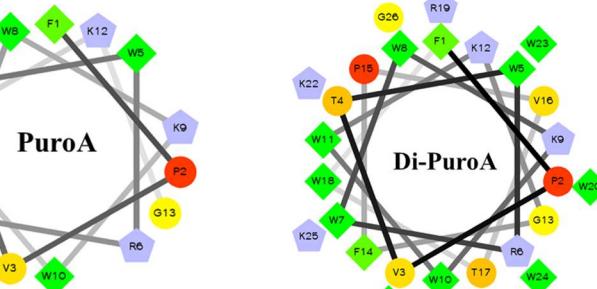
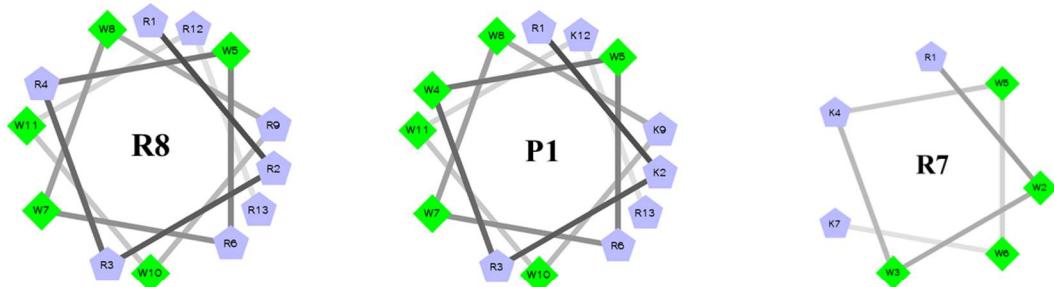


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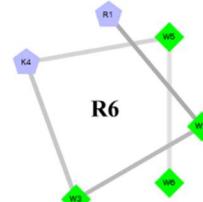
SUPPLEMENTARY DATA



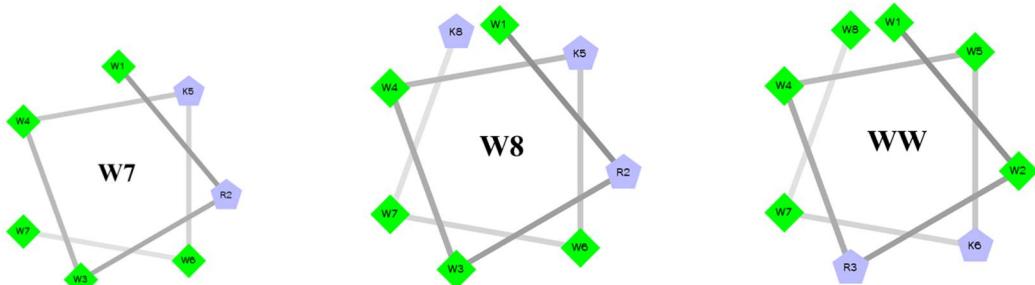
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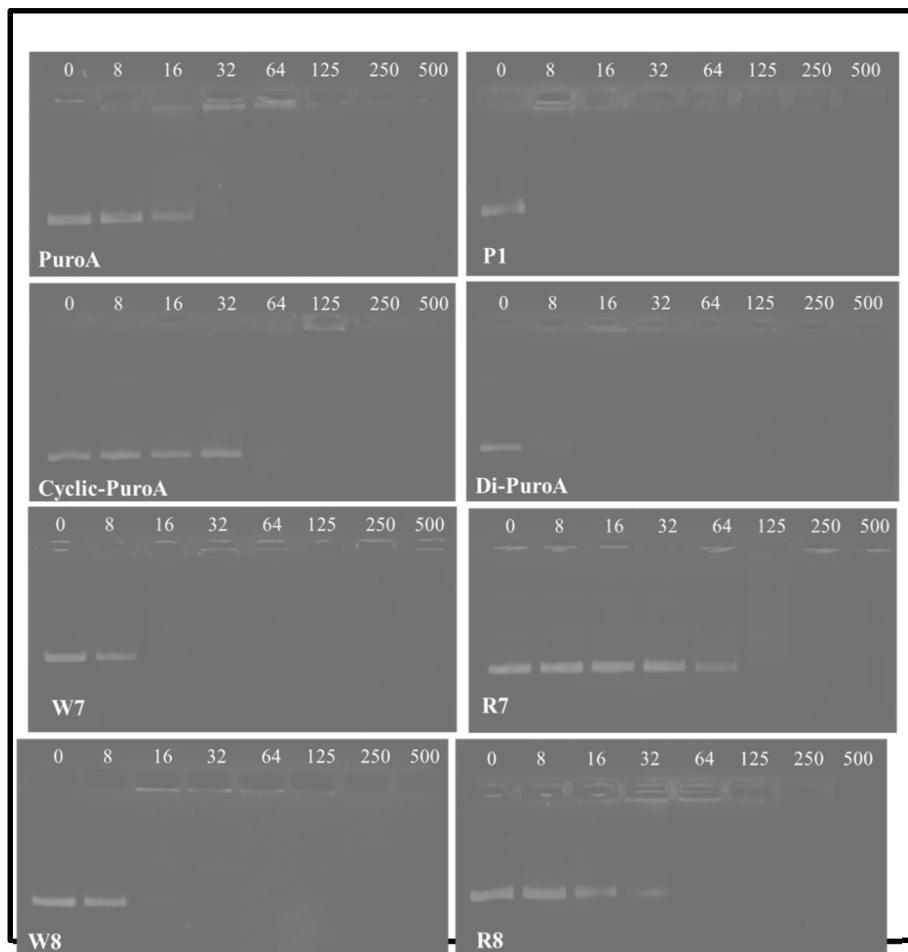
Figure S1. Helical wheel projections of peptides.

Residues in circles are hydrophilic, diamonds are hydrophobic, and pentagons are potentially positively charged residues. Green: most hydrophobic residues; yellow: residues with zero hydrophobicity; red: most hydrophilic (uncharged) residues; light blue: potentially charged residues

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16 **Figure S2. Plasmid DNA gel retardation by peptides.** 100 ng of purified pBluescript SK(+) plasmid
17 DNA was mixed with peptides to final concentrations of 0, 8, 16, 32, 64, 125, 250 and 500 μg/mL before
18 electrophoresis.

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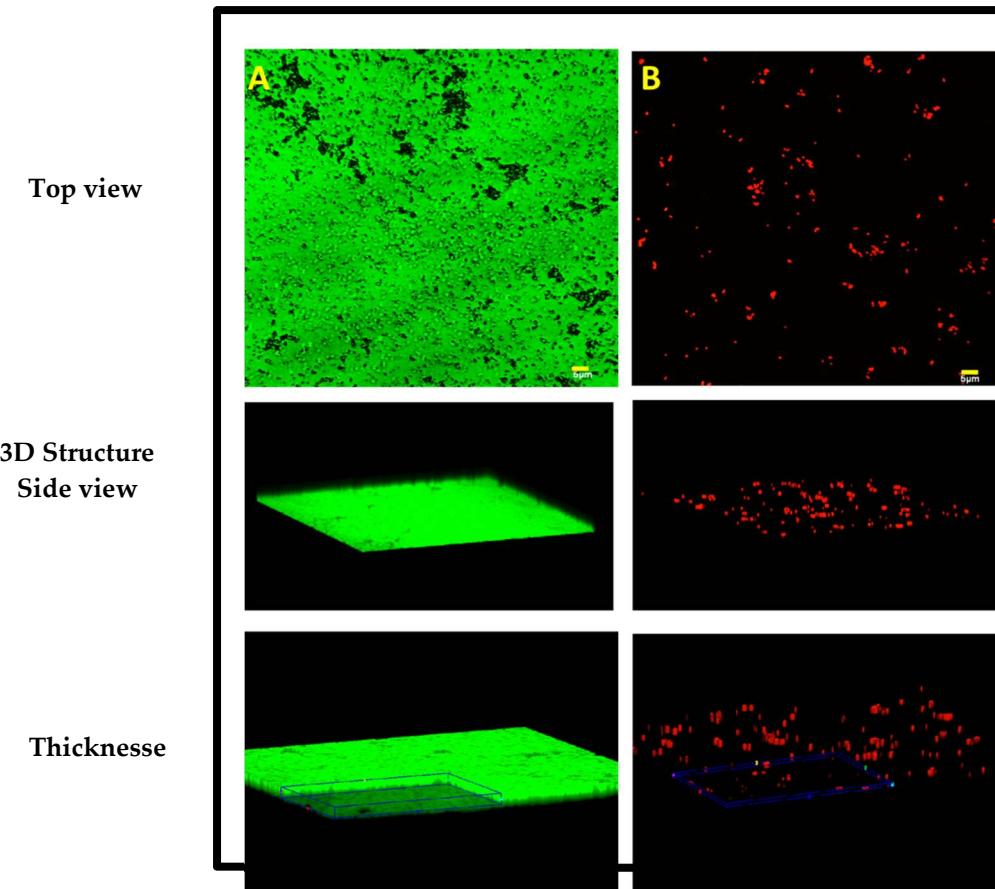


Figure S3. Effects of P1 on initial adhesion and biofilm formation of the clinical MRSA M173525 isolate. The biofilms were visualized by confocal laser scanning microscopy with the Live/Dead viability stain (SYTO9/PI); viable cells exhibit green fluorescence, whereas dead cells exhibit red fluorescence. **A:** no-peptide control; **B:** P1 (final concentration 16 µg/mL). Magnification 1,000×, scale bar 5 µm

Table S1

R6	32	16	64	32	250	250	>250	>250
R7	8	16	32	32	250	250	>250	>250
W7	4	8	4	8	4	8	4	8
dW7	8	8	8	8	8	8	8	8
W8	4	8	4	8	4	8	4	8
WW	8	8	8	8	8	8	8	8
dWW	8	8	8	8	8	8	8	8