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

Genomics Study Specifications

Study Name	Identification of novel cytokine induced genes in rat pancreatic beta-cells
Contact Name	Decio L. Eizirik (Universite Libre de Bruxelles)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/11334433
My Strategies	Return to My Strategies page
Classification	Islet/beta-cell stimulation/injury; Cell stimulation/injury
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	October 19, 2005
Public Release Date	October 19, 2005
Citation	Cardozo AK, Kruhøffer M, Leeman R, Orntoft T, Eizirik DL. Identification of novel cytokine-induced genes in pancreatic beta-cells by high-density oligonucleotide arrays . <i>Diabetes</i> . 2001. 50:909-20

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

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.

Platform types	Expression microarray, Expression
Platforms	Show platform Affymetrix RG-U34A
Study Design Type	<ul style="list-style-type: none"> compound_treatment_design time_series_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

Access Status

 This resource is publicly viewable.

Request this Resource

 [Request from a repository](#)

Primary contributor: [Stoekert Lab](#)

Resource Tags

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Resource History & Actions

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

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Related resources

BCBC

No matching resources

Other Consortia

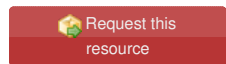
No matching resources

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

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

Repositories

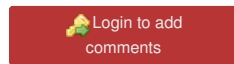
Stoeckert Lab



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

Comments

There are no comments for this entry.



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