

NC_016198 — giant roundworm (14281 bp)

LCS with gap/mismatch penalty of -1

score	NC	bp	common name
6657	NC_019571	13913	cat lungworm
3293	NC_016197	13724	filarial nematode
2470	NC_021933	15282	millipede
2191	NC_008161	14853	stony coral
2026	NC_029168	15326	acasta sulcata
1850	NC_027943	16270	peruvian scallop
1815	NC_016419	15140	east palearctic butterfly
1797	NC_014295	15895	eastern honey bee
1713	NC_029498	15281	yellow-banded acraea
1698	NC_029510	15258	dancing acraea
1641	NC_031858	16310	pacific star shell
1624	NC_015119	16803	snow scorpionfly
1565	NC_008221	15774	asian longhorned beetle
1540	NC_030265	15534	european mantis
1359	NC_026914	14948	water flea
1317	NC_035677	16130	bean weevil
1223	NC_022827	18479	staghorn coral
1071	NC_033906	15872	Sinopodisma wulingshanensis
930	NC_013272	16518	brown marmorated stink bug
879	NC_028510	17271	austrolebias
846	NC_006887	16375	tiger salamander
812	NC_014887	15599	chinese grasshopper
773	NC_005797	16369	axolotl
544	NC_001610	17084	virginia opossum
513	NC_002369	16507	red squirrel
483	NC_000891	17019	platypus
426	NC_016428	16263	striped field mouse
425	NC_020336	16525	tiger tail seahorse
347	NC_015342	15647	kudzu beetle
337	NC_026104	15804	stonefly
323	NC_020648	16538	striped skunk
259	NC_027932	16232	harvest mouse
234	NC_027956	16721	african golden wolf
226	NC_035817	16490	finlaysons squirrel
205	NC_000884	16801	guinea pig
194	NC_002008	16727	dog
192	NC_008092	16729	gray wolf 1
186	NC_036493	17325	Santa Barbara tree frog
183	NC_009686	16757	gray wolf 2
179	NC_004390	16508	tapetail

score	NC	bp	common name
141	NC_002078	16816	aardvark
74	NC_035150	18974	cat gecko
66	NC_023520	16773	sand tiger shark
63	NC_000894	20992	leishmania
60	NC_010570	16433	pirarucu
43	NC_022415	16744	white shark
25	NC_030247	16603	labeonin
16	NC_024052	16965	diana tarsier
-35	NC_005212	17047	cheetah
-38	NC_010638	16773	snow leopard
-48	NC_011180	16825	flat needlefish
-66	NC_008410	17277	asiatic toad
-72	NC_003190	16715	john dory
-80	NC_023889	16386	killer whale
-104	NC_001700	17009	cat
-109	NC_024820	16433	giraffe
-148	NC_008668	16778	ray-finned fish
-150	NC_001321	16398	fin whale
-157	NC_005958	16016	alligator lizard
-171	NC_009692	16431	sea otter
-180	NC_001601	16402	blue whale
-192	NC_006928	16408	brydes whale
-199	NC_036391	16513	yellow bullhead
-199	NC_009830	16434	powderblue surgeonfish
-227	NC_024853	16509	moonlighter fish
-233	NC_034122	14913	congo termite
-247	NC_028018	16653	white char
-279	NC_003322	16996	common wombat
-306	NC_011947	16441	spiny tailed leatherjacket
-314	NC_000845	16613	wild boar
-339	NC_027857	16551	bandit angelfish
-344	NC_011943	16502	starry triggerfish
-345	NC_001602	16797	grey seal
-401	NC_021386	16580	long-tailed chinchilla
-413	NC_031807	16581	common carp
-444	NC_020669	17112	striped hyena
-444	NC_015200	16939	eurasian magpie
-451	NC_009064	16703	indo-pacific sergeant
-458	NC_020346	17098	greenspot goby
-480	NC_023955	15782	freshwater pearl mussel

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-483	NC_001788	16670	wild ass
-536	NC_026308	17298	baja california brush lizard
-540	NC_004380	16479	goosefish
-545	NC_020591	16673	hazel grouse
-581	NC_028290	16565	atlantic sturgeon
-605	NC_033973	16817	terek sandpiper
-633	NC_001645	16364	gorilla
-639	NC_001644	16563	bonobo
-695	NC_011137	16565	neanderthal
-701	NC_025222	16560	tonkean macaque
-732	NC_012920	16569	human
-780	NC_018033	16683	blood pheasant
-798	NC_022429	16637	spectral bat
-834	NC_002783	16749	rhea
-849	NC_025594	16802	long-tailed rosefinch
-872	NC_018801	16775	red-winged blackbird
-884	NC_032084	17165	grey burrowing snake
-890	NC_024268	17937	silver-throated bushtit
-916	NC_029146	17821	silveryeye
-946	NC_018804	16773	saffron-cowled blackbird
-973	NC_032058	17827	abyssinian white-eye
-993	NC_002083	16499	orangutan
-1007	NC_011196	16738	greylag goose
-1036	NC_027241	16893	goulds sunbird
-1046	NC_014175	16544	peninsular horned tree lizard
-1095	NC_026082	17952	besra
-1221	NC_001722	10359	hiv-2 (virus)
-1352	NC_027847	17962	grey parrot
-1369	NC_029846	17370	lesser kestrel
-1697	NC_025923	20350	Eurasian bittern
-3822	NC_007233	5990	monkey malaria parasite
-3880	NC_035130	6363	australian mosquito
-4573	NC_023248	29999	anamorphic fungus
-4938	NC_001499	5894	abelson (virus)
-9035	NC_016577	2633	AbMV (virus)
-10941	NC_020099	1670	copepod