Resource Summary Report

Generated by RRID on May 29, 2025

FusionGDB2

RRID:SCR_025299
Type: Tool

Proper Citation

FusionGDB2 (RRID:SCR_025299)

Resource Information

URL: https://compbio.uth.edu/FusionGDB2/

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Description: Functional annotation database of human fusion genes.FusionGDB 2.0 has updates of contents such as up-to-date human fusion genes, fusion gene breakage tendency score with FusionAI deep learning model based on 20 kb DNA sequence around BP, investigation of overlapping between fusion breakpoints with human genomic features across cellular role's categories, transcribed chimeric sequence and following open reading frame analysis with coding potential based on deep learning approach with Ribo-seq read features, and rigorous investigation of protein feature retention of individual fusion partner genes in protein level.

Synonyms: FusionGDB 2.0

Resource Type: data or information resource, database

Defining Citation: PMID:34755868

Keywords: Functional annotation database, human fusion genes, fusion gene breakage tendency score,

Funding: NIGMS R35GM138184;
University of Texas

Availability: Free, Freely available

Resource Name: FusionGDB2

Resource ID: SCR_025299

Record Creation Time: 20240501T053247+0000

Record Last Update: 20250525T033033+0000

Ratings and Alerts

No rating or validation information has been found for FusionGDB2.

No alerts have been found for FusionGDB2.

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 RRID.

Plum PS, et al. (2024) Integrative genomic analyses of European intrahepatic cholangiocarcinoma: Novel ROS1 fusion gene and PBX1 as prognostic marker. Clinical and translational medicine, 14(6), e1723.