

**NC\_021386 — long-tailed chinchilla (16580 bp)**  
LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
9136	NC_000884	16801	guinea pig
9004	NC_001788	16670	wild ass
8640	NC_002078	16816	aardvark
8622	NC_024820	16433	giraffe
8618	NC_002369	16507	red squirrel
8592	NC_009692	16431	sea otter
8581	NC_024052	16965	diana tarsier
8577	NC_006928	16408	brydes whale
8573	NC_035817	16490	finlaysons squirrel
8467	NC_020648	16538	striped skunk
8437	NC_009686	16757	gray wolf 2
8436	NC_008092	16729	gray wolf 1
8433	NC_022429	16637	spectral bat
8405	NC_002008	16727	dog
8355	NC_016428	16263	striped field mouse
8310	NC_027956	16721	african golden wolf
8278	NC_027932	16232	harvest mouse
8268	NC_023889	16386	killer whale
8213	NC_001644	16563	bonobo
8118	NC_002083	16499	orangutan
8093	NC_001645	16364	gorilla
8009	NC_025222	16560	tonkean macaque
7821	NC_020669	17112	striped hyena
7778	NC_001601	16402	blue whale
7733	NC_001321	16398	fin whale
7707	NC_003322	16996	common wombat
7567	NC_005212	17047	cheetah
7534	NC_001700	17009	cat
7472	NC_010638	16773	snow leopard
7443	NC_001610	17084	virginia opossum
7386	NC_001602	16797	grey seal
7277	NC_011137	16565	neanderthal
7276	NC_012920	16569	human
7232	NC_000891	17019	platypus
6872	NC_023520	16773	sand tiger shark
6776	NC_031807	16581	common carp
6751	NC_022415	16744	white shark
6736	NC_030247	16603	labeonin
6717	NC_000845	16613	wild boar
6675	NC_028290	16565	atlantic sturgeon

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6663	NC_026308	17298	baja california brush lizard
6617	NC_011943	16502	starry triggerfish
6583	NC_020336	16525	tiger tail seahorse
6579	NC_009064	16703	indo-pacific sergeant
6574	NC_010570	16433	pirarucu
6545	NC_009830	16434	powderblue surgeonfish
6535	NC_020346	17098	greenspot goby
6524	NC_011180	16825	flat needlefish
6500	NC_005797	16369	axolotl
6493	NC_024853	16509	moonlighter fish
6454	NC_003190	16715	john dory
6424	NC_008668	16778	ray-finned fish
6423	NC_006887	16375	tiger salamander
6406	NC_036391	16513	yellow bullhead
6395	NC_005958	16016	alligator lizard
6390	NC_027857	16551	bandit angelfish
6279	NC_015200	16939	eurasian magpie
6274	NC_004380	16479	goosefish
6236	NC_018801	16775	red-winged blackbird
6230	NC_027241	16893	goulds sunbird
6210	NC_004390	16508	tapetail
6192	NC_018804	16773	saffron-cowled blackbird
6165	NC_011196	16738	greylag goose
6120	NC_011947	16441	spiny tailed leatherjacket
6062	NC_033973	16817	terek sandpiper
6062	NC_002783	16749	rhea
5998	NC_026082	17952	besra
5944	NC_029146	17821	silveryeye
5941	NC_024268	17937	silver-throated bushtit
5848	NC_008410	17277	asiatic toad
5833	NC_029846	17370	lesser kestrel
5820	NC_032058	17827	abyssinian white-eye
5659	NC_036493	17325	Santa Barbara tree frog
5457	NC_028510	17271	austrolebias
5313	NC_014175	16544	peninsular horned tree lizard
5205	NC_018033	16683	blood pheasant
5193	NC_025594	16802	long-tailed rosefinch
5168	NC_027847	17962	grey parrot
5114	NC_020591	16673	hazel grouse
4975	NC_032084	17165	grey burrowing snake

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
4791	NC_028018	16653	white char
4587	NC_035150	18974	cat gecko
4564	NC_025923	20350	Eurasian bittern
2000	NC_023955	15782	freshwater pearl mussel
1838	NC_034122	14913	congo termite
1810	NC_015342	15647	kudzu beetle
1752	NC_026104	15804	stonefly
1697	NC_014887	15599	chinese grasshopper
1673	NC_013272	16518	brown marmorated stink bug
1650	NC_033906	15872	Sinopodisma wulingshanensis
1550	NC_030265	15534	european mantis
1491	NC_008221	15774	asian longhorned beetle
1440	NC_035677	16130	bean weevil
1435	NC_029168	15326	acasta sulcata
1398	NC_014295	15895	eastern honey bee
1351	NC_031858	16310	pacific star shell
1340	NC_015119	16803	snow scorpionfly
1327	NC_029498	15281	yellow-banded acraea
1310	NC_029510	15258	dancing acraea
1295	NC_016419	15140	east palearctic butterfly
1265	NC_026914	14948	water flea
412	NC_022827	18479	staghorn coral
222	NC_008161	14853	stony coral
171	NC_027943	16270	peruvian scallop
37	NC_021933	15282	millipede
-263	NC_000894	20992	leishmania
-401	NC_016198	14281	giant roundworm
-606	NC_019571	13913	cat lungworm
-858	NC_016197	13724	filarial nematode
-975	NC_001722	10359	hiv-2 (virus)
-3185	NC_023248	29999	anamorphic fungus
-5195	NC_035130	6363	australian mosquito
-5292	NC_007233	5990	monkey malaria parasite
-5802	NC_001499	5894	abelson (virus)
-11314	NC_016577	2633	AbMV (virus)
-13240	NC_020099	1670	copepod