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

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Transcriptome profiling of human pancreatic cell lineage specification reveals functional signaling pathways and lncRNAs for cell fate determination - Study GBCO4594

Genomics Study Specifications

Study Name	Transcriptome profiling of human pancreatic cell lineage specification reveals functional signaling pathways and lncRNAs for cell fate determination
Contact Name	Yi Zhang (Harvard University)
Publication	Not provided
My Strategies	Return to My Strategies page
Classification	Cell differentiation; Tissue expression, surveys and comparisons
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	April 16, 2013
Citation	unavailable

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

To guide the beta cell differentiation process in vitro, a complete understanding of the transcriptome and their regulatory network during the differentiation process is essential. Using RNA-seq, we have performed the transcriptome profiling of human embryonic stem cells (ESCs), purified ESC-derivate definitive endoderm (DE), pancreatic progenitors (PP), as well as sorted human primary pancreatic alpha cells, beta cells and exocrine cells.

Platform types	Expression, Expression RNA-Seq
Platforms	Not available
Study Design Type	<ul style="list-style-type: none"> 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

Zhang Lab	Request this resource
Stock #:	Not provided
Availability Notes:	Not provided

Access Status

 This resource is publicly viewable.

Request this Resource

[Request from a repository](#)

Primary contributor: [Zhang Lab](#)

Resource Tags

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Resource History & Actions

Approved on Apr 16, 2013
Last modified on Apr 16, 2013

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Stoeckert Lab

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Stock #: *Not provided*
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