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(54) Title: NUCLEOTIDE SEQUENCES ENCODING INSECTICIDAL PROTEINS

(57) Abstract: The present invention provides nucleotide sequences encoding an insecticidal protein exhibiting lepidopteran inhibitory activity, as well as a novel insecticidal protein referred to herein as a Cry1A.105 insecticide, transgenic plants expressing the insecticide, and methods for detecting the presence of the nucleotide sequences or the insecticide in a biological sample.



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