

**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

**Panc-1 Cell Differentiation - Study GBCO670****Genomics Study Specifications**

<b>Study Name</b>	Panc-1 Cell Differentiation
<b>Contact Name</b>	<a href="#">Marvin Gershengorn</a> (NIDDK Intramural)
<b>Publication</b>	Not provided
<b>My Strategies</b>	<a href="#">Return to My Strategies page</a>
<b>Classification</b>	Cell differentiation; Differentiation of insulin-producing cells
<b>Links</b>	<a href="#">Biomaterials Graph</a> <a href="#">ArrayExpress</a>
<b>BCBC Release Date</b>	December 02, 2003
<b>Public Release Date</b>	December 02, 2003
<b>Citation</b>	<i>unavailable</i>

**Synopsis**

<b>Study Description</b>	Goals	
Approaches	Results	Conclusions
Related Studies		

This study (Experiment) consists of 16 arrays. The purpose of our microarray experiment was to assess changes in gene expression during this differentiation program. The basic experiment was to compare gene expression in control cells cultured in SCM and in cells that had been cultured in SFM for 24 hours. Three biological replicates were prepared for each condition and one of the biological replicates was analyzed by microarray in triplicate, for a total of 5 array hybridizations for each time point. In the specific case of Affymetrix arrays, duplicate biological samples were also prepared from cells that had been exposed to SFM for 8 hours, 3 days, and 8 days.

<b>Platform types</b>	Expression microarray, Expression
<b>Platforms</b>	<a href="#">Show platform Affymetrix HG_U95A</a>
<b>Study Design Type</b>	<ul style="list-style-type: none"> <li>development_or_differentiation_design</li> <li>growth_condition_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)**

Use the following form(s) to refine the parameters and add the gene list to a strategy:

[Serum free 24HR versus conditioned media - Human Pancreatic Ductal Tumor Cell Line \(Panc-1\)](#)

**Access Status**

 This resource is publicly viewable.

**Request this Resource**

 Request from a repository

Primary contributor: [Stoeckert Lab](#)

**Resource Tags**

differentiation

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**Resource History & Actions**

Approved on Dec 02, 2003  
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.

|Fold Change| Greater Than:

Confidence Level: High Confidence  All Results

*For a microarray experiment a result with high confidence has a confidence level of at least 80%.*

*For a ChIP-chip experiment a result with high confidence has a confidence level of at least 90% and all fold changes are positive.*

Reference (Denominator): C samples

[Find Genes](#)

### 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.*

### Repositories

#### Stoeckert Lab

 [Request this resource](#)

**Stock #:** *Not provided*

**Availability Notes:** *Not provided*

### Comments

*There are no comments for this entry.*

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