

Table S3: Fungal isolates obtained by the baiting method

| | Fungi | Isolates codes | Localities | Sampled localities coordinates |
|----|--------------------------------|-----------------------|-------------------|---------------------------------------|
| 1 | <i>Beauveria bassiana</i> | A211 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 2 | <i>Beauveria bassiana</i> | A214a | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 3 | <i>Beauveria bassiana</i> | A214b | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 4 | <i>Penicillium</i> sp. | A131 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 5 | <i>Penicillium expansum</i> | A321 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 6 | <i>Aspergillus terreus</i> | A324 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 7 | <i>Neocosmospora solani</i> | A34 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 8 | <i>Trichoderma harzianum</i> | A331 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 9 | <i>Talaromyces amestolkiae</i> | A213 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 10 | <i>Talaromyces</i> sp. | A212 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 11 | <i>Penicillium</i> sp. | A242 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 12 | <i>Rhizopus arrhizus</i> | A122 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 13 | <i>Fusarium</i> sp. | A323 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 14 | <i>Aspergillus terreus</i> | A325 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 15 | <i>Neocosmospora solani</i> | A311 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 16 | <i>Neocosmospora solani</i> | A241 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 17 | <i>Neocosmospora solani</i> | A332 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 18 | <i>Fusarium oxysporum</i> | A322 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 19 | <i>Fusarium</i> sp. | A121 | Agnibilékrou | 7°7.8678'N,3°12.249'W |
| 20 | <i>Fusarium</i> sp. | Fe25 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 21 | <i>Neocosmospora solani</i> | Fe332 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 22 | <i>Neocosmospora solani</i> | Fe11 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 23 | <i>Fusarium oxysporum</i> | Fe152 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 24 | <i>Fusarium oxysporum</i> | Fe331 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 25 | <i>Fusarium</i> sp. | Fe23 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 26 | <i>Fusarium</i> sp. | Fe321 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |

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| 27 | <i>Fusarium oxysporum</i> | Fe12 | Ferkessedougou | 9° 35' 37" N, 5° 11' 50"W |
| 28 | <i>Neocosmospora solani</i> | G151 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 29 | <i>Neocosmospora solani</i> | G35 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 30 | <i>Neocosmospora solani</i> | G332 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 31 | <i>Fusarium oxysporum</i> | G152 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 32 | <i>Fusarium oxysporum</i> | G331 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 33 | <i>Fusarium oxysporum</i> | G132 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 34 | <i>Fusarium</i> sp. | G212 | Gagnoa | 6° 08' 00"N, 5° 56' 00"W |
| 35 | <i>Fusarium</i> sp. | Ko211 | Korhogo | 9°25'0.0012"N,5°37'0.0012"W |
| 36 | <i>Neocosmospora solani</i> | Ko111 | Korhogo | 9°25'0.0012"N,5°37'0.0012"W |
| 37 | <i>Neocosmospora solani</i> | Ko223 | Korhogo | 9°25'0.0012"N,5°37'0.0012"W |
| 38 | <i>Fusarium oxysporum</i> | Ko142 | Korhogo | 9°25'0.0012"N,5°37'0.0012"W |
| 39 | <i>Fusarium oxysporum</i> | Ko114 | Korhogo | 9°25'0.0012"N,5°37'0.0012"W |
| 40 | <i>Metarhizium</i> sp. | T34 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 41 | <i>Metarhizium</i> sp. | T121 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 42 | <i>Metarhizium</i> sp. | T132 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 43 | <i>Metarhizium</i> sp. | T141 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 44 | <i>Metarhizium</i> sp. | T313 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 45 | <i>Metarhizium anisopliae</i> | T35 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 46 | <i>Metarhizium anisopliae</i> | T331 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 47 | <i>Fusarium oxysporum</i> | T113 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 48 | <i>Fusarium oxysporum</i> | T342 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 49 | <i>Neocosmospora solani</i> | T25 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 50 | <i>Neocosmospora solani</i> | T112 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 51 | <i>Neocosmospora solani</i> | T15 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 52 | <i>Trichoderma harzianum</i> | T213 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 53 | <i>Mortierella</i> sp. | T221 | Tiassalé | 5°53'54.20"N,4°49'22.55"W |
| 54 | <i>Fusarium oxysporum</i> | Ou222 | Ouangolodougou | 9°58'0" N, 5°9'0" W |
| 55 | <i>Neocosmospora solani</i> | Ou212 | Ouangolodougou | 9°58'0" N, 5°9'0" W |
| 56 | <i>Fusarium</i> sp. | Ou241 | Ouangolodougou | 9°58'0" N, 5°9'0" W |

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| 57 | <i>Fusarium</i> sp. | Ou143 | Ouangelodougou 9°58'0" N, 5°9'0" W |
| 58 | <i>Fusarium</i> sp. | Ou242 | Ouangelodougou 9°58'0" N, 5°9'0" W |
| 59 | <i>Fusarium</i> sp. | Ou232 | Ouangelodougou 9°58'0" N, 5°9'0" W |