Expression and purification of the antimicrobial peptide CM4 in *Escherichia coli*

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The results given in Figs. 3 and 4 and Table 2 of the original publication were partly incorrect or inaccurate (notably the peak in Fig. 3, the corresponding retention time specified in the text, the missing information on the thickness of the medium and the diameter of the pore in Fig. 4 and some data in Table 2). The corrected Figs. 3 and 4 and Table 2 are shown below.

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Fig. 3 Purification of recombinant CM4 by RP-HPLC that was performed on HPLC with a Kromasil C18 analytical column (10 × 250 mm, 5 μm bead diameter). The elution was performed using a linear gradient of 15–70% acetonitrile in 0.1% trifluoroacetic acid (TFA) at 1.0 ml/min. Elution was monitored at 214 and 280 nm

Fig. 4 The bioactivity of CM4 against *E. coli* K₁₂D₃₁. The thickness of the medium is 2 mm; the diameter of the pore is 4 mm. (1) The positive control, native CM4 (40 μ M); (2) recombinant CM4 solution (20 μ M); (3) the negative control, sterile water

Table 2 Antibacterial activities of recombinant CM4 on selected microorganisms

Microorganisms ^a	Minimal inhibitory concentration (μ M)	
	Recombinant CM4 ^b	Native CM4 ^b
Gram negative		
<i>E. coli</i> K12D31	8	8
<i>Salmonella</i> spp.	16	16
Fungi		
<i>P. chrysogenum</i>	16	16
<i>A. niger</i>	4	4

^a Cells were grown in LB-broth for 24 h with vigorous shaking at 30°C

^b Stocks solution of CM4 was serially diluted with 0.01 acetic acid and 0.2% BSA. The antibacterial effect was evaluated by measuring the culture OD600 using a microtiter reader