

**NC\_027241 — goulds sunbird (16893 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>
62161	NC_018801	16775	red-winged blackbird
61894	NC_018804	16773	saffron-cowled blackbird
58664	NC_024268	17937	silver-throated bushtit
58515	NC_029146	17821	silveryeye
58382	NC_015200	16939	eurasian magpie
58280	NC_032058	17827	abyssinian white-eye
55383	NC_025594	16802	long-tailed rosefinch
53019	NC_033973	16817	terek sandpiper
52022	NC_011196	16738	greylag goose
51426	NC_002783	16749	rhea
51362	NC_025923	20350	Eurasian bittern
51035	NC_026082	17952	besra
49929	NC_029846	17370	lesser kestrel
48598	NC_027847	17962	grey parrot
46621	NC_018033	16683	blood pheasant
45910	NC_020591	16673	hazel grouse
40580	NC_026308	17298	baja california brush lizard
40033	NC_031807	16581	common carp
39620	NC_028290	16565	atlantic sturgeon
39275	NC_003322	16996	common wombat
38982	NC_020346	17098	greenspot goby
38973	NC_001788	16670	wild ass
38944	NC_009064	16703	indo-pacific sergeant
38832	NC_022429	16637	spectral bat
38596	NC_011943	16502	starry triggerfish
38541	NC_030247	16603	labeonin
38426	NC_021386	16580	long-tailed chinchilla
38420	NC_009830	16434	powderblue surgeonfish
38366	NC_022415	16744	white shark
38291	NC_006928	16408	brydes whale
38255	NC_011180	16825	flat needlefish
38227	NC_001644	16563	bonobo
38196	NC_027857	16551	bandit angelfish
38147	NC_002083	16499	orangutan
38051	NC_023520	16773	sand tiger shark
38037	NC_024853	16509	moonlighter fish
38027	NC_002078	16816	aardvark
37981	NC_009692	16431	sea otter
37892	NC_024820	16433	giraffe
37796	NC_024052	16965	diana tarsier

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
37780	NC_008668	16778	ray-finned fish
37698	NC_010570	16433	pirarucu
37676	NC_000884	16801	guinea pig
37621	NC_008092	16729	gray wolf 1
37598	NC_009686	16757	gray wolf 2
37518	NC_036391	16513	yellow bullhead
37476	NC_002008	16727	dog
37467	NC_025222	16560	tonkean macaque
37305	NC_027956	16721	african golden wolf
37263	NC_023889	16386	killer whale
37221	NC_001645	16364	gorilla
37194	NC_001601	16402	blue whale
37187	NC_003190	16715	john dory
37157	NC_020669	17112	striped hyena
37032	NC_020648	16538	striped skunk
37012	NC_011947	16441	spiny tailed leatherjacket
37007	NC_035817	16490	finlaysons squirrel
37006	NC_008410	17277	asiatic toad
37005	NC_001321	16398	fin whale
36964	NC_005958	16016	alligator lizard
36843	NC_001602	16797	grey seal
36833	NC_004380	16479	goosefish
36781	NC_001700	17009	cat
36773	NC_002369	16507	red squirrel
36762	NC_001610	17084	virginia opossum
36718	NC_027932	16232	harvest mouse
36607	NC_000891	17019	platypus
36542	NC_005212	17047	cheetah
36185	NC_010638	16773	snow leopard
36175	NC_016428	16263	striped field mouse
36125	NC_011137	16565	neanderthal
36043	NC_020336	16525	tiger tail seahorse
36041	NC_012920	16569	human
36023	NC_004390	16508	tapetail
35866	NC_005797	16369	axolotl
35664	NC_000845	16613	wild boar
35603	NC_006887	16375	tiger salamander
35112	NC_028018	16653	white char
34987	NC_036493	17325	Santa Barbara tree frog
34736	NC_014175	16544	peninsular horned tree lizard

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
33945	NC_035150	18974	cat gecko
33469	NC_032084	17165	grey burrowing snake
33207	NC_028510	17271	austrolebias
20748	NC_023955	15782	freshwater pearl mussel
20583	NC_034122	14913	congo termite
20256	NC_026104	15804	stonefly
20092	NC_023248	29999	anamorphic fungus
19281	NC_015342	15647	kudzu beetle
18432	NC_031858	16310	pacific star shell
18234	NC_014887	15599	chinese grasshopper
18109	NC_013272	16518	brown marmorated stink bug
17886	NC_033906	15872	Sinopodisma wulingshanensis
17773	NC_029168	15326	acasta sulcata
17646	NC_030265	15534	european mantis
17400	NC_035677	16130	bean weevil
17399	NC_026914	14948	water flea
17164	NC_008221	15774	asian longhorned beetle
16510	NC_029498	15281	yellow-banded acraea
16507	NC_015119	16803	snow scorpionfly
16464	NC_029510	15258	dancing acraea
16254	NC_022827	18479	staghorn coral
15958	NC_016419	15140	east palearctic butterfly
15818	NC_014295	15895	eastern honey bee
14728	NC_000894	20992	leishmania
13994	NC_027943	16270	peruvian scallop
13483	NC_008161	14853	stony coral
12951	NC_001722	10359	hiv-2 (virus)
12436	NC_021933	15282	millipede
10277	NC_016198	14281	giant roundworm
9686	NC_019571	13913	cat lungworm
8747	NC_016197	13724	filarial nematode
4890	NC_035130	6363	australian mosquito
4629	NC_007233	5990	monkey malaria parasite
4274	NC_001499	5894	abelson (virus)
-5706	NC_016577	2633	AbMV (virus)
-9349	NC_020099	1670	copepod