COMPOSITIONS AND METHODS FOR TREATING LIBERIBACTER DISEASES AND OTHER BACTERIAL DISEASES

ABSTRACT

The disclosure provides stable antimicrobial (e.g., antibacterial or antifungal or both) peptides (SAMPs) that may be used in methods of preventing or treating a bacterial disease (e.g., a Liberibacter disease, such as citrus greening disease (also called Huanglongbing (HLB)) or potato Zebra Chip disease, and other bacterial diseases such as those caused by Agrobacterium tumefaciens (also known as Rhizobium radiobacter) and Pseudomonas syringae) in plants (e.g., citrus plants or potato plants). SAMPs disclosed herein may be heat stable, as well as stable in plant extracts and/or in plant lysates (e.g., citrus lysates).

[Fig. 3B]