Pancreatic beta cell identity is maintained by DNA methylation-mediated repression of Arx - Study GBCO4175

Genomics Study Specifications

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<th>Pancreatic beta cell identity is maintained by DNA methylation-mediated repression of Arx</th>
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<tr>
<td>Contact Name</td>
<td>Senta Georgia (UCLA)</td>
</tr>
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Synopsis

Methylated DNA Immunoprecipitation (meDIP) was used to pull down regions of methylated genomic DNA from beta and alpha cell lines (MIN6 and alpha-TC1, respectively). Agilent promoter tiling array was used to look for regions of differential methylation around key endocrine cell fate determination genes.

Platform types

Epigenomic, DNA methylation Chip-chip

Platforms

Not available

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)

There are no gene lists currently available for this study.

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 Arx gene

Differential DNA Methylation

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.