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

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**PANDER Induced Cell-Death Networks in Pancreatic Islets - Study GBCO2301****Genomics Study Specifications**

<b>Study Name</b>	PANDER Induced Cell-Death Networks in Pancreatic Islets								
<b>Contact Name</b>	<a href="#">Bryan A. Wolf</a> (Childrens Hospital of Philadelphia)								
<b>Publication</b>	<a href="http://www.ncbi.nlm.nih.gov/pubmed/16412588">http://www.ncbi.nlm.nih.gov/pubmed/16412588</a>								
<b>My Strategies</b>	<a href="#">Return to My Strategies page</a>								
<b>Classification</b>	Cell stimulation/injury; Islet/beta-cell stimulation/injury								
<b>Links</b>	 <a href="#">Biomaterials Graph</a>  <a href="#">ArrayExpress</a>								
<b>BCBC Release Date</b>	February 06, 2006								
<b>Public Release Date</b>	February 06, 2006								
<b>Citation</b>	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. <a href="#">PANDER-induced cell-death genetic networks in islets reveal central role for caspase-3 and cyclin-dependent kinase inhibitor 1A (p21)</a> . <i>Gene</i> . 2006. 369:134-41								
<b>Synopsis</b>	<div style="border: 1px solid gray; padding: 5px;"> <table border="1"> <tr> <td><b>Study Description</b></td> <td>Goals</td> </tr> <tr> <td>Approaches</td> <td>Results</td> <td>Conclusions</td> </tr> <tr> <td colspan="3">Related Studies</td> </tr> </table> <p>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.</p> </div>	<b>Study Description</b>	Goals	Approaches	Results	Conclusions	Related Studies		
<b>Study Description</b>	Goals								
Approaches	Results	Conclusions							
Related Studies									
<b>Platform types</b>	Expression microarray, Expression								
<b>Platforms</b>	<a href="#">Show platform Mouse PancChip</a>								
<b>Study Design Type</b>	<ul style="list-style-type: none"> <li>compound_treatment_design</li> <li>time_series_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:

[PANDER Treated versus Untreated - Mouse Islets 48HR](#)

**Access Status**

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Primary contributor: [Kaestner Lab](#)


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Approved on Feb 06, 2006  
Last modified on Jan 17, 2012

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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):

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**

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**Stock #:** *Not provided*

**Availability Notes:** *Not provided*

## Comments

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