

NC_008221 — asian longhorned beetle (15774 bp)

LCS with gap/mismatch penalty of -1

score	NC	bp	common name
8918	NC_035677	16130	bean weevil
8353	NC_015119	16803	snow scorpionfly
7619	NC_029498	15281	yellow-banded acraea
7615	NC_033906	15872	Sinopodisma wulingshanensis
7613	NC_016419	15140	east palearctic butterfly
7601	NC_030265	15534	european mantis
7479	NC_029510	15258	dancing acraea
7407	NC_014887	15599	chinese grasshopper
7013	NC_013272	16518	brown marmorated stink bug
6212	NC_015342	15647	kudzu beetle
5966	NC_026104	15804	stonefly
5902	NC_014295	15895	eastern honey bee
5309	NC_034122	14913	congo termite
5110	NC_026914	14948	water flea
3622	NC_029168	15326	acasta sulcata
2410	NC_001610	17084	virginia opossum
2218	NC_031858	16310	pacific star shell
2189	NC_006887	16375	tiger salamander
2171	NC_005797	16369	axolotl
2098	NC_000894	20992	leishmania
2071	NC_016428	16263	striped field mouse
1982	NC_020648	16538	striped skunk
1981	NC_002369	16507	red squirrel
1948	NC_027932	16232	harvest mouse
1941	NC_000891	17019	platypus
1940	NC_035150	18974	cat gecko
1912	NC_020336	16525	tiger tail seahorse
1909	NC_002078	16816	aardvark
1812	NC_028510	17271	austrolebias
1763	NC_024052	16965	diana tarsier
1749	NC_003322	16996	common wombat
1738	NC_023520	16773	sand tiger shark
1723	NC_009686	16757	gray wolf 2
1722	NC_035817	16490	finlaysons squirrel
1720	NC_002008	16727	dog
1709	NC_008092	16729	gray wolf 1
1695	NC_027956	16721	african golden wolf
1687	NC_023889	16386	killer whale
1687	NC_000884	16801	guinea pig
1675	NC_024820	16433	giraffe

score	NC	bp	common name
1659	NC_005212	17047	cheetah
1656	NC_023955	15782	freshwater pearl mussel
1649	NC_000845	16613	wild boar
1589	NC_006928	16408	brydes whale
1586	NC_030247	16603	labeonin
1569	NC_005958	16016	alligator lizard
1565	NC_016198	14281	giant roundworm
1550	NC_001700	17009	cat
1537	NC_001601	16402	blue whale
1529	NC_009692	16431	sea otter
1528	NC_010570	16433	pirarucu
1516	NC_022415	16744	white shark
1514	NC_001321	16398	fin whale
1501	NC_008161	14853	stony coral
1491	NC_021386	16580	long-tailed chinchilla
1465	NC_026308	17298	baja california brush lizard
1435	NC_010638	16773	snow leopard
1428	NC_001788	16670	wild ass
1388	NC_011180	16825	flat needlefish
1380	NC_016197	13724	filarial nematode
1379	NC_036493	17325	Santa Barbara tree frog
1347	NC_019571	13913	cat lungworm
1329	NC_001602	16797	grey seal
1319	NC_020669	17112	striped hyena
1309	NC_015200	16939	eurasian magpie
1252	NC_008410	17277	asiatic toad
1246	NC_031807	16581	common carp
1219	NC_008668	16778	ray-finned fish
1212	NC_001644	16563	bonobo
1210	NC_025222	16560	tonkean macaque
1191	NC_004390	16508	tapetail
1190	NC_003190	16715	john dory
1149	NC_001645	16364	gorilla
1101	NC_009830	16434	powderblue surgeonfish
1095	NC_020591	16673	hazel grouse
1085	NC_033973	16817	terek sandpiper
1074	NC_036391	16513	yellow bullhead
1055	NC_025923	20350	Eurasian bittern
1045	NC_011943	16502	starry triggerfish
1024	NC_022827	18479	staghorn coral

score	NC	bp	common name
1009	NC_012920	16569	human
1007	NC_018033	16683	blood pheasant
1004	NC_021933	15282	millipede
998	NC_032084	17165	grey burrowing snake
991	NC_011137	16565	neanderthal
989	NC_014175	16544	peninsular horned tree lizard
970	NC_026082	17952	besra
965	NC_020346	17098	greenspot goby
947	NC_029146	17821	silveryeye
936	NC_018801	16775	red-winged blackbird
932	NC_009064	16703	indo-pacific sergeant
911	NC_022429	16637	spectral bat
890	NC_024853	16509	moonlighter fish
882	NC_028290	16565	atlantic sturgeon
873	NC_025594	16802	long-tailed rosefinch
871	NC_027241	16893	goulds sunbird
868	NC_024268	17937	silver-throated bushtit
865	NC_018804	16773	saffron-cowled blackbird
851	NC_027857	16551	bandit angelfish
831	NC_028018	16653	white char
824	NC_002083	16499	orangutan
812	NC_032058	17827	abyssinian white-eye
742	NC_002783	16749	rhea
729	NC_029846	17370	lesser kestrel
714	NC_011196	16738	greylag goose
627	NC_027943	16270	peruvian scallop
601	NC_011947	16441	spiny tailed leatherjacket
576	NC_004380	16479	goosefish
447	NC_027847	17962	grey parrot
-1472	NC_001722	10359	hiv-2 (virus)
-2396	NC_023248	29999	anamorphic fungus
-4799	NC_007233	5990	monkey malaria parasite
-5349	NC_035130	6363	australian mosquito
-6184	NC_001499	5894	abelson (virus)
-10518	NC_016577	2633	AbMV (virus)
-12434	NC_020099	1670	copepod