

**Table S2.** Growth rate inhibition of *Rhizoctonia solani* in interaction with *Clonostachys rosea* strains

| Strain           | Mean <sup>1</sup> | Tukey grouping <sup>2</sup> |
|------------------|-------------------|-----------------------------|
| CBS 100000       | 14,083            | A                           |
| GJS94-122        | 14,083            | A                           |
| CBS 708.97       | 13,667            | A B                         |
| 1885             | 13,667            | A B                         |
| 1701             | 13,583            | A B C                       |
| JXLS-1-1         | 13,417            | A B C D                     |
| B14              | 13,417            | A B C D                     |
| GG-1-2           | 13,417            | A B C D                     |
| CBS 222.93       | 13,250            | A B C D E                   |
| GJS89-34         | 12,833            | A B C D E F                 |
| IBT7839          | 12,8333           | A B C D E F                 |
| <i>R. solani</i> | 12,667            | A B C D E F G               |
| 1882             | 12,583            | A B C D E F G               |
| 1884             | 12,333            | B C D E F G H               |
| 1832             | 12,2500           | B C D E F G H I             |
| NHH-48-2         | 12,167            | B C D E F G H I J           |
| CBS 704.97       | 12,0833           | B C D E F G H I J K         |
| SYP-4-2          | 12,000            | C D E F G H I J K L         |
| STG-21-1         | 12,000            | C D E F G H I J K L         |
| CBS 289.78       | 12,000            | C D E F G H I J K L         |
| B15              | 11,833            | D E F G H I J K L M         |
| CBS 438.70       | 11,750            | E F G H I J K L M N         |
| 1829             | 11,500            | F G H I J K L M N O         |
| 2176             | 11,417            | F G H I J K L M N O P       |
| CBS 100502       | 11,417            | F G H I J K L M N O P       |
| 2178             | 11,417            | F G H I J K L M N O P       |
| CBS 178.28       | 11,333            | F G H I J K L M N O P Q     |
| CBS 569.69       | 11,333            | F G H I J K L M N O P Q     |
| 1883             | 11,250            | F G H I J K L M N O P Q R   |
| CBS 115883       | 11,250            | F G H I J K L M N O P Q R   |
| IK216            | 11,1667           | G H I J K L M N O P Q R S   |
| CBS 216.74       | 11,167            | G H I J K L M N O P Q R S   |
| SHW-1-1          | 11,083            | G H I J K L M N O P Q R S T |
| SDT-5-1          | 11,083            | G H I J K L M N O P Q R S T |
| SHW-3-1          | 11,083            | G H I J K L M N O P Q R S T |
| 2177             | 11,083            | G H I J K L M N O P Q R S T |
| 1830             | 11,000            | G H I J K L M N O P Q R S T |
| JLB-7-1          | 10,833            | H I J K L M N O P Q R S T U |
| 1833             | 10,8333           | H I J K L M N O P Q R S T U |
| 1316             | 10,833            | H I J K L M N O P Q R S T U |
| CBS 287.78       | 10,750            | H I J K L M N O P Q R S T U |
| 1881             | 10,750            | H I J K L M N O P Q R S T U |
| CBS 548.79       | 10,667            | I J K L M N O P Q R S T U V |
| CBS 103.94       | 10,5833           | J K L M N O P Q R S T U V   |
| G-L-1-1          | 10,500            | K L M N O P Q R S T U V     |
| CBS 148.72       | 10,5000           | K L M N O P Q R S T U V     |
| NHH-61-2         | 10,417            | L M N O P Q R S T U V       |
| CBS 188.33       | 10,417            | L M N O P Q R S T U V       |
| CBS 907.72D      | 10,250            | M N O P Q R S T U V         |
| CBS 277.50       | 10,167            | N O P Q R S T U V W         |
| B13              | 10,083            | O P Q R S T U V W           |
| IK726            | 10,000            | O P Q R S T U V W           |
| 1827             | 10,000            | O P Q R S T U V W           |
| IK371            | 9,917             | O P Q R S T U V W           |
| CBS 376.55       | 9,833             | P Q R S T U V W             |
| CBS 706.97       | 9,750             | Q R S T U V W               |
| CBS 649.80       | 9,667             | R S T U V W                 |
| CMI192798        | 9,583             | S T U V W                   |
| CBS 907.72G      | 9,500             | T U V W                     |
| CBS 421.87       | 9,500             | T U V W                     |

|             |       |   |   |   |   |
|-------------|-------|---|---|---|---|
| CBS 193.94  | 9,500 | T | U | V | W |
| CBS 705.97  | 9,250 |   | U | V | W |
| CBS 154.27  | 9,083 |   |   | V | W |
| CBS 907.72E | 8,583 |   |   |   | W |

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<sup>1</sup> Values represent means of four replicates. *R. solani* intrinsic growth rate was included as a control

<sup>2</sup> Different letters indicate significant differences between strains according to Tukey's test ( $P < 0.05$ )

**Table S3.** Growth rate inhibition of *Botrytis cinerea* in interaction with *Clonostachys rosea* strains

| Strains           | Mean <sup>1</sup> | Tukey grouping <sup>2</sup> |
|-------------------|-------------------|-----------------------------|
| IBT7839           | 13,667            | A                           |
| 1832              | 13,500            | A B                         |
| GJS89-34          | 13,333            | A B C                       |
| CBS 421.87        | 13,333            | A B C                       |
| 1830              | 13,0833           | A B C D                     |
| 1881              | 12,833            | A B C D E                   |
| CBS 569.69        | 12,750            | A B C D E F                 |
| CBS 649.80        | 12,667            | A B C D E F G               |
| CBS 376.55        | 12,667            | A B C D E F G               |
| CBS 548.79        | 12,5833           | A B C D E F G H             |
| 1883              | 12,583            | A B C D E F G H             |
| IK726             | 12,2500           | A B C D E F G H I           |
| CMI192798         | 12,0833           | B C D E F G H I J           |
| CBS 706.97        | 12,083            | B C D E F G H I J           |
| CBS 216.74        | 12,083            | B C D E F G H I J           |
| JXLS-1-1          | 12,083            | B C D E F G H I J           |
| 1882              | 12,00             | C D E F G H I J K           |
| CBS 148.72        | 12,000            | C D E F G H I J K           |
| CBS100000         | 12,000            | C D E F G H I J K           |
| B13               | 11,9167           | C D E F G H I J K L         |
| CBS 907.72D       | 11,917            | C D E F G H I J K L         |
| CBS 277.50        | 11,917            | C D E F G H I J K L         |
| SHW-1-1           | 11,833            | D E F G H I J K L           |
| CBS 188.33        | 11,833            | D E F G H I J K L           |
| CBS 154.27        | 11,833            | D E F G H I J K L           |
| CBS 289.78        | 11,7500           | D E F G H I J K L M         |
| 2177              | 11,7500           | D E F G H I J K L M         |
| NHH-61-2          | 11,667            | D E F G H I J K L M         |
| SYP-4-2           | 11,5833           | E F G H I J K L M           |
| SHW-3-1           | 11,5833           | E F G H I J K L M           |
| G-L-1-1           | 11,583            | E F G H I J K L M           |
| CBS 438.70        | 11,583            | E F G H I J K L M           |
| IK216             | 11,500            | E F G H I J K L M N         |
| CBS 907.72G       | 11,5000           | E F G H I J K L M N         |
| CBS 287.78        | 11,500            | E F G H I J K L M N         |
| CBS 193.94        | 11,4167           | E F G H I J K L M N O       |
| 1885              | 11,4167           | E F G H I J K L M N O       |
| 1833              | 11,417            | E F G H I J K L M N O       |
| CBS 907.72E       | 11,417            | E F G H I J K L M N O       |
| CBS 115883        | 11,417            | E F G H I J K L M N O       |
| GJS94-122         | 11,333            | F G H I J K L M N O         |
| CBS 705.97        | 11,333            | F G H I J K L M N O         |
| GG-1-2            | 11,333            | F G H I J K L M N O         |
| B14               | 11,250            | G H I J K L M N O           |
| CBS 103.94        | 11,2500           | G H I J K L M N O           |
| NHH-48-2          | 11,1667           | H I J K L M N O             |
| 1316              | 11,000            | I J K L M N O               |
| JLB-7-1           | 10,917            | I J K L M N O P             |
| <i>B. cinerea</i> | 10,889            | I J K L M N O P Q           |
| 1827              | 10,833            | I J K L M N O P Q           |
| 2178              | 10,750            | J K L M N O P Q             |
| 1701              | 10,750            | J K L M N O P Q             |
| B15               | 10,67             | J K L M N O P Q             |
| 1829              | 10,583            | K L M N O P Q               |
| STG-21-1          | 10,500            | L M N O P Q                 |
| IK371             | 10,500            | L M N O P Q                 |
| CBS 178.28        | 10,500            | L M N O P Q                 |
| CBS 708.97        | 10,333            | M N O P Q                   |
| CBS 222.93        | 10,083            | N O P Q                     |
| SDT-5-1           | 10,000            | O P Q R                     |

|            |        |   |   |   |   |
|------------|--------|---|---|---|---|
| CBS 100502 | 10,000 | O | P | Q | R |
| CBS 704.97 | 9,5000 |   | P | Q | R |
| 1884       | 9,417  |   |   | Q | R |
| 2176       | 8,583  |   |   |   | R |

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<sup>1</sup> Values represent means of four replicates. *B. cinerea* intrinsic growth rate was included as a control

<sup>2</sup> Different letters indicate significant differences between strains according to Tukey's test ( $P < 0.05$ )

**Table S4.** Growth rate inhibition of *Fusarium graminearum* in interaction with *Clonostachys rosea* strains

| Strains               | Mean <sup>1</sup> | Tukey grouping <sup>2</sup> |   |   |
|-----------------------|-------------------|-----------------------------|---|---|
| NHH-61-2              | 8,400             | A                           |   |   |
| 1830                  | 7,933             | A                           | B |   |
| <i>F. graminearum</i> | 7,900             | A                           | B |   |
| 1701                  | 7,400             | A                           | B | C |
| CBS 376.55            | 7,000             | A                           | B | C |
| CBS 193.94            | 7,000             | A                           | B | C |
| GL-1-1                | 6,933             | A                           | B | C |
| 1832                  | 6,733             | A                           | B | C |
| CBS 649.80            | 6,667             | A                           | B | C |
| CBS 148.72            | 6,667             | A                           | B | C |
| 1881                  | 6,667             | A                           | B | C |
| CBS 706.97            | 6,533             | A                           | B | C |
| 1884                  | 6,533             | A                           | B | C |
| 1883                  | 6,533             | A                           | B | C |
| 178.28                | 6,533             | A                           | B | C |
| CMI192798             | 6,467             | A                           | B | C |
| IBT7839               | 6,467             | A                           | B | C |
| IK726                 | 6,400             | A                           | B | C |
| CBS 277.50            | 6,400             | A                           | B | C |
| 2176                  | 6,400             | A                           | B | C |
| 1829                  | 6,400             | A                           | B | C |
| CBS 907.72E           | 6,400             | A                           | B | C |
| 1885                  | 6,333             | A                           | B | C |
| CBS 188.33            | 6,333             | A                           | B | C |
| CBS 100000            | 6,267             | A                           | B | C |
| CBS 907.72D           | 6,200             | A                           | B | C |
| JXLS-1-1              | 6,133             | A                           | B | C |
| CBS 704.97            | 6,133             | A                           | B | C |
| CBS 100502            | 6,133             | A                           | B | C |
| CBS 154.27            | 6,133             | A                           | B | C |
| 1316                  | 6,133             | A                           | B | C |
| 1833                  | 6,000             | A                           | B | C |
| GJS89-34              | 5,933             | A                           | B | C |
| CBS 289.78            | 5,867             |                             | B | C |
| CBS 421.87            | 5,833             | A                           | B | C |
| CBS 705.97            | 5,800             |                             | B | C |
| CBS 569.69            | 5,800             |                             | B | C |
| NHH-48-2              | 5,733             |                             | B | C |
| 2177                  | 5,733             |                             | B | C |
| 1882                  | 5,733             |                             | B | C |
| STG-21-1              | 5,667             |                             | B | C |
| IK371                 | 5,667             |                             | B | C |
| IK216                 | 5,667             |                             | B | C |
| B13                   | 5,667             |                             | B | C |
| JLB-7-1               | 5,600             |                             | B | C |
| CBS 708.97            | 5,600             |                             | B | C |
| 1827                  | 5,600             |                             | B | C |
| SYP-4-2               | 5,533             |                             | B | C |
| SDT-5-1               | 5,533             |                             | B | C |
| 2178                  | 5,467             |                             | B | C |
| CBS 222.93            | 5,333             |                             |   | C |
| CBS 907.72G           | 5,333             |                             |   | C |
| SHW-1-1               | 5,133             |                             |   | C |
| GG-1-2                | 5,133             |                             |   | C |

<sup>1</sup> Values represent means of five replicates. *F. graminearum* intrinsic growth rate was included as a control

<sup>2</sup> Different letters indicate significant differences between strains according to Tukey's test ( $P < 0.05$ )

**Table S5.** Growth rate inhibition of *Aphanomyces euteiches* in interaction with *Clonostachys rosea* strains

| Strains             | Mean <sup>1</sup> | Tukey grouping <sup>2</sup> |
|---------------------|-------------------|-----------------------------|
| JXLS-1-1            | 8,039             | A                           |
| 1883                | 8,036             | A                           |
| CBS 705.97          | 8,0025            | A                           |
| 1881                | 7,9860            | A                           |
| 1882                | 7,944             | A                           |
| CBS 178.28          | 7,895             | A                           |
| 1832                | 7,881             | A                           |
| CBS 222.93          | 7,874             | A                           |
| <i>A. euteiches</i> | 7,863             | A                           |
| 1830                | 7,844             | A                           |
| CBS 907.72D         | 7,8419            | A                           |
| 1884                | 7,836             | A                           |
| 1827                | 7,830             | A                           |
| CBS 100502          | 7,795             | A                           |
| STG-21-1            | 7,788             | A                           |
| 1885                | 7,768             | A                           |
| CBS 188.33          | 7,764             | A                           |
| GL-1-1              | 7,750             | A                           |
| CBS 289.78          | 7,744             | A                           |
| NHH-61-2            | 7,734             | A                           |
| IBT7839             | 7,731             | A                           |
| CBS 154.27          | 7,714             | A                           |
| CMI192798           | 7,701             | A                           |
| CBS 193.94          | 7,6955            | A                           |
| CBS 376.55          | 7,677             | A                           |
| JLB-7-1             | 7,6650            | A                           |
| CBS 100000          | 7,659             | A                           |
| SHW-1-1             | 7,654             | A                           |
| 1316                | 7,632             | A                           |
| CBS 907.72G         | 7,6195            | A                           |
| CBS 421.87          | 7,595             | A                           |
| 1701                | 7,569             | A                           |
| 2177                | 7,530             | A                           |
| CBS 277.50          | 7,480             | A                           |
| GJS89-34            | 7,473             | A                           |
| 1833                | 7,4250            | A                           |
| CBS 649.80          | 7,411             | A                           |
| CBS 706.97          | 7,407             | A                           |
| CBS 704.97          | 7,384             | A                           |
| B13                 | 7,361             | A                           |
| CBS 907.72E         | 7,359             | A                           |
| CBS 148.72          | 7,342             | A                           |
| SDT-5-1             | 7,317             | A                           |
| 2178                | 7,293             | A                           |
| IK216               | 7,272             | A                           |
| IK371               | 7,264             | A                           |
| IK726               | 7,197             | A                           |
| CBS 569.69          | 7,040             | A                           |
| SYP-4-2             | 6,9750            | A                           |
| NHH-48-2            | 6,702             | A                           |
| 2176                | 6,619             | A                           |
| GG-1-2              | 6,598             | A                           |
| 1829                | 6,563             | A                           |
| CBS 708.97          | 6,472             | A                           |

<sup>1</sup> Values represent means of five replicates. *A. euteiches* intrinsic growth rate was included as a control<sup>2</sup> Different letters indicate significant differences between strains according to Tukey's test ( $P < 0.05$ )