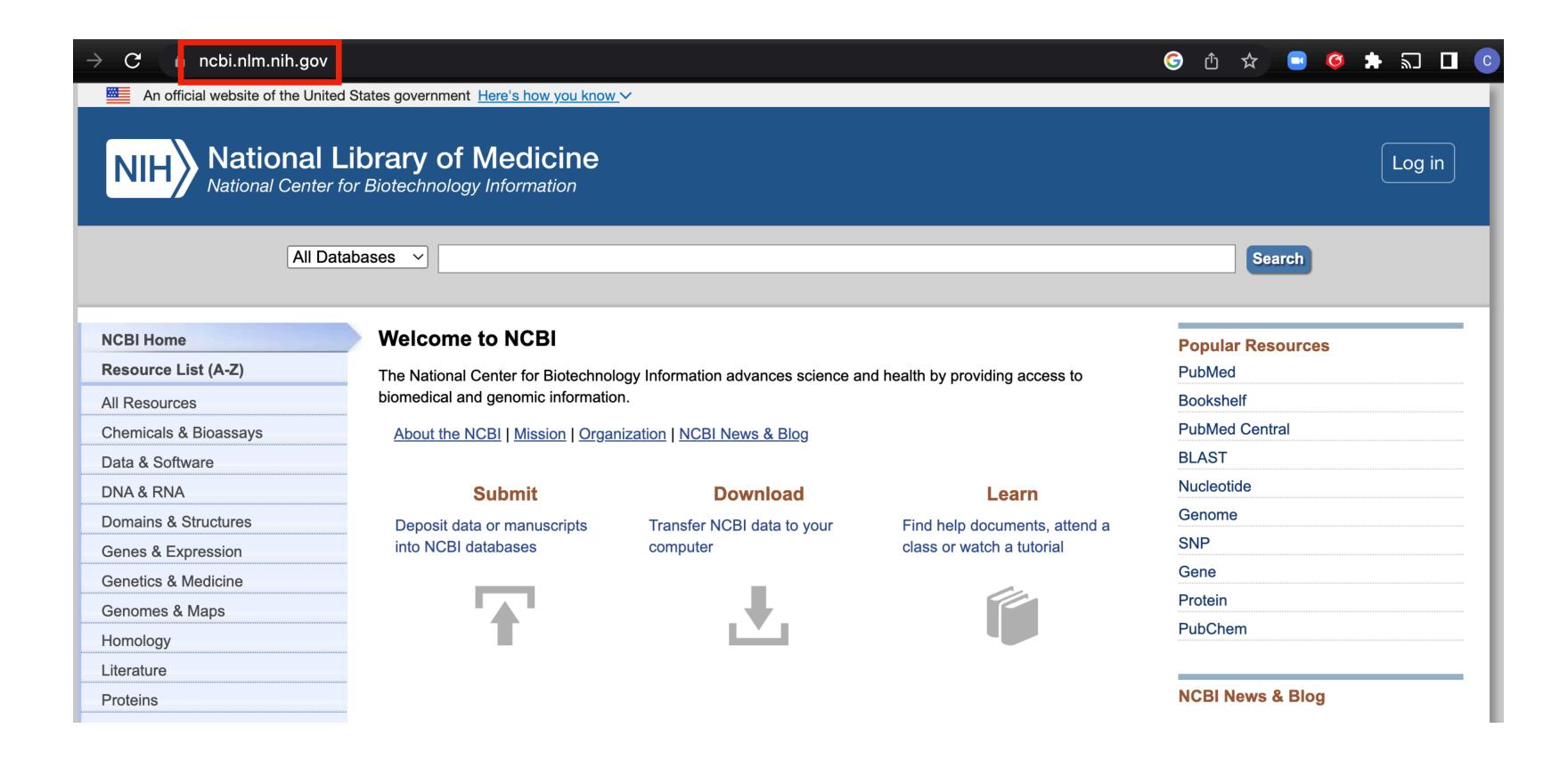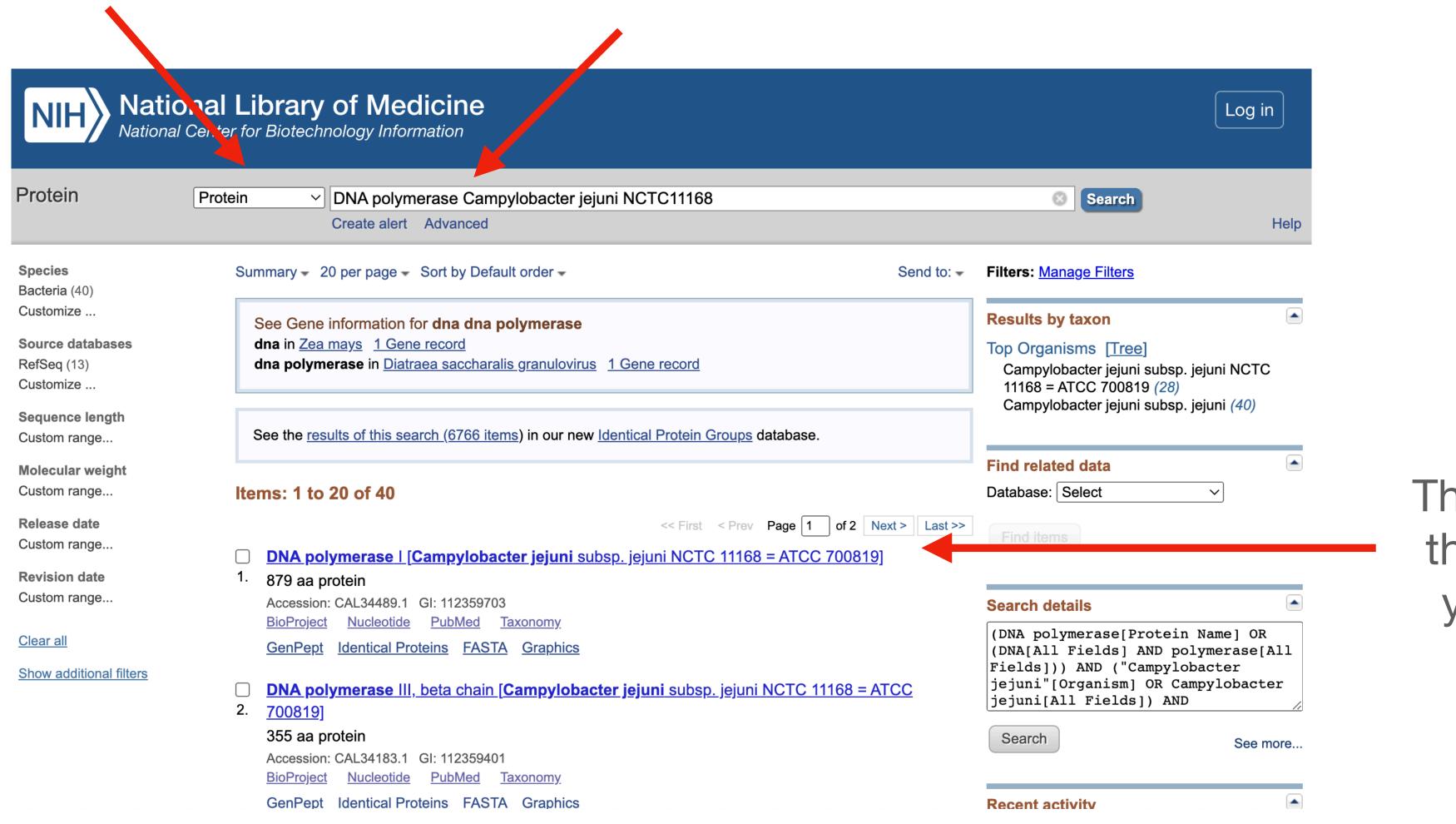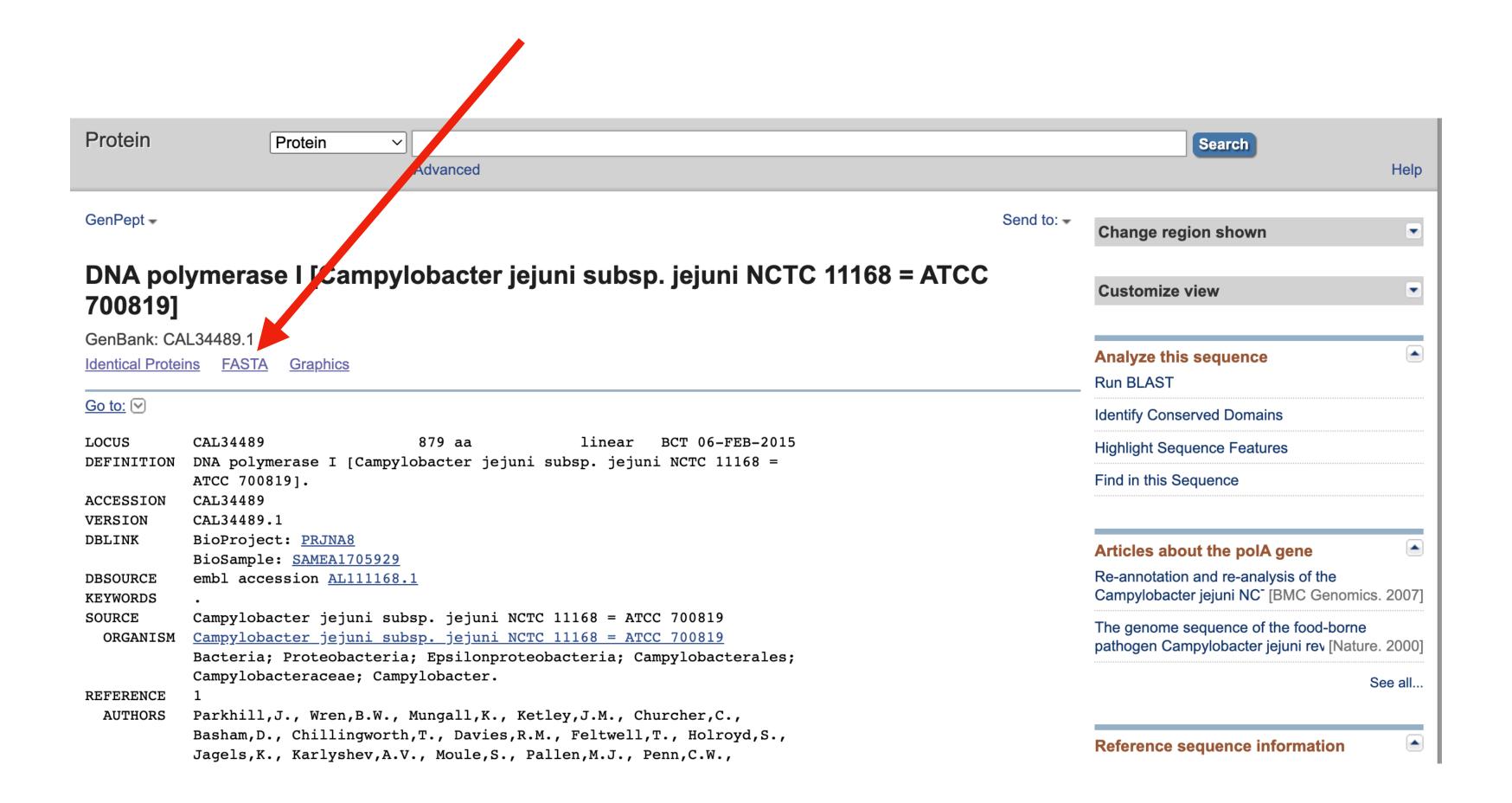# First go to NCBI

Select the protein database and search for you protein of interest and organisms of interest

The click on the protein you want

Select fasta to get the sequence

Protein   [Protein ⌄]   [_____] [**Search**]

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| Customize view | ⌄ |

DNA polymerase I [Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC 700819]

GenBank: CAL34489.1

Identical Proteins   FASTA   Graphics

Go to: ⌄

```
LOCUS       CAL34489                 879 aa            linear   BCT 06-FEB-2015
DEFINITION  DNA polymerase I [Campylobacter jejuni subsp. jejuni NCTC 11168 =
            ATCC 700819].
ACCESSION   CAL34489
VERSION     CAL34489.1
DBLINK      BioProject: PRJNA8
            BioSample: SAMEA1705929
DBSOURCE    embl accession AL111168.1
KEYWORDS    .
SOURCE      Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC 700819
  ORGANISM  Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC 700819
            Bacteria; Proteobacteria; Epsilonproteobacteria; Campylobacterales;
            Campylobacteraceae; Campylobacter.
REFERENCE   1
  AUTHORS   Parkhill,J., Wren,B.W., Mungall,K., Ketley,J.M., Churcher,C.,
            Basham,D., Chillingworth,T., Davies,R.M., Feltwell,T., Holroyd,S.,
            Jagels,K., Karlyshev,A.V., Moule,S., Pallen,M.J., Penn,C.W.,
```

Analyze this sequence

Run BLAST

Identify Conserved Domains

Highlight Sequence Features

Find in this Sequence

Articles about the polA gene

Re-annotation and re-analysis of the Campylobacter jejuni NC⁻ [BMC Genomics. 2007]

The genome sequence of the food-borne pathogen Campylobacter jejuni rev [Nature. 2000]

See all...

Reference sequence information

Copy the sequence into a fasta file you will use as a query in your blast search

Protein   [Protein ▾]   [   ]   **Search**

Advanced   Help

FASTA ▾   Send to: ▾

Change region shown ▾

DNA polymerase I [Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC 700819]

GenBank: CAL34489.1

GenPept   Identical Proteins   Graphics

>CAL34489.1 DNA polymerase I [Campylobacter jejuni subsp. jejuni NCTC 11168 = ATCC
700819]
MKTLTIVDTFGFFFRLYYALKGFKNSQGQASGMISGFANFIYSLKNEYKSDYIVFALDSKGKTFRSEIDP
NYKQNRTPPPPELLEQIPICIKMIEKMGFISVSQEGYEADDIIASFVKTCENRDIFVRIITQDKDLYQLI
KDGKTSIYSPISKNDYDEAACLEKYGVKPNQIRDFLALCGDSSDNIPGVKGIGAKGAKTLLDEFGSIEGI
YENLTLVRNERSRNLLLEGKENAFLSKKLASLYDNLEVQNLIEKATYPDEEPLLKILEILEHYELNTLLK
KLRQNPDNKDKNLGFKATLVQDENKLFEILNTLDKESIIAFDTETTGLDTKEAKIVGFSFCMNENEAFYV
PLTHNYLGVGEQISLQSAKKAIEVIFNHFVIGHNLKYDFKIIQNNFDLNLPQKYADTMILAWLKNPSLRV
NMDDLALRLFNYETLHFESLVKKGENFASVELEKACKYAAEDAYITLRFYLYFLKNLETPLLELAKNCEF
DFIKIIMMEENGIKLDTNALEILMKKFENEIKNLSEEIYTLCEDRFNLNSPKQMGDILFEKLKLPSGKK
GKTGYSTDEKVLNILLDKHPVIAKILDYRELAKLYSTYCEPLLKLALKDKNSRIYSSFLQTGTATGRLSS
KDPNLQNIPAHGQYAKDYKSCFVAKDGFSFISLDYSQIELRILAHFSEDEKLLNAFANDEDIHARTAIMI
FGESNYETRSVAKSINFGLIYGMGYKTLSQNLKIEANLAKSYIEKYFENFTSIKKYFEKVKNEAKQNGFI
VTLSGRKRYFDFENAKPMQIAMYERESINSILQGSAADVIKLAMLEINKELNEDKKLILQIHDELIFEVK
DDLCENFVKKTRDIMENIVKLKVKLKTSSSIAKNWGDLK

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Reference sequence information

RefSeq protein