

NC_024853 — moonlighter fish (16509 bp)
 LCS with gap/mismatch penalty of -1

score	NC	bp	common name
10203	NC_009064	16703	indo-pacific sergeant
9982	NC_009830	16434	powderblue surgeonfish
9970	NC_027857	16551	bandit angelfish
9910	NC_011943	16502	starry triggerfish
9650	NC_004380	16479	goosefish
9526	NC_011947	16441	spiny tailed leatherjacket
9367	NC_004390	16508	tapetail
9264	NC_011180	16825	flat needlefish
8929	NC_020346	17098	greenspot goby
8838	NC_031807	16581	common carp
8748	NC_003190	16715	john dory
8745	NC_028290	16565	atlantic sturgeon
8693	NC_036391	16513	yellow bullhead
8651	NC_030247	16603	labeonin
8632	NC_020336	16525	tiger tail seahorse
8458	NC_008668	16778	ray-finned fish
8186	NC_010570	16433	pirarucu
7758	NC_023520	16773	sand tiger shark
7757	NC_022415	16744	white shark
7701	NC_028018	16653	white char
6786	NC_005797	16369	axolotl
6689	NC_006887	16375	tiger salamander
6680	NC_001788	16670	wild ass
6626	NC_006928	16408	brydes whale
6601	NC_024820	16433	giraffe
6600	NC_028510	17271	austrolebias
6572	NC_009692	16431	sea otter
6567	NC_002369	16507	red squirrel
6561	NC_023889	16386	killer whale
6544	NC_035817	16490	finlaysons squirrel
6510	NC_022429	16637	spectral bat
6493	NC_021386	16580	long-tailed chinchilla
6478	NC_016428	16263	striped field mouse
6470	NC_027932	16232	harvest mouse
6449	NC_020648	16538	striped skunk
6438	NC_008092	16729	gray wolf 1
6430	NC_027956	16721	african golden wolf
6423	NC_009686	16757	gray wolf 2
6421	NC_001645	16364	gorilla
6419	NC_002008	16727	dog

score	NC	bp	common name
6401	NC_026308	17298	baja california brush lizard
6389	NC_003322	16996	common wombat
6369	NC_005958	16016	alligator lizard
6363	NC_001644	16563	bonobo
6332	NC_002078	16816	aardvark
6315	NC_002083	16499	orangutan
6283	NC_024052	16965	diana tarsier
6246	NC_000884	16801	guinea pig
6236	NC_001601	16402	blue whale
6232	NC_025222	16560	tonkean macaque
6195	NC_027241	16893	goulds sunbird
6190	NC_018801	16775	red-winged blackbird
6171	NC_002783	16749	rhea
6170	NC_008410	17277	asiatic toad
6157	NC_011196	16738	greylag goose
6148	NC_015200	16939	eurasian magpie
6141	NC_018804	16773	saffron-cowled blackbird
6139	NC_001321	16398	fin whale
5998	NC_033973	16817	terek sandpiper
5998	NC_020669	17112	striped hyena
5980	NC_000891	17019	platypus
5937	NC_001610	17084	virginia opossum
5913	NC_010638	16773	snow leopard
5912	NC_001700	17009	cat
5904	NC_029146	17821	silveryeye
5890	NC_005212	17047	cheetah
5852	NC_001602	16797	grey seal
5845	NC_011137	16565	neanderthal
5830	NC_012920	16569	human
5795	NC_024268	17937	silver-throated bushtit
5761	NC_032058	17827	abyssinian white-eye
5755	NC_036493	17325	Santa Barbara tree frog
5749	NC_026082	17952	besra
5603	NC_029846	17370	lesser kestrel
5259	NC_018033	16683	blood pheasant
5242	NC_025594	16802	long-tailed rosefinch
5215	NC_020591	16673	hazel grouse
5156	NC_027847	17962	grey parrot
5094	NC_000845	16613	wild boar
4830	NC_014175	16544	peninsular horned tree lizard

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4518	NC_032084	17165	grey burrowing snake
4201	NC_025923	20350	Eurasian bittern
4177	NC_035150	18974	cat gecko
1614	NC_023955	15782	freshwater pearl mussel
1482	NC_026104	15804	stonefly
1243	NC_034122	14913	congo termite
1205	NC_015342	15647	kudzu beetle
1091	NC_031858	16310	pacific star shell
1081	NC_029168	15326	acasta sulcata
993	NC_013272	16518	brown marmorated stink bug
992	NC_014887	15599	chinese grasshopper
988	NC_026914	14948	water flea
983	NC_030265	15534	european mantis
955	NC_033906	15872	Sinopodisma wulingshanensis
890	NC_008221	15774	asian longhorned beetle
886	NC_035677	16130	bean weevil
765	NC_029498	15281	yellow-banded acraea
687	NC_029510	15258	dancing acraea
673	NC_015119	16803	snow scorpionfly
654	NC_016419	15140	east palearctic butterfly
567	NC_014295	15895	eastern honey bee
490	NC_022827	18479	staghorn coral
448	NC_021933	15282	millipede
387	NC_027943	16270	peruvian scallop
286	NC_008161	14853	stony coral
-227	NC_016198	14281	giant roundworm
-434	NC_019571	13913	cat lungworm
-659	NC_016197	13724	filarial nematode
-855	NC_000894	20992	leishmania
-963	NC_001722	10359	hiv-2 (virus)
-3592	NC_023248	29999	anamorphic fungus
-4963	NC_035130	6363	australian mosquito
-5229	NC_007233	5990	monkey malaria parasite
-5533	NC_001499	5894	abelson (virus)
-11243	NC_016577	2633	AbMV (virus)
-13169	NC_020099	1670	copepod