

***ANKRD26* GENE DISRUPTION ENHANCES ADIPOGENESIS OF MOUSE  
EMBRYONIC FIBROBLASTS**

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Running title: Ankrd26 disruption enhanced adipogenesis

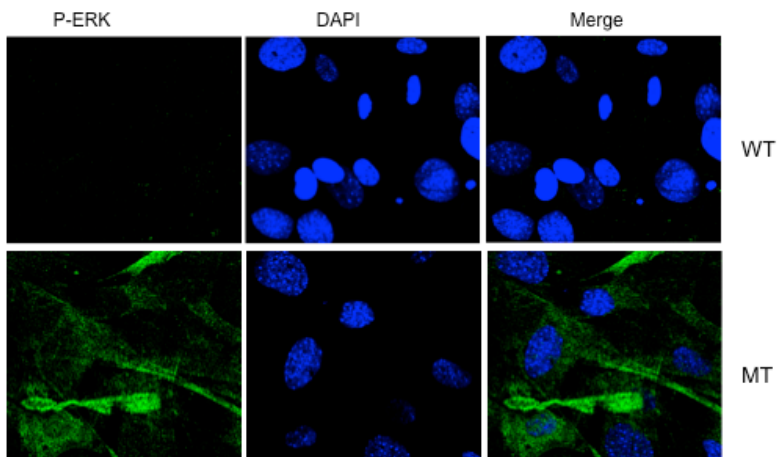
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**SUPPLEMENTAL MATERIAL**

**Supplemental Table 1. Primers used for real-time PCR**

GENE	DIRECTION	SEQUENCE
ap2	forward	AACTCGCGGCCCAATCCTATCCTG
	reverse	CTTTTGGCGCTGTTGTCCGTGTGG
C/EBP $\alpha$	forward	GGTGCGGGCAAAGCCAAGAAGT
	reverse	GCCCCGCAGCGTGTCCAGTT
C/EBP $\beta$	forward	GGCGCGAGCGCAACAACATC
	reverse	GCTCGGGCAGCTGCTTGAACAA
C/EBP $\delta$	forward	GCGCGAGCGCAACAACATC
	reverse	GCGCGTTACCGGCAGTCG
CD24	forward	ATGCCGCTATTGAATCTGCTGGAG
	reverse	TGCACTATGGCCTTATCGGTCAGA
CD29	forward	CAATGGCGTGTGCAGGTGTC
	reverse	ACGCCAAGGCAGGTCTGAC
CD34	forward	ACCGTCGCAGTTGGAGCCCTACAG
	reverse	TGCCCAACCAACCAATCACAGT
GATA2	forward	GTAGCCCGGGGTGAGGACAAGGAT
	reverse	GGCGGGCACATAGGAGGGATAGGT
KLF15	forward	CCAGCCGGCAGCCATAACCACA
	reverse	ATACCTCCACTGCCACCACCACTG
KLF5	forward	ATCTCACCCACCTCCGTCCTATG
	reverse	CGCTTCTCCAGATCCGGGTTACTC
Krox20	forward	TCGGCAGAAGGAACGGAAGAGCA
	reverse	CTGGGGCCTGGAGAAACTGGTGT
PPAR $\gamma$ 2	forward	TGCCTTGCTGTGGGGATGTCTC
	reverse	CCTCGCCTTGGCTTTGGTCAG
Pref-1	forward	AGCCCTCCTGCGCGTCCTCTT
	reverse	GAATTTCCCGTCCCAGCCATCCTT
Sca-1	forward	CTCCGGGCGGGCGACATCT
	reverse	CCCATACTCCGGCTTTTCTCC
$\beta$ -actin	forward	ACTTGCGGTGCACGATGGA
	reverse	TACCCAGGCATTGCTGACAGG

## Supplemental Figure 1



MEF cells of wild type (WT) or mutant (MT) were grown on cover slips under regular culture conditions for 10 days post-confluence. The cells were fixed and stained with anti-p-Erk antibody (green) and co-stained with DAPI (blue). Representative images were shown after confocal microscopy analysis.