

Nucleotide

Display Settings: GenBank

Escherichia coli strain A2861 class B metallo-beta-lactamase (ndm1) gene, partial cds

GenBank: JN255860.1

[FASTA](#) [Graphics](#)[Go to:](#)

LOCUS JN255860 901 bp DNA linear BCT 30-AUG-2011
 DEFINITION Escherichia coli strain A2861 class B metallo-beta-lactamase (ndm1) gene, partial cds.

ACCESSION JN255860

VERSION JN255860.1 GI:344222030

KEYWORDS .

SOURCE Escherichia coli

ORGANISM [Escherichia coli](#)

Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia.

REFERENCE 1 (bases 1 to 901)

AUTHORS Parveen,M., Harish,B. and Parija,S.

TITLE Direct Submission

JOURNAL Submitted (15-JUL-2011) Department of Microbiology, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Dhanvanthari Nagar, Puducherry 605006, India

FEATURES Location/Qualifiers

source

1..901

/organism="Escherichia coli"

/mol_type="genomic DNA"

/strain="A2861"

/db_xref="taxon:562"

/clone="EcN09"

/country="India"

/collection_date="19-Apr-2008"

/collected_by="Mohamudha Parveen"

/PCR_primers="fwd_name: ndm-f, fwd_seq:

gggtcatgcccgggtgaaatc, fwd_name: ndm-a, fwd_seq:

cacctcatgtttgaattcgcc, rev_name: ndm-r, rev_seq:

atgctggccttggggaacg, rev_name: ndm-b, rev_seq:

ctctgtcacatcgaaatcgc"

99..>901

/gene="ndm1"

[gene](#)[CDS](#)

99..>901

/gene="ndm1"

/codon_start=1

/transl_table=11

/product="class B metallo-beta-lactamase"

/protein_id="AEN02505.1"

/db_xref="GI:344222031"

/translation="MELPNIMHPVAKLSTALAAALMLSGCMPGEIRPTIGQQMETGDQ

RFGDLVFRQLAPNVWQHTSYLDMPFGGAVASNGLIVRDGGRVVLVDTAWDDQTAQIL

NWIKQEINLPVALAVVTHAQDKMGMDLHAAGIATYANALSNQLAPQEGMVAQHS

LTFANGWVEPATAPNFGPLKVFYPGPGHTSDNITVIGIDGTDIAFGGLCIKDSKAKSL

GNLGDADTEHYAASARAFGAAPFKASMIVMSSHAPDSRAAITHTARMAD"

ORIGIN

```

1 tcgccccata tttttgctac agtgaaccaa attaagatca tctatttact aggcctcgca
61 tttgcggggg ttttaatgct gaataaaaagg aaaacttgat ggaattgccc aatattatgc
121 acccggtcgc gaagctgagc accgcattag ccgctgcatt gatgctgagc ggggtgatgc
181 ccggtgaaat ccgccgagc attggccagc aaatggaac tggcgaccaa cggtttggcg
241 atctggtttt ccgccagctc gcaccgaatg tctggcagca cacttccatc ctgcagatgc
301 cgggtttcgg ggcagtcgct tccaacggtt tgatcgtcag ggatggcggc cgcgtgctgg
361 tggtcgatac cgcctggacc gatgaccaga ccgccagat cctcaactgg atcaagcagg
421 agatcaacct gccgtgcgct ctggcggtgg tgactcacgc gcatcaggac aagatgggcg
481 gtatggacgc gctgcatgcg gcggggattg cgacttatgc caatgcgttg tcgaaccagc
541 ttgccccgca agaggggatg gttgcggcgc aacacagcct gactttcgcc gccaatggct
601 gggtcgaacc agcaaccgcg cccaactttg gcccgctcaa ggtattttac cccggccccg
661 gccacaccag tgacaatatc accgttggga tcgacggcac cgacatcgct tttggtggct
721 gcctgatcaa ggacagcaag gccaagtcgc tcggcaatct cggtgatgcc gacactgagc
781 actacgcccg gtcagcgcgc gcgtttggtg cggcgttccc caaggccagc atgatcgtga
841 tgagccattc cgccccgat agccgcgccc caatcactca tacggccccg atggccgaca
901 a

```

//