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Cytokine-induced and nuclear factor-kappa B-dependent genes in primary rat beta-cells - Study GBCO2020

Genomics Study Specifications

Study Name	Cytokine-induced and nuclear factor-kappa B-dependent genes in primary rat beta-cells
Contact Name	Decio L. Eizirik (Universite Libre de Bruxelles)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/11687580
My Strategies	Return to My Strategies page
Classification	Cell stimulation/injury; Islet/beta-cell stimulation/injury
Links	Biomaterials Graph ArrayExpress
BCBC Release Date	October 19, 2005
Public Release Date	October 19, 2005
Citation	Cardozo AK, Heimberg H, Heremans Y, Leeman R, Kutlu B, Kruhøffer M, Ørntoft T, Eizirik DL. A comprehensive analysis of cytokine-induced and nuclear factor-kappa B-dependent genes in primary rat pancreatic beta-cells. J Biol Chem. 2001. 276:48879-86
Synopsis	Study Description | Goals | Approaches | Results | Conclusions | Related Studies Type 1 diabetes mellitus results from an autoimmune destruction of pancreatic beta-cells. Based on findings suggesting NF-kappa B plays a role in beta cell apoptosis, we blocked NF-kappa B activation in cytokine-exposed FACS sorted beta cells by a recombinant adenovirus (AdI kappa B((SA)2)) containing an inhibitor of NF kappa B alpha (I kappa Bac) super-repressor (S32A/S36A). The expression profile was then analyzed with the Affymetrix RG U34a microarray.
Platform types	Expression, Expression microarray
Platforms	Show platform Affymetrix RG-U34A
Study Design Type	• cellular_modification_design • compound_treatment_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.

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository

Primary contributor: Stoeckert Lab

Resource Tags

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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.

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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