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Transcriptional profiling of Insm1-dependent pancreatic endocrine differentiation - Study GBCO4294

Genomics Study Specifications

Study Name	Transcriptional profiling of Insm1-dependent pancreatic endocrine differentiation							
Contact Name	Mark Magnuson (Vanderbilt University)							
Publication	Not provided							
My Strategies	Return to My Strategies page							
Classification	Pancreas development and growth; Targets and roles of transcriptional regulators							
Links	 Biomaterials Graph  ArrayExpress							
BCBC Release Date	December 13, 2011							
Citation	<i>unavailable</i>							
Synopsis	<div style="border: 1px solid gray; padding: 5px;"> <table border="1"> <tr> <td style="background-color: #f0f0f0;">Study Description</td> <td>Goals</td> </tr> <tr> <td>Approaches</td> <td>Results</td> <td>Conclusions</td> </tr> <tr> <td colspan="2">Related Studies</td> </tr> </table> <p>This experiment used RNA-Seq technology to explore gene expression in mouse Insm1^{GFP/+} [het] FACS sorted pancreatic cells at E15.5 (committed endocrine progenitor cells) and in Insm1^{GFP/GFP} [null] at E15.5 (defective endocrine progenitor cells). Comparison of Insm1 +/- and knockout cells revealed a set of differentially expressed genes that are required for the proper activation of hormone and endocrine function-related genetic programs.</p> </div>	Study Description	Goals	Approaches	Results	Conclusions	Related Studies	
Study Description	Goals							
Approaches	Results	Conclusions						
Related Studies								
Platform types	Expression, Expression RNA-Seq							
Platforms	<i>Not available</i>							
Study Design Type	<ul style="list-style-type: none"> genetic_modification_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 #: *Not provided*
Availability Notes: *Not provided*

Stoekert Lab**Access Status**

 This resource is publicly viewable.

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Primary contributor: [Magnuson Lab](#)

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Resource History & Actions

Approved on Dec 13, 2011
Last modified on Jan 17, 2012

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Related resources**BCBC**

No matching resources

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

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