

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

	pdb 6KFS A	Search expires on 01-20 01:29 am	Download All
Program	PSI-BLAST Iteration 6 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

Type common name, binomial, taxid or group name

Add organism

Percent Identity

E value

Query Coverage

to

to

90

to

100

PSI-BLAST incl. threshold

1e-40

Filter

Reset

Run PSI-Blast iteration 7

Number of sequences

500

Run

Sequences with E-value BETTER than threshold												
select all 148 sequences selected Skip to the first new sequence										PSI-BLAST iteration 6		
	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
✓	hypothetical protein [Fibrella aestuarina]	Fibrella aestuarina	423	423	94%	7e-148	28.46%	247	WP_015332822.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. YR221]	Chryseobacterium sp. Y...	421	421	92%	2e-147	28.00%	244	WP_084085857.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. CBTAP_102]	Chryseobacterium sp. C...	421	421	92%	2e-147	28.00%	245	WP_110366918.1	✓	✓	
✓	hypothetical protein [Chryseobacterium candidae]	Chryseobacterium candi...	421	421	92%	3e-147	28.00%	245	WP_136523142.1	✓	✓	
✓	hypothetical protein [Chryseobacterium shigense]	Chryseobacterium shige...	421	421	92%	3e-147	27.60%	247	WP_184160290.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. QV705]	Chryseobacterium sp. Q...	420	420	92%	4e-147	28.40%	244	WP_047493470.1	✓	✓	
✓	hypothetical protein [Chryseobacterium rhizosphaerae]	Chryseobacterium rhizos...	420	420	92%	6e-147	28.80%	244	WP_115919248.1	✓	✓	
✓	hypothetical protein [Pedobacter caeni]	Pedobacter caeni	420	420	93%	6e-147	31.75%	248	WP_073235363.1	✓	✓	
✓	hypothetical protein [Flavobacterium croceum]	Flavobacterium croceum	420	420	94%	7e-147	27.67%	247	WP_103727191.1	✓	✓	
✓	hypothetical protein [Elizabethkingia anophelis]	Elizabethkingia anophelis	419	419	92%	1e-146	28.00%	244	WP_106011341.1	✓	✓	
✓	hypothetical protein [Runella limosa]	Runella limosa	419	419	92%	2e-146	29.60%	248	WP_028521775.1	✓	✓	
✓	hypothetical protein [Chitinophaga polysacchara]	Chitinophaga polysaccha...	419	419	92%	2e-146	29.20%	245	WP_142686817.1	✓	✓	
✓	hypothetical protein [Runella defluvi]	Runella defluvi	419	419	92%	2e-146	29.60%	248	WP_183971264.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. BL598]	Chryseobacterium sp. BL...	418	418	92%	3e-146	28.00%	244	WP_048503838.1	✓	✓	
✓	hypothetical protein [Sphingobacterium sp. DR205]	Sphingobacterium sp. D...	418	418	92%	3e-146	27.60%	246	WP_165307541.1	✓	✓	
✓	hypothetical protein [Sphingobacterium composti Ten et al. 2007 non Yoo et al. 2...]	Sphingobacterium comp...	418	418	92%	4e-146	28.40%	245	WP_159635845.1	✓	✓	
✓	hypothetical protein [Sphingobacterium sp. DR205]	Sphingobacterium sp. D...	418	418	92%	5e-146	28.40%	244	WP_165308671.1	✓	✓	
✓	hypothetical protein [Chryseobacterium defluvi]	Chryseobacterium defluvi	417	417	92%	7e-146	27.20%	248	WP_184184064.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. G0201]	Chryseobacterium sp. G...	417	417	93%	8e-146	28.89%	245	WP_123983592.1	✓	✓	
✓	hypothetical protein [Runella sp. HYN0085]	Runella sp. HYN0085	416	416	94%	1e-145	30.43%	248	WP_114067546.1	✓	✓	
✓	hypothetical protein [Chryseobacterium echinoideorum]	Chryseobacterium echino...	416	416	92%	2e-145	27.71%	246	WP_144282205.1	✓	✓	
✓	hypothetical protein [Runella sp. CRIBMP]	Runella sp. CRIBMP	416	416	94%	2e-145	30.83%	248	WP_166559794.1	✓	✓	
✓	hypothetical protein [Pedobacter steynii]	Pedobacter steynii	416	416	93%	2e-145	30.56%	248	WP_074610199.1	✓	✓	
✓	hypothetical protein [Pedobacter steynii]	Pedobacter steynii	416	416	93%	2e-145	32.94%	248	WP_069380885.1	✓	✓	
✓	hypothetical protein [Runella sp. YX9]	Runella sp. YX9	415	415	94%	5e-145	30.43%	248	WP_114460255.1	✓	✓	
✓	hypothetical protein [Chryseobacterium elymi]	Chryseobacterium elymi	414	414	93%	8e-145	27.49%	245	WP_116012095.1	✓	✓	
✓	hypothetical protein [Chryseobacterium caeni]	Chryseobacterium caeni	414	414	92%	1e-144	27.60%	244	WP_027384690.1	✓	✓	
✓	hypothetical protein [Runella sp. SP2]	Runella sp. SP2	414	414	92%	1e-144	29.60%	248	WP_122929104.1	✓	✓	
✓	hypothetical protein [Pedobacter cryoconitis]	Pedobacter cryoconitis	414	414	93%	1e-144	31.35%	248	WP_184628527.1	✓	✓	
✓	hypothetical protein [Chryseobacterium phosphatilyticum]	Chryseobacterium phosph...	414	414	92%	2e-144	26.80%	247	WP_103248721.1	✓	✓	
✓	hypothetical protein [Chryseobacterium geocarposphaerae]	Chryseobacterium geoca...	413	413	94%	2e-144	26.09%	245	WP_100375240.1	✓	✓	
✓	hypothetical protein [Chryseobacterium hungaricum]	Chryseobacterium hunga...	413	413	92%	4e-144	27.60%	244	WP_089871418.1	✓	✓	
✓	hypothetical protein [Chitinophaga ginsengisegetis]	Chitinophaga ginsengise...	412	412	93%	8e-144	27.89%	247	WP_079467908.1	✓	✓	
✓	hypothetical protein [Cellulophaga sp. BC115SP]	Cellulophaga sp. BC115SP	412	412	94%	8e-144	29.64%	247	WP_166549273.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. FH2]	Chryseobacterium sp. FH2	412	412	92%	9e-144	27.60%	244	WP_048510624.1	✓	✓	
✓	hypothetical protein [Pedobacter sp. KBW06]	Pedobacter sp. KBW06	411	411	93%	2e-143	30.95%	248	WP_124576869.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. YR460]	Chryseobacterium sp. Y...	410	410	92%	7e-143	27.20%	244	WP_047400736.1	✓	✓	
✓	hypothetical protein [Siphonobacter sp. BAB-5404]	Siphonobacter sp. BAB-5...	409	409	93%	8e-143	27.89%	245	WP_106635994.1	✓	✓	
✓	hypothetical protein [Dyadobacter jejuensis]	Dyadobacter jejuensis	409	409	94%	9e-143	30.83%	247	WP_109673212.1	✓	✓	
✓	MULTISPECIES: hypothetical protein [Elizabethkingia]	Elizabethkingia	409	409	92%	1e-142	28.00%	245	WP_078674445.1	✓	✓	
✓	hypothetical protein [Pedobacter sp. Hv1]	Pedobacter sp. Hv1	409	409	93%	1e-142	29.76%	248	WP_055131730.1	✓	✓	
✓	hypothetical protein [Spirosoma sp. 209]	Spirosoma sp. 209	409	409	92%	3e-142	31.20%	255	WP_077921918.1	✓	✓	
✓	hypothetical protein [Flavobacterium sp. GA093]	Flavobacterium sp. GA093	408	408	94%	3e-142	30.83%	248	WP_160376098.1	✓	✓	
✓	hypothetical protein [Chitinophaga parva]	Chitinophaga parva	407	407	93%	9e-142	27.89%	252	WP_108686810.1	✓	✓	
✓	hypothetical protein [Spirosoma sordidifoli]	Spirosoma sordidifoli	407	407	92%	1e-141	31.60%	255	WP_129601184.1	✓	✓	
✓	hypothetical protein [Haliscomenobacter hydrosalis]	Haliscomenobacter hydr...	407	407	93%	1e-141	32.27%	249	WP_044234271.1	✓	✓	
✓	hypothetical protein [Emticicia aquatilis]	Emticicia aquatilis	407	407	93%	1e-141	28.97%	251	WP_188764399.1	✓	✓	
✓	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	406	406	94%	2e-141	28.06%	247	WP_012026570.1	✓	✓	
✓	hypothetical protein [Terrimonas sp. NS-102]	Terrimonas sp. NS-102	406	406	94%	2e-141	27.17%	248	WP_116873322.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. 16F]	Chryseobacterium sp. 16F	406	406	92%	2e-141	29.72%	245	WP_173779818.1	✓	✓	
✓	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	406	406	94%	2e-141	28.06%	247	WP_073408386.1	✓	✓	
✓	hypothetical protein [Pedobacter sp. RP-1-13]	Pedobacter sp. RP-1-13	406	406	92%	3e-141	30.24%	248	WP_131554884.1	✓	✓	
✓	hypothetical protein [Arsenicibacter rosenii]	Arsenicibacter rosenii	406	406	94%	3e-141	27.67%	247	WP_071505270.1	✓	✓	
✓	hypothetical protein [Emticicia sp. CRIBPO]	Emticicia sp. CRIBPO	405	405	92%	6e-141	30.92%	249	WP_166563382.1	✓	✓	
✓	hypothetical protein [Maribacter sp. T28]	Maribacter sp. T28	405	405	92%	6e-141	27.71%	244	WP_068484510.1	✓	✓	
✓	hypothetical protein [Lacibacter sp. S13-6-6]	Lacibacter sp. S13-6-6	404	404	92%	7e-141	29.72%	243	WP_182804567.1	✓	✓	
✓	hypothetical protein [Flavobacterium chilense]	Flavobacterium chilense	404	404	92%	9e-141	30.12%	250	WP_068842713.1	✓	✓	
✓	hypothetical protein [Dyadobacter jiangsuensis]	Dyadobacter jiangsuensis	404	404	93%	9e-141	26.29%	249	WP_106599283.1	✓	✓	
✓	hypothetical protein [Flavobacterium sp. ASV13]	Flavobacterium sp. ASV13	404	404	92%	1e-140	30.12%	250	WP_198999553.1	✓	✓	
✓	hypothetical protein [Flavobacterium hibernum]	Flavobacterium hibernum	404	404	94%	1e-140	29.92%	250	WP_041518387.1	✓	✓	
✓	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	404	404	94%	1e-140	28.06%	247	WP_121360601.1	✓	✓	
✓	hypothetical protein [Chitinophaga sp. SYP-B3965]	Chitinophaga sp. SYP-B...	402	402	94%	6e-140	29.13%	248	WP_153657706.1	✓	✓	
✓	hypothetical protein [Fluviicola sp. SGL-29]	Fluviicola sp. SGL-29	402	402	93%	7e-140	28.97%	248	WP_163490139.1	✓	✓	
✓	hypothetical protein [Flavobacterium sp. 245]	Flavobacterium sp. 245	402	402	92%	1e-139	28.92%	249	WP_133527124.1	✓	✓	
✓	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	401	401	92%	1e-139	29.72%	247	WP_121360438.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. JRR_20_7]	Chryseobacterium sp. JRR...	401	401	92%	2e-139	28.92%	248	WP_121319619.1	✓	✓	
✓	hypothetical protein [Pseudoflavitalea rhizosphaerae]	Pseudoflavitalea rhizosp...	401	401	93%	2e-139	26.29%	247	WP_127125117.1	✓	✓	
✓	hypothetical protein [Leadbetterella byssophila]	Leadbetterella byssophila	401	401	94%	2e-139	27.67%	245	WP_013407705.1	✓	✓	
✓	hypothetical protein [Sphingobacterium endophyticum]	Sphingobacterium endop...	401	401	92%	2e-139	29.72%	249	WP_156309406.1	✓	✓	
✓	hypothetical protein [Chryseobacterium sp. 1_F178]	Chryseobacterium sp. 1_...	401	401	92%	3e-139	29.60%	248	WP_115970805.1	✓	✓	
✓	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	400	400	92%	4e-139	29.72%	247	WP_073408637.1	✓	✓	
✓	hypothetical protein [Pedobacter sp. LMG_31462]	Pedobacter sp. LMG_31										