

S1: FASTA nucleotide sequences of the identified fungal and bacterial isolates.

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1      AAAGTCGTAA AGGTCTCCGT TGGTGAACCA GCGGAGGGAT CATTACTGAG TTTACGCTCT
61     ATAACCCTTT GTGAACATAC CTAACCGTTG CTTTCGGCGGG CGGGAGGTCC GCCTCCCCCG
121    GCCCCGCTCG CGGGGAGCCC GCCGGAGGAA AAACCCAAC TTTATGGAAA CGACGTCCTCT
181    TCTGAGTGGC ACAAGCAATC AAAACTAACA ACGGATCTCT TGGTTC'TGGC ATCGATGAAG
241    AACGCAGCGA AATGATAAGT AATGTGAACA GAATTCAGTG AATCATCGAA TCTTTGAACG
301    CACATTGCGC CCGCCAGCAT TCTGGCGGGC ATGCCTGTTT GAGCGTCATT TCAACCCATA
361    GCACCGCTTG GCGTTGGGGC TTCCACGGCT GACGTGGGCC CTAAGACAGT GCGGACCCCT
421    CGCGGAGCCT CTTTTCGTA GTAACATGCC ACCTCGCACC GGGACCCGCA GGGCACTCCT
481    GCCGTAAAC CCCCAATTT TTACAAGGTT GACCTCGGAT CAGGTAGGCC GCTGAAC'TTA
541    AGCA
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S1-a. Nucleotide sequence of *Colletotrichum orbiculare* isolate NatBD-6, rRNA, partial sequence, (accession no. PP837831).

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1      TAAGGTTTCG GTAGGTGAAC CTGCGGGAGG GATCATTACT GAGTGAGGGC CTTTCGGGCTC
61     GACCTCCAAC CTTTGTGAA CACAAC'TGT TGCTTCGGGG GCGACCC'TGC CGTTTCGACG
121    GCGAGCGTTC CCGGAGGCCT TCAAACACTG CATCTTTGCG TCGGAGTTTA AGTAAAT'TAA
181    AAAAACTTT CAACAACGGA TCTCTTGGTT CTGGCATCGA TGAAGAACGC AGCGAAATGC
241    GATAAGTAAT GTGAATTGCA GAATTCAGTG AATCATCGAA TCTTTGAACG CACATTGCGC
301    CCCTTGGTAT TCCGAGGGGC ATGCCTGTTT GAGCGTCATT TCACCACTCA AGCCTCGCTT
361    GGTATTCCGC GCCGCGGTGT TCCGCGCGCC TCAAAGTCTC CGGCTGAGCT GTCCGTCTCT
421    AAGCGTTGTG ATTTCA'TTA TCGCTTCGGA GCGCGGGCGG TCGCGGCCGT TAAATCTTTC
481    ACAAGGTTGA CCTCGGATCA GGTAGGGATA CCCGCTGAAC TTGTAGCATA TCAATAAAGC
541    CGGAGGAA
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S1-b. Nucleotide sequence of *Cercospora citrullina* isolate NatBD-7, rRNA, partial sequence, (accession no. PP837832).

1 TTCCCTTCGT CCATTTATTT ATATGACACT CAAGCACATA ATCCTTAATT GGCTTCCGGA
 61 TCCCACCATG CGCCCATTCCT CATGAGGATG TGGTTCCATC TTGAATCGTA GGCGTGCAGG
 121 ACAGTAGGCC TCGAGAGTTC CGATAATTTT TTTCCGTAAG GGTAACCTGC GGAGGGATCA
 181 TTACCGAGTT TACAACCTCC AAACCCCTGT GAACATACCA CTTGTTGCCT CGGCGGATCA
 241 GCCCGCTCCC GGTAACACGG GACGGCCCGC CAGAGGACCC CTAAACCTCT GTTTCCTATAT
 301 GTAACCTCTG AGTGGAACCA TAAATAAATC AAAACTTTCA ACAACGGATC TCTTGGTTCT
 361 GGCATCGATG AAGAACGCAG CAAAATGCGA TAAGTAATGT GAATTGCAGA ATTCAGTGAA
 421 TCATCGAATC TTTGAACGCA CATTGCGAAC GCCAGTATTC TGGCGGGCAT GCCTGTTCTGA
 481 GCGTCATTTT AACCCCTCAAG CACAGCTTGG TGTGGGACT CGCGTTAATT CGCGTTCCTC
 541 AAATTGATTG GCGGTCACGT CGAGCTTCCA TAGCGTAGTA GTAAACCCCT CGTTACTGGT
 601 AATCGTCGCG GCCACGCCG TTAAACCCCA CTTCTGAATG TGACCTCGGA TCATG

S1-c. Nucleotide sequence of *Fusarium oxysporum* isolate NatBD-8, rRNA, partial sequence, (accession no. PP837833).

1 CCTTCCGTAG GTGAACCTGC GGAAGGATCA TTACCTAGAG TTGCGGGCTT TGCCTGCCAT
 61 CTCTTACCCA TGTCTTTTGA GTACCTTCGT TTCTCGGCG GGTTCGCCCG CCGGTTGGAC
 121 AACACTTAAA CCCTTTGTAA TTGAAATCAG CGTCTGTCAA ACTTTAATAG TTACAACTTT
 181 CAACAACGGA TCTCTTGGTT CTGGCATCGA TGAAGAACGC AGCGAAATGC GATAAGTAGT
 241 GTGAATTGCA GAATTCAGTG AATCATCGAA TCTTTGAACG CACATTGCGC CCCTTGGTAT
 301 TCCATGGGGC ATGCCGTGTT GAGCGTCATT TGTACCTTCA AGCTCTGCTT GGTGTTGGGT
 361 GTTTGTCTCG CCGCTTGCGC GCAGACTCGC CTCAAAACGA TTGGCAGCCG GCGTATTGAT
 421 TTCGGAGCGC AGTACATCTC GCGCTTTGCA CTCACAACGA CGACGTCCAA AAAGTACATT
 481 TTACACTCTG ACCTCGGATC AGTAGCTCCC GC

S1-d. Nucleotide sequence of *Stagonosporopsis cucurbitacearum* isolate SylBD-1, rRNA, partial sequence, (accession no. PP837834).

1 TATAGACCAA AAGGAGAATT ACTGTTCTTG CGGGGTCCAA GTCTTTGCGG TTCTTGGTCA
 61 TCTAGAGGAA GTAAAAGTCG TAACAAGGTT TCCGTAGGTG AACCTGCGGA AGGATCATTA
 121 CTGAGCGCGA GGCCCCGCAG CGCGCACGCG CTGCGGCGGT TGACCC'TCCA CCCGTGTGAA
 181 CTCTTATCTG TTGCTTTGGC GGGCCGGGCT CGACCTGCCG GCTCCGGCTG GCGAGTGCCC
 241 GTCAGAGAAG CCCCAACTCG TGCTGTGAGT GTTGTATGAG GAAATGTGGA ATTAGTGGAA
 301 CTTTTATCAA CGGATCTCTT GGCTCTGGCA TCGATGAAGA ACGCAGCGAA ATGCGATAAG
 361 TAATGAGAAT TGCAGAACTT AGTGAATCAT CGAATCCTTG AACGCACATT GCGCCCCCGG
 421 GCATTCCGAG GGGCATGCCT GTTCGAGCGT CAGAACCCCC CTCAAGCCTA GCTTGGTCTT
 481 GGGGCTCGCC GGCTCGGCGG CCCCTAAACG CAGTGGCGGT GCCGGTGTGC TCTGCCGAGT
 541 AGTCATGTAT CTCGCGACAG AGTGGGCGAC GCACCTCACA GAACCCCCAG TTCTATAGGA
 601 TGACCTTA

S1-e. Nucleotide sequence of *Pseudoperonospora cubensis* isolate SylBD-2, rRNA, partial sequence, (accession no. PP837835).

1 CCACACCTAA AAAACTTTCC ACGTGAACCG TATCAACCCT TTAGTTGGGG GTCTTGTACC
 61 CTATCATGGC GAATGTTTGG ACTTCGGTCC GGGCGAGTAG CTTTTTGT'TT TAAACCCATT
 121 TCACAATTCT GATTATACTG TGGGGACGAA AGTCTCTGCT TTTAACTAGA TAGCAACTTT
 181 CAGCAGTGGA TGTCTAGGCT CGCACATCGA TGAAGAACGC TGCGAACTGC GATACGTAAT
 241 GCGAATTGCA GGATTCACTG AGTCATCGAA ATTTTGAACG CATATTGCAC TTCCGGGTTA
 301 GTCC'TGGGAG TATGCC'TGTA TCAGTGTCCG TACATCAAAC TTGGCTTTCT TCCTTCCGTG
 361 TAGTCGGTGG AGGATGTGCC AGATGTGAAG TGTCTTGCCT GTTGTCC'TT GGGTCGACTG
 421 CGAGTCC'TTT TAAATGTACT GAACTGTACT TCTCTTTGCT CGAAAAGCGT GGTGTTGCTG
 481 GTTGTGGAGG CTGCCTGCGT GGCCAGTCGG CGACCGGGTT GTCTGCTGCG GCGTTTAAAG
 541 GAGGAGTGTT CGATTGCGGG TATGGTTGGC TTCGGCTGAA CAGGCGCTTA TTGAATGCTT
 601 TTCCTGCTGT GGCCTGATGG GCTGGTGAAC CGTAGCTGTG TTTGGCTTGG CGTTTGAATC
 661 GGCTTTGCTG TTGCGAAGTT GAGTGGCGGC TTCGGCTGTC GAGGGTCGAT CCATTTTGGG
 721 AACTTTGTGT GCACTTCGGT GCGCATCTCA A

S1-f. Nucleotide sequence of *Phytophthora capsici* isolate SylBD-3, rRNA, partial sequence, (accession no. PP837836).

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1      TCTTTCGGATG CTGACGAGTG GCGAACGGGT GAGTAATACA TCGGAACGTG CCCGATCGTG
61     GGGGATAACG AGGCGAAAAGC TTTGCTAATA CCGCATAAGA TCTATGGATG AAAGCAGGGG
121    ACCGCAAGGC CTTGCGCGAA CGGAGCGGCC GATGGCAGAT TAGGTAGTTG GTGGGGTAAA
181    GGCTTACCAA GCCTACGATC TGTAGCTGGT CTGAGAGGAC GACCAGCCAC ACTGGGACTG
241    AGACACGGCC CAGACTCCTA CGGGAGGCAG CAGTGGGGAA TTTTGGACAA TGGGCGCAAG
301    CCTGATCCAG CCATGCCGCG TGCAGGATGA AGGCCTTCGG GTTGTAAACT GCTTTTGTAC
361    GGAACGAAAA GCCTTCTTCT AATAAAGGGG GGTCATGACG GTACCGTAAG AATAAGCACC
421    GGCTAACTAC GTGCCAGCAG CCGCGGTAAT ACGTAGGGTG CAAGCGTTAA TCGGAATTAC
481    TGGGCGTAAA GCGTGCGCAG GCGGTGATGT AAGACAGATG TGAATCCCC GGGCTCAACC
541    TGGGAAC TGC ATTTGTGACT GCATCGCTGG AGTACGGCAG AGGGGGATGG AATTCGCGCT
601    GTAGCAGTGA AATGCGTAGA TATGCGGAGG AACACCGATG GCGAAGGCAA TAACCTGGGC
661    CTGTACTGAC GCTCATGCAC GAAAGCGTGG GGAGCAAACA GGATTAGATA CCCTGGTAGT
721    CCACGCCCTA AACGATGTCA ACTGGTTGTT GGGTCTTCAC TGACTCAGTA ACGAAGCTAA
781    CGCGTGAAGT TGACCGCCTG GGGAGTACGG CCGCAAGGTT GAAACTCAAA GGAATTGACG
841    GGGACCCGCA CAAGCGGTGG ATGATGTGGT TTAATTCGAT GCAACGCGAA AAACCTTACC
901    CACCTTTGAC ATGTACGGAA TCCTTTAGAG ATAGAGGAGT GCTCGAAAGA GAACCGTAAC
961    ACAGGTGCTG CATGGCTGTC GTCAGCTCGT GTCGTGAGAT GTTGGGTTAA GTCCCGCAAC
1021   GAGCGCAACC CTTGCCATTA GTTGCTACGA AAGGGCACTC TAATGGGACT GCCGGTGGCA
1081   AACCGGAGGA AGGTGGGGAT GACGTCAAGT CCTCATGGCC CTTATAGGTG GGGCTACACA
1141   CGTCATACAA TGGCTGGTAC AGAGGGTTGC CAACCCGCGA GGGGGAGCTA ATCCCATAAA
1201   GCCAGTCGTA GTCCGGATCG CAGTCTGCAA CTCGACTGCG TGAAGTCGGA ATCGCTAGTA
1261   ATCGCGGATC AGCATGTCGC GGTGAATACG TTCCCGGGTC TTGTACACAC CGCCCGTCAC
1321   ACCATGGGAG CGGGTTCTGC CAGAAGTAGG TAGCCTAACC GTAAGGA

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S1-g. Nucleotide sequence of *Acidovorax citrulli* isolate SylBD-4, 16s rDNA, partial sequence, (accession no. PP837828).

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1      CTACACATGC AGTCGAGCGG CAGCACGGGT ACTTGTACCT GGTGGCGAGC GGC GGACGGG
61     TGAGTAATGC CTAGGAATCT GCCTGGTAGT GGGGGATAAC GCTCGGAAAC GGACGC'TAAT
121    ACCGCATACG TCC'TACGGGA GAAAGCAGGG GACCTTCGGG CCTTGCGC'TA TCAGATGAGC
181    CTAGGTCGGA TTAGCTAGTT GGTGAGGTAA TGGCTCACCA AGGCGACGAT CCGTA'ACTGG
241    TCTGAGAGGA TGATCAGTCA CACTGGA'ACT GAGACACGGT CCAGACTCCT AC'GGGAGGCA
301    GCAGTGGGGA ATATTGGACA ATGGGCGAAA GCCTGATCCA GCCATGCCGC GTGTGTGAAG
361    AAGGTC'TTCG GATTGTAAAG CACTTTAAGT TGGGAGGAAG GGCAGTTACC TAATACGTGA
421    TTGTTTTGAC GGTACCGACA GAATAAGCAC CACCTAACTC TGTGCCAGCA GCCGCGGTAA
481    TACAGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCGCGTA GGTGG'TTTGT
541    TAAGTTGAAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCAAAAC TGGCAAGCTA
601    GAGTATGGTA GAGGGTGGTG GAAT'TTCCTG TGTAGCGGT GAAATGCGTAG ATATAGGAAG
661    GAACACCAGT GCGGAAGGCG ACCACCTGGA CTGATACTGA CACTGAGGTG CGAAAGGTGG
721    GGAGCAAACA GGATTAGATA CCCTGGTAGT CCACGCCGTA AACGATGTCA ACTAGCCGTT
781    GGGAGCCTTG AGCTCTTAGT GGC'GCAGCTA ACGCATTAAG TTGACCGCCT GGGGAGTACG
841    GCCGCAAGGT TAA'AACTCAA ATGCC'TTGAC GGGGGCCCCG ACAAGCGGTG GAGCATGTGG
901    TTTAATTCGA AGCAACGCGA AGAACCTTAC CAGGCC'TTGA CATCCAATGA ACTTTCCAGA
961    GATGGATTGG TGCCTTCGGG AACATTGAGA CAGGTGCTGC ATGGCTGT'CG TCAGCTCGTG
1021   TCGTGAGATG TTGGGTTAAG TCCCGTAACG AGCGCAAAAC TTGTCCTTAG TTACCAGCAC
1081   GTTAAGGTGG GCACTCTAAG GAGACTGCCG GTGACAAACC GGAGGAAGGT GGGGATGACG
1141   TCAAGTCATC ATGGCCCTTA CGGCC'TGGG CACACACGTG CTACAATGGT CGGTACAGAG
1201   GGTTGCCAAG CCGCGAGGTG GAGCTAATCT CACAAAACCG ATCGTAGTCC GGATCGCAGT
1261   CTGCAACTCG ACTGCGTGAA GTCGGAATCG CTAGTAATCG CGAATCAGAA TGTCGCGGTG
1321   AATACGTTCC CGGGCCTTGT ACACACCGCC CGTCACACCA TGGGAGTGGG TTGCACCAGA
1381   AGTAGCTAGT CTAACCTTGC GG

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S1-h. Nucleotide sequence of *Pseudomonas syringae* isolate SylBD-5, 16s rDNA, partial sequence, (accession no. PP837829).

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1      CATGCAGTCG AGCGGTAGCA CAGGGGAGCT TGCTCCCTGG GTGACGAGCG GCGGACGGGT
61     GAGTAATGTC TGGGAAACTG CCTGATGGAG GGGGATAACT ACTGGAAACG GTAGCTAATA
121    CCGCATAACG TCGCAAGACC AAAGAGGGGG ACC'TTCGGGC C'TC'TTGCCAT CAGATGTGCC
181    CAGATGGGAT TAGCTAGTAG GTGGGGTAAT GGCTCACCTA GGCGACGATC CCTAGCTGGT
241    CTGAGAGGAT GACCAGCCAC ACTGGAACTG AGACACGGTC CAGACTCCTA CGGGAGGCAG
301    CAGTGGGGAA TATTGCACAA TGGGCGCAAG CCTGATGCAG CCATGCCGCG TGTGTGAAGA
361    AGGCC'TTCGG GTTGTAAAGC ACT'TTCAGCG AGGAGGAAGG TGGTGAGC'TT AATACGCTCA
421    TCAATTGACG TTACTCGCAG AAGAAGCACC GGCTAACTCC GTGCCAGCAG CCGCGGTAAT
481    ACGGAGGGTG CAAGCGTTAA TCGGAATTAC TGGGCGTAAA GCGCACGCAG GCGGTTTGT
541    AAGTCAGATG TGAATCCCC GGGCTCAACC TGGGAACTGC ATTTGAACT GGCAAGCTAG
601    AGTCTCGTAG AGGGGGGTAG AATTCCAGGT GTAGCGGTGA AATGCGTAGA GATCTGGAGG
661    AATACCGGTG GCGAAGGCGG CCCCCTGGAC GAAGACTGAC GCTCAGGTGC GAAAGCGTCC
721    GGAGCAAACA GGATTAGATA CCCTGGTAGT CCACGCTGTA AACGATGTCG ATTTGGAGGT
781    TGTGCCCTTG AGGCGTGGCT TCCGGAGCTA ACGCGTTAAA TCGACCGCCT GGGGAGTACG
841    GCCGCCAGGT TAAAACTCAA ATGAATTGAC GGGGGCCCGC ACAAGCGGTG GAGCATGTGG
901    TTTAATTCTGA TGCAACGCGA AGAACCTTAC CTACTCTTGA CATCCAGAGA ACTTAGCAGA
961    GATGCTTTGG TGCTTTCGGG AACTCTGAGA CAGGTGCTGC ATGGCTGTCTG TCAGCTCGTG
1021   TTGTGAAATG TTGGGTTAAG TCCCGCAACG AGCGCAACCC TTATCCTTTG TTGCCAGCGG
1081   TTCGGCCGGG AACTCAAAGG AGACTGCCAG TGATAAACTG GAGGAAGGTG GGGATGACGT
1141   CAAGTCATCA TGGCCCTTAC GAGTAGGGCT ACATACGTGC TACAATGGCA TATACAAAGA
1201   GAAGCGAGGT CGCGAGAGCA AGCGGACCTC ATAAAGTATG TCGTAGTCCG GATTGGAGTC
1261   TGCAACTCGA CTCCATGAAG TCGGAATCGC TAGTAATCGT AGATCAGAAT GCTACGGTGA
1321   ATACGTTCCC GGGCCTTGTA CACACGCCC GTCACACCAT GGGAGTGGGT TGCAAAAGAA
1381   GTAGGTAGCT TAACCTTCGG GAGGGCGCTA

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S1-i. Nucleotide sequence of *Serratia marcescens* isolate NatBD-9, 16s rDNA, partial sequence, (accession no. PP837830).