

Top Bar or Basic Search

Advanced Search

Browse

## **Top Bar Search** options

Turn On to include CSMs

On Include CSM 🔞

А

Query: Type word, phrase, ID  $\rightarrow$  press enter OR click on Search icon

Insulin receptor

Insulin + receptor

Advanced Search | Browse Annotations

Advanced Search | Browse Annotations

Default Off

Include CSM 🕜  $\cap$ 

Search

Result: All structures with any of the words or ID returned. This is a very broad search option. Use the Refinements menu to select relevant structures from the results.

B	<b>Query</b> : Type word, phrase, ID $\rightarrow$ select from options provided in auto suggest box $\rightarrow$ press	insulin receptor	Include CSM 😧	Q
	enter OR click on Search icon	in UniProt Molecule Name		Help
		Insulin receptor		
		Insulin receptor substrate 1		
	Result: Auto suggestion box presents options	Insulin receptor substrate 2		
	where query text appears in specific structure	Insulin receptor-related protein		
	properties - e.g., protein name, keywords,	in Additional Structure Keywords		
	structure title. This yields a more refined set of	Insulin receptor, insulin, SIGNALING PROTEIN		
	structures.	insulin receptor, insulin-mimic peptide, insulin receptor agonist, SIGNALING PROTEIN-AGONIST complex		
		insulin, long-acting analog, insulin receptor, insulin dynamics, HORMONE		
		Insulin receptor, Insulin micro-receptor, Hormone-Hormone receptor complex		
		insulin receptor, insulin-mimic peptide, insulin receptor agonist, HORMONE-SIGNALING PROTEIN-AGONIST complex		
		HORMONE RECEPTOR, INSULIN RECEPTOR FAMILY		
		insulin receptor, insulin, SIGNALING PROTEIN-HORMONE complex		

Query: Type word, phrase, ID with Boolean operation symbols  $\rightarrow$  press enter OR click on Search icon

Result: Structures matching the text combined with the Boolean operators used (e.g., + is AND, | is OR, - is NOT) is returned. Search results are more specific compared to option A. Use Refinements menu options to select relevant structures from results.

Action	Operator	Description	Example
OR	Multiple keywords,	Will find entries containing either Word1 or Word2	Citrate Synthase Citrate   Synthase
AND	+ or plus sign	Will find entries containing both Word1 and Word2 anywhere in the entry.	Citrate + Synthase
NOT	- or minus sign	Will find entries where Word1 is not found anywhere in the entry.	-Citrate (Note searching for "-Citrate" with quotes will return entries containing the phrase -Citrate)
Indicate order of search terms	() or parenthesis	Placing parentheses around search terms will indicate the order of the search.	-(Citrate+Synthase) -(Citrate   Synthase)
Search for a phrase	" " or quotations	Using quotes around a search term will find entries containing that exact phrase.	"Citrate Synthase"

Query: Paste protein, DNA, or RNA sequence  $\rightarrow$  press enter OR click on Search icon

FVNQHLCGSHLVEALYLVCGERGFFYTPKT

Advanced Search | Browse Annotations

Include CSM 😨

Include CSM 😧

Q

Result: Exact polymer sequence matches and similar polymer sequences are returned along with measures showing the match extent.

D

С



Query options

Result options

## **Browse** options



## Query by Example options



## Query by Example options

Ass	embly 🕄			🗋 Display Files 🚽	Ownload Files - Data API
مر محمد	A A A A A A A A A A A A A A A A A A A	COMPUTED STRU	AOAOO9IHW8 ICTURE MODEL OF NAD(- D09IHW8-F1	+) HYDROLASE AB	ΓIR re no experimental data to verify uracy of this computed structure
Section Contraction Contraction		Released in AlphaFold Last Modified in Alpha Organism(s): Amblyor UniProtKB: A0A009IHW	DB: 2021-12-09 Fold DB: 2022-09-30 mma cajennense	model. below t chain.	See Model Confidence metrics for all regions of the polypeptide
	S. A. S.	pLDDT (global): 85.13 pLDDT (local):		Model Con	fidence 9
Explore in 3D: Struc	ture   Sequence Annotations	Very High		Very his	gh (pLDDT > 90)
Global Symmetry: Asy Global Stoichiometry:	mmetric - C1 🚯 Monomer - A1 🚯	Confident			0 > pLDDT > 50
		Very Low		Very lo	w (pLDDT < 50)
Find Similar Assem	blies	0 20	40 60 80 100 12	20 140 Computed	Structure Models provide per-residue score (pLDDT) between 0 and 100.
				Somo rogio	na balaw 50 pl DDT may ba
Acromolecule Conter	nt sight: 30.97 kDa 🔁			Some regio unstructure	ons below 50 pLDDT may be ad in isolation.
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Click on hyperlink to launch a query