

NCBI Homepage: Finding Resources

The image shows a screenshot of the NCBI homepage (www.ncbi.nlm.nih.gov) with several annotations. A red box highlights the 'All Databases' dropdown menu, with a text box stating 'Click the dropdown menu to find a particular resource'. A red arrow points from this text box to the dropdown menu. The dropdown menu is open, showing a list of resources. A red arrow points from the 'Gene' resource to the 'Gene' label, and another red arrow points from the 'PubMed' resource to the 'Pubmed' label.

www.ncbi.nlm.nih.gov

NCBI Resources How To

NCBI
National Center for
Biotechnology Information

All Databases Search

NCBI Home

Resource List (A-Z)

All Resources

Chemicals & Bioassays

Data & Software

DNA & RNA

Domains & Structures

Genes & Expression

Genetics & Medicine

Genomes & Maps

Homology

Literature

Proteins

Sequence Analysis

Taxonomy

Training & Tutorials

Variation

Welcome to NCBI

The National Center for Biotechnology Information provides access to a wide range of biomedical and genomic information.

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Get Started

- [Tools](#): Analyze data using NCBI tools
- [Downloads](#): Get NCBI data or software
- [How Tos](#): Learn how to accomplish specific tasks at NCBI
- [Submissions](#): Submit data to GenBank or other NCBI databases

NCBI Twitter feed

Keep up-to-date on data updates, resource announcements, and other information about what is going on at the NCBI.

GO

1 2 3 4 5 6 7 8

Resource List (A-Z)

All Resources

Chemicals & Bioassays

Data & Software

DNA & RNA

Domains & Structures

Gene

Genetics & Medicine

Genomes & Maps

Homology

Literature

Proteins

Sequence Analysis

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Variation

Recent

- ✓ All Databases
- All
- All Databases
- Assembly
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- Genome
- GEO DataSets
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- MedGen
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- NCBI Web Site
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- Nucleotide
- OMIM
- PMC
- PopSet
- Probe
- Protein
- Protein Clusters
- PubChem BioAssay
- PubChem Compound
- PubChem Substance
- PubMed
- PubMed Health

Gene

Pubmed

PART 1: Searching PubMed

Access PubMed website and type your search word in the text box.

Home - PubMed - NCBI x
www.ncbi.nlm.nih.gov/pubmed
NCBI Resources How To Sign in to NCBI
PubMed.gov
US National Library of Medicine
National Institutes of Health
PubMed dUTPase Advanced Search
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PubMed

PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

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Improving systematic reviews: Author @PaulGlasziou replies, "Manual extraction...should become a thing of the past." 1.usa.gov/1ABtQgD

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Article types

- Clinical Trial
- Review
- Customize ...

Text availability

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- Free full text
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Publication dates

- 5 years
- 10 years
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See also: [dUTPase Deoxyuridine triphosphatase in the Cr](#)
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For any entry in the results, click the associated title.

Search results

Items: 1 to 20 of 535

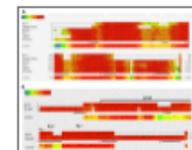
< First < Prev Page 1 of 27 Next > Last >>

- [Haemocytes collected from experimentally infected Pacific oysters.](#)
- 1. [Crassostrea gigas: Detection of ostreid herpesvirus 1 DNA, RNA, and proteins in relation with inhibition of apoptosis.](#)
Martenot C, Gervais O, Chollet B, Houssin M, Renault T.
PLoS One. 2017 May 18;12(5):e0177448. doi: 10.1371/journal.pone.0177448.
eCollection 2017.
PMID: 28542284 **Free PMC Article**
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- 2. Hagenkort A, Paulin CBJ, Desroses M, Sarno A, Wiita E, Mortusewicz O, Koolmeister T, Loseva O, Jemth AS, Almlöf I, Homan E, Lundbäck T, Gustavsson AL, Scobie M, Helleday T.
Oncotarget. 2017 Apr 4;8(14):23713-23726. doi: 10.18632/oncotarget.15785.
PMID: 28423595 **Free PMC Article**
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- [dutpase cancer](#)
- [dutpase inhibitor](#)
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PMC Images search for dUTPase



Select download option.
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PubMed US National Library of Medicine National Institutes of Health Advanced

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PLoS One. 2017 May 18;12(5):e0177448. doi: 10.1371/journal.pone.0177448. eCollection 2017.

Haemocytes collected from experimentally infected *Crassostrea gigas*: Detection of ostreid herpesvirus proteins in relation with inhibition of apoptosis.

Martenot C¹, Gervais O¹, Chollet B¹, Houssin M², Renault T³.

Author information

Abstract

Recent transcriptomic approaches focused on anti-viral immunity in mollusc the innate immune system, such as apoptosis, plays a crucial role against (OsHV-1), infecting Pacific cupped oyster, *Crassostrea gigas*. Apoptosis constitutes a major mechanism of anti-viral response by limiting viral spread and eliminating infected cells. In this way, an OsHV-1 challenge was performed and oysters were monitored at three times post injection to investigate viral infection and host response: 2h (early after viral injection in the adductor muscle), 24h (intermediate time), and 48h (just before first oyster mortality record). Virus infection, associated with high cumulative mortality rates (74% and 100%), was demonstrated in haemocytes by combining several detection techniques such as real-time PCR, real-time RT PCR, immunofluorescence assay, and transmission electron microscopy examination. High viral DNA amounts ranged from 5.46×10⁴ to 3.68×10⁵ DNA copies ng⁻¹ of total DNA, were detected in dead oysters and an increase of viral transcripts was observed from 2, 24, and 48hpi for the five targeted OsHV-1 genes encoding three putative membrane proteins (ORFs 25, 41, and 72), a putative dUTPase (ORF 75), and a putative apoptosis inhibitor (ORF 87). Apoptosis was studied at molecular and cellular levels with an early marker (phosphatidyl-serine externalisation measured by flow cytometry and epifluorescence microscopy) and a later parameter (DNA fragmentation by terminal

Similar articles

Ostreid herpesvirus type and host response in [V

Detection of Ostreid herp microvarian [J Invertebr

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In situ localization and ti distribution [J Invertebr

Review [Apoptosis and infections [Ann Biol Clin

Searching PubMed using author's names

NCBI Resources How To

PubMed.gov
US National Library of Medicine
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PubMed

Create RSS Create alert Advanced

1. Type *Abergel* – the name of the prospective author
2. Type *dUTPase* next to Abergel. Don't forget to put a single space between the search terms.

Article types

Clinical Trial
Review
Customize ...

Text availability

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Full text

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5 years
10 years
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Species

Humans

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Search results

Items: 2

- [The nucleoside diphosphate kinase from mimivirus: a peculiar affinity for deoxypyrimidine nucleotides.](#)
1. Jeudy S, Claverie JM, **Abergel C.**
J Bioenerg Biomembr. 2006 Aug;38(3-4):247-54.
PMID: 16957983
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- ["Hidden" dUTPase sequence in human immunodeficiency virus type 1 gp120.](#)
2. **Abergel C**, Robertson DL, Claverie JM.
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Abergel[All Fields] AND ("dUTP pyrophosphatase" [Supplementary Concept] OR "dUTP pyrophosphatase" [All Fields] OR "dutpase")
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[The nucleoside diphosphate kinase from mimivirus: a peculiar affinity for deoxypyrimidine nucleotides.](#)
Judy S, Claverie JM, **Abergel C.**
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Abergel[All Fields] AND ("dUTP pyrophosphatase" [Supplementary Concept] OR "dUTP pyrophosphatase" [All Fields] OR "dutpase")

Search See more...

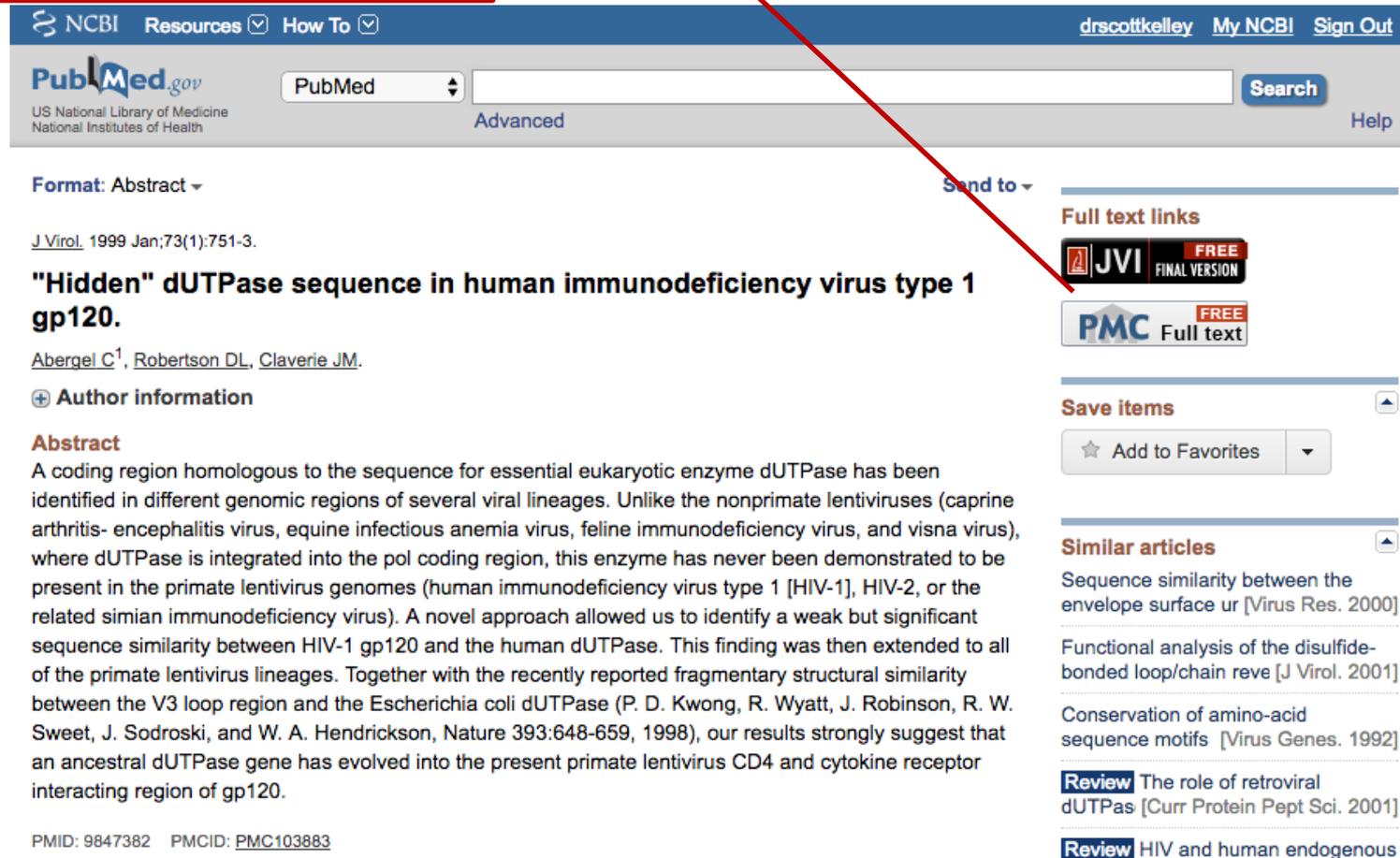
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Abergel dUTPase (2)

Select the article of interest and click here for full text.

Accessing the full text



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PubMed US National Library of Medicine National Institutes of Health

Format: Abstract

J Virol. 1999 Jan;73(1):751-3.

"Hidden" dUTPase sequence in human immunodeficiency virus type 1 gp120.

Abergel C¹, Robertson DL, Claverie JM.

Author information

Abstract

A coding region homologous to the sequence for essential eukaryotic enzyme dUTPase has been identified in different genomic regions of several viral lineages. Unlike the nonprimate lentiviruses (caprine arthritis-encephalitis virus, equine infectious anemia virus, feline immunodeficiency virus, and visna virus), where dUTPase is integrated into the pol coding region, this enzyme has never been demonstrated to be present in the primate lentivirus genomes (human immunodeficiency virus type 1 [HIV-1], HIV-2, or the related simian immunodeficiency virus). A novel approach allowed us to identify a weak but significant sequence similarity between HIV-1 gp120 and the human dUTPase. This finding was then extended to all of the primate lentivirus lineages. Together with the recently reported fragmentary structural similarity between the V3 loop region and the Escherichia coli dUTPase (P. D. Kwong, R. Wyatt, J. Robinson, R. W. Sweet, J. Sodroski, and W. A. Hendrickson, Nature 393:648-659, 1998), our results strongly suggest that an ancestral dUTPase gene has evolved into the present primate lentivirus CD4 and cytokine receptor interacting region of gp120.

PMID: 9847382 PMCID: [PMC103883](#)

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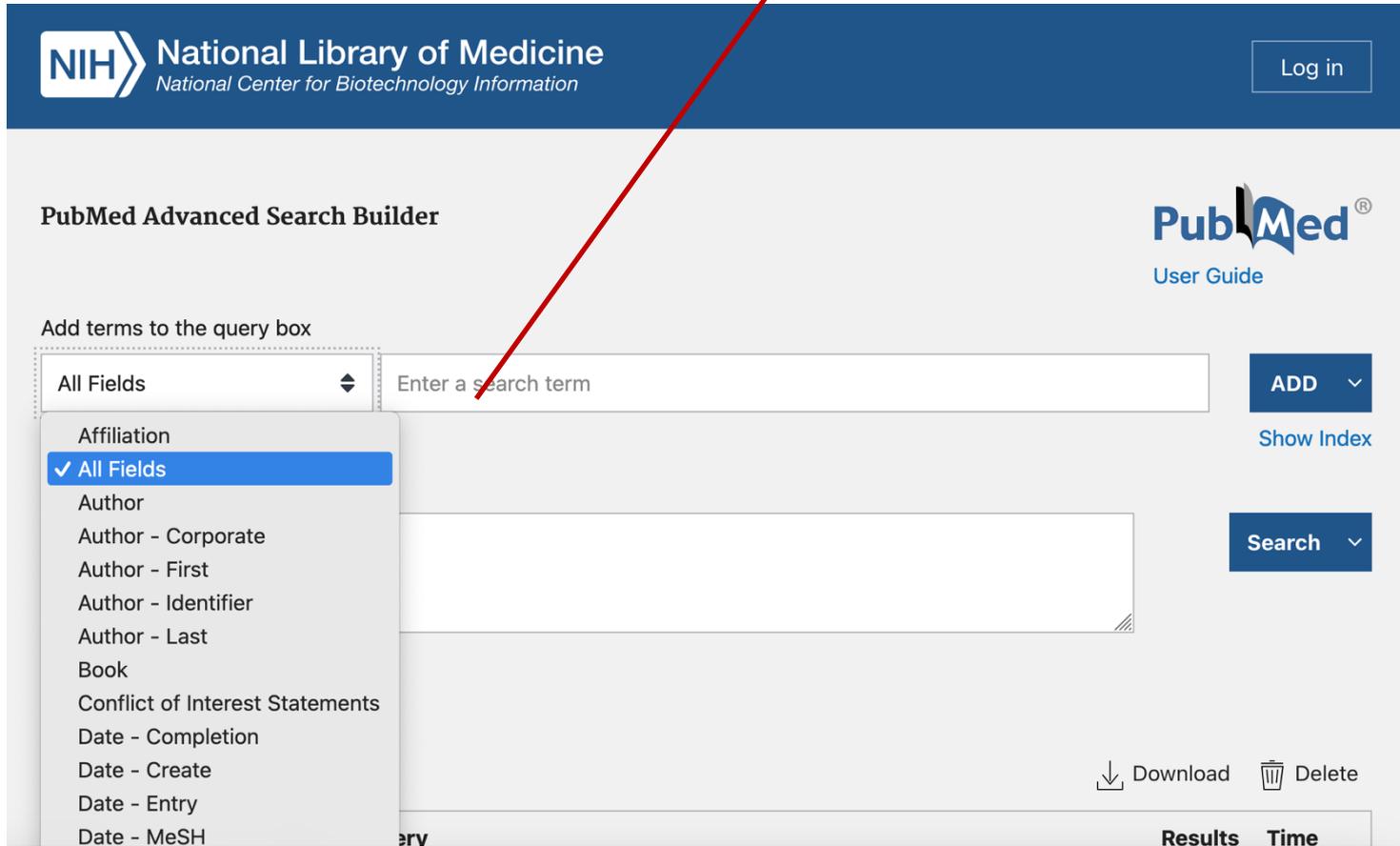
Review The role of retroviral dUTPas [Curr Protein Pept Sci. 2001]

Review HIV and human endogenous

Searching PubMed using fields using the Advanced option.



Type your search criteria



Searching specific fields in PubMed.

First, let us find the PubMed Record. This is the information behind the links.

Let's look at the PubMed file that corresponds to this reference. First click the checkbox.

This is the Pubmed file with all the information about the references in a simple text file. The letter codes on the left are the "fields".

San Diego[AD] Search

Advanced Create alert Create RSS User Guide

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158,283 results 1 item selected Clear selection

Topical anesthetic creams.

21 Kaweski S; Plastic Surgery Educational Foundation Techn...
Cite Plast Reconstr Surg. 2008 Jun;121(6):2161-2165. doi: 10...
Share PMID: 18520909 Review.

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TI = title

Then select "DISPLAY OPTIONS" PubMed

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23 Sazegar P, Martinez AN, Varallo MD.
Cite Am Fam Physician. 2023 May;107(5):Online.
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```
PMID- 18520909
OWN - NLM
STAT- MEDLINE
DCOM- 20080729
LR - 20210106
IS - 1529-4242 (Electronic)
IS - 0032-1052 (Linking)
VI - 121
IP - 6
DP - 2008 Jun
TI - Topical anesthetic creams.
PG - 2161-2165
LID - 10.1097/PRS.0b013e318170a7a4 [doi]
AB - Topical anesthetic creams have positive applications in plastic surgery
certain procedures, they can replace injected local anesthetics. By rep
injections with a topical cream, the negative effects associated with
such as pain, needle anxiety, and edema at the surgical site, are elim
variety of U.S. F approved topical anesthet
are available for be taken when prescribin
administering the is compounded in nonstand
can result in sev used appropriately, topic
anesthetic creams can provide a safe and effective alternative to other
anesthesia. This article provides an overview of topical anesthetic cre
including availability, composition, safety, and efficacy.
FAU - Kaweski, Susan
AU - Kaweski S
AD - San Diego, Calif.
CN - Plastic Surgery Educational Foundation Technology Assessment Committee
LA - eng
PT - Journal Article
PT - Review
PL - United States
TA - Plast Reconstr Surg
JT - Plastic and reconstructive surgery
JID - 1306050
RN - 0 (Anesthetics, Local)
RN - 0 (Lidocaine, Prilocaine Drug Combination)
RN - 0 (Ointments)
RN - 046035D44R (Prilocaine)
RN - 98PI200987 (Lidocaine)
SB - IM
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These Medline Fields can be used to narrow your search. Example:

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US National Library of Medicine
National Institutes of Health

PubMed

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Format: Abstract ▾

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Appl Environ Microbiol. 2004 Jul;70(7):4187-92.

Molecular analysis of shower curtain biofilm microbes.

Kelley ST¹, Theisen U, Angenent LT, St Amand A, Pace NR.

[+ Author information](#)

Abstract

Households provide environments that encourage the formation of microbial communities, often as biofilms. Such biofilms constitute potential reservoirs for pathogens, particularly for immune-compromised individuals. One household environment that potentially accumulates microbial biofilms is that provided by vinyl shower curtains. Over time, vinyl shower curtains accumulate films, commonly referred to as "soap

PART 2: Nucleotide Search (GenBank files)

The screenshot shows the NCBI website with a dropdown menu open. The menu lists various databases, and 'Nucleotide' is highlighted. A red box with the text 'Select NUCLEOTIDE' has an arrow pointing to the 'Nucleotide' option in the menu.

- ✓ All Databases
- Assembly
- BioProject
- BioSample
- BioSystems
- Books
- ClinVar
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- dbGaP
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- EST
- Gene
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- GTR
- HomoloGene
- MedGen
- MeSH
- NCBI Web Site
- NLM Catalog
- Nucleotide
- OMIM
- PMC
- PopSet
- Probe
- Protein
- Protein Clusters
- PubChem BioAssay
- PubChem Compound
- PubChem Substance
- PubMed

The screenshot shows the NCBI search bar. The dropdown menu is set to 'Nucleotide'. The search input field contains the accession number 'AH005568.2'. A red box with the text 'Put in the Accession number and Search' has an arrow pointing to the search input field.

Nucleotide AH005568.2

Nucleotide

Nucleotide

Advanced

NCBI is phasing out sequence GI numbers in September 2016. Please use accession.version! [Read more...](#)

GenBank

Send:

Homo sapiens dUTPase (DUT) gene, complete cds, alternatively spliced

GenBank: AH005568.2

[FASTA](#) [Graphics](#)

Go to:

LOCUS AH005568 5507 bp DNA linear PRI 10-JUN-2016

DEFINITION Homo sapiens dUTPase (DUT) gene, complete cds, alternatively spliced.

ACCESSION AH005568 AF018429 AF018430 AF018431 AF018432

VERSION AH005568.2 GI:1036029938

KEYWORDS .

SOURCE Homo sapiens (human)

ORGANISM [Homo sapiens](#)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;
Catarrhini; Hominidae; Homo.

PART 3: Genome Information Search

The image shows a screenshot of the NCBI website's 'Resources' dropdown menu. The menu is open, displaying a list of various biological databases and tools. The 'Genome' option is highlighted in blue. A red box is drawn around the 'Genome' text, with a red arrow pointing from the box to the 'Genome' item in the menu. The text 'Select Genome' is written inside the red box. The background shows the NCBI logo and a navigation menu with categories like 'NCBI Home', 'Resource List (A-Z)', 'All Resources', 'Chemicals & Bioassays', 'Data & Software', 'DNA & RNA', 'Domains & Structures', 'Genes & Expression', 'Genetics & Medicine', 'Genomes & Maps', 'Homology', 'Literature', 'Proteins', 'Sequence Analysis', 'Taxonomy', 'Training & Tutorials', and 'Variation'.

NCBI Resources How To

NCBI
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NCBI Home

Resource List (A-Z)

All Resources

Chemicals & Bioassays

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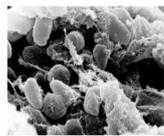


Search NCBI

yersinia pestis[orgn] × Search

Results found in 22 databases

TAXONOMY



Yersinia pestis

Yersinia pestis is a species of g-proteobacteria in the family Yersiniaceae.
Taxonomy ID: 632

 **Genomes**
Browse all Yersinia pestis genomes

Search term for the BLACK DEATH (Plague)

Retrieve all its genes

Literature	
Bookshelf	325
MeSH	41
NLM Catalog	45
PubMed	5,597
PubMed Central	11,113

Genes	
Gene	4,243
GEO DataSets	669
GEO Profiles	31,440
PopSet	55

Proteins	
Conserved Domains	13
Identical Protein Groups	117,896
Protein	1,291,711
Protein Family Models	76
Structure	293