

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

CyLinter

RRID:SCR_021157

Type: Tool

Proper Citation

CyLinter (RRID:SCR_021157)

Resource Information

URL: <https://github.com/labsyspharm/cylinter>

Proper Citation: CyLinter (RRID:SCR_021157)

Description: Open source software tool as interactive image segmentation filter for multiplex microscopy that aids in identification and removal of cell segmentation instances corrupted by optical and image processing artifacts.

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

Keywords: multiplex microscopy, quality control, single-cell data, Interactive Image Segmentation Filter

Funding: NCI U2C CA233262;
NCI U54 CA225088

Availability: Free, Available for download, Freely available

Resource Name: CyLinter

Resource ID: SCR_021157

License: MIT License

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260808T190209+0000

Ratings and Alerts

No rating or validation information has been found for CyLinter.

No alerts have been found for CyLinter.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Sakrepatna Nagaraj A, et al. (2026) Ex Vivo Immuno-Oncology Platform Reveals Spatial T-cell Infiltration Patterns Linked to ATR Inhibition Responses in High-Grade Serous Ovarian Cancer. Cancer immunology research, 14(4), 625.

Li W, et al. (2026) IL-8-driven neutrophil NETosis triggers endothelial apoptosis and exacerbates preeclampsia. Journal of translational medicine, 24(1).

Baker GJ, et al. (2025) Morphology-Aware Profiling of Highly Multiplexed Tissue Images using Variational Autoencoders. bioRxiv : the preprint server for biology.

Baker GJ, et al. (2024) Quality control for single-cell analysis of high-plex tissue profiles using CyLinter. Nature methods, 21(12), 2248.

Baker GJ, et al. (2023) Quality Control for Single Cell Analysis of High-plex Tissue Profiles using CyLinter. bioRxiv : the preprint server for biology.