

**NC\_005958 — alligator lizard (16016 bp)**  
 LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
7080	NC_026308	17298	baja california brush lizard
6708	NC_028290	16565	atlantic sturgeon
6693	NC_010570	16433	pirarucu
6655	NC_030247	16603	labeonin
6641	NC_011943	16502	starry triggerfish
6635	NC_031807	16581	common carp
6577	NC_022415	16744	white shark
6560	NC_020336	16525	tiger tail seahorse
6552	NC_006928	16408	brydes whale
6549	NC_023520	16773	sand tiger shark
6537	NC_016428	16263	striped field mouse
6529	NC_006887	16375	tiger salamander
6528	NC_005797	16369	axolotl
6516	NC_035817	16490	finlaysons squirrel
6509	NC_036391	16513	yellow bullhead
6499	NC_001601	16402	blue whale
6474	NC_027932	16232	harvest mouse
6442	NC_020648	16538	striped skunk
6438	NC_001321	16398	fin whale
6431	NC_023889	16386	killer whale
6429	NC_024820	16433	giraffe
6420	NC_009064	16703	indo-pacific sergeant
6413	NC_001788	16670	wild ass
6395	NC_021386	16580	long-tailed chinchilla
6385	NC_011180	16825	flat needlefish
6384	NC_027857	16551	bandit angelfish
6374	NC_002369	16507	red squirrel
6370	NC_009692	16431	sea otter
6369	NC_024853	16509	moonlighter fish
6366	NC_009830	16434	powderblue surgeonfish
6233	NC_008668	16778	ray-finned fish
6233	NC_004390	16508	tapetail
6231	NC_003190	16715	john dory
6219	NC_004380	16479	goosefish
6205	NC_011947	16441	spiny tailed leatherjacket
6190	NC_002078	16816	aardvark
6126	NC_015200	16939	eurasian magpie
6114	NC_001645	16364	gorilla
6112	NC_024052	16965	diana tarsier
6108	NC_005212	17047	cheetah

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
6087	NC_003322	16996	common wombat
6087	NC_001644	16563	bonobo
6086	NC_018801	16775	red-winged blackbird
6080	NC_022429	16637	spectral bat
6076	NC_025222	16560	tonkean macaque
6075	NC_010638	16773	snow leopard
6075	NC_008092	16729	gray wolf 1
6066	NC_002008	16727	dog
6063	NC_011196	16738	greylag goose
6061	NC_020346	17098	greenspot goby
6051	NC_009686	16757	gray wolf 2
6044	NC_033973	16817	terek sandpiper
6038	NC_027956	16721	african golden wolf
6028	NC_001700	17009	cat
6027	NC_000884	16801	guinea pig
6026	NC_018804	16773	saffron-cowled blackbird
6001	NC_002083	16499	orangutan
5993	NC_011137	16565	neanderthal
5990	NC_012920	16569	human
5986	NC_027241	16893	goulds sunbird
5960	NC_001602	16797	grey seal
5949	NC_001610	17084	virginia opossum
5930	NC_020669	17112	striped hyena
5906	NC_002783	16749	rhea
5860	NC_000891	17019	platypus
5657	NC_029146	17821	silveryeye
5626	NC_026082	17952	besra
5592	NC_029846	17370	lesser kestrel
5558	NC_000845	16613	wild boar
5541	NC_008410	17277	asiatic toad
5537	NC_024268	17937	silver-throated bushtit
5522	NC_032058	17827	abyssinian white-eye
5514	NC_018033	16683	blood pheasant
5453	NC_025594	16802	long-tailed rosefinch
5415	NC_028018	16653	white char
5392	NC_020591	16673	hazel grouse
5316	NC_036493	17325	Santa Barbara tree frog
5206	NC_014175	16544	peninsular horned tree lizard
5204	NC_027847	17962	grey parrot
5164	NC_028510	17271	austrolebias

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4975	NC_032084	17165	grey burrowing snake
4515	NC_035150	18974	cat gecko
3958	NC_025923	20350	Eurasian bittern
2034	NC_023955	15782	freshwater pearl mussel
1918	NC_015342	15647	kudzu beetle
1853	NC_034122	14913	congo termite
1814	NC_026104	15804	stonefly
1777	NC_014887	15599	chinese grasshopper
1764	NC_013272	16518	brown marmorated stink bug
1698	NC_033906	15872	Sinopodisma wulingshanensis
1684	NC_030265	15534	european mantis
1582	NC_029168	15326	acasta sulcata
1569	NC_008221	15774	asian longhorned beetle
1498	NC_035677	16130	bean weevil
1497	NC_014295	15895	eastern honey bee
1438	NC_015119	16803	snow scorpionfly
1433	NC_031858	16310	pacific star shell
1415	NC_029510	15258	dancing acraea
1412	NC_029498	15281	yellow-banded acraea
1362	NC_026914	14948	water flea
1341	NC_016419	15140	east palearctic butterfly
483	NC_008161	14853	stony coral
426	NC_022827	18479	staghorn coral
290	NC_021933	15282	millipede
220	NC_027943	16270	peruvian scallop
-157	NC_016198	14281	giant roundworm
-344	NC_000894	20992	leishmania
-365	NC_019571	13913	cat lungworm
-574	NC_016197	13724	filarial nematode
-643	NC_001722	10359	hiv-2 (virus)
-3471	NC_023248	29999	anamorphic fungus
-4733	NC_035130	6363	australian mosquito
-4806	NC_007233	5990	monkey malaria parasite
-5293	NC_001499	5894	abelson (virus)
-10750	NC_016577	2633	AbMV (virus)
-12676	NC_020099	1670	copepod