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Gene Expression Survey of Transcription Factors using RT-PCR - Study GBCO2220

Genomics Study Specifications

Study Name	Gene Expression Survey of Transcription Factors using RT-PCR
Contact Name	Galvin H. Swift (University of Texas Southwestern Medical Center)
Publication	http://www.ncbi.nlm.nih.gov/pubmed/16487753
My Strategies	Return to My Strategies page
Classification	Tissue expression, surveys and comparisons
Links	 Biomaterials Graph  ArrayExpress
BCBC Release Date	January 12, 2006
Public Release Date	January 12, 2006
Citation	Kong YM, Macdonald RJ, Wen X, Yang P, Barbera VM, Swift GH. A comprehensive survey of DNA-binding transcription factor gene expression in human fetal and adult organs . Gene Expr Patterns. 2006. 6:678-86

Synopsis

Study Description	Goals	
Approaches	Results	Conclusions
Related Studies		

A global survey of RNA from 14 fetal and 12 adult human organs by RT-PCR determined the expression patterns of 790 genes encoding DNA-binding transcription factors. The data can be sorted to identify sets of transcription factors with expression relatively restricted to a given organ or to particular organ groups. These data are a resource to help define the spectrum of transcription factor control, contribute to the elucidation of transcription factor cascades responsible for the development and maintenance of each organ, and provide a baseline to study the effects of disease or developmental defects.

Platform types	Expression, Expression RT-PCR
Platforms	Show platform RT-PCR Primer Set (MacDonald)
Study Design Type	<ul style="list-style-type: none"> development_or_differentiation_design organism_part_comparison_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)


Browse related gene lists by clicking on the link(s) below:

[RT-PCR Results](#) Browse transcription factors expressed at various levels in available tissues

Access Status

 This resource is publicly viewable.

Request this Resource

 Request from a repository

Primary contributor: [Galvin Swift](#)

Resource Tags

 Login to edit tags

 [Read more about tags](#)

Resource History & Actions

Approved on Jan 12, 2006
Last modified on Aug 07, 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.

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

MacDonald Lab


 Request this resource

Stock #: *Not provided*

Availability Notes: *Not provided*

Comments

There are no comments for this entry.

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