

NC.011947 — spiny tailed leatherjacket (16441 bp)

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

score	NC	bp	common name
53228	NC_011943	16502	starry triggerfish
50563	NC_024853	16509	moonlighter fish
50420	NC_009064	16703	indo-pacific sergeant
48991	NC_009830	16434	powderblue surgeonfish
48918	NC_027857	16551	bandit angelfish
48642	NC_004380	16479	goosefish
47449	NC_020346	17098	greenspot goby
47092	NC_011180	16825	flat needlefish
46307	NC_031807	16581	common carp
46301	NC_004390	16508	tapetail
46270	NC_003190	16715	john dory
45806	NC_028290	16565	atlantic sturgeon
45507	NC_036391	16513	yellow bullhead
45418	NC_030247	16603	labeonin
45165	NC_008668	16778	ray-finned fish
44596	NC_028018	16653	white char
44212	NC_020336	16525	tiger tail seahorse
43180	NC_010570	16433	pirarucu
42281	NC_023520	16773	sand tiger shark
42026	NC_022415	16744	white shark
38384	NC_028510	17271	austrolebias
38288	NC_001788	16670	wild ass
38113	NC_026308	17298	baja california brush lizard
38102	NC_008410	17277	asiatic toad
37963	NC_022429	16637	spectral bat
37962	NC_003322	16996	common wombat
37868	NC_006928	16408	brydes whale
37573	NC_024820	16433	giraffe
37379	NC_035817	16490	finlaysons squirrel
37312	NC_009692	16431	sea otter
37296	NC_002078	16816	aardvark
37262	NC_005797	16369	axolotl
37154	NC_018804	16773	saffron-cowled blackbird
37121	NC_008092	16729	gray wolf 1
37117	NC_023889	16386	killer whale
37093	NC_009686	16757	gray wolf 2
37083	NC_027956	16721	african golden wolf
37072	NC_006887	16375	tiger salamander
37072	NC_002008	16727	dog
37066	NC_001601	16402	blue whale

score	NC	bp	common name
37012	NC_027241	16893	goulds sunbird
36968	NC_021386	16580	long-tailed chinchilla
36926	NC_005958	16016	alligator lizard
36921	NC_018801	16775	red-winged blackbird
36904	NC_027932	16232	harvest mouse
36836	NC_001321	16398	fin whale
36775	NC_001645	16364	gorilla
36723	NC_015200	16939	eurasian magpie
36718	NC_002783	16749	rhea
36708	NC_024052	16965	diana tarsier
36703	NC_011196	16738	greylag goose
36655	NC_002369	16507	red squirrel
36626	NC_001644	16563	bonobo
36611	NC_000884	16801	guinea pig
36568	NC_036493	17325	Santa Barbara tree frog
36553	NC_020669	17112	striped hyena
36533	NC_029146	17821	silveryeye
36519	NC_000891	17019	platypus
36517	NC_020648	16538	striped skunk
36471	NC_033973	16817	terek sandpiper
36395	NC_016428	16263	striped field mouse
36392	NC_001700	17009	cat
36354	NC_002083	16499	orangutan
36329	NC_025222	16560	tonkean macaque
36321	NC_024268	17937	silver-throated bushtit
36314	NC_026082	17952	besra
36243	NC_010638	16773	snow leopard
36224	NC_001602	16797	grey seal
36170	NC_032058	17827	abyssinian white-eye
36075	NC_005212	17047	cheetah
35921	NC_012920	16569	human
35874	NC_011137	16565	neanderthal
35820	NC_001610	17084	virginia opossum
35760	NC_025594	16802	long-tailed rosefinch
35597	NC_029846	17370	lesser kestrel
35417	NC_025923	20350	Eurasian bittern
35326	NC_018033	16683	blood pheasant
35263	NC_027847	17962	grey parrot
34965	NC_020591	16673	hazel grouse
34847	NC_000845	16613	wild boar

score	NC	bp	common name
32563	NC_035150	18974	cat gecko
31803	NC_032084	17165	grey burrowing snake
31623	NC_014175	16544	peninsular horned tree lizard
19348	NC_023955	15782	freshwater pearl mussel
19297	NC_023248	29999	anamorphic fungus
19166	NC_026104	15804	stonefly
18271	NC_022827	18479	staghorn coral
17795	NC_031858	16310	pacific star shell
17644	NC_034122	14913	congo termite
17587	NC_015342	15647	kudzu beetle
17385	NC_026914	14948	water flea
17169	NC_029168	15326	acasta sulcata
16986	NC_013272	16518	brown marmorated stink bug
16707	NC_030265	15534	european mantis
16680	NC_035677	16130	bean weevil
16584	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
16383	NC_014887	15599	chinese grasshopper
16374	NC_027943	16270	peruvian scallop
16325	NC_008221	15774	asian longhorned beetle
15918	NC_021933	15282	millipede
15853	NC_029498	15281	yellow-banded acraea
15790	NC_029510	15258	dancing acraea
15716	NC_015119	16803	snow scorpionfly
15393	NC_008161	14853	stony coral
15322	NC_016419	15140	east palearctic butterfly
14846	NC_014295	15895	eastern honey bee
14332	NC_000894	20992	leishmania
13037	NC_001722	10359	hiv-2 (virus)
12841	NC_016198	14281	giant roundworm
12403	NC_019571	13913	cat lungworm
11407	NC_016197	13724	filarial nematode
5771	NC_035130	6363	australian mosquito
5297	NC_007233	5990	monkey malaria parasite
4968	NC_001499	5894	abelson (virus)
-5005	NC_016577	2633	AbMV (virus)
-8809	NC_020099	1670	copepod