

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

Job Title	pdb 6KFS A	
RID	0BHVU4R0013	Search expires on 01-20 00:38 amDownload All
Program	PSI-BLAST Iteration 4	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 5

Number of sequences

500

Run

Sequences with E-value BETTER than threshold												
PSI-BLAST iteration 4												
select all 137 sequences selected Skip to the first new sequence												
	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"/>	hypothetical protein [Chryseobacterium sp. YR221]	Chryseobacterium sp. Y...	436	436	92%	3e-153	28.00%	244	WP_084085857.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium shigense]	Chryseobacterium shige...	436	436	92%	4e-153	27.60%	247	WP_184160290.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. OV705]	Chryseobacterium sp. O...	435	435	92%	6e-153	28.40%	244	WP_047493470.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium rhizosphaerae]	Chryseobacterium rhizos...	434	434	92%	9e-153	28.80%	244	WP_115919248.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Elizabethkingia anophelis]	Elizabethkingia anophelis	434	434	92%	2e-152	28.00%	244	WP_106011341.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. BLS98]	Chryseobacterium sp. BL...	433	433	92%	4e-152	28.00%	244	WP_048503838.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Sphingobacterium sp. DR205]	Sphingobacterium sp. D...	433	433	92%	4e-152	28.40%	244	WP_165308671.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chitinophaga polysaccharae]	Chitinophaga polysaccha...	433	433	92%	5e-152	29.20%	245	WP_142686817.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Sphingobacterium composti Ten et al. 2007 non Yoo et al. 2...	Sphingobacterium comp...	432	432	92%	7e-152	27.60%	245	WP_159635845.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Sphingobacterium sp. DR205]	Sphingobacterium sp. D...	432	432	92%	8e-152	28.40%	246	WP_165307541.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Fibrella aestuarina]	Fibrella aestuarina	431	431	92%	2e-151	28.92%	247	WP_015332822.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium defluvi]	Chryseobacterium defluvi...	431	431	92%	4e-151	27.20%	248	WP_184184064.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. G0201]	Chryseobacterium sp. G...	429	429	92%	1e-150	29.20%	245	WP_123983592.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium caeni]	Chryseobacterium caeni	429	429	92%	2e-150	27.60%	244	WP_027384690.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium hungaricum]	Chryseobacterium hunga...	429	429	92%	2e-150	27.60%	244	WP_089871418.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. CB7AP_102]	Chryseobacterium sp. C...	429	429	92%	2e-150	28.23%	245	WP_110366918.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium candidae]	Chryseobacterium candi...	428	428	92%	2e-150	28.23%	245	WP_136523142.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter caeni]	Pedobacter caeni	428	428	93%	3e-150	31.87%	248	WP_073235363.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium phosphatilyticum]	Chryseobacterium phosph...	428	428	92%	5e-150	26.80%	247	WP_103248721.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Runella limosa]	Runella limosa	428	428	92%	6e-150	29.60%	248	WP_028521775.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Runella defluvi]	Runella defluvi	428	428	92%	6e-150	29.60%	248	WP_183971264.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium elymi]	Chryseobacterium elymi	427	427	92%	1e-149	27.71%	245	WP_116012095.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium croceum]	Flavobacterium croceum	427	427	93%	1e-149	27.78%	247	WP_103727191.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter steynii]	Pedobacter steynii	426	426	93%	4e-149	30.68%	248	WP_074610199.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. FH2]	Chryseobacterium sp. FH2	425	425	92%	6e-149	27.60%	244	WP_048510624.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium geocarposphaerae]	Chryseobacterium geoca...	425	425	92%	7e-149	26.51%	245	WP_100375240.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	MULTISPECIES: hypothetical protein [Elizabethkingia]	Elizabethkingia	424	424	92%	8e-149	28.00%	245	WP_078674445.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chitinophaga ginsengisegetis]	Chitinophaga ginsengise...	424	424	92%	9e-149	28.11%	247	WP_079467908.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium echinoideorum]	Chryseobacterium echin...	424	424	92%	1e-148	27.82%	246	WP_144282205.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. YR460]	Chryseobacterium sp. Y...	423	423	92%	3e-148	27.20%	244	WP_047400736.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Runella sp. HYN0085]	Runella sp. HYN0085	423	423	94%	4e-148	30.43%	248	WP_114067546.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter steynii]	Pedobacter steynii	423	423	93%	4e-148	33.07%	248	WP_069380885.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Runella sp. CRIBMP]	Runella sp. CRIBMP	423	423	94%	5e-148	30.83%	248	WP_166559794.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter cryoconitis]	Pedobacter cryoconitis	423	423	93%	7e-148	31.47%	248	WP_184628527.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Runella sp. YX9]	Runella sp. YX9	422	422	94%	1e-147	30.43%	248	WP_114460255.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Runella sp. SP2]	Runella sp. SP2	422	422	92%	1e-147	29.60%	248	WP_122923104.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Cellulophaga sp. BC115SP]	Cellulophaga sp. BC115SP	420	420	92%	7e-147	30.00%	247	WP_166549273.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter sp. KBW06]	Pedobacter sp. KBW06	419	419	93%	1e-146	31.08%	248	WP_124576869.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Dyadobacter jejuensis]	Dyadobacter jejuensis	418	418	94%	4e-146	30.83%	247	WP_109673212.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Dyadobacter jiangsuensis]	Dyadobacter jiangsuensis	418	418	92%	4e-146	26.51%	249	WP_106599283.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Siphonobacter sp. BAB-5404]	Siphonobacter sp. BAB-5...	418	418	92%	6e-146	28.00%	245	WP_106635994.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium sp. GA093]	Flavobacterium sp. GA093	416	416	92%	1e-145	31.33%	248	WP_160376098.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Spirosoma sp. 209]	Spirosoma sp. 209	416	416	92%	2e-145	31.20%	255	WP_077921918.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Terrimonas sp. NS-102]	Terrimonas sp. NS-102	416	416	92%	3e-145	28.11%	248	WP_116873322.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Ermicicia sp. CRIBPQ]	Ermicicia sp. CRIBPQ	415	415	92%	5e-145	31.45%	249	WP_166563382.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Spirosoma sordidoli]	Spirosoma sordidoli	415	415	92%	5e-145	31.60%	255	WP_129601184.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chitinophaga parva]	Chitinophaga parva	414	414	92%	1e-144	28.23%	252	WP_108686810.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Ermicicia aquatilis]	Ermicicia aquatilis	414	414	93%	1e-144	29.48%	251	WP_188764399.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter sp. RP-1-13]	Pedobacter sp. RP-1-13	414	414	92%	2e-144	30.24%	248	WP_131554884.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Leadbetterella byssophila]	Leadbetterella byssophila	414	414	94%	2e-144	28.46%	245	WP_013407705.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pedobacter sp. Hv1]	Pedobacter sp. Hv1	413	413	93%	3e-144	30.16%	248	WP_055131730.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Lacibacter sp. S13-6-6]	Lacibacter sp. S13-6-6	412	412	92%	9e-144	29.72%	243	WP_182804567.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	412	412	92%	9e-144	28.92%	247	WP_012026570.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Halicomonobacter hydr...	Halicomonobacter hydr...	412	412	93%	1e-143	32.27%	249	WP_044234271.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Chryseobacterium sp. 16F]	Chryseobacterium sp. 16F	411	411	93%	2e-143	29.48%	245	WP_173779818.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	411	411	92%	2e-143	28.92%	247	WP_073408386.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Fluvicicola sp. SGL-29]	Fluvicicola sp. SGL-29	410	410	92%	4e-143	29.72%	248	WP_163490139.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	410	410	92%	6e-143	28.92%	247	WP_121360601.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Pseudoflavitalea rhizosphaerae]	Pseudoflavitalea rhizosp...	409	409	92%	1e-142	26.51%	247	WP_127125117.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Sphingobacterium sp. DR205]	Sphingobacterium sp. D...	409	409	92%	1e-142	27.20%	245	WP_165308567.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium chilense]	Flavobacterium chilense	409	409	92%	2e-142	30.12%	250	WP_068842713.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Maribacter sp. T28]	Maribacter sp. T28	409	409	91%	2e-142	28.05%	244	WP_068484510.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium sp. ASV13]	Flavobacterium sp. ASV13	409	409	92%	2e-142	30.12%	250	WP_198998553.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Flavobacterium johnsoniae]	Flavobacterium johnsoniae	408	408	92%	3e-142	30.12%	247	WP_121360438.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	hypothetical protein [Fl											