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Research & Cores



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Transcriptional profiling of pancreatic developmental intermediates: definitive endoderm, foregut endoderm and pre-pancreatic progenitor cells - Study GBCO4534

Genomics Study Specifications

Study Name	Transcriptional profiling of pancreatic developmental intermediates: definitive endoderm, foregut endoderm and pre-pancreatic progenitor cells
Contact Name	Mark Magnuson (Vanderbilt University)
Publication	Not provided
My Strategies	Return to My Strategies page
Classification	Targets and roles of transcriptional regulators; Tissue expression, surveys and comparisons; Pancreas development and growth
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	November 06, 2012
Citation	<i>unavailable</i>

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

This experiment used RNA-Seq technology to examine transcription profiles of pancreatic developmental intermediates: 1) definitive endoderm (Sox17⁺GFP/+ [het] cells at E8.5, 8-10 somites); 2) foregut endoderm (Pdx1⁺CFP+-(het) cells at E9.5) and 3) Ptf1a-positive and Ptf1a-deficient pre-pancreatic endoderm progenitor cells (Ptf1a⁺YFP/+ (het) cells and Ptf1a⁺YFP/YFP (ko) cells at E10.5). We anticipate that these datasets will provide valuable new insights into the temporal, spatial and transcription factor-dependent gene expression in pancreatic and pre-pancreatic progenitor cells.

Platform types	Expression, Expression RNA-Seq
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**Access Status**

 This resource is publicly viewable.

Request this Resource

 Request from a repository

Primary contributor: [Magnuson Lab](#)


Resource Tags

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Resource History & Actions

Approved on Nov 06, 2012
Last modified on Nov 20, 2012

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No matching resources

Other Consortia

No matching resources


Data courtesy of [dkCOIN](#). Only public resources are displayed.

Magnuson Lab

 Request this resource

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


Stoekert Lab

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Comments

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