

**NC\_009830 — powderblue surgeonfish (16434 bp)**

Computation with NUC.4.4 substitutions scores and -6 gap start and -1 gap extension penalties

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
52089	NC_009064	16703	indo-pacific sergeant
51326	NC_027857	16551	bandit angelfish
50966	NC_011943	16502	starry triggerfish
48991	NC_011947	16441	spiny tailed leatherjacket
48568	NC_011180	16825	flat needlefish
48145	NC_020346	17098	greenspot goby
47433	NC_031807	16581	common carp
47169	NC_003190	16715	john dory
46963	NC_028290	16565	atlantic sturgeon
46564	NC_030247	16603	labeonin
44985	NC_010570	16433	pirarucu
43861	NC_022415	16744	white shark
39528	NC_001788	16670	wild ass
39354	NC_028510	17271	austrolebias
39332	NC_005797	16369	axolotl
39313	NC_006928	16408	brydes whale
38965	NC_006887	16375	tiger salamander
38835	NC_023889	16386	killer whale
38834	NC_008410	17277	asiatic toad
38716	NC_018804	16773	saffron-cowled blackbird
38674	NC_018801	16775	red-winged blackbird
38572	NC_001601	16402	blue whale
38528	NC_020648	16538	striped skunk
38518	NC_024052	16965	diana tarsier
38420	NC_027241	16893	goulds sunbird
38405	NC_008092	16729	gray wolf 1
38365	NC_005212	17047	cheetah
38346	NC_009686	16757	gray wolf 2
38299	NC_035817	16490	finlaysons squirrel
38213	NC_024268	17937	silver-throated bushtit
38170	NC_027956	16721	african golden wolf
38124	NC_002083	16499	orangutan
38110	NC_016428	16263	striped field mouse
38082	NC_000884	16801	guinea pig
38055	NC_011196	16738	greylag goose
38037	NC_000891	17019	platypus
37916	NC_025222	16560	tonkean macaque
37815	NC_029146	17821	silveryeye
37757	NC_033973	16817	terek sandpiper
37679	NC_026082	17952	besra

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
37670	NC_032058	17827	abyssinian white-eye
37643	NC_002783	16749	rhea
37563	NC_005958	16016	alligator lizard
37462	NC_036493	17325	Santa Barbara tree frog
37327	NC_012920	16569	human
36850	NC_029846	17370	lesser kestrel
36625	NC_020591	16673	hazel grouse
36393	NC_027847	17962	grey parrot
34048	NC_035150	18974	cat gecko
32628	NC_032084	17165	grey burrowing snake
20339	NC_023955	15782	freshwater pearl mussel
20302	NC_026104	15804	stonefly
20139	NC_023248	29999	anamorphic fungus
18654	NC_034122	14913	congo termite
18579	NC_031858	16310	pacific star shell
18355	NC_029168	15326	acasta sulcata
18144	NC_033906	15872	Sinopodisma wulingshanensis
18130	NC_022827	18479	staghorn coral
18080	NC_035677	16130	bean weevil
18022	NC_014887	15599	chinese grasshopper
17953	NC_026914	14948	water flea
17468	NC_015119	16803	snow scorpionfly
17182	NC_029510	15258	dancing acraea
15692	NC_000894	20992	leishmania
15481	NC_008161	14853	stony coral
15425	NC_021933	15282	millipede
13104	NC_016198	14281	giant roundworm
13028	NC_001722	10359	hiv-2 (virus)
12596	NC_019571	13913	cat lungworm
11595	NC_016197	13724	filarial nematode
5627	NC_035130	6363	australian mosquito
4771	NC_001499	5894	abelson (virus)
-5072	NC_016577	2633	AbMV (virus)
-8903	NC_020099	1670	copepod