

My Account

Login
Create Account

Resources

View All (813)
Adenoviruses (137)
Antibodies (175)
Bioimages (67)
Genomics Studies (145)
mESC Lines (68)
Mouse Strains (120)
Miscellaneous (46)
Protocols (55)
Research Data (4)
Resource Tags (389)
Visualization (9)

Research & Cores

Core Facilities (5)
Research Highlights (5)
Research Networks
Research Objectives

Information

About the BCBC
BCBC Events
Branding & Logos
Career Opportunities
Health
NIH hESC Registry
Policies & Guidelines
Member Publications
Research Programs
Research Investigators
Member Directory
Tutorials

Exendin-4 treatment of Pancreatic Islets - Study GBCO2260**Genomics Study Specifications**

| | |
|----------------------------|---|
| Study Name | Exendin-4 treatment of Pancreatic Islets |
| Contact Name | Anna L. Nolan (Massachusetts General Hospital/HHMI) |
| Publication | Not provided |
| My Strategies | Return to My Strategies page |
| Classification | Islet/beta-cell stimulation/injury; Cell stimulation/injury |
| Links | Biomaterials Graph ArrayExpress |
| BCBC Release Date | July 29, 2011 |
| Public Release Date | July 29, 2011 |
| Citation | <i>unavailable</i> |

Synopsis

| | | |
|--------------------------|---------|-------------|
| Study Description | Goals | |
| Approaches | Results | Conclusions |
| Related Studies | | |

The aim of the study was to investigate the effect of Exendin-4 on isolated pancreatic islets allowing for the elucidation of the various transcriptional programs initiated by this multifunctional peptide hormone. Islets were treated with Exendin-4 for 30 and 180 minutes. After these time points, RNA was isolated and used for hybridization against matched control islets using the Mouse PancChip 6.

| | |
|--------------------------|---|
| Platform types | Expression microarray, Expression |
| Platforms | Show platform Mouse PancChip |
| Study Design Type | <ul style="list-style-type: none"> compound_treatment_design time_series_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.


Lists of Locations

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


Repositories

Stoeckert Lab

Access Status

 This resource is publicly viewable.


Request this Resource

 Request from a repository

Primary contributor: [Joel Habener](#)

Resource Tags

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Resource History & Actions

Approved on Jul 29, 2011
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.


 Request this resource

Stock #: *Not provided*

Availability Notes: *Not provided*

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