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BACTERIAL ARTIFICIAL CHROMOSOME: A DISTINCT VECTOR

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ABSTRACT

Bacterial artificial chromosomes (BAC) are one of the most important research tools being significantly proven to efficiently hold up to 350 kb of DNA to be cloned. The development of BAC has been proven an ambitious success story for human genome project, in genomic DNA libraries and physical map construction for genomic sequencing. The salient feature of *Escherichia coli* derived F-factor is most basic requirement for BAC, which helps in maintenance of DNA clones and easy manipulation of cloned DNA. The following paper accounts details on BAC.

KEYWORDS: Bacterial Artificial Chromosome, DNA Libraries, Physical Map, Genome Sequencing