

**NC\_002008 — dog (16727 bp)**  
LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
16527	NC_008092	16729	gray wolf 1
16496	NC_009686	16757	gray wolf 2
15618	NC_027956	16721	african golden wolf
10260	NC_020648	16538	striped skunk
10158	NC_009692	16431	sea otter
9866	NC_001788	16670	wild ass
9362	NC_024820	16433	giraffe
9091	NC_006928	16408	brydes whale
9020	NC_002078	16816	aardvark
9017	NC_005212	17047	cheetah
9010	NC_001700	17009	cat
8998	NC_024052	16965	diana tarsier
8993	NC_020669	17112	striped hyena
8857	NC_023889	16386	killer whale
8807	NC_002369	16507	red squirrel
8752	NC_022429	16637	spectral bat
8733	NC_010638	16773	snow leopard
8732	NC_035817	16490	finlaysons squirrel
8708	NC_001602	16797	grey seal
8447	NC_000884	16801	guinea pig
8426	NC_016428	16263	striped field mouse
8405	NC_021386	16580	long-tailed chinchilla
8317	NC_001321	16398	fin whale
8282	NC_027932	16232	harvest mouse
8273	NC_001601	16402	blue whale
8192	NC_001644	16563	bonobo
7960	NC_001645	16364	gorilla
7795	NC_025222	16560	tonkean macaque
7793	NC_002083	16499	orangutan
7684	NC_001610	17084	virginia opossum
7677	NC_003322	16996	common wombat
7567	NC_000891	17019	platypus
7300	NC_000845	16613	wild boar
7173	NC_011137	16565	neanderthal
7162	NC_012920	16569	human
6910	NC_023520	16773	sand tiger shark
6864	NC_022415	16744	white shark
6775	NC_030247	16603	labeonin
6773	NC_005797	16369	axolotl
6770	NC_006887	16375	tiger salamander

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6706	NC_020336	16525	tiger tail seahorse
6683	NC_020346	17098	greenspot goby
6680	NC_026308	17298	baja california brush lizard
6632	NC_011180	16825	flat needlefish
6626	NC_028290	16565	atlantic sturgeon
6625	NC_011943	16502	starry triggerfish
6609	NC_031807	16581	common carp
6577	NC_010570	16433	pirarucu
6559	NC_008668	16778	ray-finned fish
6537	NC_009064	16703	indo-pacific sergeant
6479	NC_003190	16715	john dory
6478	NC_036391	16513	yellow bullhead
6454	NC_027857	16551	bandit angelfish
6430	NC_009830	16434	powderblue surgeonfish
6419	NC_024853	16509	moonlighter fish
6245	NC_004390	16508	tapetail
6192	NC_015200	16939	eurasian magpie
6144	NC_004380	16479	goosefish
6130	NC_011947	16441	spiny tailed leatherjacket
6101	NC_018801	16775	red-winged blackbird
6066	NC_005958	16016	alligator lizard
6062	NC_018804	16773	saffron-cowled blackbird
5950	NC_002783	16749	rhea
5926	NC_027241	16893	goulds sunbird
5918	NC_033973	16817	terek sandpiper
5917	NC_011196	16738	greylag goose
5864	NC_008410	17277	asiatic toad
5843	NC_029146	17821	silvereve
5794	NC_036493	17325	Santa Barbara tree frog
5758	NC_028510	17271	austrolebias
5749	NC_032058	17827	abyssinian white-eye
5748	NC_026082	17952	besra
5748	NC_024268	17937	silver-throated bushtit
5659	NC_029846	17370	lesser kestrel
5121	NC_014175	16544	peninsular horned tree lizard
4915	NC_018033	16683	blood pheasant
4902	NC_027847	17962	grey parrot
4880	NC_020591	16673	hazel grouse
4812	NC_035150	18974	cat gecko
4788	NC_028018	16653	white char

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4773	NC_025594	16802	long-tailed rosefinch
4754	NC_032084	17165	grey burrowing snake
4390	NC_025923	20350	Eurasian bittern
1961	NC_013272	16518	brown marmorated stink bug
1925	NC_023955	15782	freshwater pearl mussel
1869	NC_015342	15647	kudzu beetle
1781	NC_030265	15534	european mantis
1764	NC_033906	15872	Sinopodisma wulingshanensis
1762	NC_026104	15804	stonefly
1720	NC_014887	15599	chinese grasshopper
1720	NC_008221	15774	asian longhorned beetle
1691	NC_034122	14913	congo termite
1679	NC_029168	15326	acasta sulcata
1627	NC_014295	15895	eastern honey bee
1626	NC_031858	16310	pacific star shell
1624	NC_035677	16130	bean weevil
1606	NC_015119	16803	snow scorpionfly
1498	NC_016419	15140	east palearctic butterfly
1497	NC_029510	15258	dancing acraea
1496	NC_029498	15281	yellow-banded acraea
1448	NC_026914	14948	water flea
777	NC_022827	18479	staghorn coral
692	NC_008161	14853	stony coral
687	NC_021933	15282	millipede
529	NC_027943	16270	peruvian scallop
194	NC_016198	14281	giant roundworm
57	NC_019571	13913	cat lungworm
45	NC_000894	20992	leishmania
-192	NC_016197	13724	filarial nematode
-997	NC_001722	10359	hiv-2 (virus)
-2774	NC_023248	29999	anamorphic fungus
-5200	NC_035130	6363	australian mosquito
-5310	NC_007233	5990	monkey malaria parasite
-5805	NC_001499	5894	abelson (virus)
-11461	NC_016577	2633	AbMV (virus)
-13387	NC_020099	1670	copepod