

NC_028290 — atlantic sturgeon (16565 bp)

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

score	NC	bp	common name
49130	NC_031807	16581	common carp
48347	NC_009064	16703	indo-pacific sergeant
48128	NC_030247	16603	labeonin
48007	NC_036391	16513	yellow bullhead
47349	NC_024853	16509	moonlighter fish
47325	NC_011943	16502	starry triggerfish
47121	NC_008668	16778	ray-finned fish
47073	NC_027857	16551	bandit angelfish
46963	NC_009830	16434	powderblue surgeonfish
46898	NC_010570	16433	pirarucu
46806	NC_004380	16479	goosefish
46568	NC_020346	17098	greenspot goby
46359	NC_011180	16825	flat needlefish
46279	NC_003190	16715	john dory
46129	NC_023520	16773	sand tiger shark
45912	NC_022415	16744	white shark
45900	NC_028018	16653	white char
45899	NC_004390	16508	tapetail
45806	NC_011947	16441	spiny tailed leatherjacket
44539	NC_020336	16525	tiger tail seahorse
41338	NC_026308	17298	baja california brush lizard
40491	NC_005797	16369	axolotl
40417	NC_003322	16996	common wombat
40358	NC_001788	16670	wild ass
40206	NC_006928	16408	brydes whale
40170	NC_022429	16637	spectral bat
40077	NC_006887	16375	tiger salamander
39947	NC_024820	16433	giraffe
39910	NC_008410	17277	asiatic toad
39734	NC_024052	16965	diana tarsier
39626	NC_002078	16816	aardvark
39620	NC_027241	16893	goulds sunbird
39590	NC_009692	16431	sea otter
39461	NC_023889	16386	killer whale
39385	NC_018804	16773	saffron-cowled blackbird
39346	NC_021386	16580	long-tailed chinchilla
39325	NC_008092	16729	gray wolf 1
39280	NC_009686	16757	gray wolf 2
39237	NC_005958	16016	alligator lizard
39225	NC_002008	16727	dog

score	NC	bp	common name
39196	NC_001601	16402	blue whale
39171	NC_001321	16398	fin whale
39107	NC_020648	16538	striped skunk
39040	NC_020669	17112	striped hyena
39037	NC_018801	16775	red-winged blackbird
39029	NC_001644	16563	bonobo
39005	NC_027956	16721	african golden wolf
38953	NC_035817	16490	finlaysons squirrel
38912	NC_011196	16738	greylag goose
38898	NC_002783	16749	rhea
38897	NC_015200	16939	eurasian magpie
38831	NC_002369	16507	red squirrel
38762	NC_024268	17937	silver-throated bushtit
38713	NC_027932	16232	harvest mouse
38695	NC_002083	16499	orangutan
38673	NC_005212	17047	cheetah
38655	NC_026082	17952	besra
38654	NC_016428	16263	striped field mouse
38649	NC_029846	17370	lesser kestrel
38609	NC_001700	17009	cat
38606	NC_001645	16364	gorilla
38463	NC_033973	16817	terek sandpiper
38439	NC_001602	16797	grey seal
38410	NC_029146	17821	silveryeye
38366	NC_000884	16801	guinea pig
38193	NC_025222	16560	tonkean macaque
38179	NC_032058	17827	abyssinian white-eye
38153	NC_011137	16565	neanderthal
38113	NC_000891	17019	platypus
38084	NC_012920	16569	human
38051	NC_001610	17084	virginia opossum
37996	NC_025923	20350	Eurasian bittern
37993	NC_010638	16773	snow leopard
37937	NC_028510	17271	austrolebias
37848	NC_036493	17325	Santa Barbara tree frog
37690	NC_018033	16683	blood pheasant
37576	NC_025594	16802	long-tailed rosefinch
37475	NC_027847	17962	grey parrot
37387	NC_000845	16613	wild boar
37280	NC_020591	16673	hazel grouse

score	NC	bp	common name
34748	NC_035150	18974	cat gecko
33736	NC_032084	17165	grey burrowing snake
33547	NC_014175	16544	peninsular horned tree lizard
20482	NC_023955	15782	freshwater pearl mussel
19798	NC_023248	29999	anamorphic fungus
19657	NC_026104	15804	stonefly
18834	NC_015342	15647	kudzu beetle
18776	NC_034122	14913	congo termite
18402	NC_031858	16310	pacific star shell
18176	NC_013272	16518	brown marmorated stink bug
17984	NC_014887	15599	chinese grasshopper
17812	NC_035677	16130	bean weevil
17778	NC_033906	15872	<i>Sinopodisma wulingshanensis</i>
17671	NC_029168	15326	<i>acasta sulcata</i>
17618	NC_022827	18479	staghorn coral
17613	NC_030265	15534	european mantis
17545	NC_026914	14948	water flea
17310	NC_008221	15774	asian longhorned beetle
16817	NC_015119	16803	snow scorpionfly
16534	NC_029510	15258	dancing acraea
16522	NC_029498	15281	yellow-banded acraea
16301	NC_016419	15140	east palearctic butterfly
15970	NC_014295	15895	eastern honey bee
15362	NC_027943	16270	peruvian scallop
15280	NC_000894	20992	leishmania
14845	NC_021933	15282	millipede
14774	NC_008161	14853	stony coral
13204	NC_001722	10359	hiv-2 (virus)
11916	NC_016198	14281	giant roundworm
11455	NC_019571	13913	cat lungworm
10537	NC_016197	13724	filarial nematode
5580	NC_035130	6363	australian mosquito
5369	NC_007233	5990	monkey malaria parasite
4712	NC_001499	5894	abelson (virus)
-5256	NC_016577	2633	AbMV (virus)
-8952	NC_020099	1670	copepod