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

PANDER Induced Cell-Death Networks in Pancreatic Islets - Study GBCO2301

Genomics Study Specifications

Study Name	PANDER Induced Cell-Death Networks in Pancreatic Islets
Contact Name	Bryan A. Wolf (Childrens Hospital of Philadelphia)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/16412588
My Strategies	Return to My Strategies page
Classification	Cell stimulation/injury; Islet/beta-cell stimulation/injury
Links	Biomaterials Graph ArrayExpress
BCBC Release Date	February 06, 2006
Public Release Date	February 06, 2006
Citation	Burkhardt BR, Greene SR, White P, Wong RK, Brestelli JE, Yang J, Robert CE, Brusko TM, Wasserfall CH, Wu J, Atkinson MA, Gao Z, Kaestner KH, Wolf BA. PANDER-induced cell-death genetic networks in islets reveal central role for caspase-3 and cyclin-dependent kinase inhibitor 1A (p21). Gene. 2006. 369:134-41
Synopsis	Study Description | Goals | Approaches | Results | Conclusions | Related Studies Expression profiling using the mouse PancChip version 5.0 was used to elucidate the genetic mechanisms of PANDER-induced cell death in Pancreatic Islets. Murine islets were treated with PANDER for 48 or 72 h (n=4 and n=3 respectively). Following linear amplification, the RNA was matched for purity using Quantitative PCR.
Platform types	Expression microarray, Expression
Platforms	Show platform Mouse PancChip
Study Design Type	• 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)

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

PANDER Treated versus Untreated - Mouse Islets 48HR

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository

Primary contributor: Kaestner Lab

Resource Tags

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Resource History & Actions

Approved on Feb 06, 2006
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.

|Fold Change| Greater Than: 1.5

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): 48HR Untreated Samples

Find Genes

PANDER Treated versus Untreated - Mouse Islets 72HR

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

Kaestner Lab

Request this resource

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

Comments

There are no comments for this entry.

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