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Mouse pancreas development (Hutton/Juhl) - Study GBCO1330**Genomics Study Specifications**

Study Name	Mouse pancreas development (Hutton/Juhl)
Contact Name	John Hutton (University of Colorado Health Sciences Center)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/18599526
My Strategies	Return to My Strategies page
Classification	Pancreas development and growth
Links	Biomaterials Graph ArrayExpress
BCBC Release Date	February 21, 2006
Public Release Date	September 19, 2008
Citation	Juhl K, Sarkar SA, Wong R, Jensen J, Hutton JC. Mouse pancreatic endocrine cell transcriptome defined in the embryonic Ngn3-null mouse . Diabetes. 2008. 57:2755-61

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		


Pancreas study with 5 sub-studies: (i) 14 assays (7 done on Affymetrix MGU74Av2 and 7 on MOE430 2.0) looking at 7 different time points in pancreas development, (ii) 2 assays (done on Affymetrix MGU74Av2) looking at tumorigenic cell lines alphaTC and betaTC, (iii) 8 assays (6 done on Affymetrix MGU74Av2 and 2 done on MOE430 2.0) looking at Ngn3 mutant and wildtype pancreas at 3 different embryonic time points in pancreas development, (iv) 3 assays (done on Affymetrix MGU74Av2) looking at embryonic e12.5, newborn pancreas and adult islets, (v) 3 assays (done on Affymetrix MGU74Av2) looking at e11.5 separated pancreatic epithelium and mesenchyme or the intact e11.5 pancreas.

Platform types	Expression microarray, Expression
Platforms	Show platform Affymetrix MG_U74A Show platform Affymetrix Mouse430_2
Study Design Type	<ul style="list-style-type: none"> cell_type_comparison_design development_or_differentiation_design hardware_variation_design organism_part_comparison_design strain_or_line_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)**Access Status**

 This resource is publicly viewable.

Request this Resource

 Request from a repository

Primary contributor: [Stoeckert Lab](#)

Resource Tags

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Resource History & Actions

Approved on Feb 21, 2006
Last modified on Aug 02, 2011

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Related resources**BCBC**

No matching resources

Other Consortia

No matching resources

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

There are no gene lists currently available for this study.

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.

Repositories

Stoeckert Lab


 Request this resource

Stock #: *Not provided*

Availability Notes: *Not provided*

Comments

There are no comments for this entry.

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