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Genome-wide location analysis of HNF Transcription Factors in Hepatocytes and Pancreatic Islets - Study GBCO2929

Genomics Study Specifications

Study Name	Genome-wide location analysis of HNF Transcription Factors in Hepatocytes and Pancreatic Islets
Contact Name	Richard A. Young (Whitehead Institute MIT)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/14988562
My Strategies	Return to My Strategies page
Classification	Targets and roles of transcriptional regulators
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	January 26, 2007
Public Release Date	January 26, 2007
Citation	Odom DT, Zizlsperger N, Gordon DB, Bell GW, Rinaldi NJ, Murray HL, Volkert TL, Schreiber J, Rolfe PA, Gifford DK, Fraenkel E, Bell GI, Young RA. Control of pancreas and liver gene expression by HNF transcription factors . <i>Science</i> . 2004. 303:1378-81

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

Here, we use chromatin immunoprecipitation combined with promoter microarrays to identify the genes occupied by the transcriptional regulators HNF1a, HNF4a and HNF6, together with RNA polymerase II, in human liver and pancreatic islets.

Platform types	TF Binding ChIP-chip, TF Binding
Platforms	Show platform Hu13K
Study Design Type	<ul style="list-style-type: none"> binding_site_identification_design organism_part_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)

Browse related gene lists by clicking on the link(s) below:

[HNF1alpha or HNF6](#) Browse Human genes with promoters bound by either the transcription factor HNF1alpha or HNF6 in islets
[Binding in islets](#)


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.

Access Status

 This resource is publicly viewable.

Request this Resource

 Request from a repository

Primary contributor: [Stoeckert Lab](#)

Resource Tags

alpha, hepatocyte nuclear factor 4, HNF1A, HNF1 homeobox A, HNF4A, HNF6, Hu13K 2, ONECUT1, one cut homeobox 1, Santa Cruz Ab sc-6547, Santa Cruz Ab sc-6556, Santa Cruz cs-8987, test3

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Resource History & Actions

Approved on Jan 26, 2007
Last modified on Jan 17, 2012

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No matching resources


Other Consortia

No matching resources

Data courtesy of [dkCOIN](#). Only public resources are displayed.

Repositories


Stoeckert Lab

 Request this resource

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

Comments

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