

NC_001700 — cat (17009 bp)

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

| score | NC | bp | common name |
|--------------|-----------|-----------|------------------------------|
| 69746 | NC_005212 | 17047 | cheetah |
| 66279 | NC_010638 | 16773 | snow leopard |
| 59303 | NC_020669 | 17112 | striped hyena |
| 55815 | NC_001602 | 16797 | grey seal |
| 51785 | NC_009692 | 16431 | sea otter |
| 51747 | NC_008092 | 16729 | gray wolf 1 |
| 51692 | NC_009686 | 16757 | gray wolf 2 |
| 51687 | NC_002008 | 16727 | dog |
| 51552 | NC_027956 | 16721 | african golden wolf |
| 51530 | NC_000845 | 16613 | wild boar |
| 50839 | NC_001788 | 16670 | wild ass |
| 50683 | NC_020648 | 16538 | striped skunk |
| 50605 | NC_001601 | 16402 | blue whale |
| 50236 | NC_001321 | 16398 | fin whale |
| 49806 | NC_024820 | 16433 | giraffe |
| 48852 | NC_006928 | 16408 | brydes whale |
| 47796 | NC_023889 | 16386 | killer whale |
| 47132 | NC_024052 | 16965 | diana tarsier |
| 47029 | NC_035817 | 16490 | finlaysons squirrel |
| 46901 | NC_002369 | 16507 | red squirrel |
| 46416 | NC_022429 | 16637 | spectral bat |
| 46357 | NC_002078 | 16816 | aardvark |
| 45820 | NC_011137 | 16565 | neanderthal |
| 45795 | NC_012920 | 16569 | human |
| 45303 | NC_016428 | 16263 | striped field mouse |
| 44931 | NC_027932 | 16232 | harvest mouse |
| 44896 | NC_021386 | 16580 | long-tailed chinchilla |
| 44556 | NC_001644 | 16563 | bonobo |
| 44456 | NC_000884 | 16801 | guinea pig |
| 43993 | NC_001645 | 16364 | gorilla |
| 43427 | NC_002083 | 16499 | orangutan |
| 42886 | NC_025222 | 16560 | tonkean macaque |
| 42791 | NC_003322 | 16996 | common wombat |
| 42069 | NC_001610 | 17084 | virginia opossum |
| 41244 | NC_000891 | 17019 | platypus |
| 39331 | NC_026308 | 17298 | baja california brush lizard |
| 39278 | NC_030247 | 16603 | labeonin |
| 39081 | NC_023520 | 16773 | sand tiger shark |
| 39073 | NC_031807 | 16581 | common carp |
| 38846 | NC_022415 | 16744 | white shark |

| score | NC | bp | common name |
|--------------|-----------|-----------|----------------------------|
| 38746 | NC_011943 | 16502 | starry triggerfish |
| 38609 | NC_028290 | 16565 | atlantic sturgeon |
| 38506 | NC_020336 | 16525 | tiger tail seahorse |
| 38383 | NC_011180 | 16825 | flat needlefish |
| 38314 | NC_010570 | 16433 | pirarucu |
| 38273 | NC_009830 | 16434 | powderblue surgeonfish |
| 38191 | NC_018033 | 16683 | blood pheasant |
| 38146 | NC_028018 | 16653 | white char |
| 37965 | NC_025594 | 16802 | long-tailed rosefinch |
| 37866 | NC_009064 | 16703 | indo-pacific sergeant |
| 37835 | NC_020591 | 16673 | hazel grouse |
| 37766 | NC_020346 | 17098 | greenspot goby |
| 37736 | NC_005797 | 16369 | axolotl |
| 37606 | NC_006887 | 16375 | tiger salamander |
| 37603 | NC_008668 | 16778 | ray-finned fish |
| 37550 | NC_036391 | 16513 | yellow bullhead |
| 37537 | NC_024853 | 16509 | moonlighter fish |
| 37475 | NC_027857 | 16551 | bandit angelfish |
| 37371 | NC_003190 | 16715 | john dory |
| 37320 | NC_005958 | 16016 | alligator lizard |
| 37248 | NC_027847 | 17962 | grey parrot |
| 37093 | NC_004390 | 16508 | tapetail |
| 36839 | NC_004380 | 16479 | goosefish |
| 36781 | NC_027241 | 16893 | goulds sunbird |
| 36644 | NC_015200 | 16939 | eurasian magpie |
| 36602 | NC_018801 | 16775 | red-winged blackbird |
| 36550 | NC_002783 | 16749 | rhea |
| 36539 | NC_018804 | 16773 | saffron-cowled blackbird |
| 36493 | NC_011196 | 16738 | greylag goose |
| 36392 | NC_011947 | 16441 | spiny tailed leatherjacket |
| 36238 | NC_008410 | 17277 | asiatic toad |
| 36220 | NC_026082 | 17952 | besra |
| 36175 | NC_029146 | 17821 | silveryeye |
| 36143 | NC_024268 | 17937 | silver-throated bushtit |
| 36072 | NC_033973 | 16817 | terek sandpiper |
| 35932 | NC_032058 | 17827 | abyssinian white-eye |
| 35676 | NC_029846 | 17370 | lesser kestrel |
| 35584 | NC_036493 | 17325 | Santa Barbara tree frog |
| 35428 | NC_025923 | 20350 | Eurasian bittern |
| 34625 | NC_028510 | 17271 | austrolebias |

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|--------------|-----------|-----------|-------------------------------|
| 33520 | NC_035150 | 18974 | cat gecko |
| 32215 | NC_032084 | 17165 | grey burrowing snake |
| 32008 | NC_014175 | 16544 | peninsular horned tree lizard |
| 23237 | NC_023248 | 29999 | anamorphic fungus |
| 21524 | NC_023955 | 15782 | freshwater pearl mussel |
| 20879 | NC_015342 | 15647 | kudzu beetle |
| 20776 | NC_026104 | 15804 | stonefly |
| 20658 | NC_013272 | 16518 | brown marmorated stink bug |
| 20336 | NC_033906 | 15872 | Sinopodisma wulingshanensis |
| 20262 | NC_014887 | 15599 | chinese grasshopper |
| 20195 | NC_030265 | 15534 | european mantis |
| 20104 | NC_034122 | 14913 | congo termite |
| 20001 | NC_029168 | 15326 | acasta sulcata |
| 19883 | NC_035677 | 16130 | bean weevil |
| 19865 | NC_031858 | 16310 | pacific star shell |
| 19850 | NC_015119 | 16803 | snow scorpionfly |
| 19833 | NC_008221 | 15774 | asian longhorned beetle |
| 19453 | NC_014295 | 15895 | eastern honey bee |
| 19215 | NC_029498 | 15281 | yellow-banded acraea |
| 19146 | NC_029510 | 15258 | dancing acraea |
| 18955 | NC_022827 | 18479 | staghorn coral |
| 18948 | NC_016419 | 15140 | east palearctic butterfly |
| 18937 | NC_026914 | 14948 | water flea |
| 18796 | NC_000894 | 20992 | leishmania |
| 16149 | NC_027943 | 16270 | peruvian scallop |
| 15996 | NC_008161 | 14853 | stony coral |
| 15558 | NC_021933 | 15282 | millipede |
| 13687 | NC_016198 | 14281 | giant roundworm |
| 13161 | NC_019571 | 13913 | cat lungworm |
| 13149 | NC_001722 | 10359 | hiv-2 (virus) |
| 12401 | NC_016197 | 13724 | filarial nematode |
| 5392 | NC_007233 | 5990 | monkey malaria parasite |
| 4947 | NC_035130 | 6363 | australian mosquito |
| 3904 | NC_001499 | 5894 | abelson (virus) |
| -5672 | NC_016577 | 2633 | AbMV (virus) |
| -9508 | NC_020099 | 1670 | copepod |