

BLAST® » blastp suite

Standard Protein BLAST

[blastn](#) **[blastp](#)** [blastx](#) [tblastn](#) [tblastx](#)

BLASTP programs search protein databases using a

Enter Query Sequence

Enter accession number(s), gi(s), or FASTA sequence(s) ⓘ

[Clear](#)

Query subrange ⓘ

```
>HBA_HUMAN  
MVLSPADKTNVKAAGKVGGAHAGEYGAELERMFLSFPITTKTYFPHFDSLHSGSAQVKGHG  
KKVADALTNVAHVDDMPNALSALSDLHAHLKLRVDFVNFKLLSHCLLVTLAAHLPAETFP  
AVHASLDKFLASVSTVLISKYR
```

From

To

Or, upload file

[Examinar...](#)

No se ha seleccionado ningún archivo. ⓘ

Job Title

HBA_HUMAN

Enter a descriptive title for your BLAST search ⓘ

☐ Align two or more sequences ⓘ

Choose Search Set

Database

Protein Data Bank proteins(pdb) ⓘ

Organism

Optional

Homo sapiens (taxid:9606)

☐ Exclude +

Enter organism common name, binomial, or tax id. Only 20 top taxa will be shown. ⓘ

Exclude

Optional

☐ Models (XM/XP) ☐ Non-redundant RefSeq proteins (WP) ☐ Uncultured/environmental sample sequences

Entrez Query

Optional

Enter an Entrez query to limit search ⓘ

[YouTube](#) [Create custom database](#)

Program Selection

Algorithm

- ☒ blastp (protein-protein BLAST)
- ☐ PSI-BLAST (Position-Specific Iterated BLAST)
- ☐ PHI-BLAST (Pattern Hit Initiated BLAST)
- ☐ DELTA-BLAST (Domain Enhanced Lookup Time Accelerated BLAST)

Choose a BLAST algorithm ⓘ

BLAST

Search database Protein Data Bank proteins(pdb) using Blastp (protein-protein BLAST)

☐ Show results in a new window