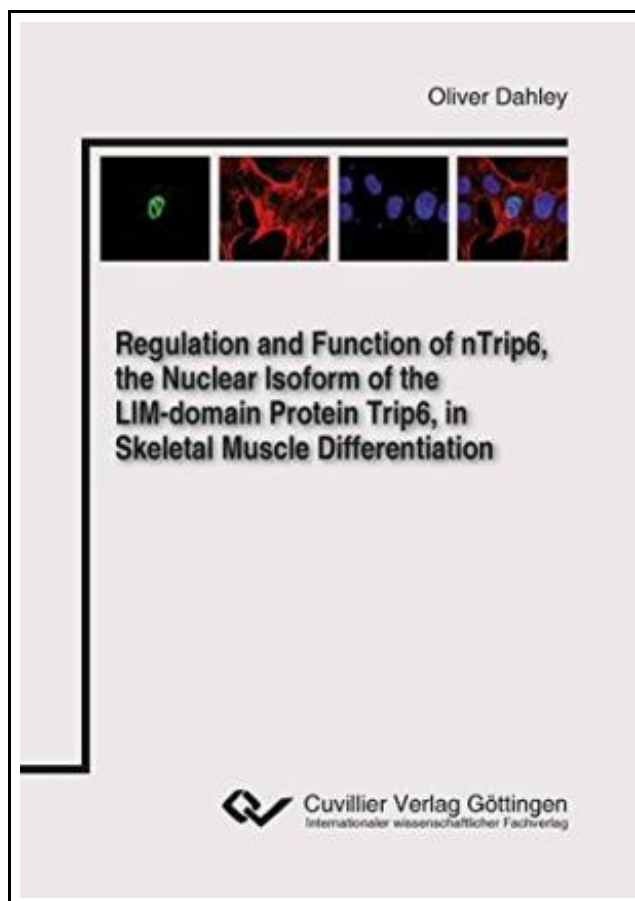# Regulation and Function of nTrip6, the Nuclear Isoform of the LIM-domain Protein Trip6, in Skeletal Muscle Differentiation

Filesize: 2.81 MB

Reviews

Very beneficial for all class of folks. Indeed, it can be perform, nevertheless an interesting and amazing literature. I discovered this ebook from my i and dad suggested this pdf to find out.
(Leatha Luettgen Sr.)

REGULATION AND FUNCTION OF NTRIP6, THE NUCLEAR ISOFORM OF THE LIM-DOMAIN PROTEIN TRIP6, IN SKELETAL MUSCLE DIFFERENTIATION

Cuvillier Verlag Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 212x147x7 mm. Neuware - Muscle tissue in higher vertebrates consists of slow twitch (type I) and fast twitch (type II) muscle fibers. This fiber type identity is determined by the set of genes, either type I/slow or type II/fast that the fiber expresses. One of the main transcription factors controlling fiber type identity is Mef2c, which drives the expression of type I/slow genes. However, Mef2c is expressed in both type I/slow and type II/fast fibers. Thus, its activity needs to be differentially regulated in the two different fiber types. Here I report that nTrip6, the nuclear isoform of the LIM-domain protein Trip6, acts as a co-repressor for Mef2c. nTrip6 interacted with Mef2c, it was recruited to Mef2c target promoters, and it repressed Mef2c activity. This novel function of nTrip6 plays a crucial role in the determination of the type II/fast identity. This work further supports the emerging concept that not only the regulation of the expression of transcription factors, but also of transcriptional co-regulators, is essential for the temporal control of gene expression. 89 pp. Englisch.

📄 Read Regulation and Function of nTrip6, the Nuclear Isoform of the LIM-domain Protein Trip6, in Skeletal Muscle Differentiation Online

📄 Download PDF Regulation and Function of nTrip6, the Nuclear Isoform of the LIM-domain Protein Trip6, in Skeletal Muscle Differentiation

Other PDFs

Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Save PDF »]

Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Save PDF »]

Adobe Indesign CS/Cs2 Breakthroughs

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and...

[Save PDF »]

Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Save PDF »]

Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Save PDF »]