

Resource Summary Report

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rOGED: Rat Ovarian Gene Expression Database

RRID:SCR_003615

Type: Tool

Proper Citation

rOGED: Rat Ovarian Gene Expression Database (RRID:SCR_003615)

Resource Information

URL: <http://app.mc.uky.edu/kolab/rogedendo.aspx>

Proper Citation: rOGED: Rat Ovarian Gene Expression Database (RRID:SCR_003615)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 6, 2023. rOGED is a searchable database containing ovarian gene sequences, data, and images of ovarian genes expressed in rats. The site also provides customized gene expression profiles in the rat oviduct and uterus or mouse ovary. The database was constructed from total RNA isolated from intact ovaries, granulosa cells, or residual ovarian tissues collected from immature PMSG/hCG-treated rats at 0 (no PMSG), 12, and 48 h post-PMSG, as well as 6 and 12 h post-hCG. The total RNA was used for DNA microarray analysis using Affymetrix Rat Expression Arrays 230A and B. The microarray data was compiled and utilized for display of individual gene expression profiles through specially developed software. The final rOGED provides immediate analysis of temporal gene expression profiles for over 28,000 genes in intact ovaries, granulosa cells, and residual ovarian tissue during follicular growth and the preovulatory period. The accuracy of the rOGED was validated against the gene profiles for over 100 known genes. The utility of the rOGED was demonstrated by identifying seven genes which have not been described in the rat periovulatory ovary. The rOGED can be used as an instant reference for ovarian gene expression profiles, as well as reliable resource for identifying important yet, to date, unknown ovarian genes. Category: Microarray Data and other Gene Expression Databases

Abbreviations: rOGED

Resource Type: data or information resource, database

Defining Citation: [PMID:15297439](#)

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: rOGED: Rat Ovarian Gene Expression Database

Resource ID: SCR_003615

Alternate IDs: nif-0000-03422

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260806T054353+0000

Ratings and Alerts

No rating or validation information has been found for rOGED: Rat Ovarian Gene Expression Database.

No alerts have been found for rOGED: Rat Ovarian Gene Expression Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ervin JM, et al. (2017) Current status of the role of endothelins in regulating ovarian follicular function: A review. Animal reproduction science, 186, 1.