

Characterization of the biological functions of breast cancer gene BRCA2 using conditionally-inactivated mouse models.

- - A computational model for classification of BRCA2 variants using mouse embryonic stem cell



Description: -

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Brca2 breast cancer 2, early onset [Mus musculus (house mouse)]

Everyone has BRCA1 and BRCA2 genes.

Molecular contribution of BRCA1 and BRCA2 to genome instability in breast cancer patients: review of radiosensitivity assays

At the protein level, CtIP expression varies with cell cycle progression in a pattern identical to that of BRCA1. The effect on the PIFs inferred for these variants can be seen in Fig.

BRCA2 hereditary breast and ovarian cancer syndrome

The incidence of common fragile sites and telomere sister chromatid exchange increased markedly after treatment with replication inhibitors. Moreover, an earlier study showed that the primary tumor, from which the lymph node metastasis and xenograft are derived, has a similar gene expression profile as other BRCA1 tumors, clearly distinguished from BRCA2 and sporadic breast tumors. Monoclonal antibodies and tyrosine kinase inhibitors.

BRCA2 BRCA2 DNA repair associated [Homo sapiens (human)]

Thouvenot P, Ben Yamin B, Fourriere L, et al.

BRCA2 functions: from DNA repair to replication fork stabilization in: Endocrine

The HAT survival data were modeled as having a zero-inflated negative binomial distribution with a mean that depends on a random effect for

batch and a random effect for variant. Moynahan ME, Pierce AJ, Jasin M. PhosphoSitePlus i This section provides information on the expression of a gene at the mRNA or protein level in cells or in tissues of multicellular organisms.

The Breast Cancer Susceptibility Gene BRCA2 Is Required for the Maintenance of Telomere Homeostasis,

Platinum drugs such as cisplatin induce DNA platination and inter-strand DNA crosslinking leading to the accumulation of DNA DSBs and cell death. Abstract Maintaining genomic integrity is essential to preserve normal cellular physiology and to prevent the emergence of several human pathologies including cancer. Similar to the GEMM tumors, these PDX tumors generally responded well to treatment, but eventually developed resistance.

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