

Supplemental Table S1. 16S rRNA nucleotide sequences.

Lab code	Nucleotide sequence (5' → 3')	Sequence length	GenBank Acc. No.
ITAC108	>16S_ITAC_108 CGCAAGCCTGACGGAGCAACGCCGCGTGAGGGATGAAGCCCTCTGGGCTGTAAACCTCTTTTCTCAAGGAAGAAGAACTGACGGTACTTGAGGAATAAGCCACGGCTAATTCGCTGCCAGCAGCCGCGGTAATACGGGAGTGGCAAGCGT TATCCGGAAATTATTGGGCGTAAAGCGTCCGCAGGCGGTCTTTGAAAGTCTGTTGTTAAAGCGTGAGAGCTCAACTCCATTTTCAGCAATGGAAACTAGAAAGCTAGAGTGTGGTAGGGGCAGAGGGAATTCCCGGTGTAGCGGTGAAATGCGT AGATATCGGGAAGAACACCACTGAGTGGCGAAGGCGCTCTGCTGGGCCATAACTGACGCTCATGGACGAAAGCCAGGGGAGCGAAAGGGATTAGATACCCCCGTAGTCTTGGCCGTAACAGTGAACACTAGGTGTGCGGGGAATCGACCCCT CGGTGTGCTAGGCAACGCGTTAAGTGTTCGCGCTGGGGAGTAGCGACGCAAGTGTGAAACTCAAAGGAATTGACGGGGGCCCGACAAGCGGTGGAGTATGTGTTTAATTTCGATGCAACGCGAAGAACCTTACGAAATTTCTGCGAAATTTCTGAGAAATCGGGAAGTGCCTTCGGGAGCGCAAGACAGGTGGTGCATGGCTGCTGCTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCACGCTTTAGTTGCCAGCATTAAGTTGGGCACCTTA GAGAGACCGCGGTGATAAACCGGAGGAAGGTGTGGATGACGTCAAGTCATCATGCCCTTACATCCTGGGCTACACAGCTACTACAATGCTACGGACAAAGGGCAGCAAACTCGCGAGAGCTAGCAAAATCCATAAACCGTGGCTCAGT TCAGATCGTAGGCTGCAACTCGCTACGTGAAGGAGGAATCGCTAGTAATCGCAGGTGAGCATACTGCGGTGAATACGTTCCCGGGCCTT	990	[SUB6417193] 16S_ITAC_108 MN581057
ITAC107	>16S_ITAC_107 AGGAGAGACTGACGGTACTTGAGGAATAAGCCCGGCTAATTCGCTGCCAGCAGCCGCGTAATACGGGAGTGGCAAGCGTTATCCGGAATTATTGGGCGTAAAGCGTCCGCAGGCGGCCAGTCAAGTCTGTTGTCAAAGCGTGGAGCTTA ACTCCATTTGAGCAATGGAAGCTGATTGGCTTGAGTGTGGTAGGGGCAGAGGGGAATTCGCGGTGTAGCGGTGAAATGCGTAGATATCGGGAAGAACACCACTGAGTGGCAAGGCGCTCTGCTGGGCCATAACTGACGCTCATGGACGAAAGCC AGGGGAGCGAAAGGGATTAGATACCCCTGTAGTCTGGCCGTAACGATGAACACTAGGTGTGCGGGGAATCGACCCCTCGGTGCTGAGCCAACGCGTTAAGTGTTCGCGCTGGGGAGTAGCGACGCAAGTGTGAACTCAAAGGAAT TGACGGGGGGCCCGCACAAGCGGTGGAGTATGTGTTTAATTTCGATGCAACGCGAAGAACCTTACGAAATTTCTGCGAAATTTCTGAGAAATCGGGAAGTGCCTTCGGGAGCGCAAGACAGGTGGTGCATGGCTGTGCTGA GCTCGTGTGCTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCACGCTTTAGTTGCCAGCACTGAGTTGGGCACCTCTAGAGGACCGCCGCTGATAACCGGAGGAAGGTGTGGATGACGTCAAGTCATCATGCCCTTACATCCTGG GCTACACAGTGTACAATGCTAGGGCAGAGGGCAGCAAAACCCGCGAGAGCTAGCAAATCCCAAAACCTGGCTCTTGTCAAATATAGGCTCAACGGGCCACTTTTATTTTAAACGCCCTAGTATTGCGGCTCAGCAACGGGTTTAGGTG CCGCTTGTGGGCGCGGTTGGG	921	[SUB6417174] 16S_ITAC_107 MN581056
ITAC106	>16S_ITAC_106 GCACCTTCTGTCTGCGAATCTAGCGATTCTCTACTTCCGCAGGCGAGTTGCAGCCTGCGATCTGAACTGGGATAGGGTTATGAGATTAGCGCGTCTTCGCGGATTGGCGACTCTTTGTCCCTACCATTGTAGTACGTGTGTAGCCCAGA ACGTTAAGGGGATGATGACTTGACGCTGTCACACCTTCTCCGTTTGTGACCAGGCACTCTCTAGAGTGCCCAACTTAATGATGGCAACTAAAAACGTGGGTTGCGCTCGTTGCGGGACTTAACCCAACATCTCACGACAGAGCTGACGACA ACGACAGCCATGCACCACCTGTGTTGCGCTCCCGAAGGCACCTCCTACTTTCATTGGGATTGCGGACATGTCAAGCCCTGGTAAGGTTCTTTCGCTTGATCGAATTAAACCACATACTCCACCGCTGTGCGGGCCCCCGTCAATTCC TTTGAGTTTCACACTTTCGCTGCTACTTCCCGAGGCGGGATACTTAACGCGTAGCTACGGCAGCGCTTGGGTCGATACAAGCCACACCTAGTATCCCATCGTTTACGGCTAGGACTACTGGGGGTATCTAATCCCATTTTCGCTCCCCC TAGCTTTTCGTACCCCTCAGTGTTCAGTTTTTCGGCCCTGGGACGGGACGGCTTCGCTGCTGGGTGTTTCTTCCCGATATCTACGCAATTCACCGCTACACCCGGGGAATTTCCCTCCCTGCCCTTAACCGTTACTCTTGGCCCAATCA GTTTTTCTACCTACCTTCCCGAGAAGTTAAGCCCTGGGTCCTTTAAATAGGCAAGAAGTTTGGATTAGGCCACCC	828	[SUB6417163] 16S_ITAC_106 MN581061
ITAC102	>16S_ITAC_102 CTGTCTCTGCGATTACTAGCGATTCCTAATTCCGCACGCGAGTTGCAGCCTGCGATCTGAACTGTGCTAGGGTTTATGGGATTAGCGCGCTTCGCAGGTTGGCTGCCCTTGTCCGAACATTGTAGTACGTGTGTAGCCGAAAGCTAA GGGGCATGATGACTTGACGTCATCCACACCTTCTCCGTTTGTGCCCCGCGAGTCTCTAGAGTGCCCAACTTAATGCTGGCAACTAAAAACGTGGGTTGCGCTCGTTGCGGGACTTAACCCAACATCTCACGACAGAGCTGACGACA GCCATGCACCACCTGTGTTTCGCGTTCCCGAAGGCACCTCCTACTTTCATTGGGATTGCGGACATGTCAAGCCCTGGTAAGGTTCTTCGCGTTGCATCGAATTAACCCACATACTCCACCGCTTGTGCGGGCCCCCGTCAATTCTTTAG TTTACCACTTTCGCTGCGTACTCTCCCGAGGCGGGGATACTTATCGCGTTAGCTACGGTACTGCTTGGGTCGATACACGCAACACCTAGTATCCATCGTTTACAGCTAGGACTACAGGGGGTATCTAAATCCCATTTCGCTCCCCCTAGCT TTCGTA	606	[SUB6416885] 16S_ITAC_102 MN581058
ITAC103	>16S_ITAC_103 GTATGTCTGTGGATTGTAAACCTCTTTTCTCTAGGAAGAAGATCTGACGGTACTAGAGGAATCAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAAGACGGAGGATGCAAGCGTTATCCGGAATTATTGGGCGTAAAGCGTCCGTAGG CGGTTAGTTAAGTCAGTTGTTAAAGACTACAGCTCAACTGTGGGAGAGCAACTGAACTGATTGACTAGATAGTTAGGGGTAGAGGGAATTCCTAGTGTAGCGGTGAAATGCGTAGATATTAGGAAGAACACCACTGCGCAAGGCGCT CTGCTGGGCCAAGACTGACGCTGATGGACGAAAGCTAGGGGAGCGAAAGGGATTAGATACCCCTGTAGTCTTAGCTGTAACAGTGGATACTAGGTGTTGTGCGTATGACCCGTCGAGTACCAGCAAGAACCGGTTAAGTATCCCGCT GGGGAGTAGCGACGCAAGTGTGAACTCAAAGGAATTGACGGGGGCCCGCACAAGCGGTGGAGTATGTGTTTAATTTCGATGCAACGCGAAGAACCTTACCAGGACTTGACATCCCTTGAATTTTCCAGAAATGGATTAGTGCTTCGGG AGCAAGGAGACAGGTGGTGCATGCTGCTGAGTGTGGGTTAAGTCCCGCAACGAGCGCAACCCACGTTTTCAGTTGCCATCTCAGTTGGGCACCTTGGAGAGACTGCCGGGGACAACCTCGGAGGAAGGTGT GGACGACGTCGAAGTCATCATGCCCTTACGTTCTGGGCTACACAGCTACTACAATGCAACGGAAGGGAGCCAACTGAGCATAGTGAAGCTAATCCCATAAACCGTTGCCAGTTCAGATTGCAAGGTGCAACTCGCTGCATGAAGG AGGAATCGCTAGTA	914	[SUB6416938] 16S_ITAC_103 MN581055
ITAC105	>16S_ITAC_105 AGCCGCGGTAAGACGGAGGATGCAAGCGTTATCCGGAATTATTGGGCGTAAAGCGTCCGTAGGCGGTTTATCAAGTCTGCCGTTAAAGACTGACAGCTTAACTGTGGGCGAGCGGTGGAAGCTGATTAAGTGTGGTAGGGGTAGAG GGAAATCCCAAGTGTAGCGGTGAAATGCGTAGATATTGGGAAGAACACCACTGAGGCGAAGGCGCTCTACTGGGCCACAACCTGAGCGTGAAGGACGAAAGCTAGGGGAGCGAAAGGGATTAGATACCCCTGTAGTCTAGCTGTAAACGATGG ATACTAGGTGTTGCGCGTATCGACCCGTGCAGTACCGTAGCCAACGCGATAAGTATCCCGCTTGGGAGTAGCGACGCAAGTGTGAAACTCAAAGGAATTGACGGGGGCCCGCACAAGCGGTGGAGTATGTGTTTAATTTCGATGCAACG CGAAGAACCTTACCAGGGCTTGACATCCCGCGAATCTTGATGAAAGTCGAGAGTGCCCTTCGGGAACGCGGAGACAGGTGGTGCATGGCTGTCGTCAGCTCGTGTCTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCACGTCCT TAGTTGCCAGCATTAAGTTGGGCACCTCTGGGAGAGCTGCCGGGGACAACCTCGGAGGAAGGTGTGGATGACGTCAAGTCATCATGCCCTTACGTTCTGGGCTACACAGTACTACAATGCTTCGGACAAAGGGCAGCGAACCTGCGAAAGG CAAGCTAATCCCAATAACCGAGGCACAGTTAGATTGCAAGCTGCAACTCGCTGCATGAAGGTAGGAATCGTAGTATCGCAGGTCACGATATGCGG	849	[SUB6416967] 16S_ITAC_105 MN581059
ITAC104	>16S_ITAC_104 GACGGCCTGTGGGTTGTAAACCGCTTTTCTCAGGGAAGAAGATCTGACGGTACCTGAGGAATCAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGATGCAAGCGTTATCCGGAATTATTGGGCGTAAAGCGTCCGAG GCGGCTTATCAAGTCTGCTGTGTTAAATGTGCGGGCTCAACTCCGATTGCGAGTGGAAACTGATAGGCTAGAGTACGGTAGGGGTAGAGGGAATTCAGTGTAGCGGTGAAATGCGTAGATATTGGGAAGAACACCACTGAGCGAAGGCGC TCTACTGGCCGTAAGTACGCTGAGGGACGAAAGCTAGGGGAGCGAAAGGGATTAGATACCCCTGTAGTCTAGCTGTAAACGATGGACACTAGGTGTTGGCCGATCGACCCGGTCAGTATCGTAGTCAACGCGTTAAGTGTCCCGC TGGGAGGTGCGACGCAAGTGTGAACTCAAAGGAATTGACGGGGGCCCGCACAAGCGGTGAGTATGTGTTTAATTTCGATGCAACGCGAAGAACCTTACGAGGTTTACGAGGTTTACGAGGTGCTTGGGAGTGTGAGAGTGCCTTCGG GAGCGCGGAGACAGGTGGTGCATGGCTGTGTCGTCAGCTGCTGTCGTCGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCCTCGTTTTAGTTGCCATCATTAAGTTGGGCACTTCTAGAGAGACTGCCGGGGACAACCTCGGAGGAAGGT GGGGATGACGTCAAGTCATCATGCCCTTACATCCTGGGCTACACACGTAACAATGCTACGGACAAGGGCAGCAAGGTGCGGAGAGCAAGCTAATCTCATAAACCGTGCTCAGTTGAGATCGAGGCTGCAACTCGCTGCGTGAA GGAGGGAATCGCTAGTATTCGCACT	926	[SUB6416339] 16S_ITAC_104 MN581060
ITAC101	>GU220365.1 Halomicronema metazoicum ITAC101 16S ribosomal RNA gene, partial sequence CGAAAGCTGACGGAGCAACGCCGCGTGCGGGATGACGGCTGTGGGTTGTAAACCGCTTTTCTCAGGGAAGAAGATCTGACGGTACTGAGGAATCAGCATCGGCTAACTCCGTGCCAGCAGCCGCGTAATACGGAGGATGCAAGCGT TATCCGGAATTATTGGGCGTAAAGCGTCCGCAGGCGGCTTATCAAGTCTGCTGTTAAATGTGAGTATGCTTAAATGTGCAAGCGGGAAGCTTACGAGGTTAGAGTACGGTAGGGGTAGAGGGAATTCACAGTGTAGCGGTGAAATGCGT AGATATTGGGAAGAACACCACTGGCGAAGGCGCTCTACTGGGCCGTAAGTACGCTGAGGACGAAAGCTAGGGGAGCGAAAGGGATTAGATACCCCTGTAGTCTTAGCTGTAACAGTGGACACTAGGTGTTGGCCGTATCGACCCGGT CAGTATCGTAGCTTAACGCGTTAAGTGTCCCGCTGGGGAGTAGCGACGCAAGTGTGAAACTCAAAGGAATTGACGGGGGCCCGCACAAGCGGTGGAGTATGTGTTTAATTTCGATGCAACGCGAAGAACCTTACGAGGTTTGCATCCCC GCGAATCTTGATGAAAGTTGAGAGTGCCTTCGGGAGCGGAGACAGGTGGTGCATGGCTGTGTCAGCTCGTGTGTCGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCCTCGTTTTAGTTGCCATCATTAAGTTGGGCACTTCTAGAGAGACTGCCGGGGACAACCTCGGAGGAAGGT GGGGATGACGTCAAGTCATCATGCCCTTACATCCTGGGCTACACACGTAACAATGCTACGGACAAGGGCAGCAAGGTGCGGAGAGCAAGCTAATCTCATAAACCGTGCTCAGTTGAGATCGAGGCTGCAACTCGCTGCGTGAA GGAGGGAATCGCTAGTATTCGCACT	990	GU220365.1