

Selection of wood decay fungal strains by TGA and SEM for developing pure mycelium mats

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Supplementary Material

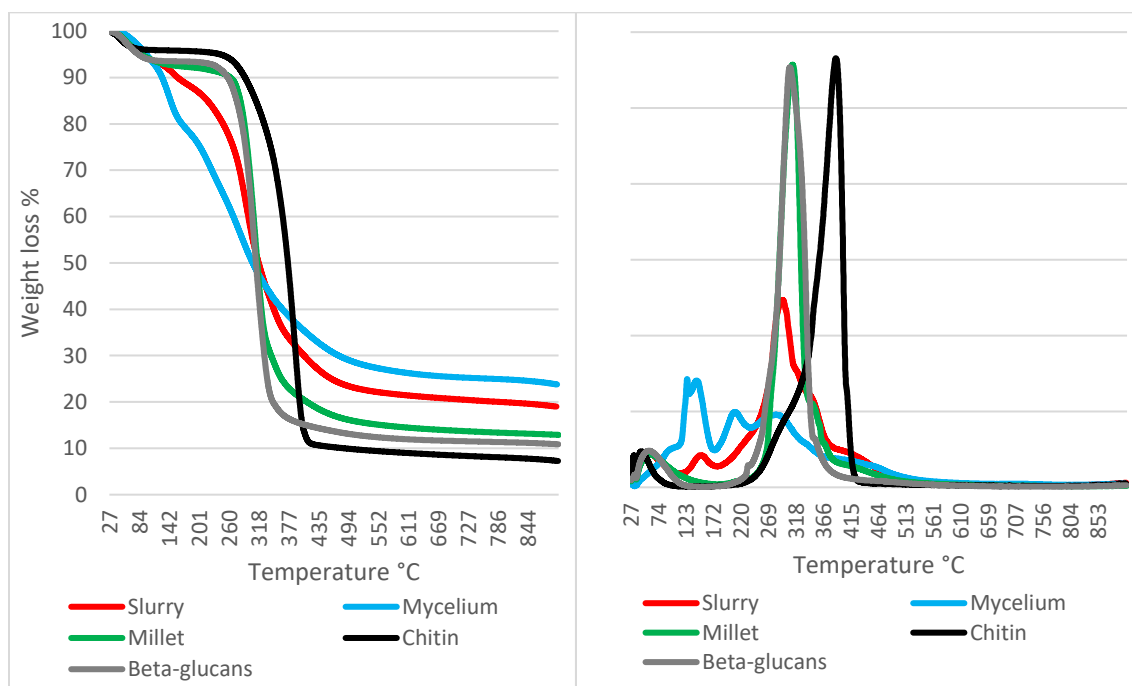


Figure S1: TGA (left) and DTGA (right) profiles of strain 1 (pure mycelium and slurry mat) compared to reference materials.

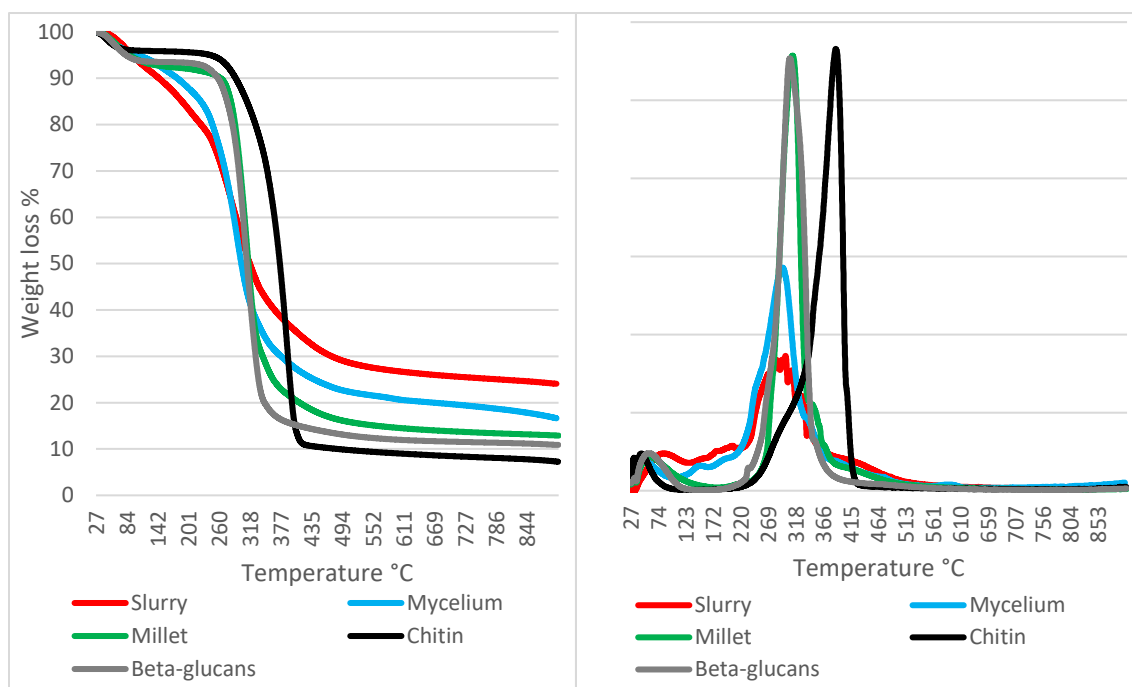


Figure S2: TGA (left) and DTGA (right) profiles of strain 2 (pure mycelium and slurry mat) compared to reference materials.

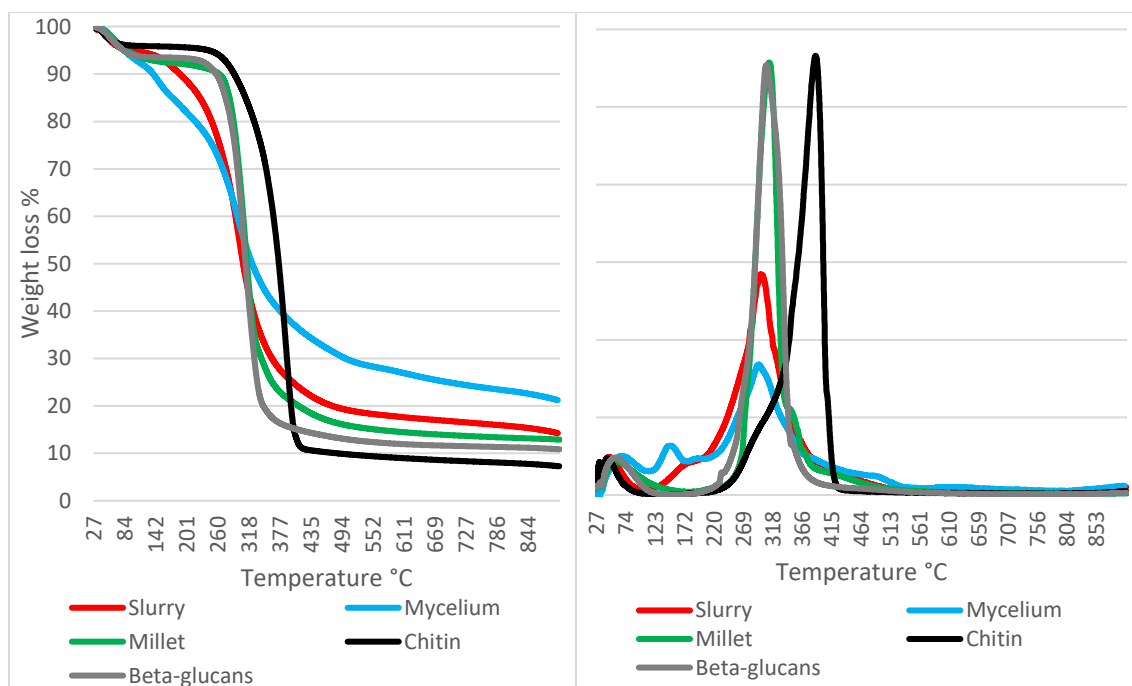


Figure S3: TGA (left) and DTGA (right) profiles of strain 3 (pure mycelium and slurry mat) compared to reference materials.

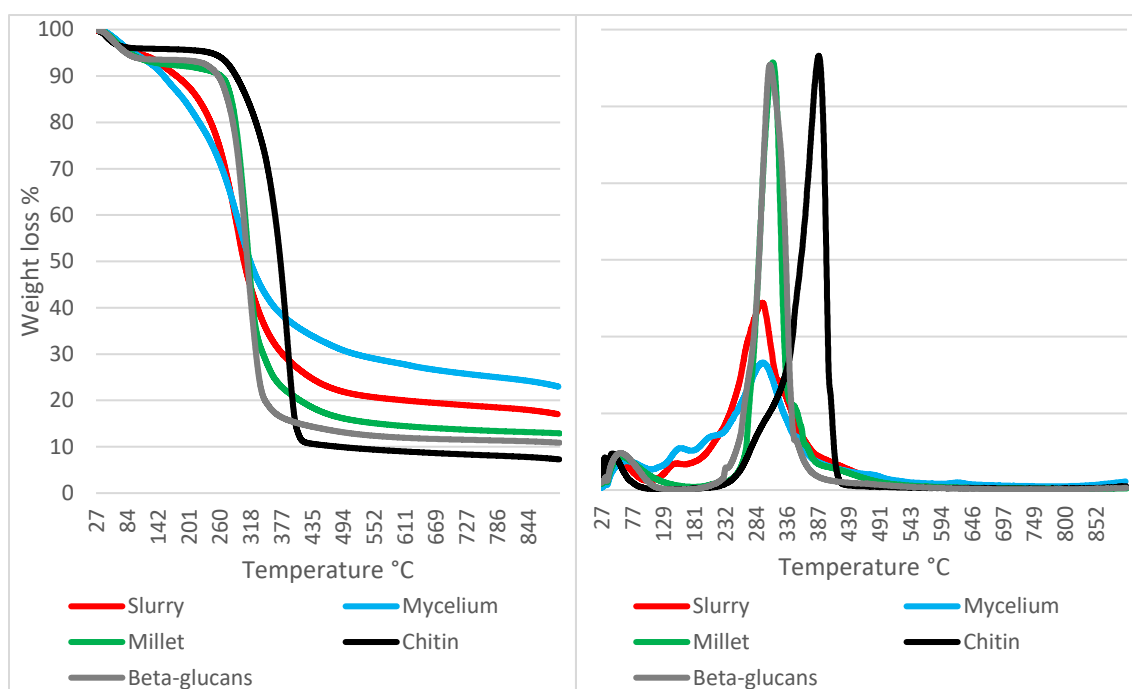


Figure S4: TGA (left) and DTGA (right) profiles of strain 4 (pure mycelium and slurry mat) compared to reference materials.

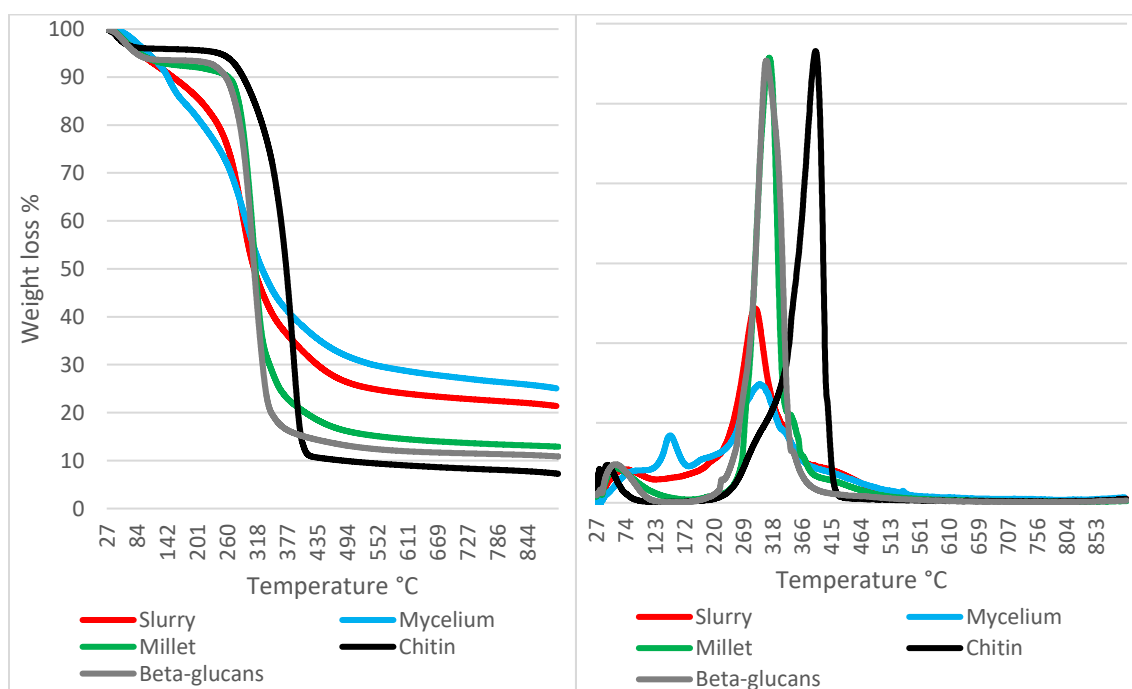


Figure S5: TGA (left) and DTGA (right) profiles of strain 5 (pure mycelium and slurry mat) compared to reference materials.

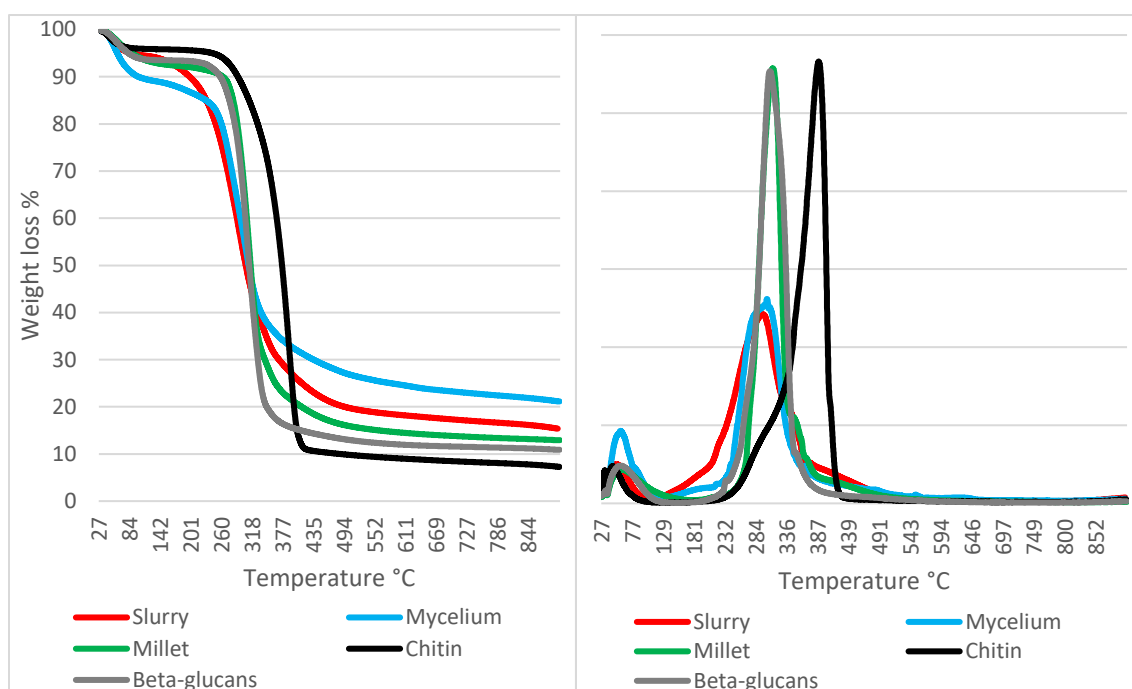


Figure S6: TGA (left) and DTGA (right) profiles of strain 6 (pure mycelium and slurry mat) compared to reference materials.

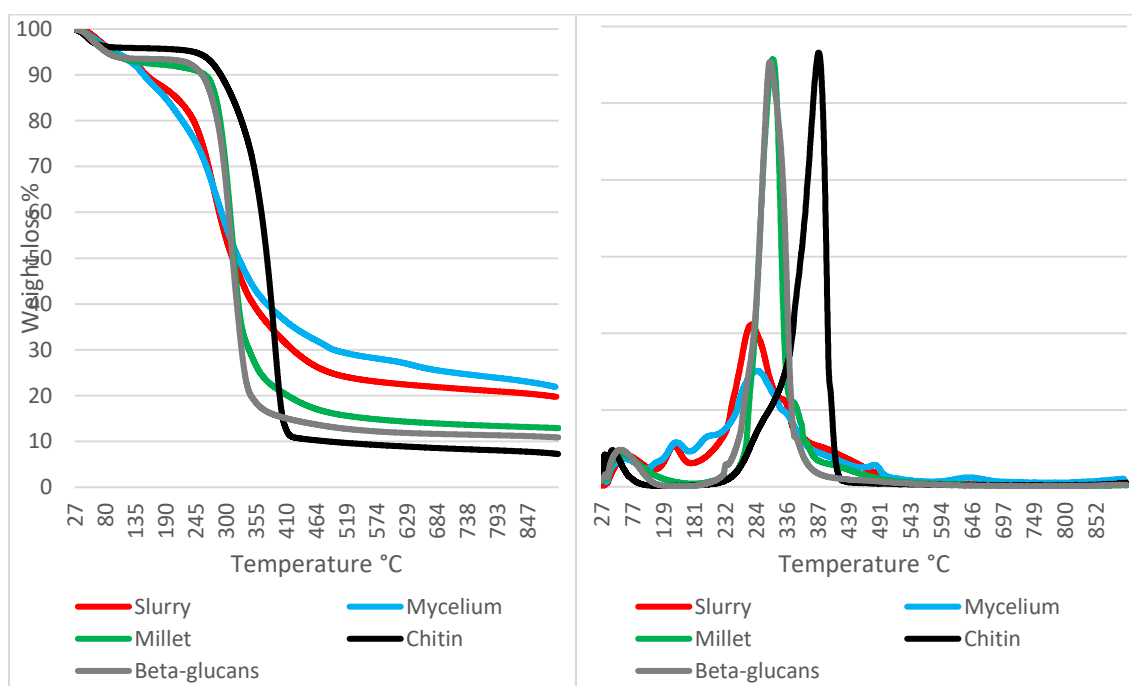


Figure S7: TGA (left) and DTGA (right) profiles of strain 7 (pure mycelium and slurry mat) compared to reference materials.

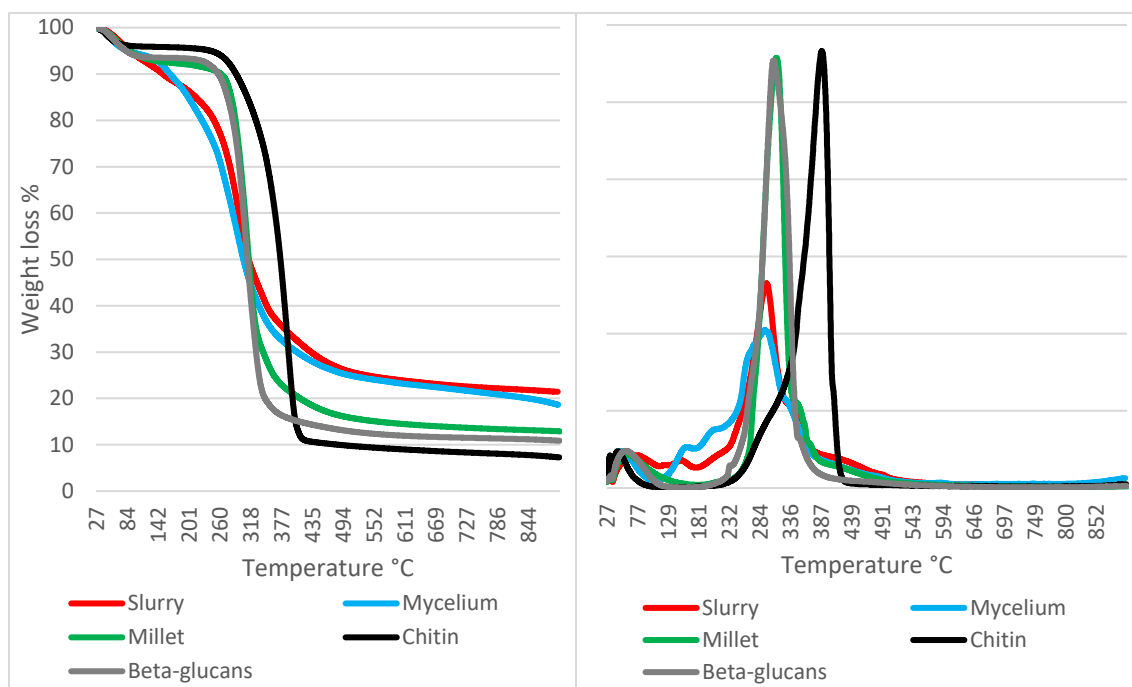


Figure S8: TGA (left) and DTGA (right) profiles of strain 8 (pure mycelium and slurry mat) compared to reference materials.

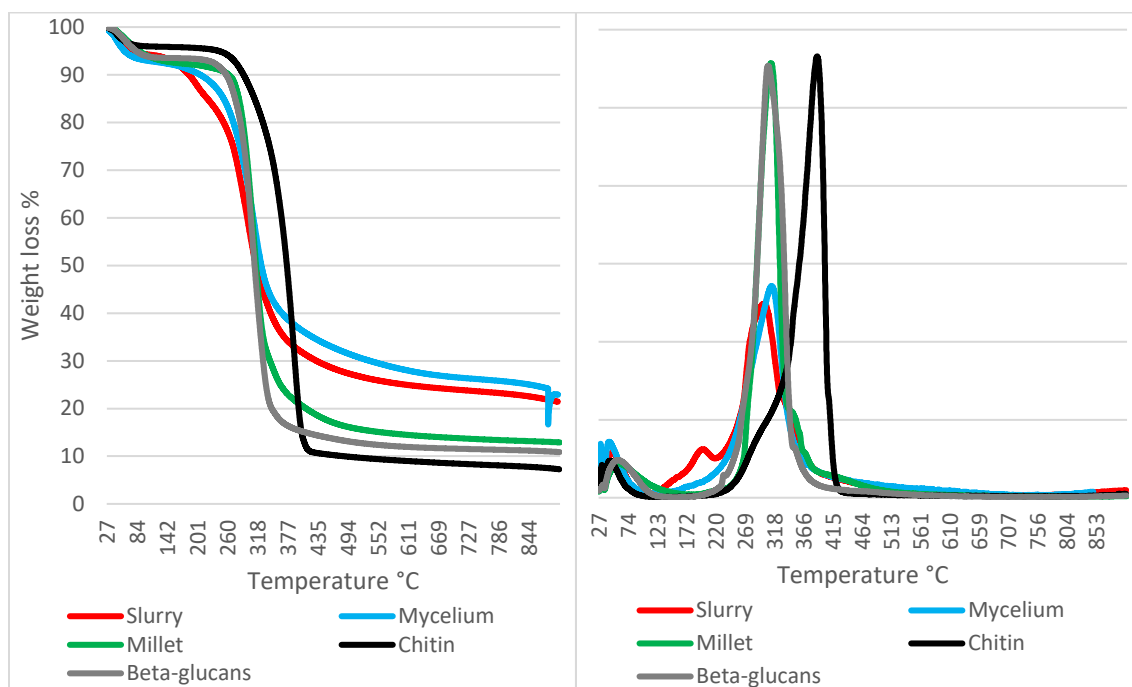


Figure S9: TGA (left) and DTGA (right) profiles of strain 9 (pure mycelium and slurry mat) compared to reference materials.

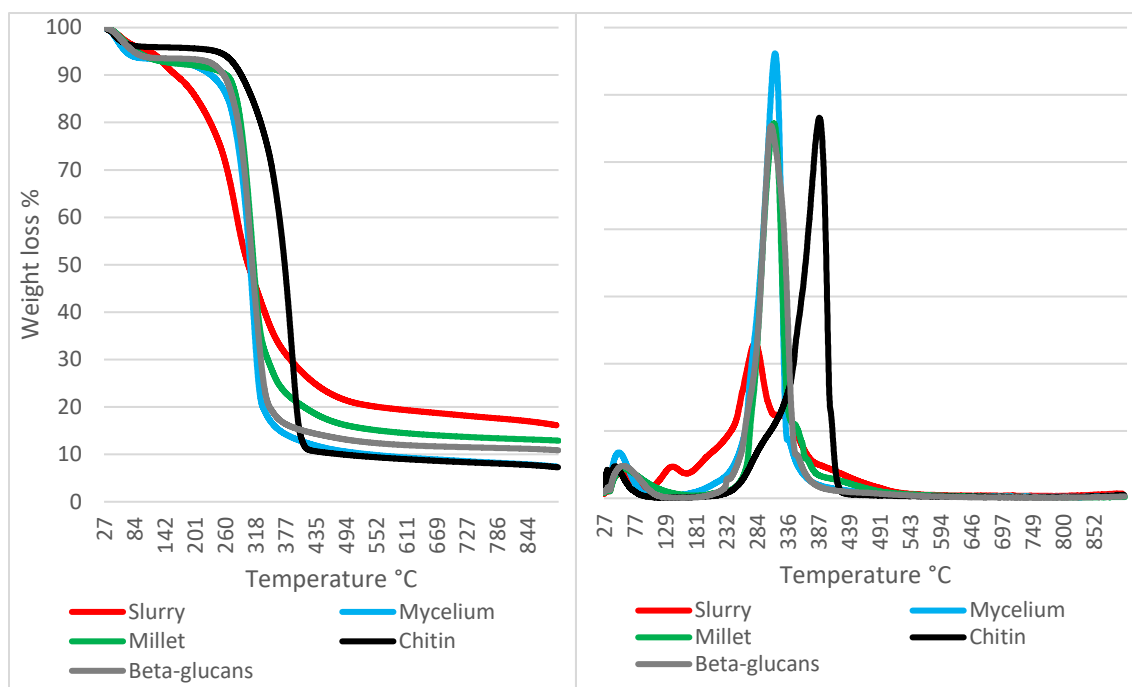


Figure S10: TGA (left) and DTGA (right) profiles of strain 10 (pure mycelium and slurry mat) compared to reference materials.

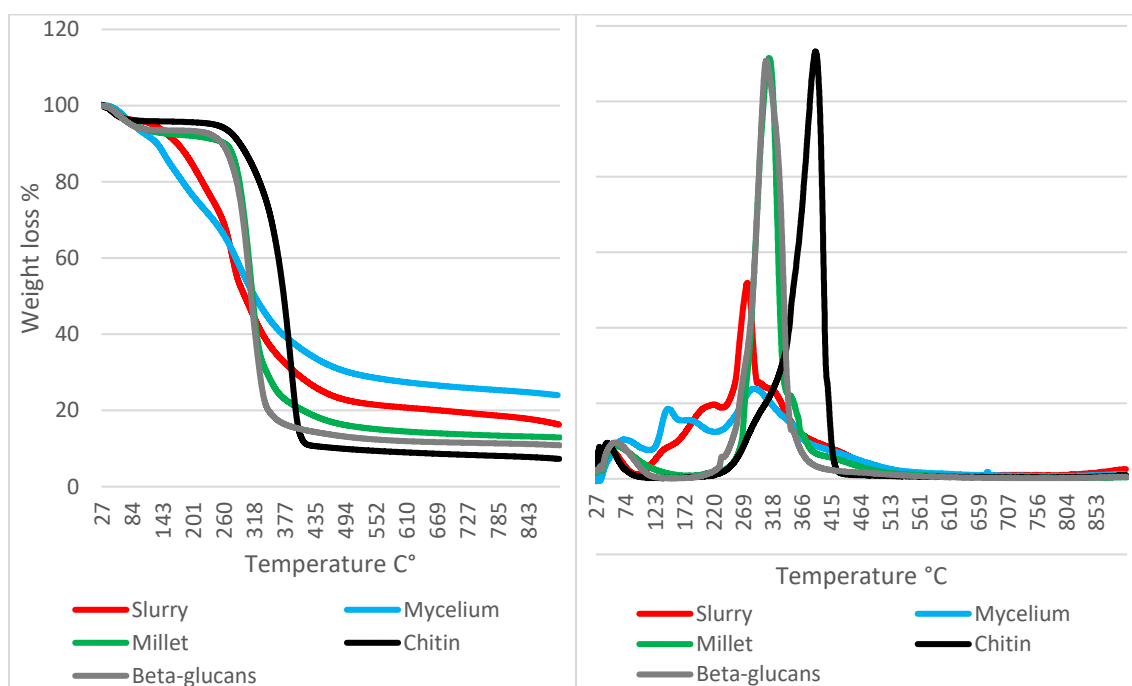


Figure S11: TGA (left) and DTGA (right) profiles of strain 11 (pure mycelium and slurry mat) compared to reference materials.

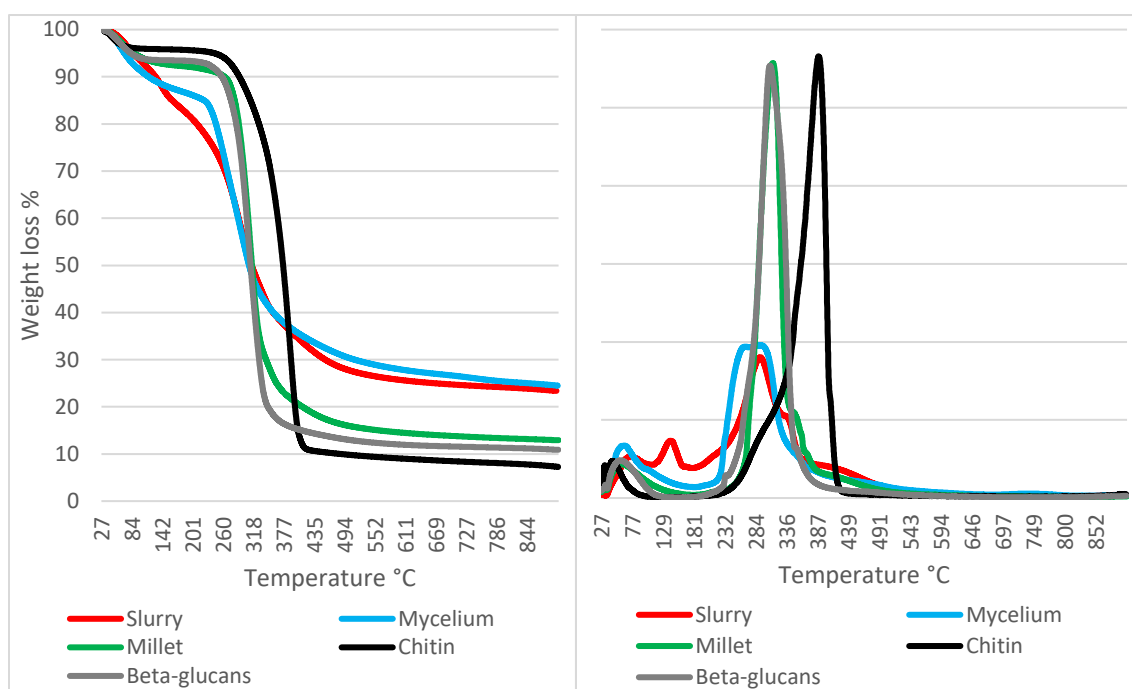


Figure S12: TGA (left) and DTGA (right) profiles of strain 12 (pure mycelium and slurry mat) compared to reference materials.

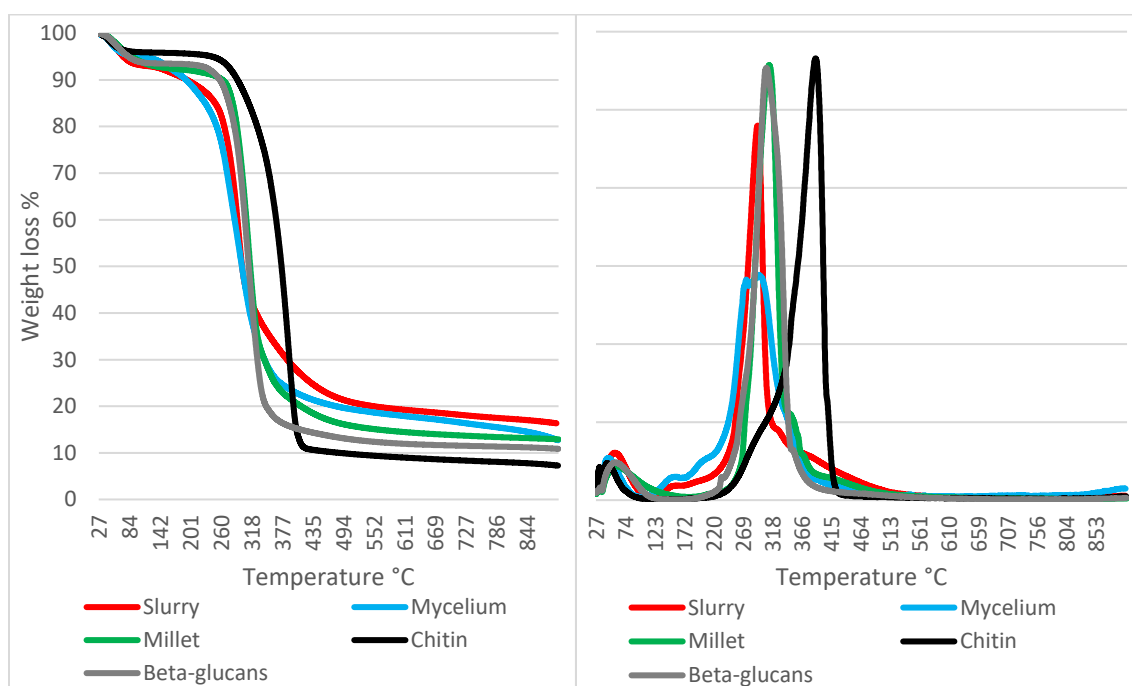


Figure S13: TGA (left) and DTGA (right) profiles of strain 13 (pure mycelium and slurry mat) compared to reference materials.

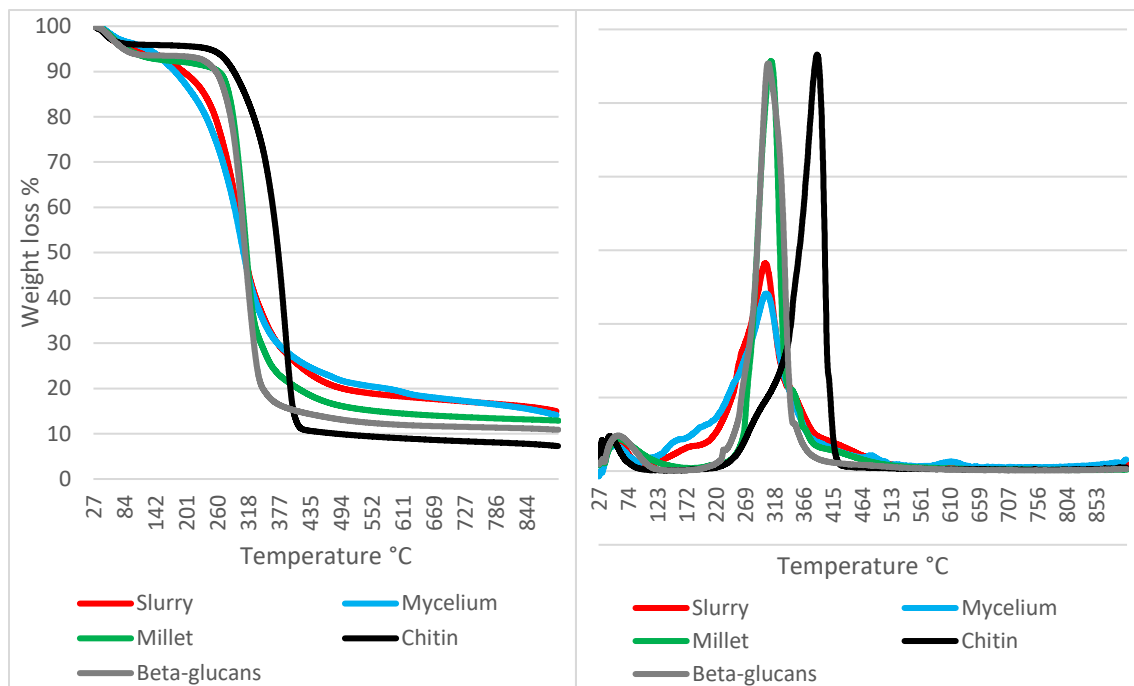


Figure S14: TGA (left) and DTGA (right) profiles of strain 14 (pure mycelium and slurry mat) compared to reference materials.

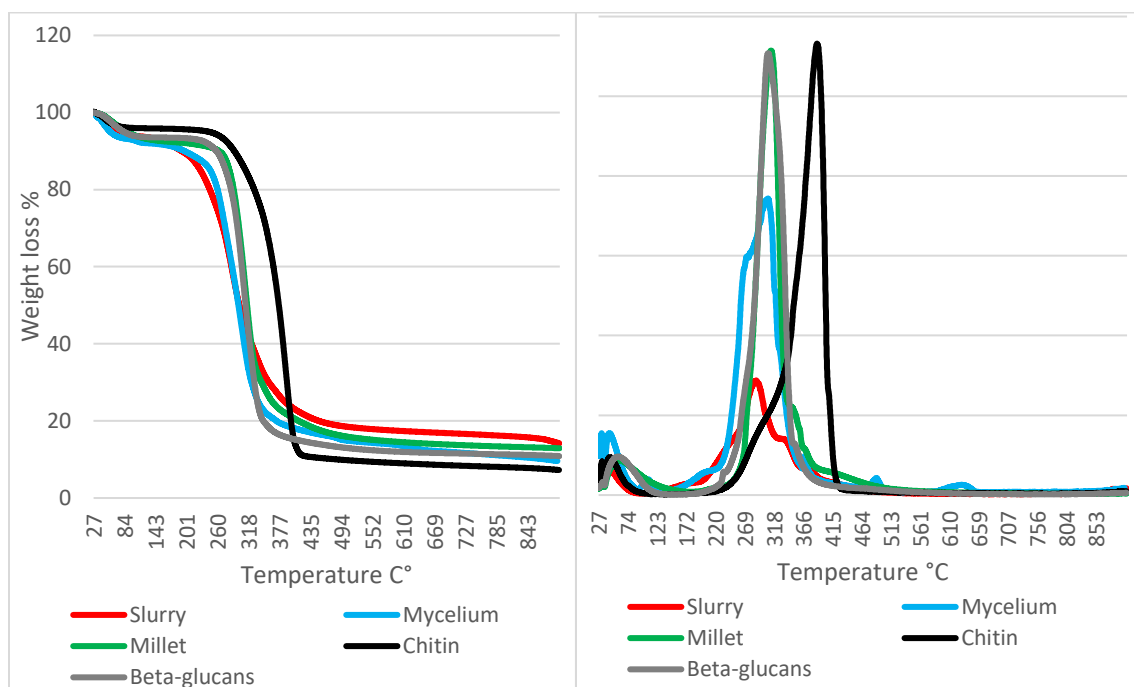


Figure S15: TGA (left) and DTGA (right) profiles of strain 15 (pure mycelium and slurry mat) compared to reference materials.

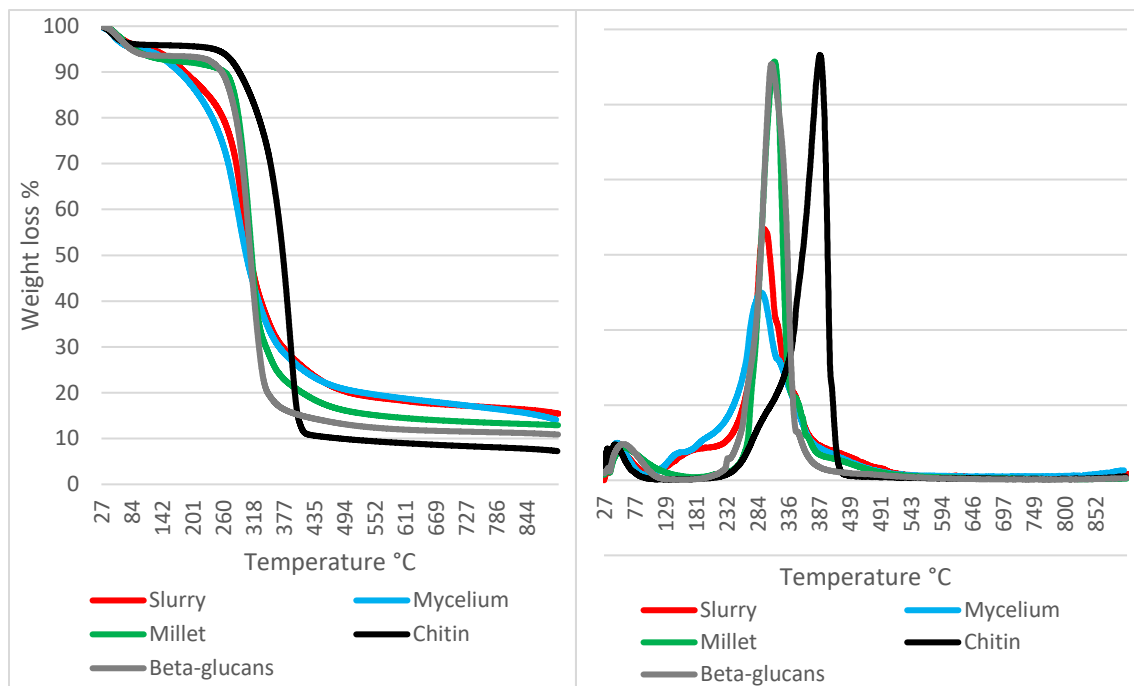


Figure S16: TGA (left) and DTGA (right) profiles of strain 16 (pure mycelium and slurry mat) compared to reference materials.

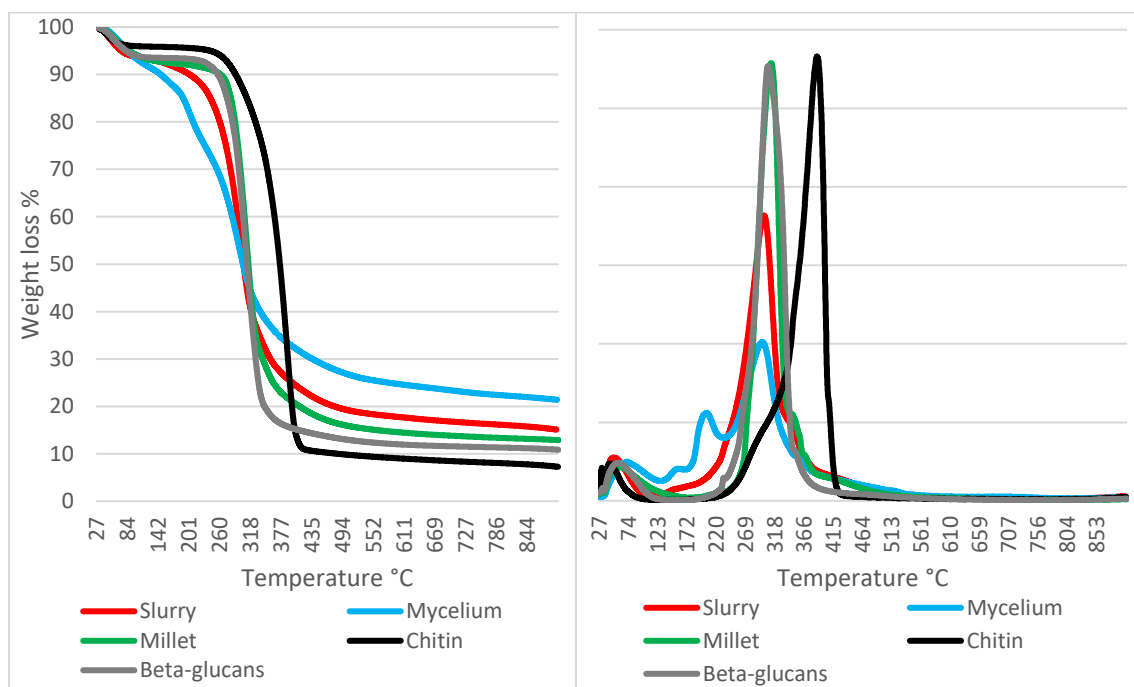


Figure S17: TGA (left) and DTGA (right) profiles of strain 17 (pure mycelium and slurry mat) compared to reference materials.

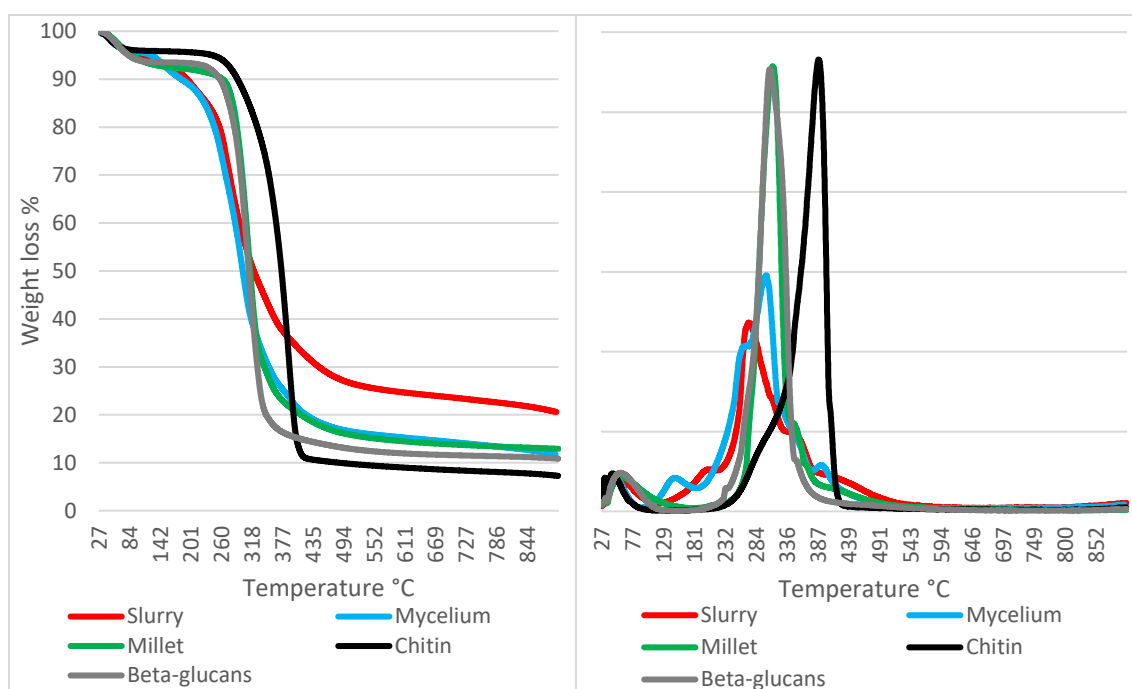


Figure S18: TGA (left) and DTGA (right) profiles of strain 18 (pure mycelium and slurry mat) compared to reference materials.

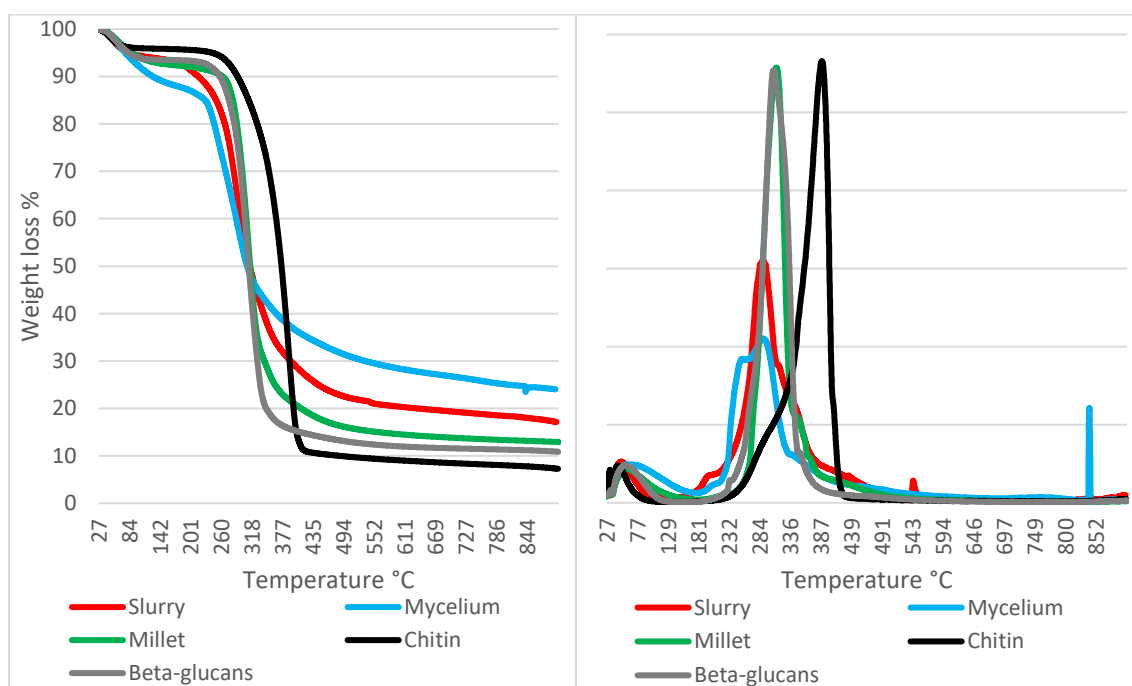


Figure S19: TGA (left) and DTGA (right) profiles of strain 19 (pure mycelium and slurry mat) compared to reference materials.

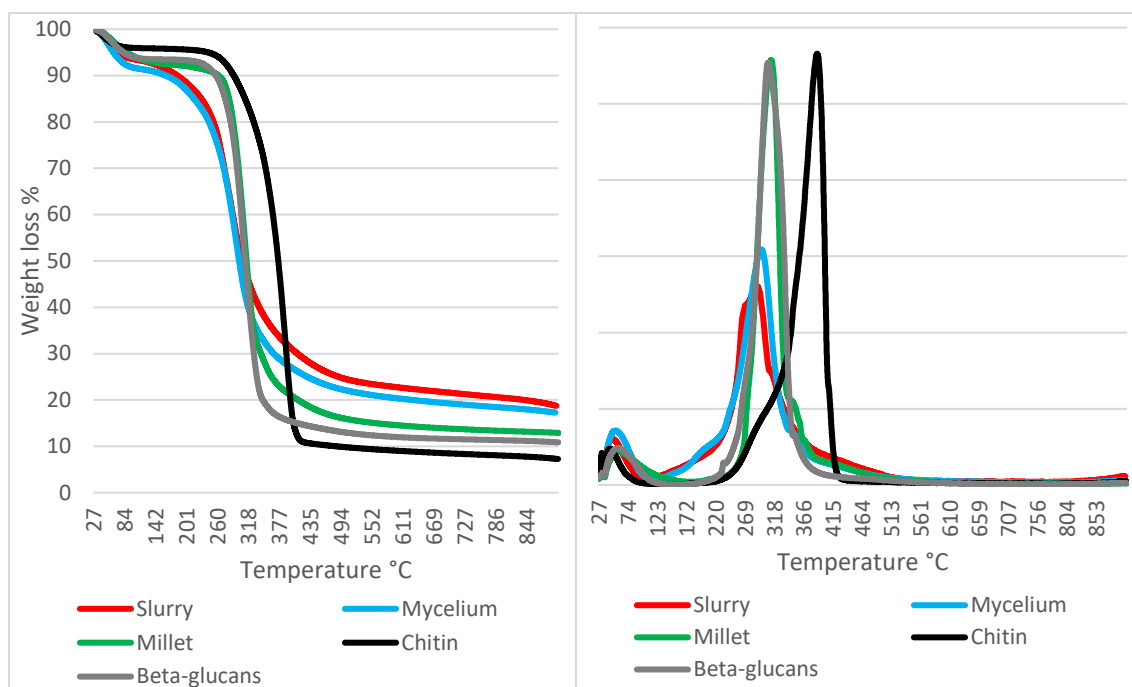


Figure S20: TGA (left) and DTGA (right) profiles of strain 20 (pure mycelium and slurry mat) compared to reference materials.

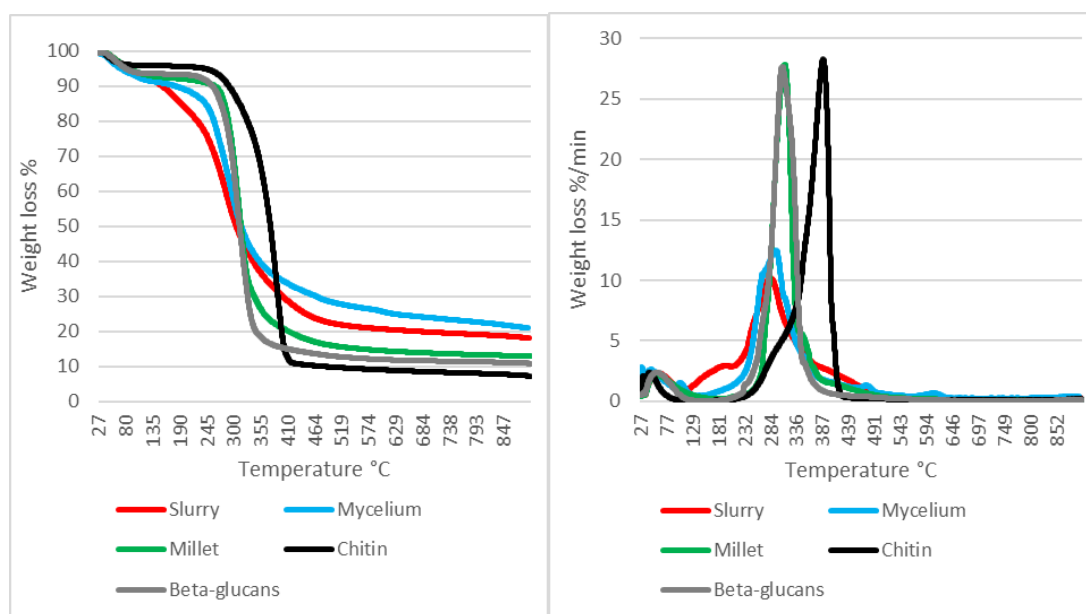


Figure S21: TGA (left) and DTGA (right) profiles of strain 21 (pure mycelium and slurry mat) compared to reference materials.

Table S1: ITS sequences of the strains and main parameters on Mycobank Molecular ID and NCBI.

strain code in the paper	species	MFSC code	ITS sequence	Score	Similarity
1	<i>Abortiporus biennis</i> (Bull.) Singer	064-18	TCTACCTGATTTGAGGTCAGATTTCAAGTATATAAGTTTGTCTGA GTAAACAGACGGTTAGAAGCATGAACTATAAATTTTGTACAACA TCTACAGCGCAGATAATTATCACACTGAAAAATGTGCAACACATT CACACTAATACATTTTCAGAGGAGCTGATGTTGATTAACACCGG CATACTCCAAGTCCAATTCTGACAACAAAAGTTGAGAGAATTGA GAATACCATGACACTCAAACAGGCATGCTCCTCGGAATACCAAG GAGCGCAAGGTGCGTTCAAAGATTTCGATGATTCACTGAATTCTG CAATTCACATTACTTATCGCATTTTCGCTGCGTTCTTCATCGATGCG AGAGCCAAGAGATCCGTTGCTGAAAGTTGTATTATTTAATTGCGT TAAACGCGAGTATTACATTCTTTAAACTGAAGCGTATAAATGTGT AAACCACAGACTTTAAATCTTCAATTGACTTTCGTCAAACTCGCG GTGGCAAGCTCGAACGTCCATCAATAAGAAAAATAAAAAATCCA TGTAAGTGCACAGAGGTGTAAAGAATTTGAAATAACCGAGGC GTGCACATGCCTAATAAAAGGCCAGCAACAACCAAGGCATTA AATTCAGTAATGATCCTTCCGCGAGGTTACCTACGGAAG	1030.23	99.85%
2	<i>Bjerkandera adusta</i> (Willd.) P. Karst.	101-19	TGCGGAAGGATCATTATCGAGTTTTGAACGGGTTGTCTGCTGGCT CGCAAGGGCATGTGCACGCCTGTCTCATCCACTCTAACTTCTGTG CACTTTTCATAGGCCGGCTTGTGGGTGCGTTCGCGCACTTGTAGG TGTCGGGCTTATGCTTTATTACAAACGATTCAGTTTTAGAATGTCA TACTTTGCTATAACGCAATTTATATACAACCTTCAGCAACGGATCT CTTGGCTCTCGCATCGATGAAGAACGCAGCGAAATGCGATAAGT AATGTGAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCA CCTTGCGCTCCTTGGTATTCCGAGGAGCATGCCTGTTTGAGTCTC ATGGAATTCTCAACCTTCGGCTTCATTGACGAAGGCTTGACTTG GAGGTCGTGCCGGCTCTCGTAGTCGGCTCCTCTGAAATGCATTAG TGCGAACGTTACCGACCGCTTCAGCGTGATAATTATCTGCGTTGC TGTGGAGGGTATTCTAGTGTTACGCTTCTAACCCTCTTCGGACA AATTTCTGAACTCTGAGCTCAAATCAGTAGGACTACCCGCTGAAC TTAAGCATATCAT	905.01	99.67%
3	<i>Coriolopsis gallica</i> (Fr.) Ryvarden	086-19	GACGGGTTGTACTGGCTCTCCGAGGGCCTGTGCACCCCTGCTCAT CCACTCTACACCTGTGCACTACTGTGGGTATCGGAGGGCGTCCA GTCGTTTGCGGCGAGGCGTTAACCGTGCCTACGTCTTATTACAAA CGCTTCAGTATCAGAATGTGTATTGCGATGTAACGCATCTATATA CACTTTTCAGCAACGGATCTCTTGGCTCTCGCATCGATGAAGAAC GCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAA TCATCGAATCTTTGAACGCACCTTGCCTCCTTGGTATTCCGAGG AGCATGCCTGTTTGAGTGTCATGAAATCTCAAACCCATAAGTCT TTGCGGGCTTACGGGCTTTGGACTTGGAGGCTTTGTGCGCGACC GCGAGGTCTGTGACTCCTCTCAAATGCATTAGCTTGATTCTTG CGGATCGGCTCTCGGTGTGATAATTGTCTACGCCGTGACCGTGA AGCGTTTTGGCGAGCTTCTAATCGTCTCTTACGAGACAGTTTACA TTGACCTCTGACCTCAAATCAGGTAAGACTACCCGCTGAACTTAA CCATATCAATAAGCGGAGGAA	843.20	98.27%

4	<i>Coriolopsis gallica</i> (Fr.) Ryvarden	121-19	GACGGGTTGTAGCTGGCCTTTCCGGAGGCCTGTGCACGCTCTGC TCATCCACTCTACACCTGTGCACTTACTGTGGGTATCGGAAGGCG TCGAGTCGTTTGCGGCGAGGCGTTAACCGTGCCTACGTCTTATTA CAAACGCTTCAGTATCAGAATGTGTATTGCGATGTAACGCATCTA TATACAACTTTTCAGCAACGGATCTCTTGGCTCTCGCATCGATGAA GCCCCGAGCGAAATGCGACAAGTAATGTGAATTGCAGAATTCAG TGAATCATCGAATCTTTGAACGCACCTTGCCTCCTTGGTATTCCG AGGAGCATGCCTGTTTGTAGTGTATGAAATTCTCAAACCCATAAG TCTCCGCGGGCTTACGGGCTTTGGACTTGGAGGCTTTGTGCGCG ACCGCGAGGTCACGTCGACTCCTCTCAAATGCATTAGCTTGATTC CTTGCGGATCGGCTCTCGGTGTGATAATTGTCTACGCCGTGACCG TGAAGCGTTTTGGCGAGCTTCTAATCGTCTCTTACGAGACAGTTT ACATTGACCTCTGACCTCAAACGGAGGCA	827.35	97.85%
5	<i>Coriolopsis trogii</i> (Berk.) Domanski	027-18	GCCTTCCAAGTTCCAAAGCCCCTAAGCCCGCAAAGACTTATGTTT AGAATTTTCATGACACTCAAACCGGCATGCTCCTGGAAATACCCA AGAGCGCAAGGGTTTCAAAGATTGGATGATTCCACTGAATTCTG CAATTCACATTACTTATCGCATTTCTGGTTTCTTCATTGATGGAG AGCCAAGAGATTCCGTGCGAAAAGTTGTATATAGATGCGTTACAT CGCAATACACATTTTGTAGTGAATCGTTTGTAGTAAACGTAGG CACGTTAACGCCTCGCCGTAAACGACGCGACACCTCCCGATACCC ACAGTAAGTGACAGGTGTAGAGTGATGAGCAGGCGTGCACAT GCCTCCGGAGAAGCCAGCTACAACCCATTTCAAACCTCGATAATG ATCCTTCTTCCGTAGGTGAACCTGCGGAAGGATCATTATCGAGTT TTGAAATGGGTTGTAGCTGGCTTCTCCGGAGGCATGTGCACGCC CTGCTCATCCACTCTACACCTGTGCACTTACTGTGGGTATCGGGA GGTGTGCGTCGTTTACGGCGAGGCGTTAACCGTGCCTACGTTTT ACTACAAACGATTTCAGTATCAGAATGTGTATTGCGATGTAACGCA TCTATATACAACTTTTCAGCAACGGATCTCTTGGCTCTCGCATCGAT GAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATT CAGTGAATCATCGAATCTTTGAACGCACCTTGCCTCCTTGGTAT TCCGAGGAGCATGCCTGTTTGTAGTGTATGAAATTCTCAAACCCA TAAGTCTTTGCGGGCTTACGGGCTTTGGACTTGGAGGCTTGTCTG GCGACCGTGAGGTCACATCGACTCCTCTCAAATGCATTAGCTTGA TTCCTTGCGGATCGGCTCTCGGTGTGATAATTGTCTACGCCGTGA CCGTGAAGCGTTTTGGCAAGCTTCTAACCGTCTCTAACGAGACAG CTTACTTTGACCTCTGACCTCAAATCAGGTAGACTCCCCAGAACT TATGCATATGGTTAACCGGCGGAAAGGAACATTATCGAGTTTTG AAATGGGTTGTAGCTGGCTTCTCCGGAGGCATGTGCACGCCTGC TCATCCACTCTACACCTGTGCACTTACTGTGGGTATCGGGGAGGT GTCGCGTCGTTTAGGCGAGGCGTTAACGTGCCTACGTTTTACTAC AAACGATTCATTATCAAAATGTGTATTGCGATGTAACGCTCTATA TACACTTTAGCAACGGATCTCTTGGCTCTCCATCGATGAAGAAAC GCACCGAAATGCGATAAGTTAATGTGGAATTGCAGAAATTCATT GAAATCATCAAATCTTTGAACCCCTTGCCCTCTTGGGTATTCCAG GGAGCATGCCGTT	965.24	95.33%

6	<i>Daedaleopsis confragosa</i> (Bolton) J. Schröt.	155-19	CTGCGGAAGGATCATTAACGAGTTTTGAGGGGTTGTAGCTGGCC TTCCGAGGCATGTGCACGCCCTGCTATTCCACTCTACACCTGTG CACTTACTGTGGGTCTCAGGCGAGCGTCGGTCGCTTCGCGGCGT CGTCGTTCAACTGGGCTCACGTTTTACTACAACTATTAAGTATC AGAATGTCTACTGCGAATTAACGCATTTAAATACAACTTTCAGCA ACGGATCTCTTGGCTCTCGCATCGATGAAGAACGCAGCGAAATG CGATAAGTAATGTGAATTGCAGAATTCAGTGAATCATCGAATCTT TGAACGCACCTTGCCTCCTTGGTATTCCGAGGAGCATGCCTGTT TGAGTGTGATGAAATTCTCAACCTAACGAGTCTTTCGGGCTCGG TAGGCTTGGACTTGGAGGTTCTTGTGCGCCTAACGGTCGGCTCCT CTTAAATGCATTAGCTCGGTTCTTTCGGGATCGGCTCACGGTGTG ATAATTGTCTACGCCGCGACCGTTGAAGCGTTTTGGCCGGCTTCT AATCGTCTCGTTGGAGACACTACTCTTATGACCTTCTGACCTCAA ATCAGGTAGGACACCGCTGAACCTAAGCATATCAATAAGCCGGA AGGAGATCATTAACGAGTTTTGAAAGGGGTTGTAGCTGGCCTTC CGAGGCATGTGCAGCCTGCTCACTCACTCTACACCTGTGCACTTA CGTGGGTCTCAGGCGAGCGTCGGTCGCTTCGGGCGTCGTCGTTT ACTGGGCTCCGTTTTACTACAACTATTAAGTATCAGAATGTCT ACGCGAATTAAGCACTTAAATAAACTTTCGCAACGGATCTCTTGG CTCTGCATCGATTAAGAAGCACGAAATGCGATAAGTAATGTGAA TTGCACAATTCGTGGAATCTCGAACTTTGAACACCTTGCCTCTT GGGTATTCCAGGGAGCAGCTGTTTTGAGTGTGAGGAAATTCAA CTAACAGGTCTTTCGGGCTCGGTAGGCTTGGGACTTGAAGGT TCTTGTTGCGCTAACGGTGGCTCTCTTAAATGCATTAACCTCGGTT CTTGCGGAATGGCCCGGGTTGGATAATTGTTCTCCCCCGCCT TTAAACCCTTTTGGC	920.86	92.54%
7	<i>Daedaleopsis confragosa</i> var. <i>tricolor</i> (Bull.) Bondartsev & Singer	148-19	GCGGAAGGATCATTAACGAGTTTTGAGGGGTTGTAGCTGGCCTT CCGAGGCATGTGCACGCCCTGCTATTCCACTCTACACCTGTGCA CTTACTGTGGGTCTCAGGCGAGCGTCGGTCGCTTCGCGGCGTCTG TCGTTCAACTGGGCTCACGTTTTACTACAACTATTAAGTATCA GAATGTCTACTGCGAATTAACGCATTTAAATACAACTTTCAGCAA CGGATCTCTTGGCTCTCGCATCGATGAAGAACGCAGCGAAATGC GATAAGTAATGTGAATTGCAGAATTCAGTGAATCATCGAATCTTT GAACGCACCTTGCCTCCTTGGTATTCCGAGGAGCATGCCTGTTT GAGTGTGATGAAATTCTCAACCTAACGAGTCTTTCGGGCTCGGT AGGCTTGGACTTGGAGGTTCTTGTGCGCCTAACGGTCGGCTCCTC TTAAATGCATTAGCTCGGTTCTTTCGGGATCGGCTCACGGTGTGA TAATTGTCTACGCCGCGACCGTTGAAGCGTTTTGGCCGGCTTCTA ATCGTCTCGTTGGAGACACTACTCTTATGACCTTCTGACCTCAAA TCAGGTAGGACTACCGCTGAACCTAAGCAT	935.13	100%
8	<i>Fomes fomentarius</i> (L.) Fr.	179-19	GCGGAAGGATCATTAACGAGTTTGCTGGGTTGTAGCTGGCCTTC CGAGGCATGTGCACGCCCTGCTCATCCACTCTACACCTGTGCACT TACTGTGGGATTTCAAGTGCGTCGCTTTCGGGCGGCGTCACTCG GCCACGTTTTCTTTACAACTATCGAAGTAACAGAATGTTTATTG ATGTAACGCATCTATAATAAACTTTCAGCAACGGATCTCTTGGC TCTCGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTG AATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACCTTGC GCTCCTTGGTATTCCGAGGAGCATGCCTGTTTGAGTGTGATGAAA TTCTCAACCTATAAACTTTTGTGGGTTTGTAGGGTTGGCTATTGG AGGCTTTTGTGGCCCTCGTTTGAGTCAGCTCCTCTCAAATGCATT AGCTTGGTTCCTTTCGGATCGGCTGTGCGGTGTGATAATGTCTACG CCGCGACCGTGAAGCGTTTGGAGAGCTTCTAATGGTCTCGTCAG AGACAGCTTTTATGAACCTGACCTCAAATCAGGTAGACACCCGC TGAACCTAAGCATAT	866.97	99.64%

9	<i>Fomitiporia mediterranea</i> M. Fisch.	079-18	TTTTTGTGTTGGGAGGGCCCCAACGTCTCCCGTGTGATAGAGGT GAAATTATTGTTATTTTCTCCACGGAGGCCCTTTACACTTTCCC GAGACCCAGCAAAGTGTGTGTTATATATGTTAAAGTTCCAAGGG TGTTCCCGGTATTTGTGTGGTGCCCCGGTTTTTTTTTTTATTCT TATTTGCGGGAGAGAGGTTCCCCCGCTTTCTCCCGTTGGATTGC CTATGGGCCGGCCCCACTATACTATTACCAACTTTGATAATGTG CACCGGGGGTGTGGTTGATGAGTGTGAAGGCGAGCACATGTCC CCATATTTGCACCAGCCTCCAACCTCCACTTTCCAATTCGTTTTGT TCCCTTCCTTCCGTAGGGGTGACCTGCGGAAGGATCATTAACGA GTTGGAACGTGGAGGTTGATGCTGGTGCATATATAGTGACATG TGCTCGCCTTCACACTCTTCATCCACTCAACCCCTGTGCACTTATC AGAGTTAGTAATAGTATTGTGGTGGCAGCCGTTTGTTATTCATTG TTAGAAGCGGGGTAACCTTTCTAGCAGTAGTAATAAACAATC TTGGTTCTACTACTATTACTGTGAACACTTTGACTTTTACTTATACA AACACTTTGCTTGTTCTGTGAATGTGAATGCTCCTGTGAGCG AAATACAAATATACAACCTTTCAACAACGGATCTCTGGCTCTCGC ATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGC AGAATTCAGTGAATCATCGAATCTTTGAACGCACCTTGCGCCCT TGGTATTCGAGGGGCATGCCTGTTTGAGTGTGATGTAATTCTCA ATCCTCTTTTTCTTAATTGAAGGAGGGGGCTTGACTTGAGGT TAATATACATGCTGGTACTGTCTGTATCGGCTCCTCTAAAATGC ATTAGCTGGACTGTAGTTCGATTGTTTGGTGTAGTAATAGTTTT CTATCTATATTCACTACAGTGCTTGCTTAGACTGTCTGCTCTAAT AGTCCGCTATATGTCGGACAGGTAATCTGTTACCTTAAACCATTT GACTCCTTTGACCTCAAATCAGGAGGACTACCCGCTGAACCTAAG CATATCAATAAGGCCGGAGGAAGGATCATTAAACCGAGTTGGAAC GTGGAGGTTGATGCTGGTGCATATATAGTGATCATGTGCTCGCT TCACACTCTTCATCCACAACCCCTGTGCACTTTATCAGAGTTAGTA ATAGTATTGTGGTGGCAGCCGTTTGTTATTCATTGTTTGAAGCG GGGGTAACCTTTTTCTAGCAGTAGTAAATATAAAACAATCTTGGT TCTACTAACAAATAACGTGGAAACCCCTTGAACTTTACTTTACACAA ACCTTTGCTTGTCTTGAAAAAGGGAAAAAGGCCCGGGGAGGC AAGAATACAAAATATCAACTTTTAAACACGGGGACTTCTGGGGCT TCCCACAGAAAAAGAAA	1161.78	93.64%
10	<i>Fomitopsis iberica</i> Melo & Ryvarden	104-19	CTCTCCGCTTATTGATATGCTTAAGTTCAGCGGGTAATCTACCTGA TTTGAGGTCAAGGTCAAAGTCATTGTCCAGTAAAGGACGATTGG AAGCCGAGCCCATTTGATATGCTTCACTGCAACGGCGTAGACAATT ATCACACCGATAGCTGATCCGCAAAGGTTGAGCTAATGCATTCA AGAGGAGCCGATCACAAGTACCAGCAATAAACCTCCAAATCCAA GCTCTATTCACAAAAGCAAATAGAGTTGAGAATTCATGACACTC AAACAGGCATGCTCCTCGGAATACCAAGGAGCGCAAGGTGCGTT CAAAGATTCGATGATTCACTGAATTCTGCAATTCACATTACTTATC GCATTTGCTGCGTTCTTCATCGATGCGAGAGCCAAGAGATCCGT TGCTGAAAGTTGTATTTAAATGCGTTAGACGCAAGAGTACATTCT TTAAACTGAAGTAGTTTGTGATGATACATAGGAGGGCCTCCAAC CAGAGCAAAGTCAATGAAGACCGTAGCTCCGATCACAAGCCAAC CTACAGTGTGTGCACAGGTGTGTGAGATGGATAGTGATCAGGGC GTGCACATGCCGCCCCAAAGAGACGGCCAGCTACAACCCCTTTC AAAATTCATTAATGATCCTTCCGCAGGTTACCTACGGAAG	930.37	99.83%

11	<i>Fomitopsis pinicola</i> (Sw.) P. Karst.	117-19	<p>GTCAAAGTTATTGTCCCGTGAAGGACGATTGGAAGCCGAATAAT ATGCTTCACAGTAACGGCGTAGACATTTTATCACACCGATAAGCT GATCCACAAAAGGTTTCGAGCTAATGCATTCAAGAGGAGCCGATC ACAGGTACCGGCAATAAACCTCCAAGTCCAAGCTCTATTACAAA AGCAAATAGAGTTGAGAATTCCATGACACTCAAACAGGCATGCT CCTCGGAATACCAAGGAGCGCAAGGTGCGTTCAAAGATTTCGATG ATTCACTGAATTCTGCAATTCACATTACTTATCGCATTTTCGCTGCG TTCTTCATCGATGCGAGAGCCAAGAGATCCGTTGCTGAAAGTTGT ATTTAAATGCGTTAGACGCAAGAGGACATTCTTTTAACTGAAGTA GTGTGTGATAAAACATAGGAAGGCCCACTAAAAAGCAGAGTC GATGAAGACCCCACTCCAATCATAAGCCGACCTACAGTATGTGCA CAGGTGTGTGAGATGGATAATGATCAGGGCGTGACATGCCGCT CAAACGAAACAGCCAGCTACAACCCCTTTCAGAATTCATTAATGA TCCTTCCGCAGGTTACCTACGG</p>	946.22	99.83%
12	<i>Ganoderma carnosum</i> Pat.	161-19	<p>CCCTAGGTGAACCTGCGGAAGGATCATTATCGAGTTCTGACTGG GTTGTAGCTGGCCTTCCGAGGCACGTGCACGCCCTGCTCATCCAC TCTACACCTGTGCACTTACTGTGGGTTTCAGATCTGTGAAGCGTG CTCCTTGCGGGGCTTCGTGAAGCGCGTCTGTGCCTGCGTTTATCA CAAACCTATAAAGTATTAGAATGTGTATTGCGATGTAACGCATC TATATACAACTTTTCAGCAACGGATCTCTTGGCTCTCGCATCGATG AAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTC AGTGAATCATCGAATCTTTGAACGCACCTTGCGCTCCTTGGTATT CCGAGGAGCATGCCTGTTTGAGTGTGATGAAATCTTCAACCTACA AGCCTTTGCGGTTTGTAGGCTTGGACTTGGAGGCTTGTGCGCCCT TTGTCGGTTCGGCTCCTCTTAAATGCATTAGCTTGATTCTTGC TCGGCTCTCGGTGTGATAATGTCTACGCCGCGACCGTGAAGCGTT TGGCGAGCTTCTAACCGTCTTCGCTTGAAGACAGCTTTATGACCT CTGACCTCAAATCAGGTAGACTACCCGCTGAACCTAAGCATATCA ATAAGCGGAG</p>	979.51	99.69%
13	<i>Ganoderma lucidum</i> (Curtis) P. Karst.	137-19	<p>GACCTGCGGAAGGATCATTTTGAGTTCTGACTGGGTTGTAGCTG GCCTTCCGAGGCACGTGCACGCCCTGCTCATCCACTCTACACCTG TGCACTTACTGTGGGTTTCAGATCTGTGAAGCGTGCCCTTGC GGCTTCGTGAAGCGCGTCTGTGCCTGCGTTTATCACAACTCTAT AAAGTATTAGAATGTGTATTGCGATGTAACGCATCTATATACAAC TTTCAGCAACGGATCTCTTGGCTCTCGCATCGATGAAGAACGCAG CGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAATCAT CGAATCTTTGAACGCACCTTGCGCTCCTTGGTATTCCGAGGAGCA TGCCTGTTTGAGTGTGATGAAATCTTCAACCTACAAGCCTTTGCG GTTTGTAGGCTTGGACTTGGAGGCTTGTGCGCCCTTTGTGCGTCTG GCTCCTCTTAAATGCATTAGCTTGATTCTTGCAGGATCGGCTCTCG GTGTGATAATGTCTAGCCGCGACCGTGAAGCGTTTGGCGAGCTT CTAACCGTCTTCGCTTGAAGACAGCTTTATGACCTCTGACCTCAA ATCAGGTAGACTACCCGCTGAACCTAAGCATATCAATAAGCGGA AGGAAAAAATCGAGTTCTGACTGGGTTGTAGCTGGCCTTCCGA GGCACGTGCACGCCTGCTCATCACTCTACACCTGTGCACTTACTG TGGGTTTCAGATCTGTGAAGCGTGCCCTTGC GGGGCTTCTGGA AGCCGTCGTGCTGCGTTTATCCAGACTCTATAAAGTATTAGAATG TGTATTGCGATGTAACGCATCTATATACAACCTTTCACACGAAGCT TTGGGCTCTCATCGGATAAAGAAAGCACCCAAATGCGATAAGGT AATGTGAAATTGCAGAAATTCAGTGGAATCATCAAATCTTTGAAA</p>	860.64	97.79%

14	<i>Irpex lacteus</i> (Fr.) Fr.	076-18	TCCAAGTTCCAAGCCCCGGTTAAACCTTTCATTAACAAAAATTTTA GGTGAGAATACCCCTGAGACTTCAAAACCGGCATATTTCTTGGA ATACCCAGGAGGCCAGGGTTACAAAGTTTTGATGATTCCACTGA ATTTCTGCAATTCCACATTACTTTATCGCATTTTCGTGCGTTTTAAT CGATGCAGAGCCCAAAGTTCGGTTGTAAAGTTGTATATAAAATGT GTTATACCCCGTTGACTTTTCTATAAATGAAGCTTGGTAGTAAAA CATAAGAAAGAAAAAAGGCTTGTTCAACCGAAGACCTCTCGGAG TTCCTGGAAGCTTTCACCATTTTTTTCTTCTTACATAAAGTGCAC AGAGGTTAAGAGGGTTGACCCGGCGTGACATGCCCCGTGAGA GGCCAGCTACAACCCGTTCAAACTCGATAATTAACCTTCTTTCC GTAGGGGTGACTGCGGAAGGATCATTATCGAGTTTTGAACGGGT TGAGCTGGCCTCTCACGGGGCATGTGCACGCCTGGCTCATCCAC TCTTAACCTCTGTGCACTTTATGTAAGAGAAAAAATGGTGGAAG CTTCCAGGATCTCGCGAGAGGTCTTCGGTTGAACAAGCCGTTTTT CTTTCTTATGTTTTACTACAAACGCTTCAGTTATAGAATGTCAACT GTGTATAACACATTTATATACAACCTTTCAGCAACGGATCTCTTG CTCTCGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGT GAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACCTTG CACTCCTTGGTATTCCGAGGAGTATGCCTGTTTGAGTCTCATGGT ATTCTCAACCCCTAAATTTTTGTAAATGAAGGTTTAGCGGGCTTGG ACTTGGAGGTTGTGTCGGCCCTTGTGCGTCACTCCTCTGAAATG CATTAGCGTGAATCTTACGGATCGCCTTCAGTGTGATAATTATCT GCGCTGTGGTGTGAAGTATTTATGGTGTTTCATGCTTCGAACCGT CTCCTTGCCGAGACAATCATTTGACAATCTGAGCTCAAATCAGGT AGGACCTACCCGCTGAACCTAAGCATATCAATAAGCCGGAGGAA AAGGAAATTATCGAGTTTTGAACGGGTTGTAGCTGGCCTCTCAC GGGGCATGTGCACGCCGGCTCATCACTCTTAACCTCTGTGCACTT TATGTAAGAGAAAAAATGGTGGAAGCTTCAGAATCTCCGAG AAGGTCTTTGGTTGAACAAGCCTTTTTCTTCTTATGTTTTACTAC AAACGCTTCATTTATAGAAAGGTCAACGTGGTATAACCATTTTAT ATACACTTTCACACGGATCTCTGGGCTCTGCATCAATAAAGAAAC CACCCAAATGCGATAAGTAATGTGAAATTGCAGAAATTCATTGG AATCATCAAAACTTTGAACCTTGCATCCTGGGTATTCCAGGAAGT ATGCTGGTTTGAGTCTCAGGGGTATTCTACCAAATTTTGTTAAT GAAAGGTTTAACGGGCCTTGGAACTTG	993.77	91.89%
15	<i>Irpiciporus pachyodon</i> (Pers.) Kotl. & Pouzar	175-19	CCGTACGTGAACCTGCGGAAGGATCATTATGAATTTTATGAAGG TTGTAGCTGGCCTCAATCGGGGCATGTGCACGCCTTGCTCATTCC AACCTTTACACCTCTGTGCACTTTACATAGGCTTGGTTTGGGCTG TCCTTTATTGGATGGCTGGCCGGCCTATGCATCTTACAAACGCTT CAGTTTTAGAATGTCATCTGCGTATAACGCAACTATATACAACCTT CAGCAACGGATCTCTGGCTCTCGCATCGATGAAGAACGCAGCG AAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAATCATCG AATCTTTGAATGCACCTTGCCTCCCGGTATTCCGGGAGGCATG CCTGTTTGAGTGTGATGGTATTCTCAATACCCTAAATCTTTCGCGA TGAGGGTGATTGGACTTGGAGGTTTTCTTGTGCTGGCTTCATTG TCGGCTCCTCTGAAATACATTAGTGCAGATATTGCTGTTACTCTTC AGTGTGATAAATTGTCTACGCTGCAGATGTATGGTGAATTGAAGTC TGTGCTTCTAATTGTCTTGGACAATTTTGAATTCGACCTCAAA TCAGGCAGGACTACCCGCTGAACCTAAGCATATCAATAAGCCGG AAAGAATCAATAATGAATTTTATGACAGGGTTGTAGCTGGCCTCA ATCGGGGCATGTGCACCCTGCTCATTCCACCTTTTACCCTCTGTGC ACTTTACATAGGCCTGGTTTGGGCTGTCTTTATTGGATGGCTGG CCGGCTATGCATCTTAAACGCTTCATTTTAGAATGTCATCTGCT TATAAGCACTATATCCACTTTGCAACGGAACCTCTGGGCTCTGCA TCCATAAAAAAGCACCGAAATGCGATAAGTAATGTGAAATTGCA GAAATTCCTGAAATCTCAAACCTTTAATGCCTGGCGCTCGGTATT CGGGAGGCAGG	886.55	97.28%

16	<i>Lenzites betulinus</i> (L.) Fr.	088-19	GTAGGTGAACCTGCGGAAGGATCATTAACGAGTTTTGAAAGGG GGTTGTAGCTGGCCTTCCGAGGCATGTGCACGCCCTGCTCATCCC ACTCTACACCTGTGCACTTACTGTAGGTCGGCGTGGGTTTCTAGC CTCGGGTTTGAAGCATTCTGCTGGCCTATGTACATTTATAAACAC TTTAAAGTAACAGAATGTAAACGCGTCTAACGCATTTTAATACAA CTTTCAGCAACGGATCTCTTGGCTCTCGCATCGATGAAGAACGCA GCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAATCA TCGAATCTTTGAACGCACCTTGCCTCCTTGGTATTCCGAGGAGC ATGCCTGTTTGAGTGTGATGGAATTCTCAACCCATAAATCCTTGT GATGTATGGGCTTGGATTGGAGGCTTGGTGGTCCCTTTCGGGA TCGGCTCCTCTGAATATATTAGCTTGATTCCGTGCGGATCGGCT CTCAGTGTGATAATTATCTACGCTGTGACCGTGAAGCGTTTGGCG AGCTTCTAACCGTCTTTTTGGACAAACCTTATGACATCTGACCTC AAATCAGTAGACACCCGCTGAACCTTAAGCATATCAATAAGCGGA GGAAGTTCATTAACGAGTTTTGAAAGGGGTTGTAGCTGGCCTTC CGAGGCATGTGCACGCTGCTCATCCACTCTACACCTGTGCACTT ACTGTAAGTCGGCGTGGGTTTCTAGCCTCTGGGTTTGAACCATTC CTCTGGCCAATGCCATTTATAACACCTTTAAGGTAACAGAATGA TAAACGCTCTAACGCTTTTAATACATCTTCCACAAGGGATCTTTG GGCTCCACCCCTTAAAAAACACCGAAAATGCATTAAGTAAAGG TGAATGCACAAATTCAGGAAACCTCAAATCTTTAAACCCCTGCCC CCTGGTTATTCCAAGAAACAAGCGGTTTGAGGTGTCCGGGAAAT TCCCCAAAA	871.73	97.55%
17	<i>Polyporus alveolaris</i> (DC.) Bondartsev & Singer	096-19	GCTTTATGAATTTGGAGGGGTCGATGTGAGCGCCGAACAGTCCT TCCCAAGTCCCAGGCTTAAAGACCCAGAAAGGGTTTATAAGTG AGGATTTTCTGAACACTCAAAACGGGTGCTTTCTGGAATACCCAA GAGCCCAGGGGTAAAAAGTTTGAGTGATTCAAGACTTCTGCTATT TCACATTAAGTACCGCATTGCGTGCTTTTTTAATGGCTGCAGAG CCCAAAGTTTCTCGCGACAGTGTATATAGATGGTGATGGCCATA CACTTTCTTTATTGAAGCGTGGTATATAAAGACAGGTAGGGGCA AAAAGCCCCACGATACCCGACTATAAGTGCACGTGTAGAGGGAT TGAGCAGGCTGCACTTGCCCCGAACGGCTAGCTACAACCCCGAC TCCTATGGAGAACTTACCCCTCCGTAGGTGAACCTGCGGAAG GATCATTATCGAGTTTGTATCGGGGTTGTAGCTGGCCTTTCGGGG CATGTGCACGCCCTGCTCAATCCACTCTACACCTGTGCACTTATTG TGGGTTTCGGGGGGCTTTTTGCCACTCGTACCTATGTTTATTACA AACGCTTCAGTAAAGAATGTGTATTGCGATAACGCATCTATATA CACTTTTCAGCAACGGATCTCTTGGCTCTCGCATCGATGAAGAAC GCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAA TCATCGAATCTTTGAACGCACCTTGCGCTCCTTGGTATTCCGAGG AGCACGCTGTTTGAGTGTGATGAAATCATCAACTTATAAGCCTT TCATGGGTCTGTAAGCTTGGACTTGGAGGCCTGTGCGCGGTCAA CGTCGGCTCCTCTCAAATGTATTAGCTTGGTTCCTTGCAGATCGG CTCCCGGTGTGATAATGTCTACGCTGTGACCGTGAAGCGTTTGGC GAGCTTCTAATCGTCTCGTGAGAGACAGCTTCAATTGACTCTGACC TCAAATCAGGCGGGACACCCGTAACCTTAAGCATATCAATAATTG GAGAAAAAAAAGATCGTTCCGAGAGGAGTCCGGGTTGGAGGGT GGCCTTTCGGGGCACGTGCCGCTGCTCAATCCCTTACCCTGTG CACTTATAGTGGGTTTCCGGGGGGCTTTTTGCCCTCGTACCTATG TTTATATACAAACGCTTCGTAAAAGAAAGTGTATTGCGATAACG CATCTATTTATCACTCTCGCAACGGAGCTTTTGGCTCTGCACCCAT CAAAAACCTACCCCACTGCGATTAGTTAATGTGCAATTGCATAAA TTCCTGCAATCTCAAAACTTTTAACCCCTGGGCTCTTGCTATTCTA GAATCACCCGTTTGAGTGTGAGAAAA	778.22	94.51%

18	<i>Stereum hirsutum</i> (Willd.) Pers.	073-18	GAGGGCAAAGTTCGATGAAAAGCTGTCCTTTCGGACGGTTAGAA AGCGCTCTCCACCGAAGCAAGCACACCACAGCGTAGATAATTA TCACACCGAGGCCACGTCGCAACAAGACGCACTAATGCATTG AGAGGAGCCGAGCGGTGAAGCCCGCAAAGCCTCCAAGTCCAA TCCACTACGTTCAAAAAGTGAAGAGGGTTGAGAATTTACGAC ACTCAAACAGGTGTGCCCTTCGGAATACCAAAGGGCGCAAGGTG CGTTCAAAGATTGATGATTCACTGAATTCTGCAATTCACATTACT TATCGCATTTGCTGCGTTCTTCATCGATGCGAGAGCCAAGAGAT CCGTTGTTGAAAGTTGTATTAGATGCGTTTTATTACATCGAGTAG ACATTCTTAAGACATACAAAAGGTGTGTAAAGGGACGCGAGCCT CCTCAAATAACCAAAAAACACCCGCGAAAAGTGCGCACGTGTGT GTGTGGAATAGAAAGGAGAGCGCGCATGTGGCGTTTATAGGCG ACATATACCTCTCCACACATATATTTATAAGAGATCTCCGCACGT GCACCCACGAAGAG	727.50	94.52%
19	<i>Terana caerulea</i> (Schr. ex Lam.) Kuntze	177-19	GGCCAGCCGCGACCTTCCAAGGTTCCAAGGCTTTCCAAACCAAT AAAAGGGAAGGTGGAAGGTCCCTGACCACTCCAAACCGGCTGC TTCTTGAAATACCCAAGAGCGCGAGTGCGTGCGAGTTTGGTG ATTTACAGGAATTTTGTGCAATTTACCATTAACTGATCGCACTTC GGTGCTTTCTTAATCGATGCGAGCCCCAAAGATCCGTTGCGAAA GTGGTATATAATGCTTATAAGCCAGATGACTTTTCTATAACTGAA GCGTGTGTGAGAAGACATAGAGTGCTCGCTAGCGCACCGAAGC GCAGCCGTTACCTTTCTACAATGAGGCACAGAGGGGAGAGGG GTGAGCCAGGGGCACATGCCCCGAGAGGCCAGCGACAACCCT TTCAAACCCCATAAATTGATCCTTCGTAAGGGTGACCTGCGGAA GGTCATTATCAGTTTGACGGGTTGTCGCTGGCCTCCTCGCGGG CATGTGCACACCTGGCTCATCCACTCTCCACCTCTGTGCACTCATT GTAGAATGGTGAACGGCTGCGCTTCGGTGCGGCTAGAAGCCACT CTATGTCTTATTACACACGCTTCAGTTATAGAATGTCATCTTGCGT ATAACGCATTATATACACTTTCAGCAACGGATCTCTTGCTCTC GCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATT GCAGAATTCAGTGAATCATCGAATCTTTGAACGCACCTTGCGCTC CTTGATTCCGAGGAGCACGCTGTTTGAGTGTCATGGACTTCT CAACCTTCCACTTATTGTTGGAGGCTTGGACTTGGAGGTGCTGC TGGCTCTCGTAGTCGGCTCCTCTGAAATGTATTAGCGTGAACGTT ACGGATCGCTTCAGTGTGATAATTATCTGCGCTGTTGTGTTGAAG TATAGTCAGCTTGCCTTCTAATCGTCCTCACGGACACTATATTGA CAATCTGACCTCAATCAGGCGGGACTACCCGCTGAACCTTAAGC ATATCAATAAGCCGGAGGAAATCAATATCGAGTTTGAACGGGT TGTCGCTGGCCTCTCCGGGGCATGTGCACACCTGGCTCATCCACT CTCCCTCTGTGCACTCATTGTAGAATGGTGAACGGCTGCGCTTC GGTGCGGCTAGAAGCACTCTATGTCTTCTACACACGCTTCATT ATAGAATGTCATCTTGCTTATAAGCATTATATACACTTTCGCAAC GGATCTCTTGCTCTGCATCGATGAAGAAGCACCGAAATGCGAT AAGTTAATGTGAAATTGCAGAAATTCATGGAAATCTCAAATCTCT GAAGCCCTTGGCCTCTTGTTATTCCAGGAGCAGCGTTTTGAGT GTCAGGGACTTCTCCCTCCCTTTATTGGTTGGAAGGCTTGGGAC TTGGAAGGTGCTGCTGGGCTCCTAAATCGCCCCCTGAAATGGT ATTTAGCGTGGAAGCTTTACGGAATCCTTCCTGTGGATAAAATTA ACTGGCCCGGTGGGGTTTGAAGATAAAAAATCAAACCTG	911.35	95.06%
20	<i>Trametes hirsuta</i> (Wulfen) Pilát	067-18	GTTGTTGCTGGCCTTCCGAGGCATGTGCCCTGCTCATCCACTCTA CATGTAGTTGGCGTGGGTTTCTAGCCTCCGGCTGAAGCATTCTG CCGGCCTATGTACACTACAACTCTTAAAGTATCAGAATGTAAAC GCGTCTAACGCATCTTAATACAACCTTTCAGCAACGGATCTCTTG CTCTCGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGT GAATTGCAGAAATTCAGTGAATCATCGAATCTTTGAACGCACCTTG CGCTCCTTGGTATTCCGAGGAGCATGCCTGTTTGAGTGTGATGAA ATTCTCAACCCATAAATCCTTGATCTATGGGCATGGAT	456.47	98.79

21	<i>Trametes suaveolens</i> (L.) Fr.	070-18	CCTGCGGAAGGATCATTAAACGAGTTTTGAAACGGGTTGTGCTGG CCTTCCGAGGCATGTGCACGCCCTGCTCATCCACTCTACACCTGT GCACCTACTGTAGGTTGGCGTGGGCTCCTTCGCGGGAGCGTTCT GCCGGCCTATGTATATTACAAACCCCTTAAAGAAACAGAATGTAA ACGCGTCTAACGCATCTTAATACAACCTTTAGCAACGGATCTCTT GGCTCTCGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAAT GTGAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACCT TGCCTCCTTGGTATTCCGAGGAGCATGCCTGTTTGAGTGTCATG AAATTCTCAACCCGTAAATCCTTGTGATCTACGGGCTTGGACTTG GAGGCTTGCTGGCCCTTGCGGTCGGCTCCTCTTGAATGCATTAGC TTGATTCCGTATGGATCGGCTCTCAGTGTGATAATTGTCTACGCT GTGACCGTGAAGTGTTTTGGCGAGCTTCTAACCGTCTGTTAGGAC AACTTTTAAACATCTGACCTCAAATCAGGTAGGACTACCCGCTGA ACTTAACCATATCAGTAA	874.90	99.82%
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