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Expression data from NOD-scid vs B6-scid pancreas, submandibular glands, & lacrimal glands - Study GBCO3144

Genomics Study Specifications

Study Name	Expression data from NOD-scid vs B6-scid pancreas, submandibular glands, & lacrimal glands
Contact Name	Rodolfo Chaparro (Department of Microbiology and Immunology - Albert Einstein College of Medicine)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/16895987
My Strategies	Return to My Strategies page
Classification	Tissue expression, surveys and comparisons
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	July 07, 2006
Public Release Date	July 07, 2006
Citation	Chaparro RJ, Konigshofer Y, Beilhack GF, Shizuru JA, McDevitt HO, Chien YH. Nonobese diabetic mice express aspects of both type 1 and type 2 diabetes . Proc Natl Acad Sci U S A. 2006. 103:12475-80

Synopsis**Study Description**

Goals

Approaches

Results

Conclusions

Related Studies

Prior to the onset of autoimmune destruction, type 1 diabetic patients and an animal model thereof, the nonobese diabetic (NOD) mouse, show morphological and functional abnormalities in target organs, which may act as inciting events for leukocyte infiltration. To better understand these abnormalities, but without the complications associated with inflammatory infiltrates, we examined genes expressed in autoimmune target tissues (pancreas, submandibular glands, and lacrimal glands) of NOD/scid mice and of autoimmune-resistant C57BL6/scid mice. Experiment Overall Design: Pancreata (6 weeks old mice), submandibular (9 and 15 weeks), and lacrimal glands (15 weeks) from individual NOD-scid and B6-scid mice were isolated for RNA extraction and hybridization on Affymetrix microarrays.

Platform types Expression, Expression microarray

Platforms

Show platform Affymetrix MG_U74B

Show platform Affymetrix MG_U74C

Show platform Affymetrix MG_U74A

Study Design Type

- organism_part_comparison_design
- strain_or_line_design


Study Factors

Show study factors


Study Assays

Show study assays

Access Status

 This resource is publicly viewable.

Request this Resource

 Request from a repository

Primary contributor: [Stoeckert Lab](#)

Resource Tags


Affymetrix MG_U74Av2, Affymetrix MG_U74Bv2, Affymetrix MG_U74Cv2, Gcg, glucagon, lapp, ins1, Ins1, insulin1, islet amyloid polypeptide Rhoq kallikrein related-peptidase 8, Kik8, member Q Ren1, ras homolog gene family, renin 1 structural

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 Read more about tags

Resource History & Actions

Approved on Jul 07, 2006
Last modified on Jan 17, 2012

 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.

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

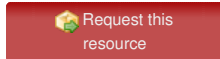
There are no genome browser tracks currently available for this study.

Lists of Locations

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

Repositories

Stoeckert Lab



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

Comments

There are no comments for this entry.

