

Supplementary Data

Other sequence homologies ($E < 10^{-20}$) identified by comparing all available BAC-end sequences from contig 410 to the GenBank nr database included four additional genes: a cell division protein FtsZ (*Pisum sativum*, T06774), Na⁺/H⁺ antiporter (*Mesembryanthemum crystallinum*, AAF91423), CP12 protein precursor (*P. sativum*, T06562) and an unknown protein (*Arabidopsis thaliana*, AAM15154). Several less significant matches ($E = 10^{-10}$) were found to the NBS-LRR family of disease resistance genes and to retroelements.