

Table S1. Fungal sequences obtained with the primers ITS1F and ITS2.

Sequence identification	Lenght	Sequence 5'→3'
F1	183	AATGTTTCGTGGCTGTAGAGGATATAACGCGAGTTGTTGAATCTC AGTTACTTTAGCCCACTCCCGAAAGGGAGATGGACAGCACGCAT TAGCTTTGCTTTTGTGTGTGACATAGACTTTAAATCATGACTTAT TTCATTATTAATAAATAACCAAACTTTTAACAATGGATCTCTGGC TCTT
F2	194	GATCATTACAAAATGTTAAAGGGGTGCAGTTGCGTGTTTGCCTG AGCGACTGTGATTGCACTCTGTAAGCCCACTCCCGAAAGGGAGA TGGACACGTGTGCGCTTTGAGCGTGCATGACATAGACTTTAAA TCATGACTTAACCAACCATTTAATTAAACCAAACTTTTAACAA TGGATCTCTTGGCTCCT
F3	170	AGGATCATTACAAATCATTGCAAGCCAGTCAGCTTATTACTTAC TGGGCGAGCACATTGGCACAGGGTTGCTGCTGCTGCAGCGACCT TGATGTTTACGCTTGATGTTTGACAGAGTAAATTGTGACTAAAA TATAGACAACCTTTTAACAATGGATCTCTTGGCTCTT
F4	164	ATCATTACAAATCATTGCAAGCCAGTCAGCTTATTACTTACTGG GCGAGCACATTGGCACAGGGTTGCTGCTGCAGCGACCTTGATGT TTACGCTTGCTGTTTGACAAAGTAAATTGTGACTAAAATATAGA CAACTTTTAACAATGGATCTCTTGGCTCTT
F5	224	AGGATCATTAACGAGTTTTGAAACGAGTTGTAGCTGGCCTTCCG AGGCATGTGCACGCTCTGCTCATCCACTTACCCCTGTGCACTTA CTGTAGGTTGGCGTGGGCTCCTTAACGGGAGCATTCTGCCGGCCT ATGTATACTACAAACACTTTAAAGTATCAGAAATGTAACGCGTC TAACGCATCTATAATACAACCTTTTAGCAACGGATCTCTTGGCTCT C

Table S2. One-factor ANOVA on the result of HZT removal in bioslurry for three different medias (complete media, glucose media and no-nutrient media) under sterile conditions

Source of variation	d.f.	S.S.	M.S	f ratios
Media culture	2	31.37	15.68	5.77 ^s
Error	18	48.89	2.72	-
Total	20	80.26	-	-

d.f.= degree of freedom; S.S.= sum of squares; M.S.= mean squares; s/ns= significant or not significant at $p < 0.10$

Table S3. One-factor ANOVA on the result of HZT removal in bioslurry for sterile and non-sterile conditions with no-nutrient media.

Source of variation	d.f.	S.S.	M.S	f ratios
Culture conditions	1	12.32	12.32	3.18 ^{ns}
Error	12	65.82	5.49	-
Total	13	78.14	-	-

d.f.= degree of freedom; S.S.= sum of squares; M.S.= mean squares; s/ns= significant or not significant at $p < 0.10$

Table S4. One-factor ANOVA on the result of HZT removal in bioslurry for inoculated and non-inoculated cultures with no-nutrient media under non-sterile conditions.

Source of variation	d.f.	S.S.	M.S	f ratios
Culture conditions	1	5.21	5.21	0.70 ^{ns}
Error	12	88.94	7.41	-
Total	13	94.15	-	-

d.f.= degree of freedom; S.S.= sum of squares; M.S.= mean squares; s/ns= significant or not significant at $p < 0.10$