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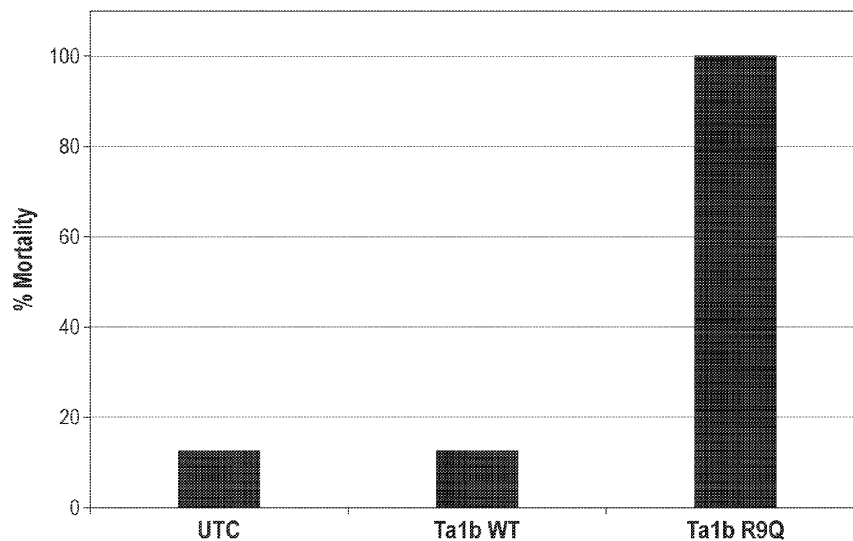


FIG. 3

(57) Abstract: New insecticidal proteins, nucleotides, peptides, and their expression in plants. Methods of producing new nucleotides and new peptides, new processes, new production techniques, new formulations, and new organisms. The present disclosure is also related to and describes novel peptides called TVPs, which are non-natural peptide variations based upon the U1-agatoxin-Ta1b toxin derived from the Hobo spider. Here, we describe: genes encoding TVPs; formulations and combinations comprising TVP genes and/or peptides; and methods using the same that are useful for the control of pests.

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