**Table S1** Sequences of primers used in this study

|  |  |
| --- | --- |
| Primer name  | Sequence (5’-3’) |
| *fkbW-U*-F | AGTGACCGTCCGGGGCATC |
| *fkbW-U*-R | GTTCTTCGGCCTGAGCGGAT |
| *fkbU-R2*-F | GTACATGTTCAGCCGGCCCG |
| *fkbU-R2*-R | AACCAGGACGGTGTCATCGTC |
| *fkbR2*-R1-F | AACCAGGACGGTGTCATCGTC |
| *fkbR2*-R1-R | ACCGAGCTGAGCACGCTGC |
| *fkbF-G*-F | ACGCGAGTCCCTTCTCCACC |
| *fkbF-G*-R | TCCCGATCTCCAGCACCTGA |
| *fkbH-I*-F | TCGTGGTCGTTCTTGCTCGC |
| *fkbH-I*-R | ATGCTGGTCGCGGCGTCAC |
| *fkbK-L*-F | ACCTCGACCGTCGGGATCAG |
| *fkbK-L*-R | CGTTCATCTGCGTCGACCAT |
| *fkbL-C*-F | ACTGCCGCTGTCGTCGTCGA |
| *fkbL-C*-R | GAACTGCTGTCCCCGGACGA |
| *fkbN-Q*-F | ATGGAGCACACCGCGCGAAG |
| *fkbN-Q*-R | ATCGGTGACGACGATCCGAAG |
| *fkbP-A*-F | TTGCACGAAACCGTGCTCGG |
| *fkbP-A*-R | TTCTGGAGTTCCGCGGTCGC |
| *fkbC-B*-F | CCAGGCGATTTCGAGGAGGA |
| *fkbC-B*-R | GGGAACAGGTGCTGCTCGGC |
| *fkbW*-RT-F | ATGGTTCTGCCCCTCGGTGTC |
| *fkbW*-RT-R | AGTGACCGTCCGGGGCATC |
| *fkbU*-RT-F | CGCCGTTCCGGGGAATCC |
| *fkbU*-RT-R | GCCACGAGACGGGTGAGCAC |
| *fkbR1*-RT-F | GTGGTTCACGGCCTTGGCC |
| *fkbR1*-RT-R | ACGCCCACTCGTCGCTCCA |
| *fkbE*-RT-F | GCACGGTGCGTGGCATGT |
| *fkbE*-RT-R | TCCACCAAGGCGTGCAGGT |
| *fkbB*-RT-F | ACGCCGAACTCGCCCACTT |
| *fkbB*-RT-R | AGGAGACGCAGTCCGGTGCC |
| *fkbO*-RT-F | ATGACCGATGCCGGACGC |
| *fkbO*-RT-R | CGTCACCCTCGAGGTCCGGT |
| *fkbS*-RT-F | TGCGTGACCTTCTTCAGGCG |
| *fkbS*-RT-R | ATCGGGGTGCTTCTCATGGG |
| 16S- RT-F | AAGGCGACGACGGGTAGCCG |
| 16S- RT-F | CACTTGCGCTTCTTCCCTGC |
| RAPD-1 | ACTTCGCCAC |
| RAPD-2 | GGTGCGGGAA |
| RAPD-3 | CATCGCCGCA |

**Figure S1**

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**R: CH2CH3 Ascomycin**

 **CH2CH=CH2  Tacrolimus**

**Figure S2**

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