

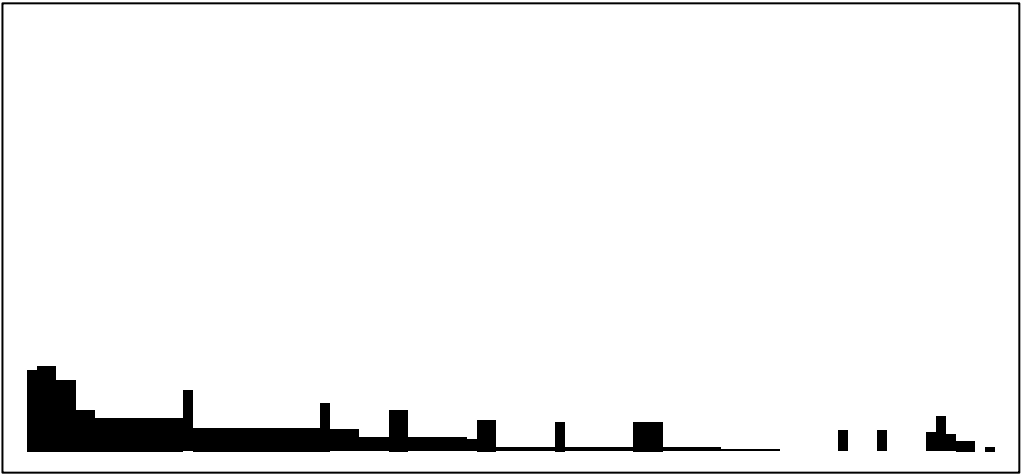
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Suillus tomentosus

Suillaceae

Boletales

83.82



| | | | | | | | |
|---|----------|-------|-------|-------------|-------------|------------------|---|
| Suillus tomentosus voucher TRTC156486 cytochrome o | JN029512 | 83.82 | 94.01 | 1.84804e-53 | Boletales | Suillaceae | Suillus tomentosus |
| Suillus pictus voucher TRTC156886 cytochrome oxida | JN029511 | 84 | 92.17 | 6.45029e-53 | Boletales | Suillaceae | Suillus pictus |
| Suillus paluster voucher TRTC156531 cytochrome oxi | JN029510 | 84 | 92.17 | 6.45029e-53 | Boletales | Suillaceae | Suillus paluster |
| Suillus cavipes voucher TRTC156474 cytochrome oxid | JN029509 | 83.33 | 94.01 | 2.25137e-52 | Boletales | Suillaceae | Suillus cavipes |
| Suillus cavipes voucher TRTC156940 cytochrome oxid | JN029508 | 83.33 | 94.01 | 2.25137e-52 | Boletales | Suillaceae | Suillus cavipes |
| Xerocomus aff. subtomentosus TRTC156462 cytochrome | JN029525 | 81.94 | 99.54 | 7.85806e-52 | Boletales | Boletaceae | Xerocomus aff. subtomentosus TRTC156462 |
| Xerocomus aff. subtomentosus TRTC156926 cytochrome | JN029524 | 81.94 | 99.54 | 7.85806e-52 | Boletales | Boletaceae | Xerocomus aff. subtomentosus TRTC156926 |
| Lentinus sajor-caju strain D1944 cytochrome oxidas | EU593180 | 81.57 | 100 | 2.74273e-51 | Polyporales | Lentinaceae | Lentinus sajor-caju |
| Lentinus sajor-caju strain D1825 cytochrome oxidas | EU593179 | 81.57 | 100 | 2.74273e-51 | Polyporales | Lentinaceae | Lentinus sajor-caju |
| Pleurotus pulmonarius var. pulmonarius strain BM24 | EU593177 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus pulmonarius var. pulmonarius |
| Pleurotus pulmonarius var. pulmonarius strain D198 | EU593176 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus pulmonarius var. pulmonarius |
| Pleurotus pulmonarius var. pulmonarius strain D197 | EU593173 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus pulmonarius var. pulmonarius |
| Pleurotus pulmonarius var. pulmonarius strain D174 | EU593172 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus pulmonarius var. pulmonarius |
| Pleurotus pulmonarius var. pulmonarius strain D172 | EU593171 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus pulmonarius var. pulmonarius |
| Pleurotus pulmonarius var. pulmonarius strain D480 | EU593170 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus pulmonarius var. pulmonarius |
| Pleurotus ostreatus strain D261.7 cytochrome oxida | EU593160 | 81.57 | 100 | 2.74273e-51 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Uncultured fungus mitochondrial partial cox1 gene | FN640543 | 82.84 | 94.01 | 9.57308e-51 | | | uncultured fungus |
| Phylloporus rhodoxanthus voucher BD374 cytochrome | JN029482 | 81.11 | 100 | 1.16624e-49 | Boletales | Boletaceae | Phylloporus rhodoxanthus |
| Paxillus involutus voucher JS06-7 cytochrome oxida | JN029478 | 81.11 | 100 | 1.16624e-49 | Boletales | Paxillaceae | Paxillus involutus |
| Boletus pallidus voucher BD354 cytochrome oxidase | JN029392 | 81.11 | 100 | 1.16624e-49 | Boletales | Boletaceae | Boletus pallidus |
| Xerocomus badius voucher TRTC156983 cytochrome oxi | JN029372 | 81.11 | 100 | 1.16624e-49 | Boletales | Boletaceae | Xerocomus badius |
| Xerocomus badius voucher TRTC156987 cytochrome oxi | JN029371 | 81.11 | 100 | 1.16624e-49 | Boletales | Boletaceae | Xerocomus badius |
| Pleurotus populinus strain BM4146 cytochrome oxida | EU593186 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus populinus |
| Pleurotus populinus strain D2212 cytochrome oxidas | EU593185 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus populinus |
| Pleurotus populinus strain D399 cytochrome oxidase | EU593184 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus populinus |
| Pleurotus ostreatus strain D2308.1 cytochrome oxid | EU593168 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus strain D1171 cytochrome oxidas | EU593166 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus strain D547 cytochrome oxidase | EU593164 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus strain D332.2 cytochrome oxida | EU593162 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus strain D261.4 cytochrome oxida | EU593159 | 81.11 | 100 | 1.16624e-49 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Ganoderma resinaceum voucher TRTC155548 cytochrome | JN029437 | 82.27 | 93.55 | 4.07058e-49 | Polyporales | Ganodermataceae | Ganoderma resinaceum |
| Uncultured fungus mitochondrial partial cox1 gene | FN640526 | 81.02 | 99.54 | 4.07058e-49 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial cox1 gene | FN640522 | 81.02 | 99.54 | 4.07058e-49 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial cox1 gene | FN640503 | 81.02 | 99.54 | 4.07058e-49 | | | uncultured fungus |
| Hebeloma crustuliniforme voucher TRTC156522 cytoch | JN029439 | 80.65 | 100 | 1.42077e-48 | Agaricales | Cortinariaceae | Hebeloma crustuliniforme |
| Collybia tuberosa voucher TRTC156520 cytochrome oxi | JN029420 | 80.65 | 100 | 1.42077e-48 | Agaricales | Tricholomataceae | Collybia tuberosa |
| Clitocybe sp. TRTC155614 cytochrome oxidase subuni | JN029410 | 80.65 | 100 | 1.42077e-48 | Agaricales | Tricholomataceae | Clitocybe sp. MRD022-08 |
| Uncultured fungus mitochondrial partial mRNA for c | FN600331 | 81.95 | 94.47 | 1.42077e-48 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial mRNA for c | FN600302 | 81.95 | 94.47 | 1.42077e-48 | | | uncultured fungus |
| Pleurotus abieticola strain D2331 cytochrome oxida | EU593183 | 80.65 | 100 | 1.42077e-48 | Agaricales | Pleurotaceae | Pleurotus abieticola |
| Pleurotus abieticola strain D2310 cytochrome oxida | EU593182 | 80.65 | 100 | 1.42077e-48 | Agaricales | Pleurotaceae | Pleurotus abieticola |
| Pleurotus ostreatus strain D1742 cytochrome oxidas | EU593167 | 80.65 | 100 | 1.42077e-48 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus strain D330 cytochrome oxidase | EU593161 | 80.65 | 100 | 1.42077e-48 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus cytochrome oxidase subunit 1 (| EU593158 | 80.65 | 100 | 1.42077e-48 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Pleurotus ostreatus mitochondrion, complete genome | EF204913 | 80.65 | 100 | 1.42077e-48 | Agaricales | Pleurotaceae | Pleurotus ostreatus |
| Uncultured fungus mitochondrial partial cox1 gene | FN640515 | 80.56 | 99.54 | 4.95898e-48 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial mRNA for c | FN600253 | 81.46 | 94.47 | 1.73085e-47 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial mRNA for c | FN600237 | 81.46 | 94.47 | 1.73085e-47 | | | uncultured fungus |
| Tricholoma leucophyllum voucher TRTC150955 cytochr | JN029520 | 80.18 | 100 | 6.04127e-47 | Agaricales | Tricholomataceae | Tricholoma leucophyllum |
| Pluteus pellitus voucher TRTC051178 cytochrome oxi | JN029493 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pluteaceae | Pluteus pellitus |
| Pluteus curtisii voucher TRTC154080 cytochrome oxi | JN029491 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pluteaceae | Pluteus curtisii |
| Pluteus cervinus voucher TRTC52142 cytochrome oxid | JN029488 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pluteaceae | Pluteus cervinus |
| Pluteus sp. Bil07-39 cytochrome oxidase subunit 1 | JN029483 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pluteaceae | Pluteus sp. YYY002-10 |
| Lepista nuda voucher TRTC155545 cytochrome oxidase | JN029473 | 80.18 | 100 | 6.04127e-47 | Agaricales | Tricholomataceae | Lepista nuda |
| Hygrocybe cf. ceracea TRTC156925 cytochrome oxidas | JN029440 | 81.37 | 94.01 | 6.04127e-47 | Agaricales | Hygrophoraceae | Hygrocybe cf. ceracea TRTC156925 |
| Entoloma aff. sericeonitidum MD_JS06_18 cytochrome | JN029430 | 80.18 | 100 | 6.04127e-47 | Agaricales | Entolomataceae | Entoloma aff. sericionitidum MUSH143-07 |
| Collybia cirrhata voucher MD_HP06_95a cytochrome o | JN029418 | 80.18 | 100 | 6.04127e-47 | Agaricales | Tricholomataceae | Collybia cirrhata |
| Collybia cirrhata voucher MD_HP06_93 cytochrome ox | JN029417 | 80.18 | 100 | 6.04127e-47 | Agaricales | Tricholomataceae | Collybia cirrhata |
| Clitocybe robusta voucher TRTC155485 cytochrome ox | JN029414 | 80.18 | 100 | 6.04127e-47 | Agaricales | Tricholomataceae | Clitocybe robusta |
| Clitocybe robusta voucher TRTC155582 cytochrome ox | JN029413 | 80.18 | 100 | 6.04127e-47 | Agaricales | Tricholomataceae | Clitocybe robusta |
| Boletus nobilis voucher BD239 cytochrome oxidase s | JN029387 | 80.18 | 100 | 6.04127e-47 | Boletales | Boletaceae | Boletus nobilis |
| Boletus floridanus voucher BD368 cytochrome oxidas | JN029384 | 80.18 | 100 | 6.04127e-47 | Boletales | Boletaceae | Boletus floridanus |
| Uncultured fungus mitochondrial partial cox1 gene | FN640545 | 81.37 | 94.01 | 6.04127e-47 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial cox1 gene | FN640502 | 81.37 | 94.01 | 6.04127e-47 | | | uncultured fungus |
| Trametes cingulata strain ATCC 26747 mitochondrion | GU723273 | 81.37 | 94.01 | 6.04127e-47 | Polyporales | Coriolaceae | Trametes cingulata |
| Pleurotus eryngii cytochrome oxidase subunit 1 (CO | EU593157 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pleurotaceae | Pleurotus eryngii |
| Pleurotus eryngii strain D1832.6 cytochrome oxidas | EU593156 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pleurotaceae | Pleurotus eryngii |
| Pleurotus eryngii strain D1832.1 cytochrome oxidas | EU593155 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pleurotaceae | Pleurotus eryngii |
| Pleurotus fossulatus strain D625.5 cytochrome oxid | EU593154 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pleurotaceae | Pleurotus fossulatus |
| Pleurotus fossulatus strain D1822.7 cytochrome oxi | EU593153 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pleurotaceae | Pleurotus fossulatus |
| Pleurotus fossulatus strain D1821 cytochrome oxida | EU593152 | 80.18 | 100 | 6.04127e-47 | Agaricales | Pleurotaceae | Pleurotus fossulatus |
| Boletus rex-veris voucher JFA13101 cytochrome oxid | JN029400 | 80.09 | 99.54 | 2.10861e-46 | Boletales | Boletaceae | Boletus rex-veris |
| Boletus rex-veris voucher SNF326 cytochrome oxidas | JN029399 | 80.09 | 99.54 | 2.10861e-46 | Boletales | Boletaceae | Boletus rex-veris |
| Boletus edulis voucher TRTC156924 cytochrome oxida | JN029383 | 80.09 | 99.54 | 2.10861e-46 | Boletales | Boletaceae | Boletus edulis |
| Boletus edulis voucher BD300 cytochrome oxidase su | JN029378 | 80.09 | 99.54 | 2.10861e-46 | Boletales | Boletaceae | Boletus edulis |
| Boletus edulis voucher BD298 cytochrome oxidase su | JN029379 | 80.09 | 99.54 | 2.10861e-46 | Boletales | Boletaceae | Boletus edulis |
| Boletus edulis voucher Trudell0328709 cytochrome o | JN029373 | 80.09 | 99.54 | 2.10861e-46 | Boletales | Boletaceae | Boletus edulis |
| Psathyrella aff. gracilis TRTC155527 cytochrome ox | JN029499 | 79.72 | 100 | 7.35978e-46 | Agaricales | Psathyrellaceae | Psathyrella aff. gracilis TRTC155527 |
| Psathyrella aff. gracilis TRTC155531 cytochrome ox | JN029498 | 79.72 | 100 | 7.35978e-46 | Agaricales | Psathyrellaceae | Psathyrella aff. gracilis TRTC155531 |
| Pluteus cervinus voucher MD_JS06_10 cytochrome oxi | JN029489 | 79.72 | 100 | 7.35978e-46 | Agaricales | Pluteaceae | Pluteus cervinus |
| Pluteus cervinus voucher TRTC156866 cytochrome oxi | JN029484 | 79.72 | 100 | 7.35978e-46 | Agaricales | Pluteaceae | Pluteus cervinus |
| Entolomataceae sp. TRTC156479 cytochrome oxidase s | JN029436 | 79.72 | 100 | 7.35978e-46 | Agaricales | Entolomataceae | Entolomataceae sp. TRTC156479 |
| Entolomataceae sp. TRTC156478 cytochrome oxidase s | JN029435 | 79.72 | 100 | 7.35978e-46 | Agaricales | Entolomataceae | Entolomataceae sp. TRTC156478 |
| Cortinarius cf. violaceus TRTC155606 cytochrome ox | JN029425 | 80.98 | 94.47 | 7.35978e-46 | Agaricales | Cortinariaceae | Cortinarius cf. violaceus TRTC155606 |
| Boletus varipes voucher BD369 cytochrome oxidase | JN029405 | 79.72 | 100 | 7.35978e-46 | Boletales | Boletaceae | Boletus varipes |
| Boletus subcaerulescens voucher BD150 cytochrome o | JN029404 | 79.72 | 100 | 7.35978e-46 | Boletales | Boletaceae | Boletus subcaerulescens |
| Uncultured fungus mitochondrial partial mRNA for c | FN600285 | 79.72 | 100 | 7.35978e-46 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial mRNA for c | FN600268 | 80.98 | 94.47 | 7.35978e-46 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial mRNA for c | FN600235 | 79.72 | 100 | 7.35978e-46 | | | uncultured fungus |
| Psathyrella cf. hydrophila TRTC155552 cytochrome o | JN029501 | 79.63 | 99.54 | 2.56881e-45 | Agaricales | Psathyrellaceae | Psathyrella cf. hydrophila TRTC155552 |
| Boletus regineus voucher WILLITS1 cytochrome oxida | JN029394 | 79.63 | 99.54 | 2.56881e-45 | Boletales | Boletaceae | Boletus regineus |
| Boletus hiratsukae voucher EN9282 cytochrome oxida | JN029385 | 79.63 | 99.54 | 2.56881e-45 | Boletales | Boletaceae | Boletus hiratsukae |
| Uncultured fungus mitochondrial partial mRNA for c | FN600249 | 80.88 | 94.01 | 2.56881e-45 | | | uncultured fungus |
| Uncultured fungus mitochondrial partial mRNA for c | FN600236 | 81.63 | 90.32 | 2.56881e-45 | | | uncultured fungus |
| Heterobasidion irregulare strain TC 32-1 mitochond | KF957635 | 80.79 | 93.55 | 8.96605e-45 | Russulales | Bondarzewiaceae | Heterobasidion irregulare |
| Cortinarius sp. TRTC156946 cytochrome oxidase subu | JN029422 | 80.49 | 94.47 | 8.96605e-45 | Agaricales | Cortinariaceae | Cortinarius sp. TRTC156946 |
| Uncultured fungus mitochondrial partial cox1 gene | FN640534 | 80.49 | 94.47 | 8.96605e-45 | | | uncultured fungus |
| Tricholoma matsutake mitochondrion, complete genom | JX985789 | 79.26 | 100 | 3.12946e-44 | Agaricales | Tricholomataceae | Tricholoma matsutake |
| Xerocomus sp. TH8408 cytochrome oxidase subunit 1 | JN029526 | 80.19 | 95.39 | 3.12946e-44 | Boletales | Boletaceae | Xerocomus sp. TH8408 |
| Tricholoma inamoenum voucher TRTC156918 cytochrome | JN029518 | 79.26 | 100 | 3.12946e-44 | Agaricales | Tricholomataceae | Tricholoma inamoenum |