

NC_012920 — human (16569 bp)

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

score	NC	bp	common name
80950	NC_011137	16565	neanderthal
66611	NC_001644	16563	bonobo
63410	NC_001645	16364	gorilla
58795	NC_002083	16499	orangutan
51136	NC_025222	16560	tonkean macaque
46242	NC_001601	16402	blue whale
45887	NC_020669	17112	striped hyena
45860	NC_005212	17047	cheetah
45842	NC_001321	16398	fin whale
45795	NC_001700	17009	cat
45531	NC_001602	16797	grey seal
45401	NC_001788	16670	wild ass
45399	NC_010638	16773	snow leopard
44843	NC_000845	16613	wild boar
44718	NC_006928	16408	brydes whale
44282	NC_024820	16433	giraffe
44260	NC_024052	16965	diana tarsier
43987	NC_035817	16490	finlaysons squirrel
43872	NC_022429	16637	spectral bat
43804	NC_023889	16386	killer whale
43578	NC_009692	16431	sea otter
43484	NC_002369	16507	red squirrel
43326	NC_021386	16580	long-tailed chinchilla
43249	NC_020648	16538	striped skunk
43194	NC_002078	16816	aardvark
43161	NC_009686	16757	gray wolf 2
43151	NC_008092	16729	gray wolf 1
43064	NC_002008	16727	dog
42779	NC_027956	16721	african golden wolf
42109	NC_027932	16232	harvest mouse
41868	NC_016428	16263	striped field mouse
41228	NC_003322	16996	common wombat
41190	NC_000884	16801	guinea pig
38524	NC_000891	17019	platypus
38355	NC_001610	17084	virginia opossum
38084	NC_028290	16565	atlantic sturgeon
37796	NC_031807	16581	common carp
37767	NC_022415	16744	white shark
37743	NC_009064	16703	indo-pacific sergeant
37738	NC_025594	16802	long-tailed rosefinch

score	NC	bp	common name
37616	NC_023520	16773	sand tiger shark
37491	NC_027857	16551	bandit angelfish
37370	NC_011943	16502	starry triggerfish
37327	NC_009830	16434	powderblue surgeonfish
37309	NC_018033	16683	blood pheasant
37307	NC_027847	17962	grey parrot
37263	NC_011180	16825	flat needlefish
37168	NC_020346	17098	greenspot goby
37168	NC_010570	16433	pirarucu
37149	NC_036391	16513	yellow bullhead
37093	NC_030247	16603	labeonin
37006	NC_026308	17298	baja california brush lizard
36931	NC_020591	16673	hazel grouse
36810	NC_005958	16016	alligator lizard
36783	NC_028018	16653	white char
36762	NC_024853	16509	moonlighter fish
36547	NC_004380	16479	goosefish
36461	NC_008668	16778	ray-finned fish
36412	NC_003190	16715	john dory
36365	NC_015200	16939	eurasian magpie
36322	NC_018804	16773	saffron-cowled blackbird
36211	NC_026082	17952	besra
36174	NC_018801	16775	red-winged blackbird
36150	NC_020336	16525	tiger tail seahorse
36120	NC_029846	17370	lesser kestrel
36120	NC_024268	17937	silver-throated bushtit
36063	NC_002783	16749	rhea
36041	NC_027241	16893	goulds sunbird
35921	NC_011947	16441	spiny tailed leatherjacket
35883	NC_029146	17821	silveryeye
35793	NC_011196	16738	greylag goose
35696	NC_032058	17827	abyssinian white-eye
35638	NC_004390	16508	tapetail
35383	NC_008410	17277	asiatic toad
35356	NC_025923	20350	Eurasian bittern
35171	NC_005797	16369	axolotl
35127	NC_033973	16817	terek sandpiper
34978	NC_006887	16375	tiger salamander
34372	NC_036493	17325	Santa Barbara tree frog
32847	NC_028510	17271	austrolebias

score	NC	bp	common name
32484	NC_032084	17165	grey burrowing snake
32239	NC_014175	16544	peninsular horned tree lizard
31192	NC_035150	18974	cat gecko
20832	NC_023955	15782	freshwater pearl mussel
20227	NC_023248	29999	anamorphic fungus
20167	NC_026104	15804	stonefly
19300	NC_034122	14913	congo termite
19172	NC_015342	15647	kudzu beetle
18625	NC_013272	16518	brown marmorated stink bug
18436	NC_031858	16310	pacific star shell
18324	NC_014887	15599	chinese grasshopper
18175	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
18147	NC_029168	15326	<i>acasta sulcata</i>
18111	NC_030265	15534	european mantis
18068	NC_035677	16130	bean weevil
17875	NC_026914	14948	water flea
17712	NC_008221	15774	asian longhorned beetle
17432	NC_015119	16803	snow scorpionfly
16982	NC_029510	15258	dancing acraea
16981	NC_029498	15281	yellow-banded acraea
16714	NC_014295	15895	eastern honey bee
16642	NC_016419	15140	east palearctic butterfly
16617	NC_022827	18479	staghorn coral
15714	NC_000894	20992	leishmania
14386	NC_027943	16270	peruvian scallop
14070	NC_008161	14853	stony coral
12962	NC_021933	15282	millipede
12695	NC_001722	10359	hiv-2 (virus)
11203	NC_016198	14281	giant roundworm
10656	NC_019571	13913	cat lungworm
9673	NC_016197	13724	filarial nematode
5110	NC_007233	5990	monkey malaria parasite
4873	NC_035130	6363	australian mosquito
4208	NC_001499	5894	abelson (virus)
-5420	NC_016577	2633	AbMV (virus)
-9006	NC_020099	1670	copepod