

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
Metarhizium_anisopliae_TYPE_ARSEF_7487	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCA	A-GTA-GTGG	TTACAGGCTT	GAGGGGAG--	CTGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAGTCTGCCA	100
Metarhizium_anisopliae_ARSEF_1080	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCA	A-GTA-GTGG	TTACAGGCTT	GAGGAGAG--	CTGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAGTCTGCCA	100
Metarhizium_anisopliae_ARSEF_6347	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCA	A-GTA-GTGG	TTACAGGCTT	GAGGAGAG--	CTGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAGTCTGCCA	100
Metarhizium_anisopliae_ARSEF_7450	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCA	A-GTA-GTGG	TTACAGGCTT	GAGGGGAG--	CTGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAGTCTGCCA	100
Metarhizium_anisopliae_ARSEF_798	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCA	A-GTA-GTGG	TTACAGGCTT	GAGGAGAG--	CTGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAGTCTGCCA	100
Metarhizium_anisopliae_ART_2062	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCA	A-GTA-GTGG	TTACAGGCTT	GAGGGGAG--	CTGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAGTCTGCCA	100
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
Metarhizium_brunneum_TYPE_ARSEF_2107	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTG	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-AGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_1066	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-AGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_1278	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-AGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_3295	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-GGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_3826	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-AGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_4152	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-GGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_4179	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-GGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_5198	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-AGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_7524	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-AGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ARSEF_988	GCGGGGCGGG	TGTTGGGGTC	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-GGGAGGGA	AAATCTGCCA	100
Metarhizium_brunneum_ART_2825	GCGGGGCGGG	TGTTGGGGTT	AGAGCCACCG	A-GTA-GTGG	CCGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	C-GGGGGGGG	AAATCTGCCA	100
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
Metarhizium_pingshaense_TYPE_CBS_257.90	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCA	AAGTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAGCG	GTGGTTGGTT	CTAGAGGGGA	AAATCTGCCA	100
Metarhizium_pingshaense_ARSEF_2809	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCG	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAGAG	CTGCCGAGCG	GT----GGTT	CTAGAGGGGA	AAATCTGCCA	100
Metarhizium_pingshaense_ARSEF_3210	GCGGGGCGGG	TGTTGGGGTT	AAAGCCGCCA	AAGTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAGCG	GTGGTTGGTT	CTAGAGGGGA	AAATCTGCCA	100
Metarhizium_pingshaense_ARSEF_4342	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_pingshaense_ARSEF_7422	GCGGGGCGGG	TGTTGGGGTT	AAAGCCACCA	A-GTAAGTGG	CTGCAGGCTT	GAGGAGAG--	CCGCCGGGCG	G----TGGTT	CTAGAGGGGA	AAATCTGCCA	100
Metarhizium_pingshaense_ARSEF_7929	GCGGGGCGGG	TGTTGGGGTT	AAAGCCGCCA	AAGTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAGCG	GTGGTTGGTT	CTAGAGGGGA	AAATCTGCCA	100
mrob-IDF1	-----GCGGGG	TGTTGGGGTT	AAT-----	-----	-----	-----	-----	-----	-----	-----	100
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100
Metarhizium_robertsii_TYPE_ARSEF_2575	GCGGGGCGGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_robertsii_ARSEF_6472	GCGGGGCGGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_robertsii_ARSEF_727	GCGGGGCGGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_robertsii_ARSEF_7501	GCGGGGCGGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_robertsii_ARSEF_7532	GCGGGGCGGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_robertsii_ARSEF_8070	GCGGGGCGGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100
Metarhizium_robertsii_ARSEF_8685	GCGGGGCTGG	TGTTGGGGTT	AATGCCACCA	A-GTA-GTGG	TTGCAGGCTT	GAGGAGAG--	CCGCCGAG--	-TGGT-GGTT	CTAGAGGGAA	AAATCTGCCA	100

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
Metarhizium_anisopliae_TYPE_ARSEF_7487	AGTTC--AAA	GGTCCAGGCA	AGCGAAAAG-	TTTACCAAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TATTGGCGGT	AACCTACCCG	200
Metarhizium_anisopliae_ARSEF_1080	GGTTC--AAA	GGTCCAGGCA	AGCGAAAAG-	TTTACCAAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TATTGGCGGT	AACCTACCCG	200
Metarhizium_anisopliae_ARSEF_6347	GGTTC--AAA	GGTCCAGGCA	AGCGAAAAG-	TTTACCAAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TATTGGCGGT	AACCTACCCG	200
Metarhizium_anisopliae_ARSEF_7450	AGTTC--AAA	GGTCCAGGCA	AGCGAAAAG-	TTTACCAAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TATTGGCGGT	AACCTACCCG	200
Metarhizium_anisopliae_ARSEF_798	GGTTC--AAA	GGTCCAGGCA	AGCGAAAAG-	TTTACCAAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TATTGGCGGT	AACCTACCCG	200
Metarhizium_anisopliae_ART_2062	AGTTC--AAA	GGTCCAGGCA	AGCGAAAAG-	TTTACCAAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TATTGGCGGT	AACCTACCCG	200
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
Metarhizium_brunneum_TYPE_ARSEF_2107	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_1066	AGCTCTCAAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_1278	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGGT	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_3295	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGGTT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	CACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_3826	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_4152	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGGTT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_4179	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGGTT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_5198	AGCTCTCAAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_7524	AGCTCTCAAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ARSEF_988	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGGTT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	CACTGCCGGC	AACATACCCG	200
Metarhizium_brunneum_ART_2825	AGCTC--AAA	GGTC-AGGCA	AGCGAGAGG-	TTTACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAGATATACC	AAGTCCAAAA	TACTGCCGGC	AACATATCCG	200
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
Metarhizium_pingshaense_TYPE_CBS_257.90	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAATT-TACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_pingshaense_ARSEF_2809	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGGT	TGTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	GAATT-TACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_pingshaense_ARSEF_3210	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAATT-TACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_pingshaense_ARSEF_4342	AGTCC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTCACCGAGT	CGGAAAGTCG	GGCGAGTAAA	AAATT-TACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_pingshaense_ARSEF_7422	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAATT-TACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
Metarhizium_pingshaense_ARSEF_7929	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAATT-TACC	AAGTCCAAAA	TACTGCCGGC	AACATACCCG	200
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200
Metarhizium_robertsii_TYPE_ARSEF_2575	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200
Metarhizium_robertsii_ARSEF_6472	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200
Metarhizium_robertsii_ARSEF_727	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200
Metarhizium_robertsii_ARSEF_7501	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200
Metarhizium_robertsii_ARSEF_7532	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200
Metarhizium_robertsii_ARSEF_8070	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200
Metarhizium_robertsii_ARSEF_8685	AGTTC--AAA	GGTC-AGGCA	AGCGAAAGG-	TTTACCGAGT	CGGAAGGTTG	GGCGAGTAAA	AAAAT-TACC	AAGTCCAAAA	TACTGGCGGT	AACCTACCCG	200

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	GGCT ATAGTYAACT TTTGGACTT	400	
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	400	
Metarhizium anisopliae_TYPE_ARSEF_7487	TATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACG	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium anisopliae_ARSEF_1080	TATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACG	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTCAACT	TTTGGACTT-	400
Metarhizium anisopliae_ARSEF_6347	TATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACG	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTCAACT	TTTGGACTT-	400
Metarhizium anisopliae_ARSEF_7450	TATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACG	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium anisopliae_ARSEF_798	TATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACG	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTCAACT	TTTGGACTT-	400
Metarhizium anisopliae_ART_2062	TATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACG	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----TGACT TKTGCACWYG	400	
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	400	
Metarhizium brunneum_TYPE_ARSEF_2107	AATTTTTGGA	CTTTTGCGGA	TTTACTTGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ARSEF_1066	AATTTTTGGA	CTTT-GCGGA	TTTACTTGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ARSEF_1278	AATTTTTGGA	CTTT-GCGGA	TTTACTTGAA	TCAATTCACA	GGAGGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACACG	400
Metarhizium brunneum_ARSEF_3295	AATTTTTGGA	CTTT-GCGGG	TTCACTCGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ARSEF_3826	AATTTTTGGA	CTTT-GCGGA	TTTACTTGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ARSEF_4152	AATTTTTGGA	CTTG-GCGGA	TTTACTTGAA	TCAATCCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCC	ATAGTTGACT	TGTGGACTTG	400
Metarhizium brunneum_ARSEF_4179	AATTTTTGGA	CTTG-GCGGA	TTTACTTGAA	TCAATCCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCC	ATAGTTGACT	TGTGGACTTG	400
Metarhizium brunneum_ARSEF_5198	AATTTTTGGA	CTTT-GCGGA	TTTACTTGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ARSEF_7524	AATTTTTGGA	CTTT-GCGGA	TTTACTTGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ARSEF_988	AATTTTTGGA	CTTT-GCGGA	TTCACTCGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
Metarhizium brunneum_ART_2825	AATTTTTGGA	CTTT-GCGGA	TTTACTTGAA	TCAATTCACA	GGAAGTTACC	TGCCAAATTG	CCTGGGCTCC	CGGGTAGGCT	ATAGTTGACT	TTTGGACTTG	400
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	400
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	400
Metarhizium pingshaense_TYPE_CBS_257.90	TATTTTTGGA	CTTT-GTAGA	TTTGCTTGAA	TCAATTTACA	GGAAGTTGCC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium pingshaense_ARSEF_2809	TATTTTTGGA	CTTT-GTAGA	TTTGCTTGAA	TCAATTTACA	GGAAGTTGCC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium pingshaense_ARSEF_3210	TATTTTTGGA	CTTT-GTAGA	TTTGCTTGAA	TCAATTTACA	GGAAGTTGCC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium pingshaense_ARSEF_4342	AATTTTTGGA	CTTT-GTAGA	TTTACTTGAA	TCAATTCACA	AGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTCAACT	TTTGGACTT-	400
Metarhizium pingshaense_ARSEF_7422	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTTACA	GCAAGTTGCC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGT-AACT	TTTGGACTT-	400
Metarhizium pingshaense_ARSEF_7929	TATTTTTGGA	CTTT-GTAGA	TTTGCTTGAA	TCAATTTACA	GGAAGTTGCC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	400
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	400
Metarhizium robertsii_TYPE_ARSEF_2575	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium robertsii_ARSEF_6472	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium robertsii_ARSEF_727	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium robertsii_ARSEF_7501	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium robertsii_ARSEF_7532	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium robertsii_ARSEF_8070	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400
Metarhizium robertsii_ARSEF_8685	TATTTTTGGA	CTTT-GTAGA	TTTACTTAAA	TCAATTCACA	GGAAGTTACC	TGCCGAATTA	CCTGGGCTCC	CGGGTAGGCT	ATAGTTAACT	TTTGGACTT-	400

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
Metarhizium_anisopliae_TYPE_ARSEF_7487	-----	-----	----GCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	CTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_anisopliae_ARSEF_1080	-----	-----	----GCGACT	ATAACCTGGG	ATTTTCCCAG	CCAGA--GCT	CACGGGTAGG	CTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_anisopliae_ARSEF_6347	-----	-----	----GCGACT	ATAACCTGGG	ATTTTCCCAG	CCAGA--GCT	CACGGGTAGG	CTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_anisopliae_ARSEF_7450	-----	-----	----GCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	CTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_anisopliae_ARSEF_798	-----	-----	----GCGACT	ATAACCTGGG	ATTTTCCCAG	CCAGA--GCT	CACGGGTAGG	CTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_anisopliae_ART_2062	-----	-----	----GCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	CTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
mbru-IDF1	GCGGA-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
Metarhizium_brunneum_TYPE_ARSEF_2107	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TAAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_1066	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATG--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_1278	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGAC-	-GGTGAAATT	500
Metarhizium_brunneum_ARSEF_3295	GCGGATTTTT	TTAAACTTAC	TTCCCCCACT	ATGACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	T-----	-----	500
Metarhizium_brunneum_ARSEF_3826	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATG--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_4152	GCGGATTTTT	TTCAACCTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_4179	GCGGATTTTT	TTCAACCTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_5198	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATG--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_7524	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATG--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_brunneum_ARSEF_988	GCGGATTTTT	TTAAACTTAC	TTCCCCCACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	T-----	-----	500
Metarhizium_brunneum_ART_2825	GCGGATTTTT	TTAAACTTAC	TTCCCCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	T-----	-----	500
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
Metarhizium_pingshaense_TYPE_CBS_257.90	-----	-----	----TCGACT	ATAACCTGGG	ATTTTCCCAG	CTATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGAC-	-GGTGAAATT	500
Metarhizium_pingshaense_ARSEF_2809	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CTATA--GCT	CACGGGTAGG	TTAGTTGTGG	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_pingshaense_ARSEF_3210	-----	-----	----TCGACT	ATAACCTGGG	ATTTTCCCAG	CTATATAGCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_pingshaense_ARSEF_4342	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CTATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
Metarhizium_pingshaense_ARSEF_7422	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CTATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGAGA	CGGTGAAACT	500
Metarhizium_pingshaense_ARSEF_7929	-----	-----	----TCGACT	ATAACCTGGG	ATTTTCCCAG	CTATATAGCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	TGGTGAAATT	500
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500
Metarhizium_robertsii_TYPE_ARSEF_2575	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500
Metarhizium_robertsii_ARSEF_6472	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500
Metarhizium_robertsii_ARSEF_727	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500
Metarhizium_robertsii_ARSEF_7501	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500
Metarhizium_robertsii_ARSEF_7532	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500
Metarhizium_robertsii_ARSEF_8070	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500
Metarhizium_robertsii_ARSEF_8685	-----	-----	----CCGACT	ATAACCTGGG	ATTTTCCCAG	CCATA--GCT	CACGGGTAGG	TTAGTTGTGA	TTTTTGGACT	CGGTGAAATT	500

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
Metarhizium_anisopliae_TYPE_ARSEF_7487	AAATATGCCA	AGTCCACAAA	TGAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGTAAAG	ACCAAAAAGT	CAGGTGTTTT	700
Metarhizium_anisopliae_ARSEF_1080	AAATGTGCCA	AGTCCACAAA	TTAATCGTAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGCAAAG	ACCAAAAAGT	CAGGTGTTTT	700
Metarhizium_anisopliae_ARSEF_6347	AAATGTGCCA	AGTCCACAAA	TTAATCGTAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGCAAAG	ACCAAAAAGT	CAGGTGTTTT	700
Metarhizium_anisopliae_ARSEF_7450	AAATATGCCA	AGTCCACAAA	TGAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGTAAAG	ACCAAAAAGT	CAGGTGTTTT	700
Metarhizium_anisopliae_ARSEF_798	AAATGTGCCA	AGTCCACAAA	TTAATCGTAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGCAAAG	ACCAAAAAGT	CAGGTGTTTT	700
Metarhizium_anisopliae_ART_2062	AAATATGCCA	AGTCCACAAA	TGAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGTAAAG	ACCAAAAAGT	CAGGTGTTTT	700
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
Metarhizium_brunneum_TYPE_ARSEF_2107	AAATCTGCCA	AGTCCACAAG	TTAACTATAG	CCTACCCGGG	A----GGCCT	GGGTGTTTCC	CGCGTGATTT	-CCTGTAAAA	ACAAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_1066	AAATCTGCCA	AGTCCACAAG	TTAACTATAG	CCTACCCGGT	A----GACCT	GGGTGTTTCC	CGCGTGATTT	-CCTGTGAAA	ACAAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_1278	AAATCTGCCA	AGTCCACAAG	TTAACTATAG	CCTACCCGGT	A----GGCCT	GGGTGCTTCC	CGCGTGTTTT	-CCTGTAAAA	ACAAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_3295	-----A	AGTCCACAAA	TAAATTACAG	CCTACCCGGT	A----GGCCT	GTATATTTCC	CGCGCGATTT	-CCTGTGAAG	ACCAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_3826	AAATCTGCCA	AGTCCACAAG	TTAACTATAG	CCTACCCGGT	A----GACCT	GGGTGTTTCC	CGCGTGATTT	-CCTGTGAAA	ACAAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_4152	AAATCTGCCA	AGTCCACAGA	TAAACTATAG	CCTACCCGGT	A----GGCCT	GTAGATTTCC	CGCGCGATTT	-CCTGCGAAG	ACCAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_4179	AAATCTGCCA	AGTCCACAGA	TAAACTATAG	CCTACCCGGT	A----GGCCT	GTAGATTTCC	CGCGCGATTT	-CCTGCGAAG	ACCAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_5198	AAATCTGCCA	AGTCCACAAG	TTAACTATAG	CCTACCCGGT	A----GACCT	GGGTGTTTCC	CGCGTGATTT	-CCTGTGAAA	ACAAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_7524	AAATCTGCCA	AGTCCACAAG	TTAACTATAG	CCTACCCGGT	A----GACCT	GGGTGTTTCC	CGCGTGATTT	-CCTGTGAAA	ACAAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ARSEF_988	-----A	AGTCCACAAA	TAAATTACAG	CCTACCCGGT	A----GGCCT	GTATATTTCC	CGCGCGATTT	-CCTGTGAAG	ACCAAAAAGT	TAGGTGTTTT	700
Metarhizium_brunneum_ART_2825	-----A	AGTCCACAAA	TAAATTACAG	CCTACCCGGT	A----GGCCT	GTATATTTCC	CGCGCGATTT	-CCTGTGAAG	ACCAAAAAGT	TAGGTGTTTT	700
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
Metarhizium_pingshaense_TYPE_CBS_257.90	AAATATGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	A-----	-----	-----	-----	-----	-----	700
Metarhizium_pingshaense_ARSEF_2809	AAATATGCCA	AGTCCACAAA	TCAACCGCAG	CCTACCCGGT	A-----	-----	-----	-----	-----	-----	700
Metarhizium_pingshaense_ARSEF_3210	AAATATGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	A-----	-----	-----	-----	-----	-----	700
Metarhizium_pingshaense_ARSEF_4342	AAATATGCCA	AGTCCACAAA	TTAATCGCAG	CCTACCCGGT	A----AGCCT	GTGTAATTT-	-----	-----	-----	-----	700
Metarhizium_pingshaense_ARSEF_7422	AAATATGCCA	AGTCCACAAA	TTAATCGCAG	CCTACCCGGT	A----AGCCT	GTGTAATTTT	TGTGTAATTT	-CCCGTAAAG	ACCAAAAAGT	TGGGTATTTT	700
Metarhizium_pingshaense_ARSEF_7929	AAATATGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	A-----	-----	-----	-----	-----	-----	700
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	700
Metarhizium_robertsii_TYPE_ARSEF_2575	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGAGTAATTT	TCCCGTAAAG	ACCAAAAAGT	CAGGTATTTT	700
Metarhizium_robertsii_ARSEF_6472	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTGATTTT	CGTGTAATTT	-CCCGTAAAG	ACCAAAAAGT	TAGGTATTTT	700
Metarhizium_robertsii_ARSEF_727	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTGATTTT	CGTGTAATTT	-CCCGTAAAG	ACCAAAAAGT	TAGGTATTTT	700
Metarhizium_robertsii_ARSEF_7501	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCTGGT	AGGTAAGCCT	GTGTAGTTTC	CGTGTAATTT	TCCCGTAAAG	ACCAAAAAGT	CAGGTATTTT	700
Metarhizium_robertsii_ARSEF_7532	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTGATTTT	CGTGTAATTT	-CCCGTAAAG	ACCAAAAAGT	TAGGTATTTT	700
Metarhizium_robertsii_ARSEF_8070	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTGATTTT	CGTGTAATTT	-CCCGTAAAG	ACCAAAAAGT	TAGGTATTTT	700
Metarhizium_robertsii_ARSEF_8685	AAATGTGCCA	AGTCCACAAA	TCAATCGCAG	CCTACCCGGT	AGGTAAGCCT	GTGTAGTTTC	CGAGTAATTT	TCCCGTAAAG	ACCAAAAAGT	CAGGTATTTT	700

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	800	
mani-IDR1	-----	-----	ATATAGGC GTGAGTTGAT TTTTTG-T	-----	-----	-----	-----	-----	-----	800	
Metarhizium_anisopliae_TYPE_ARSEF_7487	AGTATTTAAT	TTATATAGGC	GTGAGTTGAT	TTTTTTG-TT	TTTCTATATT	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAAACC	TGGTAACAGA	800
Metarhizium_anisopliae_ARSEF_1080	AGTATTTAAT	TTATATAGGC	GTGAGTTGAT	TTTTTTG-TT	TTTTTATATT	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAAACC	TGGTAACAAA	800
Metarhizium_anisopliae_ARSEF_6347	AGTATTTAAT	TTATATAGGC	GTGAGTTGAT	TTTTTTG-TT	TTTTTATATT	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAAACC	TGGTAACAAA	800
Metarhizium_anisopliae_ARSEF_7450	AGTATTTAAT	TTATATAGGC	GTGAGTTGAT	TTTTTTG-TT	TTTCTATATT	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAAACC	TGGTAACAGA	800
Metarhizium_anisopliae_ARSEF_798	AGTATTTAAT	TTATATAGGC	GTGAGTTGAT	TTTTTTG-TT	TTTTTATATT	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAAACC	TGGTAACAAA	800
Metarhizium_anisopliae_ART_2062	AGTATTTAAT	TTATATAGGC	GTGAGTTGAT	TTTTTTG-TT	TTTCTATATT	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAAACC	TGGTAACAGA	800
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	800	
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	AC CACGAGAGCC YRGTAGCC	-----	800	
Metarhizium_brunneum_TYPE_ARSEF_2107	AGTACTTAAT	TTATATAGGT	ATAAGTTAAT	TTTTTTG-TT	TTCTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_1066	AGTACTTAAT	TTATGTAGGT	ATGGGTTGAT	TTTTTTG-TT	TTCTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_1278	AGTACTTAAT	TTATATAGGT	ATAAGTTGAT	TTTTTTG-TT	TTCTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_3295	AGTACTTAAT	TTATATAGGT	ATAAGTTGAT	TTTTTTGTTT	TTTTTATATA	TATAAAATTTT	GCGGGAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_3826	AGTACTTAAT	TTATATAGGT	ATGGGTTGAT	TTTTTTG-TT	TTCTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_4152	GGTACTTAAT	TTATATAGAG	ATGAGTTGAT	TTTTTTG-TT	TTTATATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	TAGTAGCGGA	800
Metarhizium_brunneum_ARSEF_4179	GGTACTTAAT	TTATATAGAG	ATGAGTTGAT	TTTTTTG-TT	TTTATATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	TAGTAGCGGA	800
Metarhizium_brunneum_ARSEF_5198	AGTACTTAAT	TTATGTAGGT	ATGGGTTGAT	TTTTTTG-TT	TTCTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_7524	AGTACTTAAT	TTATGTAGGT	ATGGGTTGAT	TTTTTTG-TT	TTCTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ARSEF_988	AGTACTTAAT	TTATATAGGT	ATAAGTTGAT	TTTTTTGTTT	TTTTTATATA	TATAAAATTTT	GCGGGAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
Metarhizium_brunneum_ART_2825	AGTACTTAAT	TTATATAGGT	ATAAGTTGAT	TTTTTTG-TT	TTTATATATA	TATAAAATTTT	GCGGAAAATA	AAAAATAAAC	CACGAGAGCC	CGGTAGCGGA	800
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	800	
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	800	
Metarhizium_pingshaense_TYPE_CBS_257.90	-----	-----AGT	ATAAGTTGAT	TTTTTT--TT	-ATATATATA	AATAAAATCT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_pingshaense_ARSEF_2809	-----	-----AGT	ATAAGTTGAT	CTTTTT--TT	TATATATGTA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_pingshaense_ARSEF_3210	-----	-----AGT	ATAAGTTGAT	TTTTTT--TT	TATATATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_pingshaense_ARSEF_4342	-----	-----	-----	-----	-----	-----TTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_pingshaense_ARSEF_7422	AGTACTTAAT	TTATATAAGT	ATAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGCA	800
Metarhizium_pingshaense_ARSEF_7929	-----	-----AGT	ATAAGTTGAT	TTTTTT--TT	TATATATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	800	
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	800	
Metarhizium_robertsii_TYPE_ARSEF_2575	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_robertsii_ARSEF_6472	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_robertsii_ARSEF_727	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_robertsii_ARSEF_7501	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_robertsii_ARSEF_7532	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_robertsii_ARSEF_8070	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800
Metarhizium_robertsii_ARSEF_8685	GGTACTTAAT	TTATATAAGT	ACAAGTTGAT	TTTTTTG-TT	TTTTTATATA	AATAAAATTTT	GCGGAAAATA	AAAAATAAGC	TATAAAGGCC	TGGTAGCGGA	800

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
Metarhizium_anisopliae_TYPE_ARSEF_7487	GGCGGGCCCT	TAAGGTAATT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTT	GTGTATTTCC	ACCACACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_anisopliae_ARSEF_1080	GGCGGGCTTT	TAAGGTAATT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTT	GTGTATTTCT	ACCATACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_anisopliae_ARSEF_6347	GGCGGGCTTT	TAAGGTAATT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTT	GTGTATTTCT	ACCATACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_anisopliae_ARSEF_7450	GGCGGGCCCT	TAAGGTAATT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTT	GTGTATTTCC	ACCACACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_anisopliae_ARSEF_798	GGCGGGCTTT	TAAGGTAATT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTT	GTGTATTTCT	ACCATACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_anisopliae_ART_2062	GGCGGGCCCT	TAAGGTAATT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTT	GTGTATTTCC	ACCACACCCA	ATACTTTTAG	CTTTAGGGTA	900
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
Metarhizium_brunneum_TYPE_ARSEF_2107	GGCAAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_1066	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_1278	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_3295	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_3826	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_4152	GGCGGGCCCT	CGAGGTGGTC	GGTAGGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCAGCCA	ATACCTTTAG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_4179	GGCGGGCCCT	CGAGGTGGTC	GGTAGGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCAGCCA	ATACCTTTAG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_5198	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_7524	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ARSEF_988	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
Metarhizium_brunneum_ART_2825	GGCGAGCCCT	TAAGGTAGTC	GGTAAGTATA	TAAGAGAGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	ACCGCACCTA	ATACTTTTGG	CTTTAGGGTA	900
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
Metarhizium_pingshaense_TYPE_CBS_257.90	GGCGAGCTCT	TAAGGTAGTG	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGCC	GCGTATTTCC	ACCGCACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_pingshaense_ARSEF_2809	GGCGAGCTCT	TAAGATAGTT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTACGCC	GCGTATTTCC	ACCGCACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_pingshaense_ARSEF_3210	GGCGAGCTCT	TAAGGTAGTG	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGCC	GCGTATTTCC	ACCGCACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_pingshaense_ARSEF_4342	GGCGGGCTCC	TAAGGTAGTT	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGTC	GCGTATTTCC	ACCGCACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_pingshaense_ARSEF_7422	GGCGGGCTCT	TAAGGTAGTT	GGTGGGTATA	TAAGAGGGAG	GGCTGGAGAC	GCGTTGCGCC	CCGTATTTCC	ACCGTACCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_pingshaense_ARSEF_7929	GGCGAGCTCT	TAAGGTAGTG	GGTGGGTATA	TAAGAGGGAG	GGCTGGACAC	GCGTTGCGCC	GCGTATTTCC	ACCGCACCCA	ATACTTTTAG	CTTTAGGGTA	900
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	GGCGCAGCCA	ATACTTTTAG	-----	900
Metarhizium_robertsii_TYPE_ARSEF_2575	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_robertsii_ARSEF_6472	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_robertsii_ARSEF_727	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_robertsii_ARSEF_7501	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_robertsii_ARSEF_7532	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_robertsii_ARSEF_8070	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900
Metarhizium_robertsii_ARSEF_8685	GGCGGGCCCT	TAGGGTAGTT	GGTGGGTATA	TGAGAGGGAG	GGCTGGACAC	GCGTCGCGTC	GCGTATTTCC	GCCGCAGCCA	ATACTTTTAG	CTTTAGGGTA	900

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
Metarhizium_anisopliae_TYPE_ARSEF_7487	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_anisopliae_ARSEF_1080	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TTATGTGCCG	ATACAATAAG	1100
Metarhizium_anisopliae_ARSEF_6347	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TTATGTGCCG	ATACAATAAG	1100
Metarhizium_anisopliae_ARSEF_7450	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_anisopliae_ARSEF_798	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TTATGTGCCG	ATACAATAAG	1100
Metarhizium_anisopliae_ART_2062	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
Metarhizium_brunneum_TYPE_ARSEF_2107	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_1066	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_1278	CAGCTATAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTGCAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_3295	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_3826	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_4152	CAGCTATAAA	GCTTGTGTGT	ATG-----	-----TGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCTTACAGG	TCACGTGCCG	ATACGATAAG	1100
Metarhizium_brunneum_ARSEF_4179	CAGCTATAAA	GCTTGTGTGT	ATG-----	-----TGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCTTACAGG	TCACGTGCCG	ATACGATAAG	1100
Metarhizium_brunneum_ARSEF_5198	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_7524	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ARSEF_988	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
Metarhizium_brunneum_ART_2825	CAGCTATAAG	GCTTGTGTGT	GTGTGGGTGC	GCGGGTGTGT	GTGCCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ACACAGTAAG	1100
mpin-IDF1	-----	-----	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	-----	-----	-----	-----	1100
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
Metarhizium_pingshaense_TYPE_CBS_257.90	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAGGTC	CCGACCAGGA	ACCCTACAGG	CCACGTGCCG	ATATAATAAG	1100
Metarhizium_pingshaense_ARSEF_2809	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAGGTC	CCGACCAGGA	ACCCACAGG	TCACGTGCC-	-----	1100
Metarhizium_pingshaense_ARSEF_3210	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAGGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_pingshaense_ARSEF_4342	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAGGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATATAATAAG	1100
Metarhizium_pingshaense_ARSEF_7422	CAACTGTAAG	GCTTGCCTGT	GTG-----	-----	---CCGGGGC	CCTGTAGGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATATAATAAG	1100
Metarhizium_pingshaense_ARSEF_7929	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAGGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1100
Metarhizium_robertsii_TYPE_ARSEF_2575	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_robertsii_ARSEF_6472	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_robertsii_ARSEF_727	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_robertsii_ARSEF_7501	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_robertsii_ARSEF_7532	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_robertsii_ARSEF_8070	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100
Metarhizium_robertsii_ARSEF_8685	CAACTGTAAG	GCTTGTGTGT	GTG-----	-----	---CCGGGGC	CCTGTAAGTC	CCGACCAGGA	ACCCTACAGG	TCACGTGCCG	ATACAATAAG	1100

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
Metarhizium_anisopliae_TYPE_ARSEF_7487	CACGTGTTCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGCGATT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATACCGGTGT	AGTTGTATAT	AATTTCTTAC	1300
Metarhizium_anisopliae_ARSEF_1080	CACGTGTTCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGCGATT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATGCCCGGTGT	AGTTGTGTAT	AATTTCTTAC	1300
Metarhizium_anisopliae_ARSEF_6347	CACGTGTTCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGCGATT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATGCCCGGTGT	AGTTGTGTAT	AATTTCTTAC	1300
Metarhizium_anisopliae_ARSEF_7450	CACGTGTTCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGCGATT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATACCGGTGT	AGTTGTATAT	AATTTCTTAC	1300
Metarhizium_anisopliae_ARSEF_798	CACGTGTTCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGCGATT	GCCGACCTCG	CCGACTACAC	CTGGTGTAAAT	ATGCCCGGTGT	AGTTGTGTAT	AATTTCTTAC	1300
Metarhizium_anisopliae_ART_2062	CACGTGTTCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGCGATT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATACCGGTGT	AGTTGTATAT	AATTTCTTAC	1300
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
Metarhizium_brunneum_TYPE_ARSEF_2107	CACGTGTCCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGAGGTT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGC	AGTTGCATAT	AATTCCTTAC	1300
Metarhizium_brunneum_ARSEF_1066	CACGTGTCCC	GCTGCCAAGG	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGC	A-----	-----	1300
Metarhizium_brunneum_ARSEF_1278	CACGTGTCCC	GCTGCCAAGG	TCCCCGAGGT	CCCCGAGGTT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGC	AGTTGCATAT	AATTCCTTAC	1300
Metarhizium_brunneum_ARSEF_3295	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
Metarhizium_brunneum_ARSEF_3826	CACGTGTCCC	GCTGCCAAGG	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGC	A-----	-----	1300
Metarhizium_brunneum_ARSEF_4152	CACGTGTCCC	GCCGCCAAGG	TCCCCAAGGT	CCCCGAGGTT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATGCCCGGTAC	AGTTGCATAT	AATTCCTTAC	1300
Metarhizium_brunneum_ARSEF_4179	CACGTGTCCC	GCCGCCAAGG	TCCCCAAGGT	CCCCGAGGTT	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	ATGCCCGGTAC	AGTTGCATAT	AATTCCTTAC	1300
Metarhizium_brunneum_ARSEF_5198	CACGTGTCCC	GCTGCCAAGG	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGC	A-----	-----	1300
Metarhizium_brunneum_ARSEF_7524	CACGTGTCCC	GCTGCCAAGG	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGC	A-----	-----	1300
Metarhizium_brunneum_ARSEF_988	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
Metarhizium_brunneum_ART_2825	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
Metarhizium_pingshaense_TYPE_CBS_257.90	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGT	AGTTATATAT	AATTTCTTAC	1300
Metarhizium_pingshaense_ARSEF_2809	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACCACTC	CTGGTGTAAAT	GTGCCCGGTGT	AGTTATATAT	AATTTCTTAC	1300
Metarhizium_pingshaense_ARSEF_3210	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGT	AGTTATATAT	AATTTCTTAC	1300
Metarhizium_pingshaense_ARSEF_4342	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGT	AGTTATATAT	AATTTCTTAC	1300
Metarhizium_pingshaense_ARSEF_7422	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGCGTAAT	GTGCCCGGTGT	AGTTATATAT	AATTTCTTAC	1300
Metarhizium_pingshaense_ARSEF_7929	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGGT	-----T	GCCGACCTCG	CCGACTACTC	CTGGTGTAAAT	GTGCCCGGTGT	AGTTATATAT	AATTTCTTAC	1300
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1300
Metarhizium_robertsii_TYPE_ARSEF_2575	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGCCCGGTGT	-----	AATTTCTTGC	1300
Metarhizium_robertsii_ARSEF_6472	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGCCCGGTGT	-----	AATTTCTTAC	1300
Metarhizium_robertsii_ARSEF_727	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGCCCGGTGT	-----	AATTTCTTAC	1300
Metarhizium_robertsii_ARSEF_7501	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGC-----	-----	-----	1300
Metarhizium_robertsii_ARSEF_7532	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGCCCGGTGT	-----	AATTTCTTAC	1300
Metarhizium_robertsii_ARSEF_8070	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGCCCGGTGT	-----	AATTTCTTAC	1300
Metarhizium_robertsii_ARSEF_8685	CACGTGTCCC	GCTGCCAAGA	TCCCCGAGAT	-----T	GCCGACCTCG	CCGACTACTC	TTGGTGTAAAT	GTGCCCGGTGT	-----	AATTTCTTAC	1300

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_anisopliae_TYPE_ARSEF_7487	TAGTCTTAAT	AGTAGTACAC	TTGTTTATCG	CGATACACTT	ACTTGTGGTG	CGGCTGTGCG	GCTGTGCGGC	TGTGCTGACG	TACTTGTAGT	GGTGCACTTA	1400
Metarhizium_anisopliae_ARSEF_1080	TAGTCTTAAT	AGTAGTACAC	TTGTTTATCG	CGATACACTT	ACTTGTG---	-----GTGCG	GCTGTGCGGC	TGTGCTGATG	TACTTGTAGT	GGTGCACTTA	1400
Metarhizium_anisopliae_ARSEF_6347	TAGTCTTAAT	AGTAGTACAC	TTGTTTATCG	CGATACACTT	ACTTGTG---	-----GTGCG	GCTGTGCGGC	TGTGCTGATG	TACTTGTAGT	GGTGCACTTA	1400
Metarhizium_anisopliae_ARSEF_7450	TAGTCTTAAT	AGTAGTACAC	TTGTTTATCG	CGATACACTT	ACTTGTGGTG	CGGCTGTGCG	GCTGTGCGGC	TGTGCTGACG	TACTTGTAGT	GGTGCACTTA	1400
Metarhizium_anisopliae_ARSEF_798	TAGTCTTAAT	AGTAGTACAC	TTGTTTATCG	CGATACACTT	ACTTGTG---	-----GTGCG	GCTGTGCGGC	TGTGCTGATG	TACTTGTAGT	GGTGCACTTA	1400
Metarhizium_anisopliae_ART_2062	TAGTCTTAAT	AGTAGTACAC	TTGTTTATCG	CGATACACTT	ACTTGTGGTG	CGGCTGTGCG	GCTGTGCGGC	TGTGCTGACG	TACTTGTAGT	GGTGCACTTA	1400
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_TYPE_ARSEF_2107	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTC	ACTTGTG---	-----GTACG	GCTGTGCGGC	TGTGCTGACG	TACTTGTGGT	-----	1400
Metarhizium_brunneum_ARSEF_1066	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_ARSEF_1278	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTC	ACTTGTG---	-----GTACG	GCTGTGCGGC	TGTGCTGACG	TACTT-----	-----	1400
Metarhizium_brunneum_ARSEF_3295	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_ARSEF_3826	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_ARSEF_4152	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTG---	-----GTGCG	GCTGTGCGGC	TGTGCTGACG	TACTTGTGGT	AGTGCACTTA	1400
Metarhizium_brunneum_ARSEF_4179	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTG---	-----GTGCG	GCTGTGCGGC	TGTGCTGACG	TACTTGTGGT	AGTGCACTTA	1400
Metarhizium_brunneum_ARSEF_5198	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_ARSEF_7524	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_ARSEF_988	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_brunneum_ART_2825	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_pingshaense_TYPE_CBS_257.90	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTC	ACTTGTG---	-----GTGCG	GGTGTGCGGG	TGTGCTGACG	TACTTGTGGT	GGTGCACTTA	1400
Metarhizium_pingshaense_ARSEF_2809	TAGTCTCAAT	AATAGTACAC	TC-----	-----	ACTTGTG---	-----GTGCG	GCTGTGCGGC	TGTGCTGACG	TGCTTGTGGT	GGTGCACTTA	1400
Metarhizium_pingshaense_ARSEF_3210	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTC	ACTTGTG---	-----GTGCG	GGTGTGCGGG	TGTGCTGACG	TACTTGTGGT	GGTGCACTTA	1400
Metarhizium_pingshaense_ARSEF_4342	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTC	ACTTGTG---	-----	-----	-----	-----GT	GGTGCACTTA	1400
Metarhizium_pingshaense_ARSEF_7422	TAGTCTCAAT	AATAGTACAC	CCGTTTATCG	CGATGCACTC	ACTTGTG---	-----	-----	-----	-----GT	GGTGCACTTA	1400
Metarhizium_pingshaense_ARSEF_7929	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTC	ACTTGTG---	-----GTGCG	GGTGTGCGGG	TGTGCTGACG	TACTTGTGGT	GGTGCACTTA	1400
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_robertsii_TYPE_ARSEF_2575	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTA---	-----	---GTGCGGT	TGTGCTGACG	TACTTGTGGT	GGTGTACTTA	1400
Metarhizium_robertsii_ARSEF_6472	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTA---	-----	---GTGCGGT	TGTGCTGACG	TACTTGTGGT	GGTGTACTTA	1400
Metarhizium_robertsii_ARSEF_727	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTA---	-----	---GTGCGGT	TGTGCTGACG	TACTTGTGGT	GGTGTACTTA	1400
Metarhizium_robertsii_ARSEF_7501	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1400
Metarhizium_robertsii_ARSEF_7532	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTA---	-----	---GTGCGGT	TGTGCTGACG	TACTTGTGGT	GGTGTACTTA	1400
Metarhizium_robertsii_ARSEF_8070	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTA---	-----	---GTGCGGT	TGTGCTGACG	TACTTGTGGT	GGTGTACTTA	1400
Metarhizium_robertsii_ARSEF_8685	TAGTCTCAAT	AATAGTACAC	TCGTTTATCG	CGATGCACTT	ACTTGTA---	-----	---GTGCGGT	TGTGCTGACG	TACTTGTGGT	GGTGTACTTA	1400

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_anisopliae_TYPE_ARSEF_7487	CTCTACAATA	GTGCTGGTAC	TTACGGTCGC	ACACAAATCC	CTAGTATTTT	GGTGTAGTTG	TGATCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_anisopliae_ARSEF_1080	CTCTACAATA	GTGCTGGTAC	TTACGGTCGC	ACACAAATCC	CTAGTATTTT	GGTGTAGTTG	TGGTCGTGGT	GGTGCAGTTA	CACCAGTGCA	CTTACCCTGT	1500
Metarhizium_anisopliae_ARSEF_6347	CTCTACAATA	GTGCTGGTAC	TTACGGTCGC	ACACAAATCC	CTAGTATTTT	GGTGTAGTTG	TGGTCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_anisopliae_ARSEF_7450	CTCTACAATA	GTGCTGGTAC	TTACGGTCGC	ACACAAATCC	CTAGTATTTT	GGTGTAGTTG	TGATCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_anisopliae_ARSEF_798	CTCTACAATA	GTGCTGGTAC	TTACGGTCGC	ACACAAATCC	CTAGTATTTT	GGTGTAGTTG	TGGTCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_anisopliae_ART_2062	CTCTACAATA	GTGCTGGTAC	TTACGGTCGC	ACACAAATCC	CTAGTATTTT	GGTGTAGTTG	TGATCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_brunneum_TYPE_ARSEF_2107	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_brunneum_ARSEF_1066	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_brunneum_ARSEF_1278	-----	-----	-----	-----	-----	-----	-----GTGGT	GGTGGAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_brunneum_ARSEF_3295	-----	-----	-----	-----	-----	-----	-----	-----	-----	-TTACCCTGT	1500
Metarhizium_brunneum_ARSEF_3826	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_brunneum_ARSEF_4152	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAATTTT	CCAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_brunneum_ARSEF_4179	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAATTTT	CCAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	GGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_brunneum_ARSEF_5198	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_brunneum_ARSEF_7524	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_brunneum_ARSEF_988	-----	-----	-----	-----	-----	-----	-----	-----	-----	-TTACCCTGT	1500
Metarhizium_brunneum_ART_2825	-----	-----	-----	-----	-----	-----	-----	-----	-----	-TTACCCTGT	1500
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
mpin-IDR1	-----	-----	-----	T ATACAAGTTC	CTAGTATTTT	GGC	-----	-----	-----	-----	1500
Metarhizium_pingshaense_TYPE_CBS_257.90	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAT	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGCCGTGGT	CGTGCAGTTA	CAGCAGTGTA	CTTACCCTGT	1500
Metarhizium_pingshaense_ARSEF_2809	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAT	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGTA	CTTACCCTGT	1500
Metarhizium_pingshaense_ARSEF_3210	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAT	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGCCGTGGT	CGTGCAGTTA	CAGCAGTGTA	CTTACCCTGT	1500
Metarhizium_pingshaense_ARSEF_4342	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAT	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGTA	CTTACCCTGT	1500
Metarhizium_pingshaense_ARSEF_7422	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAT	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGTA	CTTACCCTGT	1500
Metarhizium_pingshaense_ARSEF_7929	CTCTACAATA	GTGCTGGTAC	TTGCGGTCAT	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGCCGTGGT	CGTGCAGTTA	CAGCAGTGTA	CTTACCCTGT	1500
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1500
Metarhizium_robertsii_TYPE_ARSEF_2575	CTCTATAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_robertsii_ARSEF_6472	CTCTATAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_robertsii_ARSEF_727	CTCTATAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_robertsii_ARSEF_7501	-----	----TGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_robertsii_ARSEF_7532	CTCTATAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_robertsii_ARSEF_8070	CTCTATAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500
Metarhizium_robertsii_ARSEF_8685	CTCTATAATA	GTGCTGGTAC	TTGCGGTCAC	ATACAAGTTC	CTAGTATTTT	GGCGTAGTTG	TGGTCGTGGT	CGTGCAGTTA	CAGCAGTGCA	CTTACCCTGT	1500

mani-IDR1											1700
Metarhizium_anisopliae_TYPE_ARSEF_7487	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTAT--	-----A	GGGTAGGCCG	GGGCAGGTAC	1700
Metarhizium_anisopliae_ARSEF_1080	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGGCTG	-TGCCGGTAC	1700
Metarhizium_anisopliae_ARSEF_6347	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGGCTG	-TGCCGGTAC	1700
Metarhizium_anisopliae_ARSEF_7450	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTAT--	-----A	GGGTAGGCCG	GGGCAGGTAC	1700
Metarhizium_anisopliae_ARSEF_798	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGGCTG	-TGCCGGTAC	1700
Metarhizium_anisopliae_ART_2062	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTAT--	-----A	GGGTAGGCCG	GGGCAGGTAC	1700
mbru-IDF1											1700
mbru-IDR1											1700
Metarhizium_brunneum_TYPE_ARSEF_2107	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGC	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_1066	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_1278	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_3295	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTGGCCG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_3826	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_4152	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_4179	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_5198	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_7524	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ARSEF_988	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTGGCCG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_brunneum_ART_2825	TTTT-CAAAA	TCGACGACCA	AAAGGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTACGG	CGCTACTATA	GGGTAGG---		1700
mpin-IDF1											1700
mpin-IDR1											1700
Metarhizium_pingshaense_TYPE_CBS_257.90	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_pingshaense_ARSEF_2809	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_pingshaense_ARSEF_3210	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_pingshaense_ARSEF_4342	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_pingshaense_ARSEF_7422	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATACAG	ATTTGTATGG	CGCTACTATA	GGGTAAG---		1700
Metarhizium_pingshaense_ARSEF_7929	TTTT-CAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
mrob-IDF1											1700
mrob-IDR1											1700
Metarhizium_robertsii_TYPE_ARSEF_2575	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_robertsii_ARSEF_6472	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_robertsii_ARSEF_727	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_robertsii_ARSEF_7501	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_robertsii_ARSEF_7532	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_robertsii_ARSEF_8070	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATACAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700
Metarhizium_robertsii_ARSEF_8685	TTTTTCAAAA	TCGACGACCA	AAAAGTTGGT	AGGTCTGGGT	TGCCTTGCTG	GCCAATAGAG	ATTTGTATGG	CGCTACTATA	GGGTAGG---		1700

mani-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
mani-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
Metarhizium_anisopliae_TYPE_ARSEF_7487	TTGCAGTCGC	ATACAAATTC	TCTAGTAATT	TGATGTACCT	CCGCGCGAAT	GGCAGTTTGG	CAGGGTAGGT	ACCGGGTAGG	CTGGTGCAGG	TACTTGCACT	1800
Metarhizium_anisopliae_ARSEF_1080	TTGCTGTCGC	ATACAAATTC	CCTAGTAACT	GGAAGTACCT	C-----	-GCAGTTTGG	TAGGGCAGGT	ACCGGGTAGG	CTG-TGCCCG	TACTTGCTGT	1800
Metarhizium_anisopliae_ARSEF_6347	TTGCTGTCGC	ATACAAATTC	CCTAGTAACT	GGAAGTACCT	C-----	-GCAGTTTGG	TAGGGCAGGT	ACCGGGTAGG	CTG-TGCCCG	TACTTGCTGT	1800
Metarhizium_anisopliae_ARSEF_7450	TTGCAGTCGC	ATACAAATTC	TCTAGTAATT	TGATGTACCT	CCGCGCGAAT	GGCAGTTTGG	CAGGGTAGGT	ACCGGGTAGG	CTGGTGCAGG	TACTTGCACT	1800
Metarhizium_anisopliae_ARSEF_798	TTGCTGTCGC	ATACAAATTC	CCTAGTAACT	GGAAGTACCT	C-----	-GCAGTTTGG	TAGGGCAGGT	ACCGGGTAGG	CTG-TGCCCG	TACTTGCTGT	1800
Metarhizium_anisopliae_ART_2062	TTGCAGTCGC	ATACAAATTC	TCTAGTAATT	TGATGTACCT	CCGCGCGAAT	GGCAGTTTGG	CAGGGTAGGT	ACCGGGTAGG	CTGGTGCAGG	TACTTGCACT	1800
mbru-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
mbru-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
Metarhizium_brunneum_TYPE_ARSEF_2107	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_1066	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_1278	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_3295	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_3826	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGTCGG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_4152	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_4179	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_5198	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_7524	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ARSEF_988	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_brunneum_ART_2825	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
mpin-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
mpin-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
Metarhizium_pingshaense_TYPE_CBS_257.90	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TACCGG	TACTTGCGGT	1800
Metarhizium_pingshaense_ARSEF_2809	-----	-----	-----	-----	-----	-----	-----T	ACAGGGTAGG	CTG-TACCGG	TACTTGCGGT	1800
Metarhizium_pingshaense_ARSEF_3210	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TACCGG	TACTTGCGGT	1800
Metarhizium_pingshaense_ARSEF_4342	-----	-----	-----	-----	-----	-----	-----T	GATAGGGTAGG	CTG-TACCGG	TACTTGCGGT	1800
Metarhizium_pingshaense_ARSEF_7422	-----	-----	-----	-----	-----	-----	-----C	ATAGGGTAGG	CTG-TACCGG	TACTTGCGGT	1800
Metarhizium_pingshaense_ARSEF_7929	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TACCGG	TACTTGCGGT	1800
mrob-IDF1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
mrob-IDR1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1800
Metarhizium_robertsii_TYPE_ARSEF_2575	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_robertsii_ARSEF_6472	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_robertsii_ARSEF_727	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_robertsii_ARSEF_7501	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_robertsii_ARSEF_7532	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_robertsii_ARSEF_8070	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800
Metarhizium_robertsii_ARSEF_8685	-----	-----	-----	-----	-----	-----	-----T	ATAGGGTAGG	CTG-TGCCCG	TACTTGCGGT	1800

mani-IDF1	-----	-----	-----	-----	-----	1850
mani-IDR1	-----	-----	-----	-----	-----	1850
Metarhizium_anisopliae_TYPE_ARSEF_7487	TGCATACAAA	TTCTCTAGTA	ACTGGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_anisopliae_ARSEF_1080	CGCATACAAA	TTCCCTAGTA	ACTGGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_anisopliae_ARSEF_6347	CGCATACAAA	TTCCCTAGTA	ACTGGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_anisopliae_ARSEF_7450	TGCATACAAA	TTCTCTAGTA	ACTGGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_anisopliae_ARSEF_798	CGCATACAAA	TTCCCTAGTA	ACTGGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_anisopliae_ART_2062	TGCATACAAA	TTCTCTAGTA	ACTGGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
mbru-IDF1	-----	-----	-----	-----	-----	1850
mbru-IDR1	-----	-----	-----	-----	-----	1850
Metarhizium_brunneum_TYPE_ARSEF_2107	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_brunneum_ARSEF_1066	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_brunneum_ARSEF_1278	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAAGTT	1850
Metarhizium_brunneum_ARSEF_3295	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAGCTT	1850
Metarhizium_brunneum_ARSEF_3826	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_brunneum_ARSEF_4152	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAGCTT	1850
Metarhizium_brunneum_ARSEF_4179	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAGCTT	1850
Metarhizium_brunneum_ARSEF_5198	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_brunneum_ARSEF_7524	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_brunneum_ARSEF_988	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAGCTT	1850
Metarhizium_brunneum_ART_2825	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGC-	-GGGCAGCCT	1850
mpin-IDF1	-----	-----	-----	-----	-----	1850
mpin-IDR1	-----	-----	-----	-----	-----	1850
Metarhizium_pingshaense_TYPE_CBS_257.90	CGCACACAAA	T-CCCTAGCA	GCCTGGAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_pingshaense_ARSEF_2809	CGCACACAAA	T-CCCTAGCA	GCCTGGAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_pingshaense_ARSEF_3210	CGCACACAAA	T-CCCTAGCA	GCCTGGAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_pingshaense_ARSEF_4342	CGCACACAAA	T-CCCTAGCA	GCCTGGAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_pingshaense_ARSEF_7422	CGCACACAAA	T-CCCTAGCA	GCCTGGAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_pingshaense_ARSEF_7929	CGCACACAAA	T-CCCTAGCA	GCCTGGAGTA	CCCCCGCGCG	CGGGCAACTT	1850
mrob-IDF1	-----	-----	-----	-----	-----	1850
mrob-IDR1	-----	-----	-----	-----	-----	1850
Metarhizium_robertsii_TYPE_ARSEF_2575	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_robertsii_ARSEF_6472	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_robertsii_ARSEF_727	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_robertsii_ARSEF_7501	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_robertsii_ARSEF_7532	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_robertsii_ARSEF_8070	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850
Metarhizium_robertsii_ARSEF_8685	CGCACACAAA	T-CCCTAGCA	GCCTGAAGTA	CCCCCGCGCG	CGGGCAACTT	1850

Supplementary Figure S6. Alignment of ribosomal intergenic spacer (rIGS) sequences used for diagnostic primer design. Diagnostic primer pairs are indicated by colors: mani-IDF1/R1 (blue), mbru-IDF1/R1 (green), mpin-IDF1/R1 (red), mrob-IDF1/R1 (yellow).