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

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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.

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 Request from a repository

Primary contributor: [Magnuson Lab](#)

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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


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

Magnuson Lab

 Request this resource

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


Stoeckert Lab

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

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