

RESEARCH ARTICLE

BLAST analysis of Phaseolin gene from common bean (*Phaseolus vulgaris*)

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ABSTRACT

The common bean (*Phaseolus vulgaris*) contains major seed storage protein which is known as the phaseolin. The phaseolin is the salt-soluble glycoprotein that accounts of some 50 per cent of the total protein in mature bean seeds. The computational packages and online servers are the current tools used in the nucleotide or protein sequence analysis and characterization. The query full length nucleotide sequence of phaseolin gene was subjected to BLAST analysis with the homologous nucleotide sequences. The sequences homologues to the phaseolin gene query sequence were retrieved on the bases of query coverage, maximum identity and e-value.

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