Exendin-4 treatment of Pancreatic Islets - Study GBCO2260

Genomics Study Specifications

**Study Name**  
Exendin-4 treatment of Pancreatic Islets

**Contact Name**  
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**Publication**  
Not provided

**My Strategies**  
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**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**  
unavailable

**Synopsis**

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**
- 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