

blastn blastp blastx tblastn tblastx

BLASTP programs search protein databases using a protein query. [more](#)

Enter Query Sequence

Enter accession number, gi, or FASTA sequence [Clear](#) Query subrange From To

② 貼り付ける

Or, upload file [参照...](#)

Job Title

Enter a descriptive title for your BLAST search

Align two or more sequences

Choose Search Set

Database [▼](#) [?](#)

Organism [?](#)
Optional
Enter organism name or id—completions will be suggested

Enter organism common name, binomial, or tax id. Only 20 top taxa will be shown. [?](#)

Entrez Query [?](#)
Optional
Enter an Entrez query to limit search

Program Selection

Algorithm

blastp (protein-protein BLAST)

PSI-BLAST (Position-Specific Iterated BLAST)

PHI-BLAST (Pattern Hit Initiated BLAST)

Choose a BLAST algorithm [?](#)

BLAST [Search database nr using Blastp \(protein-protein BLAST\)](#)

Show results in a new window

[Algorithm parameters](#)

```
>sample1
MNRVFLFGKLSFTPNRLQTKNGTLGATFSMECLDS
SGFNNAKSFIRVTAWGKVASFIVAQNPVMLFVEG
RLTTYKITNSENKNTYALQVTADKIFHPDEKTTNE
EPIKSTVVDSPFMNPKASVTEAEFEQAFFHQDETD
FNNITPIFENDVQLEESDD
```

① 配列をコピーする
(">"の行は入れても入れなくてもよい)

③ データベースを選ぶ
(nr)

④ 「BLAST」を押す

図3.5 クエリ配列の入力画面