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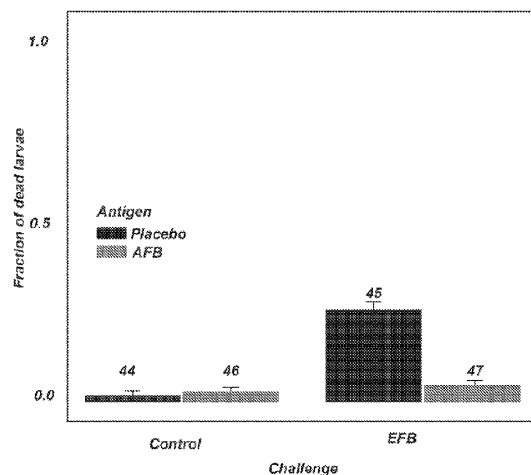
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(54) Title: VACCINE METHOD AND COMPOSITION FOR BACTERIAL DISEASES IN INVERTEBRATES

FIGURE 3



(57) Abstract: The disclosure provides compositions and methods for vaccinating invertebrates and invertebrate populations from diseases. The disclosure further provides compositions and methods for prophylactically immunizing honeybee hive to protect from infection with Foulbrood disease. In embodiments, the disclosure further provides compositions and methods for prophylactically immunizing honeybee hive to protect from infection with European foulbrood or American foulbrood caused by *Melissococcus plutonius* using a non-disease causing bacterium.

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