

**NC\_020669 — striped hyena (17112 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>
59409	NC_005212	17047	cheetah
59303	NC_001700	17009	cat
58382	NC_010638	16773	snow leopard
55141	NC_001602	16797	grey seal
51668	NC_009692	16431	sea otter
51307	NC_009686	16757	gray wolf 2
51266	NC_008092	16729	gray wolf 1
51187	NC_001788	16670	wild ass
51144	NC_002008	16727	dog
51048	NC_027956	16721	african golden wolf
50930	NC_000845	16613	wild boar
50808	NC_020648	16538	striped skunk
50504	NC_001601	16402	blue whale
49957	NC_001321	16398	fin whale
49592	NC_024820	16433	giraffe
49064	NC_006928	16408	brydes whale
47838	NC_023889	16386	killer whale
47518	NC_022429	16637	spectral bat
46674	NC_035817	16490	finlaysons squirrel
46470	NC_024052	16965	diana tarsier
46378	NC_002078	16816	aardvark
45887	NC_012920	16569	human
45796	NC_002369	16507	red squirrel
45752	NC_011137	16565	neanderthal
45635	NC_021386	16580	long-tailed chinchilla
44878	NC_001644	16563	bonobo
44745	NC_016428	16263	striped field mouse
44647	NC_027932	16232	harvest mouse
44282	NC_001645	16364	gorilla
44175	NC_002083	16499	orangutan
44034	NC_000884	16801	guinea pig
43223	NC_025222	16560	tonkean macaque
42961	NC_003322	16996	common wombat
41760	NC_001610	17084	virginia opossum
41200	NC_000891	17019	platypus
39082	NC_031807	16581	common carp
39040	NC_028290	16565	atlantic sturgeon
38986	NC_026308	17298	baja california brush lizard
38800	NC_030247	16603	labeonin
38772	NC_023520	16773	sand tiger shark

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
38708	NC_011943	16502	starry triggerfish
38398	NC_009064	16703	indo-pacific sergeant
38342	NC_022415	16744	white shark
38232	NC_010570	16433	pirarucu
38227	NC_020336	16525	tiger tail seahorse
38125	NC_009830	16434	powderblue surgeonfish
38070	NC_036391	16513	yellow bullhead
38007	NC_011180	16825	flat needlefish
38000	NC_025594	16802	long-tailed rosefinch
37966	NC_020346	17098	greenspot goby
37955	NC_008668	16778	ray-finned fish
37884	NC_018033	16683	blood pheasant
37658	NC_020591	16673	hazel grouse
37647	NC_024853	16509	moonlighter fish
37585	NC_005797	16369	axolotl
37564	NC_003190	16715	john dory
37501	NC_027857	16551	bandit angelfish
37459	NC_006887	16375	tiger salamander
37412	NC_028018	16653	white char
37400	NC_027847	17962	grey parrot
37269	NC_004380	16479	goosefish
37162	NC_005958	16016	alligator lizard
37157	NC_027241	16893	goulds sunbird
37144	NC_018804	16773	saffron-cowled blackbird
36961	NC_004390	16508	tapetail
36896	NC_015200	16939	eurasian magpie
36838	NC_018801	16775	red-winged blackbird
36786	NC_033973	16817	terek sandpiper
36746	NC_026082	17952	besra
36693	NC_011196	16738	greylag goose
36577	NC_008410	17277	asiatic toad
36561	NC_002783	16749	rhea
36553	NC_011947	16441	spiny tailed leatherjacket
36433	NC_024268	17937	silver-throated bushtit
36239	NC_029146	17821	silvereye
36130	NC_029846	17370	lesser kestrel
35939	NC_032058	17827	abyssinian white-eye
35650	NC_025923	20350	Eurasian bittern
35603	NC_036493	17325	Santa Barbara tree frog
34224	NC_028510	17271	austrolebias

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
32770	NC_035150	18974	cat gecko
32550	NC_032084	17165	grey burrowing snake
32323	NC_014175	16544	peninsular horned tree lizard
22530	NC_023248	29999	anamorphic fungus
21407	NC_023955	15782	freshwater pearl mussel
20605	NC_026104	15804	stonefly
20285	NC_015342	15647	kudzu beetle
20144	NC_034122	14913	congo termite
19991	NC_013272	16518	brown marmorated stink bug
19804	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
19644	NC_014887	15599	chinese grasshopper
19400	NC_029168	15326	<i>acasta sulcata</i>
19381	NC_031858	16310	pacific star shell
19317	NC_030265	15534	european mantis
19189	NC_035677	16130	bean weevil
19053	NC_008221	15774	asian longhorned beetle
18900	NC_015119	16803	snow scorpionfly
18399	NC_014295	15895	eastern honey bee
18388	NC_026914	14948	water flea
18278	NC_029498	15281	yellow-banded acraea
18257	NC_029510	15258	dancing acraea
18147	NC_022827	18479	staghorn coral
17852	NC_016419	15140	east palearctic butterfly
17672	NC_000894	20992	leishmania
15675	NC_027943	16270	peruvian scallop
15142	NC_008161	14853	stony coral
14698	NC_021933	15282	millipede
13242	NC_001722	10359	hiv-2 (virus)
12597	NC_016198	14281	giant roundworm
12112	NC_019571	13913	cat lungworm
11311	NC_016197	13724	filarial nematode
5174	NC_007233	5990	monkey malaria parasite
4998	NC_035130	6363	australian mosquito
3808	NC_001499	5894	abelson (virus)
-5776	NC_016577	2633	AbMV (virus)
-9538	NC_020099	1670	copepod