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SEQUENCE LISTING

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<120> Method of evaluating inhibitory effect on damp-dry malodor

<130> P13-0141W000

<150> JP 2012-122032

<151> 2012-05-29

<150> JP 2013-109303

<151> 2013-05-23

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<170> PatentIn version 3.5

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gcaaaatacc tcgatatggc acagcaatat cagcacctcg gcccgcgtga tgaagtgccg 2100
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<213> *Enhydrobacter aerosaccus* SK60

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13/27

gcagccaccc ccgccacggc caaggcttgg cttagcttta caggctgccc cttaatagaa 1080
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 aattttgctc atacttttga aaaagtgtt aataaaggtc aagttcgcca tgtaattgtt 480
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<210> 11
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 <213> Acinetobacter sp. DR1
 <400> 11

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<210> 12
 <211> 1686
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 <213> Escherichia coli K12 MG1655

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<210> 13

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the delta9desaturase gene, primer des_F1

<400> 13

cgctgtgcca tatgtttggt

20

<210> 14

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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18/27

<400> 14
tgccaccatt tgacgcat 19

<210> 15
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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<210> 16
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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<400> 16
atcgtataa ggacgggtac caa 23

<210> 17
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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<400> 17
cccgctccta taccgatacc aac 23

<210> 18
<211> 23
<212> DNA
<213> Artificial Sequence

19/27

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the delta9desaturase gene, primer des_R3

<400> 18

ccattttacc ccattgcgat agt

23

<210> 19

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the delta9desaturase gene, primer des_F4

<400> 19

acccgtcctt ataccgatac caa

23

<210> 20

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the delta9desaturase gene, primer des_R4

<400> 20

ccattttacc ccattgcgat agt

23

<210> 21

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the delta9desaturase gene, primer des_F5

<400> 21

gatggtgggt gatattgcag gta

23

<210> 22

20/27

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<212> DNA
<213> Artificial Sequence

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<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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<400> 22
cggataagg acgggtacca aac 23

<210> 23
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the delta9desaturase gene, primer des_F6

<400> 23
ggtatttgac tgggtgcag gac 23

<210> 24
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the delta9desaturase gene, primer des_R6

<400> 24
gcttgggtag tttttgagca tcc 23

<210> 25
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the fadB gene, primer fadB_F6

<400> 25

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tgaaacgggtt cgctgttttag aag

23

<210> 26

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_R6

<400> 26

gaatcatttg tggcgcttca tag

23

<210> 27

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_F7

<400> 27

cgactacggt agcgtttagca gaa

23

<210> 28

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_R7

<400> 28

catcaagtaa gcaggaccca ttg

23

<210> 29

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

22/27

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_F8

<400> 29

ctttaagccg tatccgtcct acg

23

<210> 30

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_R8

<400> 30

ggcgctctag taccgaagct aag

23

<210> 31

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_F9

<400> 31

cattcaaccg ttttgaagac ctg

23

<210> 32

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence of the fadB gene, primer fadB_R9

<400> 32

gataccgatg atacgtggca aac

23

<210> 33

<211> 23

23/27

<212> DNA
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<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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<400> 33
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23

<210> 34
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
 of the fadD gene, primer fadD_R1

<400> 34
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23

<210> 35
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
 of the fadD gene, primer fadD_F2

<400> 35
 cacattcccg cttaacaga tca

23

<210> 36
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
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<400> 36
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23

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<210> 37
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the fadD gene, primer fadD_F3

<400> 37
accagcaata tggagcgagc tat

23

<210> 38
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the fadD gene, primer fadD_R3

<400> 38
attaggcagc atgatatcgga cac

23

<210> 39
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the fadD gene, primer fadD_F4

<400> 39
cgcccttacca aattgaccaa aag

23

<210> 40
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence

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of the fadD gene, primer fadD_R4

<400> 40

cgggtgtattg gataaaggca aca

23

<210> 41

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the fadD gene, primer fadD_F5

<400> 41

cgagaattca ccagcaatat gga

23

<210> 42

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for amplifying a part of the nucleotide sequence
of the fadD gene, primer fadD_R5

<400> 42

ttaggcagca tgatagcgac act

23

<210> 43

<211> 1492

<212> DNA

<213> Moraxella sp. KMC 4-1

<400> 43

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tgaaaggggg cgcaagctct tgctattaga tgagcctaaa tcagattagc tagttggteg 240

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