



## Database of protein domains, families and functional sites

### ProRule 使用法 ツール

**New** SARS-CoV-2 relevant PROSITE motifs

PROSITE consists of documentation entries describing protein domains, families and functional sites as well as associated patterns and profiles to identify them [[More...](#) / [References](#) / [Commercial users](#)].

PROSITE is complemented by [ProRule](#), a collection of rules based on profiles and patterns, which increases the discriminatory power of profiles and patterns by providing additional information about functionally and/or structurally critical amino acids [[More...](#)].

Release 2021\_02 of 07-Apr-2021 contains 1883 documentation entries, 1311 patterns, 1311 profiles and 1342 ProRule.

Search

アクセッション番号、キーワード  
などから検索する

e.g. PDOC00022, PS50089, SH3, zinc finger

Search

Browse

さまざまな閲覧方法

- by documentation entry
- by ProRule description
- by taxonomic scope
- by number of positive hits

Quick Scan mode of ScanProsite

配列からモチーフを検索する

Quickly find matches of your protein sequences to PROSITE signatures (max. 10 sequences). [[?](#)] [[Examples](#)]

Enter UniProtKB accessions or identifiers or PDB identifiers or sequences in FASTA format

Scan

Clear

Exclude motifs with a high probability of occurrence from the scan

For more scanning options go to [ScanProsite](#)

Other tools

さまざまなツール

- **PRATT** - allows to interactively generate conserved patterns from a series of unaligned proteins.
- **MyDomains - Image Creator** - allows to generate custom domain figures.



出現頻度の高いモチーフを排除  
(デフォルトでチェックされている)

図3.15 PROSITEのトップページ