

**NC\_000891 — platypus (17019 bp)**  
basic LCS metric

| <b>score</b> | <b>NC</b> | <b>bp</b> | <b>common name</b>           |
|--------------|-----------|-----------|------------------------------|
| 14153        | NC_023248 | 29999     | anamorphic fungus            |
| 13153        | NC_001610 | 17084     | virginia opossum             |
| 13109        | NC_025923 | 20350     | Eurasian bittern             |
| 13051        | NC_003322 | 16996     | common wombat                |
| 12998        | NC_024052 | 16965     | diana tarsier                |
| 12984        | NC_002078 | 16816     | aardvark                     |
| 12883        | NC_002369 | 16507     | red squirrel                 |
| 12880        | NC_009686 | 16757     | gray wolf 2                  |
| 12870        | NC_008092 | 16729     | gray wolf 1                  |
| 12868        | NC_020648 | 16538     | striped skunk                |
| 12865        | NC_002008 | 16727     | dog                          |
| 12856        | NC_035150 | 18974     | cat gecko                    |
| 12835        | NC_027956 | 16721     | african golden wolf          |
| 12825        | NC_001788 | 16670     | wild ass                     |
| 12776        | NC_000884 | 16801     | guinea pig                   |
| 12765        | NC_006928 | 16408     | brydes whale                 |
| 12757        | NC_035817 | 16490     | finlaysons squirrel          |
| 12757        | NC_024820 | 16433     | giraffe                      |
| 12729        | NC_016428 | 16263     | striped field mouse          |
| 12703        | NC_021386 | 16580     | long-tailed chinchilla       |
| 12703        | NC_005212 | 17047     | cheetah                      |
| 12696        | NC_027932 | 16232     | harvest mouse                |
| 12683        | NC_026308 | 17298     | baja california brush lizard |
| 12663        | NC_023889 | 16386     | killer whale                 |
| 12663        | NC_009692 | 16431     | sea otter                    |
| 12662        | NC_020346 | 17098     | greenspot goby               |
| 12661        | NC_023520 | 16773     | sand tiger shark             |
| 12660        | NC_020669 | 17112     | striped hyena                |
| 12639        | NC_001700 | 17009     | cat                          |
| 12626        | NC_022429 | 16637     | spectral bat                 |
| 12575        | NC_026082 | 17952     | besra                        |
| 12571        | NC_024268 | 17937     | silver-throated bushtit      |
| 12565        | NC_022415 | 16744     | white shark                  |
| 12562        | NC_001644 | 16563     | bonobo                       |
| 12534        | NC_029146 | 17821     | silvreye                     |
| 12529        | NC_025222 | 16560     | tonkean macaque              |
| 12529        | NC_011180 | 16825     | flat needlefish              |
| 12527        | NC_010638 | 16773     | snow leopard                 |
| 12526        | NC_028510 | 17271     | austrolebias                 |
| 12514        | NC_032058 | 17827     | abyssinian white-eye         |

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|--------------|-----------|-----------|----------------------------|
| 12513        | NC_001601 | 16402     | blue whale                 |
| 12498        | NC_001602 | 16797     | grey seal                  |
| 12481        | NC_001321 | 16398     | fin whale                  |
| 12480        | NC_030247 | 16603     | labeonin                   |
| 12473        | NC_020336 | 16525     | tiger tail seahorse        |
| 12458        | NC_006887 | 16375     | tiger salamander           |
| 12457        | NC_003190 | 16715     | john dory                  |
| 12453        | NC_005797 | 16369     | axolotl                    |
| 12450        | NC_001645 | 16364     | gorilla                    |
| 12448        | NC_008410 | 17277     | asiatic toad               |
| 12417        | NC_008668 | 16778     | ray-finned fish            |
| 12413        | NC_009064 | 16703     | indo-pacific sergeant      |
| 12411        | NC_036493 | 17325     | Santa Barbara tree frog    |
| 12407        | NC_031807 | 16581     | common carp                |
| 12391        | NC_015200 | 16939     | eurasian magpie            |
| 12378        | NC_002083 | 16499     | orangutan                  |
| 12359        | NC_010570 | 16433     | pirarucu                   |
| 12350        | NC_011943 | 16502     | starry triggerfish         |
| 12322        | NC_004390 | 16508     | tapetail                   |
| 12321        | NC_028290 | 16565     | atlantic sturgeon          |
| 12304        | NC_036391 | 16513     | yellow bullhead            |
| 12302        | NC_009830 | 16434     | powderblue surgeonfish     |
| 12299        | NC_027857 | 16551     | bandit angelfish           |
| 12285        | NC_012920 | 16569     | human                      |
| 12284        | NC_027847 | 17962     | grey parrot                |
| 12278        | NC_011137 | 16565     | neanderthal                |
| 12272        | NC_033973 | 16817     | terek sandpiper            |
| 12271        | NC_018804 | 16773     | saffron-cowled blackbird   |
| 12269        | NC_018801 | 16775     | red-winged blackbird       |
| 12254        | NC_029846 | 17370     | lesser kestrel             |
| 12251        | NC_027241 | 16893     | goulds sunbird             |
| 12250        | NC_024853 | 16509     | moonlighter fish           |
| 12235        | NC_000845 | 16613     | wild boar                  |
| 12183        | NC_002783 | 16749     | rhea                       |
| 12153        | NC_011196 | 16738     | greylag goose              |
| 12132        | NC_011947 | 16441     | spiny tailed leatherjacket |
| 12125        | NC_004380 | 16479     | goosefish                  |
| 12107        | NC_005958 | 16016     | alligator lizard           |
| 11965        | NC_032084 | 17165     | grey burrowing snake       |
| 11901        | NC_018033 | 16683     | blood pheasant             |

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|--------------|-----------|-----------|------------------------------------|
| 11889        | NC_020591 | 16673     | hazel grouse                       |
| 11873        | NC_025594 | 16802     | long-tailed rosefinch              |
| 11847        | NC_014175 | 16544     | peninsular horned tree lizard      |
| 11836        | NC_028018 | 16653     | white char                         |
| 11731        | NC_000894 | 20992     | leishmania                         |
| 11166        | NC_022827 | 18479     | staghorn coral                     |
| 10984        | NC_015119 | 16803     | snow scorpionfly                   |
| 10928        | NC_013272 | 16518     | brown marmorated stink bug         |
| 10759        | NC_031858 | 16310     | pacific star shell                 |
| 10743        | NC_035677 | 16130     | bean weevil                        |
| 10690        | NC_008221 | 15774     | asian longhorned beetle            |
| 10689        | NC_033906 | 15872     | <i>Sinopodisma wulingshanensis</i> |
| 10680        | NC_014295 | 15895     | eastern honey bee                  |
| 10673        | NC_023955 | 15782     | freshwater pearl mussel            |
| 10671        | NC_026104 | 15804     | stonefly                           |
| 10625        | NC_030265 | 15534     | european mantis                    |
| 10607        | NC_015342 | 15647     | kudzu beetle                       |
| 10600        | NC_014887 | 15599     | chinese grasshopper                |
| 10536        | NC_029168 | 15326     | <i>acasta sulcata</i>              |
| 10487        | NC_029498 | 15281     | yellow-banded acraea               |
| 10469        | NC_029510 | 15258     | dancing acraea                     |
| 10451        | NC_016419 | 15140     | east palearctic butterfly          |
| 10316        | NC_026914 | 14948     | water flea                         |
| 10309        | NC_034122 | 14913     | congo termite                      |
| 10290        | NC_027943 | 16270     | peruvian scallop                   |
| 9996         | NC_021933 | 15282     | millipede                          |
| 9971         | NC_008161 | 14853     | stony coral                        |
| 9630         | NC_016198 | 14281     | giant roundworm                    |
| 9481         | NC_019571 | 13913     | cat lungworm                       |
| 9347         | NC_016197 | 13724     | filarial nematode                  |
| 8126         | NC_001722 | 10359     | hiv-2 (virus)                      |
| 5776         | NC_035130 | 6363      | australian mosquito                |
| 5718         | NC_007233 | 5990      | monkey malaria parasite            |
| 5425         | NC_001499 | 5894      | abelson (virus)                    |
| 2633         | NC_016577 | 2633      | AbMV (virus)                       |
| 1670         | NC_020099 | 1670      | copepod                            |