

NC_001700 — cat (17009 bp)
LCS with gap/mismatch penalty of -1

score	NC	bp	common name
13622	NC_005212	17047	cheetah
12785	NC_010638	16773	snow leopard
11230	NC_020669	17112	striped hyena
10470	NC_001602	16797	grey seal
9214	NC_001601	16402	blue whale
9177	NC_000845	16613	wild boar
9136	NC_001321	16398	fin whale
9126	NC_009692	16431	sea otter
9025	NC_008092	16729	gray wolf 1
9010	NC_002008	16727	dog
9003	NC_009686	16757	gray wolf 2
8967	NC_027956	16721	african golden wolf
8854	NC_020648	16538	striped skunk
8807	NC_001788	16670	wild ass
8673	NC_024820	16433	giraffe
8521	NC_006928	16408	brydes whale
8257	NC_023889	16386	killer whale
8245	NC_012920	16569	human
8240	NC_011137	16565	neanderthal
8076	NC_035817	16490	finlaysons squirrel
8060	NC_002369	16507	red squirrel
7840	NC_022429	16637	spectral bat
7808	NC_024052	16965	diana tarsier
7754	NC_016428	16263	striped field mouse
7714	NC_002078	16816	aardvark
7683	NC_027932	16232	harvest mouse
7534	NC_021386	16580	long-tailed chinchilla
7439	NC_001645	16364	gorilla
7425	NC_001644	16563	bonobo
7323	NC_000884	16801	guinea pig
7220	NC_002083	16499	orangutan
7072	NC_025222	16560	tonkean macaque
6793	NC_003322	16996	common wombat
6552	NC_001610	17084	virginia opossum
6405	NC_000891	17019	platypus
6318	NC_030247	16603	labeonin
6252	NC_031807	16581	common carp
6205	NC_011943	16502	starry triggerfish
6200	NC_018033	16683	blood pheasant
6178	NC_028290	16565	atlantic sturgeon

score	NC	bp	common name
6177	NC_023520	16773	sand tiger shark
6161	NC_022415	16744	white shark
6153	NC_020336	16525	tiger tail seahorse
6150	NC_010570	16433	pirarucu
6149	NC_028018	16653	white char
6135	NC_009830	16434	powderblue surgeonfish
6129	NC_025594	16802	long-tailed rosefinch
6126	NC_020591	16673	hazel grouse
6028	NC_005958	16016	alligator lizard
6004	NC_011180	16825	flat needlefish
5971	NC_005797	16369	axolotl
5946	NC_036391	16513	yellow bullhead
5925	NC_006887	16375	tiger salamander
5924	NC_009064	16703	indo-pacific sergeant
5912	NC_024853	16509	moonlighter fish
5905	NC_027847	17962	grey parrot
5884	NC_027857	16551	bandit angelfish
5836	NC_008668	16778	ray-finned fish
5804	NC_003190	16715	john dory
5790	NC_026308	17298	baja california brush lizard
5786	NC_004380	16479	goosefish
5779	NC_004390	16508	tapetail
5673	NC_020346	17098	greenspot goby
5647	NC_011947	16441	spiny tailed leatherjacket
5494	NC_027241	16893	goulds sunbird
5487	NC_015200	16939	eurasian magpie
5477	NC_011196	16738	greylag goose
5457	NC_018801	16775	red-winged blackbird
5445	NC_002783	16749	rhea
5426	NC_018804	16773	saffron-cowled blackbird
5333	NC_008410	17277	asiatic toad
5285	NC_033973	16817	terek sandpiper
5128	NC_036493	17325	Santa Barbara tree frog
5106	NC_029146	17821	silveryeye
5059	NC_029846	17370	lesser kestrel
5057	NC_026082	17952	besra
5036	NC_032058	17827	abyssinian white-eye
5029	NC_024268	17937	silver-throated bushtit
4855	NC_028510	17271	austrolebias
4384	NC_032084	17165	grey burrowing snake

score	NC	bp	common name
4278	NC_014175	16544	peninsular horned tree lizard
3687	NC_035150	18974	cat gecko
3400	NC_025923	20350	Eurasian bittern
1940	NC_023955	15782	freshwater pearl mussel
1828	NC_015342	15647	kudzu beetle
1783	NC_026104	15804	stonefly
1721	NC_013272	16518	brown marmorated stink bug
1714	NC_014887	15599	chinese grasshopper
1691	NC_033906	15872	Sinopodisma wulingshanensis
1690	NC_034122	14913	congo termite
1675	NC_030265	15534	european mantis
1623	NC_029168	15326	acasta sulcata
1550	NC_008221	15774	asian longhorned beetle
1533	NC_015119	16803	snow scorpionfly
1528	NC_031858	16310	pacific star shell
1512	NC_014295	15895	eastern honey bee
1504	NC_035677	16130	bean weevil
1367	NC_029498	15281	yellow-banded acraea
1358	NC_029510	15258	dancing acraea
1289	NC_026914	14948	water flea
1279	NC_016419	15140	east palearctic butterfly
741	NC_022827	18479	staghorn coral
426	NC_027943	16270	peruvian scallop
415	NC_008161	14853	stony coral
207	NC_021933	15282	millipede
128	NC_000894	20992	leishmania
-104	NC_016198	14281	giant roundworm
-350	NC_019571	13913	cat lungworm
-580	NC_016197	13724	filarial nematode
-1074	NC_001722	10359	hiv-2 (virus)
-2530	NC_023248	29999	anamorphic fungus
-5436	NC_035130	6363	australian mosquito
-5558	NC_007233	5990	monkey malaria parasite
-6064	NC_001499	5894	abelson (virus)
-11743	NC_016577	2633	AbMV (virus)
-13669	NC_020099	1670	copepod