

1 **FUNGI**

- 2 >Galerina marginata_AOX_A0A067TS33
- 3 >Absidia idahoensis_AOX_A0A077X462
- 4 >Rhizopus delemar_AOX_1CQV1
- 5 >Ceriporiopsis subvermispora_AOX_M2QSD3
- 6 >Laccaria bicolor_B0CVV3
- 7 >Agaricus bisporus_K5X8R3
- 8 >Cryptococcus gattii_E6R040
- 9 >Talaromyces stipitatus_B8LT09
- 10 >Coccidioides posadasii_C5PHD7
- 11 >Macrophomina phaseolina_K2S5D4
- 12 >Gelasinospora_sp_Q8J1Z2
- 13 >Neurospora crassa_Q7S371
- 14 >Candida albicans_AOX1_AAC98914.1
- 15 >Candida albicans_AOX2_AAF21993.1
- 16 >Trachipleistophora hominis_D5JAJ1
- 17 >Nematocida parisii_I3EP00
- 18 >Spraguea lophii_S7WC03
- 19 >Batrachochytrium dendrobatidis_F4P6T0
- 20 >Lichtheimia corymbifera_CDH55114
- 21 >Mucor circinelloides_S2JKA7
- 22 >Rozella allomycis_CSF55

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24 **PLANTS**

- 25 >Arabidopsis lyrata_AOX1a_AL3G24690
- 26 >Arabidopsis lyrata_AOX1c_AL5G06730
- 27 >Arabidopsis thaliana_AOX1d_AT1G32350
- 28 >Arabidopsis thaliana_AOX1a_AT3G22370
- 29 >Arabidopsis thaliana_AOX1b_AT3G22360

30 >Arabidopsis_thaliana_AOX1c_AT3G27620
31 >Arabidopsis_thaliana_AOX2_AT5G64210
32 >Brachypodium_distachyon_AOX1b_BD3G52505
33 >Brachypodium_distachyon_AOX1d_BD5G20547
34 >Brassica_rapa_AOX1a_BR05G21590
35 >Brassica_rapa_AOX1b_BR01G28900
36 >Brassica_rapa_AOX1d_Bra010153
37 >Brassica_rapa_AOX2_BR09G06750
38 >Carica_papaya_AOX2_CP00042G00490
39 >Cucumis_sativus_AOX2_Q7Y1B3
40 >Daucus_carota_AOX1_AID15803.1
41 >Daucus_carota_AOX2a_ADB24724.1
42 >Fragaria_vesca_AOX2_FV5G21950
43 >Fragaria_vesca_AOX1a_FV5G29310
44 >Glycine_max_AOX1a_GM04G14800
45 >Glycine_max_AOX2d_GM08G07690
46 >Glycine_max_AOX2_GM08G07700
47 >Hordeum_vulgare_AOX1b_sG9CJ23
48 >Lotus_japonicus_AOX1a_LJ2G020780
49 >Lotus_japonicus_AOX2_LJ4G005280
50 >Lotus_japonicus_AOX2d_LJ4G005290
51 >Malus_domestica_AOX2_MD13G026910
52 >Malus_domestica_AOX2_MD00G081720
53 >Manihot_esculenta_AOX2_ME10292G00060
54 >Medicago_truncatula_AOX1a_MT5G026620
55 >Medicago_truncatula_AOX2d_MT5G070870
56 >Musa_acuminata_AOX1_MA06G01170
57 >Nicotiana_tabacum_AOX1_Q41224
58 >Oryza_brachyantha_AOX1b_OB04G30980

59 >Oryza_brachyantha_AOX1c_OB02G22630
60 >Oryza_brachyantha_AOX1d_OB04G30990
61 >Oryza_glaberrima_AOX1b_ORGLA04G0206000
62 >Oryza_glaberrima_AOX1d_ORGLA04G0206100
63 >Oryza_sativa_AOX1_BGIOGA008063
64 >Oryza_sativa_AOX1_BGIOGA014422
65 >Oryza_sativa_AOX1d_BGIOGA014421
66 >Picea_sitchensis_AOX1_A9NRS5
67 >Populus_trichocarpa_AOX1d_PT03G10390
68 >Populus_trichocarpa_AOX1a_PT12G00160
69 >Physcomitrella_patens_AOX_PP00183G00030
70 >Ricinus_communis_AOX2_RC30063G00030
71 >Selaginella_moellendorffii_AOX_SM00020G03270
72 >Solanum_lycopersicum_AOX1_SL08G005550.1
73 >Solanum_lycopersicum_AOX1d_SL08G075550.1
74 >Solanum_lycopersicum_AOX2_Solyc01g105220.2
75 >Solanum_tuberosum_AOX2_ST01G042270
76 >Sorghum_bicolor_AOX1d1_SB06G027420
77 >Sorghum_bicolor_AOX1d2_SB06G027430
78 >Sorghum_bicolor_AOX1_SB04G030820
79 >Sorghum_bicolor_AOX1_SB06G027410
80 >Theobroma_cacao_AOX2_TC02G011670
81 >Theobroma_cacao_AOX1c_TC03G031300
82 >Vitis_vinifera_AOX2_VV00G00110
83 >Vigna_unguiculata_AOX1a_Q4F8G4
84 >Vigna_unguiculata_AOX2a_A2IBG3
85 >Vitis_vinifera_AOX1a_VV02G09050
86 >Vitis_vinifera_AOX1d_VV02G09030
87 >Zea_mays_AOX1_ZM02G05500

88 >Zea_mays_AOX1d1_ZM02G05490

89 >Zea_mays_AOX1d2_ZM02G05480

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91 BACTERIA

92 >Rhodanobacter_sp._AOX_I4WCT1

93 >Afipia_felis_AOX_A0A090MMY7