

**NC\_029168 — acasta sulcata (15326 bp)**  
LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
3826	NC_015119	16803	snow scorpionfly
3622	NC_008221	15774	asian longhorned beetle
3413	NC_033906	15872	Sinopodisma wulingshanensis
3410	NC_013272	16518	brown marmorated stink bug
3208	NC_030265	15534	european mantis
3174	NC_035677	16130	bean weevil
3164	NC_014887	15599	chinese grasshopper
3033	NC_029510	15258	dancing acraea
3006	NC_029498	15281	yellow-banded acraea
2983	NC_016419	15140	east palearctic butterfly
2877	NC_014295	15895	eastern honey bee
2763	NC_031858	16310	pacific star shell
2751	NC_015342	15647	kudzu beetle
2450	NC_026104	15804	stonefly
2297	NC_026914	14948	water flea
2104	NC_006887	16375	tiger salamander
2101	NC_001610	17084	virginia opossum
2089	NC_005797	16369	axolotl
2026	NC_016198	14281	giant roundworm
1964	NC_016428	16263	striped field mouse
1914	NC_002369	16507	red squirrel
1909	NC_020648	16538	striped skunk
1871	NC_019571	13913	cat lungworm
1838	NC_020336	16525	tiger tail seahorse
1823	NC_000891	17019	platypus
1810	NC_027932	16232	harvest mouse
1803	NC_002078	16816	aardvark
1739	NC_000845	16613	wild boar
1738	NC_035817	16490	finlaysons squirrel
1735	NC_034122	14913	congo termite
1707	NC_005212	17047	cheetah
1693	NC_035150	18974	cat gecko
1690	NC_009686	16757	gray wolf 2
1679	NC_002008	16727	dog
1676	NC_000884	16801	guinea pig
1675	NC_008092	16729	gray wolf 1
1673	NC_028510	17271	austrolebias
1672	NC_024052	16965	diana tarsier
1663	NC_027956	16721	african golden wolf
1648	NC_023889	16386	killer whale

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
1643	NC_003322	16996	common wombat
1638	NC_024820	16433	giraffe
1623	NC_001700	17009	cat
1616	NC_008161	14853	stony coral
1590	NC_023520	16773	sand tiger shark
1582	NC_005958	16016	alligator lizard
1570	NC_010638	16773	snow leopard
1565	NC_030247	16603	labeonin
1564	NC_001321	16398	fin whale
1550	NC_001601	16402	blue whale
1544	NC_022415	16744	white shark
1535	NC_006928	16408	brydes whale
1533	NC_010570	16433	pirarucu
1526	NC_009692	16431	sea otter
1512	NC_001602	16797	grey seal
1501	NC_023955	15782	freshwater pearl mussel
1455	NC_036493	17325	Santa Barbara tree frog
1448	NC_016197	13724	filarial nematode
1435	NC_021386	16580	long-tailed chinchilla
1433	NC_020669	17112	striped hyena
1396	NC_026308	17298	baja california brush lizard
1393	NC_011180	16825	flat needlefish
1339	NC_001788	16670	wild ass
1322	NC_015200	16939	eurasian magpie
1312	NC_031807	16581	common carp
1269	NC_003190	16715	john dory
1263	NC_004390	16508	tapetail
1262	NC_008410	17277	asiatic toad
1255	NC_008668	16778	ray-finned fish
1245	NC_025222	16560	tonkean macaque
1242	NC_001644	16563	bonobo
1235	NC_020591	16673	hazel grouse
1207	NC_009830	16434	powderblue surgeonfish
1206	NC_021933	15282	millipede
1201	NC_036391	16513	yellow bullhead
1180	NC_001645	16364	gorilla
1179	NC_033973	16817	terek sandpiper
1178	NC_027943	16270	peruvian scallop
1159	NC_028018	16653	white char
1135	NC_011943	16502	starry triggerfish

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1125	NC_011137	16565	neanderthal
1116	NC_012920	16569	human
1098	NC_018033	16683	blood pheasant
1081	NC_024853	16509	moonlighter fish
1078	NC_018801	16775	red-winged blackbird
1073	NC_009064	16703	indo-pacific sergeant
1066	NC_029146	17821	silvereve
1051	NC_014175	16544	peninsular horned tree lizard
1041	NC_027857	16551	bandit angelfish
1041	NC_025594	16802	long-tailed rosefinch
1039	NC_020346	17098	greenspot goby
1035	NC_032084	17165	grey burrowing snake
1024	NC_022429	16637	spectral bat
1020	NC_028290	16565	atlantic sturgeon
1014	NC_024268	17937	silver-throated bushtit
1012	NC_018804	16773	saffron-cowled blackbird
992	NC_027241	16893	goulds sunbird
981	NC_000894	20992	leishmania
980	NC_026082	17952	besra
967	NC_022827	18479	staghorn coral
944	NC_002083	16499	orangutan
943	NC_002783	16749	rhea
930	NC_032058	17827	abyssinian white-eye
900	NC_011196	16738	greylag goose
879	NC_011947	16441	spiny tailed leatherjacket
775	NC_004380	16479	goosefish
765	NC_029846	17370	lesser kestrel
547	NC_027847	17962	grey parrot
468	NC_025923	20350	Eurasian bittern
-811	NC_001722	10359	hiv-2 (virus)
-3269	NC_023248	29999	anamorphic fungus
-4239	NC_007233	5990	monkey malaria parasite
-4470	NC_035130	6363	australian mosquito
-5249	NC_001499	5894	abelson (virus)
-10060	NC_016577	2633	AbMV (virus)
-11986	NC_020099	1670	copepod