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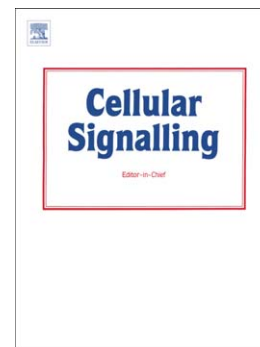
Mature miR-183, negatively regulated by transcription factor GATA3, promotes 3T3-L1 adipogenesis through inhibition of the canonical Wnt/ β -catenin signaling pathway by targeting *LRP6*

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**Mature miR-183, negatively regulated by transcription factor
GATA3, promotes 3T3-L1 adipogenesis through inhibition of the
canonical Wnt/ β -catenin signaling pathway by targeting *LRP6***

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Keywords: miR-183; preadipocyte differentiation; adipogenesis; canonical Wnt/ β -catenin signaling; GATA3.

Abbreviation: C/EBP α , β , δ , CCAAT/enhancer binding protein α , β , δ ; PPAR γ , peroxisome proliferator-activated receptor γ ; FAS, fatty acid synthase; ap2, adipocyte fatty acid binding protein; LRP5/6, low-density lipoprotein receptor-related protein 5/6; GSK3 β , glycogen synthetase kinase 3 β ; APC, adenomatous polyposis coli; CCND1, cyclin D1; siRNA, small interference RNA; LEF/TCF, lymphoid-enhancer-binding factor/T-cell-specific transcription factor; sp1, specific protein 1; GATA3, GATA binding protein 3; UTR, untranslated region; TSS, transcription start site; CDS, coding sequence; EST, expressed sequence tag.

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