

**NC\_009686 — gray wolf 2 (16757 bp)**  
LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
16592	NC_008092	16729	gray wolf 1
16496	NC_002008	16727	dog
15622	NC_027956	16721	african golden wolf
10283	NC_020648	16538	striped skunk
10155	NC_009692	16431	sea otter
9897	NC_001788	16670	wild ass
9386	NC_024820	16433	giraffe
9100	NC_006928	16408	brydes whale
9041	NC_024052	16965	diana tarsier
9033	NC_002078	16816	aardvark
9018	NC_020669	17112	striped hyena
9010	NC_005212	17047	cheetah
9003	NC_001700	17009	cat
8840	NC_023889	16386	killer whale
8802	NC_002369	16507	red squirrel
8783	NC_022429	16637	spectral bat
8750	NC_035817	16490	finlaysons squirrel
8717	NC_010638	16773	snow leopard
8711	NC_001602	16797	grey seal
8459	NC_000884	16801	guinea pig
8437	NC_021386	16580	long-tailed chinchilla
8422	NC_016428	16263	striped field mouse
8313	NC_001321	16398	fin whale
8296	NC_027932	16232	harvest mouse
8271	NC_001601	16402	blue whale
8184	NC_001644	16563	bonobo
7940	NC_001645	16364	gorilla
7785	NC_025222	16560	tonkean macaque
7775	NC_002083	16499	orangutan
7727	NC_001610	17084	virginia opossum
7718	NC_003322	16996	common wombat
7587	NC_000891	17019	platypus
7282	NC_000845	16613	wild boar
7183	NC_011137	16565	neanderthal
7169	NC_012920	16569	human
6929	NC_023520	16773	sand tiger shark
6871	NC_022415	16744	white shark
6801	NC_030247	16603	labeonin
6765	NC_005797	16369	axolotl
6759	NC_006887	16375	tiger salamander

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
6721	NC_026308	17298	baja california brush lizard
6717	NC_020346	17098	greenspot goby
6710	NC_020336	16525	tiger tail seahorse
6655	NC_011180	16825	flat needlefish
6627	NC_028290	16565	atlantic sturgeon
6622	NC_031807	16581	common carp
6605	NC_011943	16502	starry triggerfish
6579	NC_008668	16778	ray-finned fish
6573	NC_010570	16433	pirarucu
6553	NC_009064	16703	indo-pacific sergeant
6492	NC_003190	16715	john dory
6479	NC_036391	16513	yellow bullhead
6439	NC_009830	16434	powderblue surgeonfish
6423	NC_024853	16509	moonlighter fish
6422	NC_027857	16551	bandit angelfish
6262	NC_004390	16508	tapetail
6208	NC_015200	16939	eurasian magpie
6139	NC_004380	16479	goosefish
6131	NC_011947	16441	spiny tailed leatherjacket
6114	NC_018801	16775	red-winged blackbird
6075	NC_018804	16773	saffron-cowled blackbird
6051	NC_005958	16016	alligator lizard
5971	NC_002783	16749	rhea
5945	NC_027241	16893	goulds sunbird
5922	NC_033973	16817	terek sandpiper
5911	NC_011196	16738	greylag goose
5877	NC_008410	17277	asiatic toad
5871	NC_029146	17821	silvereve
5811	NC_036493	17325	Santa Barbara tree frog
5778	NC_026082	17952	besra
5773	NC_032058	17827	abyssinian white-eye
5766	NC_024268	17937	silver-throated bushtit
5759	NC_028510	17271	austrolebias
5673	NC_029846	17370	lesser kestrel
5126	NC_014175	16544	peninsular horned tree lizard
4909	NC_018033	16683	blood pheasant
4904	NC_027847	17962	grey parrot
4878	NC_020591	16673	hazel grouse
4856	NC_035150	18974	cat gecko
4801	NC_028018	16653	white char

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4795	NC_025594	16802	long-tailed rosefinch
4738	NC_032084	17165	grey burrowing snake
4436	NC_025923	20350	Eurasian bittern
1968	NC_013272	16518	brown marmorated stink bug
1904	NC_023955	15782	freshwater pearl mussel
1862	NC_015342	15647	kudzu beetle
1798	NC_030265	15534	european mantis
1771	NC_026104	15804	stonefly
1770	NC_033906	15872	Sinopodisma wulingshanensis
1723	NC_008221	15774	asian longhorned beetle
1720	NC_014887	15599	chinese grasshopper
1701	NC_034122	14913	congo termite
1690	NC_029168	15326	acasta sulcata
1642	NC_035677	16130	bean weevil
1633	NC_014295	15895	eastern honey bee
1621	NC_031858	16310	pacific star shell
1621	NC_015119	16803	snow scorpionfly
1522	NC_029510	15258	dancing acraea
1506	NC_029498	15281	yellow-banded acraea
1498	NC_016419	15140	east palearctic butterfly
1456	NC_026914	14948	water flea
793	NC_022827	18479	staghorn coral
683	NC_008161	14853	stony coral
674	NC_021933	15282	millipede
518	NC_027943	16270	peruvian scallop
183	NC_016198	14281	giant roundworm
69	NC_000894	20992	leishmania
48	NC_019571	13913	cat lungworm
-208	NC_016197	13724	filarial nematode
-1023	NC_001722	10359	hiv-2 (virus)
-2745	NC_023248	29999	anamorphic fungus
-5229	NC_035130	6363	australian mosquito
-5332	NC_007233	5990	monkey malaria parasite
-5842	NC_001499	5894	abelson (virus)
-11491	NC_016577	2633	AbMV (virus)
-13417	NC_020099	1670	copepod