

Supplementary Table

Effect of SAM-dependent methyltransferases from *Halomonas* sp. YLGW01 on phospholipid fatty acids composition and production of polyhydroxalkanoates in *Escherichia coli*

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Table S1. Sequences of two SAM-dependent methyltransferases of *Halomonas* sp. YLGW01

Gene	Sequence
YLGW01_00254 (<i>ufaM</i>)	GTGAGTACGATCCGCTCTGCCACCTCAGCGCCGCAGCCTGATACCGGCGAT CGCCTGACCCGACTGCTCAAGCCCCGCCTGCTCGCCCAGCTGGCCGATCTC GAGGGCGGCCAGATCACCTGATCGAGGGCGATCAGCGCCATGAACTGGG CCGCGGCGGGCCGCTCTCGGTACAGTCGTGGTCAATCGCCCCAGGCCT GGCGCCGGCTGGCGCTGGGCGGCACGGTGGGCGCCGCCGAGGCCTACATG GATGGCGATTGGGAGGCCGATGACCTGGTCGCTCTGACCCGGCTGTTTCGCC GCCAATCTGGAACGGGTCAACGGCGAGGTCGAGAACGGCAGCGCGCGCT TCGGTCGCTGGCTGCTGACCGCTGCCTACGCCCTGCAGCGCAACACTCAG CGCGGCGCCCGGCGCAACATCTCGGCCCACTATGATCTTGGCAACGAGCTG TTCGCGACCTTCCTCGACACCGAGCACTGGATGTACTCCAGCGCCATCTTC CCGCACCCGGAGGCGAGCCTCGAGGAGGCCTCGACCCATAAGCTCGATGT GATGCTCGACCGGCTCGACGTGGGCCCCGAGCACCACTGCTGGAGATCG GCACCGGCTGGGGCGGGCTCGCCCTTCACGCCGCCAAGAGCCGCGGCTGC CGGGTCACCAACCACCATCTCCGACGAGCAATATGCCACACCGCGGC ACGCATCGAGGAAGAGGGGCTCGGCGAGCGGATCACCTGCTCAAGCAG GACTACCGGGATCTCGAGGGCCGCTATGATCGGGTGATCTCGGTGGAGATG ATCGAGGCGGTGGGGCATCAGTACCTCAACACCTATCTCGCCACCTGGAC CGGCTGCTCACCGACGACGGCCTGGTCATGCTGCAGGCGATCACCATCCGC GACCAGCGCTTCGAGGGCCGCCAAGCGCGAGATGGACTTCATCAAGCGCTA CATCTTCCCCGGCGGTTTCCTGCCCTCGCACCGCGCCATCCTCGACGGCAT CACCCGCCATACCTCGCTGAACGTGCTGTCGCTTGACGAGATCGGGCTGCA CTATGCGCGCACCTTGCGAGAGTGGCGTCATCGCTTCGAAGCTCGCCTGGA GCGGGTCCGCAAGCTCGGCTACGACGAACGCTTCATTCGCATGTGGCGCTA TTACCTGTGCTACTGCGAGGGCGGTTTCCTGGAGCGCAGCATCGGCACCTG CCACCTGCTGATGGCCAAGCCCGGTGCTCGCCGCGATGCCCTGACGGGGG CGCCGTGA
YLGW01_01171 (<i>cfa</i>)	ATGACCAGCGACCCCCGGATCGGTGCCATCGCCTTACCCGACACCCGTGCC CGACGCATCGTCGAGCGGCTACTGGAGGGCTCGGGCGTGGCCCTGAACGG CGGAGCGCCCTGGGACATGCAGGTCCTGCATCCCGACCTCTTCTCCAGGCT GTTGCATCAAGGCACTCTAGGACTCGGGGAAGCCTACATGGAGGGCTGGT GGCAGTGCGAGCGGATCGACGAGATGATTCATCGCATGTTGCGCCATGGCC TTGGCGAGCGCGCCACACGCCCTCGGAGAGGATGCTGTACCGCCTGCAG ACCGGCCTCTTCAACCTGCAGAGCAAGGCCCGCGCCTACATCGTCGGCGA GGCGCATTACGATCTGGGTAACGATCTCTTCGAGCGCATGCTCGACCCGAC TCTCTGCTATTCTGCGGTTACTGGAAGGAGGCCAACAGCCTGCACGAGGC GCAGCTGGCCAAGCTGGACCTGGCCGCTCGCAAGCTGGGGCTTGCCCCGG GCATGCACGTACTGGACATCGGCTGCGGCTGGGGCAGTTTCGCCGAACATG CGGTGCGCCACTACGGTGTCGAGGTCACCGGCATCACCATTTCCCGGGAA CAGGCCGAGCTGGCCCGCAGACGCTGCCAGGATTTGCCCGTCACCATCCT GCTTCAGGACTACCGGGAGCTCGAAGGCCACTATGACCGTATCGTCTCGAT CGGCATGTTTGAACACGTTGGCCATCGCAACTACCGCACCTACTTCGACAC CGTGTCGCACCTGCTGGTCCCCGACGGGCTCTTCTCTTGACACCATCGG CTCCAACAATTCGGGCATCAGCGCCGACCCCTGGATCCACAAGTACATCTT CCCCAACGGGGTGCTGCCCTCGGCCATGCACCTCGCCCGCGCCAGCGAAC CCTATCTGCTGATGGAGGACTGGCAGAACTTCGGCGCCGACTACGATCACA CCCTGATGGCCTGGCTTCAGAACTTCGATGCCCGATGGCCGGAAATCGCCG AACGCTACAACGAGACCACGCGTCGCATGTTCCGCTACTACCTCTCCGCCT GCGCCGGCGCCTTCCGGGCGCGCGACCTGCAGCTCTGGCAGGTGGTCTTT TCCCGGGGGCGCGAGGGACGCTACGACGCCGCCCGCTAG