

**NC.013272 — brown marmorated stink bug (16518 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>
44145	NC_015342	15647	kudzu beetle
43312	NC_015119	16803	snow scorpionfly
41556	NC_033906	15872	Sinopodisma wulingshanensis
41218	NC_014887	15599	chinese grasshopper
41069	NC_008221	15774	asian longhorned beetle
40061	NC_035677	16130	bean weevil
39304	NC_029498	15281	yellow-banded acraea
39263	NC_030265	15534	european mantis
39242	NC_016419	15140	east palearctic butterfly
39216	NC_029510	15258	dancing acraea
35131	NC_014295	15895	eastern honey bee
34199	NC_026104	15804	stonefly
33750	NC_034122	14913	congo termite
31117	NC_026914	14948	water flea
29480	NC_029168	15326	acasta sulcata
26561	NC_000894	20992	leishmania
26383	NC_023248	29999	anamorphic fungus
25266	NC_031858	16310	pacific star shell
24839	NC_035150	18974	cat gecko
23739	NC_001610	17084	virginia opossum
22977	NC_006887	16375	tiger salamander
22863	NC_005797	16369	axolotl
22521	NC_025923	20350	Eurasian bittern
22126	NC_016428	16263	striped field mouse
22087	NC_020648	16538	striped skunk
21905	NC_002369	16507	red squirrel
21888	NC_002078	16816	aardvark
21852	NC_000891	17019	platypus
21637	NC_003322	16996	common wombat
21629	NC_020336	16525	tiger tail seahorse
21602	NC_024052	16965	diana tarsier
21488	NC_027932	16232	harvest mouse
21395	NC_028510	17271	austrolebias
21355	NC_026308	17298	baja california brush lizard
21226	NC_000884	16801	guinea pig
21133	NC_009686	16757	gray wolf 2
21130	NC_002008	16727	dog
21071	NC_027956	16721	african golden wolf
21068	NC_008092	16729	gray wolf 1
21068	NC_005212	17047	cheetah

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
20954	NC_023520	16773	sand tiger shark
20943	NC_035817	16490	finlaysons squirrel
20941	NC_024820	16433	giraffe
20931	NC_000845	16613	wild boar
20854	NC_023955	15782	freshwater pearl mussel
20743	NC_023889	16386	killer whale
20699	NC_030247	16603	labeonin
20658	NC_001700	17009	cat
20566	NC_006928	16408	brydes whale
20541	NC_005958	16016	alligator lizard
20364	NC_001601	16402	blue whale
20356	NC_009692	16431	sea otter
20356	NC_001321	16398	fin whale
20352	NC_021386	16580	long-tailed chinchilla
20310	NC_010638	16773	snow leopard
20285	NC_022415	16744	white shark
20253	NC_010570	16433	pirarucu
20210	NC_001788	16670	wild ass
20161	NC_036493	17325	Santa Barbara tree frog
19991	NC_020669	17112	striped hyena
19964	NC_001602	16797	grey seal
19873	NC_011180	16825	flat needlefish
19562	NC_008410	17277	asiatic toad
19513	NC_015200	16939	eurasian magpie
19485	NC_031807	16581	common carp
19456	NC_022827	18479	staghorn coral
19425	NC_003190	16715	john dory
19424	NC_025222	16560	tonkean macaque
19351	NC_001644	16563	bonobo
19345	NC_008668	16778	ray-finned fish
19230	NC_026082	17952	besra
19069	NC_029146	17821	silveryeye
19033	NC_032084	17165	grey burrowing snake
18953	NC_024268	17937	silver-throated bushtit
18933	NC_014175	16544	peninsular horned tree lizard
18912	NC_036391	16513	yellow bullhead
18877	NC_004390	16508	tapetail
18831	NC_001645	16364	gorilla
18818	NC_020346	17098	greenspot goby
18748	NC_032058	17827	abyssinian white-eye

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18743	NC_020591	16673	hazel grouse
18687	NC_033973	16817	terek sandpiper
18632	NC_011943	16502	starry triggerfish
18625	NC_012920	16569	human
18577	NC_011137	16565	neanderthal
18547	NC_018033	16683	blood pheasant
18435	NC_009830	16434	powderblue surgeonfish
18327	NC_029846	17370	lesser kestrel
18319	NC_018801	16775	red-winged blackbird
18219	NC_025594	16802	long-tailed rosefinch
18205	NC_009064	16703	indo-pacific sergeant
18188	NC_022429	16637	spectral bat
18176	NC_028290	16565	atlantic sturgeon
18111	NC_008161	14853	stony coral
18109	NC_027241	16893	goulds sunbird
18085	NC_028018	16653	white char
17921	NC_018804	16773	saffron-cowled blackbird
17832	NC_002083	16499	orangutan
17813	NC_024853	16509	moonlighter fish
17760	NC_011196	16738	greylag goose
17725	NC_027857	16551	bandit angelfish
17628	NC_027847	17962	grey parrot
17369	NC_002783	16749	rhea
17361	NC_016198	14281	giant roundworm
16986	NC_011947	16441	spiny tailed leatherjacket
16945	NC_004380	16479	goosefish
16660	NC_019571	13913	cat lungworm
16220	NC_016197	13724	filarial nematode
16166	NC_021933	15282	millipede
15781	NC_027943	16270	peruvian scallop
11439	NC_001722	10359	hiv-2 (virus)
6216	NC_007233	5990	monkey malaria parasite
3524	NC_035130	6363	australian mosquito
1461	NC_001499	5894	abelson (virus)
-5663	NC_016577	2633	AbMV (virus)
-9393	NC_020099	1670	copepod