Pdx1 Cistrome of Pancreatic Islets - Study GBCO4474

Genomics Study Specifications

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<th>Pdx1 Cistrome of Pancreatic Islets</th>
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<tr>
<td>Contact Name</td>
<td>Doris A. Stoffers (University of Pennsylvania)</td>
</tr>
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| BCBC Release Date   | July 23, 2012 |
| Public Release Date | July 23, 2012 |

Citation

Synopsis

Despite the central role Pdx1 plays in pancreatic development and adult beta-cell function, we have only rudimentary knowledge of the transcriptome targets of Pdx1 that mediate these phenotypes. Therefore, global location analysis of Pdx1 occupancy in pancreatic islets was performed. The evolutionary conservation of target genes was used to identify the most relevant Pdx1 targets by performing chromatin immunoprecipitation sequencing on both human and mouse islets.

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:

- Pdx1 versus Input ChIP in Mouse Islets
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 PBX1 gene
  PDX1 Binding Peak Calls and Coverage; Input Coverage
- View tracks for this study in the region near the Pbx1 gene
  Pdx1 Binding Peak Calls and Coverage; Input Coverage

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.

Repositories
- Stoffers Lab
  Stock #: Not provided
  Availability Notes: Not provided
- Stoeckert Lab
  Stock #: Not provided
  Availability Notes: Not provided

Comments
There are no comments for this entry.