

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: **Antimicrobial activity network.** Peptides are nodes in the network and peptides separated by a single edit (single residue insertion, deletion or base change) are connected by an edge. Nodes are represented by red spheres, whose radius is proportional to the antimicrobial activity against *S. aureus* ($1/IC_{50}$).