Transcriptional and epigenetic high throughput sequencing of human and mouse pancreatic islet-cells - Study GBCO4514

Genomics Study Specifications

Study Name
Transcriptional and epigenetic high throughput sequencing of human and mouse pancreatic islet-cells

Contact Name
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Publication

My Strategies
Return to My Strategies page

Classification
Tissue expression, surveys and comparisons

Links
Biomaterials Graph
ArrayExpress

BCBC Release Date
November 06, 2012

Public Release Date
November 06, 2012

Citation

Synopsis
The aim of this experiment was to obtain a detailed transcriptional landscape of human and mouse islet-cells, including strand information, as well as an epigenetic map of transcriptionally active chromatin.

Platforms

Platform types
Epigenomic, Histone modification ChIP-Seq, Expression, TF Binding, TF Binding ChIP-Seq, Expression RNA-Seq

Platforms
Not available

Study Design Type
is_expressed_design
species_design

Study Factors

Study Assays

Access to Study Data
This Study Data is publicly available to all users.

Gene List(s)
Use the following form(s) to refine the parameters and add the gene list to a strategy:

POLR2A versus Input ChIP-Seq in Human Islets
[Fold Change] Greater Than: 1.5
Confidence Level: High Confidence
For a microarray experiment a result with high confidence has a confidence level of at least 80%.
For a ChIP-chip experiment a result with high confidence has a confidence level of at least 90% and all fold changes are positive.
Reference (Denominator): NA
Find Genes

Genome Browser
Browse related tracks on the genome browser by clicking on the link(s) below:
- View tracks for this study in the region near the PROX1 gene RNA-Seq Expression Coverage (Islets, Beta Cells, Acinar Cells);
  Pol II Binding Peak Calls (Islets); H3K4me3, H3K36me3 and Input Peak Calls and Coverage (Islets)
- View tracks for this study in the region near the Prox1 gene RNA-Seq Expression Coverage (Islets)

Lists of Locations
Use the following form(s) to refine the parameters and add the list of genomic sequences corresponding to peak calls to a strategy. Depending on your choices, these searches may be slow.

Repositories
Ferrer Lab
Stock #: Not provided
Availability Notes: Not provided

Comments
There are no comments for this entry.