Annotation pointers

1- Read the abstract to make sure there is something to annotate

Genome of Helicobacter pylori strain XZ274, an isolate from a tibetan patient with gastric cancer in China.

Guo Y[1], Wang H, Li Y, Song Y, Chen C, Liao Y, Ren L, Guo C, Tong W, Shen W, Chen M, Mao X, Guo G, Zou Q.

⊕ Author information

Abstract

The infection rate of Helicobacter pylori is high all over the world, especially in the Chinese Tibetan Plateau. Here, we report the genome sequence of Helicobacter pylori strain XZ274 isolated from a Tibetan patient with gastric cancer. The strain contains 1,634,138 bp with 1,654 coding sequences and a pXZ274 plasmid of 22,406 bp with 26 coding sequences. This is the first complete genome sequence of Helicobacter pylori from the Tibetan Plateau in China.

UniProt

EMBL-EBI

Where in a paper do I get annotations from?

RESULTS section
   usually a figure
   a table

BE careful with information in introduction, it can very general information and not related to the experiment
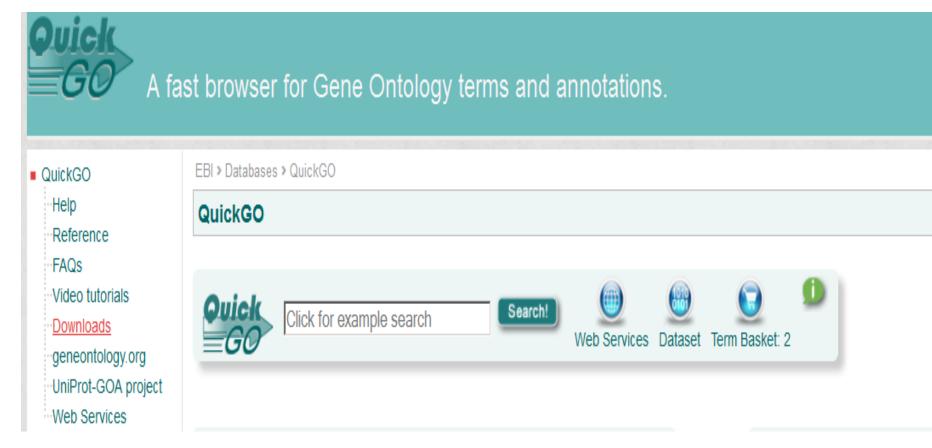
Use of the discussion section

- check that statements are similar to the annotations you have made

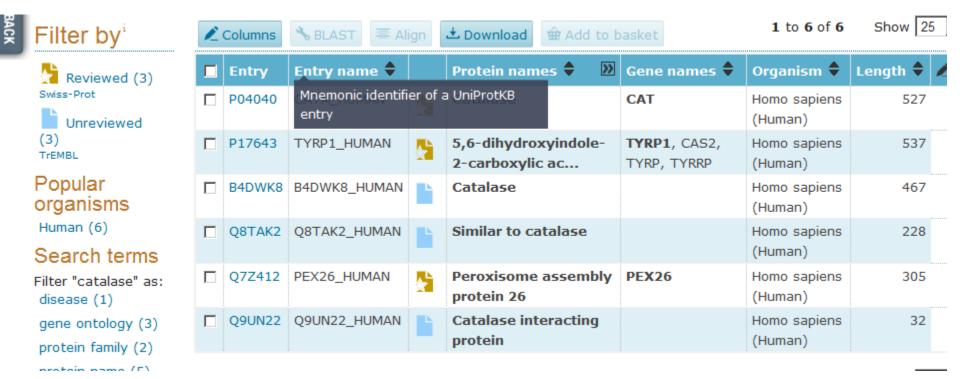# How do I know whether my terms are redundant or not

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Unknown proteins/Sequences

Sequences –listed in a paper but not given in UniProt
Request from UniProt help

Annotate mainly to reviewed UniProt sequence where
available

QUICKGO paper search

Crystal structure papers:

-Look for the evidence
- Look for relevant biology
- - be careful of models with no biological backing