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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

Study Name	Gene expression profiling of wild-type, Nkx2.2 null, NeuroD null and Nkx2.2/NeuroD double KO E13.5 pancreata								
Contact Name	Lori Susse (Columbia University)								
Publication	Not provided								
My Strategies	Return to My Strategies page								
Classification	Targets and roles of transcriptional regulators; Pancreas development and growth								
Links	Biomaterials Graph ArrayExpress								
BCBC Release Date	July 29, 2011								
Public Release Date	July 16, 2013								
Citation	<i>unavailable</i>								
Synopsis	<div data-bbox="715 969 1088 1305"> <table border="1"> <tr> <td>Study Description</td> <td>Goals</td> </tr> <tr> <td>Approaches</td> <td>Results</td> </tr> <tr> <td colspan="2">Conclusions</td> </tr> <tr> <td colspan="2">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>	Study Description	Goals	Approaches	Results	Conclusions		Related Studies	
Study Description	Goals								
Approaches	Results								
Conclusions									
Related Studies									
Platform types	Expression microarray, Expression								
Platforms	Show platform Agilent Whole Mouse Genome Microarray 4x44K [G4122F]								
Study Design Type	<ul style="list-style-type: none"> individual_genetic_characteristics_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:

Mouse E13.5 Nkx2.2 null versus wild-type pancreata

Access Status

 This resource is publicly viewable.

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Primary contributor: [Susse Lab](#)

Resource Tags

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Resource History & Actions

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

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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](#)
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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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