S.salivarius insertion sequence IS1139 tnpA gene encoding transposase

GenBank: Z17279.1

FASTA Graphics

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LOCUS Z17279 1717 bp DNA linear BCT 26-JUL-2016
DEFINITION S.salivarius insertion sequence IS1139 tnpA gene encoding transposase.
ACCESSION Z17279
VERSION Z17279.1
KEYWORDS insertion sequence; insertion sequence IS1139; tnpA gene; transposase.
SOURCE Streptococcus salivarius
ORGANISM Streptococcus salivarius
Bacteria; Bacillati; Bacillota; Bacilli; Lactobacillales; Streptococcaceae; Streptococcus.
REFERENCE 1
AUTHORS Gagnon,G., Vadeboncoeur,C., Levesque,R.C. and Frenette,M.
TITLE Cloning, sequencing and expression in Escherichia coli of the ptsI gene encoding enzyme I of the phosphoenolpyruvate:sugar phosphotransferase transport system from Streptococcus salivarius
JOURNAL Gene 121 (1), 71-78 (1992)
PUBMED 1427100
REFERENCE 2 (bases 1 to 1717)
AUTHORS Lortie,L.A., Gagnon,G. and Frenette,M.
TITLE IS1139 from Streptococcus salivarius: identification and characterization of an insertion sequence-like element related to mobile DNA elements from gram-negative bacteria
JOURNAL Plasmid 32 (1), 1-9 (1994)
PUBMED 7991667
REFERENCE 3 (bases 1 to 1717)
AUTHORS Frenette,M.
TITLE Direct Submission
JOURNAL Submitted (15-OCT-1992) Michel Frenette, Biochemistry(Sciences) and
Dental School, Laval University, Groupe de Recherche en Ecologie Buccale, Quebec, Quebec, G1K 7P4, Canada
FEATURES Location/Qualifiers
source 1..1717
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CDS complement(<1..111)

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regulatory 372..377

/regulatory_class="minus_10_signal"

regulatory 400..408

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CDS 406..1431

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