

**NC\_023955 — freshwater pearl mussel (15782 bp)**  
LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
2124	NC_001610	17084	virginia opossum
2102	NC_002078	16816	aardvark
2101	NC_016428	16263	striped field mouse
2096	NC_003322	16996	common wombat
2094	NC_000845	16613	wild boar
2079	NC_020648	16538	striped skunk
2064	NC_027932	16232	harvest mouse
2053	NC_024052	16965	diana tarsier
2050	NC_034122	14913	congo termite
2037	NC_024820	16433	giraffe
2034	NC_005958	16016	alligator lizard
2026	NC_001788	16670	wild ass
2021	NC_023889	16386	killer whale
2019	NC_014887	15599	chinese grasshopper
2005	NC_006928	16408	brydes whale
2000	NC_021386	16580	long-tailed chinchilla
1990	NC_009692	16431	sea otter
1981	NC_005212	17047	cheetah
1977	NC_015342	15647	kudzu beetle
1970	NC_026308	17298	baja california brush lizard
1968	NC_001321	16398	fin whale
1966	NC_002369	16507	red squirrel
1947	NC_001602	16797	grey seal
1946	NC_023520	16773	sand tiger shark
1940	NC_001700	17009	cat
1934	NC_001601	16402	blue whale
1930	NC_035817	16490	finlaysons squirrel
1928	NC_000884	16801	guinea pig
1925	NC_002008	16727	dog
1917	NC_005797	16369	axolotl
1913	NC_015200	16939	eurasian magpie
1913	NC_001644	16563	bonobo
1910	NC_020669	17112	striped hyena
1909	NC_006887	16375	tiger salamander
1905	NC_008092	16729	gray wolf 1
1904	NC_009686	16757	gray wolf 2
1895	NC_010570	16433	pirarucu
1887	NC_020336	16525	tiger tail seahorse
1883	NC_010638	16773	snow leopard
1878	NC_014175	16544	peninsular horned tree lizard

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1875	NC_027956	16721	african golden wolf
1874	NC_025222	16560	tonkean macaque
1867	NC_022415	16744	white shark
1866	NC_030247	16603	labeonin
1852	NC_029846	17370	lesser kestrel
1848	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
1829	NC_018801	16775	red-winged blackbird
1822	NC_013272	16518	brown marmorated stink bug
1822	NC_012920	16569	human
1822	NC_001645	16364	gorilla
1821	NC_011137	16565	neanderthal
1810	NC_000891	17019	platypus
1807	NC_002083	16499	orangutan
1806	NC_011196	16738	greylag goose
1805	NC_031807	16581	common carp
1801	NC_033973	16817	terek sandpiper
1799	NC_030265	15534	european mantis
1798	NC_018033	16683	blood pheasant
1790	NC_022429	16637	spectral bat
1771	NC_027241	16893	goulds sunbird
1770	NC_025594	16802	long-tailed rosefinch
1766	NC_011180	16825	flat needlefish
1765	NC_018804	16773	saffron-cowled blackbird
1753	NC_020591	16673	hazel grouse
1742	NC_032084	17165	grey burrowing snake
1728	NC_024268	17937	silver-throated bushtit
1719	NC_026082	17952	besra
1706	NC_029146	17821	silvereve
1687	NC_028290	16565	atlantic sturgeon
1681	NC_026104	15804	stonefly
1670	NC_011943	16502	starry triggerfish
1667	NC_035150	18974	cat gecko
1661	NC_008410	17277	asiatic toad
1656	NC_008221	15774	asian longhorned beetle
1648	NC_009064	16703	indo-pacific sergeant
1645	NC_002783	16749	rhea
1641	NC_009830	16434	powderblue surgeonfish
1629	NC_014295	15895	eastern honey bee
1626	NC_027857	16551	bandit angelfish
1621	NC_008668	16778	ray-finned fish

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1616	NC_020346	17098	greenspot goby
1615	NC_032058	17827	abyssinian white-eye
1614	NC_024853	16509	moonlighter fish
1597	NC_036391	16513	yellow bullhead
1585	NC_036493	17325	Santa Barbara tree frog
1578	NC_003190	16715	john dory
1509	NC_015119	16803	snow scorpionfly
1502	NC_004390	16508	tapetail
1501	NC_029168	15326	acasta sulcata
1486	NC_035677	16130	bean weevil
1482	NC_027847	17962	grey parrot
1476	NC_029498	15281	yellow-banded acraea
1461	NC_029510	15258	dancing acraea
1461	NC_028018	16653	white char
1458	NC_016419	15140	east palearctic butterfly
1452	NC_004380	16479	goosefish
1386	NC_028510	17271	austrolebias
1381	NC_011947	16441	spiny tailed leatherjacket
1321	NC_026914	14948	water flea
1221	NC_031858	16310	pacific star shell
1116	NC_025923	20350	Eurasian bittern
171	NC_008161	14853	stony coral
150	NC_000894	20992	leishmania
125	NC_022827	18479	staghorn coral
-114	NC_027943	16270	peruvian scallop
-359	NC_021933	15282	millipede
-480	NC_016198	14281	giant roundworm
-595	NC_019571	13913	cat lungworm
-740	NC_001722	10359	hiv-2 (virus)
-1012	NC_016197	13724	filarial nematode
-3604	NC_023248	29999	anamorphic fungus
-4706	NC_035130	6363	australian mosquito
-4756	NC_007233	5990	monkey malaria parasite
-5265	NC_001499	5894	abelson (virus)
-10516	NC_016577	2633	AbMV (virus)
-12442	NC_020099	1670	copepod