

**NC\_008092 — gray wolf 1 (16729 bp)**

Computation with NUC.4.4 substitutions scores and -6 gap start and -1 gap extension penalties

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
83114	NC_009686	16757	gray wolf 2
82738	NC_002008	16727	dog
78785	NC_027956	16721	african golden wolf
54342	NC_020648	16538	striped skunk
54211	NC_009692	16431	sea otter
52701	NC_001788	16670	wild ass
51826	NC_005212	17047	cheetah
51747	NC_001700	17009	cat
51432	NC_001602	16797	grey seal
51266	NC_020669	17112	striped hyena
50887	NC_024820	16433	giraffe
50495	NC_010638	16773	snow leopard
49669	NC_006928	16408	brydes whale
49255	NC_002078	16816	aardvark
49241	NC_024052	16965	diana tarsier
48565	NC_023889	16386	killer whale
48028	NC_001321	16398	fin whale
47945	NC_002369	16507	red squirrel
47916	NC_035817	16490	finlaysons squirrel
47904	NC_001601	16402	blue whale
47821	NC_022429	16637	spectral bat
47340	NC_000845	16613	wild boar
46677	NC_016428	16263	striped field mouse
46673	NC_021386	16580	long-tailed chinchilla
46622	NC_000884	16801	guinea pig
46015	NC_027932	16232	harvest mouse
45421	NC_001644	16563	bonobo
44471	NC_001645	16364	gorilla
43695	NC_001610	17084	virginia opossum
43677	NC_025222	16560	tonkean macaque
43648	NC_002083	16499	orangutan
43490	NC_003322	16996	common wombat
43183	NC_011137	16565	neanderthal
43151	NC_012920	16569	human
43053	NC_000891	17019	platypus
40211	NC_023520	16773	sand tiger shark
39871	NC_026308	17298	baja california brush lizard
39795	NC_022415	16744	white shark
39691	NC_030247	16603	labeonin
39490	NC_006887	16375	tiger salamander

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
39490	NC_005797	16369	axolotl
39399	NC_020346	17098	greenspot goby
39325	NC_028290	16565	atlantic sturgeon
39193	NC_020336	16525	tiger tail seahorse
39172	NC_011943	16502	starry triggerfish
39164	NC_011180	16825	flat needlefish
39151	NC_031807	16581	common carp
39095	NC_010570	16433	pirarucu
38914	NC_009064	16703	indo-pacific sergeant
38807	NC_008668	16778	ray-finned fish
38405	NC_009830	16434	powderblue surgeonfish
38330	NC_036391	16513	yellow bullhead
38293	NC_027857	16551	bandit angelfish
38250	NC_024853	16509	moonlighter fish
38248	NC_003190	16715	john dory
38036	NC_015200	16939	eurasian magpie
37825	NC_018804	16773	saffron-cowled blackbird
37800	NC_018801	16775	red-winged blackbird
37621	NC_027241	16893	goulds sunbird
37483	NC_004390	16508	tapetail
37210	NC_029146	17821	silveryeye
37186	NC_004380	16479	goosefish
37125	NC_005958	16016	alligator lizard
37121	NC_011947	16441	spiny tailed leatherjacket
37076	NC_002783	16749	rhea
36982	NC_024268	17937	silver-throated bushtit
36967	NC_032058	17827	abyssinian white-eye
36902	NC_011196	16738	greylag goose
36859	NC_033973	16817	terek sandpiper
36775	NC_026082	17952	besra
36766	NC_008410	17277	asiatic toad
36582	NC_029846	17370	lesser kestrel
36433	NC_036493	17325	Santa Barbara tree frog
36246	NC_025923	20350	Eurasian bittern
36147	NC_028510	17271	austrolebias
36007	NC_035150	18974	cat gecko
35739	NC_018033	16683	blood pheasant
35455	NC_020591	16673	hazel grouse
35362	NC_028018	16653	white char
35349	NC_027847	17962	grey parrot

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
35215	NC_025594	16802	long-tailed rosefinch
33131	NC_032084	17165	grey burrowing snake
32907	NC_014175	16544	peninsular horned tree lizard
22537	NC_023248	29999	anamorphic fungus
21068	NC_013272	16518	brown marmorated stink bug
21030	NC_023955	15782	freshwater pearl mussel
20782	NC_015342	15647	kudzu beetle
20495	NC_026104	15804	stonefly
20412	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
20391	NC_035677	16130	bean weevil
20303	NC_030265	15534	european mantis
20277	NC_008221	15774	asian longhorned beetle
20207	NC_014887	15599	chinese grasshopper
20203	NC_015119	16803	snow scorpionfly
20167	NC_031858	16310	pacific star shell
20013	NC_029168	15326	<i>acasta sulcata</i>
19958	NC_034122	14913	congo termite
19698	NC_014295	15895	eastern honey bee
19590	NC_029510	15258	dancing acraea
19527	NC_029498	15281	yellow-banded acraea
19376	NC_016419	15140	east palearctic butterfly
19293	NC_026914	14948	water flea
19114	NC_022827	18479	staghorn coral
18500	NC_000894	20992	leishmania
16750	NC_021933	15282	millipede
16615	NC_008161	14853	stony coral
16389	NC_027943	16270	peruvian scallop
14538	NC_016198	14281	giant roundworm
13944	NC_019571	13913	cat lungworm
13228	NC_016197	13724	filarial nematode
12962	NC_001722	10359	hiv-2 (virus)
5717	NC_007233	5990	monkey malaria parasite
5194	NC_035130	6363	australian mosquito
4008	NC_001499	5894	abelson (virus)
-5367	NC_016577	2633	AbMV (virus)
-9225	NC_020099	1670	copepod