

NC_021933 — millipede (15282 bp)
LCS with gap/mismatch penalty of -1

score	NC	bp	common name
2470	NC_016198	14281	giant roundworm
2461	NC_019571	13913	cat lungworm
2386	NC_016197	13724	filarial nematode
1974	NC_008161	14853	stony coral
1843	NC_027943	16270	peruvian scallop
1573	NC_022827	18479	staghorn coral
1270	NC_006887	16375	tiger salamander
1243	NC_028510	17271	austrolebias
1206	NC_029168	15326	acasta sulcata
1195	NC_005797	16369	axolotl
1126	NC_016419	15140	east palearctic butterfly
1052	NC_029498	15281	yellow-banded acraea
1051	NC_026914	14948	water flea
1049	NC_014295	15895	eastern honey bee
1021	NC_029510	15258	dancing acraea
1013	NC_031858	16310	pacific star shell
1004	NC_008221	15774	asian longhorned beetle
970	NC_030265	15534	european mantis
955	NC_015119	16803	snow scorpionfly
932	NC_002369	16507	red squirrel
887	NC_020336	16525	tiger tail seahorse
854	NC_016428	16263	striped field mouse
844	NC_001610	17084	virginia opossum
780	NC_004390	16508	tapetail
768	NC_035677	16130	bean weevil
733	NC_027956	16721	african golden wolf
728	NC_020648	16538	striped skunk
721	NC_000891	17019	platypus
689	NC_000884	16801	guinea pig
687	NC_002008	16727	dog
678	NC_008092	16729	gray wolf 1
677	NC_027932	16232	harvest mouse
674	NC_009686	16757	gray wolf 2
670	NC_035817	16490	finlaysons squirrel
566	NC_033906	15872	Sinopodisma wulingshanensis
557	NC_036493	17325	Santa Barbara tree frog
541	NC_035150	18974	cat gecko
540	NC_002078	16816	aardvark
534	NC_013272	16518	brown marmorated stink bug
515	NC_003190	16715	john dory

score	NC	bp	common name
504	NC_030247	16603	labeonin
503	NC_010570	16433	pirarucu
482	NC_023520	16773	sand tiger shark
478	NC_022415	16744	white shark
475	NC_008668	16778	ray-finned fish
448	NC_024853	16509	moonlighter fish
442	NC_024820	16433	giraffe
435	NC_011947	16441	spiny tailed leatherjacket
432	NC_011180	16825	flat needlefish
409	NC_009692	16431	sea otter
374	NC_023889	16386	killer whale
369	NC_036391	16513	yellow bullhead
352	NC_024052	16965	diana tarsier
329	NC_014887	15599	chinese grasshopper
329	NC_009830	16434	powderblue surgeonfish
307	NC_027857	16551	bandit angelfish
301	NC_006928	16408	brydes whale
298	NC_011943	16502	starry triggerfish
290	NC_005958	16016	alligator lizard
278	NC_008410	17277	asiatic toad
207	NC_001700	17009	cat
198	NC_009064	16703	indo-pacific sergeant
191	NC_004380	16479	goosefish
189	NC_005212	17047	cheetah
176	NC_010638	16773	snow leopard
152	NC_031807	16581	common carp
142	NC_028290	16565	atlantic sturgeon
122	NC_003322	16996	common wombat
115	NC_026104	15804	stonefly
78	NC_015342	15647	kudzu beetle
71	NC_001788	16670	wild ass
62	NC_000894	20992	leishmania
37	NC_021386	16580	long-tailed chinchilla
18	NC_028018	16653	white char
9	NC_020346	17098	greenspot goby
4	NC_001321	16398	fin whale
-31	NC_020669	17112	striped hyena
-39	NC_001601	16402	blue whale
-56	NC_015200	16939	eurasian magpie
-101	NC_001645	16364	gorilla

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-105	NC_001602	16797	grey seal
-115	NC_022429	16637	spectral bat
-123	NC_001644	16563	bonobo
-190	NC_026308	17298	baja california brush lizard
-220	NC_000845	16613	wild boar
-227	NC_025222	16560	tonkean macaque
-240	NC_033973	16817	terek sandpiper
-245	NC_020591	16673	hazel grouse
-319	NC_002783	16749	rhea
-328	NC_032084	17165	grey burrowing snake
-359	NC_023955	15782	freshwater pearl mussel
-405	NC_034122	14913	congo termite
-408	NC_002083	16499	orangutan
-413	NC_018033	16683	blood pheasant
-419	NC_024268	17937	silver-throated bushtit
-423	NC_029146	17821	silvereve
-430	NC_018801	16775	red-winged blackbird
-459	NC_012920	16569	human
-459	NC_011137	16565	neanderthal
-470	NC_018804	16773	saffron-cowled blackbird
-480	NC_025594	16802	long-tailed rosefinch
-534	NC_032058	17827	abyssinian white-eye
-540	NC_011196	16738	greylag goose
-556	NC_026082	17952	besra
-597	NC_027241	16893	goulds sunbird
-630	NC_014175	16544	peninsular horned tree lizard
-883	NC_029846	17370	lesser kestrel
-1025	NC_027847	17962	grey parrot
-1198	NC_025923	20350	Eurasian bittern
-1363	NC_001722	10359	hiv-2 (virus)
-4040	NC_023248	29999	anamorphic fungus
-4407	NC_035130	6363	australian mosquito
-4592	NC_007233	5990	monkey malaria parasite
-5377	NC_001499	5894	abelson (virus)
-10016	NC_016577	2633	AbMV (virus)
-11942	NC_020099	1670	copepod