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Open chromatin in human pancreatic islets (FAIRE-seq) - Appendix - Study GBCO4235

Genomics Study Specifications

Study Name	Open chromatin in human pancreatic islets (FAIRE-seq) - Appendix
Contact Name	Jorge Ferrer (Hospital Clinic de Barcelona)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/20118932
My Strategies	Return to My Strategies page
Classification	Tissue expression, surveys and comparisons
Links	Biomaterials Graph
BCBC Release Date	July 29, 2011
Public Release Date	July 29, 2011
Citation	Gaulton KJ, Nammo T, Pasquali L, Simon JM, Giresi PG, Fogarty MP, Panhuis TM, Mieczkowski P, Secchi A, Bosco D, Berney T, Montanya E, Mohlke KL, Lieb JD, Ferrer J. A map of open chromatin in human pancreatic islets. Nat Genet. 2010. 42:255-9
Synopsis	Study Description | Goals | Approaches | Results | Conclusions | Related Studies An appendix to the published Gaulton et al. work (PMID: 20118932). In the original paper, the authors note that samples 1 and 2 are not as pure as the third sample. This appendix provides FAIRE-Seq data obtained from a purified islet sample to replace the problematic published data. The goal of the original experiment was to identify active regulatory DNA in human pancreatic islets. This was accomplished using high-throughput sequencing of genomic regions isolated using FAIRE from three purified pancreatic islet samples to identify sites of open chromatin.
Platform types	Open chromatin FAIRE-Seq, Epigenomic
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 around the INS gene	Open Chromatin Peak Calls and Coverage

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository

Primary contributor: Ferrer Lab

Resource Tags

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Resource History & Actions

Approved on Jul 29, 2011
Last modified on Nov 19, 2013

Login to edit or request an edit

Related resources

BCBC

No matching resources

Other Consortia

No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.

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.

Open Chromatin in Human Islets (Sample HI-32; MACS Peak Calls from MAQ Aligned FAIRE-Seq)

Retrieve:

- ( ) Whole Genome
- (•) Peaks in a Region of Interest (specify below):

chr5

Enter a region (e.g., chr:start-stop) or enter just the chromosome (e.g., chr12 or chrX) to search for peaks on a single chromosome. Select the "Whole Genome" option or leave the text box blank to return all results from this analysis.

Find Locations

Repositories

Ferrer Lab

Request this resource

Stock #: *Not provided*
Availability Notes: *Not provided*

Comments

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