

**NC.011180 — flat needlefish (16825 bp)**  
LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
9481	NC_009064	16703	indo-pacific sergeant
9264	NC_024853	16509	moonlighter fish
9104	NC_011943	16502	starry triggerfish
8855	NC_009830	16434	powderblue surgeonfish
8853	NC_027857	16551	bandit angelfish
8703	NC_020346	17098	greenspot goby
8601	NC_004380	16479	goosefish
8578	NC_003190	16715	john dory
8544	NC_031807	16581	common carp
8532	NC_011947	16441	spiny tailed leatherjacket
8500	NC_004390	16508	tapetail
8491	NC_030247	16603	labeonin
8458	NC_020336	16525	tiger tail seahorse
8338	NC_008668	16778	ray-finned fish
8330	NC_028290	16565	atlantic sturgeon
8262	NC_036391	16513	yellow bullhead
8079	NC_010570	16433	pirarucu
8057	NC_023520	16773	sand tiger shark
7999	NC_022415	16744	white shark
7054	NC_005797	16369	axolotl
7038	NC_006887	16375	tiger salamander
7013	NC_028510	17271	austrolebias
6935	NC_024820	16433	giraffe
6930	NC_006928	16408	brydes whale
6825	NC_028018	16653	white char
6757	NC_023889	16386	killer whale
6751	NC_020648	16538	striped skunk
6738	NC_001788	16670	wild ass
6724	NC_026308	17298	baja california brush lizard
6721	NC_003322	16996	common wombat
6687	NC_009692	16431	sea otter
6671	NC_002369	16507	red squirrel
6663	NC_008092	16729	gray wolf 1
6655	NC_009686	16757	gray wolf 2
6645	NC_027956	16721	african golden wolf
6633	NC_016428	16263	striped field mouse
6632	NC_002008	16727	dog
6631	NC_035817	16490	finlaysons squirrel
6618	NC_024052	16965	diana tarsier
6605	NC_002078	16816	aardvark

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6593	NC_022429	16637	spectral bat
6580	NC_027932	16232	harvest mouse
6534	NC_001644	16563	bonobo
6524	NC_021386	16580	long-tailed chinchilla
6508	NC_000884	16801	guinea pig
6504	NC_000891	17019	platypus
6498	NC_001610	17084	virginia opossum
6432	NC_008410	17277	asiatic toad
6385	NC_005958	16016	alligator lizard
6366	NC_001645	16364	gorilla
6332	NC_002083	16499	orangutan
6312	NC_025222	16560	tonkean macaque
6174	NC_001601	16402	blue whale
6161	NC_015200	16939	eurasian magpie
6150	NC_018801	16775	red-winged blackbird
6119	NC_001321	16398	fin whale
6115	NC_018804	16773	saffron-cowled blackbird
6085	NC_020669	17112	striped hyena
6083	NC_027241	16893	goulds sunbird
6068	NC_005212	17047	cheetah
6056	NC_033973	16817	terek sandpiper
6041	NC_036493	17325	Santa Barbara tree frog
6004	NC_001700	17009	cat
6003	NC_002783	16749	rhea
5991	NC_011196	16738	greylag goose
5901	NC_010638	16773	snow leopard
5900	NC_024268	17937	silver-throated bushtit
5867	NC_026082	17952	besra
5846	NC_029146	17821	silveryeye
5829	NC_011137	16565	neanderthal
5818	NC_012920	16569	human
5765	NC_032058	17827	abyssinian white-eye
5736	NC_001602	16797	grey seal
5704	NC_029846	17370	lesser kestrel
5207	NC_020591	16673	hazel grouse
5126	NC_018033	16683	blood pheasant
5110	NC_025594	16802	long-tailed rosefinch
5092	NC_027847	17962	grey parrot
5085	NC_000845	16613	wild boar
5033	NC_014175	16544	peninsular horned tree lizard

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4793	NC_035150	18974	cat gecko
4612	NC_032084	17165	grey burrowing snake
4405	NC_025923	20350	Eurasian bittern
1766	NC_023955	15782	freshwater pearl mussel
1629	NC_026104	15804	stonefly
1451	NC_015342	15647	kudzu beetle
1432	NC_013272	16518	brown marmorated stink bug
1397	NC_034122	14913	congo termite
1393	NC_029168	15326	acasta sulcata
1388	NC_008221	15774	asian longhorned beetle
1383	NC_033906	15872	Sinopodisma wulingshanensis
1383	NC_030265	15534	european mantis
1381	NC_014887	15599	chinese grasshopper
1350	NC_035677	16130	bean weevil
1305	NC_031858	16310	pacific star shell
1223	NC_015119	16803	snow scorpionfly
1185	NC_014295	15895	eastern honey bee
1180	NC_026914	14948	water flea
1174	NC_029498	15281	yellow-banded acraea
1152	NC_029510	15258	dancing acraea
1097	NC_016419	15140	east palearctic butterfly
640	NC_022827	18479	staghorn coral
538	NC_008161	14853	stony coral
432	NC_021933	15282	millipede
409	NC_027943	16270	peruvian scallop
-48	NC_016198	14281	giant roundworm
-208	NC_019571	13913	cat lungworm
-242	NC_000894	20992	leishmania
-478	NC_016197	13724	filarial nematode
-1202	NC_001722	10359	hiv-2 (virus)
-2946	NC_023248	29999	anamorphic fungus
-5333	NC_035130	6363	australian mosquito
-5497	NC_007233	5990	monkey malaria parasite
-5935	NC_001499	5894	abelson (virus)
-11559	NC_016577	2633	AbMV (virus)
-13485	NC_020099	1670	copepod