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## Gene expression profiling of wild-type, Nkx2.2 null, NeuroD null and Nkx2.2/NeuroD double KO E13.5 pancreata - Study GBCO4263

**Genomics Study Specifications**

<b>Study Name</b>	Gene expression profiling of wild-type, Nkx2.2 null, NeuroD null and Nkx2.2/NeuroD double KO E13.5 pancreata								
<b>Contact Name</b>	<a href="#">Lori Susse</a> (Columbia University)								
<b>Publication</b>	Not provided								
<b>My Strategies</b>	<a href="#">Return to My Strategies page</a>								
<b>Classification</b>	Targets and roles of transcriptional regulators; Pancreas development and growth								
<b>Links</b>	 <a href="#">Biomaterials Graph</a>  <a href="#">ArrayExpress</a>								
<b>BCBC Release Date</b>	July 29, 2011								
<b>Public Release Date</b>	July 16, 2013								
<b>Citation</b>	<i>unavailable</i>								
<b>Synopsis</b>	<div data-bbox="710 969 1088 1305" data-label="Complex-Block"> <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>The experiment consist of 16 one channel assays for analyzing embryonic pancreas at E13. There are four replicates per condition. We are looking at differential gene expression across four mouse lines: WT, Nkx2.2, NeuroD and Nkx2.2/NeuroD double mutants at E13.5.</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 Agilent Whole Mouse Genome Microarray 4x44K [G4122F]</a>								
<b>Study Design Type</b>	<ul style="list-style-type: none"> <li>individual_genetic_characteristics_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:

**Access Status**

 This resource is publicly viewable.


**Request this Resource**

 Request from a repository

Primary contributor: [Susse Lab](#)


**Resource Tags**

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**Resource History & Actions**

Approved on Jul 29, 2011  
Last modified on Apr 15, 2014

 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:

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): WT

[Find Genes](#)

- ▶ [Mouse E13.5 NeuroD null versus wild-type pancreata](#)
- ▶ [Mouse E13.5 Nkx2.2-NeuroD null versus wild-type pancreata](#)
- ▶ [Mouse E13.5 NeuroD null versus Nkx2.2 null pancreata](#)
- ▶ [Mouse E13.5 Nkx2.2-NeuroD null versus Nkx2.2 null pancreata](#)
- ▶ [Mouse E13.5 Nkx2.2-NeuroD null versus NeuroD null pancreata](#)

### 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

Sussel Lab

[Request this resource](#)

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

### Comments

*There are no comments for this entry.*

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