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LOCUS               plai2dmls        7297 bp ds-DNA   circular     28-MAR-2010
DEFINITION  Human immunodeficiency virus type 1, isolate BRU, complete genome
            (LAV-1). Large deletion in the pol ORF.
ACCESSION   K02013
VERSION     K02013.1  GI:326417
KEYWORDS    TAR protein; TAT protein; acquired immune deficiency syndrome;
            complete genome; env protein; gag protein; long terminal repeat
            (LTR); pol protein; polyprotein; proviral gene; reverse
            transcriptase; transactivator.
SOURCE      Human immunodeficiency virus 1 (HIV-1)
  ORGANISM  Human immunodeficiency virus 1 Viruses; Retro-transcribing viruses;
            Retroviridae; Orthoretrovirinae; Lentivirus; Primate lentivirus
            group.
REFERENCE   1  (bases 1 to 9229)
  AUTHORS   Wain-Hobson,S., Sonigo,P., Danos,O., Cole,S. and Alizon,M.
  TITLE     Nucleotide sequence of the AIDS virus, LAV
  JOURNAL   Cell 40 (1), 9-17 (1985)
   PUBMED   2981635
REFERENCE   2  (bases 1 to 9193)
  AUTHORS   van Beveren,C.P., Coffin,J. and Hughes,S.
  TITLE     Appendix B: HTLV-3/LAV genome
  JOURNAL   (in) Weiss,R.L., Teich,N., Varmus,H. and Coffin,J. (Eds.); RNA
            TUMOR VIRUSES, MOLECULAR BIOLOGY OF TUMOR VIRUSES, SECOND EDITION,
            2; Cold Spring Harbor Laboratory, CSH, NY (1985)
REFERENCE   3  (bases 1712 to 1749)
  AUTHORS   Alizon,M., Wain-Hobson,S., Montagnier,L. and Sonigo,P.
  TITLE     Genetic variability of the AIDS virus: nucleotide sequence analysis
            of two isolates from African patients
  JOURNAL   Cell 46 (1), 63-74 (1986)
   PUBMED   2424612
COMMENT     Original source text: Human immunodeficiency virus type 1 (HIV-1),
            isolate BRU (LAV-1), proviral DNA clone lambda-J19.
            [(in) Weiss,R., Teich,N., Varmus,H. and Coffin,J. (Eds.);RNA Tumor
            Viruses,Molecu]  review.
            [3]  revision of [1].
            The original LAV, sometimes called LAV-1 to distinguish it from
            HIV2 (LAV-2), is now referred to as HIV-1bru. An infectious clone
            of this virus has been constructed by Keith Peden, Molecular Bio-
            logy and Genetics, Johns Hopkins University School of Medicine,
            Baltimore, MD 21205 (301) 955-3652. HIVNL43 is also an infectious
            clone having for its 3' half a clone of the BRU isolate. Acquired
            immune deficiency syndrome (AIDS) is caused by a retrovirus known
            by several different names, probably representing two separate
            strains: human T-cell lymphotropic virus-III (HTLV-III) and
            lymphadenopathy-associated virus (LAV) are thought to be one
            strain, and AIDS-associated retrovirus type 2 (ARV-2) the other.
            All three viruses, whose sequences do not differ by more than about
            6%, are believed to belong to the retroviral subfamily
            Lentiviridae, or 'slow' viruses.
            For the details of the annotation and for other pertinent
            references, see the HIV reference entry.
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     7261 tgcttaagcc tcaataaagc ttgccttgag tgcttca
//
```