

◀ Edit Search

Save Search

Search Summary ▼

🔍 How to read this report?

▶ BLAST Help Videos

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i Your results are filtered to match records with query coverage between 90 and 100.

Job Title	pdb 6KFS A		
RID	0BHMVR3P016	Search expires on 01-20 00:34 am	Download All ▼
Program	PSI-BLAST Iteration 2 Citation ▼		
Database	refseq_protein See details ▼		
Query ID	6KFS_A		
Description	None		
Molecule type	amino acid		
Query Length	267		
Other reports	Distance tree of results Multiple alignment MSA viewer ?		

Filter Results

Organism

only top 20 will appear

☐ exclude

+ Add organism

Percent Identity

E value

Query Coverage

to

to

to

PSI-BLAST incl. threshold

Filter

Reset

Run PSI-Blast iteration 3

Number of sequences

Run

Descriptions

Graphic Summary

Alignments

Taxonomy

Sequences producing significant alignments

Download ▼

New

Select columns ▼Show **?**

7 sequences selected

☐ sequences newly added this iteration **?**

[GenPept](#) [Graphics](#) [Distance tree of results](#) [Multiple alignment](#)

New

[MSA Viewer](#)

Sequences with E-value BETTER than threshold

☒ select all

7 sequences selected

[Skip to the first new sequence](#)

PSI-BLAST iteration 2

	Description ▼	Scientific Name ▼	Max Score ▼	Total Score ▼	Query Cover ▼	E value ▼	Per. Ident ▼	Acc. Len ▼	Accession	Select for PSI blast	Used to build PSSM	Newly added
<input checked="" type="checkbox"/>	predicted protein [Phaeodactylum tricornutum CCAP 1055/1]	Phaeodactylum tricornutum CCAP 1055/1	442	442	95%	1e-151	100.00%	517	XP_002177507.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	predicted protein [Phaeodactylum tricornutum CCAP 1055/1]	Phaeodactylum tricornutum CCAP 1055/1	416	755	93%	1e-140	59.51%	568	XP_002177506.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	predicted protein [Phaeodactylum tricornutum CCAP 1055/1]	Phaeodactylum tricornutum CCAP 1055/1	412	746	92%	1e-139	59.51%	545	XP_002177505.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	predicted protein [Thalassiosira pseudonana CCMP1335]	Thalassiosira pseudonana CCMP1335	402	402	90%	3e-139	45.04%	297	XP_002297283.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	predicted protein [Thalassiosira pseudonana CCMP1335]	Thalassiosira pseudonana CCMP1335	395	395	90%	4e-136	44.63%	310	XP_002297285.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	predicted protein [Phaeodactylum tricornutum CCAP 1055/1]	Phaeodactylum tricornutum CCAP 1055/1	373	373	90%	6e-128	49.02%	267	XP_002177508.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter cryoconitis]	Pedobacter cryoconitis	154	154	92%	2e-42	31.85%	248	WP_184628527.1	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

Run PSI-BLAST Iteration 3 with max number of sequences

Run