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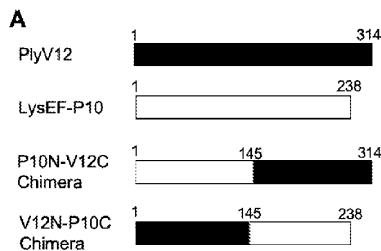
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(54) Title: ENGINEERED CHIMERIC ANTIMICROBIAL AGENTS AGAINST GRAM-POSITIVE BACTERIA

Figure 1



(57) Abstract: The present invention relates to chimeric bacterio-
phage lysins which can be used to sanitize surfaces, for the treat-
ment of bacterial infections and/or for the selective treatment of
body odor-causing bacteria. The chimeric lysins have killing activ-
ity against a plurality of Staphylococcus species. In a specific em-
bodiment, the chimeric lysin comprises a catalytic domain of Ly-
sEF-P10 and a cell wall binding domain of PlyV12. The invention
also includes synergistic combinations, methods of treatment and
isolated polynucleotides which encode the chimeric lysins.

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