Resource Summary Report

Generated by dkNET on Apr 29, 2025

FusionCatcher

RRID:SCR_000060
Type: Tool

Proper Citation

FusionCatcher (RRID:SCR_000060)

Resource Information

URL: http://code.google.com/p/fusioncatcher/

Proper Citation: FusionCatcher (RRID:SCR_000060)

Description: Software that searches for novel/known fusion genes, translocations, and chimeras in RNA-seq data (paired-end reads from Illumina NGS platforms like Solexa and HiSeq) from diseased samples.

Resource Type: data processing software, sequence analysis software, data analysis software, software resource, software application

Defining Citation: DOI:10.1101/011650

Keywords: fusion gene, known fusion gene, translocation, chimera, rna-seq data, hiseq, solexa, bio.tools

Funding:

Availability: Free, Available for download, Freely available

Resource Name: FusionCatcher

Resource ID: SCR_000060

Alternate IDs: biotools:fusioncatcher, OMICS_01348

Alternate URLs: https://github.com/ndaniel/fusioncatcher/blob/master/doc/manual.md, https://bio.tools/fusioncatcher

Record Creation Time: 20220129T080159+0000

Record Last Update: 20250429T054545+0000

Ratings and Alerts

No rating or validation information has been found for FusionCatcher.

No alerts have been found for FusionCatcher.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Byron SA, et al. (2021) Genomic and Transcriptomic Analysis of Relapsed and Refractory Childhood Solid Tumors Reveals a Diverse Molecular Landscape and Mechanisms of Immune Evasion. Cancer research, 81(23), 5818.

Chen S, et al. (2019) Widespread and Functional RNA Circularization in Localized Prostate Cancer. Cell, 176(4), 831.

Labuhn M, et al. (2019) Mechanisms of Progression of Myeloid Preleukemia to Transformed Myeloid Leukemia in Children with Down Syndrome. Cancer cell, 36(2), 123.

Ganly I, et al. (2018) Integrated Genomic Analysis of Hürthle Cell Cancer Reveals Oncogenic Drivers, Recurrent Mitochondrial Mutations, and Unique Chromosomal Landscapes. Cancer cell, 34(2), 256.

Churchman ML, et al. (2018) Germline Genetic IKZF1 Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. Cancer cell, 33(5), 937.

Kumar S, et al. (2016) Comparative assessment of methods for the fusion transcripts detection from RNA-Seq data. Scientific reports, 6, 21597.