

**NC\_004380 — goosefish (16479 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>
51382	NC_024853	16509	moonlighter fish
50637	NC_009064	16703	indo-pacific sergeant
49856	NC_011943	16502	starry triggerfish
49609	NC_027857	16551	bandit angelfish
49139	NC_009830	16434	powderblue surgeonfish
48642	NC_011947	16441	spiny tailed leatherjacket
48311	NC_020346	17098	greenspot goby
47307	NC_011180	16825	flat needlefish
46806	NC_028290	16565	atlantic sturgeon
46757	NC_004390	16508	tapetail
46542	NC_003190	16715	john dory
46325	NC_031807	16581	common carp
45576	NC_036391	16513	yellow bullhead
45369	NC_030247	16603	labeonin
45223	NC_020336	16525	tiger tail seahorse
45099	NC_008668	16778	ray-finned fish
44901	NC_028018	16653	white char
43311	NC_010570	16433	pirarucu
42708	NC_022415	16744	white shark
42380	NC_023520	16773	sand tiger shark
38535	NC_026308	17298	baja california brush lizard
38531	NC_022429	16637	spectral bat
38333	NC_001788	16670	wild ass
38261	NC_006928	16408	brydes whale
38255	NC_008410	17277	asiatic toad
38171	NC_003322	16996	common wombat
37994	NC_028510	17271	austrolebias
37976	NC_023889	16386	killer whale
37911	NC_009692	16431	sea otter
37881	NC_005797	16369	axolotl
37752	NC_006887	16375	tiger salamander
37681	NC_024820	16433	giraffe
37578	NC_001601	16402	blue whale
37481	NC_021386	16580	long-tailed chinchilla
37428	NC_011196	16738	greylag goose
37394	NC_002078	16816	aardvark
37298	NC_002083	16499	orangutan
37279	NC_020648	16538	striped skunk
37269	NC_020669	17112	striped hyena
37243	NC_027932	16232	harvest mouse

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
37227	NC_001644	16563	bonobo
37212	NC_001321	16398	fin whale
37189	NC_035817	16490	finlaysons squirrel
37186	NC_008092	16729	gray wolf 1
37174	NC_024052	16965	diana tarsier
37164	NC_009686	16757	gray wolf 2
37128	NC_005958	16016	alligator lizard
37115	NC_002008	16727	dog
37113	NC_018801	16775	red-winged blackbird
37076	NC_002369	16507	red squirrel
37073	NC_001645	16364	gorilla
37062	NC_015200	16939	eurasian magpie
37016	NC_018804	16773	saffron-cowled blackbird
36995	NC_027956	16721	african golden wolf
36990	NC_001602	16797	grey seal
36985	NC_002783	16749	rhea
36858	NC_026082	17952	besra
36839	NC_001700	17009	cat
36833	NC_027241	16893	goulds sunbird
36775	NC_005212	17047	cheetah
36767	NC_025222	16560	tonkean macaque
36724	NC_000884	16801	guinea pig
36673	NC_029146	17821	silveryeye
36588	NC_036493	17325	Santa Barbara tree frog
36586	NC_011137	16565	neanderthal
36548	NC_016428	16263	striped field mouse
36547	NC_012920	16569	human
36517	NC_032058	17827	abyssinian white-eye
36509	NC_024268	17937	silver-throated bushtit
36496	NC_029846	17370	lesser kestrel
36464	NC_010638	16773	snow leopard
36405	NC_033973	16817	terek sandpiper
36223	NC_018033	16683	blood pheasant
36213	NC_027847	17962	grey parrot
36149	NC_000891	17019	platypus
36063	NC_001610	17084	virginia opossum
35919	NC_025594	16802	long-tailed rosefinch
35799	NC_025923	20350	Eurasian bittern
35272	NC_000845	16613	wild boar
35052	NC_020591	16673	hazel grouse

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
32650	NC_035150	18974	cat gecko
32290	NC_032084	17165	grey burrowing snake
32099	NC_014175	16544	peninsular horned tree lizard
19619	NC_023955	15782	freshwater pearl mussel
19214	NC_026104	15804	stonefly
19049	NC_023248	29999	anamorphic fungus
17868	NC_015342	15647	kudzu beetle
17811	NC_034122	14913	congo termite
17731	NC_031858	16310	pacific star shell
17431	NC_022827	18479	staghorn coral
17220	NC_026914	14948	water flea
17113	NC_029168	15326	acasta sulcata
16945	NC_013272	16518	brown marmorated stink bug
16787	NC_033906	15872	Sinopodisma wulingshanensis
16739	NC_014887	15599	chinese grasshopper
16696	NC_030265	15534	european mantis
16587	NC_035677	16130	bean weevil
16375	NC_008221	15774	asian longhorned beetle
15910	NC_027943	16270	peruvian scallop
15856	NC_029498	15281	yellow-banded acraea
15706	NC_015119	16803	snow scorpionfly
15641	NC_029510	15258	dancing acraea
15284	NC_016419	15140	east palearctic butterfly
15274	NC_021933	15282	millipede
14960	NC_008161	14853	stony coral
14710	NC_014295	15895	eastern honey bee
14217	NC_000894	20992	leishmania
12924	NC_001722	10359	hiv-2 (virus)
12167	NC_016198	14281	giant roundworm
11741	NC_019571	13913	cat lungworm
11034	NC_016197	13724	filarial nematode
5727	NC_035130	6363	australian mosquito
5274	NC_007233	5990	monkey malaria parasite
4904	NC_001499	5894	abelson (virus)
-5106	NC_016577	2633	AbMV (virus)
-8877	NC_020099	1670	copepod