

NC_009830 — powderblue surgeonfish (16434 bp)
LCS with gap/mismatch penalty of -1

score	NC	bp	common name
-4646	NC_001499	5894	abelson (virus)
-4952	NC_011943	16502	starry triggerfish
-5861	NC_031807	16581	common carp
-6817	NC_011947	16441	spiny tailed leatherjacket
-6870	NC_010570	16433	pirarucu
-7269	NC_009064	16703	indo-pacific sergeant
-7419	NC_028290	16565	atlantic sturgeon
-7427	NC_030247	16603	labeonin
-7442	NC_006928	16408	brydes whale
-7491	NC_012920	16569	human
-7506	NC_006887	16375	tiger salamander
-7520	NC_023889	16386	killer whale
-7562	NC_001601	16402	blue whale
-7585	NC_028510	17271	austrolebias
-7590	NC_025222	16560	tonkean macaque
-7607	NC_002083	16499	orangutan
-7638	NC_016428	16263	striped field mouse
-7663	NC_027857	16551	bandit angelfish
-7672	NC_005797	16369	axolotl
-7701	NC_002783	16749	rhea
-7730	NC_020648	16538	striped skunk
-7746	NC_001788	16670	wild ass
-7760	NC_005958	16016	alligator lizard
-7787	NC_018801	16775	red-winged blackbird
-7792	NC_035817	16490	finlaysons squirrel
-7807	NC_018804	16773	saffron-cowled blackbird
-7830	NC_033906	15872	Sinopodisma wulingshanensis
-7831	NC_003190	16715	john dory
-7833	NC_027956	16721	african golden wolf
-7849	NC_015119	16803	snow scorpionfly
-7856	NC_022415	16744	white shark
-7877	NC_011180	16825	flat needlefish
-7902	NC_023955	15782	freshwater pearl mussel
-7905	NC_027241	16893	goulds sunbird
-7943	NC_020591	16673	hazel grouse
-7943	NC_009686	16757	gray wolf 2
-7982	NC_014887	15599	chinese grasshopper
-7990	NC_031858	16310	pacific star shell
-7992	NC_035677	16130	bean weevil
-7998	NC_026104	15804	stonefly

score	NC	bp	common name
-8007	NC_000884	16801	guinea pig
-8041	NC_024052	16965	diana tarsier
-8069	NC_008092	16729	gray wolf 1
-8175	NC_005212	17047	cheetah
-8190	NC_029510	15258	dancing acraea
-8218	NC_011196	16738	greylag goose
-8236	NC_020346	17098	greenspot goby
-8243	NC_000891	17019	platypus
-8303	NC_033973	16817	terek sandpiper
-8324	NC_029168	15326	acasta sulcata
-8359	NC_032084	17165	grey burrowing snake
-8426	NC_029846	17370	lesser kestrel
-8504	NC_034122	14913	congo termite
-8529	NC_008410	17277	asiatic toad
-8611	NC_036493	17325	Santa Barbara tree frog
-8682	NC_026914	14948	water flea
-8741	NC_029146	17821	silveryeye
-8803	NC_032058	17827	abyssinian white-eye
-8922	NC_008161	14853	stony coral
-8990	NC_021933	15282	millipede
-9191	NC_024268	17937	silver-throated bushtit
-9280	NC_026082	17952	besra
-9332	NC_016198	14281	giant roundworm
-9374	NC_027847	17962	grey parrot
-9542	NC_019571	13913	cat lungworm
-9684	NC_016197	13724	filarial nematode
-9988	NC_035150	18974	cat gecko
-10020	NC_035130	6363	australian mosquito
-10231	NC_022827	18479	staghorn coral
-11146	NC_001722	10359	hiv-2 (virus)
-11168	NC_016577	2633	AbMV (virus)
-11748	NC_000894	20992	leishmania
-13094	NC_020099	1670	copepod
-21333	NC_023248	29999	anamorphic fungus