## Supplementary TableS4
| Supplementary Table S4. Semi-volatile sesquiterpenes and sesquiterpene derivatives reported for Asco- and Basidiomycota species included in this study. | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 |
| --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN |
| Species | ST and ST derivatives | Parent Cation | Primary Cyclization | Reference |
| Alternaria alternata | cadina-1,4-diene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | valencene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | trans-caryophyllene | farnesyl | C1,C11 | Guo et al., 2021 |
| Alternaria alternata | thujopsene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria alternata | italicene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria alternata | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | gamma-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | bicyclogermacrene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | beta-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria alternata | beta-acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Alternaria alternata | alpha-bergamotene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria alternata | (+/-)-gymnomitrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria alternata | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Weikl et al., 2016 |
| Alternaria alternata | widdrol | nerolidyl | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | thujopsane-2betta-ol | nerolidyl | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | germacrene D | nerolidyl | C1,C10 | Weikl et al., 2016 |
| Alternaria alternata | germacrene D | farnesyl | C1,C10 | Weikl et al., 2016 |
| Alternaria alternata | gamma-curcumene | nerolidyl | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | eremophilene | farnesyl | C1,C10 | Weikl et al., 2016 |
| Alternaria alternata | di-epi-alpha-cedrene | nerolidol | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | cedren-13-ol | nerolidol | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | beta-chamigrene | nerolidyl | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | beta-cedrene | nerolidol | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | beta-acoradiene | nerolidyl | C1,C7 | Weikl et al., 2016 |
| Alternaria alternata | alpha-himachalene | nerolidyl | C1,C11 | Weikl et al., 2016 |
| Alternaria alternata | alpha-chamigrene | nerolidyl | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | alpha-cedrene | nerolidol | C1,C6 | Weikl et al., 2016 |
| Alternaria alternata | allo-aromadendrene | farnesyl | C1,C10 | Weikl et al., 2016 |
| Alternaria alternata | 10-epi-gamma-eudesmol | farnesyl | C1,C10 | Weikl et al., 2016 |
| Alternaria alternata | (E)-beta-farnesene | farnesyl | acyclic | Weikl et al., 2016 |
| Alternaria alternata | (E)-beta-farnesene | nerolidyl | acyclic | Weikl et al., 2016 |
| Alternaria brassicicola | cadina-1,4-diene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | alpha-amorphene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | (+)-sativen | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | zingiberene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | widdrol | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | trans-caryophyllene | farnesyl | C1,C11 | Guo et al., 2021 |
| Alternaria brassicicola | thujopsene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | italicene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | eremophilene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | bicyclogermacrene | farnesyl | C1,C10 | Guo et al., 2021 |
| Alternaria brassicicola | beta-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | beta-acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Alternaria brassicicola | alpha-bergamotene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | (E,Z)-alpha-farnesene | farnesyl | acyclic | Guo et al., 2021 |
| Alternaria brassicicola | (+/-)-gymnomitrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Alternaria brassicicola | (+)-sativen | farnesyl | C1,C10 | Guo et al., 2021 |
| Aspergilus niger | torreyol | nerolidyl; farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | tau-cadinol | nerolidyl; farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | calamenene | nerolidyl; farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | alpha-calacorene | nerolidyl; farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | valencene | farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | patchulane | farnesyl | C1,C10 | Costa et al., 2016 |
| Aspergilus niger | nerolidol | nerolidyl | acyclic | Costa et al., 2016 |
| Aspergilus niger | longifolene | nerolidyl | C1,C11 | Costa et al., 2016 |
| Aspergilus niger | longicamphenylone | nerolidyl | C1,C11 | Costa et al., 2016 |
| Aspergilus niger | cedrol | nerolidyl | C1,C6 | Costa et al., 2016 |
| Aspergilus niger | alpha-bisabolene epoxide | nerolidyl | C1,C6 | Costa et al., 2016 |
| Aspergilus niger | alpha-bisabolene | nerolidyl | C1,C6 | Costa et al., 2016 |
| Aspergilus niger | 4,5,9,10-dehydro-isolongifolene | nerolidyl | C1,C11 | Costa et al., 2016 |
| Aspergilus oryzae | echinolactone | farnesyl | C1,C11 | Orfali et al., 2021 |
| Aspergilus oryzae | asperorlactone | farnesyl | C1,C11 | Orfali et al., 2021 |
| Aureobasidium pullulans | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Francesco et al., 2020 |
| Bipolaris sorokiniana | beta-copaen-4-alpha-ol | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | (+)-sativen | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | trans-alpha-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Bipolaris sorokiniana | junipene | nerolidyl | C1,C11 | Guo et al., 2021 |
| Bipolaris sorokiniana | isoledene | farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | germacrene A | farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | delta-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | beta-curcumene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Bipolaris sorokiniana | beta-acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Bipolaris sorokiniana | alpha-farnesene | farnesyl | acyclic | Guo et al., 2021 |
| Bipolaris sorokiniana | alpha-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | (+)-sativen | farnesyl | C1,C10 | Guo et al., 2021 |
| Bipolaris sorokiniana | sorokinianin | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | secolongifolene diol | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | prehelminthosporol lactone | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | helminthosporol | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | helminthosporal acid | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | dihydropre-helminthosporol | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | bipolenin N | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | bipolenin M | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | bipolenin L | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | bipolenin K | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Bipolaris sorokiniana | bipolenin A | nerolidyl; farnesyl | C1,C10 | Phan et al., 2019 |
| Botrytis cinerea | presilphiperfolan-8beta-ol | farnesyl | C1,C11 | Pinedo et al., 2009 |
| Botrytis cinerea | botrydial | farnesyl | C1,C11 | Pinedo et al., 2009 |
| Chaetomium globosum | heptelidic acid | nerolidyl; farnesyl | C1,C10 | Itoh et al., 1980 |
| Chaetomium globosum | geosmin | farnesyl | C1,C10 | Kikuchi et al., 1981 |
| Chaetomium globosum | limonene | NaN | NaN | Korpia et al., 1999 |
| Chaetomium globosum | alpha-pinene | NaN | NaN | Korpia et al., 1999 |
| Cortinarius glaucopus | beta-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Cortinarius glaucopus | alpha-selinene | farnesyl | C1,C10 | Guo et al., 2021 |
| Cortinarius glaucopus | alpha-gurgujene | farnesyl | C1,C10 | Guo et al., 2021 |
| Cortinarius glaucopus | alpha-bergamotene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Cortinarius glaucopus | (+/-)-gymnomitrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Fusarium graminearum | beta-farnesene | farnesyl | acyclic | Demyttenaere et al., 2004 |
| Fusarium graminearum | beta-elemene | farnesyl | C1,C10 | Demyttenaere et al., 2004 |
| Fusarium graminearum | thujopsene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium graminearum | longifolene | nerolidyl | C1,C11 | Girotti et al., 2010 |
| Fusarium graminearum | isobazzanene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium graminearum | beta-santalene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium graminearum | beta-himachalene | nerolidyl | C1,C11 | Girotti et al., 2010 |
| Fusarium graminearum | beta-chamigrene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium graminearum | barbatene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium graminearum | aryl-curcumene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium graminearum | 10-epi-beta-acoradiene | nerolidyl | C1,C7 | Girotti et al., 2010 |
| Fusarium graminearum | (E)-beta-farnesene | farnesyl | acyclic | Girotti et al., 2010 |
| Fusarium graminearum | (E)-beta-farnesene | nerolidyl | acyclic | Girotti et al., 2010 |
| Fusarium graminearum | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | trichodiene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Fusarium graminearum | junipene | nerolidyl | C1,C11 | Guo et al., 2021 |
| Fusarium graminearum | germacrene D | nerolidyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | germacrene D | farnesyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | gamma-curcumene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Fusarium graminearum | epsilon-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | epsilon-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | dihydrocurcumene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Fusarium graminearum | beta-gurjunene | farnesyl | C1,C10 | Guo et al., 2021 |
| Fusarium graminearum | beta-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Fusarium graminearum | aromadendrene | farnesyl | C1,C10 | Guo et al., 2021 |
| Fusarium oxysporum | gamma-curcumene | nerolidyl | C1,C6 | Bitas et al., 2015 |
| Fusarium oxysporum | cis-beta-guaiene | farnesyl | C1,C10 | Bitas et al., 2015 |
| Fusarium oxysporum | beta-caryophyllene | farnesyl | C1,C11 | Bitas et al., 2015 |
| Fusarium oxysporum | alpha-cedrene | nerolidol | C1,C6 | Bitas et al., 2015 |
| Fusarium oxysporum | acora-3,7 (14)-diene | nerolidyl | C1,C7 | Bitas et al., 2015 |
| Fusarium oxysporum | thujopsene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium oxysporum | longifolene | nerolidyl | C1,C11 | Girotti et al., 2010 |
| Fusarium oxysporum | isobazzanene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium oxysporum | beta-santalene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium oxysporum | beta-himachalene | nerolidyl | C1,C11 | Girotti et al., 2010 |
| Fusarium oxysporum | barbatene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium oxysporum | aryl-curcumene | nerolidyl | C1,C6 | Girotti et al., 2010 |
| Fusarium oxysporum | 10-epi-beta-acoradiene | nerolidyl | C1,C7 | Girotti et al., 2010 |
| Fusarium oxysporum | (E)-beta-farnesene | farnesyl | acyclic | Girotti et al., 2010 |
| Fusarium oxysporum | (E)-beta-farnesene | nerolidyl | acyclic | Girotti et al., 2010 |
| Fusarium oxysporum | longipinalol | nerolidyl | C1,C11 | Minerdi et al., 2009 |
| Fusarium oxysporum | isolongifolene | nerolidyl | C1,C11 | Minerdi et al., 2009 |
| Fusarium oxysporum | iso-caryophyllene | farnesyl | C1,C11 | Minerdi et al., 2009 |
| Fusarium oxysporum | alpha-humulene | farnesyl | C1,C11 | Minerdi et al., 2009 |
| Fusarium oxysporum | 5,8-cyclocaryophyllan-4-ol | farnesyl | C1,C11 | Minerdi et al., 2009 |
| Fusarium oxysporum | 2-epi-trans-caryophyllene | farnesyl | C1,C11 | Minerdi et al., 2009 |
| Fusarium oxysporum | germacrene D | nerolidyl | C1,C10 | Weikl et al., 2016 |
| Fusarium oxysporum | germacrene D | farnesyl | C1,C10 | Weikl et al., 2016 |
| Fusarium oxysporum | gamma-curcumene | nerolidyl | C1,C6 | Weikl et al., 2016 |
| Fusarium oxysporum | gamma-cedrene | nerolidol | C1,C6 | Weikl et al., 2016 |
| Fusarium oxysporum | delta-elemene | farnesyl | C1,C10 | Weikl et al., 2016 |
| Fusarium oxysporum | beta-elemene | farnesyl | C1,C10 | Weikl et al., 2016 |
| Fusarium oxysporum | beta-cedrene | nerolidol | C1,C6 | Weikl et al., 2016 |
| Fusarium oxysporum | beta-acoradiene | nerolidyl | C1,C7 | Weikl et al., 2016 |
| Fusarium oxysporum | alpha-himachalene | nerolidyl | C1,C11 | Weikl et al., 2016 |
| Heterobasidion annosum | fomannosin | farnesyl | C1,C11 | Bassett et al., 1967 |
| Heterobasidion annosum | ylangene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | cadina-1,4-diene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | alpha-muurolene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | alpha-amorphene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | valencene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | trans-caryophyllene | farnesyl | C1,C11 | Guo et al., 2021 |
| Heterobasidion annosum | nerolidol | nerolidyl | acyclic | Guo et al., 2021 |
| Heterobasidion annosum | junipene | nerolidyl | C1,C11 | Guo et al., 2021 |
| Heterobasidion annosum | germacrene D | nerolidyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | germacrene D | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | germacrene A | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | gamma-himachalene | nerolidyl | C1,C11 | Guo et al., 2021 |
| Heterobasidion annosum | delta-guaiene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | dehydroaromadendrene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | beta-selinene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | beta-patchoulene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | beta-maaliene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | beta-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | aromandendrene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | aristolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Heterobasidion annosum | alpha-bergamotene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Heterobasidion annosum | (+/-)-gymnomitrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Heterobasidion annosum | fomajorin D | farnesyl | C1,C11 | Hansson et al., 2014 |
| Heterobasidion annosum | epoxydrimenol | farnesyl | C1,C11 | Hansson et al., 2014 |
| Heterobasidion annosum | delta(6)-protoilludene | farnesyl | C1,C11 | Zhang et al., 2020 |
| Laccaria bicolor | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | alpha-ylangene | nerolidyl; farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | alpha-muurolene | nerolidyl; farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | alpha-amorphene | nerolidyl; farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | gamma-selinene | farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | epizonarene | nerolidyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | beta-selinene | farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | beta-elemene | farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | beta-caryophyllene | farnesyl | C1,C11 | Ditengou et al., 2015 |
| Laccaria bicolor | (-)-thujopsene | nerolidyl | C1,C6 | Ditengou et al., 2015 |
| Laccaria bicolor | (-)-isoledene | farnesyl | C1,C10 | Ditengou et al., 2015 |
| Laccaria bicolor | cadina-1,4-diene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Laccaria bicolor | (+)-sativen | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Laccaria bicolor | acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Laccaria bicolor | (+)-sativen | farnesyl | C1,C10 | Guo et al., 2021 |
| Laccaria bicolor | cuparene | nerolidol | C1,C6 | Muller et al., 2013 |
| Laccaria bicolor | cis-gamma-bisabolene | nerolidyl | C1,C6 | Muller et al., 2013 |
| Laccaria bicolor | beta-himachalene | nerolidyl | C1,C11 | Muller et al., 2013 |
| Penicillium chrysogenum | PR-toxin | farnesyl | C1,C10 | Kosalkova et al., 2009 |
| Penicillium chrysogenum | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Leung, 2009 |
| Penicillium chrysogenum | copaene | nerolidyl; farnesyl | C1,C10 | Leung, 2009 |
| Penicillium chrysogenum | alpha-cubebene | nerolidyl; farnesyl | C1,C10 | Leung, 2009 |
| Penicillium chrysogenum | caryophyllene | farnesyl | C1,C11 | Leung, 2009 |
| Penicillium chrysogenum | beta-elemene | farnesyl | C1,C10 | Leung, 2009 |
| Penicillium chrysogenum | aromadendrene | farnesyl | C1,C10 | Leung, 2009 |
| Penicillium chrysogenum | alpha-cedrene | nerolidol | C1,C6 | Leung, 2009 |
| Penicillium chrysogenum | geosmin | farnesyl | C1,C10 | Matysik et al., 2008 |
| Penicillium oxalicum | (3beta,4beta,5beta,6beta,7beta,9beta,10alpha)-4,6-epoxy-7- hydroxy-9-cadinanol | nerolidyl; farnesyl | C1,C10 | Afiyatullov et al., 2021 |
| Piloderma croceum | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Zhang et al., 2020 |
| Piloderma croceum | viridiflorene | farnesyl | C1,C10 | Zhang et al., 2020 |
| Postia placenta | sativene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | epi-cubebol | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | cyclosativene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | cubebol | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | cadina-1(6),4-diene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | beta-cubebene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | beta-copaene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | alpha-muurolene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | alpha-cubebene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | alpha-copaene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | alpha-cadinene | nerolidyl; farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | sesquisabinene | nerolidyl | C1,C6 | Ichinose and Kitaoka, 2018 |
| Postia placenta | pentalenene | farnesyl | C1,C11 | Ichinose and Kitaoka, 2018 |
| Postia placenta | gamma-muurolene | farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | gamma-muurolene | nerolidyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | caryophyllene | farnesyl | C1,C11 | Ichinose and Kitaoka, 2018 |
| Postia placenta | bicyclosesquiphellandrene | nerolidyl | C1,C6 | Ichinose and Kitaoka, 2018 |
| Postia placenta | bicyclogermacrene | farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | bicycloelemene | farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | beta-elemene | farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | alpha-gurjunene | farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | allo-aromadendr-9-en | farnesyl | C1,C10 | Ichinose and Kitaoka, 2018 |
| Postia placenta | 9-epi-caryophyllene | farnesyl | C1,C11 | Ichinose and Kitaoka, 2018 |
| Postia placenta | 6-protoilludene | farnesyl | C1,C11 | Ichinose and Kitaoka, 2018 |
| Purpureocillium lilacinum | (+)-sativen | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Purpureocillium lilacinum | (+)-sativen | farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | (+)-sativen | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | trans-alpha-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Pyrenophora teres | junipene | nerolidyl | C1,C11 | Guo et al., 2021 |
| Pyrenophora teres | isoledene | farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | germacrene A | farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | delta-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | beta-santalene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Pyrenophora teres | beta-chamigrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Pyrenophora teres | beta-acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Pyrenophora teres | alpha-gurjunene | farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | alpha-farnesene | farnesyl | acyclic | Guo et al., 2021 |
| Pyrenophora teres | alpha-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Pyrenophora teres | (+)-sativen | farnesyl | C1,C10 | Guo et al., 2021 |
| Trametes versicolor | sativene | nerolidyl; farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | alpha-muurolene | nerolidyl; farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | alpha-cubebene | nerolidyl; farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | isoledene | farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | gamma-patchoulene | farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | beta-guaiene | farnesyl | C1,C10 | Drilling and Dettner, 2009 |
| Trametes versicolor | beta-caryophyllene | farnesyl | C1,C11 | Drilling and Dettner, 2009 |
| Trametes versicolor | alpha-curcumene | nerolidyl | C1,C6 | Drilling and Dettner, 2009 |
| Trametes versicolor | (+)-sativen | nerolidyl; farnesyl | C1,C10 | Guo et al. 2021 |
| Trametes versicolor | (+)-sativen | farnesyl | C1,C10 | Guo et al. 2021 |
| Trametes versicolor | cubebene | nerolidyl; farnesyl | C1,C10 | Konuma et al., 2015 |
| Trametes versicolor | cadinene | nerolidyl; farnesyl | C1,C10 | Konuma et al., 2015 |
| Trametes versicolor | valencene | farnesyl | C1,C10 | Konuma et al., 2015 |
| Trametes versicolor | thujopsene | nerolidyl | C1,C6 | Konuma et al., 2015 |
| Trametes versicolor | selinene | farnesyl | C1,C10 | Konuma et al., 2015 |
| Trametes versicolor | longipinene | nerolidyl | C1,C11 | Konuma et al., 2015 |
| Trametes versicolor | cuparene | nerolidol | C1,C6 | Konuma et al., 2015 |
| Trametes versicolor | cedrene | nerolidol | C1,C6 | Konuma et al., 2015 |
| Trametes versicolor | tramspiroin A | farnesyl | C1,C10 | Wang et al., 2015 |
| Trametes versicolor | tramspiroin B | farnesyl | C1,C10 | Wang et al., 2015 |
| Trametes versicolor | tramspiroin C | farnesyl | C1,C10 | Wang et al., 2015 |
| Trametes versicolor | tramspiroin D | farnesyl | C1,C10 | Wang et al., 2015 |
| Trametes versicolor | isodrimenediol | farnesyl | C1,C11 | Wang et al., 2015 |
| Trametes versicolor | funatrol D | farnesyl | C1,C11 | Wang et al., 2015 |
| Trichoderma hamatum | zingiberene | nerolidyl | C1,C6 | Guo et al., 2019 |
| Trichoderma hamatum | cedrene | nerolidol | C1,C6 | Guo et al., 2019 |
| Trichoderma hamatum | beta-selinene | farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma hamatum | alpha-selinene | farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma hamatum | alpha-cedrene | nerolidol | C1,C6 | Guo et al., 2019 |
| Trichoderma hamatum | trans-gamma-bisabolene | nerolidyl | C1,C6 | Guo et al., 2020 |
| Trichoderma hamatum | beta-curcumene | nerolidyl | C1,C6 | Guo et al., 2020 |
| Trichoderma hamatum | beta-cedrene | nerolidol | C1,C6 | Guo et al., 2020 |
| Trichoderma hamatum | 2-isopropyl-5-methyl-9- methylene[4.4.0]dec-1-ene | unknown | unknown | Guo et al., 2020 |
| Trichoderma hamatum | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | alpha-copaene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | valencene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | trans-caryophyllene | farnesyl | C1,C11 | Guo et al., 2021 |
| Trichoderma hamatum | junipene | nerolidyl | C1,C11 | Guo et al., 2021 |
| Trichoderma hamatum | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | eremophilene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | epsilon-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | epsilon-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | delta-guaiene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | bicycloelemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | beta-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | alpha-gurjunene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma hamatum | acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Trichoderma hamatum | 5-hydroxyepicyclonerodiol oxide | nerolidol | C1,C6 | Ma et al., 2021 |
| Trichoderma hamatum | 4-hydroxyepicyclonerodiol oxide | nerolidol | C1,C6 | Ma et al., 2021 |
| Trichoderma hamatum | trichodermol chlorohydrin | nerolidyl | C1,C6 | Ma et al., 2021 |
| Trichoderma harzianum | zonarene | nerolidyl; farnesyl | C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | trans-calamenene | nerolidyl; farnesyl | C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | muurola-4(15),5-diene | nerolidyl; farnesyl | C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | muurola-4,11-diene | nerolidyl; farnesyl | C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | cis-calamenene | nerolidyl; farnesyl | C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | cadina-4,11-diene | nerolidyl; farnesyl | C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | tricho-acorenol | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | sesquisabinene B | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | myltayl-8(12)-ene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | epi-isozizaene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | delta-cuprenene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | beta-sesquiphellandrene | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | beta-microbiotene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | beta-alaskene | nerolidyl | C1,C7 | Citron et al., 2011 |
| Trichoderma harzianum | amorpha-4,11-diene | nerolidyl | C1,C6; C1,C10 | Citron et al., 2011 |
| Trichoderma harzianum | alpha-curcumene | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | alpha-cuprenene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | alpha-chamigrene | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | alpha-alaskene | nerolidyl | C1,C7 | Citron et al., 2011 |
| Trichoderma harzianum | acorenone | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | acora-3,5-diene | nerolidyl | C1,C7 | Citron et al., 2011 |
| Trichoderma harzianum | acora-2,4-diene | nerolidyl | C1,C7 | Citron et al., 2011 |
| Trichoderma harzianum | (Z)-alpha-bisabolene | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | (S)-gamma-cuprenene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | (S)-cuparene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | (S)-beta-bisabolene | nerolidyl | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | (E)-nerolidol | farnesyl | acyclic | Citron et al., 2011 |
| Trichoderma harzianum | (E)-nerolidol | nerolidyl | acyclic | Citron et al., 2011 |
| Trichoderma harzianum | (E)-beta-farnesene | farnesyl | acyclic | Citron et al., 2011 |
| Trichoderma harzianum | (E)-beta-farnesene | nerolidyl | acyclic | Citron et al., 2011 |
| Trichoderma harzianum | (-)-beta-funebrene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | (-)-beta-cedrene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | (-)-alpha-funebrene | nerolidol | C1,C6 | Citron et al., 2011 |
| Trichoderma harzianum | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma harzianum | delta-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma harzianum | alpha-guaiene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma harzianum | valencene | farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma harzianum | trichoacorenol | nerolidyl | C1,C6 | Guo et al., 2019 |
| Trichoderma harzianum | thujopsene | nerolidyl | C1,C6 | Guo et al., 2019 |
| Trichoderma harzianum | gamma-selinene | farnesyl | C1,C10 | Guo et al., 2019 |
| Trichoderma harzianum | beta-sesquiphellandrene | nerolidyl | C1,C6 | Guo et al., 2019 |
| Trichoderma harzianum | beta-himachalene | nerolidyl | C1,C11 | Guo et al., 2019 |
| Trichoderma harzianum | beta-curcumene | nerolidyl | C1,C6 | Guo et al., 2019 |
| Trichoderma harzianum | acoradiene | nerolidyl | C1,C7 | Guo et al., 2019 |
| Trichoderma harzianum | alpha-cedrene | nerolidol | C1,C6 | Guo et al., 2020 |
| Trichoderma harzianum | alpha-copaene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma harzianum | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma harzianum | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Trichoderma harzianum | beta-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma harzianum | alpha-bergamotene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma harzianum | acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Trichoderma harzianum | ophioceric acid | farnesyl | C1,C11 | Shi et al., 2020 |
| Trichoderma harzianum | epicyclonerodiol oxide | nerolidol | C1,C6 | Shi et al., 2020 |
| Trichoderma harzianum | cyclonerotriol | nerolidol | C1,C6 | Shi et al., 2020 |
| Trichoderma harzianum | catenioblin C | nerolidol | C1,C6 | Shi et al., 2020 |
| Trichoderma harzianum | ascotrichic acid | nerolidol | C1,C6 | Shi et al., 2020 |
| Trichoderma harzianum | (10E)-12-acetoxy-10-cycloneren-3,7-diol | nerolidol | C1,C6 | Shi et al., 2020 |
| Trichoderma harzianum | methyl 3,7-dihydroxy-15-cycloneranate | nerolidol | C1,C6 | Song et al., 2018 |
| Trichoderma harzianum | 8-acoren-3,11-diol | nerolidyl | C1,C6 | Song et al., 2018 |
| Trichoderma harzianum | 11-methoxy-9-cycloneren-3,7-diol | nerolidol | C1,C6 | Song et al., 2018 |
| Trichoderma harzianum | 10-cycloneren-3,5,7-triol | nerolidol | C1,C6 | Song et al., 2018 |
| Trichoderma reesei | gamma-cadinene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2020 |
| Trichoderma reesei | alpha-muurolene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2020 |
| Trichoderma reesei | zingiberene | nerolidyl | C1,C6 | Guo et al., 2020 |
| Trichoderma reesei | nerolidol | nerolidyl | acyclic | Guo et al., 2020 |
| Trichoderma reesei | beta-patchoulene | farnesyl | C1,C10 | Guo et al., 2020 |
| Trichoderma reesei | beta-himachalene | nerolidyl | C1,C11 | Guo et al., 2020 |
| Trichoderma reesei | beta-curcumene | nerolidyl | C1,C6 | Guo et al., 2020 |
| Trichoderma reesei | beta-cedrene | nerolidol | C1,C6 | Guo et al., 2020 |
| Trichoderma reesei | alpha-himachalene | nerolidyl | C1,C11 | Guo et al., 2020 |
| Trichoderma reesei | alpha-copaene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | alpha-amorphene | nerolidyl; farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | trichoacorenol | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | trans-gamma-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | trans-alpha-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | nerolidol | nerolidyl | acyclic | Guo et al., 2021 |
| Trichoderma reesei | isocaryophyllene | farnesyl | C1,C11 | Guo et al., 2021 |
| Trichoderma reesei | gamma-muurolene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | gamma-muurolene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | epizonarene | nerolidyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | dihydrocurcumene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | bicyclogermacrene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | beta-sesquiphellandrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | beta-guaiene | farnesyl | C1,C10 | Guo et al., 2021 |
| Trichoderma reesei | beta-chamigrene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | beta-bisabolene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | alpha-cedrene | nerolidol | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | alpha-bergamotene | nerolidyl | C1,C6 | Guo et al., 2021 |
| Trichoderma reesei | acoradiene | nerolidyl | C1,C7 | Guo et al., 2021 |
| Trichoderma reesei | 1,4-cis-1,7-cis-acorenone | nerolidyl | C1,C6 | Guo et al., 2021 |
| Ustilago hordei | gamma-elemene | farnesyl | C1,C10 | Guo et al., 2021 |
| Verticillium alfalfae | alpha-amorphene | nerolidyl; farnesyl | C1,C10 | Li et al., 2018 |
| Verticillium alfalfae | himachala-2,4-diene | farnesyl | C1,C11 | Li et al., 2018 |
| Verticillium alfalfae | beta-caryophyllene | farnesyl | C1,C11 | Li et al., 2018 |

## References to Table S4
| References to Supplementary Table S4. |
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