

Dimethylsulfoniopropionate (DMSP) Degradation by Marine Bacteria along the Cochin Estuarine System



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Supplementary Data 1

GenBank Sequences of the DMSP degrading isolates obtained

>MG779635.1 *Acinetobacter calcoaceticus* strain DBT_COD04 16S ribosomal RNA gene, partial sequence

```
AGTCGAGCGGAGAGAGGTTAGCTTGTACTGATCTTAGC
GGCGGACGGGTGAGTAATGCTTAGGAATCTGCCTATTAGTG
GGGACAACATTTCCGAAAGGAATGCTAATACCGCATAACGTC
CTACGGGAGAAAAGCAGGGGATCTTCGGACCTTGCCTAATA
GATGAGCCTAAGTCGGATTAGCTAGTTGGTGGGGTAAAGGC
CTACCAAGGCGACGATCTGTAGCGGGTCTGAGAGGATGATC
CGCCACACTGGGACTGAGACACGGCCAGACTCCTACGGG
AGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGCCTG
ATCCAGCCATGCCGCGTGTGTGAAGAAGCCTTATGGTTGT
AAAGCACTTTAAGCGAGGAGGACTACTTTAGTTAATACC
TAGAGATAGTGGACGTTACTCGCAGAATAAGCACCGGCTAA
CTCTGTGCCAGCAGCCGCGTAATACAGAGGGTGCAAGCGT
TAATCGGATTTACTGGGCGTAAAGCGCGGTAGGCGGCTAA
TTAAGTCAAATGTGAAATCCCCGAGCTTAACT
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TGGGAATTGCATTCGATACTGGTTAGCTAGAGTGTGGGA
GAGGATGGTAGAATTCAGGTGTAGCGGTGAAATGCGTAGA
GATCTGGAGGAATACCGATGGCGAAGGCAGCCATCTGGCCT
AACACTGACGCTGAGGTGCGAAAGCATGGGGAGCAAACAG
GATTAGATACCCTGGTAGTCCATGCC
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>MH636873.1 *Acinetobacter beijerinckii* strain DBT_COD05 16S ribosomal RNA gene, partial sequence

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GGACGGGTGAGTAATGCTTAGGAATCTGCCTATTAGTGG
GGGACAACATTTCCGAAAGGAATGCTAATACCGCATAACGCC
TACGGGGGAAAGCAGGGGATCTTCTGACCTTGCCTAATAT
ATGAGCCTAAATCGGATTATCTAGTTGGTGGGGTAAAGGCC
TACCAAGGCGACGATCTGTAGCGGGTCTGAGAGGATGATCC
GCCACACTGGGACTGAGACACGGCCACACTCCTACGGGA
GGCAGCAGTGGGGAATATTGACAATGGGCGGAAACCTGAT
CCAGCCATGCCGCGTGTGTGAAAAAAGCCTTTGGTTGTAA
AGCACTTTAAGCGAGGAGGAGGCTACTATTACTAATACTACT
GGATAGTGGACGTTACTCGCAGAATAAGCACCGGCTAACTC
TGTGCCAGCAGCCGCGTAATACAGAGGGTGGCAGCGTTAA
TCGGATTTACTGGGCGT
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>MK874973.1 *Bacillus cereus* strain DBT_COD06 16S ribosomal RNA gene, partial sequence

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TGAGTAACACGTTGGGTAACCTGCCATAAGACTGGGAT
AACTCCGGGAAACCGGGGCTAATACCGGATAACATTTTGAA
CCGCATGGTTCCGAAATTGAAAGGCGGCTTCGGCTGTCACTT
ATGGATGGACCCGCGTGCATTAGCTAGTTGGTGGAGGTAAC
GGCTACCAAGGCAACGATGCGTAGCCGACCTGAGAGGGT
GATCGGCCACACTGGGACTGAGACACGGCCAGACTCCTA
CGGGAGGCAGCAGTAGGGAATCTTCCGCAATGGACGAAAG
TCTGACGGAGCAACCGCGCGTGTAGTGTGAAGGCTTTCCG
GTCGTAATAACTCTGTTGTTAGGGAAGAACAAGTGTAGTTG
AATAAGCTGGCACCTTGACGGTACCTAACAGAAAGCCACG
GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTGGCA
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AGCGTTATCCGGAATTATTGGGCGTAAAGCGCGCGCAGGTG
GTTTCTTAAGTCTGATGTGAAAGCCCACGGCTCAACCGTGG
AGGGTCATTGAAAACCTGGGAGACTTGAGTGCAGA

AGAGGAAAAGTGAATTCCATGTGTAGCGGTGAAATGCC
TAGAGATATGGAGGAACACCAGTGGCGAAGGCGACTTTCTG
GTCTGTAAGTACTGACTGAGGCGGAAAGCGTGGGGAGCAA
ACAGGATTAGATACCCTGGTAGTCCACGCCGTAACGATGA
GTGCTAAGTGTAGAGGGTTTCCGCCCTTTAGTGCTGAAGT
TAACGCATTAAGCACTCCGCCTGGGGAGTACGGCCGCAAG
GCTGAAACTCAAAGGAATTGACGGGGGCCCCG

**>MK874993.1 Lysinibacillus fusiformis strain
DBT_COD07 16S ribosomal RNA gene, partial
sequence**

CGAGCGACAGAAAAGGAGCTTGCTCCTTTGACGTTAGC
GGCGGACGGGTGAGTAACACGTGGGCAACCTACCCTATAGT
TTGGGATAACTCCGGGAAACCGGGGCTAATACCGAATAATC

TCTTTTGCTTCATGGTGAAAGACTGAAAGACGGTTTCGGCT
GTCGCTATAGGATGGGCCCCGCGGCATTAAGTGTGGTG
AGGTAACGGCTCACCAAGGCGACGATGCGTAACCGACCTGA
GAGGGTGATCGGCCACACTGGGACTGAAACACGGCCCAGA
CTCCTACGGGAGGCAGCAGTAGGGAATCTCCACAATGGGC
GAAAGCCTGATGGAACAACGCCGCGTGAGTGAAGAAGGTTT
TCGGATCGTAAAACCTCTGTTGTAAGGGAAGAACAAGTACAG
TAGTAACTGGCTGTACCTTGACGGTACCTTATTAAGGCA
CGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAAGTGG
CAAGCGTTGTCCGGAATTATTGGGCGTAAAGCGCGCGCAGG
CGGTCCTTTAAGTCTGATGTGAAAGCCCAC

GGCTCAACCGTGGAGGGTCATTGGAAACTGGGGGACTT
GAGTGCAGAAGAGGAAAGTGAATTCCAAGTGTAGCGGTGA
AATGCGTAGAGATTTGGAGGAACACCAGTGGCGAAGGCGAC
TTTCTGGTCTGTAAGTACTGACGCTGAGGCGCGAAAGCGTGGG
AGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAC
GATGAGTGCTAAGTGT