

NC_036391 — yellow bullhead (16513 bp)

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

score	NC	bp	common name
50279	NC_031807	16581	common carp
49827	NC_030247	16603	labeonin
48369	NC_008668	16778	ray-finned fish
48007	NC_028290	16565	atlantic sturgeon
47474	NC_009064	16703	indo-pacific sergeant
47250	NC_011943	16502	starry triggerfish
47234	NC_024853	16509	moonlighter fish
46661	NC_009830	16434	powderblue surgeonfish
46644	NC_003190	16715	john dory
46231	NC_020346	17098	greenspot goby
46017	NC_027857	16551	bandit angelfish
45956	NC_004390	16508	tapetail
45840	NC_011180	16825	flat needlefish
45576	NC_004380	16479	goosefish
45507	NC_011947	16441	spiny tailed leatherjacket
45324	NC_028018	16653	white char
45198	NC_020336	16525	tiger tail seahorse
44975	NC_010570	16433	pirarucu
43758	NC_022415	16744	white shark
43731	NC_023520	16773	sand tiger shark
39959	NC_026308	17298	baja california brush lizard
39767	NC_005797	16369	axolotl
39710	NC_006887	16375	tiger salamander
39257	NC_003322	16996	common wombat
39202	NC_006928	16408	brydes whale
39164	NC_028510	17271	austrolebias
39133	NC_001788	16670	wild ass
39007	NC_024820	16433	giraffe
38941	NC_008410	17277	asiatic toad
38822	NC_009692	16431	sea otter
38662	NC_002078	16816	aardvark
38558	NC_020648	16538	striped skunk
38486	NC_016428	16263	striped field mouse
38462	NC_022429	16637	spectral bat
38460	NC_035817	16490	finlaysons squirrel
38370	NC_024052	16965	diana tarsier
38330	NC_008092	16729	gray wolf 1
38330	NC_005958	16016	alligator lizard
38315	NC_009686	16757	gray wolf 2
38303	NC_002369	16507	red squirrel

score	NC	bp	common name
38281	NC_001644	16563	bonobo
38279	NC_002008	16727	dog
38243	NC_023889	16386	killer whale
38112	NC_021386	16580	long-tailed chinchilla
38108	NC_027956	16721	african golden wolf
38101	NC_001601	16402	blue whale
38070	NC_020669	17112	striped hyena
38013	NC_000884	16801	guinea pig
37962	NC_001610	17084	virginia opossum
37953	NC_000891	17019	platypus
37920	NC_005212	17047	cheetah
37889	NC_027932	16232	harvest mouse
37876	NC_001645	16364	gorilla
37838	NC_015200	16939	eurasian magpie
37681	NC_018804	16773	saffron-cowled blackbird
37656	NC_001321	16398	fin whale
37643	NC_026082	17952	besra
37553	NC_036493	17325	Santa Barbara tree frog
37550	NC_001700	17009	cat
37544	NC_001602	16797	grey seal
37518	NC_027241	16893	goulds sunbird
37496	NC_018801	16775	red-winged blackbird
37460	NC_033973	16817	terek sandpiper
37452	NC_002783	16749	rhea
37415	NC_002083	16499	orangutan
37414	NC_010638	16773	snow leopard
37298	NC_029146	17821	silvereve
37245	NC_032058	17827	abyssinian white-eye
37234	NC_024268	17937	silver-throated bushtit
37181	NC_011196	16738	greylag goose
37149	NC_012920	16569	human
37089	NC_025222	16560	tonkean macaque
37009	NC_029846	17370	lesser kestrel
36968	NC_011137	16565	neanderthal
36672	NC_025923	20350	Eurasian bittern
36637	NC_018033	16683	blood pheasant
36220	NC_027847	17962	grey parrot
36077	NC_000845	16613	wild boar
36046	NC_020591	16673	hazel grouse
35848	NC_025594	16802	long-tailed rosefinch

score	NC	bp	common name
34336	NC_035150	18974	cat gecko
33072	NC_032084	17165	grey burrowing snake
32504	NC_014175	16544	peninsular horned tree lizard
20360	NC_023955	15782	freshwater pearl mussel
20298	NC_023248	29999	anamorphic fungus
20129	NC_026104	15804	stonefly
19270	NC_015342	15647	kudzu beetle
18912	NC_013272	16518	brown marmorated stink bug
18724	NC_031858	16310	pacific star shell
18675	NC_034122	14913	congo termite
18566	NC_029168	15326	acasta sulcata
18526	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
18487	NC_014887	15599	chinese grasshopper
18486	NC_035677	16130	bean weevil
18365	NC_030265	15534	european mantis
18299	NC_022827	18479	staghorn coral
18229	NC_008221	15774	asian longhorned beetle
18218	NC_026914	14948	water flea
18110	NC_015119	16803	snow scorpionfly
17781	NC_029498	15281	yellow-banded acraea
17630	NC_029510	15258	dancing acraea
17451	NC_016419	15140	east palearctic butterfly
17002	NC_014295	15895	eastern honey bee
16174	NC_000894	20992	leishmania
15987	NC_027943	16270	peruvian scallop
15836	NC_021933	15282	millipede
15791	NC_008161	14853	stony coral
13291	NC_016198	14281	giant roundworm
13041	NC_001722	10359	hiv-2 (virus)
12863	NC_019571	13913	cat lungworm
11978	NC_016197	13724	filarial nematode
5760	NC_007233	5990	monkey malaria parasite
5503	NC_035130	6363	australian mosquito
4588	NC_001499	5894	abelson (virus)
-5167	NC_016577	2633	AbMV (virus)
-8982	NC_020099	1670	copepod