

NC_020099 — copepod (1670 bp)
LCS with gap/mismatch penalty of -1

score	NC	bp	common name
-120	NC_016577	2633	AbMV (virus)
-2610	NC_001499	5894	abelson (virus)
-2774	NC_007233	5990	monkey malaria parasite
-3033	NC_035130	6363	australian mosquito
-7019	NC_001722	10359	hiv-2 (virus)
-10384	NC_016197	13724	filarial nematode
-10573	NC_019571	13913	cat lungworm
-10941	NC_016198	14281	giant roundworm
-11513	NC_008161	14853	stony coral
-11573	NC_034122	14913	congo termite
-11608	NC_026914	14948	water flea
-11800	NC_016419	15140	east palearctic butterfly
-11918	NC_029510	15258	dancing acraea
-11941	NC_029498	15281	yellow-banded acraea
-11942	NC_021933	15282	millipede
-11986	NC_029168	15326	acasta sulcata
-12194	NC_030265	15534	european mantis
-12259	NC_014887	15599	chinese grasshopper
-12307	NC_015342	15647	kudzu beetle
-12434	NC_008221	15774	asian longhorned beetle
-12442	NC_023955	15782	freshwater pearl mussel
-12464	NC_026104	15804	stonefly
-12532	NC_033906	15872	Sinopodisma wulingshanensis
-12555	NC_014295	15895	eastern honey bee
-12676	NC_005958	16016	alligator lizard
-12790	NC_035677	16130	bean weevil
-12892	NC_027932	16232	harvest mouse
-12923	NC_016428	16263	striped field mouse
-12930	NC_027943	16270	peruvian scallop
-12970	NC_031858	16310	pacific star shell
-13024	NC_001645	16364	gorilla
-13029	NC_005797	16369	axolotl
-13035	NC_006887	16375	tiger salamander
-13046	NC_023889	16386	killer whale
-13058	NC_001321	16398	fin whale
-13062	NC_001601	16402	blue whale
-13068	NC_006928	16408	brydes whale
-13091	NC_009692	16431	sea otter
-13093	NC_024820	16433	giraffe
-13093	NC_010570	16433	pirarucu

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-13094	NC_009830	16434	powderblue surgeonfish
-13101	NC_011947	16441	spiny tailed leatherjacket
-13139	NC_004380	16479	goosefish
-13150	NC_035817	16490	finlaysons squirrel
-13159	NC_002083	16499	orangutan
-13162	NC_011943	16502	starry triggerfish
-13167	NC_002369	16507	red squirrel
-13168	NC_004390	16508	tapetail
-13169	NC_024853	16509	moonlighter fish
-13173	NC_036391	16513	yellow bullhead
-13178	NC_013272	16518	brown marmorated stink bug
-13185	NC_020336	16525	tiger tail seahorse
-13198	NC_020648	16538	striped skunk
-13204	NC_014175	16544	peninsular horned tree lizard
-13211	NC_027857	16551	bandit angelfish
-13220	NC_025222	16560	tonkean macaque
-13223	NC_001644	16563	bonobo
-13225	NC_028290	16565	atlantic sturgeon
-13225	NC_011137	16565	neanderthal
-13229	NC_012920	16569	human
-13240	NC_021386	16580	long-tailed chinchilla
-13241	NC_031807	16581	common carp
-13263	NC_030247	16603	labeonin
-13273	NC_000845	16613	wild boar
-13297	NC_022429	16637	spectral bat
-13313	NC_028018	16653	white char
-13330	NC_001788	16670	wild ass
-13333	NC_020591	16673	hazel grouse
-13343	NC_018033	16683	blood pheasant
-13363	NC_009064	16703	indo-pacific sergeant
-13375	NC_003190	16715	john dory
-13381	NC_027956	16721	african golden wolf
-13387	NC_002008	16727	dog
-13389	NC_008092	16729	gray wolf 1
-13398	NC_011196	16738	greylag goose
-13404	NC_022415	16744	white shark
-13409	NC_002783	16749	rhea
-13417	NC_009686	16757	gray wolf 2
-13433	NC_023520	16773	sand tiger shark
-13433	NC_018804	16773	saffron-cowled blackbird

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-13433	NC.010638	16773	snow leopard
-13435	NC.018801	16775	red-winged blackbird
-13438	NC.008668	16778	ray-finned fish
-13457	NC.001602	16797	grey seal
-13461	NC.000884	16801	guinea pig
-13462	NC.025594	16802	long-tailed rosefinch
-13463	NC.015119	16803	snow scorpionfly
-13476	NC.002078	16816	aardvark
-13477	NC.033973	16817	terek sandpiper
-13485	NC.011180	16825	flat needlefish
-13553	NC.027241	16893	goulds sunbird
-13599	NC.015200	16939	eurasian magpie
-13625	NC.024052	16965	diana tarsier
-13656	NC.003322	16996	common wombat
-13669	NC.001700	17009	cat
-13679	NC.000891	17019	platypus
-13707	NC.005212	17047	cheetah
-13744	NC.001610	17084	virginia opossum
-13758	NC.020346	17098	greenspot goby
-13772	NC.020669	17112	striped hyena
-13825	NC.032084	17165	grey burrowing snake
-13931	NC.028510	17271	austrolebias
-13937	NC.008410	17277	asiatic toad
-13958	NC.026308	17298	baja california brush lizard
-13985	NC.036493	17325	Santa Barbara tree frog
-14030	NC.029846	17370	lesser kestrel
-14481	NC.029146	17821	silvereve
-14487	NC.032058	17827	abyssinian white-eye
-14597	NC.024268	17937	silver-throated bushtit
-14612	NC.026082	17952	besra
-14622	NC.027847	17962	grey parrot
-15139	NC.022827	18479	staghorn coral
-15634	NC.035150	18974	cat gecko
-17010	NC.025923	20350	Eurasian bittern
-17652	NC.000894	20992	leishmania
-26659	NC.023248	29999	anamorphic fungus