

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.

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

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

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.