

# Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

## SMILE

RRID:SCR\_024119

Type: Tool

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### Proper Citation

SMILE (RRID:SCR\_024119)

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### Resource Information

**URL:** [http://www-igm.univ-mlv.fr/~marsan/smile\\_english.html](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:** 20260821T043114+0000

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### Ratings and Alerts

No rating or validation information has been found for SMILE.

No alerts have been found for SMILE.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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