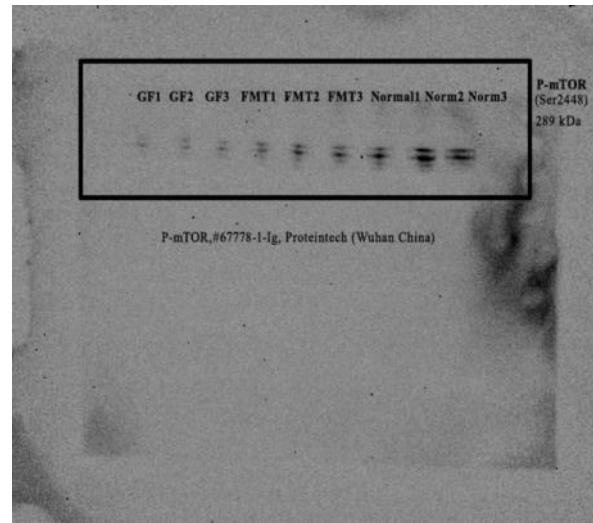
P-AKT



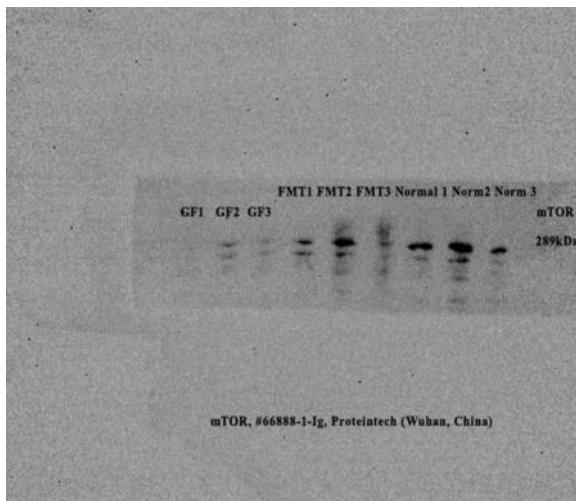
AKT



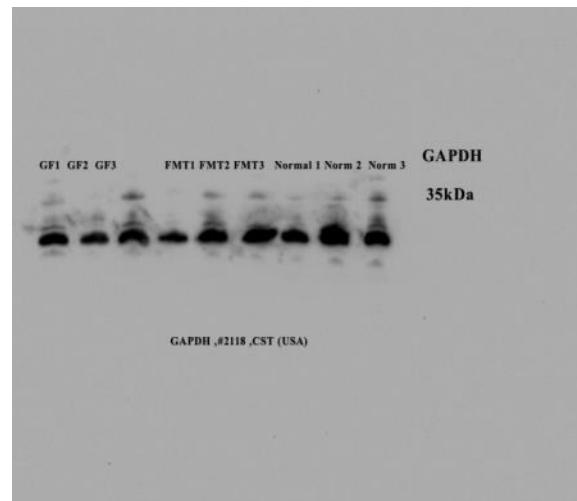
P-mTOR



mTOR

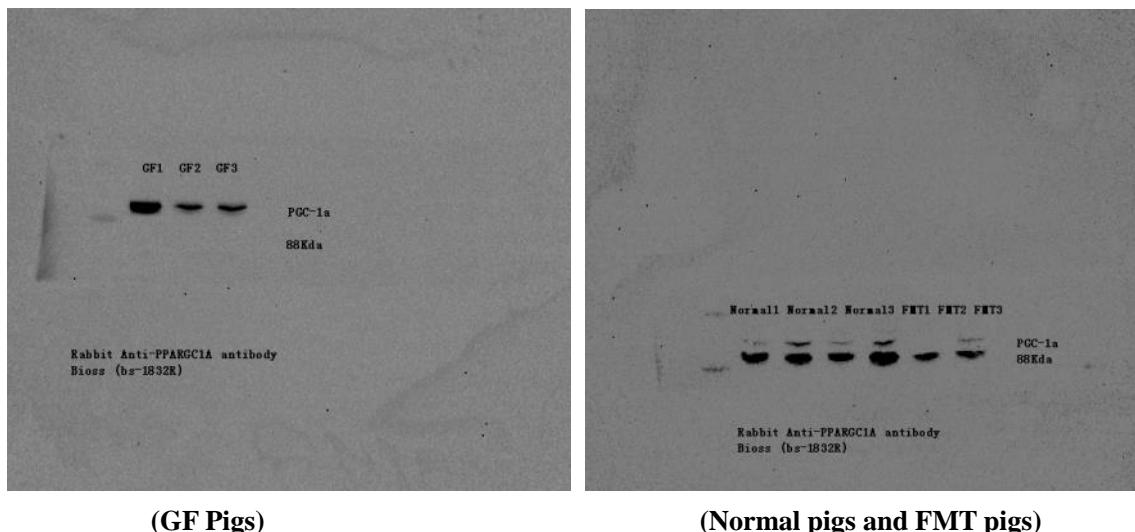


GAPDH



Supplementary Figure 3: The full-length blots of Figure 7.

A. PGC-1a



B. GAPDH

