Activated FGFR1 mutants bind FRS2

Ezzat, S., Rothfels, K.
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: 83

This document contains 1 reaction (see Table of Contents)

https://reactome.org
Activated FGFR1 mutants bind FRS2

**Stable identifier:** R-HSA-5655269

**Type:** binding

**Compartments:** plasma membrane

**Diseases:** cancer, bone development disease

After activation, FGFR mutants are presumed to recruit FRS2 (also known as FRS2alpha). This has been demonstrated in some cases (see for instance Ahmed, 2008; Weiss, 2010; Dutt, 2008; Dutt, 2011; Cha, 2009; Qing, 2009; Bai, 2010) and is inferred to occur in others by analogy with the wild-type receptor.

**Literature references**


**Editions**

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