

NC_008221 — asian longhorned beetle (15774 bp)

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

score	NC	bp	common name
48816	NC_035677	16130	bean weevil
46889	NC_015119	16803	snow scorpionfly
43751	NC_016419	15140	east palearctic butterfly
43497	NC_029498	15281	yellow-banded acraea
43110	NC_030265	15534	european mantis
42733	NC_029510	15258	dancing acraea
42708	NC_033906	15872	Sinopodisma wulingshanensis
41823	NC_014887	15599	chinese grasshopper
41069	NC_013272	16518	brown marmorated stink bug
37218	NC_014295	15895	eastern honey bee
36755	NC_015342	15647	kudzu beetle
35585	NC_026104	15804	stonefly
33868	NC_034122	14913	congo termite
33032	NC_026914	14948	water flea
30431	NC_029168	15326	acasta sulcata
27087	NC_000894	20992	leishmania
25222	NC_023248	29999	anamorphic fungus
25134	NC_035150	18974	cat gecko
24511	NC_031858	16310	pacific star shell
23481	NC_001610	17084	virginia opossum
22398	NC_006887	16375	tiger salamander
22299	NC_005797	16369	axolotl
21606	NC_000891	17019	platypus
21598	NC_028510	17271	austrolebias
21575	NC_016428	16263	striped field mouse
21494	NC_002369	16507	red squirrel
21454	NC_025923	20350	Eurasian bittern
21213	NC_020648	16538	striped skunk
21098	NC_002078	16816	aardvark
21044	NC_027932	16232	harvest mouse
21008	NC_020336	16525	tiger tail seahorse
20844	NC_024052	16965	diana tarsier
20673	NC_003322	16996	common wombat
20623	NC_023520	16773	sand tiger shark
20381	NC_000884	16801	guinea pig
20354	NC_009686	16757	gray wolf 2
20310	NC_005212	17047	cheetah
20294	NC_035817	16490	finlaysons squirrel
20287	NC_002008	16727	dog
20277	NC_008092	16729	gray wolf 1

score	NC	bp	common name
20233	NC_027956	16721	african golden wolf
20218	NC_022827	18479	staghorn coral
20080	NC_023955	15782	freshwater pearl mussel
19976	NC_030247	16603	labeonin
19974	NC_023889	16386	killer whale
19974	NC_000845	16613	wild boar
19965	NC_026308	17298	baja california brush lizard
19898	NC_024820	16433	giraffe
19866	NC_036493	17325	Santa Barbara tree frog
19833	NC_001700	17009	cat
19828	NC_022415	16744	white shark
19672	NC_010570	16433	pirarucu
19660	NC_008161	14853	stony coral
19625	NC_005958	16016	alligator lizard
19618	NC_006928	16408	brydes whale
19586	NC_021386	16580	long-tailed chinchilla
19561	NC_010638	16773	snow leopard
19512	NC_011180	16825	flat needlefish
19453	NC_001601	16402	blue whale
19443	NC_001321	16398	fin whale
19418	NC_009692	16431	sea otter
19240	NC_016198	14281	giant roundworm
19148	NC_008410	17277	asiatic toad
19113	NC_001788	16670	wild ass
19053	NC_020669	17112	striped hyena
19042	NC_003190	16715	john dory
19030	NC_008668	16778	ray-finned fish
18815	NC_001602	16797	grey seal
18682	NC_015200	16939	eurasian magpie
18653	NC_004390	16508	tapetail
18642	NC_031807	16581	common carp
18514	NC_001644	16563	bonobo
18443	NC_019571	13913	cat lungworm
18440	NC_026082	17952	besra
18377	NC_025222	16560	tonkean macaque
18329	NC_016197	13724	filarial nematode
18229	NC_036391	16513	yellow bullhead
18147	NC_032084	17165	grey burrowing snake
18090	NC_020346	17098	greenspot goby
18071	NC_029146	17821	silveryeye

score	NC	bp	common name
18060	NC_020591	16673	hazel grouse
18054	NC_024268	17937	silver-throated bushtit
18026	NC_011943	16502	starry triggerfish
18006	NC_001645	16364	gorilla
17991	NC_009830	16434	powderblue surgeonfish
17933	NC_033973	16817	terek sandpiper
17790	NC_009064	16703	indo-pacific sergeant
17715	NC_032058	17827	abyssinian white-eye
17712	NC_012920	16569	human
17691	NC_018033	16683	blood pheasant
17674	NC_011137	16565	neanderthal
17619	NC_014175	16544	peninsular horned tree lizard
17441	NC_024853	16509	moonlighter fish
17435	NC_021933	15282	millipede
17377	NC_028018	16653	white char
17310	NC_028290	16565	atlantic sturgeon
17296	NC_029846	17370	lesser kestrel
17277	NC_018801	16775	red-winged blackbird
17252	NC_022429	16637	spectral bat
17221	NC_027857	16551	bandit angelfish
17219	NC_025594	16802	long-tailed rosefinch
17164	NC_027241	16893	goulds sunbird
17031	NC_018804	16773	saffron-cowled blackbird
16991	NC_002083	16499	orangutan
16636	NC_011196	16738	greylag goose
16612	NC_002783	16749	rhea
16486	NC_027943	16270	peruvian scallop
16424	NC_027847	17962	grey parrot
16375	NC_004380	16479	goosefish
16325	NC_011947	16441	spiny tailed leatherjacket
10341	NC_001722	10359	hiv-2 (virus)
6550	NC_007233	5990	monkey malaria parasite
3424	NC_035130	6363	australian mosquito
1390	NC_001499	5894	abelson (virus)
-5024	NC_016577	2633	AbMV (virus)
-8774	NC_020099	1670	copepod