

NC_027857 — bandit angelfish (16551 bp)
 LCS with gap/mismatch penalty of -1

score	NC	bp	common name
9970	NC_024853	16509	moonlighter fish
9720	NC_009064	16703	indo-pacific sergeant
9625	NC_009830	16434	powderblue surgeonfish
9463	NC_011943	16502	starry triggerfish
9245	NC_004380	16479	goosefish
9129	NC_011947	16441	spiny tailed leatherjacket
8853	NC_011180	16825	flat needlefish
8770	NC_004390	16508	tapetail
8732	NC_031807	16581	common carp
8654	NC_028290	16565	atlantic sturgeon
8633	NC_020346	17098	greenspot goby
8514	NC_030247	16603	labeonin
8514	NC_003190	16715	john dory
8381	NC_036391	16513	yellow bullhead
8291	NC_008668	16778	ray-finned fish
8209	NC_020336	16525	tiger tail seahorse
8010	NC_010570	16433	pirarucu
7705	NC_023520	16773	sand tiger shark
7653	NC_022415	16744	white shark
7240	NC_028018	16653	white char
6784	NC_006928	16408	brydes whale
6686	NC_001788	16670	wild ass
6667	NC_024820	16433	giraffe
6649	NC_022429	16637	spectral bat
6628	NC_023889	16386	killer whale
6557	NC_001644	16563	bonobo
6549	NC_009692	16431	sea otter
6507	NC_035817	16490	finlaysons squirrel
6506	NC_005797	16369	axolotl
6491	NC_003322	16996	common wombat
6476	NC_006887	16375	tiger salamander
6475	NC_002369	16507	red squirrel
6469	NC_001645	16364	gorilla
6464	NC_028510	17271	austrolebias
6454	NC_002008	16727	dog
6435	NC_008092	16729	gray wolf 1
6432	NC_002078	16816	aardvark
6431	NC_002083	16499	orangutan
6422	NC_009686	16757	gray wolf 2
6414	NC_016428	16263	striped field mouse

score	NC	bp	common name
6410	NC.027956	16721	african golden wolf
6405	NC.027932	16232	harvest mouse
6390	NC.021386	16580	long-tailed chinchilla
6387	NC.020648	16538	striped skunk
6384	NC.005958	16016	alligator lizard
6375	NC.026308	17298	baja california brush lizard
6362	NC.024052	16965	diana tarsier
6307	NC.025222	16560	tonkean macaque
6288	NC.002783	16749	rhea
6272	NC.001601	16402	blue whale
6262	NC.000884	16801	guinea pig
6247	NC.018804	16773	saffron-cowled blackbird
6234	NC.018801	16775	red-winged blackbird
6220	NC.027241	16893	goulds sunbird
6200	NC.011196	16738	greylag goose
6197	NC.015200	16939	eurasian magpie
6162	NC.001321	16398	fin whale
6125	NC.008410	17277	asiatic toad
6115	NC.033973	16817	terek sandpiper
6114	NC.000891	17019	platypus
6006	NC.005212	17047	cheetah
5978	NC.001610	17084	virginia opossum
5975	NC.012920	16569	human
5961	NC.011137	16565	neanderthal
5960	NC.010638	16773	snow leopard
5954	NC.020669	17112	striped hyena
5884	NC.001700	17009	cat
5860	NC.029146	17821	silvereve
5849	NC.026082	17952	besra
5814	NC.024268	17937	silver-throated bushtit
5812	NC.001602	16797	grey seal
5795	NC.036493	17325	Santa Barbara tree frog
5794	NC.029846	17370	lesser kestrel
5767	NC.032058	17827	abyssinian white-eye
5362	NC.018033	16683	blood pheasant
5337	NC.025594	16802	long-tailed rosefinch
5188	NC.027847	17962	grey parrot
5182	NC.020591	16673	hazel grouse
5118	NC.000845	16613	wild boar
4845	NC.014175	16544	peninsular horned tree lizard

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4636	NC_032084	17165	grey burrowing snake
4392	NC_025923	20350	Eurasian bittern
4154	NC_035150	18974	cat gecko
1626	NC_023955	15782	freshwater pearl mussel
1490	NC_026104	15804	stonefly
1269	NC_034122	14913	congo termite
1240	NC_015342	15647	kudzu beetle
1098	NC_031858	16310	pacific star shell
1041	NC_029168	15326	acasta sulcata
1031	NC_026914	14948	water flea
1000	NC_013272	16518	brown marmorated stink bug
983	NC_033906	15872	Sinopodisma wulingshanensis
963	NC_014887	15599	chinese grasshopper
932	NC_030265	15534	european mantis
886	NC_035677	16130	bean weevil
851	NC_008221	15774	asian longhorned beetle
713	NC_029498	15281	yellow-banded acraea
652	NC_029510	15258	dancing acraea
636	NC_015119	16803	snow scorpionfly
604	NC_016419	15140	east palearctic butterfly
520	NC_014295	15895	eastern honey bee
353	NC_022827	18479	staghorn coral
307	NC_021933	15282	millipede
299	NC_027943	16270	peruvian scallop
193	NC_008161	14853	stony coral
-339	NC_016198	14281	giant roundworm
-542	NC_019571	13913	cat lungworm
-811	NC_016197	13724	filarial nematode
-918	NC_000894	20992	leishmania
-958	NC_001722	10359	hiv-2 (virus)
-3603	NC_023248	29999	anamorphic fungus
-4987	NC_035130	6363	australian mosquito
-5274	NC_007233	5990	monkey malaria parasite
-5553	NC_001499	5894	abelson (virus)
-11285	NC_016577	2633	AbMV (virus)
-13211	NC_020099	1670	copepod