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Reprogramming of mouse gall bladder cells into pancreatic beta cells - Study GBCO4397

Genomics Study Specifications

Study Name	Reprogramming of mouse gall bladder cells into pancreatic beta cells								
Contact Name	Markus Grompe (Oregon Health and Science University)								
Publication	http://www.ncbi.nlm.nih.gov/pubmed/23562832								
My Strategies	Return to My Strategies page								
Classification	Cell differentiation; Differentiation of insulin-producing cells								
Links	 Biomaterials Graph  ArrayExpress								
BCBC Release Date	March 29, 2012								
Public Release Date	July 16, 2013								
Citation	Hickey RD, Galivo F, Schug J, Brehm MA, Haft A, Wang Y, Benedetti E, Gu G, Magnuson MA, Shultz LD, Lagasse E, Greiner DL, Kaestner KH, Grompe M. Generation of islet-like cells from mouse gall bladder by direct ex vivo reprogramming . Stem Cell Res. 2013. 11:503-15								
Synopsis	<div style="border: 1px solid gray; padding: 5px;"> <table border="1"> <tr> <td>Study Description</td> <td>Goals</td> </tr> <tr> <td>Approaches</td> <td>Results</td> </tr> <tr> <td colspan="2">Conclusions</td> </tr> <tr> <td colspan="2">Related Studies</td> </tr> </table> <p>Mouse gall bladder cells from MIP-GFP mice were expanded in vitro and transduced with adenoviral vectors expressing the transcription factors Neurog3, Pdx1 and MafA. Reprogrammed GFP+ cells were then FACS-sorted for RNA isolation.</p> </div>	Study Description	Goals	Approaches	Results	Conclusions		Related Studies	
Study Description	Goals								
Approaches	Results								
Conclusions									
Related Studies									
Platform types	Expression RNA-Seq, Expression								
Platforms	<i>Not available</i>								
Study Design Type	<ul style="list-style-type: none"> cell_type_comparison_design 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


Browse related tracks on the genome browser by clicking on the link(s) below:

[View tracks for this study in the region near the Ins1 gene](#)
[RNA-Seq Expression Coverage](#)


Lists of Locations

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

Access Status

 This resource is publicly viewable.

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Primary contributor: [Grompe Lab](#)

Co-contributed by:

- [Kaestner Lab](#)

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Resource History & Actions

Approved on Mar 29, 2012

Last modified on Apr 15, 2014

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Other Consortia

No matching resources

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

Repositories

Grompe Lab


 Request this resource

Stock #: *Not provided*

Availability Notes: *Not provided*

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