

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

Enriched Domain Detector

RRID:SCR_001693

Type: Tool

Proper Citation

Enriched Domain Detector (RRID:SCR_001693)

Resource Information

URL: <https://github.com/CollasLab/edd>

Proper Citation: Enriched Domain Detector (RRID:SCR_001693)

Description: A ChIP-seq peak caller for detection of megabase domains of enrichment.

Abbreviations: EDD

Synonyms: EDD - Enriched Domain Detector

Resource Type: software resource

Defining Citation: [PMID:24782521](#)

Keywords: standalone software, unix/linux, mac os x

Availability: Free, Available for download, Freely available

Resource Name: Enriched Domain Detector

Resource ID: SCR_001693

Alternate IDs: OMICS_03964

License: MIT License

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260912T195529+0000

Ratings and Alerts

No rating or validation information has been found for Enriched Domain Detector.

No alerts have been found for Enriched Domain Detector.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Yang N, et al. (2023) A hyper-quiescent chromatin state formed during aging is reversed by regeneration. *Molecular cell*, 83(10), 1659.

Tammer L, et al. (2022) Gene architecture directs splicing outcome in separate nuclear spatial regions. *Molecular cell*, 82(5), 1021.

Shah PP, et al. (2021) Pathogenic LMNA variants disrupt cardiac lamina-chromatin interactions and de-repress alternative fate genes. *Cell stem cell*, 28(5), 938.

Du Q, et al. (2021) DNA methylation is required to maintain both DNA replication timing precision and 3D genome organization integrity. *Cell reports*, 36(12), 109722.

Samata M, et al. (2020) Intergenerationally Maintained Histone H4 Lysine 16 Acetylation Is Instructive for Future Gene Activation. *Cell*, 182(1), 127.

Poleshko A, et al. (2017) Genome-Nuclear Lamina Interactions Regulate Cardiac Stem Cell Lineage Restriction. *Cell*, 171(3), 573.

Gesson K, et al. (2016) A-type lamins bind both hetero- and euchromatin, the latter being regulated by lamina-associated polypeptide 2 alpha. *Genome research*, 26(4), 462.