

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

PURPLE

RRID:SCR_022999

Type: Tool

Proper Citation

PURPLE (RRID:SCR_022999)

Resource Information

URL: <https://github.com/hartwigmedical/hmftools/blob/master/purple/README.md>

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Description: Software tool as purity ploidy estimator for whole genome sequenced data. Used for copy number calling and determination of sample purity.

Synonyms: purity ploidy estimator

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

Keywords: WGS data, whole genome sequenced data, purity ploidy estimator

Availability: Free, Available for download, Freely available

Resource Name: PURPLE

Resource ID: SCR_022999

Record Creation Time: 20221124T050201+0000

Record Last Update: 20260812T044429+0000

Ratings and Alerts

No rating or validation information has been found for PURPLE.

No alerts have been found for PURPLE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Pradhan B, et al. (2026) Dynamic and Ongoing De Novo L1 Retrotransposition Contributes to Genome Plasticity and Intrapatient Heterogeneity in Ovarian Cancer. *Cancer research*, 86(4), 1073.

Yemelyanenko J, et al. (2026) C-Terminal Truncation and Fusion Partner Determine Oncogenicity of FGFR3. *Cancer research*, 86(6), 1372.

Micoli G, et al. (2025) Decoding the Genomic and Functional Landscape of Emerging Subtypes in Ovarian Cancer. *Cancer discovery*, 15(11), 2262.

Li G, et al. (2025) A pan-cancer atlas of therapeutic T cell targets. *bioRxiv : the preprint server for biology*.

Bergsma P, et al. (2025) Integration of Whole-Genome Sequencing Analysis with Unique Patient-Derived Models Reveals Clinically Relevant Drug Targets in TFCEP2 Fusion-Defined Rhabdomyosarcoma. *Molecular cancer therapeutics*, 24(12), 1989.

Schott CR, et al. (2024) Osteosarcoma PDX-Derived Cell Line Models for Preclinical Drug Evaluation Demonstrate Metastasis Inhibition by Dinaciclib through a Genome-Targeted Approach. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(4), 849.

Starrett GJ, et al. (2024) Multiomics Profiling Distinguishes Sebaceous Carcinoma from Benign Sebaceous Neoplasms and Provides Insight into the Genetic Evolution of Sebaceous Carcinogenesis. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(21), 4887.

Di Genova A, et al. (2022) A molecular phenotypic map of malignant pleural mesothelioma. *GigaScience*, 12.