

Electronic Supplementary Information

Novel biomimetic human TLR2-derived antimicrobial peptides for potential targeting of lipoteichoic acid: An *in silico* assessment.

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Interaction bonds between all biomimetic TLR2-derived peptides with LTA and Mean energy fluctuations (RMSF calculations) of each peptide over 500 ns

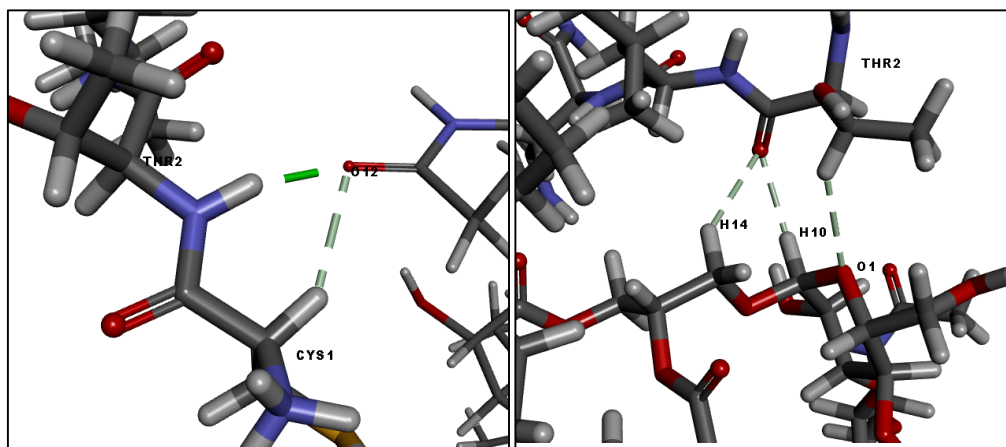


Figure S1. BTp 1 bound to LTA at 400 ns (left) and 500 ns (right).

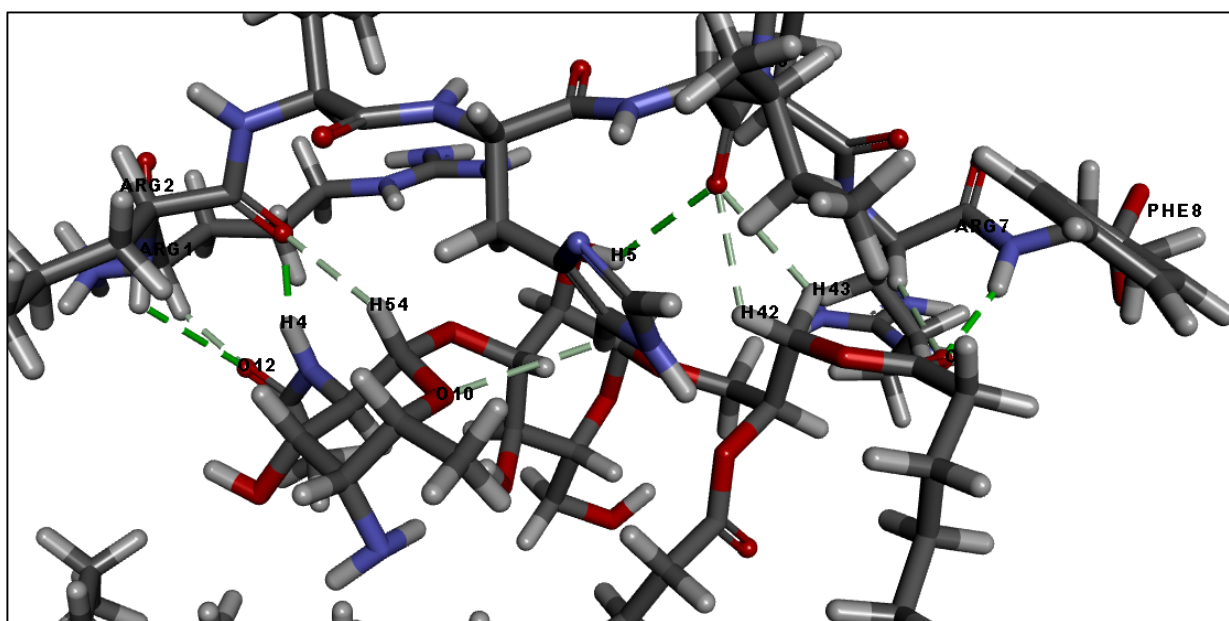


Figure S2. BTp 2 bound to LTA at 400 ns.

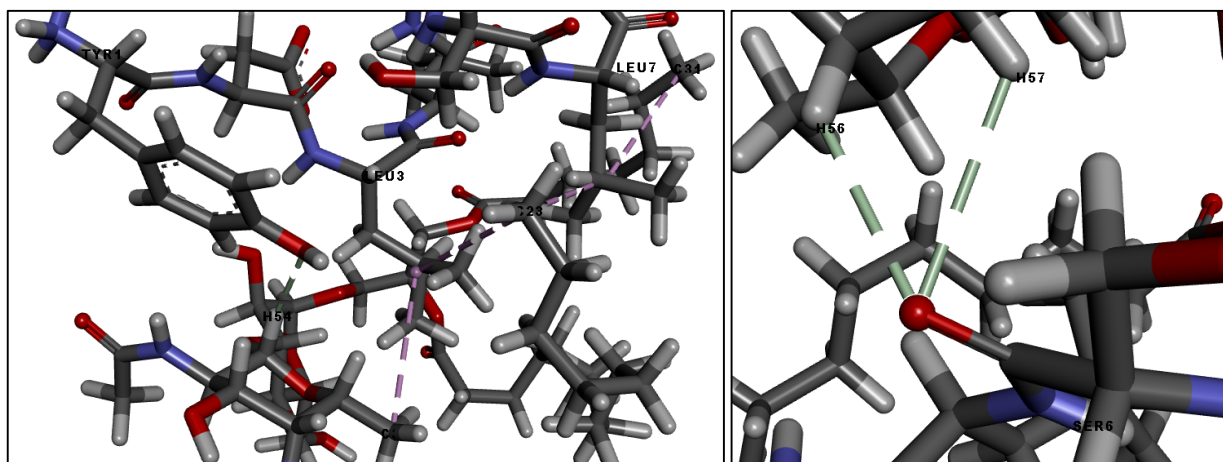


Figure S3. BTP 3 bound to LTA at 400ns (left) and 500 ns (right)

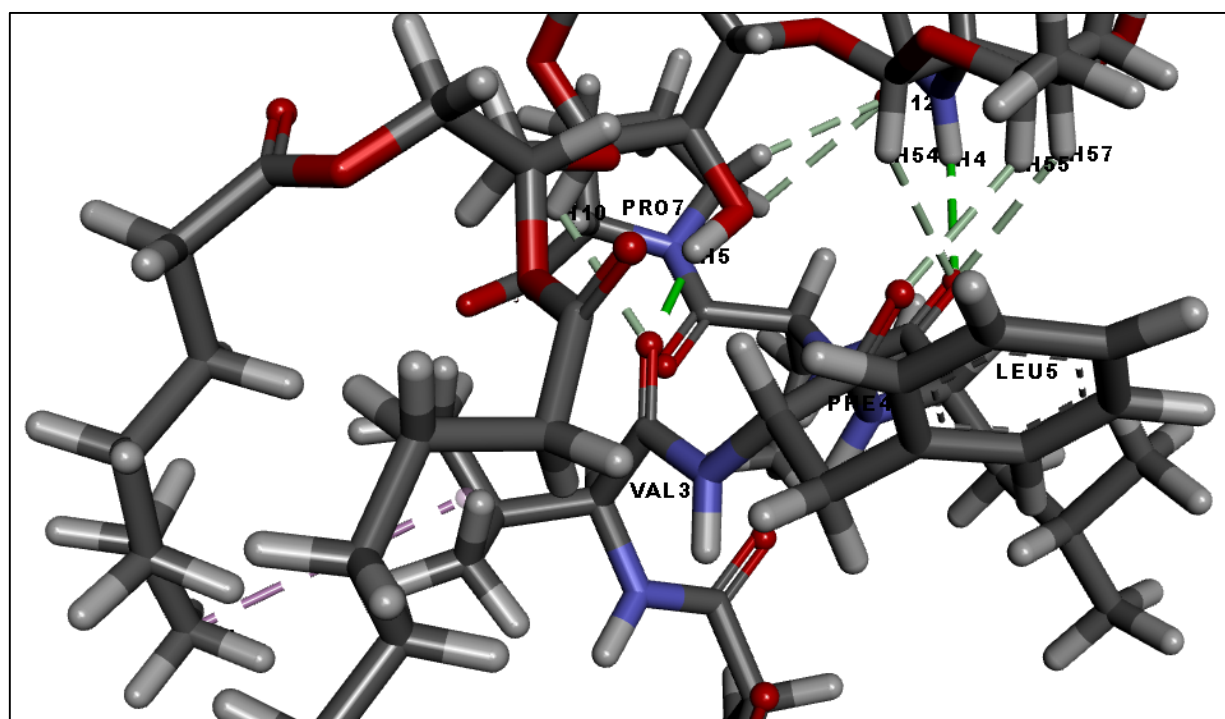


Figure S4. BTP 4 bound to LTA at 500 ns

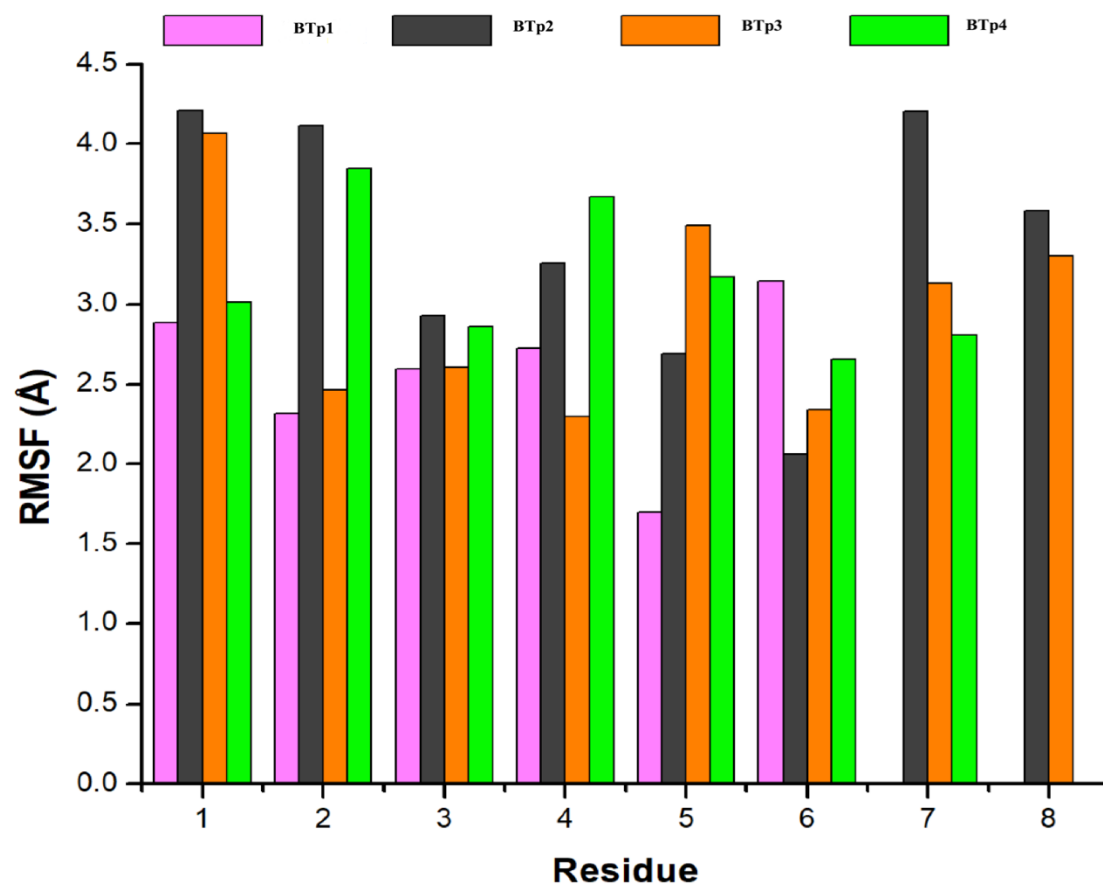


Figure S5. Mean energy fluctuations (RMSF calculations) of each peptide over 500 ns.