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**Characterization of fungi in office dust: comparing results of microbial secondary metabolites, fungal ITS region sequencing, viable culture, and other microbial indices**

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Table S1. The list of microbial secondary metabolites analyzed for the study

|  |  |  |
| --- | --- | --- |
| Metabolites  1-100 | Metabolites  101-200 | Metabolites  201-300 |
| 15-Acetyldeoxynivalenol  15-Hydroxyculmorin  15-Hydroxyculmoron  15-Methyl-epi-FumiquinazolinA  16-Ketoaspergillimide  3-Acetyldeoxynivalenol  3-Nitropropionic acid  4-Hydroxyalternariol  4-Monoacetoxyscirpenol  5-Hydroxyculmorin  5-Methylmellein  7-Hydroxypestalotin  A 23187  AAL TA-Toxin  Abscisic acid  AcetyldeoxyPHS  AcetylPHS  Aflatoxin B1  Aflatoxin B2  Aflatoxin G1  Aflatoxin G2  Aflatoxin M1  Aflatoxin M2  Aflatoxin P1  Aflatrem  Agistatin B  Agistatin D  Agistatin E  Agroclavine  AJ 296  Alamethicin  alpha-Zearalenol  alpha-Zearalenol Glucoside  Alteichin  Altenuene  Altenusin  Alternarian acid  Alternariol  Alternariol-3-Glucoside  Alternariol-9-Glucoside  Alternariolmethylether  Alternariolmethylether-Glucoside  Altersetin  Altersolanol  Altertoxin II  Altertoxin-I  Aminodimethyloctadecanol  Amoxycillin  Amphotericin  Andrastin A  Andrastin B  Andrastin C  Andrastin D  Anisomycin  Anomalin A  Antbiotic L 696474  Antibiotic PF 1052  Antibiotic Y  Apicidin  Ascochlorin  Ascomycin  Aspercolorin  Asperfuran  Aspergamid A  Aspergillimide  Asperglaucide  Asperlactone  Asperloxine A  Asperthecin  Aspinolid B  Aspinonene  Aspochalasin D  Aspterric acid  Aspyrone  Asterric acid  Atpenin A5  Aurantiamin A  Aurasperon B  Aurasperon C  Aurasperon G  Aureobasidin  Aurofusarin  Austalide A  Austalide F  Austdiol  Austocystin A  Austocystin I  Averantin  Averufanin  Averufin  Bacitracin  Bafilomycin A1  Barceloneic acid  Bassianolide  Beauvericin  beta-Zearalenol  beta-Zearalenol-Glucoside  Bikaverin  Bis(methylthio)gliotoxin  Botryan-Derivat | Brefeldin A  Brevianamid F  Brevicompanine B  Butenolid  Butyrolactone I  Butyrolactone II  Calonectrin  Calphostin  Cephalosporin C  Cercosporamide  Cercosporin  Cereulide  Cerulenin  Chaetocin  Chaetoglobosin A  Chaetoglobosin D  Chaetoviridin A  Chanoclavin  Chetomin  Chetoseminudin A  Chlamydospordiol  Chlamydosporol  Chloramphenicol  Chlorocitreorosein  Chloronectrin  Chlortetracyclin  Chromomycin A3  Chrysogin  Chrysophanol  Citreorosein  Citreoviridin  Citreoviridin C  Citreoviridinol  Citrinin  Citromycetin  Cladosporin  Clonostachydiol  Cochliodinol  Cochlioquinone A  Communesin B  CPA hydroly  Culmorin  Curvularin  cyclo(L-Pro-L-Tyr)  Cycloaspeptide A  Cycloechinulin  Cycloheximide  Cyclopenin  Cyclopenol  Cyclopeptine  Cyclopiazonic acid  Cyclosporin A  Cyclosporin B  Cyclosporin C  Cyclosporin D  Cyclosporin H  Cytochalasin A  Cytochalasin B  Cytochalasin C  Cytochalasin D  Cytochalasin E  Cytochalasin H  Cytochalasin J  Daunorubicin  Decalonectrin  Decarestrictin  Dechlorogriseofulvin  Deepoxy-deoxynivalenol  Dehydroaustinol  Dehydrocurvularin  Dehydrocyclopeptine  Demethylsulochrin  DeoxyAltersolanol  Deoxybrevianamid E  Deoxyfusapyron  Deoxynivalenol  DeoxyPHS  Deoxytryptoquialanine  Desoxypaxillin  Destruxin A  Destruxin B  Destruxin CHL  Diacetoxyscirpenol  Dihydrochlamydocin  Dihydrocitrinone  Dihydroergosine  Dihydroergotamine  Dihydrogriseofulvin  Dihydrolysergol  Dihydrosterigmatocystin  Dihydrotrichotetronine  Dimethoxymethylgrisantrion  Dinactin  Diplodiatoxin  DON-15-Sulfat  DON-3-glucoside  DON-3-Sulfat  DON-Glutathion  Doxorubicin  Doxycyclin | Elymoclavine  Elymoclavine-Fructoside  Emodin  Enniatin A  Enniatin A1  Enniatin B  Enniatin B1  Enniatin B2  Enniatin B3  Epiequisetin  Epoxyagroclavin  Epoxycytochalsin C  Epoxycytochalsin D  Equisetin  Eremofortin A  Eremofortin B  Ergine  Ergocornine  Ergocorninin  Ergocristam  Ergocristinam  Ergocristine  Ergocristinine  Ergocryptine  Ergocryptinine  Ergometrine  Ergometrinine  Ergosin  Ergosinin  Ergotamine  Ergotaminine  Ergovalin  Erythromycin  Festuclavine  FK 506  FK 9775 A  FK 9775 B  Flavipucin  FS-4  Fulvic acid  Fumagillin  Fumifungin  Fumigaclavine  Fumigaclavine C  Fumiquinazolin A  Fumiquinazolin CD  Fumiquinazolin D  Fumiquinazolin E  Fumiquinazolin F  Fumiquinazolin I  Fumitremorgin B  Fumitremorgin C  Fumonisin A1  Fumonisin A2  Fumonisin B1  Fumonisin B2  Fumonisin B3  Fumonisin B4  Fumonisin B6  Fusaproliferin  Fusapyron  Fusarenon-X  Fusaric acid  Fusarielin A  Fusarin C  Fusarinolic acid  Fusidic acid  Geldanamycin  Geodin  Gibberellic acid  Gliocladic acid  Gliotoxin  Griseofulvin  Griseophenone B  Harzianopyridine  Harzianum A  HC Toxin  Helvolic acid  Helvolinic acid  Heptelidic acid  HT-2 Glucoside  HT-2 toxin  hydrolysed Fumonisin B1  hydrolysed Nidulin  Hydroxyroquefortine C  Hypothemycin  Ilicicolin B  Ilicolin C  Infectopyron  Integracin A  Integracin B  Ionomycin  Irgasan  Isofusidienol  Isokotanin B  Josamycin  K252a  K252b  KO 143  Kojic acid |

Table S1. The list of microbial secondary metabolites analyzed for the study (continued)

|  |  |  |
| --- | --- | --- |
| Metabolites  301-400 | Metabolites  401-500 | Metabolites  501-509 |
| Koninginin D  Linamarin  Lincomycin  Lolitrem B  Lolitrem N  Lotaustralin  Luteoskyrin  Luteusin A  Lysergol  Macrosporin  Malformin A  Malformin A2  Malformin C  Marcfortine A  Marcfortine B  Marcfortine C  Meleagrin  Methoxysterigmatocystin  Methylequisetin  Methylsulochrin  Methysergide  Mevastatin  Mevinolin  Mithramycin C  Mitomycin  Monactin  Moniliformin  Monoacetoxyscirpenol  Monocerin  Mycophenolic acid  Myriocin  Neoechinulin A  Neosolaniol  Neoxaline  NG 012  Nidulin  Nidurufin  Nigericin  Nivalenol  Nivalenol Glucoside  Nonactin  Nornidulin  Norsolorinic acid  Nortryptoquialanine  NP 12318  NP 19199  NT-2 Toxin  NX1  NX2  NX-3  Ochratoxin A  Ochratoxin alpha  Ochratoxin B  Ochratoxin C  Oligomycin A  Oligomycin B  O-Methylsterigmatocystin  O-Methylviridicatin  Ophiobolin A  Ophiobolin B  Orsellinic acid  Oxaline  Oxaspirodion  Oxidized Elymoclavine  Oxidized Luol  Oxytetracyclin  Papyracillic acid A  Paracelsin A  Paracelsin B  Paraherquamide A  Paspalic acid  Paspalin  Paspalinin  Paspalitrem A  Paspalitrem B  Patulin  Paxillin  Penicillic acid  Penicillide  Penicillin G  Penicillin V  Penigequinolone A  Penitrem A  Pennigritrem A  Pentahydroxyscirpenol  Pentoxyfylline  Pestalotin  Phomalactone  Phomalone  Phomopsin A  Phomopsin B  Physcion  Porritoxinol  Prehelminthosporol  Prehelminthosporollacton  PR-Toxin  Pseurotin A  Pseurotin D  Puromycin  Purpactin A | Purpuride  Pyranonigrin  Pyrenocin A  Pyrenophorol  Pyripyropene A  Pyripyropene B  Pyripyropene D  Questiomycin A  Quinocitrinine A  Radicicol  Rapamycin  Rasfonin  Roquefortine C  Roquefortine D  Roquefortine E  Roridin A  Rubellin D  Rubratoxin A  Rubrofusarin  Rugulosin  Rugulotrosin  Rugulovasine A  Rugulusovin  Sambucinol  Satratoxin G  Satratoxin H  Sclerotiorin  Secalonic acid D  semi Xanthomegnin  semi-Vioxanthin  Setusosin  Siccanin  Siccanol  Skyrin  S-MethylDON  Spiculisporic acid  Spiramycin  Sporogen AO I  Stachybotryamide  Stachybotrylactam  Staurosporin  Stemphylperylenol  Sterigmatocystin  Sulochrin  Sydonic acid  Sydowinin A  Synazerol  T2-Tetraol  T2-toxin  T2-Triol  Taxol  Tenellin  Tentoxin  Tenuazonic acid  Ternatin  Terpendole C  Terpendole E  Terphenyllin  Terrecyclic acid  Terrein  Territrem B  Tetracycline  Thiolutin  TR-2 Toxin  Triacetyl-Deoxynivalenol  Trichodermamide C  Trichodermin  Trichodimerol  Trichostatin A  Trichothecin  Trichothecolone  Trypacidin  Tryprostatin A  Tryprostatin B  Tryptophol  Tryptoquialanine  Tryptoquialanone  Tryptoquivaline F  Tylosin  Usnic acid  Ustiloxin A  Ustiloxin B  Ustiloxin D  Valinomycin  Vancomycin  Verrucarin A  Verrucarin J  Verrucarol  Verrucofortine  Verruculogen  Versicolorin A  Versicolorin C  Verticillin A  Viomellein  Vioxanthin  Viridicatin  Viridicatol  Viridicatum toxin  Viridol  Wortmannin | Xanthomegnin  Xanthotoxin  Xantocillin X1  Xantocillin X2  Zaragozic acid A  Zearalenone  Zearalenone-14-glucoside  Zearalenone-sulfate  Zeralenone-16-Glucoside |