

Resource Summary Report

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Database of Germline p53 Mutations

RRID:SCR_013419

Type: Tool

Proper Citation

Database of Germline p53 Mutations (RRID:SCR_013419)

Resource Information

URL: http://www.lf2.cuni.cz/projects/germline_mut_p53.htm

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Description: The database of germline p53 mutations is a comprehensive database covering all published cases of germline p53 mutations. The current version lists 580 tumors in 448 individuals belonging to 122 independent pedigrees. The database describes each p53 mutation (type of the mutation, exon and codon affected by the mutation, nucleotide and amino acid change), each family (family history of cancer, diagnosis of Li-Fraumeni syndrome), each affected individual (sex, generation, p53 status, from which parent the mutation was inherited) and each tumour (type, age of onset, p53 status-loss of heterozygosity, immunostaining). Each entry contains the original reference(s).

Synonyms: Database of Germline p53 Mutations

Resource Type: data or information resource, database

Keywords: germline p53 mutation, p53, p53 mutation

Resource Name: Database of Germline p53 Mutations

Resource ID: SCR_013419

Alternate IDs: nif-0000-02722

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260829T183029+0000

Ratings and Alerts

No rating or validation information has been found for Database of Germline p53 Mutations.

No alerts have been found for Database of Germline p53 Mutations.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Silva JL, et al. (2013) Expanding the prion concept to cancer biology: dominant-negative effect of aggregates of mutant p53 tumour suppressor. Bioscience reports, 33(4).

Godai TI, et al. (2009) Identification of colorectal cancer patients with tumors carrying the TP53 mutation on the codon 72 proline allele that benefited most from 5-fluorouracil (5-FU) based postoperative chemotherapy. BMC cancer, 9, 420.

Malik A, et al. (2007) Databases and QSAR for cancer research. Cancer informatics, 2, 99.

Chipuk JE, et al. (2003) Pharmacologic activation of p53 elicits Bax-dependent apoptosis in the absence of transcription. Cancer cell, 4(5), 371.