Purified BLRV RNA was converted to cDNA and cloned into pT773 19U phagemid. The nucleotide sequence of a putative bean leafroll luteovirus coat protein gene was determined from the clones pBL9, pBL29 and pBL32 by the chain termination method (1). Sequence analysis reveals a 588 bp open reading frame and an internal 426 bp ORF (Fig. 1). The large ORF is equivalent to a protein of Mr 21.98 kDa, the smaller one encodes a protein of Mr 16.09 kDa. Comparison of the amino acid sequence of the 22 kDa protein with the coat proteins of the luteoviruses BYDV (PAV, 2), BWYV (3) and PLRV (4, 5) reveals sequence homologies ranging from 42.6 to 56.1%, when using the program FASTA (6) for alignment.

**REFERENCES**


**Figure 1.** Nucleotide sequence of the BLRV coat protein gene. Deduced amino acid sequence of the 22 kDa ORF is shown above the 16 kDa ORF.