

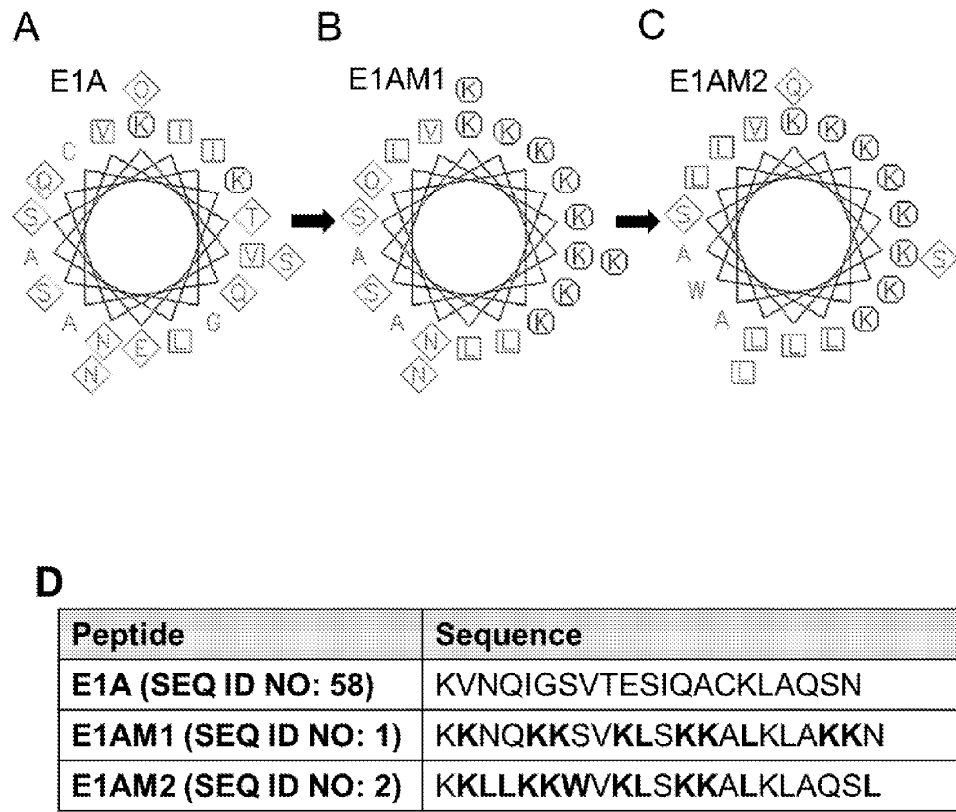


Figure 1

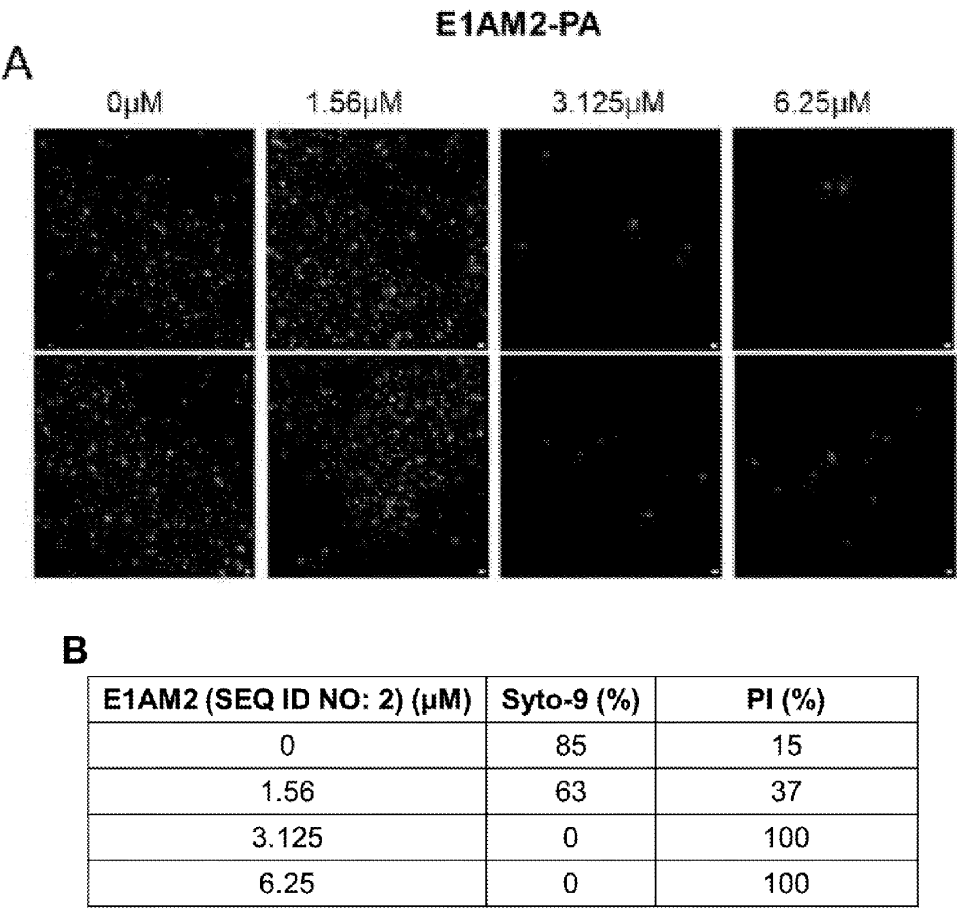


Figure 2

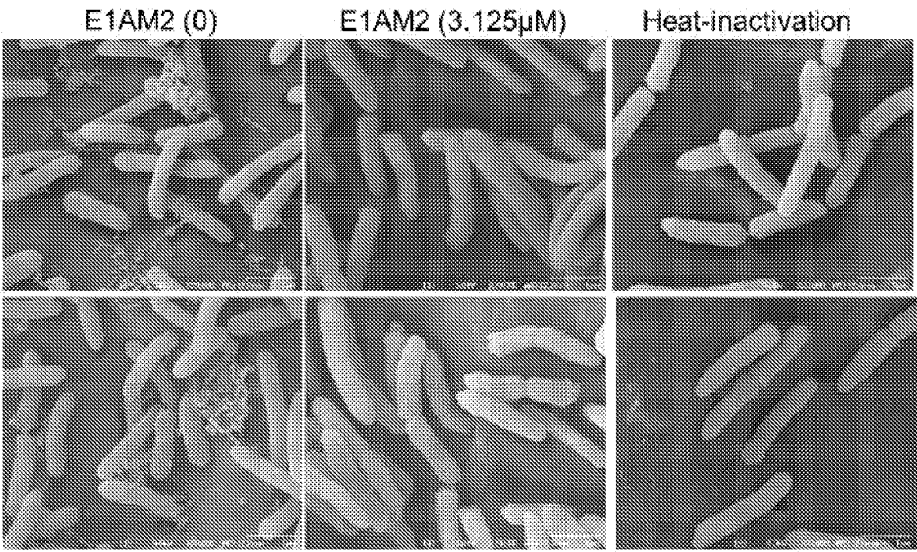


Figure 3

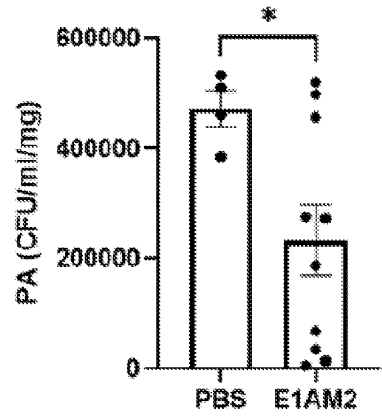


Figure 4

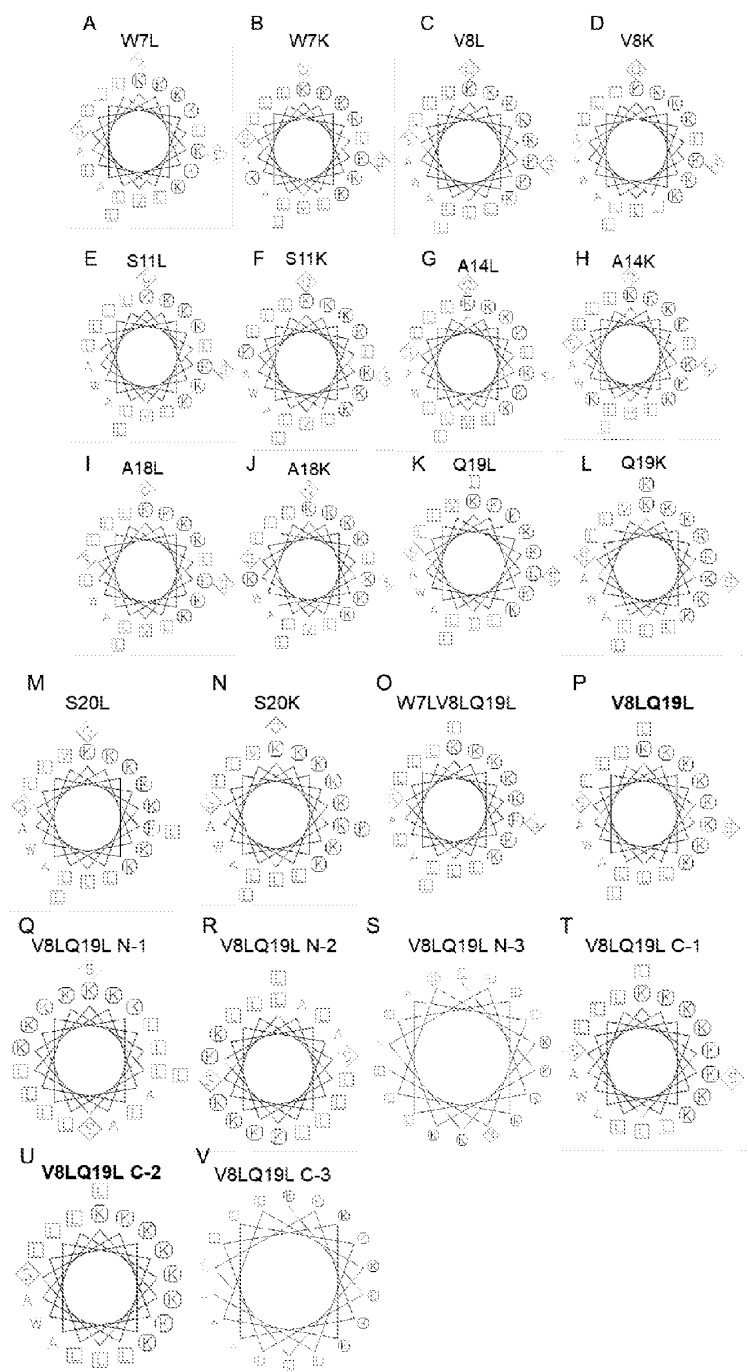


Figure 5

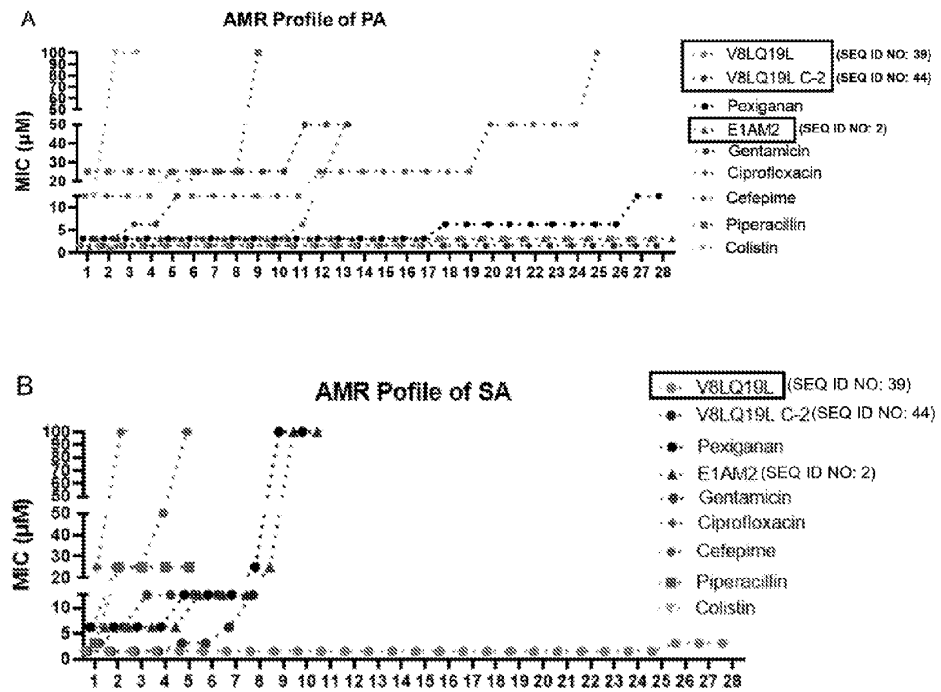


Figure 6

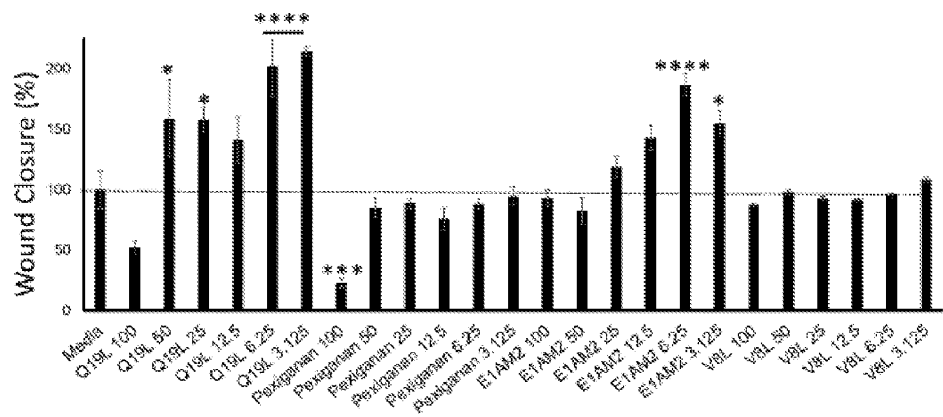


Figure 7

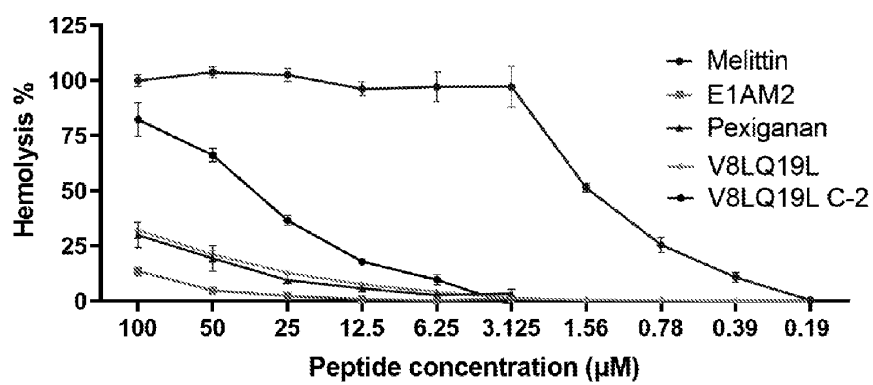
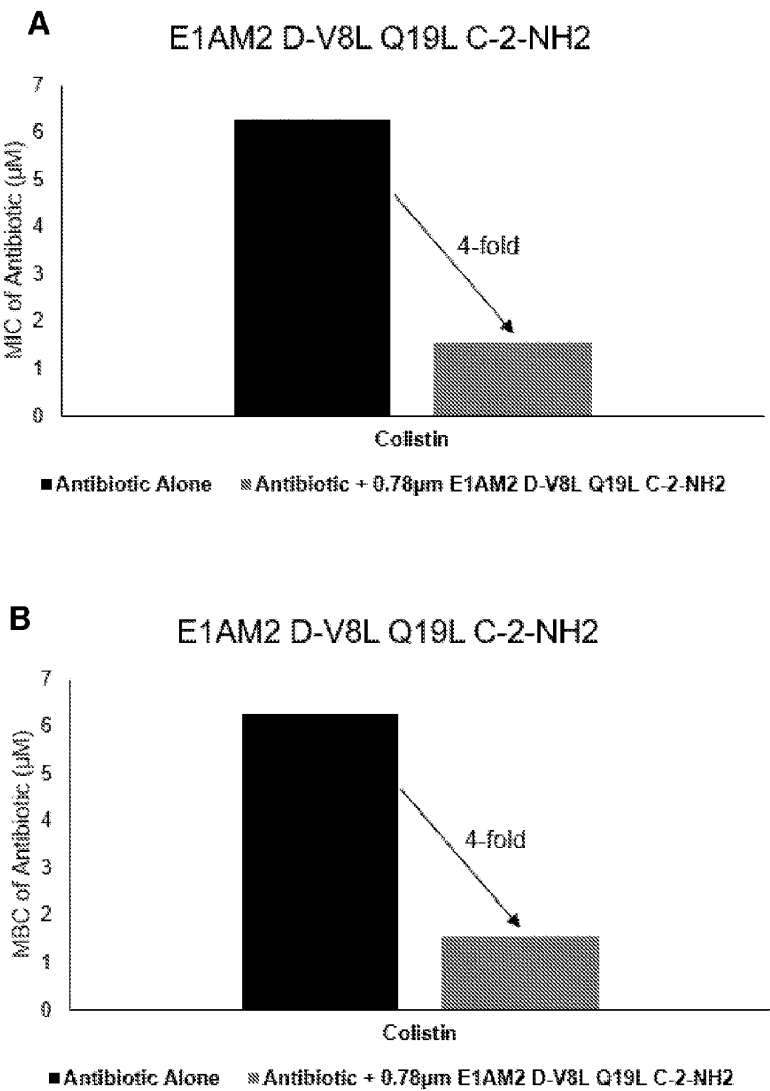
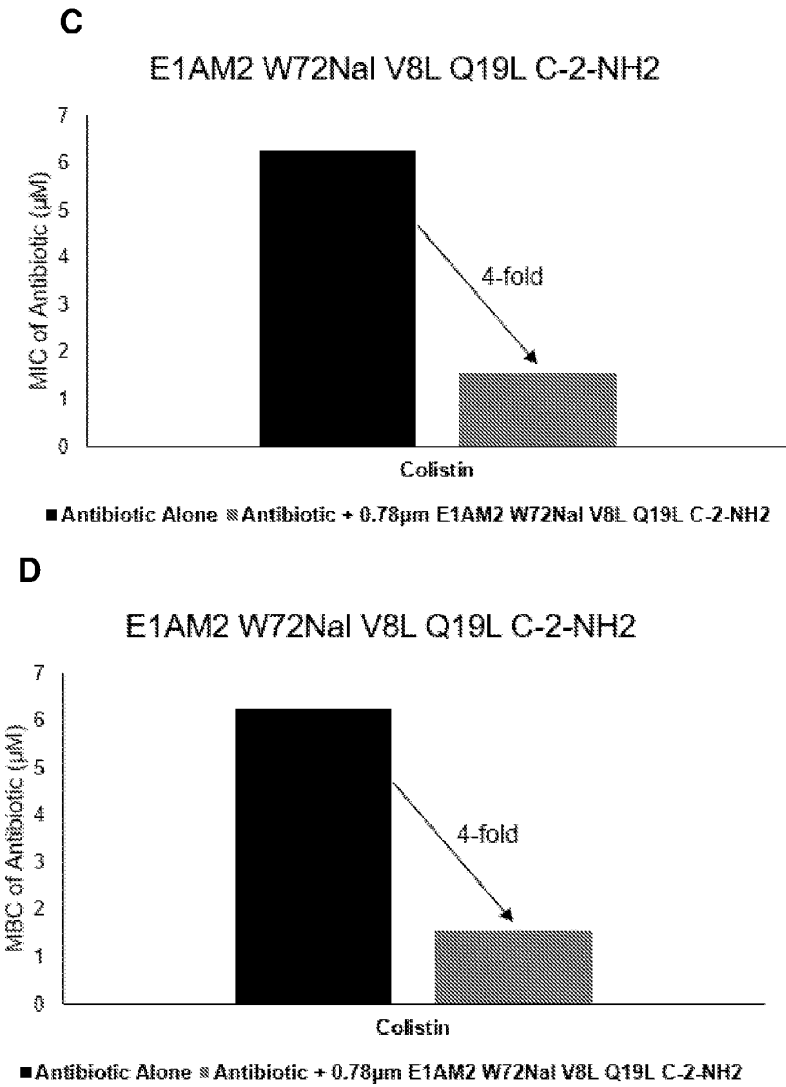


Figure 8





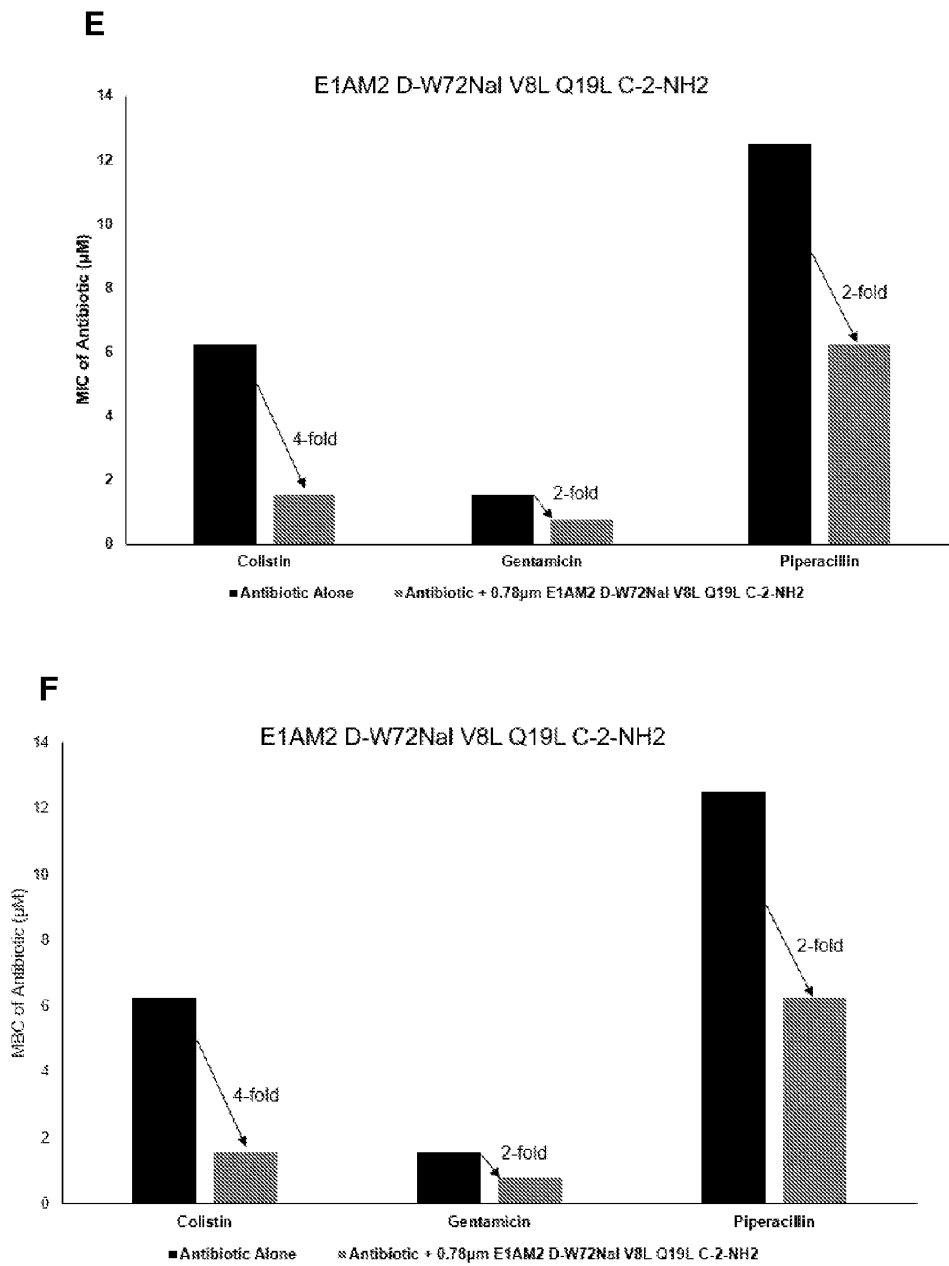


Figure 9

MBC Levels (μM)	PA ¹	SA	ST	EC	PA ²	PA ³	AB	KP
Pexiganan	6.25	25	12.5	6.25	6.25	3.12	1.56	1.56
V8LQ19L	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
Colistin	6.25	>200	3.12	12.5	6.25	3.12	6.25	3.12
Gentamicin	3.12	3.12	3.12	6.25	25	12.5	>100	3.12
Piperacillin	25	12.5	50	25	25	6.25	>100	>100
Ciprofloxacin	3.12	50	3.12	3.12	1.56	1.56	>100	>100
Cefepime	25	25	25	12.5	25	1.56	>100	>100

PA¹-Wound-infecting *Pseudomonas aeruginosa* (PA) ♦
SA- Methicillin resistant *Staphylococcus aureus* (MRSA) ♦
ST-MDR strain of *Salmonella typhimurium* ♦
EC-Pathogenic *E. coli* ♦
PA²- *Pseudomonas aeruginosa* causing lung infection ♦
PA³- *Pseudomonas aeruginosa* causing ear and eye infection ♦
AB-*Aeromonas baumannii* ♦
KP-*Klebsiella pneumonia* (Enterobacteriaceae) ♦
V8LQ19L
MBC-Minimal bacterial concertation (>99% killing)

Figure 10

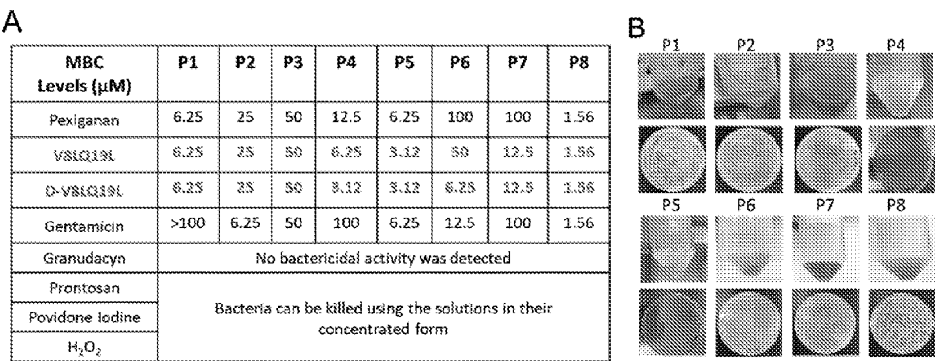
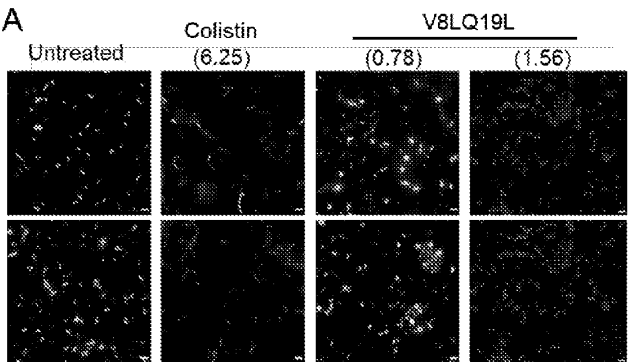


Figure 11



B

PA	PI-positive cells (%)
Untreated	10 ± 3.1
Colistin (6.25)	95 ± 2.5
V8LQ19L (0.78)	15 ± 5.9
V8LQ19L (1.56)	100

Figure 12

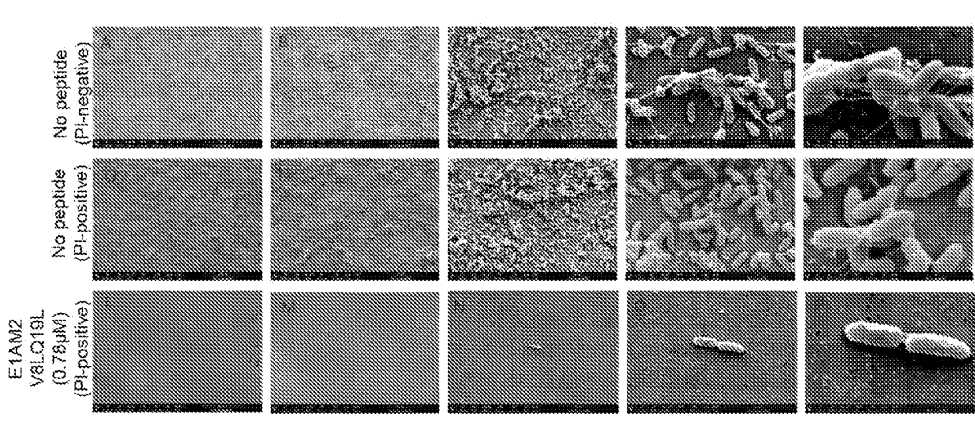
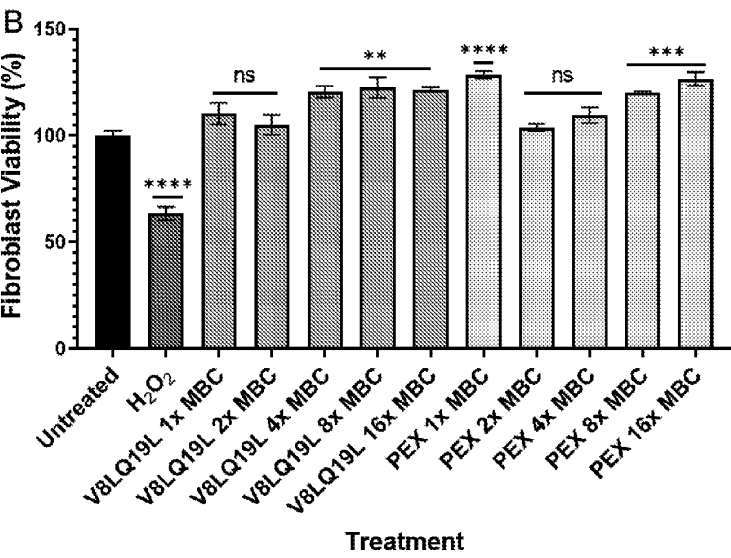
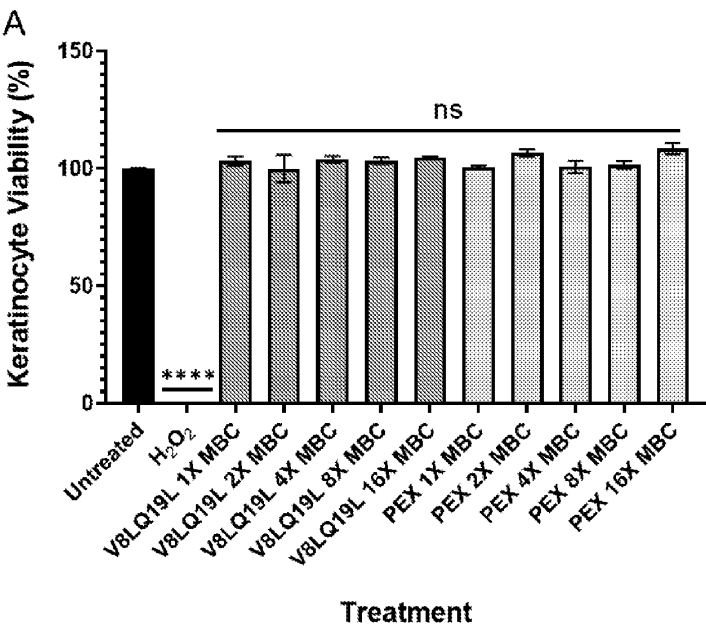


Figure 13



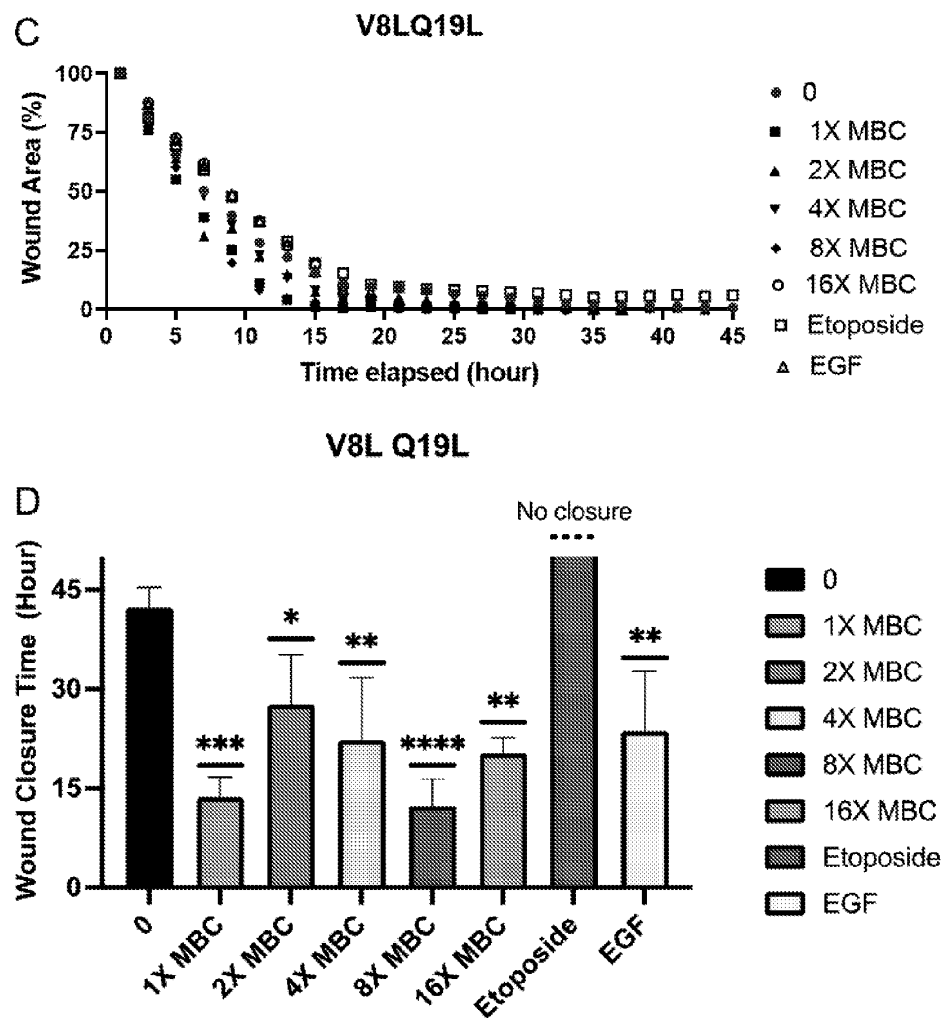
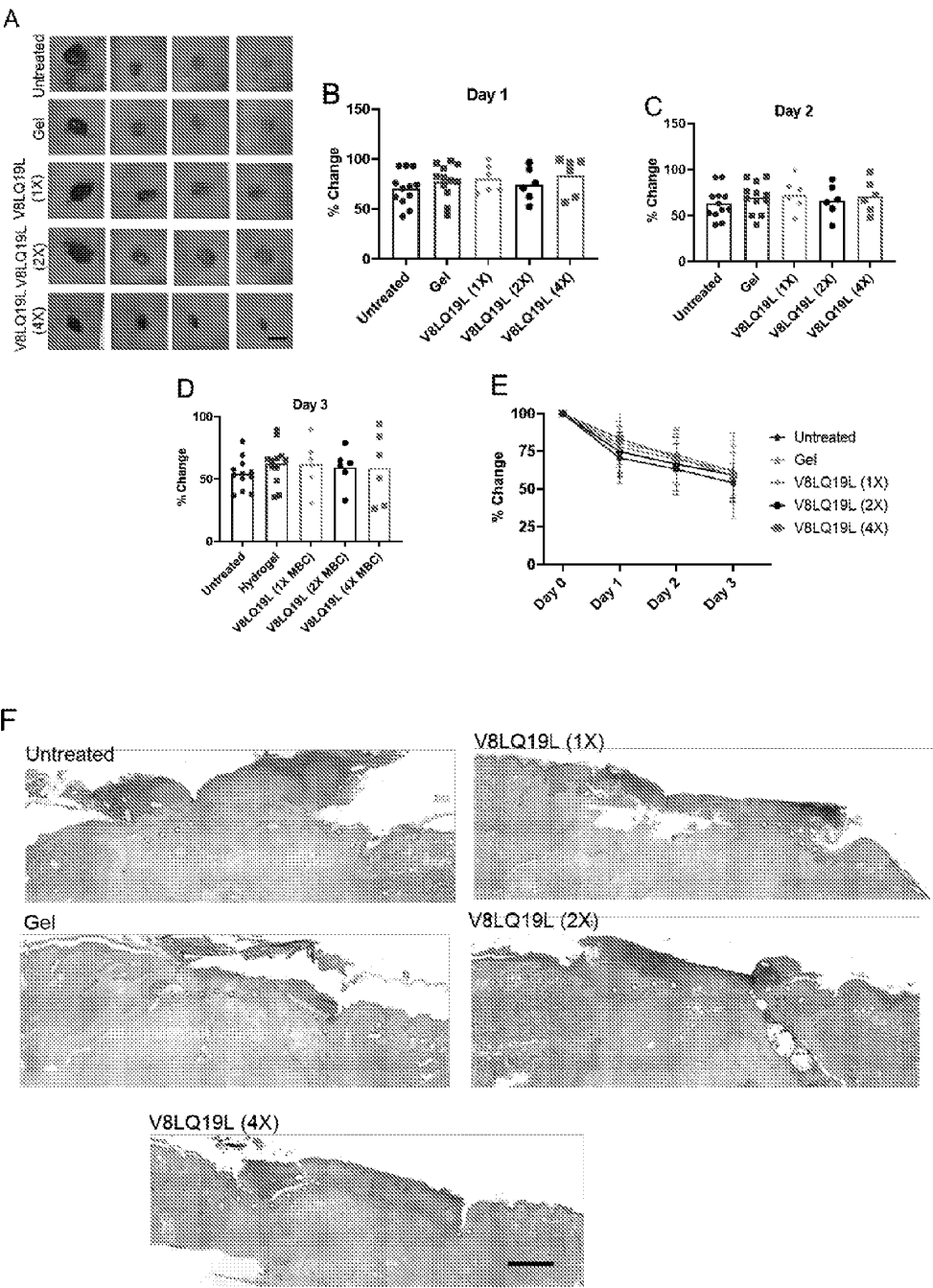
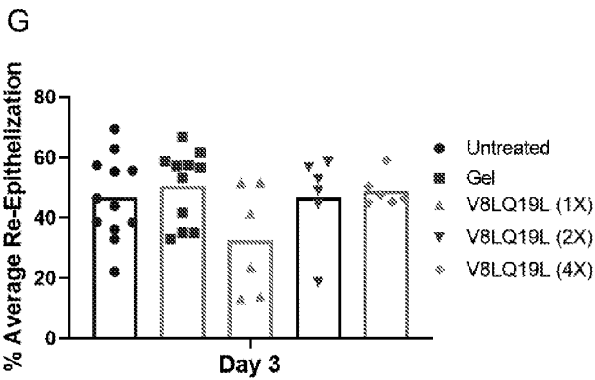


Figure 14





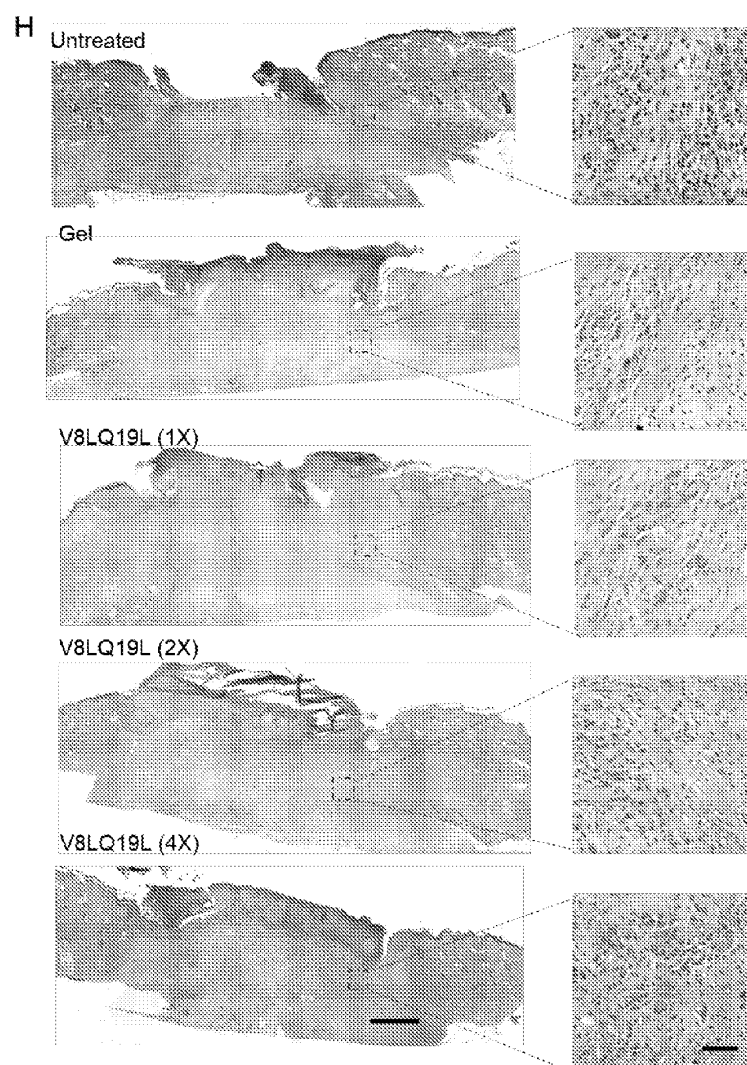


Figure 15

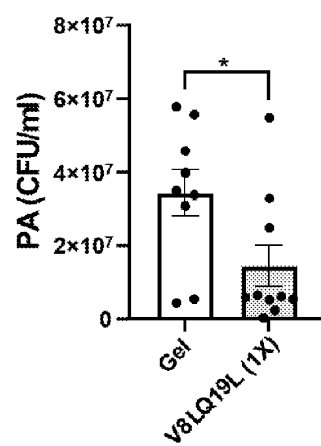


Figure 16