

**NC.028510 — austrolebias (17271 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>
41384	NC_011180	16825	flat needlefish
40957	NC_009064	16703	indo-pacific sergeant
40902	NC_020336	16525	tiger tail seahorse
40551	NC_020346	17098	greenspot goby
40517	NC_003190	16715	john dory
39950	NC_004390	16508	tapetail
39919	NC_024853	16509	moonlighter fish
39881	NC_011943	16502	starry triggerfish
39850	NC_030247	16603	labeonin
39475	NC_023520	16773	sand tiger shark
39459	NC_010570	16433	pirarucu
39354	NC_009830	16434	powderblue surgeonfish
39336	NC_027857	16551	bandit angelfish
39291	NC_008668	16778	ray-finned fish
39204	NC_022415	16744	white shark
39164	NC_036391	16513	yellow bullhead
38877	NC_006887	16375	tiger salamander
38789	NC_031807	16581	common carp
38625	NC_005797	16369	axolotl
38384	NC_011947	16441	spiny tailed leatherjacket
37994	NC_004380	16479	goosefish
37937	NC_028290	16565	atlantic sturgeon
37671	NC_000891	17019	platypus
37097	NC_001610	17084	virginia opossum
36870	NC_002078	16816	aardvark
36669	NC_002369	16507	red squirrel
36449	NC_024052	16965	diana tarsier
36314	NC_026308	17298	baja california brush lizard
36224	NC_020648	16538	striped skunk
36213	NC_036493	17325	Santa Barbara tree frog
36209	NC_035817	16490	finlaysons squirrel
36206	NC_028018	16653	white char
36195	NC_009686	16757	gray wolf 2
36147	NC_008092	16729	gray wolf 1
36139	NC_002008	16727	dog
36070	NC_027956	16721	african golden wolf
36047	NC_008410	17277	asiatic toad
35945	NC_035150	18974	cat gecko
35930	NC_027932	16232	harvest mouse
35826	NC_016428	16263	striped field mouse

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35729	NC_006928	16408	brydes whale
35620	NC_003322	16996	common wombat
35556	NC_024820	16433	giraffe
35480	NC_023889	16386	killer whale
35309	NC_005212	17047	cheetah
35260	NC_000884	16801	guinea pig
34892	NC_001788	16670	wild ass
34834	NC_009692	16431	sea otter
34790	NC_021386	16580	long-tailed chinchilla
34625	NC_001700	17009	cat
34456	NC_005958	16016	alligator lizard
34454	NC_001321	16398	fin whale
34334	NC_010638	16773	snow leopard
34318	NC_001601	16402	blue whale
34224	NC_020669	17112	striped hyena
34221	NC_001644	16563	bonobo
34209	NC_015200	16939	eurasian magpie
33978	NC_033973	16817	terek sandpiper
33958	NC_022429	16637	spectral bat
33905	NC_024268	17937	silver-throated bushtit
33839	NC_025923	20350	Eurasian bittern
33796	NC_025222	16560	tonkean macaque
33784	NC_001645	16364	gorilla
33600	NC_029146	17821	silveryeye
33404	NC_002783	16749	rhea
33390	NC_032058	17827	abyssinian white-eye
33358	NC_011196	16738	greylag goose
33335	NC_018801	16775	red-winged blackbird
33312	NC_018804	16773	saffron-cowled blackbird
33207	NC_027241	16893	goulds sunbird
33198	NC_026082	17952	besra
33125	NC_002083	16499	orangutan
33082	NC_001602	16797	grey seal
32847	NC_012920	16569	human
32782	NC_011137	16565	neanderthal
32438	NC_029846	17370	lesser kestrel
32331	NC_000845	16613	wild boar
32205	NC_020591	16673	hazel grouse
31695	NC_025594	16802	long-tailed rosefinch
31625	NC_018033	16683	blood pheasant

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31493	NC_027847	17962	grey parrot
29959	NC_032084	17165	grey burrowing snake
29752	NC_014175	16544	peninsular horned tree lizard
24426	NC_023248	29999	anamorphic fungus
22123	NC_015119	16803	snow scorpionfly
21742	NC_029498	15281	yellow-banded acraea
21668	NC_022827	18479	staghorn coral
21598	NC_008221	15774	asian longhorned beetle
21543	NC_029510	15258	dancing acraea
21528	NC_035677	16130	bean weevil
21513	NC_014295	15895	eastern honey bee
21509	NC_016419	15140	east palearctic butterfly
21395	NC_013272	16518	brown marmorated stink bug
21377	NC_030265	15534	european mantis
21282	NC_029168	15326	acasta sulcata
21205	NC_000894	20992	leishmania
21038	NC_031858	16310	pacific star shell
20837	NC_033906	15872	Sinopodisma wulingshanensis
20510	NC_026104	15804	stonefly
20415	NC_014887	15599	chinese grasshopper
20318	NC_026914	14948	water flea
20271	NC_015342	15647	kudzu beetle
20176	NC_023955	15782	freshwater pearl mussel
19988	NC_021933	15282	millipede
19591	NC_008161	14853	stony coral
18785	NC_034122	14913	congo termite
18685	NC_027943	16270	peruvian scallop
18059	NC_016198	14281	giant roundworm
18031	NC_019571	13913	cat lungworm
17586	NC_016197	13724	filarial nematode
12011	NC_001722	10359	hiv-2 (virus)
5604	NC_007233	5990	monkey malaria parasite
4755	NC_035130	6363	australian mosquito
3575	NC_001499	5894	abelson (virus)
-5789	NC_016577	2633	AbMV (virus)
-9747	NC_020099	1670	copepod