

NC_015342 — kudzu beetle (15647 bp)

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

score	NC	bp	common name
44145	NC_013272	16518	brown marmorated stink bug
38333	NC_014887	15599	chinese grasshopper
38185	NC_033906	15872	Sinopodisma wulingshanensis
37059	NC_015119	16803	snow scorpionfly
36755	NC_008221	15774	asian longhorned beetle
36432	NC_030265	15534	european mantis
36167	NC_035677	16130	bean weevil
35709	NC_029510	15258	dancing acraea
35281	NC_029498	15281	yellow-banded acraea
34992	NC_016419	15140	east palearctic butterfly
34908	NC_034122	14913	congo termite
34404	NC_026104	15804	stonefly
31044	NC_014295	15895	eastern honey bee
30126	NC_026914	14948	water flea
26455	NC_029168	15326	acasta sulcata
23960	NC_035150	18974	cat gecko
22943	NC_023248	29999	anamorphic fungus
22770	NC_000894	20992	leishmania
22535	NC_001610	17084	virginia opossum
22462	NC_025923	20350	Eurasian bittern
22109	NC_031858	16310	pacific star shell
21680	NC_020648	16538	striped skunk
21675	NC_006887	16375	tiger salamander
21632	NC_005797	16369	axolotl
21481	NC_002078	16816	aardvark
21433	NC_016428	16263	striped field mouse
21348	NC_003322	16996	common wombat
21260	NC_024052	16965	diana tarsier
21197	NC_002369	16507	red squirrel
21177	NC_026308	17298	baja california brush lizard
21165	NC_027932	16232	harvest mouse
21146	NC_020336	16525	tiger tail seahorse
21138	NC_005212	17047	cheetah
21072	NC_000845	16613	wild boar
20991	NC_000891	17019	platypus
20963	NC_024820	16433	giraffe
20952	NC_023955	15782	freshwater pearl mussel
20927	NC_026082	17952	besra
20879	NC_001700	17009	cat
20842	NC_009686	16757	gray wolf 2

score	NC	bp	common name
20782	NC_008092	16729	gray wolf 1
20761	NC_002008	16727	dog
20752	NC_023520	16773	sand tiger shark
20734	NC_023889	16386	killer whale
20705	NC_001601	16402	blue whale
20694	NC_000884	16801	guinea pig
20682	NC_035817	16490	finlaysons squirrel
20659	NC_006928	16408	brydes whale
20654	NC_027956	16721	african golden wolf
20584	NC_030247	16603	labeonin
20556	NC_010638	16773	snow leopard
20556	NC_005958	16016	alligator lizard
20521	NC_001321	16398	fin whale
20509	NC_021386	16580	long-tailed chinchilla
20398	NC_009692	16431	sea otter
20392	NC_001602	16797	grey seal
20374	NC_029146	17821	silvereye
20285	NC_020669	17112	striped hyena
20274	NC_024268	17937	silver-throated bushtit
20271	NC_028510	17271	austrolebias
20221	NC_022415	16744	white shark
20191	NC_001788	16670	wild ass
20167	NC_010570	16433	pirarucu
20066	NC_032058	17827	abyssinian white-eye
20010	NC_015200	16939	eurasian magpie
19950	NC_025222	16560	tonkean macaque
19943	NC_029846	17370	lesser kestrel
19925	NC_031807	16581	common carp
19875	NC_036493	17325	Santa Barbara tree frog
19725	NC_011180	16825	flat needlefish
19720	NC_001644	16563	bonobo
19664	NC_008410	17277	asiatic toad
19635	NC_032084	17165	grey burrowing snake
19576	NC_008668	16778	ray-finned fish
19574	NC_003190	16715	john dory
19513	NC_014175	16544	peninsular horned tree lizard
19336	NC_001645	16364	gorilla
19318	NC_033973	16817	terek sandpiper
19281	NC_027241	16893	goulds sunbird
19281	NC_018033	16683	blood pheasant

score	NC	bp	common name
19270	NC_036391	16513	yellow bullhead
19201	NC_020591	16673	hazel grouse
19172	NC_012920	16569	human
19169	NC_011943	16502	starry triggerfish
19158	NC_018801	16775	red-winged blackbird
19119	NC_011137	16565	neanderthal
19114	NC_025594	16802	long-tailed rosefinch
19085	NC_022429	16637	spectral bat
19084	NC_020346	17098	greenspot goby
19061	NC_004390	16508	tapetail
18915	NC_011196	16738	greylag goose
18910	NC_009064	16703	indo-pacific sergeant
18896	NC_018804	16773	saffron-cowled blackbird
18853	NC_009830	16434	powderblue surgeonfish
18834	NC_028290	16565	atlantic sturgeon
18766	NC_002083	16499	orangutan
18604	NC_027857	16551	bandit angelfish
18517	NC_027847	17962	grey parrot
18499	NC_024853	16509	moonlighter fish
18472	NC_028018	16653	white char
18232	NC_002783	16749	rhea
17937	NC_022827	18479	staghorn coral
17868	NC_004380	16479	goosefish
17587	NC_011947	16441	spiny tailed leatherjacket
16317	NC_008161	14853	stony coral
14870	NC_027943	16270	peruvian scallop
14564	NC_016198	14281	giant roundworm
14069	NC_021933	15282	millipede
13812	NC_019571	13913	cat lungworm
12989	NC_016197	13724	filarial nematode
12778	NC_001722	10359	hiv-2 (virus)
6556	NC_007233	5990	monkey malaria parasite
4910	NC_035130	6363	australian mosquito
3304	NC_001499	5894	abelson (virus)
-4693	NC_016577	2633	AbMV (virus)
-8361	NC_020099	1670	copepod