

Nucleotide

Display Settings: GenBank

Klebsiella pneumoniae strain A2236 class B metallo-beta-lactamase (ndm1) gene, partial cds

GenBank: JN255859.1

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

LOCUS JN255859 901 bp DNA linear BCT 30-AUG-2011
 DEFINITION Klebsiella pneumoniae strain A2236 class B metallo-beta-lactamase (ndm1) gene, partial cds.

ACCESSION JN255859

VERSION JN255859.1 GI:344222028

KEYWORDS .

SOURCE Klebsiella pneumoniae

ORGANISM [Klebsiella pneumoniae](#)

Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Klebsiella.

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="Klebsiella pneumoniae"
/mol_type="genomic DNA"
/strain="A2236"
/isolation_source="blood"
/db_xref="taxon:573"
/clone="KpN13"
/country="India"
/collection_date="11-Mar-2010"
/collected_by="Mohamudha Parveen"
/PCR_primers="fwd_name: ndm-f, fwd_seq:
ggtgcatgccccggtgaaatc, fwd_name: ndm-a, fwd_seq:
cacctcatgttgaattcgcc, rev_name: ndm-r, rev_seq:
atgctggccttggggaacg, rev_name: ndm-b, rev_seq:
ctctgtcacatcgaatcgc"

```

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

```

99..>901
/gene="ndm1"
99..>901
/gene="ndm1"
/codon_start=1
/transl_table=11
/product="class B metallo-beta-lactamase"
/protein_id="AEN02504.1"
/db_xref="GI:344222029"
/translation="MELPNIMHPVAKLSTALAAALMLSGCMPGEIRPTIGQQMETGQDQ
RFGDLVFRQLAPNVWQHTSYLDMPGFGAVASNGLIVRDGGRVLLVVDATAWDDQTAQIL
NWIQKEINLPLVALAVVTHAHQDKMGGMDALHAAGIATYANALSNQLAPQEGMVAQHS
LTFANGWVEPATAPNFGPLKVFYPGPGHSDNITVIGIDGTDIAFGGCLIKDSKAKSL
GNLGDADTEHYAASARAFGAAPKASMIVMSSHAPDSRAAIHTHARMAD"

```

ORIGIN

```

1 tcgccccata ttttctgctac agtgaaccaa attaagatca tctatttact aggcctcgca
61 tttgcgggggt ttttaagtct gaataaaaagg aaaacttgat ggaattgcc aatattatgc
121 accggtcgc gaagctgagc accgcattag ccgctgatt gatgctgagc gggtgcatgc
181 ccggtgaaat ccgccgacg attggccagc aaatggaaac tggcgaccaa cggtttggcg
241 atctggtttt ccgccagctc gcaccgaatg tctggcagca cacttctat ctcgacatgc
301 cgggtttcgg ggcagctcgt tcacaagggt tgatcgtcag ggatggcggc cgcgtgctgg
361 tggctgatac cgcctggacc gatgaccaga ccgccagat cctcaactgg atcaagcagg
421 agatcaacct gccgctgcgc ctggcgggtg tgactcacgc gcacatcaggac aagatggcgc
481 gtatggagcgc gctgcatcgc gcggggattg cgacttatgc caatgcgttgc 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 gccaaatcgc tcggcaatct cggatgatcc gacactgagc
781 actacgcccg gtcagcgcgc gcgttgggtg cggcgttccc caaggccagc atgatcgtga
841 tgagccattc cggccccgat agccgcgcgc caactactca tacggccccg atggccgaca
901 a

```

//