

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 Y¹, 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.

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

BACK

Filter byⁱ

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Swiss-Prot
-  Unreviewed (3)
TrEMBL

Popular organisms






Human (6)

Search terms

- Filter "catalase" as:
disease (1)
- gene ontology (3)
- protein family (2)
- protein name (5)

Columns BLAST Align Download Add to basket

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<input type="checkbox"/>	Entry	Entry name		Protein names	Gene names	Organism	Length
<input type="checkbox"/>	P04040	Mnemonic identifier of a UniProtKB entry			CAT	Homo sapiens (Human)	527
<input type="checkbox"/>	P17643	TYRP1_HUMAN		5,6-dihydroxyindole-2-carboxylic ac...	TYRP1, CAS2, TYRP, TYRRP	Homo sapiens (Human)	537
<input type="checkbox"/>	B4DWK8	B4DWK8_HUMAN		Catalase		Homo sapiens (Human)	467
<input type="checkbox"/>	Q8TAK2	Q8TAK2_HUMAN		Similar to catalase		Homo sapiens (Human)	228
<input type="checkbox"/>	Q7Z412	PEX26_HUMAN		Peroxisome assembly protein 26	PEX26	Homo sapiens (Human)	305
<input type="checkbox"/>	Q9UN22	Q9UN22_HUMAN		Catalase interacting protein		Homo sapiens (Human)	32

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Term Basket: 2

Search and Filter GO annotation sets



Extensive filters are available from this page to allow the generation of specific subsets of GO annotations, mapped to sequence identifiers of your choice.

QuickGO News



19 August 2011 - Changes to the Term Basket

Crystal structure papers:

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