

**NC\_030265 — european mantis (15534 bp)**

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

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
44639	NC_015119	16803	snow scorpionfly
43966	NC_033906	15872	Sinopodisma wulingshanensis
43516	NC_016419	15140	east palearctic butterfly
43110	NC_008221	15774	asian longhorned beetle
42998	NC_029498	15281	yellow-banded acraea
42866	NC_029510	15258	dancing acraea
42722	NC_014887	15599	chinese grasshopper
41341	NC_035677	16130	bean weevil
39263	NC_013272	16518	brown marmorated stink bug
37393	NC_034122	14913	congo termite
37085	NC_026104	15804	stonefly
36432	NC_015342	15647	kudzu beetle
35868	NC_014295	15895	eastern honey bee
33362	NC_026914	14948	water flea
29596	NC_029168	15326	acasta sulcata
26097	NC_000894	20992	leishmania
25328	NC_035150	18974	cat gecko
24708	NC_023248	29999	anamorphic fungus
23262	NC_001610	17084	virginia opossum
23016	NC_031858	16310	pacific star shell
22376	NC_006887	16375	tiger salamander
22208	NC_005797	16369	axolotl
21569	NC_016428	16263	striped field mouse
21427	NC_002369	16507	red squirrel
21385	NC_000891	17019	platypus
21377	NC_028510	17271	austrolebias
21267	NC_002078	16816	aardvark
21205	NC_020648	16538	striped skunk
21084	NC_025923	20350	Eurasian bittern
21072	NC_020336	16525	tiger tail seahorse
21060	NC_027932	16232	harvest mouse
20900	NC_024052	16965	diana tarsier
20650	NC_003322	16996	common wombat
20604	NC_000884	16801	guinea pig
20518	NC_023520	16773	sand tiger shark
20484	NC_005212	17047	cheetah
20434	NC_026308	17298	baja california brush lizard
20400	NC_009686	16757	gray wolf 2
20368	NC_035817	16490	finlaysons squirrel
20342	NC_002008	16727	dog

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20303	NC_008092	16729	gray wolf 1
20277	NC_027956	16721	african golden wolf
20208	NC_023955	15782	freshwater pearl mussel
20195	NC_001700	17009	cat
20129	NC_000845	16613	wild boar
20090	NC_024820	16433	giraffe
20044	NC_023889	16386	killer whale
19982	NC_036493	17325	Santa Barbara tree frog
19976	NC_022827	18479	staghorn coral
19964	NC_006928	16408	brydes whale
19953	NC_022415	16744	white shark
19868	NC_030247	16603	labeonin
19833	NC_021386	16580	long-tailed chinchilla
19818	NC_010638	16773	snow leopard
19755	NC_001601	16402	blue whale
19750	NC_005958	16016	alligator lizard
19682	NC_001321	16398	fin whale
19673	NC_010570	16433	pirarucu
19568	NC_009692	16431	sea otter
19541	NC_011180	16825	flat needlefish
19317	NC_020669	17112	striped hyena
19302	NC_008410	17277	asiatic toad
19236	NC_008161	14853	stony coral
19155	NC_001602	16797	grey seal
19140	NC_003190	16715	john dory
19114	NC_001788	16670	wild ass
19037	NC_008668	16778	ray-finned fish
18970	NC_015200	16939	eurasian magpie
18849	NC_024268	17937	silver-throated bushtit
18793	NC_016198	14281	giant roundworm
18781	NC_004390	16508	tapetail
18738	NC_029146	17821	silveryeye
18704	NC_025222	16560	tonkean macaque
18670	NC_026082	17952	besra
18633	NC_031807	16581	common carp
18582	NC_001644	16563	bonobo
18483	NC_020591	16673	hazel grouse
18452	NC_033973	16817	terek sandpiper
18365	NC_036391	16513	yellow bullhead
18329	NC_032058	17827	abyssinian white-eye

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18254	NC_001645	16364	gorilla
18224	NC_020346	17098	greenspot goby
18206	NC_032084	17165	grey burrowing snake
18189	NC_011943	16502	starry triggerfish
18160	NC_009830	16434	powderblue surgeonfish
18114	NC_011137	16565	neanderthal
18111	NC_012920	16569	human
18055	NC_014175	16544	peninsular horned tree lizard
17988	NC_018033	16683	blood pheasant
17956	NC_019571	13913	cat lungworm
17786	NC_029846	17370	lesser kestrel
17782	NC_009064	16703	indo-pacific sergeant
17771	NC_016197	13724	filarial nematode
17725	NC_018801	16775	red-winged blackbird
17705	NC_025594	16802	long-tailed rosefinch
17646	NC_027241	16893	goulds sunbird
17613	NC_028290	16565	atlantic sturgeon
17613	NC_024853	16509	moonlighter fish
17603	NC_028018	16653	white char
17550	NC_022429	16637	spectral bat
17486	NC_002083	16499	orangutan
17449	NC_027857	16551	bandit angelfish
17364	NC_018804	16773	saffron-cowled blackbird
17281	NC_021933	15282	millipede
17076	NC_002783	16749	rhea
17039	NC_011196	16738	greylag goose
16953	NC_027847	17962	grey parrot
16723	NC_027943	16270	peruvian scallop
16707	NC_011947	16441	spiny tailed leatherjacket
16696	NC_004380	16479	goosefish
11114	NC_001722	10359	hiv-2 (virus)
6858	NC_007233	5990	monkey malaria parasite
4002	NC_035130	6363	australian mosquito
2041	NC_001499	5894	abelson (virus)
-4773	NC_016577	2633	AbMV (virus)
-8492	NC_020099	1670	copepod