Synthetic construct Yersinia pestis clone FLH0131939.01X y1829 gene, complete sequence

GenBank: DQ770816.1

FASTA Graphics

Go to:

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LOCUS       DQ770816               1236 bp    DNA     linear   SYN 03-JUL-2006
DEFINITION  Synthetic construct Yersinia pestis clone FLH0131939.01X y1829
            gene, complete sequence.
ACCESSION   DQ770816
VERSION     DQ770816.1
KEYWORDS    Yersinia pestis ORF Project.
SOURCE      synthetic construct
  ORGANISM  synthetic construct
            other sequences; artificial sequences.
REFERENCE   1  (bases 1 to 1236)
  AUTHORS   Rolfs,A., Kelley,F., McCarron,S., Jepson,D., Hu,Y., Taycher,H.,
            Zuo,D., Kramer,J., Williamson,J., Barsic,M., Bera,J., Bertles,A.K.,
            Burr,P.C., Chandra,S., Ferlanti,E., Kwon,E.M., Sanka,R.,
            Tsegaye,G., Venepally,P., Peterson,S.N., Brizuela,L. and LaBaer,J.
  TITLE     Yersinia pestis KIM ORF Project
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 1236)
  AUTHORS   Rolfs,A., Kelley,F., McCarron,S., Jepson,D., Hu,Y., Taycher,H.,
            Zuo,D., Kramer,J., Williamson,J., Barsic,M., Bera,J., Bertles,A.K.,
            Burr,P.C., Chandra,S., Ferlanti,E., Kwon,E.M., Sanka,R.,
            Tsegaye,G., Venepally,P., Peterson,S.N., Brizuela,L. and LaBaer,J.
  TITLE     Direct Submission
  JOURNAL   Submitted (14-JUN-2006) Department of Biological Chemistry and
            Molecular Pharmacology, Harvard Institute of Proteomics, 320
            Charles Street, Cambridge, MA 02141, USA
COMMENT     This clone is part of the Yersinia pestis KIM ORF clone collection
            generated by the Harvard Institute of Proteomics. Each CDS has been
            PCR-amplified from genomic DNA. The initiation codon has been
            normalized to ATG and the stop codon has been normalized to TAG.
            AttB recombination sites have been added to either end of the ORF
            and directionally cloned using the Gateway cloning system into
            pDONR221. Additional sequences in the clone:  'CACC' before 'ATG'
            (corresponding to Kozak consensus sequences).
FEATURES             Location/Qualifiers
     source          1..1236
                     /organism="synthetic construct"
                     /mol_type="other DNA"
                     /db_xref="taxon:32630"
                     /clone="FLH0131939.01X"
                     /lab_host="Escherichia coli DH5alpha T1 resistant"
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/note="derived from Yersinia pestis KIM"

gene 1..1236

/locus_tag="y1829"

ORIGIN

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     121 cagattggtt ttggttttac cgtatatgcc atcattcaga ccgttggctt attcagttct
     181 ctttatattg ctgatcgttt ttcgaaaaag atcttactgc ccgtagggtt gatcggtgtg
     241 ggcctctgtg gcgcatactt agccacgctt ccaccgttta ccggttatct catcgccttt
     301 ggtgctatgg catttttgg ggaagtggtt tactggcctg tactgttgaa agcagtaagg
     361 ttgctgggaa ccaaagaaga acaaggacgc atgtttggtt ttctggaagc gggtcgcggt
     421 gtgattgatg tacttatcgc ttctggtgcc ctgtttgttt ttgttcagtt tggtgaaggt
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    1081 atgtttgcct acgcacttta tggctcatta ttagataatt ttgaggggat tcaggggtac
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    1201 ttaacaaaaa gaatgcgtgc agtagctgta gcctag
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