Expression of IFNG-stimulated genes

Abdul-Sater, AA., Garapati, P V., Schindler, C.
Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references


Reactome database release: 77

This document contains 1 reaction (see Table of Contents)
Expression of IFNG-stimulated genes

Stable identifier: R-HSA-1031716

Type: omitted

Compartments: cytosol

IFN-gamma stimulates gene expression of about 200 genes which include the primary response genes like IRFs, Fc-gamma receptor (FCGR), GBPs (guanylate-binding proteins) and also major histocompatibility complex (MHC) class I and class II molecules, proteins involved in antigen presentation, antiviral proteins like PKR, OAS proteins etc. A wonderful list of most of the IFN-gamma inducible proteins with corresponding literature are mentioned in the review article and the supplementary document by Boehm et al 1997.

Literature references


Editions

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