Detailed transcriptome atlas of the pancreatic beta cell - Study GBCO3627

**Genomics Study Specifications**
- **Study Name**: Detailed transcriptome atlas of the pancreatic beta cell
- **Contact Name**: Leroy Hood (Institute for Systems Biology)
- **Publication**: http://www.ncbi.nlm.nih.gov/pubmed/19146692

**Platform types**
- Expression, Expression microarray

**Platforms**
- Show platform Affymetrix GeneChip Rat Genome 230 2.0 Array

**Study Design Type**
- cell_type_comparison_design

**Study Factors**
- Show study factors

**Study Assays**
- Show study assays

**Synopsis**
This experiment was to provide expression profiling of rat INS-1 cells, primary rat beta-cells (>87% beta-cells) and non-beta-cells (<3% beta cells, mostly alpha) that were isolated by FACS mediated purification of two different rat islet preparations.

**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:

**Rat beta cells versus alpha cells**

- **Fold Change Greater Than**: 1.5
- **Confidence Level**: High Confidence
- **All Results**

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.

**Related resources**
- BCBC
  - No matching resources
- Other Consortia
  - No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.
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

Stoeckert Lab

Stock #: Not provided
Availability Notes: Not provided

Comments

There are no comments for this entry.