

**NC\_004380 — goosefish (16479 bp)**  
basic LCS metric

| <b>score</b> | <b>NC</b> | <b>bp</b> | <b>common name</b>           |
|--------------|-----------|-----------|------------------------------|
| 13390        | NC_023248 | 29999     | anamorphic fungus            |
| 13385        | NC_024853 | 16509     | moonlighter fish             |
| 13350        | NC_009064 | 16703     | indo-pacific sergeant        |
| 13254        | NC_027857 | 16551     | bandit angelfish             |
| 13242        | NC_011943 | 16502     | starry triggerfish           |
| 13213        | NC_020346 | 17098     | greenspot goby               |
| 13202        | NC_009830 | 16434     | powderblue surgeonfish       |
| 13121        | NC_011947 | 16441     | spiny tailed leatherjacket   |
| 13083        | NC_011180 | 16825     | flat needlefish              |
| 13026        | NC_028290 | 16565     | atlantic sturgeon            |
| 12961        | NC_003190 | 16715     | john dory                    |
| 12952        | NC_004390 | 16508     | tapetail                     |
| 12937        | NC_031807 | 16581     | common carp                  |
| 12881        | NC_036391 | 16513     | yellow bullhead              |
| 12867        | NC_008668 | 16778     | ray-finned fish              |
| 12860        | NC_030247 | 16603     | labeonin                     |
| 12797        | NC_020336 | 16525     | tiger tail seahorse          |
| 12715        | NC_025923 | 20350     | Eurasian bittern             |
| 12676        | NC_022415 | 16744     | white shark                  |
| 12642        | NC_023520 | 16773     | sand tiger shark             |
| 12640        | NC_028018 | 16653     | white char                   |
| 12639        | NC_010570 | 16433     | pirarucu                     |
| 12432        | NC_026082 | 17952     | besra                        |
| 12410        | NC_024268 | 17937     | silver-throated bushtit      |
| 12390        | NC_029146 | 17821     | silveryeye                   |
| 12389        | NC_008410 | 17277     | asiatic toad                 |
| 12360        | NC_032058 | 17827     | abyssinian white-eye         |
| 12346        | NC_026308 | 17298     | baja california brush lizard |
| 12308        | NC_003322 | 16996     | common wombat                |
| 12302        | NC_022429 | 16637     | spectral bat                 |
| 12272        | NC_028510 | 17271     | austrolebias                 |
| 12256        | NC_001788 | 16670     | wild ass                     |
| 12237        | NC_027847 | 17962     | grey parrot                  |
| 12236        | NC_020669 | 17112     | striped hyena                |
| 12219        | NC_036493 | 17325     | Santa Barbara tree frog      |
| 12212        | NC_024052 | 16965     | diana tarsier                |
| 12203        | NC_015200 | 16939     | eurasian magpie              |
| 12202        | NC_006928 | 16408     | brydes whale                 |
| 12197        | NC_002078 | 16816     | aardvark                     |
| 12192        | NC_021386 | 16580     | long-tailed chinchilla       |

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|--------------|-----------|-----------|--------------------------|
| 12188        | NC.029846 | 17370     | lesser kestrel           |
| 12184        | NC.009692 | 16431     | sea otter                |
| 12170        | NC.009686 | 16757     | gray wolf 2              |
| 12169        | NC.023889 | 16386     | killer whale             |
| 12169        | NC.001700 | 17009     | cat                      |
| 12167        | NC.008092 | 16729     | gray wolf 1              |
| 12163        | NC.002008 | 16727     | dog                      |
| 12162        | NC.005212 | 17047     | cheetah                  |
| 12161        | NC.018801 | 16775     | red-winged blackbird     |
| 12153        | NC.002083 | 16499     | orangutan                |
| 12151        | NC.027956 | 16721     | african golden wolf      |
| 12149        | NC.024820 | 16433     | giraffe                  |
| 12147        | NC.027241 | 16893     | goulds sunbird           |
| 12147        | NC.011196 | 16738     | greylag goose            |
| 12138        | NC.018804 | 16773     | saffron-cowled blackbird |
| 12137        | NC.001644 | 16563     | bonobo                   |
| 12136        | NC.020648 | 16538     | striped skunk            |
| 12135        | NC.000884 | 16801     | guinea pig               |
| 12125        | NC.000891 | 17019     | platypus                 |
| 12113        | NC.025222 | 16560     | tonkean macaque          |
| 12106        | NC.002783 | 16749     | rhea                     |
| 12105        | NC.035817 | 16490     | finlaysons squirrel      |
| 12099        | NC.001610 | 17084     | virginia opossum         |
| 12096        | NC.001602 | 16797     | grey seal                |
| 12093        | NC.033973 | 16817     | terek sandpiper          |
| 12089        | NC.005797 | 16369     | axolotl                  |
| 12084        | NC.035150 | 18974     | cat gecko                |
| 12082        | NC.010638 | 16773     | snow leopard             |
| 12082        | NC.002369 | 16507     | red squirrel             |
| 12076        | NC.001601 | 16402     | blue whale               |
| 12073        | NC.001645 | 16364     | gorilla                  |
| 12061        | NC.006887 | 16375     | tiger salamander         |
| 12058        | NC.027932 | 16232     | harvest mouse            |
| 12056        | NC.001321 | 16398     | fin whale                |
| 12027        | NC.011137 | 16565     | neanderthal              |
| 12025        | NC.012920 | 16569     | human                    |
| 12007        | NC.016428 | 16263     | striped field mouse      |
| 11974        | NC.005958 | 16016     | alligator lizard         |
| 11940        | NC.025594 | 16802     | long-tailed rosefinch    |
| 11933        | NC.018033 | 16683     | blood pheasant           |

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|--------------|-----------|-----------|-------------------------------|
| 11835        | NC_032084 | 17165     | grey burrowing snake          |
| 11827        | NC_020591 | 16673     | hazel grouse                  |
| 11817        | NC_000845 | 16613     | wild boar                     |
| 11624        | NC_014175 | 16544     | peninsular horned tree lizard |
| 10789        | NC_000894 | 20992     | leishmania                    |
| 10625        | NC_022827 | 18479     | staghorn coral                |
| 10327        | NC_023955 | 15782     | freshwater pearl mussel       |
| 10299        | NC_026104 | 15804     | stonefly                      |
| 10228        | NC_031858 | 16310     | pacific star shell            |
| 10168        | NC_013272 | 16518     | brown marmorated stink bug    |
| 10085        | NC_015342 | 15647     | kudzu beetle                  |
| 10049        | NC_015119 | 16803     | snow scorpionfly              |
| 9987         | NC_033906 | 15872     | Sinopodisma wulingshanensis   |
| 9984         | NC_035677 | 16130     | bean weevil                   |
| 9951         | NC_027943 | 16270     | peruvian scallop              |
| 9920         | NC_014887 | 15599     | chinese grasshopper           |
| 9902         | NC_034122 | 14913     | congo termite                 |
| 9899         | NC_029168 | 15326     | acasta sulcata                |
| 9898         | NC_008221 | 15774     | asian longhorned beetle       |
| 9896         | NC_030265 | 15534     | european mantis               |
| 9837         | NC_026914 | 14948     | water flea                    |
| 9738         | NC_014295 | 15895     | eastern honey bee             |
| 9699         | NC_029498 | 15281     | yellow-banded acraea          |
| 9667         | NC_029510 | 15258     | dancing acraea                |
| 9604         | NC_016419 | 15140     | east palearctic butterfly     |
| 9515         | NC_021933 | 15282     | millipede                     |
| 9403         | NC_008161 | 14853     | stony coral                   |
| 8984         | NC_016198 | 14281     | giant roundworm               |
| 8800         | NC_019571 | 13913     | cat lungworm                  |
| 8626         | NC_016197 | 13724     | filarial nematode             |
| 8067         | NC_001722 | 10359     | hiv-2 (virus)                 |
| 5802         | NC_035130 | 6363      | australian mosquito           |
| 5620         | NC_007233 | 5990      | monkey malaria parasite       |
| 5511         | NC_001499 | 5894      | abelson (virus)               |
| 2633         | NC_016577 | 2633      | AbMV (virus)                  |
| 1670         | NC_020099 | 1670      | copepod                       |