Transcriptional profiling of mouse pancreatic beta-cells, embryonic stem cells and 10 other normal adult tissues - Study GBCO4135

Genomics Study Specifications

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<thead>
<tr>
<th>Study Name</th>
<th>Transcriptional profiling of mouse pancreatic beta-cells, embryonic stem cells and 10 other normal adult tissues</th>
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<tbody>
<tr>
<td>Contact Name</td>
<td>Jorge Ferrer (Hospital Clinic de Barcelona)</td>
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<tr>
<td>Classification</td>
<td>Tissue expression, surveys and comparisons</td>
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<td>Links</td>
<td>Biomaterials Graph, ArrayExpress</td>
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<td>BCBC Release Date</td>
<td>April 19, 2011</td>
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<td>Public Release Date</td>
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Synopsis

To gain insights into how pancreatic beta-cells are programmed in vivo, we profiled key histone methylations (H3K4/K27me3) in embryonic stem cells, multipotent progenitors of the nascent embryonic pancreas, purified beta-cells, and 10 other adult tissues (all under normal, untreated conditions). For these cells we also purified RNA to analyze tissue specific genome wide transcription levels in relation to histone modifications. This study refers to the RNA transcription component of such work. Corresponding RNA microarrays can be found in Array Express under accession ID E-TABM-877.

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository

Primary contributor: Ferrer Lab

Resource Tags

affymetrix mouse genome 430 2.0 array

Resource History & Actions

Approved on Apr 19, 2011
Last modified on Nov 19, 2013

Related resources

BCBC
No matching resources

Other Consortia
No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.
There are no gene lists currently available for this study.

**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**

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<tr>
<th>Ferrer Lab</th>
<th>Stock #: Not provided</th>
<th>Availability Notes: Not provided</th>
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**Comments**
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