

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

Transcriptional regulation of endocrine cell differentiation by Insm1 - Study GBCO4674

Genomics Study Specifications

Study Name	Transcriptional regulation of endocrine cell differentiation by Insm1								
Contact Name	Mark Magnuson (Vanderbilt 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	November 07, 2013								
Citation	<i>unavailable</i>								
Synopsis	<div data-bbox="710 907 1085 1310"> <table border="1"> <tr> <td>Study Description</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>This experiment used RNA-Seq technology to explore gene expression in mouse Insm1^{GFP/Pdx1^{CFP} HIGH [het/het]} FACS sorted pancreatic cells (pre-beta cells) and Insm1^{GFP/Pdx1^{CFP} LOW [het/het]} cells (other endocrine progenitors) at E15.5 and E18.5. Comparison of Insm1 +/-Pdx HIGH and Insm1 +/-Pdx LOW cells revealed a set of differentially expressed genes that are required for beta cell specification.</p> </div>	Study Description	Goals	Approaches	Results	Conclusions	Related Studies		
Study Description	Goals								
Approaches	Results	Conclusions							
Related Studies									
Platform types	Expression RNA-Seq, Expression								
Platforms	<i>Not available</i>								
Study Design Type	<ul style="list-style-type: none"> cell_type_comparison_design development_or_differentiation_design 								
Study Factors	Show study factors								
Study Assays	Show study assays								

Access to Study Data

To access the Study Data you must "Request this Resource" (below) and the supplier must fill your Request. Then Beta Cell Genomics will contact you with details on how to access the data.


Gene List(s)

To access this study's gene list(s) you must "Request this Resource" (below) and the supplier must fill your Request.


Repositories

Magnuson Lab	Request this resource	Stock #: <i>Not provided</i> Availability Notes: <i>Not provided</i>
Stoeckert Lab		Stock #: <i>Not provided</i>

Access Status

 This resource is publicly viewable.


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Primary contributor: [Magnuson Lab](#)

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Resource History & Actions

Approved on Nov 07, 2013
Last modified on Nov 19, 2013

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Availability Notes: *Not provided*

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