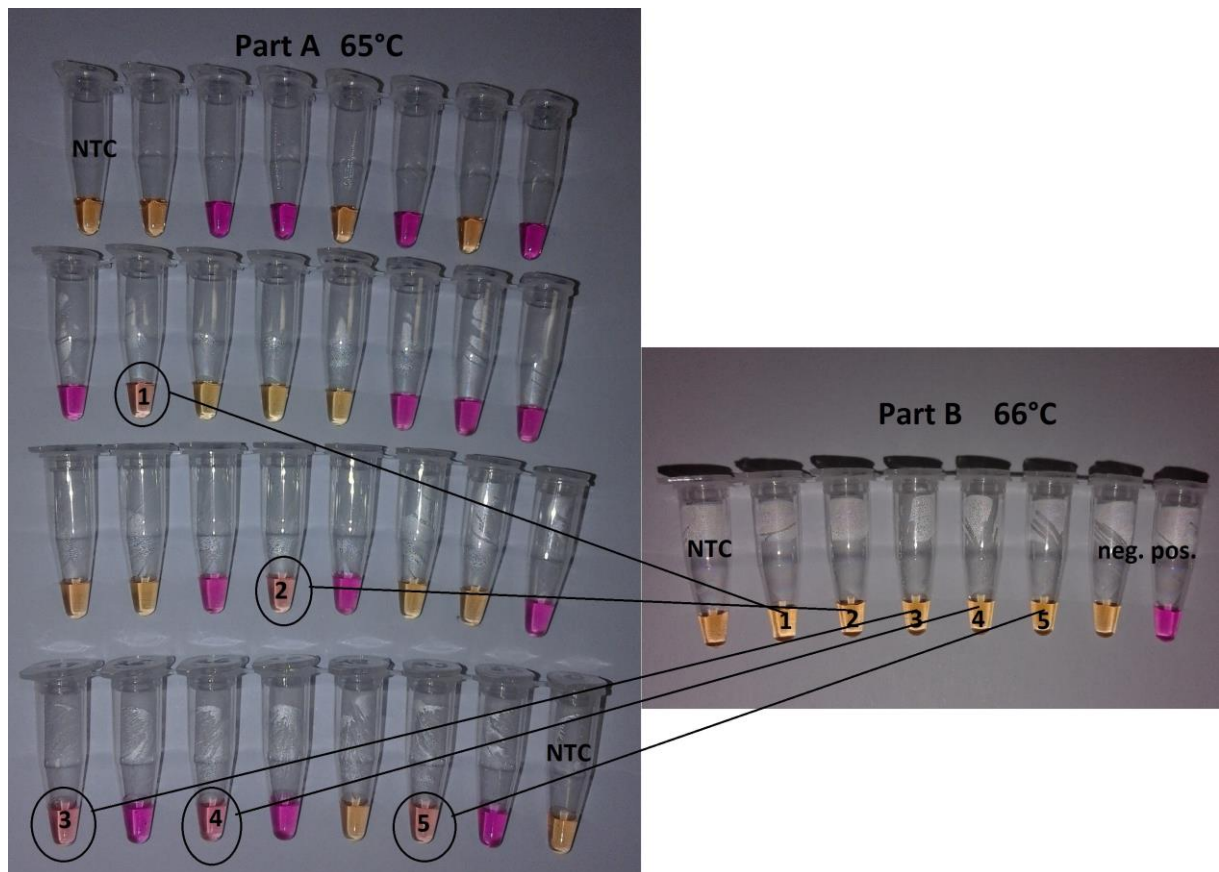
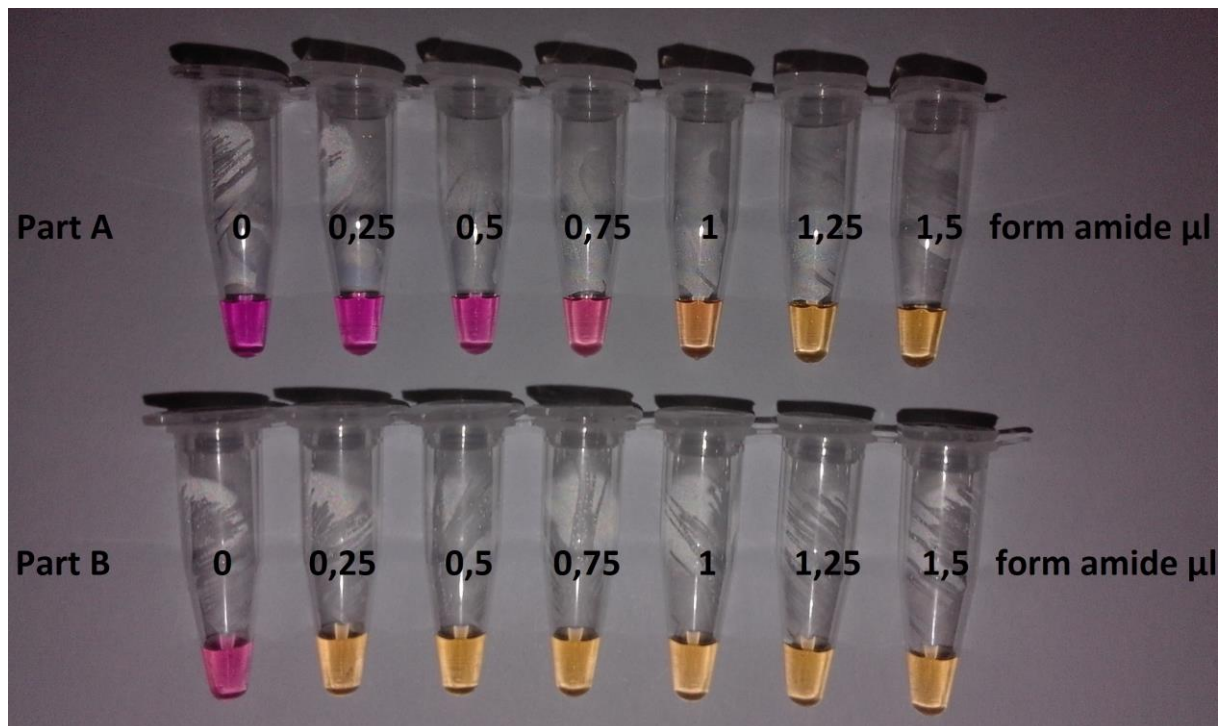




**Figure S1:** Influence of incubation temperature on the specificity of the LAMP reaction. A: LAMP reactions with DNA of *S. chartarum* genotypes S, A and H as well as *S. chlorohalonata* at 65°C for one hour. Pink reaction vessels contain DNA from *S. chartarum* genotype S as template. Yellow coloured vessels contain DNA from other genotypes and show a negative result. Reactions marked 1-5 are false positives (1: *S. chartarum* genotype A, 2: *S. chartarum* genotype H, 3: *S. chlorohalonata*, 4: *S. chlorohalonata*, 5: *S. chlorohalonata*). NTC: No template control.

B: LAMP reactions with template DNA used in reactions marked 1-5 after one hour of incubation at 66 °C. Note that the reactions are clearly negative under the optimized conditions. Neg.: negative control *S. chartarum* genotype A, pos.: positive control *S. chartarum* genotype S, NTC: No template control.



**Figure S2:** Influence of formamide on the specificity of the LAMP reaction. A: LAMP reactions with DNA from *S. chartarum* genotype S as template and addition of 0.0 to 1.5  $\mu\text{L}$  formamide per reaction. Note that addition of 0.75  $\mu\text{L}$  per reaction still results in a positive LAMP reaction within one hour of incubation. Higher amounts of formamide inhibit the reaction. B: LAMP reaction with DNA from *S. chlorohalonata* as template and addition of 0.0 to 1.5  $\mu\text{L}$  formamide per reaction. Note that the reaction was positive with 0.0  $\mu\text{L}$  formamide per reaction. Addition of 0.25 to 1.5  $\mu\text{L}$  per reaction lead to complete inhibition of the LAMP reaction

**Table S1:** List of fungal species and strains (n = 227) used in the current study with result obtained with the newly developed LAMP assay.

| Genus                | Species                   | Strain ID  | Source             | sat-genotype <sup>1</sup> | LAMP-result <sup>2</sup> | Toxin production (LC-MS/MS) <sup>3</sup> |
|----------------------|---------------------------|------------|--------------------|---------------------------|--------------------------|------------------------------------------|
| <i>Alternaria</i>    | <i>alternata</i>          | TMW 4.0438 | TUM <sup>4</sup>   | n.a. <sup>5</sup>         | - <sup>6</sup>           | n.a.                                     |
|                      | <i>mali</i>               | CBS 106.24 | CBS <sup>7</sup>   | n.a.                      | -                        | n.a.                                     |
| <i>Aspergillus</i>   | <i>aculeatus</i>          | TMW 4.1776 | TUM                | n.a.                      | -                        | n.a.                                     |
|                      | <i>alliaceus</i>          | DSM 813    | DSM <sup>8</sup>   | n.a.                      | -                        | n.a.                                     |
|                      | <i>arachidicola</i>       | IBT 27128  | IBT <sup>9</sup>   | n.a.                      | -                        | n.a.                                     |
|                      | <i>auricomus</i>          | CBS 467.65 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>awamori</i>            | CBS 101704 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>bombycis</i>           | IBT 23536  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>bridgeri</i>           | CBS 350.81 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>caelatus</i>           | IBT 29700  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>carbonarius</i>        | TMW 4.1512 | TUM                | n.a.                      | -                        | n.a.                                     |
|                      | <i>clavatus</i>           | CBS 513.65 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>elegans</i>            | CBS 310.80 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>ellipticus</i>         | CBS 707.79 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>flavus</i>             | TMW 4.1859 | TUM                | n.a.                      | -                        | n.a.                                     |
|                      | <i>foetidus</i>           | CBS114.49  | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>fresenii</i>           | CBS 550.65 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>fumigatus</i>          | CBS 113.55 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>helicothrix</i>        | CBS 677.79 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>heteromorphus</i>      | CBS 117.55 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>insulicola</i>         | CBS 382.75 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>japonicus</i>          | CBS 114.51 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>minisclerotigenes</i>  | IBT 27177  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>niger</i>              | CBS 101698 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>nomius</i>             | CBS 260.88 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>ochraceoroseus</i>     | CBS 101887 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>ochraceus</i>          | CBS 263.67 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>oryzae</i>             | IBT 28103  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>parasiticus</i>        | CBS 126.62 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>parvisclerotigenes</i> | IBT 3850   | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>petrakii</i>           | CBS 105.57 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>pseudotararii</i>      | IBT 21092  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>rambellii</i>          | IBT 14580  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>sclerotiorum</i>       | CBS 549.65 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>sojae</i>              | IBT 21643  | IBT                | n.a.                      | -                        | n.a.                                     |
|                      | <i>tamarii</i>            | CBS 591.68 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>terreus</i>            | CBS 377.64 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>toxicarius</i>         | CBS 822.72 | CBS                | n.a.                      | -                        | n.a.                                     |
|                      | <i>tubingensis</i>        | ITEM 4496  | ITEM <sup>10</sup> | n.a.                      | -                        | n.a.                                     |
|                      | <i>usamii</i>             | CBS 101700 | CBS                | n.a.                      | -                        | n.a.                                     |
| <i>Aureobasidium</i> | <i>pullulans</i>          | TMW 4.2253 | TUM                | n.a.                      | -                        | n.a.                                     |
| <i>Beltraniella</i>  | <i>portoricensis</i>      | CBS 856.70 | CBS                | n.a.                      | -                        | n.a.                                     |
| <i>Bipolaris</i>     | <i>sorokiniana</i>        | CBS 311.64 | CBS                | n.a.                      | -                        | n.a.                                     |
| <i>Cladobotryum</i>  | <i>dendroides</i>         | NRRL 2903  | NRRL <sup>11</sup> | n.a.                      | -                        | n.a.                                     |

|                           |                         |            |                   |      |   |      |
|---------------------------|-------------------------|------------|-------------------|------|---|------|
| <i>Cladosporium</i>       | <i>sphaerospermum</i>   | TMW 4.2370 | TUM               | n.a. | - | n.a. |
| <i>Colletotrichum</i>     | <i>acutatum</i>         | CBS 295.67 | CBS               | n.a. | - | n.a. |
|                           | <i>fragariae</i>        | CBS 142.31 | CBS               | n.a. | - | n.a. |
|                           | <i>gloeosporioides</i>  | CBS 285.50 | CBS               | n.a. | - | n.a. |
| <i>Cryptomela</i>         | <i>acutispora</i>       | CBS 157.33 | CBS               | n.a. | - | n.a. |
| <i>Drechslera</i>         | <i>teres</i>            | CBS 378.59 | CBS               | n.a. | - | n.a. |
|                           | <i>tricici-repentis</i> | CBS 265.80 | CBS               | n.a. | - | n.a. |
|                           | <i>astellata</i>        | IBT 21903  | IBT               | n.a. | - | n.a. |
| <i>Emericella</i>         | <i>olivicola</i>        | IBT 26499  | IBT               | n.a. | - | n.a. |
|                           | <i>venezuelensis</i>    | IBT 20956  | IBT               | n.a. | - | n.a. |
|                           | <i>nigrum</i>           | TMW 4.1407 | TUM               | n.a. | - | n.a. |
| <i>Fusarium</i>           | <i>acuminatum</i>       | CBS 485.94 | VBS               | n.a. | - | n.a. |
|                           | <i>avenaceum</i>        | DSM 62161  | DSM               | n.a. | - | n.a. |
|                           | <i>beomiforme</i>       | BBA 69406  | BBA <sup>12</sup> | n.a. | - | n.a. |
|                           | <i>cerealis</i>         | CBS 589.93 | CBS               | n.a. | - | n.a. |
|                           | <i>chlamydosporum</i>   | CBS 145.25 | CBS               | n.a. | - | n.a. |
|                           | <i>compactum</i>        | CBS 466.92 | CBS               | n.a. | - | n.a. |
|                           | <i>culmorum</i>         | DSM 62191  | DSM               | n.a. | - | n.a. |
|                           | <i>dimerum</i>          | CBS 175.31 | CBS               | n.a. | - | n.a. |
|                           | <i>dlaminii</i>         | MRC 3024   | MRC <sup>13</sup> | n.a. | - | n.a. |
|                           | <i>equiseti</i>         | CBS 406.86 | CBS               | n.a. | - | n.a. |
|                           | <i>eumartii</i>         | DSM 62809  | DSM               | n.a. | - | n.a. |
|                           | <i>heterosporum</i>     | DSM 62231  | DSM               | n.a. | - | n.a. |
|                           | <i>longipes</i>         | CBS 739.79 | CBS               | n.a. | - | n.a. |
|                           | <i>melanochlorum</i>    | CBS 202.65 | CBS               | n.a. | - | n.a. |
|                           | <i>napiforme</i>        | BBA 67629  | BBA               | n.a. | - | n.a. |
|                           | <i>oxysporum</i>        | DSM 62292  | DSM               | n.a. | - | n.a. |
|                           | <i>proliferatum</i>     | DSM 62261  | DSM               | n.a. | - | n.a. |
|                           | <i>scirpi</i>           | CBS 448.84 | CBS               | n.a. | - | n.a. |
|                           | <i>solani</i>           | DSM 62416  | DSM               | n.a. | - | n.a. |
|                           | <i>subglutinans</i>     | BBA 63621  | BBA               | n.a. | - | n.a. |
|                           | <i>sublunatum</i> var.  | CBS 189.34 | CBS               | n.a. | - | n.a. |
|                           | <i>torulosum</i>        | BBA 64465  | BBA               | n.a. | - | n.a. |
| <i>Geomyces</i>           | <i>auratus</i>          | BBA 66636  | BBA               | n.a. | - | n.a. |
| <i>Geotrichum</i>         | <i>candidum</i>         | TMW 4.0508 | TUM               | n.a. | - | n.a. |
| <i>Gliocephalotrichum</i> | <i>spec. nov.</i>       | NRRL 2993  | NRRL              | n.a. | - | n.a. |
| <i>Hypomyces</i>          | <i>rosellus</i>         | CBS 521.81 | CBS               | n.a. | - | n.a. |
| <i>Memnoniella</i>        | <i>echinata</i>         | CBS 627.61 | CBS               | n.a. | - | n.a. |
|                           | <i>echinata</i>         | MYA 584    | LMU               | n.a. | - | n.d. |
| <i>Microdochium</i>       | <i>majus</i>            | TMW 4.0496 | TUM               | n.a. | - | n.a. |
|                           | <i>nivale</i>           | TMW 4.0495 | TUM               | n.a. | - | n.a. |
| <i>Monascus</i>           | <i>ruber</i>            | TMW 4.1426 | TUM               | n.a. | - | n.a. |
| <i>Mucor</i>              | <i>mucedo</i>           | DSM 809    | DSM               | n.a. | - | n.a. |
| <i>Myrothecium</i>        | <i>roridum</i>          | CBS 331.51 | CBS               | n.a. | - | n.a. |
| <i>Penicillium</i>        | <i>aurantiogriseum</i>  | CBS 225.90 | CBS               | n.a. | - | n.a. |
|                           | <i>brevicompactum</i>   | TMW 4.2279 | TUM               | n.a. | - | n.a. |
|                           | <i>camembertii</i>      | DSM 1233   | DSM               | n.a. | - | n.a. |
|                           | <i>chrysogenum</i>      | CBS 573.68 | CBS               | n.a. | - | n.a. |
|                           | <i>commune</i>          | CBS 311.48 | CBS               | n.a. | - | n.a. |
|                           | <i>corylophilum</i>     | CBS 321.48 | CBS               | n.a. | - | n.a. |
|                           |                         |            |                   |      |   |      |

|                         |                       |            |                    |                    |                 |                    |
|-------------------------|-----------------------|------------|--------------------|--------------------|-----------------|--------------------|
|                         | <i>crustosum</i>      | CBS 499.73 | CBS                | n.a.               | -               | n.a.               |
|                         | <i>digitatum</i>      | DSM 62840  | DSM                | n.a.               | -               | n.a.               |
|                         | <i>expansum</i>       | DSM 62841  | DSM                | n.a.               | -               | n.a.               |
|                         | <i>glabrum</i>        | TMW 4.2027 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>griseofulvum</i>   | TMW4.1543  | TUM                | n.a.               | -               | n.a.               |
|                         | <i>italicum</i>       | DSM 62846  | DSM                | n.a.               | -               | n.a.               |
|                         | <i>janthinellum</i>   | TMW 4.2318 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>jensenii</i>       | TMW 4.2316 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>nalgiovense</i>    | TMW 4.1371 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>nordicum</i>       | BFE 487    | TUM                | n.a.               | -               | n.a.               |
|                         | <i>olsonii</i>        | TMW 4.1362 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>purpurescens</i>   | CBS 223.28 | CBS                | n.a.               | -               | n.a.               |
|                         | <i>purpurogenum</i>   | CBS 286.36 | CBS                | n.a.               | -               | n.a.               |
|                         | <i>roqueforti</i>     | CBS 221.30 | CBS                | n.a.               | -               | n.a.               |
|                         | <i>roseopurpureum</i> | TMW 4.1770 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>rugulosum</i>      | TMW 4.1902 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>stoloniferum</i>   | TMW 4.2280 | TUM                | n.a.               | -               | n.a.               |
|                         | <i>variabile</i>      | CBS 385.48 | CBS                | n.a.               | -               | n.a.               |
|                         | <i>verrucosum</i>     | CBS 603.74 | CBS                | n.a.               | -               | n.a.               |
|                         | <i>waksmanii</i>      | TMW 4.2317 | TUM                | n.a.               | -               | n.a.               |
| <i>Pseudogymnoascus</i> | <i>destructans</i>    | OT-38-2010 | OT <sup>14</sup>   | n.a.               | -               | n.a.               |
|                         | <i>pannorum</i>       | BBA 66108  | BBA                | n.a.               | -               | n.a.               |
| <i>Scopulariopsis</i>   | <i>acremonioides</i>  | TMW 4.2366 | TUM                | n.a.               | -               | n.a.               |
| <i>Stachybotrys</i>     | <i>albipes</i> *      | ATCC 18873 | ATCC <sup>15</sup> | n.a.               | -               | n.d. <sup>16</sup> |
|                         | <i>bisbyi</i>         | ATCC 22173 | ATCC               | n.a.               | -               | n.a.               |
|                         | <i>chartarum</i>      | S 1352     | LMU <sup>17</sup>  | S                  | + <sup>18</sup> | n.a.               |
|                         | <i>chartarum</i>      | S 1344     | LMU                | n.r. <sup>19</sup> | +               | n.a.               |
|                         | <i>chartarum</i>      | S 1349     | LMU                | S                  | +               | n.a.               |
|                         | <i>chartarum</i>      | S 1418/1   | LMU                | S                  | +               | n.a.               |
|                         | <i>chartarum</i>      | S BB2      | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | S BO1a     | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | S 1433     | LMU                | A                  | -               | n.d.               |
|                         | <i>chartarum</i>      | S 1432     | LMU                | A                  | -               | n.d.               |
|                         | <i>chartarum</i>      | S 1431     | LMU                | A                  | -               | n.d.               |
|                         | <i>chartarum</i>      | S 1409     | LMU                | A                  | -               | n.a.               |
|                         | <i>chartarum</i>      | S 1378     | LMU                | A                  | -               | n.d.               |
|                         | <i>chartarum</i>      | S 1362     | LMU                | A                  | -               | n.a.               |
|                         | <i>chartarum</i>      | S 1425     | LMU                | S                  | +               | n.a.               |
|                         | <i>chartarum</i>      | S BT3      | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | S BO2      | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | S BO1b     | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | CBS 324.65 | TUM                | H                  | -               | n.d.               |
|                         | <i>chartarum</i>      | CBS 414.95 | TUM                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | CBS 129.13 | TUM                | A                  | -               | n.d.               |
|                         | <i>chartarum</i>      | S 1244     | LMU                | A                  | -               | n.d.               |
|                         | <i>chartarum</i>      | R 24       | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | S 1433     | LMU                | A                  | -               | n.a.               |
|                         | <i>chartarum</i>      | S 1114     | LMU                | S                  | +               | +                  |
|                         | <i>chartarum</i>      | S6OW       | LMU                | H                  | -               | n.a.               |
|                         | <i>chartarum</i>      | S 1432     | LMU                | A                  | -               | n.d.               |

|                  |           |     |      |   |      |
|------------------|-----------|-----|------|---|------|
| <i>chartarum</i> | S 1074    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 1286    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 41      | LMU | H    | - | n.a. |
| <i>chartarum</i> | S 42      | LMU | H    | - | n.a. |
| <i>chartarum</i> | S 43      | LMU | H    | - | n.a. |
| <i>chartarum</i> | S 1493/1  | LMU | S    | + | +    |
| <i>chartarum</i> | S 1353    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 1341    | LMU | H    | - | n.d. |
| <i>chartarum</i> | S 1387    | LMU | A    | - | n.a. |
| <i>chartarum</i> | S 1342    | LMU | H    | - | n.d. |
| <i>chartarum</i> | S 1362    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 1335    | LMU | H    | - | n.d. |
| <i>chartarum</i> | S 1091    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 1166/2  | LMU | S    | + | +    |
| <i>chartarum</i> | S 1285    | LMU | H    | - | n.d. |
| <i>chartarum</i> | S 1455    | LMU | S    | + | +    |
| <i>chartarum</i> | S 1492    | LMU | S    | + | +    |
| <i>chartarum</i> | S 1494    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 1589    | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 3       | LMU | H    | - | n.d. |
| <i>chartarum</i> | S 4       | LMU | S    | + | +    |
| <i>chartarum</i> | S 5       | LMU | S    | + | +    |
| <i>chartarum</i> | S 9       | LMU | S    | + | +    |
| <i>chartarum</i> | S 16St    | LMU | S    | + | +    |
| <i>chartarum</i> | S 23St    | LMU | S    | + | +    |
| <i>chartarum</i> | S 24It/B  | LMU | A    | - | n.d. |
| <i>chartarum</i> | S 35It    | LMU | S    | + | +    |
| <i>chartarum</i> | S 48St    | LMU | S    | + | +    |
| <i>chartarum</i> | H 47A     | LMU | S    | + | +    |
| <i>chartarum</i> | H 47D     | LMU | S    | + | +    |
| <i>chartarum</i> | IBT 7709  | IBT | S    | + | n.a. |
| <i>chartarum</i> | IBT 8709  | IBT | A    | - | n.a. |
| <i>chartarum</i> | IBT 8935  | IBT | n.r. | + | n.a. |
| <i>chartarum</i> | Sp 2675   | TUM | S    | + | +    |
| <i>chartarum</i> | TMW_4.685 | TUM | A    | - | n.a. |
| <i>chartarum</i> | TMW_4.674 | TUM | A    | - | n.a. |
| <i>chartarum</i> | TMW_4.689 | TUM | S    | + | n.a. |
| <i>chartarum</i> | TMW_4.675 | TUM | A    | - | n.a. |
| <i>chartarum</i> | TMW_4.678 | TUM | A    | - | n.a. |
| <i>chartarum</i> | TMW_4.680 | TUM | A    | - | n.a. |
| <i>chartarum</i> | TMW_4.682 | TUM | A    | - | n.a. |
| <i>chartarum</i> | TMW_4.684 | TUM | A    | - | n.a. |
| <i>chartarum</i> | S 1077    | LMU | H    | - | n.a. |
| <i>chartarum</i> | S 1333    | LMU | H    | - | n.a. |
| <i>chartarum</i> | S 1334    | LMU | H    | - | n.a. |
| <i>chartarum</i> | S 1339    | LMU | H    | - | n.d. |
| <i>chartarum</i> | R10       | LMU | A    | - | n.a. |
| <i>chartarum</i> | R09       | LMU | A    | - | n.a. |
| <i>chartarum</i> | R07       | LMU | S    | + | n.a. |
| <i>chartarum</i> | R06       | LMU | S    | + | n.a. |

|                          |                       |            |      |      |   |      |
|--------------------------|-----------------------|------------|------|------|---|------|
|                          | <i>chlorohalonata</i> | S 48       | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.683  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.676  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.677  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.688  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.686  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.672  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | TMW_4.673  | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | IBT 40285  | IBT  | n.a. | - | n.d. |
|                          | <i>chlorohalonata</i> | H 47B      | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | H 47C      | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | H 42St     | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | S 44St     | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | S 24St/A   | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | S S01      | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | S 7        | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | S 1166/1   | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | CBS 413.95 | TUM  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | R04        | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | SBM29      | LMU  | n.a. | - | n.a. |
|                          | <i>chlorohalonata</i> | R01        | LMU  | n.a. | - | n.a. |
|                          | <i>cylindrospora</i>  | ATCC 16276 | ATCC | n.a. | - | n.d. |
|                          | <i>dichroa</i>        | ATCC 18913 | ATCC | n.a. | - | +    |
|                          | <i>elegans</i>        | DSM 66760  | DSM  | n.a. | - | n.a. |
|                          | <i>kampalensis</i>    | ATCC 22705 | ATCC | n.a. | - | n.d. |
|                          | <i>microspore</i>     | ATCC 18852 | ATCC | n.a. | - | n.a. |
|                          | <i>oenanthes</i>      | ATCC 22844 | ATCC | n.a. | - | n.d. |
| <i>Trichoderma</i>       | <i>harzianum</i>      | TMW 4.1502 | TUM  | n.a. | - | n.a. |
|                          | <i>virens</i>         | CBS 344.47 | CBS  | n.a. | - | n.a. |
| <i>Trichothecium</i>     | <i>roseum</i>         | CBS 567.50 | CBS  | n.a. | - | n.a. |
| <i>Zygosaccharomyces</i> | <i>bailii</i>         | DSM 70834  | DSM  | n.a. | - | n.a. |
|                          | <i>bisporus</i>       | TMW 3.062  | TUM  | n.a. | - | n.a. |
|                          | <i>rouxii</i>         | DSM 2531   | DSM  | n.a. | - | n.a. |

\*Anamorphic state of *Melanopsamma pomiformis*

<sup>1</sup> according to Ulrich et al. [34]

<sup>2</sup> according to the current study

<sup>3</sup> detection of macrocyclic trichothecenes according to [24, 34, 45, 46]

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<sup>5</sup> not applicable/not analysed

<sup>6</sup> negative result

<sup>7</sup> CBS strain collection at Westerdijk Fungal Biodiversity Institute, Utrecht, The Netherlands

<sup>8</sup> Deutsche Sammlung von Mikroorganismen und Zellkulturen, Darmstadt, DE

<sup>9</sup> Culture Collection of Fungi, Danish Technical University, Lyngby, Denmark

<sup>10</sup> Istituto Tossine e Micotossine da Parassiti Vegetali, CNR, Bari, IT

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<sup>12</sup> Julius Kühn Institut, Bundesforschungsinstitut für Kulturpflanzen, Berlin, DE

<sup>13</sup> South African Medical Research Council, Tygerberg, SA

<sup>14</sup> Leibniz-Institut für Zoo- und Wildtierforschung, Berlin, Deutschland

<sup>15</sup> ATCC American Type Culture Collection, Manassas, USA

<sup>16</sup> not detected

<sup>17</sup> strain collection at Chair of Food Safety, Ludwig-Maximilian-University, Munich, Germany

<sup>18</sup> positive result

<sup>19</sup> no result