

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

score	NC	bp	common name
9982	NC_024853	16509	moonlighter fish
9696	NC_009064	16703	indo-pacific sergeant
9625	NC_027857	16551	bandit angelfish
9561	NC_011943	16502	starry triggerfish
9163	NC_004380	16479	goosefish
9099	NC_011947	16441	spiny tailed leatherjacket
8855	NC_011180	16825	flat needlefish
8777	NC_004390	16508	tapetail
8666	NC_031807	16581	common carp
8611	NC_028290	16565	atlantic sturgeon
8611	NC_020346	17098	greenspot goby
8546	NC_036391	16513	yellow bullhead
8496	NC_003190	16715	john dory
8477	NC_030247	16603	labeonin
8296	NC_020336	16525	tiger tail seahorse
8174	NC_010570	16433	pirarucu
8089	NC_008668	16778	ray-finned fish
7783	NC_022415	16744	white shark
7720	NC_023520	16773	sand tiger shark
7285	NC_028018	16653	white char
6790	NC_005797	16369	axolotl
6771	NC_024820	16433	giraffe
6718	NC_006928	16408	brydes whale
6690	NC_001788	16670	wild ass
6677	NC_006887	16375	tiger salamander
6656	NC_009692	16431	sea otter
6628	NC_023889	16386	killer whale
6623	NC_022429	16637	spectral bat
6607	NC_027932	16232	harvest mouse
6586	NC_002369	16507	red squirrel
6581	NC_020648	16538	striped skunk
6545	NC_021386	16580	long-tailed chinchilla
6528	NC_016428	16263	striped field mouse
6518	NC_035817	16490	finlaysons squirrel
6516	NC_002078	16816	aardvark
6497	NC_003322	16996	common wombat
6470	NC_008092	16729	gray wolf 1
6443	NC_001645	16364	gorilla
6439	NC_009686	16757	gray wolf 2
6430	NC_002008	16727	dog

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6416	NC_028510	17271	austrolebias
6408	NC_002083	16499	orangutan
6384	NC_027956	16721	african golden wolf
6380	NC_026308	17298	baja california brush lizard
6366	NC_005958	16016	alligator lizard
6358	NC_025222	16560	tonkean macaque
6355	NC_001644	16563	bonobo
6321	NC_000884	16801	guinea pig
6316	NC_018804	16773	saffron-cowled blackbird
6316	NC_001601	16402	blue whale
6314	NC_001321	16398	fin whale
6304	NC_018801	16775	red-winged blackbird
6297	NC_024052	16965	diana tarsier
6270	NC_027241	16893	goulds sunbird
6189	NC_015200	16939	eurasian magpie
6152	NC_011196	16738	greylag goose
6151	NC_000891	17019	platypus
6135	NC_001700	17009	cat
6118	NC_033973	16817	terek sandpiper
6115	NC_008410	17277	asiatic toad
6099	NC_005212	17047	cheetah
6094	NC_020669	17112	striped hyena
6089	NC_010638	16773	snow leopard
6075	NC_002783	16749	rhea
6039	NC_001610	17084	virginia opossum
6019	NC_001602	16797	grey seal
5984	NC_012920	16569	human
5978	NC_011137	16565	neanderthal
5931	NC_029146	17821	silvereye
5929	NC_024268	17937	silver-throated bushtit
5834	NC_032058	17827	abyssinian white-eye
5791	NC_026082	17952	besra
5773	NC_036493	17325	Santa Barbara tree frog
5673	NC_029846	17370	lesser kestrel
5349	NC_025594	16802	long-tailed rosefinch
5342	NC_000845	16613	wild boar
5296	NC_018033	16683	blood pheasant
5280	NC_020591	16673	hazel grouse
5143	NC_027847	17962	grey parrot
4784	NC_014175	16544	peninsular horned tree lizard

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4556	NC_032084	17165	grey burrowing snake
4265	NC_025923	20350	Eurasian bittern
4140	NC_035150	18974	cat gecko
1645	NC_026104	15804	stonefly
1641	NC_023955	15782	freshwater pearl mussel
1356	NC_034122	14913	congo termite
1350	NC_015342	15647	kudzu beetle
1210	NC_030265	15534	european mantis
1208	NC_014887	15599	chinese grasshopper
1207	NC_029168	15326	acasta sulcata
1196	NC_013272	16518	brown marmorated stink bug
1156	NC_033906	15872	Sinopodisma wulingshanensis
1156	NC_031858	16310	pacific star shell
1113	NC_026914	14948	water flea
1101	NC_008221	15774	asian longhorned beetle
1031	NC_035677	16130	bean weevil
941	NC_029498	15281	yellow-banded acraea
911	NC_029510	15258	dancing acraea
891	NC_015119	16803	snow scorpionfly
866	NC_014295	15895	eastern honey bee
830	NC_016419	15140	east palearctic butterfly
416	NC_022827	18479	staghorn coral
369	NC_027943	16270	peruvian scallop
331	NC_008161	14853	stony coral
329	NC_021933	15282	millipede
-199	NC_016198	14281	giant roundworm
-400	NC_019571	13913	cat lungworm
-669	NC_016197	13724	filarial nematode
-712	NC_000894	20992	leishmania
-931	NC_001722	10359	hiv-2 (virus)
-3548	NC_023248	29999	anamorphic fungus
-4902	NC_035130	6363	australian mosquito
-5149	NC_007233	5990	monkey malaria parasite
-5480	NC_001499	5894	abelson (virus)
-11168	NC_016577	2633	AbMV (virus)
-13094	NC_020099	1670	copepod