

Supplementary Information

Table S1. Nucleotide sequences of ITS primers used.

ITS primer sequence	Yeast strain
CGTCTGAACAAGGCCTGCGCTTAATTGCGCGGCCAGTTCTTGATTCTCTGCTATCAGTTTT CTATTTCTCATCCTAAACACAATGGAGTTTTTCTCTATGAACTACTTCCCTGGAGAGCTC GTCTCTCCAGTGGACATAAAACACAAACAATATTTGTATTATGAAAACTATTATACTATA AAATTTAATATTCAAAACTTTCAACAACGGATCTCTTGGTTCTCGCATCGATGAAGAACG CAGCGAATTGCGATATGTATTGTGAATTGCAGATTTTCGTGAATCATCAAATCTTTGAACG CACATTGCGCCCTCTGGTATTCCAGGGGGCATGCCTGTTTGAGCGTCATTTCTCTCTCAA CCTTTGGGTTTGGTAGTGAGTGATACTCGTCTCGGGTAACTTGAAAGTGGCTAGCCGTTG CCATCTGCGTGAGCAGGGCTGCGTGTCAAGTCTATGGACTCGACTCTTGCACATCTACGTC TTAGGTTTGCGCCAATTCGTGGTAAGCTTGGGTCATAGAGACTCATAGGTGTTATAAAGA CTCGCTGGTGTGTCTCCTTGAGGCATACGGCTTTAACCAAACTCTCAAAGTTTGACCT CAAATCAGGTAGGAGTACCCGC TGAACCTAAGCATATCA	<i>Kluyveromyces marxianus</i> A1
CGTCTGAACAAGGCCTGCGCTTAATTGCGCGGCCAGTTCTTGATTCTCTGCTATCAGTTTT CTATTTCTCATCCTAAACACAATGGAGTTTTTCTCTATGAACTACTTCCCTGGAGAGCTC GTCTCTCCAGTGGACATAAAACACAAACAATATTTGTATTATGAAAACTATTATACTATA AAATTTAATATTCAAAACTTTCAACAACGGATCTCTTGGTTCTCGCATCGATGAAGAACG CAGCGAATTGCGATATGTATTGTGAATTGCAGATTTTCGTGAATCATCAAATCTTTGAACG CACATTGCGCCCTCTGGTATTCCAGGGGGCATGCCTGTTTGAGCGTCATTTCTCTCTCAA CCTTTGGGTTTGGTAGTGAGTGATACTCGTCTCGGGTAACTTGAAAGTGGCTAGCCGTTG CCATCTGCGTGAGCAGGGCTGCGTGTCAAGTCTATGGACTCGACTCTTGCACATCTACGTC TTAGGTTTGCGCCAATTCGTGGTAAGCTTGGGTCATAGAGACTCATAGGTGTTATAAAGA CTCGCTGGTGTGTCTCCTTGAGGCATACGGCTTTAACCAAACTCTCAAAGTTTGACCT CAAATCAGGTAGGAGTACCCGC	<i>Kluyveromyces marxianus</i> A2
TTAAGAACATTGTTTCGCTAGACGCTCTCTTCTTATCGATAACGTTCCAATACGCTCAGT ATAAAAAAAGATTAGCCGCAGTTGGTAAAACCTAAAACGACCGTACTTGCATTATACCTC AAGCACGCAGAGAAACCTCTCTTTGGAAAAAAAACATCCAATGAAAAGGCCAGCAATT TCAAGTTAACTCCAAAGAGTATCACTCACTACCAAACAGAATGTTTGAGAAGGAAATGAC GCTCAAAACAGGCATGCCCCCTGGAATACCAAGGGGCGCAATGTGCGTTCAAAGATTTCGAT GATTCACGGAATTCTGCAATTCACATTACGTATCGCATTTTCGCTGCGTTCTTCATCGATGC GAGAACCAAGAGATCCGTTGTTGAAAGTTTTTAATATTTTAAAATTTCCAGTTACGAAAA TTCTTGTTTTTGACAAAAATTTAATGAATAGATAAAAATTGTTTGTGTTTGTACCTCTGGGC CCCGATTGCTCGAATGCCCAAAGAAAAAGTTGCAAAGATATGAAAACCTCCACAGTGTGTT GTATTGAAACGGTTTTAATTGTCCTATAACAAAAGCACAGAAATCTCTACCGTTTGAA TAGCAAGAAAGAACTTACAAGCCTAGCAAGACCGCGCACTTAAGCGCAGGCCCGGCTG GACTCTCCATCTCTTGTCTTCTTGCCCAGTAAAGCTCTCATGCTCTTGCCAAAACAAAAA AAA	<i>Saccharomyces cerevisiae</i> M1
CAACTTAAGAACATTGTTTCGCTAGACGCTCTCTTCTTATCGATAACGTTCCAATACGCT CAGTATAAAAAAAGATTAGCCGCAGTTGGTAAAACCTAAAACGACCGTACTTGCATTATA CCTCAAGCACGCAGAGAAACCTCTCTTTGGAAAAAAAACATCCAATGAAAAGGCCAGC AATTTCAAGTTAACTCCAAAGAGTATCACTCACTACCAAACAGAATGTTTGAGAAGGAAA TGACGCTCAAACAGGCATGCCCCCTGGAATACCAAGGGGCGCAATGTGCGTTCAAAGATT CGATGATTCACGGAATTCTGCAATTCACATTACGTATCGCATTTTCGCTGCGTTCTTCATCG ATGCGAGAACCAAGAGATCCGTTGTTGAAAGTTTTTAATATTTTAAAATTTCCAGTTACGA AAATCTTGTTTTTGACAAAAATTTAATGAATAGATAAAAATTGTTTGTGTTTGTACCTCT GGGCCCCGATTGCTCGAATGCCCAAAGAAAAAGTTGCAAAGATATGAAAACCTCCACAGT GTGTTGTATTGAAACGGTTTTAATTGTCCTATAACAAAAGCACAGAAATCTCTACCGTTT GGAATAGCAAGAAAGAACTTACAAGCCTAGCAAGACCGCGCACTTAAGCGCAGGCCCG GCTGGACTCTCCATCTCTTGTCTTCTTGCCCAGTAAAGCTCTCATGCTCTTGCCAAAACA AAAAAAAATCCC	<i>Saccharomyces cerevisiae</i> M2

Supplementary Information

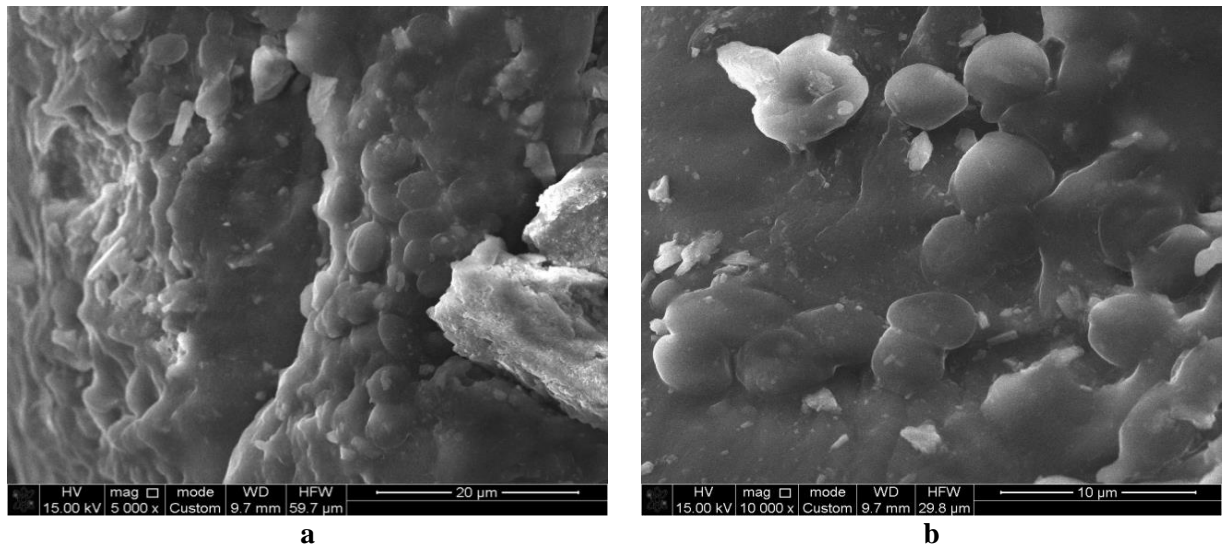


Fig. S1. *Kluveromyces marxianus* A1 cells immobilized on k-carrageenan. a) 5 000×; b) 10 000×.

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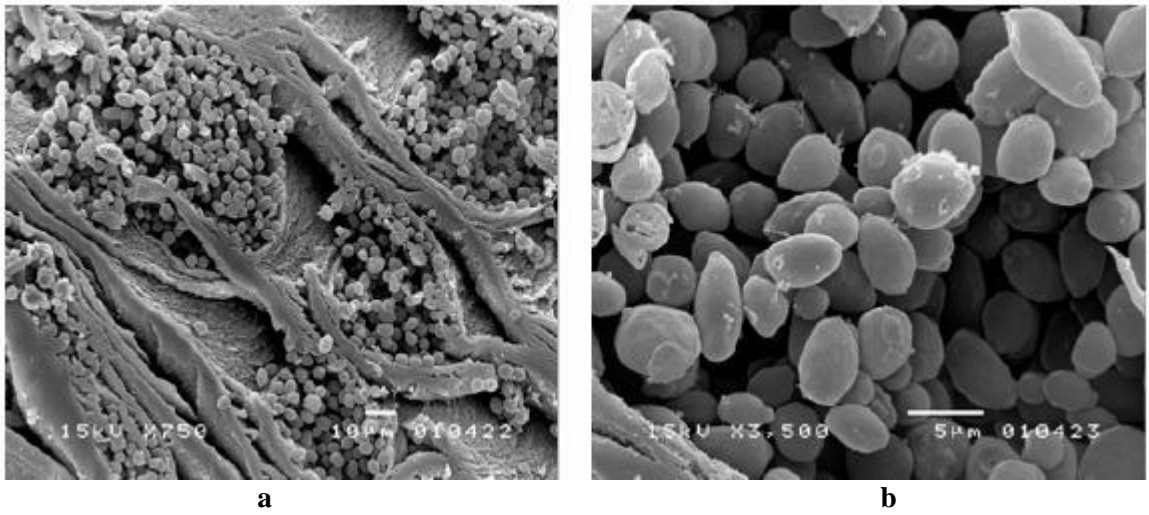


Fig. S2. *Kluyveromyces marxianus* A1 cells immobilized on k-carrageenan. a) 750×; b) 3 500×.