Correlating pancreatic beta cell function with their transcriptional profiles - Study GBCO4734

Genomics Study Specifications

**Study Name**
Correlating pancreatic beta cell function with their transcriptional profiles

**Contact Name**
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**Publication**
Not provided

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Return to My Strategies page

**Classification**
Tissue expression, surveys and comparisons; Pancreas development and growth

**Links**
- Biomaterials Graph
- ArrayExpress

**BCBC Release Date**
April 01, 2014

**Citation**
unavailable

**Synopsis**
The stage at which beta cells become functional were first determined with GSIS and Ca++ imaging. Then beta cells at key stages of maturation were purified and their gene expression alterations were determined with RNAseq and exhaustive bioinformatics analyses.

**Platform types**
- Expression RNA-Seq, Expression

**Platforms**
Not available

**Study Design Type**
- cell_type_comparison_design
- development_or_differentiation_design

**Study Factors**

**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**

**Gu Lab**

**Stoeckert Lab**
Comments

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