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Abbreviated title: Effective antimicrobial activity of Cbf-14 against penicillin-resistant bacteria *in vitro/vivo* 

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Abbreviations: NDM-1, New Delhi metallo-beta-lactamase-1; BF-30, Cathelicidin-BF; CFU, colony forming unit; Glu, glutamic acid; Lys, lysine; RLLR, Arg-Leu-Leu-Arg; IPTG, isopropyl β-D-1-thiogalactopyranoside; TEM, transmission electron microscopy; SDS-PAGE, Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis; NPN, N-Phenyl-1-naphthylamine; PI, Propidium Iodide; SYTO 9, SYTO<sup>®</sup> 9 nucleic acid stain; FITC, Fluorescein Isothiocyanate; CCK-8, Cell Counting Kit-8; DAPI, 4',6-diamidino-2-phenylindole; DPPG, 1,2-dipalmitoyl-sn-glycero-3-phospho-(1-rac-glycerol); DPPE, 1, 2-dipalmitoyl-sn-glycero-3-phosphoethanolamine;

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