

**NC\_009064 — indo-pacific sergeant (16703 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>
54327	NC_024853	16509	moonlighter fish
52396	NC_011943	16502	starry triggerfish
52089	NC_009830	16434	powderblue surgeonfish
52017	NC_027857	16551	bandit angelfish
51607	NC_011180	16825	flat needlefish
50637	NC_004380	16479	goosefish
50574	NC_020346	17098	greenspot goby
50420	NC_011947	16441	spiny tailed leatherjacket
49187	NC_004390	16508	tapetail
48946	NC_031807	16581	common carp
48932	NC_003190	16715	john dory
48353	NC_030247	16603	labeonin
48347	NC_028290	16565	atlantic sturgeon
47474	NC_036391	16513	yellow bullhead
47299	NC_008668	16778	ray-finned fish
46889	NC_020336	16525	tiger tail seahorse
46277	NC_028018	16653	white char
46050	NC_010570	16433	pirarucu
44830	NC_023520	16773	sand tiger shark
44555	NC_022415	16744	white shark
40995	NC_026308	17298	baja california brush lizard
40957	NC_028510	17271	austrolebias
40172	NC_001788	16670	wild ass
40005	NC_003322	16996	common wombat
39863	NC_008410	17277	asiatic toad
39811	NC_022429	16637	spectral bat
39739	NC_006928	16408	brydes whale
39517	NC_002078	16816	aardvark
39404	NC_024820	16433	giraffe
39188	NC_018801	16775	red-winged blackbird
39134	NC_024052	16965	diana tarsier
39055	NC_001644	16563	bonobo
39037	NC_002369	16507	red squirrel
39032	NC_011196	16738	greylag goose
38999	NC_002783	16749	rhea
38944	NC_027241	16893	goulds sunbird
38918	NC_035817	16490	finlaysons squirrel
38914	NC_008092	16729	gray wolf 1
38899	NC_018804	16773	saffron-cowled blackbird
38878	NC_023889	16386	killer whale

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
38878	NC_009686	16757	gray wolf 2
38846	NC_005797	16369	axolotl
38818	NC_009692	16431	sea otter
38804	NC_021386	16580	long-tailed chinchilla
38751	NC_002008	16727	dog
38745	NC_001601	16402	blue whale
38737	NC_020648	16538	striped skunk
38721	NC_006887	16375	tiger salamander
38646	NC_027956	16721	african golden wolf
38633	NC_036493	17325	Santa Barbara tree frog
38615	NC_016428	16263	striped field mouse
38579	NC_001321	16398	fin whale
38555	NC_027932	16232	harvest mouse
38536	NC_015200	16939	eurasian magpie
38453	NC_002083	16499	orangutan
38398	NC_020669	17112	striped hyena
38367	NC_024268	17937	silver-throated bushtit
38348	NC_000891	17019	platypus
38317	NC_026082	17952	besra
38299	NC_005958	16016	alligator lizard
38296	NC_033973	16817	terek sandpiper
38278	NC_029146	17821	silvereve
38275	NC_001645	16364	gorilla
38235	NC_000884	16801	guinea pig
38190	NC_005212	17047	cheetah
38189	NC_001610	17084	virginia opossum
38068	NC_025222	16560	tonkean macaque
38030	NC_032058	17827	abyssinian white-eye
37866	NC_001700	17009	cat
37856	NC_001602	16797	grey seal
37852	NC_010638	16773	snow leopard
37838	NC_025923	20350	Eurasian bittern
37807	NC_029846	17370	lesser kestrel
37781	NC_011137	16565	neanderthal
37743	NC_012920	16569	human
37721	NC_025594	16802	long-tailed rosefinch
37270	NC_018033	16683	blood pheasant
37219	NC_027847	17962	grey parrot
36776	NC_020591	16673	hazel grouse
36591	NC_000845	16613	wild boar

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
34815	NC_035150	18974	cat gecko
33298	NC_014175	16544	peninsular horned tree lizard
32936	NC_032084	17165	grey burrowing snake
20247	NC_023955	15782	freshwater pearl mussel
20130	NC_023248	29999	anamorphic fungus
20011	NC_026104	15804	stonefly
18910	NC_015342	15647	kudzu beetle
18621	NC_034122	14913	congo termite
18402	NC_031858	16310	pacific star shell
18205	NC_013272	16518	brown marmorated stink bug
18153	NC_029168	15326	acasta sulcata
17997	NC_014887	15599	chinese grasshopper
17915	NC_035677	16130	bean weevil
17900	NC_026914	14948	water flea
17863	NC_033906	15872	Sinopodisma wulingshanensis
17790	NC_008221	15774	asian longhorned beetle
17782	NC_030265	15534	european mantis
17748	NC_022827	18479	staghorn coral
17105	NC_015119	16803	snow scorpionfly
16936	NC_029498	15281	yellow-banded acraea
16881	NC_029510	15258	dancing acraea
16546	NC_016419	15140	east palearctic butterfly
16351	NC_014295	15895	eastern honey bee
15822	NC_027943	16270	peruvian scallop
15551	NC_000894	20992	leishmania
15244	NC_021933	15282	millipede
15136	NC_008161	14853	stony coral
12912	NC_001722	10359	hiv-2 (virus)
12471	NC_016198	14281	giant roundworm
11928	NC_019571	13913	cat lungworm
11023	NC_016197	13724	filarial nematode
5337	NC_035130	6363	australian mosquito
5186	NC_007233	5990	monkey malaria parasite
4570	NC_001499	5894	abelson (virus)
-5348	NC_016577	2633	AbMV (virus)
-9111	NC_020099	1670	copepod