**FEATURE**

**RRID:SCR_002648**  
**Type: Tool**

**Proper Citation**  
FEATURE (RRID:SCR_002648)

**Resource Information**

**URL:** [https://simtk.org/home/feature](https://simtk.org/home/feature)  
**Proper Citation:** FEATURE (RRID:SCR_002648)

**Description:** A suite of automated tools that examine biological molecules and produces useful representations of the key biophysical and biochemical features of these structures that are critical for understanding function. The utility of this system extends from medical / pharmaceutical applications (model-based drug design, comparing pharmacological activities) to industrial applications (understanding structural stability, protein engineering). The FEATURE code is made available, without too much support, to any interested scientists. Audience: Researchers interested in identifying functional sites in protein structures. Long Term Goals and Related Uses: Enable improved functional site prediction.

**Resource Type:** modeling software, d visualization software

**Keywords:** functional site, function annotation, calcium binding site, protein microenvironment, structural bioinformatics, structure, protein classification, bayesian inference, support vector machine, model

**Availability:** MIT license

**Resource Name:** FEATURE  
**Resource ID:** SCR_002648  
**Alternate IDs:** nif-0000-23304
No rating or validation information has been found for FEATURE.

No alerts have been found for FEATURE.

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Data and Source Information

**Source:** SciCrunch Registry

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Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Simopoulos CMA, et al. (2022) MetaProClust-MS1: an MS1 Profiling Approach for Large-Scale Microbiome Screening. mSystems, 7(4), e0038122.


Houghton K, et al. (2021) Correlation Between Change in Psoriasis Area and Severity Index and Dermatology Life Quality Index in Patients with Psoriasis: Pooled Analysis from Four Phase 3 Clinical Trials of Secukinumab. Dermatology and therapy, 11(4), 1373-1384.


Molecular cytogenetics, 11, 41.


