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Brown preadipocyte IRS knockout profiling 1 - Study GBCO2330**Genomics Study Specifications**

Study Name	Brown preadipocyte IRS knockout profiling 1
Contact Name	Ronald C Kahn (Joslin Diabetes Center and Harvard Medical School)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/15895078
My Strategies	Return to My Strategies page
Classification	Cell differentiation
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	February 20, 2006
Public Release Date	February 20, 2006
Citation	Tseng YH, Butte AJ, Kokkotou E, Yechoor VK, Taniguchi CM, Kriauciunas KM, Cypess AM, Niinobe M, Yoshikawa K, Patti ME, Kahn CR. Prediction of preadipocyte differentiation by gene expression reveals role of insulin receptor substrates and neclin . Nat Cell Biol. 2005. 7:601-11

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

Brown preadipocytes were grown to confluence and synchronized by overnight serum starvation. Four independent RNA samples were analyzed from each IRS KO cell line and three independent clones of WT cells were separately analyzed as controls. Splitting of the samples resulted in a total 28 microarrays. 15 mg of adjusted cRNA were hybridized to Affymetrix U74A-v2 arrays.

Platform types	Expression microarray, Expression
Platforms	Show platform Affymetrix MG_U74A
Study Design Type	<ul style="list-style-type: none"> genetic_modification_design
Study Factors	Show study factors
Study Assays	Show study assays

Access to Study Data

This Study Data is publicly available to all users.

Gene List(s)

There are no gene lists currently available for this study.


Genome Browser

There are no genome browser tracks currently available for this study.


Lists of Locations

There are no genomic location datasets currently available for this study.

Access Status

 This resource is publicly viewable.


Request this Resource

 Request from a repository

Primary contributor: [Stoeckert Lab](#)

Resource Tags

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Resource History & Actions

Approved on Feb 20, 2006
Last modified on Aug 02, 2011

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No matching resources


Other Consortia

No matching resources

Data courtesy of [dkCOIN](#). Only public resources are displayed.

Repositories


Stoeckert Lab

 Request this resource

Stock #: *Not provided*
Availability Notes: *Not provided*

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