

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

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: 20260813T055342+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 22 mentions in open access literature.

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

van der Elst A, et al. (2026) Genomic and Immune Landscape of Recurrent and/or Metastatic Squamous Cell Carcinoma of the Head and Neck Progressing on Anti-PD-1 Treatment. *Cancer immunology research*, 14(4), 608.

Lee H, et al. (2026) Multimodal antigenic escape to GPRC5D-targeted T cell engagers in multiple myeloma. *Nature medicine*, 32(3), 964.

Kawazu M, et al. (2026) Genomic and Transcriptomic Analysis of High-Grade Endometrial Carcinoma Reveals Biological Heterogeneity and Molecular Classification Challenges. *Cancer research communications*, 6(4), 961.

Jiménez-Sánchez A, et al. (2026) Transcriptomic Plasticity Is a Hallmark of Metastatic Pancreatic Cancer. *Cancer research*, 86(7), 1769.

van der Elst A, et al. (2026) Molecular and Immune Landscape of Recurrent and/or Distant Metastatic Squamous Cell Carcinoma of the Head and Neck: An EORTC/IMMUCAN Project. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(13), 2732.

Gatz SA, et al. (2026) Phase I/II Study of the PARP Inhibitor Olaparib and Irinotecan in Children and Young Adults with Recurrent/Refractory Malignancies: Arm D of the AcSé-ESMART Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(7), 1210.

Zhang J, et al. (2026) Biomimetic hydrogel for the construction of patient-derived bladder cancer organoids with aggressive growth. *iScience*, 29(2), 114786.

Arbesfeld-Qiu JM, et al. (2026) Distinct Malignant Cell States and Myeloid Glutamate Signaling Associated with Aggressive Pancreatic Neuroendocrine Tumors. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(12), 2449.

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

Chen Z, et al. (2025) Determinants of sensitivity to HER2-targeted antibody drug conjugates in urothelial cancer. *Nature communications*, 17(1), 919.

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.

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

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.

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.

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.

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.