

Resource Summary Report

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FACETS

RRID:SCR_026264

Type: Tool

Proper Citation

FACETS (RRID:SCR_026264)

Resource Information

URL: <https://github.com/mskcc/facets>

Proper Citation: FACETS (RRID:SCR_026264)

Description: Software tool for estimating genome copy numbers from high throughput DNA sequencing data. Allele-specific copy number and clonal heterogeneity analysis tool for high-throughput DNA sequencing. Used to implement Fraction and Copy number Estimate from Tumor/normal Sequencing.

Resource Type: data processing software, source code, data analysis software, software resource, software application

Defining Citation: [PMID:27270079](#)

Keywords: Allele-specific copy number, clonal heterogeneity analysis, estimating genome copy numbers, high throughput DNA sequencing data, Fraction and Copy number Estimate from Tumor/normal Sequencing,

Funding: NCI CA124514;
NCI CA163251;
NCI CA195365;
NCI P01 CA129243;
Susan G. Komen for the Cure ;
NCI P30 CA008748

Availability: Free, Available for download, Freely available,

Resource Name: FACETS

Resource ID: SCR_026264

Record Creation Time: 20250110T053324+0000

Record Last Update: 20260805T044557+0000

Ratings and Alerts

No rating or validation information has been found for FACETS.

No alerts have been found for FACETS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Zeng Y, et al. (2025) Mapping the chromothripsis landscape in urothelial carcinoma unravels great intratumoral and intertumoral heterogeneity. *iScience*, 28(1), 111510.

Stanciu A, et al. (2025) Personalized ctDNA detection and genomic profiling in the NeoRHEA Study. *NPJ breast cancer*, 11(1), 137.

Zhang T, et al. (2025) Neoadjuvant fuzuloparib combined with abiraterone for localized high-risk prostate cancer (FAST-PC): A single-arm phase 2 study. *Cell reports. Medicine*, 6(3), 102018.

Rekhtman N, et al. (2025) Chromothripsis-Mediated Small Cell Lung Carcinoma. *Cancer discovery*, 15(1), 83.

Ku AT, et al. (2025) Radiogenomic Profiling of Prostate Tumors prior to External Beam Radiotherapy Converges on a Transcriptomic Signature of TGF- β Activity Driving Tumor Recurrence. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(24), 5211.

Ren W, et al. (2025) Whole-genome sequencing reveals three follicular lymphoma subtypes with distinct cell of origin and patient outcomes. *Cell reports. Medicine*, 6(8), 102278.

Stupichev D, et al. (2025) AI-driven multimodal algorithm predicts immunotherapy and targeted therapy outcomes in clear cell renal cell carcinoma. *Cell reports. Medicine*, 6(8), 102299.

Shi M, et al. (2024) Genetic and microenvironmental evolution of colorectal liver metastases under chemotherapy. *Cell reports. Medicine*, 5(12), 101838.

Glodzik D, et al. (2023) Detection of Biallelic Loss of DNA Repair Genes in Formalin-Fixed, Paraffin-Embedded Tumor Samples Using a Novel Tumor-Only Sequencing Panel. *The Journal of molecular diagnostics : JMD*, 25(5), 295.

Ding YC, et al. (2023) Profiling the Somatic Mutational Landscape of Breast Tumors from Hispanic/Latina Women Reveals Conserved and Unique Characteristics. *Cancer research*, 83(15), 2600.

Yeates P, et al. (2023) Using video-based examiner score comparison and adjustment (VESCA) to compare the influence of examiners at different sites in a distributed objective structured clinical exam (OSCE). *BMC medical education*, 23(1), 803.

Murciano-Goroff YR, et al. (2022) Reversion mutations in germline BRCA1/2-mutant tumors reveal a BRCA-mediated phenotype in non-canonical histologies. *Nature communications*, 13(1), 7182.