Y.pestis genes caf1, caf1M, caf1A and caf1R

GenBank: X61996.1

FASTA Graphics

Go to:

```
LOCUS       X61996                5383 bp    DNA     linear   BCT 18-APR-2005
DEFINITION  Y.pestis genes caf1, caf1M, caf1A and caf1R.
ACCESSION   X61996 S40525 S90405 X57773
VERSION     X61996.1
KEYWORDS    caf1 gene; caf1A gene; caf1M gene; caf1R gene; F1 antigen.
SOURCE      Yersinia pestis
  ORGANISM  Yersinia pestis
            Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacterales;
            Yersiniaceae; Yersinia.
REFERENCE   1  (bases 1 to 5383)
REFERENCE   5
  AUTHORS   Karlyshev,A.V.
  TITLE     Direct Submission
  JOURNAL   Submitted (24-JAN-1992) A.V. Karlyshev, Inst of Immunology, State
            Concern 'Biopreparation', 142380 Lyubuchany, Moscow Region, Ussr
  REMARK    revised by [5]
REFERENCE   6  (bases 1 to 5383)
  AUTHORS   Karlyshev,A.V.
  TITLE     Direct Submission
  JOURNAL   Submitted (22-SEP-1992)
COMMENT     On or before Jun 22, 2005 this sequence version replaced
S40525.1,
            S90405.1.
FEATURES             Location/Qualifiers
     source          1..5383
                     /organism="Yersinia pestis"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:632"
     gene            4618..5130
                     /gene="caf1"
     CDS             4618..5130
                     /gene="caf1"
                     /codon_start=1
                     /transl_table=11
                     /product="F1 capsule antigen"
                     /protein_id="CAA43966.1"
                     /db_xref="GOA:P26948"
                     /db_xref="InterPro:IPR008966"
                     /db_xref="InterPro:IPR015335"
                     /db_xref="PDB:1P5U"
```

/db_xref="PDB:1P5V"
/db_xref="PDB:1Z9S"
/db_xref="PDB:3DOS"
/db_xref="PDB:3DPB"
/db_xref="PDB:3DSN"
/db_xref="UniProtKB/Swiss-Prot:P26948"
/translation="MKKISSVIAIALFGTIATANAADLTASTTATATLVEPARITLTY
KEGAPITIMDNGNIDTELLVGTLTLGGYKTGTTSTSVNFTDAAGDPMYLTFTSQDGNN
HQFTTKVIGKDSRDFDISPKVNGENLVGDDVVLATGSQDFFVRSIGSKGGKLAAGKYT
DAVTVTVSNQ"

ORIGIN

```
     4321 tggttctata gttaccattg aagggcaatc atccagctct ggcattgtcg gagataatag
     4381 cggtgtctat ttgactggac tacctaaaaa atcaaaaata cttgttaagt gggggagaga
     4441 taaaaatcaa tcatgttcat ctaatgtagt tctaccagaa aaaacggata tttctggtgc
     4501 ttataggtta tccacaacct gcatcttaaa taactgaaac ggatgtttat ttcaaacagg
     4561 acacaagccc tctctacgaa tttgttcgtg gattggatta ttcgatagag gtaatatatg
     4621 aaaaaaatca gttccgttat cgccattgca ttatttggaa ctattgcaac tgctaatgcg
     4681 gcagatttaa ctgcaagcac cactgcaacg gcaactcttg ttgaaccagc ccgcatcact
     4741 cttacatata aggaaggcgc tccaattaca attatggaca atggaaacat cgatacagaa
     4801 ttacttgttg gtacgcttac tcttggcggc tataaaacag gaaccactag cacatctgtt
     4861 aactttacag atgccgcggg tgatcccatg tacttaacat ttacttctca ggatggaaat
     4921 aaccaccaat tcactacaaa agtgattggc aaggattcta gagattttga tatctctcct
     4981 aaggtaaacg gtgagaacct tgtgggggat gacgtcgtct tggctacggg cagccaggat
     5041 ttctttgttc gctcaattgg ttccaaaggc ggtaaacttg cagcaggtaa atacactgat
     5101 gctgtaaccg taaccgtatc taaccaataa tccatataga taatagataa aggagggcta
     5161 ttatgccctc ctttaatatt tatgaattat cctactttga gcctaaccct cgcttttctt
     5221 aatcacggca ttgatagcaa gactgacaaa tttatgtgaa gatcaatgtt aggaactaat
     5281 gcagaaagcc acgccctcaa tagatttcac ataatacact attagctaag aatagagagc
     5341 gcgaagcaat ataataggtt catatttata actctcacct taa
```