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Regulatory genomics of human embryonic pancreatic progenitors - Study GBCO4696

Genomics Study Specifications

Study Name	Regulatory genomics of human embryonic pancreatic progenitors
Contact Name	Jorge Ferrer (Hospital Clinic de Barcelona)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/24212882
My Strategies	Return to My Strategies page
Classification	Pancreas development and growth; Targets and roles of transcriptional regulators
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	November 07, 2013
Public Release Date	April 15, 2014
Citation	Weedon MN, Cebola I, Patch AM, Flanagan SE, De Franco E, Caswell R, Rodríguez-Seguí SA, Shaw-Smith C, Cho CH, Lango Allen H, Houghton JA, Roth CL, Chen R, Hussain K, Marsh P, Vallier L, Murray A, International Pancreatic Agnesis Consortium, Ellard S, Ferrer J, Hattersley AT. Recessive mutations in a distal PTF1A enhancer cause isolated pancreatic agenesis . Nat Genet. 2014. 46:61-4

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

Active regulatory regions in the human embryonic pancreatic progenitors were profiled by integration of transcription factor and histone modification ChIP-seq datasets. These were obtained from pancreatic progenitor cells derived in vitro from human embryonic stem cells. The purpose of this work was to study the epigenomic mechanisms involved in pancreas development.

Platform types	TF Binding ChIP-Seq, Epigenomic, Histone modification ChIP-Seq, TF Binding
Platforms	Not available
Study Design Type	<ul style="list-style-type: none"> development_or_differentiation_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

There are no genome browser tracks currently available for this study.

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 Nov 07, 2013
Last modified on Apr 15, 2014

 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

There are no genomic location datasets currently available for this study.

Repositories

Ferrer Lab


 Request this resource

Stock #: *Not provided*

Availability Notes: *Not provided*

Comments

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