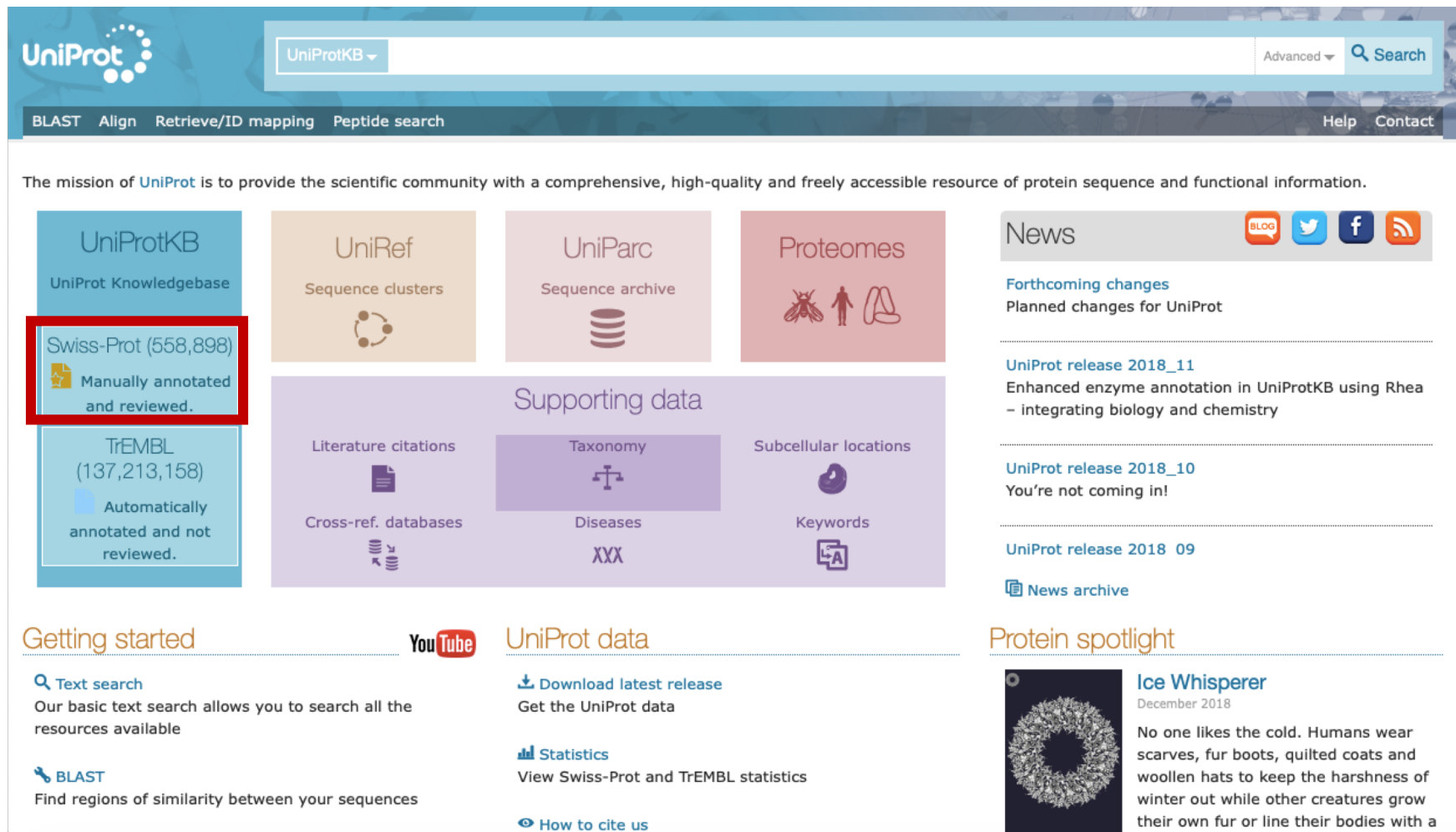




Uniprot

<https://www.uniprot.org>

Base de datos de proteínas



The screenshot shows the UniProt website homepage. At the top is the UniProt logo and a search bar with 'UniProtKB' selected. Below the search bar is a navigation menu with links: BLAST, Align, Retrieve/ID mapping, Peptide search, Help, and Contact. The main content area features a mission statement and several data source boxes. The 'UniProtKB' box is highlighted with a red border and contains the text 'Swiss-Prot (558,898)' and 'Manually annotated and reviewed.' Below it is the 'TrEMBL' box with '(137,213,158)' and 'Automatically annotated and not reviewed.' To the right are boxes for 'UniRef' (Sequence clusters), 'UniParc' (Sequence archive), and 'Proteomes'. Further right is a 'News' section with links to 'Forthcoming changes', 'UniProt release 2018_11', 'UniProt release 2018_10', and 'UniProt release 2018_09'. Below the main content area are three sections: 'Getting started' with links to 'Text search' and 'BLAST'; 'UniProt data' with links to 'Download latest release', 'Statistics', and 'How to cite us'; and 'Protein spotlight' featuring 'Ice Whisperer' from December 2018.

UniProt

UniProtKB

Advanced Search

BLAST Align Retrieve/ID mapping Peptide search Help Contact

The mission of UniProt is to provide the scientific community with a comprehensive, high-quality and freely accessible resource of protein sequence and functional information.

UniProtKB
UniProt Knowledgebase

Swiss-Prot (558,898)
Manually annotated and reviewed.

TrEMBL
(137,213,158)
Automatically annotated and not reviewed.

UniRef
Sequence clusters

UniParc
Sequence archive

Proteomes

News

Forthcoming changes
Planned changes for UniProt

UniProt release 2018_11
Enhanced enzyme annotation in UniProtKB using Rhea – integrating biology and chemistry

UniProt release 2018_10
You're not coming in!

UniProt release 2018_09

News archive

Getting started

Text search
Our basic text search allows you to search all the resources available

BLAST
Find regions of similarity between your sequences

UniProt data

Download latest release
Get the UniProt data

Statistics
View Swiss-Prot and TrEMBL statistics

How to cite us

Protein spotlight

Ice Whisperer
December 2018

No one likes the cold. Humans wear scarves, fur boots, quilted coats and woollen hats to keep the harshness of winter out while other creatures grow their own fur or line their bodies with a



UniProtKB reviewed:yes

Advanced Search

BLAST Align Retrieve/ID mapping Peptide search

Help Contact

UniProtKB results

Basket

UniProtKB consists of two sections:



Reviewed (Swiss-Prot) - Manually annotated

Records with information extracted from literature and curator-evaluated computational analysis.



Unreviewed (TrEMBL) - Computationally analyzed

Records that await full manual annotation.

The UniProt Knowledgebase (UniProtKB) is the central hub for the collection of functional information on proteins, with accurate, consistent and rich annotation. In addition to capturing the core data mandatory for each UniProtKB entry (mainly, the amino acid sequence, protein name or description, taxonomic data and citation information), as much annotation information as possible is added.

[Help](#) [UniProtKB help video](#) [Other tutorials and videos](#) [Downloads](#)

Filter byⁱ



Reviewed (558,898)*
Swiss-Prot

Popular organisms

Human (20,412)
Mouse (17,001)
A. thaliana (15,823)
Rat (8,054)
S. cerevisiae (6,721)

Other organisms

BLAST

Entry

☐ Q27081

☐ P36630

☐ Q5SS90

☐ Q56336

☐ Q2T9X5

☐ Download selected (0)

☒ Download all (558898)

Format: FASTA (canonical)

☒ Compressed ☐ Uncompressed

Preview first 10ⁱ

Go

1 to 25 of 558,898 Show 25

sm	Length
leus tridentatus (Japanese horseshoe crab)	400
saccharomyces pombe (strain 972 / ATCC) (Fission yeast)	411
usculus (Mouse)	291
ema pallidum (strain Nichols)	678
Bos taurus (Bovine)	204

filament protein A TP_0748
Uncharacterized protein C7orf61 hom...