

NC_011180 — flat needlefish (16825 bp)
pure LCS computation

| score | NC | bp | common name |
|--------------|-----------|-----------|--------------------------|
| 5894 | NC_001499 | 5894 | abelson (virus) |
| 4699 | NC_009686 | 16757 | gray wolf 2 |
| 4698 | NC_000894 | 20992 | leishmania |
| 4656 | NC_015119 | 16803 | snow scorpionfly |
| 4652 | NC_027956 | 16721 | african golden wolf |
| 4639 | NC_005212 | 17047 | cheetah |
| 4638 | NC_009064 | 16703 | indo-pacific sergeant |
| 4632 | NC_010570 | 16433 | pirarucu |
| 4631 | NC_006928 | 16408 | brydes whale |
| 4618 | NC_024052 | 16965 | diana tarsier |
| 4604 | NC_003190 | 16715 | john dory |
| 4594 | NC_033973 | 16817 | terek sandpiper |
| 4591 | NC_032084 | 17165 | grey burrowing snake |
| 4584 | NC_029846 | 17370 | lesser kestrel |
| 4568 | NC_005797 | 16369 | axolotl |
| 4567 | NC_031807 | 16581 | common carp |
| 4567 | NC_006887 | 16375 | tiger salamander |
| 4549 | NC_018801 | 16775 | red-winged blackbird |
| 4545 | NC_016428 | 16263 | striped field mouse |
| 4539 | NC_002783 | 16749 | rhea |
| 4535 | NC_000884 | 16801 | guinea pig |
| 4534 | NC_008092 | 16729 | gray wolf 1 |
| 4530 | NC_035150 | 18974 | cat gecko |
| 4528 | NC_022415 | 16744 | white shark |
| 4516 | NC_028510 | 17271 | austrolebias |
| 4511 | NC_020346 | 17098 | greenspot goby |
| 4501 | NC_018804 | 16773 | saffron-cowled blackbird |
| 4492 | NC_023889 | 16386 | killer whale |
| 4490 | NC_001601 | 16402 | blue whale |
| 4487 | NC_030247 | 16603 | labeonin |
| 4486 | NC_032058 | 17827 | abyssinian white-eye |
| 4486 | NC_028290 | 16565 | atlantic sturgeon |
| 4486 | NC_023248 | 29999 | anamorphic fungus |
| 4483 | NC_020648 | 16538 | striped skunk |
| 4476 | NC_027241 | 16893 | goulds sunbird |
| 4474 | NC_026082 | 17952 | besra |
| 4474 | NC_009830 | 16434 | powderblue surgeonfish |
| 4470 | NC_012920 | 16569 | human |
| 4470 | NC_008410 | 17277 | asiatic toad |
| 4464 | NC_011943 | 16502 | starry triggerfish |

| score | NC | bp | common name |
|--------------|-----------|-----------|-----------------------------|
| 4459 | NC_001788 | 16670 | wild ass |
| 4457 | NC_025222 | 16560 | tonkean macaque |
| 4455 | NC_029146 | 17821 | silveryeye |
| 4441 | NC_024268 | 17937 | silver-throated bushtit |
| 4435 | NC_027847 | 17962 | grey parrot |
| 4433 | NC_011196 | 16738 | greylag goose |
| 4426 | NC_035677 | 16130 | bean weevil |
| 4409 | NC_035817 | 16490 | finlaysons squirrel |
| 4396 | NC_036493 | 17325 | Santa Barbara tree frog |
| 4354 | NC_020591 | 16673 | hazel grouse |
| 4335 | NC_000891 | 17019 | platypus |
| 4324 | NC_031858 | 16310 | pacific star shell |
| 4320 | NC_005958 | 16016 | alligator lizard |
| 4319 | NC_027857 | 16551 | bandit angelfish |
| 4318 | NC_002083 | 16499 | orangutan |
| 4306 | NC_033906 | 15872 | Sinopodisma wulingshanensis |
| 4305 | NC_023955 | 15782 | freshwater pearl mussel |
| 4256 | NC_014887 | 15599 | chinese grasshopper |
| 4233 | NC_026104 | 15804 | stonefly |
| 4194 | NC_029510 | 15258 | dancing acraea |
| 4192 | NC_011947 | 16441 | spiny tailed leatherjacket |
| 4147 | NC_029168 | 15326 | acasta sulcata |
| 4131 | NC_022827 | 18479 | staghorn coral |
| 4013 | NC_034122 | 14913 | congo termite |
| 3978 | NC_026914 | 14948 | water flea |
| 3774 | NC_008161 | 14853 | stony coral |
| 3715 | NC_021933 | 15282 | millipede |
| 3654 | NC_019571 | 13913 | cat lungworm |
| 3652 | NC_016198 | 14281 | giant roundworm |
| 3448 | NC_016197 | 13724 | filarial nematode |
| 3354 | NC_035130 | 6363 | australian mosquito |
| 2633 | NC_016577 | 2633 | AbMV (virus) |
| 2603 | NC_001722 | 10359 | hiv-2 (virus) |
| 1670 | NC_020099 | 1670 | copepod |