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## Identification of novel cytokine induced genes in rat pancreatic beta-cells - Study GBCO2021

### Genomics Study Specifications

<b>Study Name</b>	Identification of novel cytokine induced genes in rat pancreatic beta-cells
<b>Contact Name</b>	<a href="#">Decio L. Eizirik</a> (Universite Libre de Bruxelles)
<b>Publication</b>	<a href="http://www.ncbi.nlm.nih.gov/pubmed/11334433">http://www.ncbi.nlm.nih.gov/pubmed/11334433</a>
<b>My Strategies</b>	<a href="#">Return to My Strategies page</a>
<b>Classification</b>	Islet/beta-cell stimulation/injury; Cell stimulation/injury
<b>Links</b>	 <a href="#">Biomaterials Graph</a>  <a href="#">ArrayExpress</a>
<b>BCBC Release Date</b>	October 19, 2005
<b>Public Release Date</b>	October 19, 2005
<b>Citation</b>	Cardozo AK, Kruhøffer M, Leeman R, Orntoft T, Eizirik DL. <a href="#">Identification of novel cytokine-induced genes in pancreatic beta-cells by high-density oligonucleotide arrays</a> . <i>Diabetes</i> . 2001. 50:909-20
<b>Synopsis</b>	<div style="border: 1px solid gray; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <div style="background-color: #e91e63; color: white; padding: 2px 5px; border-radius: 3px;">Study Description</div> <div>Goals</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="background-color: #e91e63; color: white; padding: 2px 5px; border-radius: 3px;">Approaches</div> <div>Results</div> <div style="background-color: #e91e63; color: white; padding: 2px 5px; border-radius: 3px;">Conclusions</div> </div> <div style="background-color: #e91e63; color: white; padding: 2px 5px; border-radius: 3px; margin-top: 5px; text-align: center;">Related Studies</div> </div> <p>Type 1 diabetes is an autoimmune disease resulting from the selective destruction of insulin-producing beta-cells. Beta cell culture for 6-9 days in the presence of IL-1beta and interferon (INF)-gamma leads to apoptosis. Primary rat beta-cells were FACS purified and exposed for 6 or 24 h to control condition, IL-1beta + INF-gamma, or IL-1beta alone (24 h only). The gene expression profile was analyzed by hybridization in duplicate to the Affymetrix RG U34A microarray.</p>
<b>Platform types</b>	Expression microarray, Expression
<b>Platforms</b>	<a href="#">Show platform Affymetrix RG-U34A</a>
<b>Study Design Type</b>	<ul style="list-style-type: none"> <li>● <code>compound_treatment_design</code></li> <li>● <code>time_series_design</code></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

### Access Status

 This resource is publicly viewable.

### Request this Resource

 Request from a repository

Primary contributor: [Stoekert Lab](#)

### Resource Tags

 Login to edit tags

 [Read more about tags](#)

### Resource History & Actions

Approved on Oct 19, 2005  
Last modified on Jan 17, 2012

 Login to edit or request an edit

### Related resources

#### BCBC

*No matching resources*

#### Other Consortia

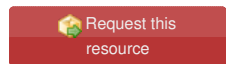
*No matching resources*

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

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

## Repositories

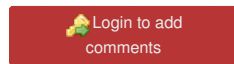
Stoeckert Lab



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

## Comments

*There are no comments for this entry.*



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