

NC_023889 — killer whale (16386 bp)

LCS with gap/mismatch penalty of -1

score	NC	bp	common name
11598	NC_006928	16408	brydes whale
10514	NC_001601	16402	blue whale
10489	NC_001321	16398	fin whale
9796	NC_024820	16433	giraffe
9427	NC_001788	16670	wild ass
9036	NC_009692	16431	sea otter
8857	NC_002008	16727	dog
8853	NC_008092	16729	gray wolf 1
8840	NC_020648	16538	striped skunk
8840	NC_009686	16757	gray wolf 2
8757	NC_027956	16721	african golden wolf
8623	NC_022429	16637	spectral bat
8529	NC_002078	16816	aardvark
8521	NC_002369	16507	red squirrel
8503	NC_035817	16490	finlaysons squirrel
8413	NC_005212	17047	cheetah
8349	NC_020669	17112	striped hyena
8347	NC_024052	16965	diana tarsier
8293	NC_027932	16232	harvest mouse
8268	NC_021386	16580	long-tailed chinchilla
8265	NC_010638	16773	snow leopard
8257	NC_001700	17009	cat
8255	NC_016428	16263	striped field mouse
8176	NC_001644	16563	bonobo
8156	NC_001645	16364	gorilla
8077	NC_001602	16797	grey seal
7993	NC_002083	16499	orangutan
7974	NC_025222	16560	tonkean macaque
7923	NC_000884	16801	guinea pig
7660	NC_003322	16996	common wombat
7638	NC_000845	16613	wild boar
7507	NC_012920	16569	human
7494	NC_011137	16565	neanderthal
7291	NC_001610	17084	virginia opossum
7162	NC_000891	17019	platypus
6941	NC_023520	16773	sand tiger shark
6836	NC_022415	16744	white shark
6833	NC_010570	16433	pirarucu
6821	NC_020336	16525	tiger tail seahorse
6806	NC_031807	16581	common carp

score	NC	bp	common name
6775	NC_030247	16603	labeonin
6773	NC_028290	16565	atlantic sturgeon
6757	NC_011180	16825	flat needlefish
6702	NC_005797	16369	axolotl
6676	NC_006887	16375	tiger salamander
6654	NC_011943	16502	starry triggerfish
6628	NC_027857	16551	bandit angelfish
6628	NC_009830	16434	powderblue surgeonfish
6610	NC_009064	16703	indo-pacific sergeant
6561	NC_024853	16509	moonlighter fish
6538	NC_036391	16513	yellow bullhead
6533	NC_004390	16508	tapetail
6521	NC_026308	17298	baja california brush lizard
6459	NC_003190	16715	john dory
6442	NC_008668	16778	ray-finned fish
6431	NC_020346	17098	greenspot goby
6431	NC_005958	16016	alligator lizard
6392	NC_004380	16479	goosefish
6233	NC_011947	16441	spiny tailed leatherjacket
6124	NC_015200	16939	eurasian magpie
6050	NC_018801	16775	red-winged blackbird
6004	NC_027241	16893	goulds sunbird
5990	NC_018804	16773	saffron-cowled blackbird
5943	NC_033973	16817	terek sandpiper
5935	NC_011196	16738	greylag goose
5914	NC_029146	17821	silveryeye
5911	NC_002783	16749	rhea
5800	NC_024268	17937	silver-throated bushtit
5727	NC_032058	17827	abyssinian white-eye
5719	NC_026082	17952	besra
5661	NC_008410	17277	asiatic toad
5551	NC_029846	17370	lesser kestrel
5539	NC_028510	17271	austrolebias
5370	NC_036493	17325	Santa Barbara tree frog
5157	NC_020591	16673	hazel grouse
5152	NC_018033	16683	blood pheasant
5106	NC_014175	16544	peninsular horned tree lizard
5095	NC_027847	17962	grey parrot
5072	NC_025594	16802	long-tailed rosefinch
5006	NC_028018	16653	white char

score	NC	bp	common name
4763	NC_032084	17165	grey burrowing snake
4377	NC_035150	18974	cat gecko
4245	NC_025923	20350	Eurasian bittern
2021	NC_023955	15782	freshwater pearl mussel
1920	NC_015342	15647	kudzu beetle
1865	NC_026104	15804	stonefly
1812	NC_013272	16518	brown marmorated stink bug
1805	NC_014887	15599	chinese grasshopper
1778	NC_034122	14913	congo termite
1754	NC_033906	15872	Sinopodisma wulingshanensis
1754	NC_030265	15534	european mantis
1687	NC_008221	15774	asian longhorned beetle
1648	NC_029168	15326	acasta sulcata
1612	NC_035677	16130	bean weevil
1533	NC_031858	16310	pacific star shell
1531	NC_014295	15895	eastern honey bee
1504	NC_015119	16803	snow scorpionfly
1486	NC_029498	15281	yellow-banded acraea
1462	NC_029510	15258	dancing acraea
1441	NC_016419	15140	east palearctic butterfly
1432	NC_026914	14948	water flea
544	NC_022827	18479	staghorn coral
512	NC_008161	14853	stony coral
374	NC_021933	15282	millipede
245	NC_027943	16270	peruvian scallop
-80	NC_016198	14281	giant roundworm
-157	NC_000894	20992	leishmania
-281	NC_019571	13913	cat lungworm
-506	NC_016197	13724	filarial nematode
-848	NC_001722	10359	hiv-2 (virus)
-3120	NC_023248	29999	anamorphic fungus
-5047	NC_035130	6363	australian mosquito
-5104	NC_007233	5990	monkey malaria parasite
-5644	NC_001499	5894	abelson (virus)
-11120	NC_016577	2633	AbMV (virus)
-13046	NC_020099	1670	copepod