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## Correlating pancreatic beta cell function with their transcriptional profiles - Study GBCO4734

**Genomics Study Specifications**

<b>Study Name</b>	Correlating pancreatic beta cell function with their transcriptional profiles							
<b>Contact Name</b>	<a href="#">Guoqiang Gu</a> (Vanderbilt University)							
<b>Publication</b>	Not provided							
<b>My Strategies</b>	<a href="#">Return to My Strategies page</a>							
<b>Classification</b>	Tissue expression, surveys and comparisons; Pancreas development and growth							
<b>Links</b>	 <a href="#">Biomaterials Graph</a>  <a href="#">ArrayExpress</a>							
<b>BCBC Release Date</b>	April 01, 2014							
<b>Citation</b>	<i>unavailable</i>							
<b>Synopsis</b>	<div style="border: 1px solid gray; padding: 5px;"> <table border="1"> <tr> <td style="background-color: #f00; color: white;">Study Description</td> <td>Goals</td> </tr> <tr> <td>Approaches</td> <td>Results</td> <td>Conclusions</td> </tr> <tr> <td colspan="2">Related Studies</td> </tr> </table> <p>The stage at which beta cells become functional were first determined with GSIS and Ca++ imaging. Then beta cells at key stages of maturation were purified and their gene expression alterations were determined with RNAseq and exhaustive bioinformatics analyses.</p> </div>	Study Description	Goals	Approaches	Results	Conclusions	Related Studies	
Study Description	Goals							
Approaches	Results	Conclusions						
Related Studies								
<b>Platform types</b>	Expression RNA-Seq, Expression							
<b>Platforms</b>	<i>Not available</i>							
<b>Study Design Type</b>	<ul style="list-style-type: none"> <li>cell_type_comparison_design</li> <li>development_or_differentiation_design</li> </ul>							
<b>Study Factors</b>	<a href="#">Show study factors</a>							
<b>Study Assays</b>	<a href="#">Show study assays</a>							

**Access to Study Data**

To access the Study Data you must "Request this Resource" (below) and the supplier must fill your Request. Then Beta Cell Genomics will contact you with details on how to access the data.


**Gene List(s)**

To access this study's gene list(s) you must "Request this Resource" (below) and the supplier must fill your Request.


**Repositories**

<b>Gu Lab</b>	<a href="#">Request this resource</a>	<b>Stock #:</b> <i>Not provided</i> <b>Availability Notes:</b> <i>Not provided</i>
<b>Stoeckert Lab</b>	<a href="#">Request this resource</a>	<b>Stock #:</b> <i>Not provided</i> <b>Availability Notes:</b> <i>Not provided</i>

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Primary contributor: [Gu Lab](#)


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Approved on Apr 01, 2014  
Last modified on Apr 15, 2014

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