

NC.011137 — neanderthal (16565 bp)

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

score	NC	bp	common name
80950	NC_012920	16569	human
66700	NC_001644	16563	bonobo
63459	NC_001645	16364	gorilla
58876	NC_002083	16499	orangutan
51078	NC_025222	16560	tonkean macaque
46159	NC_001601	16402	blue whale
45971	NC_005212	17047	cheetah
45820	NC_001700	17009	cat
45784	NC_001321	16398	fin whale
45752	NC_020669	17112	striped hyena
45511	NC_001602	16797	grey seal
45414	NC_010638	16773	snow leopard
45333	NC_001788	16670	wild ass
44826	NC_000845	16613	wild boar
44641	NC_006928	16408	brydes whale
44261	NC_024820	16433	giraffe
44134	NC_024052	16965	diana tarsier
44012	NC_035817	16490	finlaysons squirrel
43744	NC_023889	16386	killer whale
43742	NC_022429	16637	spectral bat
43491	NC_009692	16431	sea otter
43420	NC_002369	16507	red squirrel
43413	NC_021386	16580	long-tailed chinchilla
43189	NC_009686	16757	gray wolf 2
43183	NC_008092	16729	gray wolf 1
43173	NC_020648	16538	striped skunk
43124	NC_002078	16816	aardvark
43106	NC_002008	16727	dog
42800	NC_027956	16721	african golden wolf
42013	NC_027932	16232	harvest mouse
41871	NC_016428	16263	striped field mouse
41303	NC_000884	16801	guinea pig
41211	NC_003322	16996	common wombat
38488	NC_000891	17019	platypus
38296	NC_001610	17084	virginia opossum
38153	NC_028290	16565	atlantic sturgeon
37792	NC_031807	16581	common carp
37781	NC_009064	16703	indo-pacific sergeant
37701	NC_025594	16802	long-tailed rosefinch
37680	NC_022415	16744	white shark

score	NC	bp	common name
37633	NC_023520	16773	sand tiger shark
37555	NC_027857	16551	bandit angelfish
37488	NC_011943	16502	starry triggerfish
37317	NC_009830	16434	powderblue surgeonfish
37311	NC_011180	16825	flat needlefish
37236	NC_018033	16683	blood pheasant
37205	NC_027847	17962	grey parrot
37201	NC_010570	16433	pirarucu
37172	NC_030247	16603	labeonin
37116	NC_020346	17098	greenspot goby
36968	NC_036391	16513	yellow bullhead
36955	NC_026308	17298	baja california brush lizard
36892	NC_005958	16016	alligator lizard
36859	NC_028018	16653	white char
36850	NC_020591	16673	hazel grouse
36830	NC_024853	16509	moonlighter fish
36586	NC_004380	16479	goosefish
36481	NC_008668	16778	ray-finned fish
36423	NC_015200	16939	eurasian magpie
36415	NC_003190	16715	john dory
36383	NC_018804	16773	saffron-cowled blackbird
36171	NC_020336	16525	tiger tail seahorse
36142	NC_026082	17952	besra
36136	NC_018801	16775	red-winged blackbird
36125	NC_027241	16893	goulds sunbird
36066	NC_029846	17370	lesser kestrel
36030	NC_024268	17937	silver-throated bushtit
35976	NC_002783	16749	rhea
35884	NC_029146	17821	silvereve
35874	NC_011947	16441	spiny tailed leatherjacket
35769	NC_004390	16508	tapetail
35712	NC_011196	16738	greylag goose
35579	NC_032058	17827	abyssinian white-eye
35384	NC_008410	17277	asiatic toad
35270	NC_025923	20350	Eurasian bittern
35139	NC_005797	16369	axolotl
35123	NC_033973	16817	terek sandpiper
34954	NC_006887	16375	tiger salamander
34456	NC_036493	17325	Santa Barbara tree frog
32782	NC_028510	17271	austrolebias

score	NC	bp	common name
32409	NC_032084	17165	grey burrowing snake
32108	NC_014175	16544	peninsular horned tree lizard
31285	NC_035150	18974	cat gecko
20794	NC_023955	15782	freshwater pearl mussel
20253	NC_023248	29999	anamorphic fungus
20224	NC_026104	15804	stonefly
19246	NC_034122	14913	congo termite
19119	NC_015342	15647	kudzu beetle
18577	NC_013272	16518	brown marmorated stink bug
18392	NC_014887	15599	chinese grasshopper
18354	NC_031858	16310	pacific star shell
18158	NC_029168	15326	acasta sulcata
18157	NC_033906	15872	Sinopodisma wulingshanensis
18114	NC_030265	15534	european mantis
17993	NC_035677	16130	bean weevil
17792	NC_026914	14948	water flea
17674	NC_008221	15774	asian longhorned beetle
17391	NC_015119	16803	snow scorpionfly
16944	NC_029510	15258	dancing acraea
16914	NC_029498	15281	yellow-banded acraea
16637	NC_014295	15895	eastern honey bee
16624	NC_022827	18479	staghorn coral
16594	NC_016419	15140	east palearctic butterfly
15717	NC_000894	20992	leishmania
14467	NC_027943	16270	peruvian scallop
14118	NC_008161	14853	stony coral
13038	NC_021933	15282	millipede
12672	NC_001722	10359	hiv-2 (virus)
11242	NC_016198	14281	giant roundworm
10701	NC_019571	13913	cat lungworm
9738	NC_016197	13724	filarial nematode
5139	NC_007233	5990	monkey malaria parasite
4886	NC_035130	6363	australian mosquito
4219	NC_001499	5894	abelson (virus)
-5440	NC_016577	2633	AbMV (virus)
-9014	NC_020099	1670	copepod