Differential expression of representative sorted pancreatic cells - Study GBCO3687

Genomics Study Specifications

<table>
<thead>
<tr>
<th>Study Name</th>
<th>Differential expression of representative sorted pancreatic cells</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Name</td>
<td>Markus Grompe (Oregon Health and Science University)</td>
</tr>
<tr>
<td>My Strategies</td>
<td>Return to My Strategies page</td>
</tr>
<tr>
<td>Classification</td>
<td>Tissue expression, surveys and comparisons</td>
</tr>
<tr>
<td>Links</td>
<td>Biomaterials Graph, ArrayExpress</td>
</tr>
</tbody>
</table>

BCBC Release Date: February 16, 2010
Public Release Date: July 28, 2011

Citation: Dorrell C, Schug J, Lin CF, Canaday PS, Fox AJ, Smirnova O, Bonnah R, Streeter PR, Stoeckert CJ, Kaestner KH, Grompe M. Transcriptomes of the major human pancreatic cell types. Diabetologia. 2011. 54:2832-44

Synopsis

The goal of this experiment is to identify genes differentially expressed in representative pancreatic FACS-sorted cell types.

Platform types

Expression microarray, Expression

Platforms

Show platform Agilent Whole Human Genome Microarray 4x44K [G4112F]

Study Design Type

cell_type_comparison_design

Study Factors

Show study factors

Study Assays

Show 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:

- Human small duct cells versus islet cells
<table>
<thead>
<tr>
<th>Fold Change Greater Than:</th>
<th>1.5</th>
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**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):** Islet Cells

### Genome Browser

There are no genome browser tracks currently available for this study.

### Lists of Locations

There are no genomic location datasets currently available for this study.

### Repositories

**Grompe Lab**

- **Stock it:** Not provided
- **Availability Notes:** Not provided

### Comments

There are no comments for this entry.