

Resource Summary Report

Generated by SPARC SAWG on Sep 12, 2026

SMILE

RRID:SCR_024119

Type: Tool

Proper Citation

SMILE (RRID:SCR_024119)

Resource Information

URL: http://www-igm.univ-mlv.fr/~marsan/smile_english.html

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Description: Software tool that infers motifs in set of sequences to infer exceptional sites as binding sites in DNA sequences. 1.4 version allows to infer motifs written on any alphabet in any kind of sequences. Allows to deal with motifs associated by some distance constraints. Used to group under unique model different occurrences composed of several boxes separated by spacers of different lengths.

Synonyms: mlv-smile

Resource Type: software application, software resource

Keywords: infers motifs in set of sequences, binding sites in DNA sequences, distance constraints,

Availability: Free, Available for download, Freely available,

Resource Name: SMILE

Resource ID: SCR_024119

Alternate IDs: OMICS_20188

Alternate URLs: <https://sources.debian.org/src/mlv-smile/>

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260912T200307+0000

Ratings and Alerts

No rating or validation information has been found for SMILE.

No alerts have been found for SMILE.

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](#).

Barnes CA, et al. (2019) Remarkable Rigidity of the Single α -Helical Domain of Myosin-VI As Revealed by NMR Spectroscopy. Journal of the American Chemical Society, 141(22), 9004.