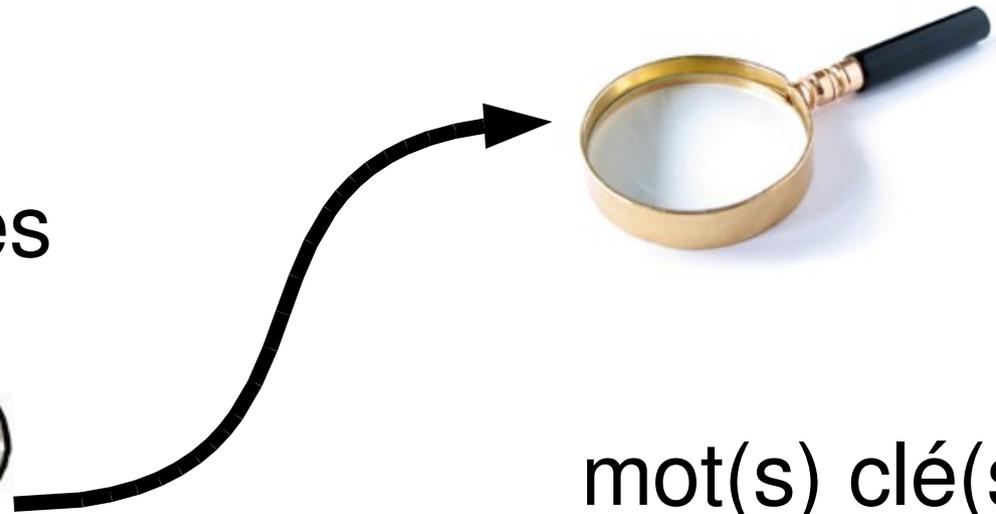
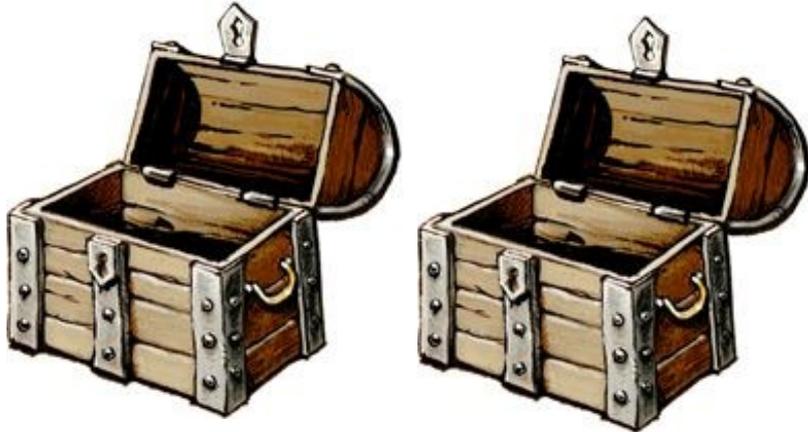




Interrogation en deux étapes

Choix
de la(les)
banque(s) de données



mot(s) clé(s)

Défaut Images

Groupes
de discussion

Utilitaires

The image shows a screenshot of the Google France homepage as seen in Microsoft Internet Explorer. The browser window title is "Google - Microsoft Internet Explorer". The address bar shows "http://www.google.fr/". The main content area features the Google logo with "France" underneath. Below the logo is a horizontal navigation bar with five tabs: "Web", "Images", "Groupes", "Répertoire", and "Actualités". The "Web" tab is currently selected and highlighted in blue. Below the navigation bar is a search input field, a "Recherche Google" button, and a "J'ai de la chance" button. To the right of the search field are links for "Recherche avancée", "Préférences", and "Outils linguistiques". Below the search area, there are radio buttons for "Web", "Pages francophones", and "Pages : France". At the bottom of the page, there are links for "Publicité", "Google Toolbar", "À propos de Google", and "Google.com in English", followed by "Google en page d'accueil". The footer contains the copyright notice "©2003 Google - Nombre de pages Web recensées par Google : 3,307,998,701." Four black arrows point from the text labels at the top to the navigation tabs: "Défaut" points to "Web", "Images" points to "Images", "Groupes de discussion" points to "Groupes", and "Utilitaires" points to "Actualités".

SRS Quick Search - Microsoft Internet Explorer

Fichier Edition Affichage Favoris Outils ?

Précédente Recherche Favoris Média

Adresse <http://srs.ebi.ac.uk/srsbin/cgi-bin/wgetz?-page+quickSearch+id+1aVxV1MGEpc> OK Liens

SRS@EMBL-EBI Quick Search Library Page Query Form Tools Results Projects Views Databanks HELP

SRS

Quick Search

Temporary Project

1aVxV1MGEpc

Tips

- ★ *Want to know more about using SRS?*
- go to the [Help Center](#) where you'll find all the searchable online help you need.
- ★ *Where is the old library page?*
- Click on the 'Library Page' tab on the menu bar.
- ★ *Linking to SRS?*
- Please read this [document](#) for important information regarding linking to our SRS server.
- ★ *Problems with SRS?*
- please email the [SRS administrator](#)

Quick Text Search

Get matching :

Searches Databanks: EMBL

[Search Tips](#)

News and Announcements

Important notes to users.

- 05.09.03 - EMBL Release 76 is now on-line.

[Search Tips](#)

Sélection des banques de données

Mots clés

Go!!



Entrez, The Life Sciences Search Engine

HOME SEARCH SITE MAP PubMed Entrez Human Genome GenBank Map Viewer BLAST

Search across databases GO CLEAR Help

Welcome to the new Entrez cross-database search page

- | | |
|--|---|
| PubMed: biomedical literature citations and abstracts ? | Books: online books ? |
| PubMed Central: free, full text journal articles ? | OMIM: online Mendelian Inheritance in Man ? |
| | Site Search: NCBI web and FTP sites ? |
| Nucleotide: sequence database (GenBank) ? | UniGene: gene-oriented clusters of transcript sequences ? |
| Protein: sequence database ? | CDD: conserved protein domain database ? |
| Genome: whole genome sequences ? | 3D Domains: domains from Entrez Structure ? |
| Structure: three-dimensional macromolecular structures ? | UniSTS: markers and mapping data ? |
| Taxonomy: organisms in GenBank ? | PopSet: population study data sets ? |
| SNP: single nucleotide polymorphism ? | GEO Profiles: expression and molecular abundance profiles ? |
| Gene: gene-centered information ? | GEO DataSets: experimental sets of GEO data ? |
| HomoloGene: eukaryotic homology groups ? | Cancer Chromosomes: cytogenetic databases ? |
| PubChem Compound: small molecule chemical structures ? | PubChem BioAssay: bioactivity screens of chemical substances ? |
| PubChem Substance: chemical substances screened for bioactivity ? | |

Entrez Protein - Microsoft Internet Explorer

Fichier Edition Affichage Favoris Outils ?

Précédente Recherche Favoris Média entrez ncbi

Adresse <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=Protein>

Google entrez ncbi

NCBI

Entrez Protein

Search Protein for [] Go Clear

Limits Preview/Index History Clipboard Details

The protein entries in the Entrez search and retrieval system have been compiled from a variety of sources, including SwissProt, PIR, PRF, PDB, and translations from annotated coding regions in GenBank and RefSeq.

Human Genome
Explore [human genome resources](#) or browse the human genome sequence using the [Map Viewer](#).

Additional protein information
In addition to Protein sequences, other protein-related information is available via Entrez. Search the [Structure](#) database by choosing, "Structure" from the Entrez pull down menu, [Conserved Domains Database](#) (CDD) by choosing, "Domains", and [3D Domains](#) by choosing, the "3D Domains" option.

Retrieve taxonomy information
The Entrez protein database is cross-linked to the [Entrez taxonomy database](#). This allows you to find taxonomy information for the species from which a protein sequence was derived. First, look up a protein in Entrez. A "Taxonomy" link appears to the right of each entry that is linked to the Entrez taxonomy database. To view all non-redundant taxonomy links for a search result, select "Taxonomy Links" from the drop-down menu above the search results and click on the "Display" button to the left of that menu.

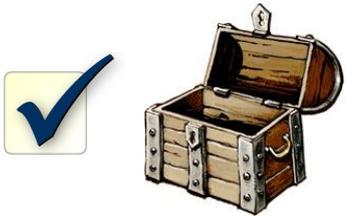
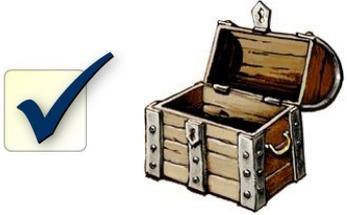
1 2

Terminé Internet

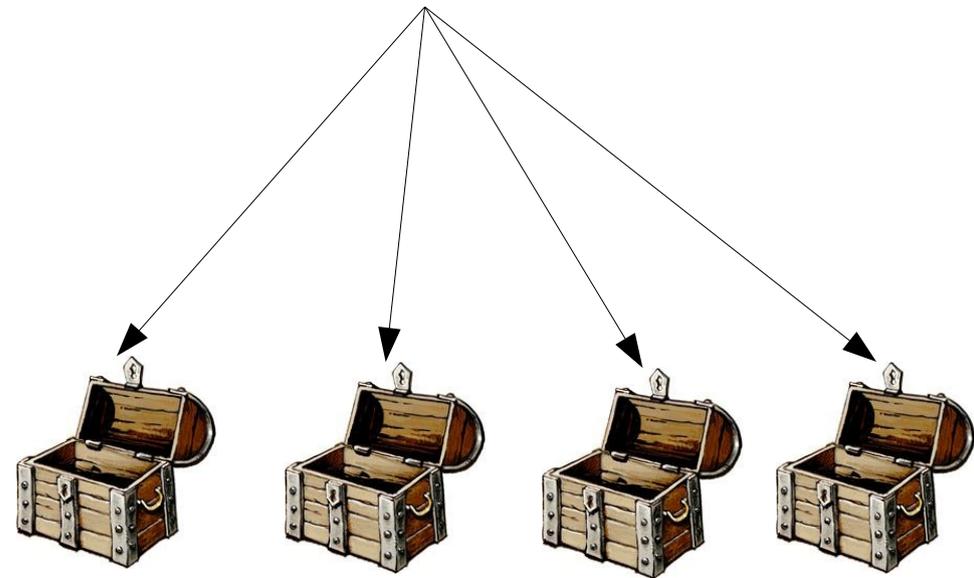


Choix de la(les) banque(s) de données

SRS



Entrez





- Quick Search
- Library Page
- Query Form
- Tools
- Results
- Projects
- Views
- Databanks



Reset Quick Search

Search Options

1. Select the **databanks** you want to search
2. Enter your **search terms** in the **Quick Search** box, or choose a **query form** from below

[Standard Query Form](#)

[Extended Query Form](#)

You can **browse** through all the **entries** in any **databanks**. First, **select the databanks** you want to browse, then click:

[Browse Entries](#)

Tips

▶ bookmark this [link](#) to return to your project

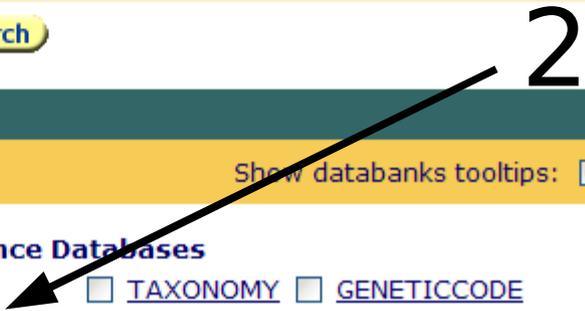
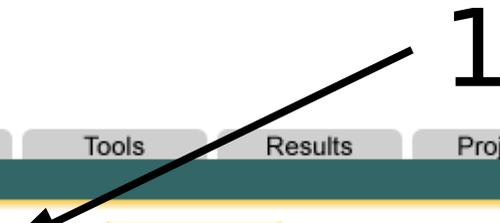
Available Databanks

Expand all Collapse all Show databanks tooltips:

- Literature, Bibliography and Reference Databases**
 - MEDLINE OMIM TAXONOMY GENETICCODE
 - Patent Abstracts KarynsGenomes
 - Literature, Bibliography and Reference Databases - subsections*
 - MEDLINE (Main Release) MEDLINE (Updates) OLDMEDLINE MED2PUR
- Nucleotide sequence databases**
- UniProt Universal Protein Resource**
 - UniProt UniParc UniRef100 UniRef90 UniRef50
 - UniProt/S
- Other protein s**
 - RefSeq P
 - USPTO P
 - To obtain comprehensive information on this databank, click the link*
- Protein sequer**
 - Refseq Proteome Release Refseq Proteome Updates
- Deprecated Protein Databases**
- Nucleotide related databases**
- Protein function databases**
- Protein structure databases**
- Enzymes, reactions and metabolic pathway databases**

UniProt: The Universal Protein Resource - produced by SIB,PIR and EBI.

To obtain comprehensive information on this databank, click the link



SRS

[Reset](#)

[Quick Search](#)

Search Options

1. Select the **databanks** you want to search
2. Enter your **search terms** in the **Quick Search** box, or choose a **query form** from below

[Standard Query Form](#)
[Extended Query Form](#)

You can **browse** through all the **entries** in any **databanks**. First, **select** the **databanks** you want to browse, then click:

[Browse Entries](#)

Available Databanks

[+ Expand all](#) [- Collapse all](#)

 Show databanks tooltips:

+ EMBOSS Results

- Sequence databanks - complete

 all EMBL SWISSPROT

- Sequence databanks - subsections

 all EMBL (Release) EMBL (Updates) SWISSPROT (Release) SWISSPROT (Updates)

- Tool Results

 all BLASTP BLASTN BLASTX TBLASTN
 TBLASTX CLUSTALW NCLUSTALW PROSITESEARCH
 RESTRICTIONMAP HMMBUILD

Tips

► bookmark this [link](#) to return to your project

Recherche simple par mots clés



- ★ Mots clés anglophones exclusivement.
 - Ex: insulin
- ★ Un seul mot.
 - Ex: amylase
- ★ Plusieurs mots à la suite:
 - Ex: amylase homo sapiens
- ★ Insensible à la casse
 - AmYIAsE = amylase = AMYLASE

Recherche simple par mots clés

Combiner plusieurs mots:

ET (AND)

OU (OR)

SAUF (BUTNOT)

&

| (AltGR + 6

!



- Kinase & amylase
(glucose & amylase) ! Kinase

Recherche d'une phrase

★"une phrase"

- Ex: "16S RNA"

Recherche d'un auteur

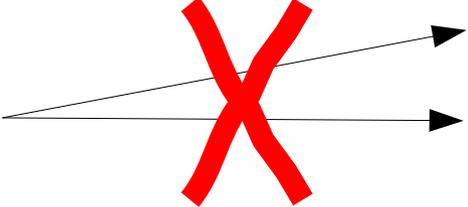
★<Nom> <initiale du prénom>

- Ex: dupont p

Mots clés:



- Sans accent ni ponctuation.
- Les mots de liaison (« petits mots ») non pris en compte.
- Pas de caractères joker.

Ex: bioinfo  bioinformatique
bioinfo* bioinformatics

- Si plusieurs mots clés, recherche des pages contenant TOUS les termes – Inclusion automatique de AND.
- Exclusion d'un mot clé avec le signe (-).
- Ajout du signe (+) pour forcer la recherche d'un mot à faible poids sémantique.

Ex: +le cours +de bioinformatique

- Mots clés anglophones préférables.

Recherche avancée



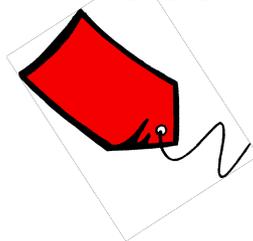
Recherche par descripteurs

auteur

publication

organisme

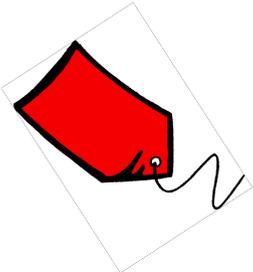
etc.



descripteur



mot(s) clé(s)



descripteur



mot(s) clé(s)



A service of the National Library of Medicine and the National Institutes of Health

My NCBI [Sign In] [Register]

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for [] Go Clear

Limits Preview/Index History Clipboard Details

Limit your search by any of the following criteria.

Search by Author Add Author CLEAR

Search by Journal Add Journal CLEAR

Full Text, Free Full Text, and Abstracts CLEAR

Links to full text Links to free full text Abstracts

Dates CLEAR

Published in the Last: Any date

Added to PubMed in the Last: Any date

Humans or Animals CLEAR

Humans Animals

Gender CLEAR

Male Female

Languages CLEAR

English French

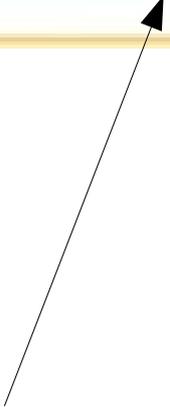
Subsets CLEAR

Journal Groups Core clinical journals

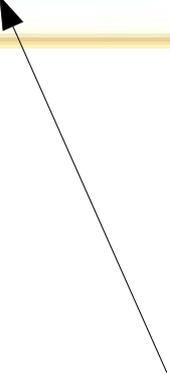
- About Entrez
Text Version
Entrez PubMed
Overview
Help | FAQ
Tutorials
New/Noteworthy
E-Utilities
PubMed Services
Journals Database
MeSH Database
Single Citation
Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI
Related Resources
Order Documents
NLM Mobile
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts

[Quick Searches](#)[Select Databanks](#)[Query Form](#)[Tools](#)[Results](#)[Projects](#)[Custom Views](#)[Information](#)**SRS**

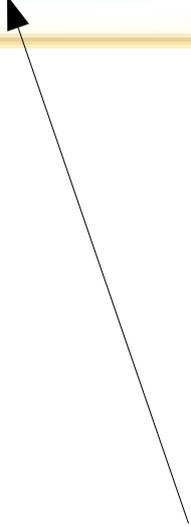
Recherche simple



Recherche avancée



Sélection des bases de données
(uniquement pour recherche avancée)





Reset search UniProtKB

Search Options

Combine search terms with: & (AND)

Use wildcards

Get results of type: Entry

Result Display Options

View results using: UniprotView

or

Create a view

Show 30 results per page

Tips

To do more advanced queries, use the **Extended**

Fields you can search | **Your search terms**

In a single field, you can separate multiple values by &, |, ! Search

<input type="checkbox"/> AllText	

Create a view

Select the fields you want displayed in your view and choose the format

Choose 1 or more fields:

- ID
- EntryName
- AccessionNumber
- Creation Date
- Seq Mod Date
- Annot Mod Date
- Description

Display As: Table List

Sequence Format: swiss

Search

Search Options

Combine search terms with:

Use wildcards

Get results of type:

Result Display Options

View results using:

or

Create a view using selected fields

Sequence Format:

Show results per page

Tips

You can also use the **Standard Query** Form.

Fields you can search **Your search terms** **Create a view**

In a single field, you can separate multiple values by &, |, ! Search

AllText	<input type="text"/>	
ID	<input type="text"/>	<input type="checkbox"/>
EntryName	<input type="text"/>	<input type="checkbox"/>
AccessionNumber	<input type="text"/>	<input type="checkbox"/>
Creation Date	select <input type="text" value="1"/> Jan <input type="text" value="YYYY"/> 1 <input type="text" value="Jan"/> <input type="text" value="YYYY"/>	<input type="checkbox"/>
Seq Mod Date	select <input type="text" value="1"/> Jan <input type="text" value="YYYY"/> 1 <input type="text" value="Jan"/> <input type="text" value="YYYY"/>	<input type="checkbox"/>
Annot Mod Date	select <input type="text" value="1"/> Jan <input type="text" value="YYYY"/> 1 <input type="text" value="Jan"/> <input type="text" value="YYYY"/>	<input type="checkbox"/>
Description	<input type="text"/>	<input type="checkbox"/>
Gene Name	<input type="text"/>	<input type="checkbox"/>
Synonym	<input type="text"/>	<input type="checkbox"/>
Ordered Locus Names	<input type="text"/>	<input type="checkbox"/>
ORF Names	<input type="text"/>	<input type="checkbox"/>
ECNumber	<input type="text"/>	<input type="checkbox"/>
Organism Name	<input type="text"/>	<input type="checkbox"/>
Species	<input type="text"/>	<input type="checkbox"/>
Taxonomy	<input type="text"/>	<input type="checkbox"/>
Organelle	<input type="text"/>	<input type="checkbox"/>
NCBI_TaxId	<input type="text"/>	<input type="checkbox"/>
TaxCount	>= <input type="text"/> <= <input type="text"/>	<input type="checkbox"/>
Organism Host TaxId	<input type="text"/>	<input type="checkbox"/>
Organism Host Name	<input type="text"/>	<input type="checkbox"/>

Recherche sophistiquée



Expressions "régulières" ou rationnelles

'.' : un joker, qui représente un **caractère unique quelconque** (xxx sauf caractères de contrôle et fin de ligne ?).

'[]' : des **classes de caractères** entre crochets [].

'^' : au début d'une classe de caractères entre crochets, signifie qu'on considère le complément de cette classe (l'ensemble des caractères qui ne sont pas dans la classe).

'^' et '\$' : représentent respectivement un **début** et une **fin** de ligne.

'+' : spécificateur de quantité: exprime "**ce qui précède, répété une fois ou plus**".

'?' : spécificateur de quantité: "**zéro ou une fois ce qui précède**".

'|' : l'opérateur de choix, c'est-à-dire l'union ensembliste.

Expressions "régulières" ou rationnelles

Exemples

- ".ac" représente les mots de trois lettres qui se terminent par "ac"
- "[a-z]" correspond à n'importe quelle lettre minuscule (non-accentuée)
- "[^a-z]" correspond à n'importe quel caractère qui n'est pas une lettre minuscule non-accentuée
- "[st]ac" représente entre autres "sac" et "tac"
- "[^f]ac" représente les mots de trois lettres qui se terminent par "ac" et ne commencent pas par "f"
- "^[st]ac" représente les mots "sac" et "tac" en début de ligne
- "[st]ac\$" représente les mots "sac" et "tac" en fin de ligne
- "^trac\$" représente le mot "trac" seul sur une ligne

"chat|chien" : représente les mots "chat" et "chien" (et seulement eux).

"([cC]hat|[cC]hien)" : représente "chat", "Chat", "chien" et "Chien".

"ch+t" : représente "cht", "chht", "chhht", etc.

"a[ou]+" : représente "aou", "ao", "auuu", "aououuuou" etc.

"peu[xt]?" : représente "peu", "peux" et "peut".

Expressions "régulières"

Syntaxe: */entouré par des barres obliques /*

★ Symboles : ^\$.[]()*+?

- /[^]j..\$/

- /[^]5[0-9][0-9][0-9]\$/

- /[^]nif[a-e]\$/

- /[^]mue?ller\$/



Search Protein for (glucose AND amylase) NOT kinase Go Clear

Limits Preview/Index History Clipboard Details

- About Entrez
- Entrez Protein Help | FAQ
- Entrez Tools
- Check sequence revision history
- LinkOut
- Related resources BLAST
- Reference sequence project
- Search for Genes
- Clusters of orthologous groups
- Protein reviews on the web
- Search for full length

Query Translation:

```
((glucose[All Fields] AND amylase[All Fields]) NOT kinase[All Fields])
```

Search URL

Result:

75

Database:

Protein

User query:

(glucose AND amylase) NOT kinase

term [field] OPERATOR term [field]

[ACCN] : Accession Number	[PROP] Properties of the sequence.
[ALL] : All fields	[PROT] Protein Name
[AUTH] : Author	[PDAT] Publication Date
[KYWD] : Keyword	[SQID]SeqID String
[MDAT]Modification Date YYYY/MM/DD	[SLEN] Sequence Length
[MOLWT] Molecular Weight	[SUBS] Substance (any chemicals) Name
[ORGN] Organism	[WORD] Text Word
[PAGE] Page Number	[TITL] Title Word
[PACC] Primary Accession	[UID] Contains the Medline unique ID
	[VOL] Volume number of the journal

★All human protein sequences with lengths between 50 and 60 amino acids that were entered into the database during 1999

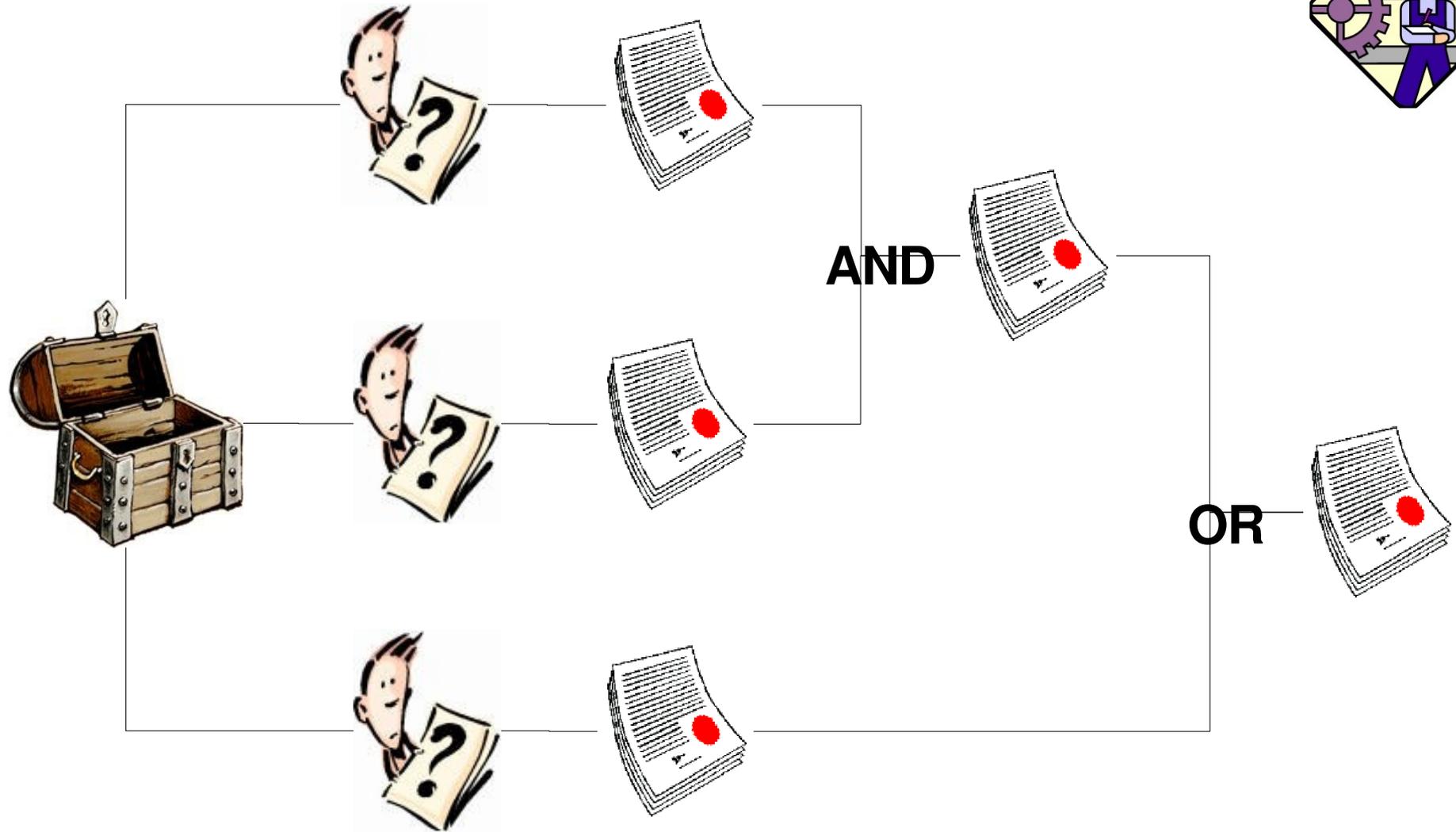
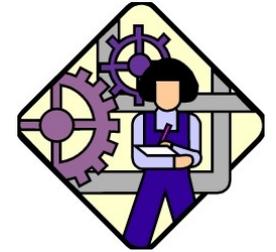
★Drosophila population studies published in the Journal of Molecular Evolution

Réponses

:human[ORGN] AND 50[SLEN]:60[SLEN] AND 1999[MDAT]

j mol evol[JOUR] AND drosophila[ORGN]

Combinaison de requêtes



Entrez Protein - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=Clear%20History&DB=protein

Hotmail Personnaliser les liens Windows Media Windows

Entrez Help Document: Nucleotide - Protein ... Entrez Protein

NCBI

Entrez Protein

Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy Books

Search Protein for (#6) AND #7 Preview Go Clear

Limits Preview Index **History** Clipboard Details

Query #5 deleted

- Search History will be lost after eight hours of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.
- Click on query # to add to strategy

Search	Most Recent Queries	Time	Result
#6	Search hiv Field: All Fields	09:03:46	130697
#7	Search protease	09:02:33	56701
#4	Search 20000:30000 Field: Molecular Weight	08:56:25	15452
#3	Search 2002 Field: Molecular Weight	08:56:13	0
#2	Search 2004 Field: Molecular Weight	08:56:05	0
#1	Search (glucose AND amylase) NOT kinase	08:49:49	75

Clear History

Done

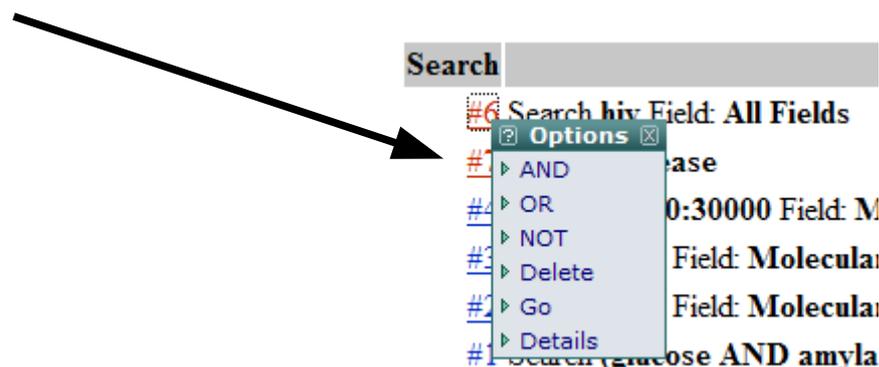
Search	Most Recent Queries	Time	Result
#6	Search hiv Field: All Fields	09:03:46	130697
#7	Search protease	09:02:33	56701

1



A screenshot of a search interface showing a dropdown menu for query #6. The menu is open, displaying options: AND, OR, NOT, Delete, Go, and Details. The background shows the search results for query #6: "Search hiv Field: All Fields".

2



A screenshot of a search interface showing a dropdown menu for query #6. The menu is open, displaying options: AND, OR, NOT, Delete, Go, and Details. The background shows the search results for query #6: "Search hiv Field: All Fields".

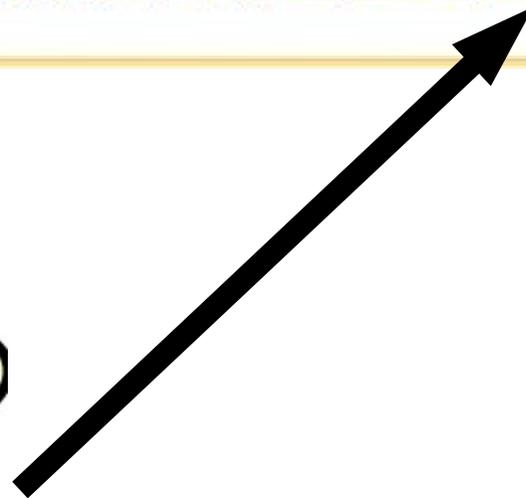
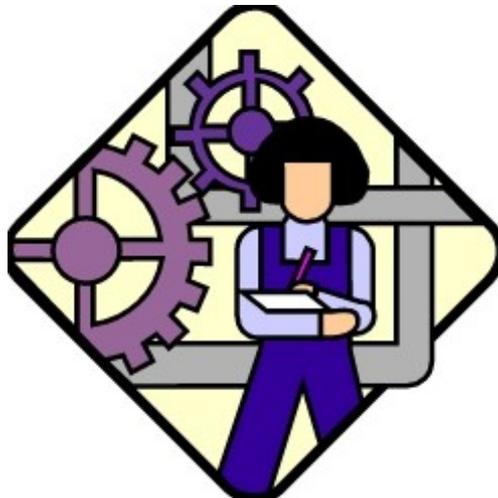
(#6) AND #7

Search	Most Recent Queries	Time	Result
#8	Search (#6) AND #7	09:09:08	23798
#6	Search hiv Field: All Fields	09:03:46	130697
#7	Search protease	09:02:33	56701

Query Manager



SRS



Results Options

Options are **applied** to **selected** queries only

Save results: [Save](#)

Delete results: [Delete](#)

Combine queries
with:
[Combine](#)

Find related info: [Link](#)



Reset

Search using a query expression:

Search

Results Options

Options are **applied to selected** queries only

Save results: [Save](#)

Delete results: [Delete](#)

Combine queries

with: & (AND)

[Combine](#)

Find related info: [Link](#)

Results Display Options

View results using:

default view

Show 30

results per page

[Rerun Query](#)

Result History

Name	Type	Total No.	From	No.	Query Expression	Comment
<input type="checkbox"/> Q4	link	326	SWISSPROT	326	((L2=[swissprot-AllText	
<input type="checkbox"/> Q3	link	19	SWISSPROT	19	([swissprot-AllText:hyd	
<input type="checkbox"/> Q2	link	31	PDB	31	([swissprot-AllText:hyd	
<input checked="" type="checkbox"/> Q1	query	345	SWISSPROT	345	[swissprot-AllText:hydr	



Reset

Search using a query expression:

Results Options

Options are **applied** to **selected** queries only

Save results:

Delete results:

Combine queries with:

Find related info:

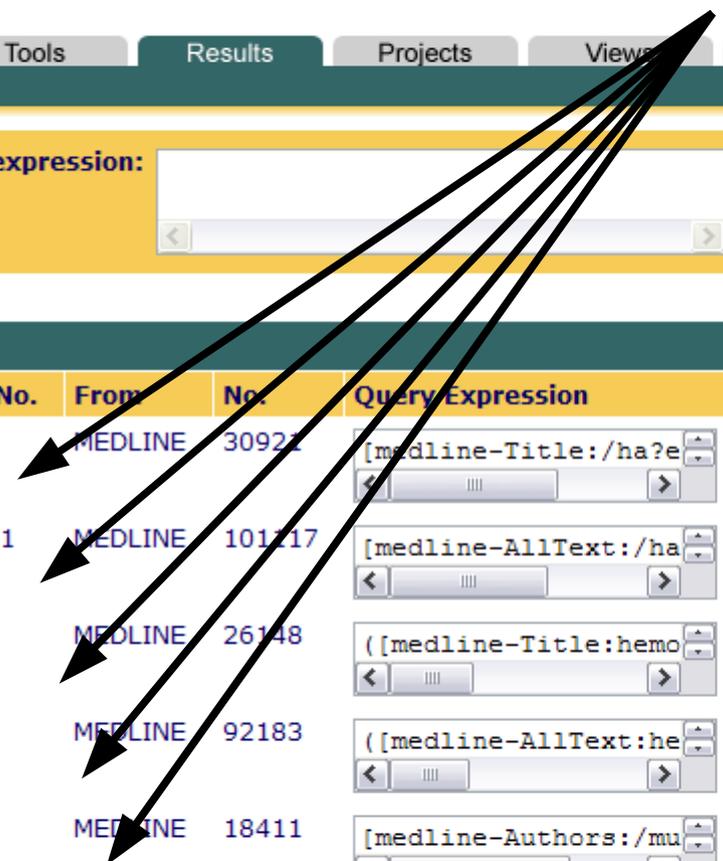
Results Display Options

View results using:

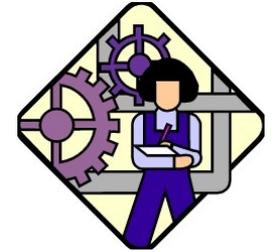
Show results per page

Result History

Name	Type	Total No.	From	No.	Query Expression	Comment
<input type="checkbox"/> Q7	query	32279	MEDLINE	30922	[medline-Title:/ha?e	<input type="text"/>
<input type="checkbox"/> Q6	query	108141	MEDLINE	101217	[medline-AllText:/ha	<input type="text"/>
<input type="checkbox"/> Q5	query	27230	MEDLINE	26148	([medline-Title:hemo	<input type="text"/>
<input type="checkbox"/> Q4	query	98527	MEDLINE	92183	([medline-AllText:he	<input type="text"/>
<input checked="" type="checkbox"/> Q3	query	20395	MEDLINE	18411	[medline-Authors:/mu	<input type="text"/>
<input checked="" type="checkbox"/> Q2	query	716	EMBL	716	[embl-ALLTEXT:/^nif[<input type="text"/>



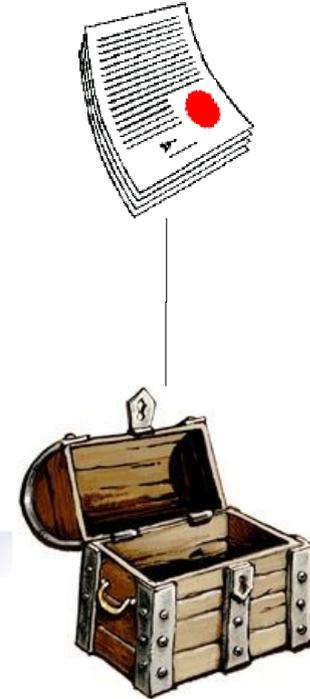
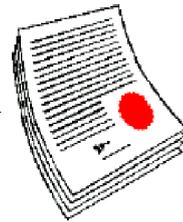
Redirection



([swissprot-AllText:hydrogenase*] > PDB)



Banque #1



Banque #2



Quick Search

Library Page

Query Form

Tools

Results

Projects

Views

Databanks

HELP



Reset

Quick Search

Search Options

1. Select the **databanks** you want to search

2. Enter your **search terms** in the **Quick Search** box, or choose a **query form** from below

[Standard Query Form](#)

[Extended Query Form](#)

You can **browse** through all the **entries** in any **databanks**. First, **select** the **databanks** you want to browse, then click:

[Browse Entries](#)

Tips

- ▶ bookmark this [link](#) to return to your project
- ▶ [Linking to SRS?](#)
- Please read this [document](#)

Available Databanks

[Expand all](#) [Collapse all](#)

Show databanks tooltips:

- Literature, Bibliography and Reference Databases**
- Nucleotide sequence databases**
- UniProt Universal Protein Resource**
 - all UniProt UniParc UniRef100 UniRef90 UniRef50
 - UniProt/Swiss-Prot UniProt/TrEMBL
- Other protein sequence databases**
- Deprecated Protein Databases**
- Nucleotide related databases**
- Protein function databases**
- Protein structure databases**
- Enzymes, reactions and metabolic pathway databases**
- Mutation and SNP databases**
- Gene ontology resources**
- Biological Resources Catalogues (CABRI)**
- Mapping databases**
- Other databases**
- User owned databases**
- Application result databases**
- EMBOSS result databases**



Reset search UniProt/Swiss-Prot

Search Options

Combine search terms with:

Use wildcards

Get results of type:

Result Display Options

View results using:

or

Create a view

Show results per page

Tips

To do more advanced

Fields you can search	Your search terms
In a single field, you can separate multiple values by &, , ! Search	
<input type="text" value="AllText"/>	hydrogenase
<input type="text" value="AllText"/>	
<input type="text" value="AllText"/>	
<input type="text" value="AllText"/>	

Create a view

Select the fields you want displayed in your view and choose the format

Choose 1 or more fields:

Display As: Table List

Sequence Format:

Search



HELP

Reset

Query "[swissprot-AllText:hydrogenase*]" found 345 entries

next

Apply Options to:

- selected results only
- unselected results only

Result Options

Launch analysis tool:

BlastP

Show tools relevant to these results:

Link to related information:

Save results:

Display Options

View results using:

UniprotView

UniProt/Swiss-Prot	Accession	Description	GeneName	Species	Key
<input type="checkbox"/> UniProt/Swiss-Prot:CYBH_ALCEU	P31898	Probable Ni/Fe-hydrogenase B-type cytochrome subunit.	HOXZ	ALCALIGENES EUTROPHUS	Electro transp Heme Plasmid Transm
<input type="checkbox"/> UniProt/Swiss-Prot:HOXA_ALCEU	P29267	Hydrogenase transcriptional regulatory protein hoxA.	HOXA	ALCALIGENES EUTROPHUS	Activat ATP-bir DNA-bir Phosph Plasmid Sensor transdu Transci regulat Two-cc regulat system
<input type="checkbox"/> UniProt/Swiss-Prot:HOXF_ALCEU	P22317	NAD-reducing hydrogenase hoxS alpha subunit (EC 1.12.1.2).	HOXF	ALCALIGENES EUTROPHUS	4Fe-4S Direct j sequen Flavopr FMN Iron-su NAD Oxidore



Quick Search

Library Page

Query Form

Tools

Results

Projects

Views

Databanks

HELP



Reset

Results Options

Options are **applied** to **selected** queries only

Save results: [Save](#)

Delete results: [Delete](#)

Combine queries

with: & (AND)

[Combine](#)

Find related info: [Link](#)

Results Display Options

View results using:

default view

Show 30

results per page

[Rerun Query](#)

Search using a query expression:

[Search](#)

Result History

Name	Type	Total No.	From	No.	Query Expression	Comment
<input checked="" type="checkbox"/> Q1	query	345	SWISSPROT	345	[swissprot-AllText:hydr	



Quick Search

Library Page

Query Form

Tools

Results

Projects

Views

Databanks

HELP

Reset

Find entries related to current query: "[swissprot-AllText:hydrogenase*]" in other databanks

Link Options

Select the **databanks** you want to search for **related information**

- Find **related** entries
- Refine Query - **show only results with related entries**
- Show** only results **without** related entries

Search

Display Options

Show 30 results per page

Databanks Available to Link to

Expand all Collapse all

To Parent Entry

- Literature, Bibliography and Reference Databases
- Nucleotide sequence databases
- UniProt Universal Protein Resource
- Other protein sequence databases
- Deprecated Protein Databases
- Nucleotide related databases
- Protein function databases
- Protein structure databases
 - all
 - DSSP
 - FSSP
 - HSSP
 - PDB
 - PDBFINDER
 - RESID
- Enzymes, reactions and metabolic pathway databases
- Mutation and SNP databases
- Gene ontology resources
- Biological Resources Catalogues (CABRI)
- Mapping databases
- Other databases
- User owned databases
- Application result databases
- EMBOSS result databases

1

2



HELP

Reset

Query "[swissprot-AllText:hydrogenase*] > PDB)" found 31 entries

Apply Options to:

- selected results only
- unselected results only

Result Options

Show tools relevant to these results: [Tools](#)

Link to related information: [Link](#)

Save results: [Save](#)

Display Options

View results using:

* Names only *

Sort results by:

unsorted

- [PDB:1AA6](#)
- [PDB:1AYG](#)
- [PDB:1C4A](#)
- [PDB:1C4C](#)
- [PDB:1CC1](#)
- [PDB:1CFZ](#)
- [PDB:1FDI](#)
- [PDB:1FDO](#)
- [PDB:1FEH](#)
- [PDB:1FRF](#)
- [PDB:1FRV](#)
- [PDB:1GWS](#)
- [PDB:1GXT](#)
- [PDB:1GXU](#)
- [PDB:1H29](#)
- [PDB:1H2A](#)
- [PDB:1H2R](#)
- [PDB:1HFE](#)
- [PDB:1JQK](#)
- [PDB:1L5P](#)
- [PDB:1SU8](#)
- [PDB:1UBH](#)
- [PDB:1UBJ](#)

Présentation des résultats



Search Protein for (glucose AND amylase) NOT kinase Go Clear

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Send to Text

Items 1 - 20 of 75

Page 1 of 4 Next

- 1: [O43451](#) BLink, Domains, Links
Maltase-glucoamylase, intestinal [Includes: Maltase (Alpha-glucosidase); Glucoamylase (Glucan 1,4-alpha-glucosidase)]
gi|21431783|sp|O43451|MGA_HUMAN[21431783]
- 2: [P29750](#) BLink, Domains, Links
Alpha-amylase precursor (1,4-alpha-D-glucan glucanohydrolase)
gi|231548|sp|P29750|AMY_THECU[231548]
- 3: [P22998](#) BLink, Domains, Links
Alpha-amylase precursor (1,4-alpha-D-glucan glucanohydrolase)
gi|113822|sp|P22998|AMY_STRVL[113822]
- 4: [P19269](#) BLink, Domains, Links
Alpha-amylase 1 precursor (1,4-alpha-D-glucan glucanohydrolase 1)
gi|113768|sp|P19269|AMY1_DEBOC[113768]
- 5: [P25718](#) BLink, Domains, Links
Alpha-amylase precursor (1,4-alpha-D-glucan glucanohydrolase)

- About Entrez
- Entrez Protein Help | FAQ
- Entrez Tools
- Check sequence revision history
- LinkOut
- Related resources BLAST
- Reference sequence project
- Search for Genes
- Clusters of orthologous groups
- Protein reviews on the web
- Search for full length

Limits Preview/index History Clipboard Details

Display FASTA Show: 20 Send to Text

Items 1 - 20 of 13798 Page 1 of 1190 Next

1: [P10265](#) BLink, Links
HERV-K_5q33.3 provirus ancestral Pro protein (HERV-K10 Pro protein) (HERV-K107 Pro protein) (Protease) (Proteinase) (PR)
gi|52001472|sp|P10265|VK10_HUMAN[52001472]



Limits Preview/index History Clipboard Details

Display FASTA Show: 20 Send to File Get Subsequence

1: [P10265](#). HERV-K_5q33.3 pro...[gi:52001472]

```
>gi|52001472|sp|P10265|VK10_HUMAN HERV-K_5q33.3 provirus ancestral Pro protein (HERV-K10 Pro protein) (HERV-K107 Pro
WASQVSENRPVCKAIIQGKQFEGLVDTGADVSIIALNQWPKNWPQKAVTGLVGIGTASEVYQSMEILHC
LGPDNQESTVQPMITSIPLNLWGRDLLQQWGAEITMPAPLYSPTSQKIMTKMGYIPGKGLGKNEDGIKVP
VEAKINQEREGIGYPF
```

Limits Preview/Index History Clipboard Detail

Display FASTA Show: 20 Send to File Get Subsequence

1: [P10265](#). HERV-K_5q33.3 pro...[gi:52001472]

```
>gi|52001472|sp|P10265|VK10_HUMAN HERV-K_5q33.3 provirus ancestral Pro protein (HERV-K10 Pro protein) (HERV-K107 Pro
WASQVSENRFVCKAIIQGKQFEGLVDTGADVSIIALNQPKNWPKQKAVTGLVGIGTASEVYQSMEILHC
LGPDNQESTVQPMITSIPLNLWGRDLLQQWGAEITMFAPLYSPTSQKIMTKMGYIPGKGLGKNEDGIKVP
VEAKINQEREGIGYPF
```

Text

File

ClipBoard

- * Names only *
 - * Complete entries *
 - SeqSimpleView
 - UniprotView
 - UniprotCommentView
 - UniprotFeatureView
 - UniprotReferenceView
 - UniprotLinkView
 - UniprotDateView
 - UniprotOrgView
 - FastaSeqs**
 - SwissView
 - proteinChart
 - UniProtXML
 - SeqSimpView
 - Fasta2Seqs
 - SW_Nicedom
 - SW_InterProMatches
- FastaSeqs

Fields you can search | **Your search terms**

In a single field, you can separate multiple values by &, |, ! ▶▶▶ Search

i	AllText	▼	kinase
i	AllText	▼	
i	AllText	▼	
i	AllText	▼	

Create a view

Select the fields you want displayed in your view and choose the format

Choose 1 or more fields: Display As: Table List

- ID
- EntryName
- AccessionNumber
- Creation Date
- Seq Mod Date
- Annot Mod Date
- Description

Sequence Format: swiss ▼

▶▶▶ Search

Tips

To do more advanced queries, use the [Extended Query Form](#).



Reset

Query "[uniprot-AllText:kinase*]" found 81052 entries

next

Apply Options to:

- selected results only
- unselected results only

Result Options

Launch analysis tool:

BlastP

Show tools relevant to these results:

Link to related information:

Save results:

Display Options

View results using:

FastaSeqs

>uniprot|P42644|14333_ARATH 14-3-3-like protein GF14 psi (General regulatory factor 3) (14-3-3- like prote.
MSTREENVYMAKLAEQAEERYEEMVEFMEKVAKTVDVEELSVEERNLLSVAYKNVIGARRA
SWRIISSIEQKEESKGNEDHVAIKDYRGEIESELSKICDGIILNVLEAHLIPASPAESK
VFYLMKMGDYHRYLAEFKAGAERKEAAESTLVAYKSASDIATAELAPTHPIRLGLALNFS
VFYYEILNSPDRACSLAKQAFDDAIAELDTLGEESYKDSTLIMQLLRDNLTLWTSDMTDE
AGDEIKEASKPDGAE

>uniprot|P48349|14336_ARATH 14-3-3-like protein GF14 lambda (General regulatory factor 6) (14-3-3- like pr
MAATLGRDQYVYMAKLAEQAEERYEEMVQFMEQLVTGATPAEELTVEERNLLSVAYKNVIG
SLRAAWRIVSSIEQKEESRKNDEHVSIVKDYRSKVESELSSVCSGILKLLDLSHLIPASGA
SESKVFYLMKMGDYHRYMAEFKSGDERKTAEDTMLAYKAAQDIAAADMAPTHPIRLGLA
LNFSVFYYEILNSSDKACNMAKQAFEEAIAELDTLGEESYKDSTLIMQLLRDNLTLWTSD
MQEQMDEA

>uniprot|P29305|1433A_HORVU 14-3-3-like protein A (14-3-3A).
MSTAEATREENVYMAKLAEQAEERYEEMVEFMEKVAKTADVVELTVEERNLLSVAYKNVIG
ARRASWRIISSIEQKEESRGNEAYVASIKEYRTRIETELSKICDGIILKLLDLSHLVPSATA
AESKVFYLMKMGDYHRYLAEFKAGAERKEAAENTLVAYKSAQDIALADLPTTHPIRLGLA
LNFSVFYYEILNSPDRACNLAKQAFDEAIAELDSLGEESYKDSTLIMQLLRDNLTLWTSD
NAEEGGDEIKEAASKPEGEGHS

>uniprot|P68250|1433B_BOVIN 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1).
TMDKSELVQKAKLAEQAEERYDDMAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSW
RVISSIEQKTERNEKKQMQGKEYREKIEAELQDICNDVLQLLDKYLI PNATQPESKVFYL
KMKGDYFRYLSEVASGDNKQTTVNSNSQQAYQEAFEISKEMQPTHPIRLGLALNFSVFYY
EILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQDDEGDA
GEGEN

>uniprot|P31946|1433B_HUMAN 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Pro
TMDKSELVQKAKLAEQAEERYDDMAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSW
RVISSIEQKTERNEKKQMQGKEYREKIEAELQDICNDVLELLDKYLI PNATQPESKVFYL
KMKGDYFRYLSEVASGDNKQTTVNSNSQQAYQEAFEISKEMQPTHPIRLGLALNFSVFYY
EILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQDDEGDA
GEGEN

Entrez Protein - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=Clear%20History&DB=protein

Hotmail Personnaliser les liens Windows Media Windows

Entrez Help Document: Nucleotide - Protein ... Entrez Protein

NCBI

Entrez Protein

Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy Books

Search Protein for (#6) AND #7 Preview Go Clear

Limits Preview Index **History** Clipboard Details

Query #5 deleted

- Search History will be lost after eight hours of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.
- Click on query # to add to strategy

Search	Most Recent Queries	Time	Result
#6	Search hiv Field: All Fields	09:03:46	130697
#7	Search protease	09:02:33	56701
#4	Search 20000:30000 Field: Molecular Weight	08:56:25	15452
#3	Search 2002 Field: Molecular Weight	08:56:13	0
#2	Search 2004 Field: Molecular Weight	08:56:05	0
#1	Search (glucose AND amylase) NOT kinase	08:49:49	75

Clear History

Done

Mots clés

★ Un seul mot.

- Ex: amylase

★ Combiner plusieurs mots sur la même ligne:

ET (AND)

AND

OU (OR)

OR

SAUF (BUTNOT)

NOT

- Kinase AND amylase

- (glucose AND amylase) NOT kinase

★ Insensible à la casse

- AmYIAsE = amylase = AMYLASE

Entrez-Protein - Microsoft Internet Explorer

Fichier Edition Affichage Favoris Outils ?

Précédente Recherche Favoris Média

Adresse <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=Limits&DB=protein> OK Liens >>

NCBI

Entrez Protein

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search Protein for Go Clear

Limits Preview/Index History Clipboard Details

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- More help on using limits is available [here](#).

Limited to:

All Fields exclude TPA exclude patents

Gene Location Segmented Sequences Only from

Modification Date

Modification Date From To

Use the format YYYY/MM/DD; month and day are optional.

About Entrez

Entrez Protein Help | FAQ

Batch Entrez: Upload a file of GI or accession numbers to retrieve sequences

Check sequence revision history

How to create WWW links to Entrez

LinkOut

Cubby

- About Entrez
- Entrez Protein Help | FAQ
- Entrez Tools
- Check sequence revision history
- LinkOut
- Related resources BLAST
- Reference sequence project
- Search for Genes
- Clusters of orthologous groups
- Protein reviews on the web
- Search for full length

- ◆ Use All Fields pull-down menu to specify a field.
- ◆ Boolean operators AND, OR, NOT must be in upper case.
- ◆ If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- ◆ More help on using limits is available [here](#).

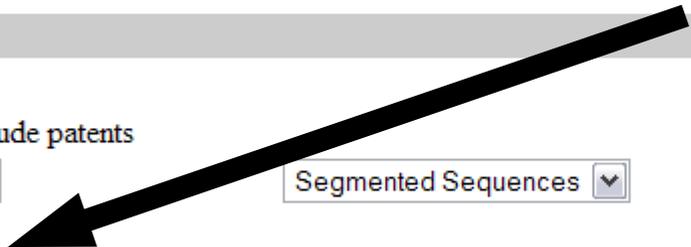
Limited to:

- All Fields
- Accession
- All Fields
- Author
- EC/RN Number
- Filter
- Gene Name
- Issue
- Journal
- Keyword
- Modification Date
- Molecular Weight
- Organism
- Page Number
- Primary Accession
- Properties
- Protein Name
- Publication Date
- SeqID String
- Sequence Length
- Substance Name

Include patents Segmented Sequences Only from

from To

DD; month and day are optional.





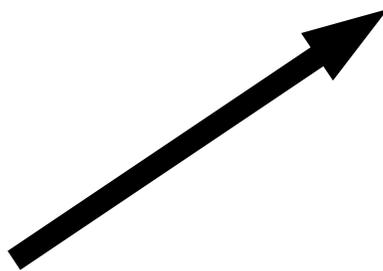
Search Protein for [] Go Clear

- ◆ Use All Fields pull-down menu to specify a field.
- ◆ Boolean operators AND, OR, NOT must be in upper case.
- ◆ If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- ◆ More help on using limits is available [here](#).

Limited to:

All Fields [v]
 exclude TPA exclude patents
 Gene Location [v] Segmented Sequences [v] Only from [v]
 Modification Date [v]
 Modification Date [v] From [] [] [] To [] [] []
 Use the format YYYY/MM/DD; month and day are optional.

- Only from
- RefSeq
- GenBank
- EMBL
- DDBJ
- PDB
- SWISS-PROT
- PIR
- PRF



About Entrez

Entrez Protein
Help | FAQ

Entrez Tools

Check sequence revision history

LinkOut

Related resources
BLAST

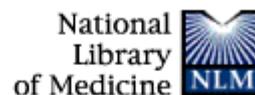
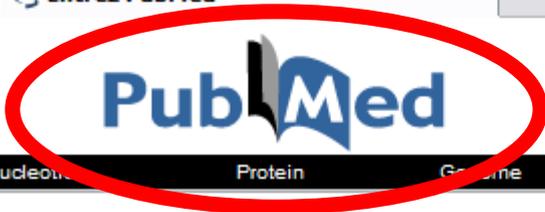
Reference sequence project

Search for Genes

Clusters of orthologous groups

Protein reviews on the web

Search for full length



Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for [] Go Clear

Limits Preview/Index History Clipboard Details

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Limited to:

All Fields	<input type="checkbox"/> only items with abstracts	
Publication Types	Languages	Subsets
Ages	Human or Animal	Gender
Entrez Date	Publication Date From [] [] [] To [] [] []	

Use the format YYYY/MM/DD; month and day are optional.

- About Entrez
- Text Version
- Entrez PubMed
 - Overview
 - Help | FAQ
 - Tutorial
 - New/Noteworthy
 - E-Utilities
- PubMed Services
 - Journals Database
 - MeSH Database
 - Single Citation Matcher
 - Batch Citation Matcher
 - Clinical Queries
 - LinkOut
 - Cubby
- Related Resources
 - Order Documents
 - NLM Catalog
 - NLM Gateway
 - TOXNET
 - Consumer Health
 - Clinical Alerts
 - ClinicalTrials.gov
 - PubMed Central