

NC_001499 — abelson (virus) (5894 bp)
 LCS with gap/mismatch penalty of -1

| score | NC | bp | common name |
|--------------|-----------|-----------|----------------------------|
| 500 | NC_035130 | 6363 | australian mosquito |
| 135 | NC_007233 | 5990 | monkey malaria parasite |
| -1036 | NC_001722 | 10359 | hiv-2 (virus) |
| -1302 | NC_016577 | 2633 | AbMV (virus) |
| -2610 | NC_020099 | 1670 | copepod |
| -4613 | NC_034122 | 14913 | congo termite |
| -4662 | NC_026914 | 14948 | water flea |
| -4708 | NC_016197 | 13724 | filarial nematode |
| -4719 | NC_019571 | 13913 | cat lungworm |
| -4938 | NC_016198 | 14281 | giant roundworm |
| -4957 | NC_008161 | 14853 | stony coral |
| -5249 | NC_029168 | 15326 | acasta sulcata |
| -5252 | NC_026104 | 15804 | stonefly |
| -5265 | NC_023955 | 15782 | freshwater pearl mussel |
| -5293 | NC_005958 | 16016 | alligator lizard |
| -5377 | NC_021933 | 15282 | millipede |
| -5420 | NC_015342 | 15647 | kudzu beetle |
| -5437 | NC_011947 | 16441 | spiny tailed leatherjacket |
| -5480 | NC_009830 | 16434 | powderblue surgeonfish |
| -5503 | NC_004380 | 16479 | goosefish |
| -5533 | NC_024853 | 16509 | moonlighter fish |
| -5550 | NC_028290 | 16565 | atlantic sturgeon |
| -5551 | NC_027932 | 16232 | harvest mouse |
| -5553 | NC_027857 | 16551 | bandit angelfish |
| -5560 | NC_009692 | 16431 | sea otter |
| -5573 | NC_001645 | 16364 | gorilla |
| -5585 | NC_011943 | 16502 | starry triggerfish |
| -5588 | NC_016428 | 16263 | striped field mouse |
| -5599 | NC_001321 | 16398 | fin whale |
| -5608 | NC_001601 | 16402 | blue whale |
| -5612 | NC_010570 | 16433 | pirarucu |
| -5619 | NC_031807 | 16581 | common carp |
| -5625 | NC_004390 | 16508 | tapetail |
| -5629 | NC_036391 | 16513 | yellow bullhead |
| -5636 | NC_024820 | 16433 | giraffe |
| -5641 | NC_006928 | 16408 | brydes whale |
| -5643 | NC_027943 | 16270 | peruvian scallop |
| -5644 | NC_023889 | 16386 | killer whale |
| -5655 | NC_028018 | 16653 | white char |
| -5699 | NC_002083 | 16499 | orangutan |

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|--------------|-----------|-----------|-------------------------------|
| -5706 | NC_030247 | 16603 | labeonin |
| -5708 | NC_035817 | 16490 | finlaysons squirrel |
| -5708 | NC_022429 | 16637 | spectral bat |
| -5717 | NC_009064 | 16703 | indo-pacific sergeant |
| -5732 | NC_014175 | 16544 | peninsular horned tree lizard |
| -5732 | NC_011196 | 16738 | greylag goose |
| -5741 | NC_031858 | 16310 | pacific star shell |
| -5745 | NC_025222 | 16560 | tonkean macaque |
| -5747 | NC_020648 | 16538 | striped skunk |
| -5747 | NC_014887 | 15599 | chinese grasshopper |
| -5749 | NC_012920 | 16569 | human |
| -5751 | NC_020336 | 16525 | tiger tail seahorse |
| -5751 | NC_011137 | 16565 | neanderthal |
| -5755 | NC_001644 | 16563 | bonobo |
| -5773 | NC_002369 | 16507 | red squirrel |
| -5779 | NC_002783 | 16749 | rhea |
| -5784 | NC_030265 | 15534 | european mantis |
| -5799 | NC_018801 | 16775 | red-winged blackbird |
| -5801 | NC_018804 | 16773 | saffron-cowled blackbird |
| -5801 | NC_000845 | 16613 | wild boar |
| -5802 | NC_021386 | 16580 | long-tailed chinchilla |
| -5805 | NC_002008 | 16727 | dog |
| -5805 | NC_001788 | 16670 | wild ass |
| -5818 | NC_008092 | 16729 | gray wolf 1 |
| -5818 | NC_001602 | 16797 | grey seal |
| -5821 | NC_027956 | 16721 | african golden wolf |
| -5822 | NC_006887 | 16375 | tiger salamander |
| -5823 | NC_005797 | 16369 | axolotl |
| -5828 | NC_008668 | 16778 | ray-finned fish |
| -5831 | NC_003190 | 16715 | john dory |
| -5840 | NC_018033 | 16683 | blood pheasant |
| -5842 | NC_020591 | 16673 | hazel grouse |
| -5842 | NC_009686 | 16757 | gray wolf 2 |
| -5849 | NC_025594 | 16802 | long-tailed rosefinch |
| -5863 | NC_033973 | 16817 | terek sandpiper |
| -5871 | NC_010638 | 16773 | snow leopard |
| -5884 | NC_027241 | 16893 | goulds sunbird |
| -5889 | NC_000884 | 16801 | guinea pig |
| -5917 | NC_022415 | 16744 | white shark |
| -5921 | NC_015200 | 16939 | eurasian magpie |

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|--------------|-----------|-----------|------------------------------|
| -5935 | NC_011180 | 16825 | flat needlefish |
| -5952 | NC_029510 | 15258 | dancing acraea |
| -5972 | NC_029498 | 15281 | yellow-banded acraea |
| -5976 | NC_023520 | 16773 | sand tiger shark |
| -5979 | NC_033906 | 15872 | Sinopodisma wulingshanensis |
| -5992 | NC_002078 | 16816 | aardvark |
| -6013 | NC_016419 | 15140 | east palearctic butterfly |
| -6064 | NC_001700 | 17009 | cat |
| -6107 | NC_020346 | 17098 | greenspot goby |
| -6114 | NC_005212 | 17047 | cheetah |
| -6123 | NC_024052 | 16965 | diana tarsier |
| -6142 | NC_003322 | 16996 | common wombat |
| -6143 | NC_020669 | 17112 | striped hyena |
| -6184 | NC_008221 | 15774 | asian longhorned beetle |
| -6190 | NC_008410 | 17277 | asiatic toad |
| -6204 | NC_000891 | 17019 | platypus |
| -6293 | NC_032084 | 17165 | grey burrowing snake |
| -6306 | NC_036493 | 17325 | Santa Barbara tree frog |
| -6391 | NC_035677 | 16130 | bean weevil |
| -6398 | NC_026308 | 17298 | baja california brush lizard |
| -6401 | NC_028510 | 17271 | austrolebias |
| -6413 | NC_001610 | 17084 | virginia opossum |
| -6426 | NC_029846 | 17370 | lesser kestrel |
| -6515 | NC_013272 | 16518 | brown marmorated stink bug |
| -6673 | NC_032058 | 17827 | abyssinian white-eye |
| -6694 | NC_029146 | 17821 | silveryeye |
| -6769 | NC_024268 | 17937 | silver-throated bushtit |
| -6830 | NC_027847 | 17962 | grey parrot |
| -6886 | NC_026082 | 17952 | besra |
| -6908 | NC_014295 | 15895 | eastern honey bee |
| -7326 | NC_015119 | 16803 | snow scorpionfly |
| -7621 | NC_022827 | 18479 | staghorn coral |
| -7913 | NC_035150 | 18974 | cat gecko |
| -9104 | NC_025923 | 20350 | Eurasian bittern |
| -10765 | NC_000894 | 20992 | leishmania |
| -18211 | NC_023248 | 29999 | anamorphic fungus |