

NC.011180 — flat needlefish (16825 bp)

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

score	NC	bp	common name
51607	NC_009064	16703	indo-pacific sergeant
50273	NC_024853	16509	moonlighter fish
49757	NC_011943	16502	starry triggerfish
48568	NC_009830	16434	powderblue surgeonfish
48404	NC_027857	16551	bandit angelfish
48105	NC_020346	17098	greenspot goby
47487	NC_003190	16715	john dory
47307	NC_004380	16479	goosefish
47226	NC_031807	16581	common carp
47104	NC_030247	16603	labeonin
47092	NC_011947	16441	spiny tailed leatherjacket
46867	NC_020336	16525	tiger tail seahorse
46721	NC_004390	16508	tapetail
46359	NC_028290	16565	atlantic sturgeon
46180	NC_008668	16778	ray-finned fish
45840	NC_036391	16513	yellow bullhead
45216	NC_010570	16433	pirarucu
44805	NC_023520	16773	sand tiger shark
44435	NC_022415	16744	white shark
43951	NC_028018	16653	white char
41384	NC_028510	17271	austrolebias
40973	NC_026308	17298	baja california brush lizard
40637	NC_005797	16369	axolotl
40532	NC_006887	16375	tiger salamander
40344	NC_006928	16408	brydes whale
40304	NC_024820	16433	giraffe
40014	NC_003322	16996	common wombat
39585	NC_023889	16386	killer whale
39410	NC_001788	16670	wild ass
39385	NC_024052	16965	diana tarsier
39364	NC_008410	17277	asiatic toad
39286	NC_020648	16538	striped skunk
39236	NC_009692	16431	sea otter
39169	NC_002369	16507	red squirrel
39164	NC_008092	16729	gray wolf 1
39139	NC_009686	16757	gray wolf 2
39130	NC_016428	16263	striped field mouse
39127	NC_027932	16232	harvest mouse
39023	NC_001610	17084	virginia opossum
39009	NC_022429	16637	spectral bat

score	NC	bp	common name
38996	NC_002008	16727	dog
38993	NC_035817	16490	finlaysons squirrel
38982	NC_027956	16721	african golden wolf
38953	NC_000891	17019	platypus
38871	NC_002078	16816	aardvark
38832	NC_021386	16580	long-tailed chinchilla
38811	NC_001601	16402	blue whale
38729	NC_001644	16563	bonobo
38646	NC_001321	16398	fin whale
38584	NC_000884	16801	guinea pig
38542	NC_005212	17047	cheetah
38488	NC_015200	16939	eurasian magpie
38394	NC_018804	16773	saffron-cowled blackbird
38383	NC_001700	17009	cat
38368	NC_018801	16775	red-winged blackbird
38327	NC_005958	16016	alligator lizard
38255	NC_027241	16893	goulds sunbird
38094	NC_001645	16364	gorilla
38068	NC_002083	16499	orangutan
38007	NC_020669	17112	striped hyena
37955	NC_033973	16817	terek sandpiper
37925	NC_011196	16738	greylag goose
37915	NC_026082	17952	besra
37891	NC_024268	17937	silver-throated bushtit
37830	NC_036493	17325	Santa Barbara tree frog
37785	NC_002783	16749	rhea
37759	NC_001602	16797	grey seal
37744	NC_010638	16773	snow leopard
37589	NC_025222	16560	tonkean macaque
37491	NC_029146	17821	silveryeye
37364	NC_032058	17827	abyssinian white-eye
37311	NC_011137	16565	neanderthal
37263	NC_012920	16569	human
37087	NC_025923	20350	Eurasian bittern
37073	NC_029846	17370	lesser kestrel
36675	NC_020591	16673	hazel grouse
36659	NC_035150	18974	cat gecko
36561	NC_000845	16613	wild boar
36420	NC_018033	16683	blood pheasant
36200	NC_025594	16802	long-tailed rosefinch

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36195	NC_027847	17962	grey parrot
33163	NC_014175	16544	peninsular horned tree lizard
32872	NC_032084	17165	grey burrowing snake
21754	NC_023248	29999	anamorphic fungus
20906	NC_023955	15782	freshwater pearl mussel
20534	NC_026104	15804	stonefly
19873	NC_013272	16518	brown marmorated stink bug
19725	NC_015342	15647	kudzu beetle
19610	NC_029168	15326	acasta sulcata
19541	NC_030265	15534	european mantis
19512	NC_008221	15774	asian longhorned beetle
19480	NC_031858	16310	pacific star shell
19475	NC_035677	16130	bean weevil
19378	NC_034122	14913	congo termite
19297	NC_033906	15872	Sinopodisma wulingshanensis
19269	NC_014887	15599	chinese grasshopper
19137	NC_015119	16803	snow scorpionfly
18929	NC_022827	18479	staghorn coral
18819	NC_029498	15281	yellow-banded acraea
18771	NC_026914	14948	water flea
18608	NC_029510	15258	dancing acraea
18577	NC_014295	15895	eastern honey bee
18531	NC_016419	15140	east palearctic butterfly
17458	NC_000894	20992	leishmania
16680	NC_008161	14853	stony coral
16650	NC_027943	16270	peruvian scallop
16421	NC_021933	15282	millipede
14057	NC_016198	14281	giant roundworm
13607	NC_019571	13913	cat lungworm
13065	NC_016197	13724	filarial nematode
12833	NC_001722	10359	hiv-2 (virus)
5656	NC_007233	5990	monkey malaria parasite
5203	NC_035130	6363	australian mosquito
4323	NC_001499	5894	abelson (virus)
-5455	NC_016577	2633	AbMV (virus)
-9237	NC_020099	1670	copepod