

**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**

<b>Study Name</b>	Fat and Normal adipocytes from insulin receptor knockout mice sorted into small and large cells								
<b>Contact Name</b>	<a href="#">Ronald C Kahn</a> (Joslin Diabetes Center and Harvard Medical School)								
<b>Publication</b>	<a href="http://www.ncbi.nlm.nih.gov/pubmed/15131119">http://www.ncbi.nlm.nih.gov/pubmed/15131119</a>								
<b>My Strategies</b>	<a href="#">Return to My Strategies page</a>								
<b>Classification</b>	Cell stimulation/injury								
<b>Links</b>	 <a href="#">Biomaterials Graph</a>  <a href="#">ArrayExpress</a>								
<b>BCBC Release Date</b>	April 13, 2009								
<b>Public Release Date</b>	April 13, 2009								
<b>Citation</b>	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								
<b>Synopsis</b>	<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									
<b>Platform types</b>	Expression microarray, Expression								
<b>Platforms</b>	<a href="#">Show platform Affymetrix MG_U74A</a>								
<b>Study Design Type</b>	<ul style="list-style-type: none"> <li>cell_type_comparison_design</li> <li>genetic_modification_design</li> </ul>								
<b>Study Factors</b>	<a href="#">Show study factors</a>								
<b>Study Assays</b>	<a href="#">Show study assays</a>								

**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

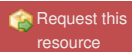
**Other Consortia**

No matching resources

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

## Repositories

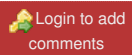
Stoeckert Lab



**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.](#)

