

My Account

Login
Create Account

Resources

View All (813)

Adenoviruses (137)

Antibodies (175)

Bioimages (67)

Genomics Studies (145)

mESC Lines (68)

Mouse Strains (120)

Miscellaneous (46)

Protocols (55)

Research Data (4)

Resource Tags (389)

Visualization (9)

Research & Cores

Core Facilities (5)

Research Highlights (5)

Research Networks

Research Objectives

Information

About the BCBC

BCBC Events

Branding & Logos

Career Opportunities

Health

NIH hESC Registry

Policies & Guidelines

Member Publications

Research Programs



Research Investigators

Member Directory

Tutorials

Fat and Normal adipocytes from insulin receptor knockout mice sorted into small and large cells - Study GBCO2333

Genomics Study Specifications

Study Name	Fat and Normal adipocytes from insulin receptor knockout mice sorted into small and large cells								
Contact Name	Ronald C Kahn (Joslin Diabetes Center and Harvard Medical School)								
Publication	http://www.ncbi.nlm.nih.gov/pubmed/15131119								
My Strategies	Return to My Strategies page								
Classification	Cell stimulation/injury								
Links	 Biomaterials Graph  ArrayExpress								
BCBC Release Date	April 13, 2009								
Public Release Date	April 13, 2009								
Citation	Blüher M, Patti ME, Gesta S, Kahn BB, Kahn CR. Intrinsic heterogeneity in adipose tissue of fat-specific insulin receptor knock-out mice is associated with differences in patterns of gene expression. J Biol Chem. 2004. 279:31891-901								
Synopsis	<div style="border: 1px solid gray; padding: 5px;"> <table border="1"> <tr> <td style="background-color: #e91e63; color: white;">Study Description</td> <td>Goals</td> </tr> <tr> <td>Approaches</td> <td>Results</td> <td>Conclusions</td> </tr> <tr> <td colspan="3">Related Studies</td> </tr> </table> <p>Mice with fat-specific disruption of the insulin receptor gene (FIRKO mice) have low fat mass, and are protected against obesity and obesity-related glucose intolerance. FIRKO mice also exhibit polarization of adipocytes into populations of large and small cells. Other PubMed identifiers for this study: 15131120,12110165,15131119</p> </div>	Study Description	Goals	Approaches	Results	Conclusions	Related Studies		
Study Description	Goals								
Approaches	Results	Conclusions							
Related Studies									
Platform types	Expression microarray, Expression								
Platforms	Show platform Affymetrix MG_U74A								
Study Design Type	<ul style="list-style-type: none"> cell_type_comparison_design 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

 Login to edit tags

 [Read more about tags](#)

Resource History & Actions

Approved on Apr 13, 2009
Last modified on Aug 02, 2011

 Login to edit or request an edit

Related resources

BCBC

No matching resources

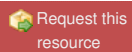
Other Consortia

No matching resources

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

Repositories

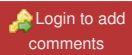
Stoeckert Lab



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

Comments

There are no comments for this entry.



[Home](#) · [Your Account](#) · [News & Events](#) · [Resources](#) · [Policies & Guidelines](#) · [About Us](#) · [FAQ](#) · [Site Map](#)

© 2002-2015 Beta Cell Biology Consortium - All Rights Reserved. [Terms of usage and disclaimer.](#)

