

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

SViCT

RRID:SCR_023656

Type: Tool

Proper Citation

SViCT (RRID:SCR_023656)

Resource Information

URL: <https://github.com/vpc-ccg/svict>

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Description: Software tool for detecting structural variations from cell free DNA containing low dilutions of circulating tumor DNA.

Synonyms: Structural Variant detection in Circulating Tumor DNA

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

Defining Citation: [PMID:30759232](#)

Keywords: detecting structural variations, cell free DNA, cfDNA, circulating tumor DNA low dilutions, ctDNA

Funding: Natural Sciences and Engineering Research Council Discovery Grant ;
Terry Fox Research Institute New Frontiers Program Project Grant ;
Natural Sciences and Engineering Research Council Discovery Frontiers Program ;
National Science Foundation ;
NIGMS GM108348;
Indiana University Grant Challenges Program ;
Precision Health Initiative

Availability: Free, Available for download, Freely available

Resource Name: SViCT

Resource ID: SCR_023656

License: BSD 3-Clause "New" or "Revised" License

Record Creation Time: 20230606T050222+0000

Record Last Update: 20260808T190257+0000

Ratings and Alerts

No rating or validation information has been found for SViCT.

No alerts have been found for SViCT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lheureux S, et al. (2023) Identifying Mechanisms of Resistance by Circulating Tumor DNA in EVOLVE, a Phase II Trial of Cediranib Plus Olaparib for Ovarian Cancer at Time of PARP Inhibitor Progression. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(18), 3706.