Research article

Antimicrobial activity of bacteriophage derived triple fusion protein against *Staphylococcus aureus*

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1803 TCAACAATTCAATGATGATGAAACACGATGGATGTTTGGGTTAG  TF
TCAACTACATTAGATGAGTATGAAACAAGAACCGCTATGTTTGGGTTAG  TFnt
1856 GTTATACAGGGTTACAGTGGCAGGATTTACTTGCTGTAAGACATGGAAT  TF
GTTAGACAGGAAATTGCTGGCCAGGATATGTTCTGTTAGACCTGGAAC  TFnt
1909 AAGTCTCATACTCTGCTGCTGCTCTCGGGAACTATAAGCTAGACATCA  TF
AAATCTACAAATACATTAGGAGTTCTCTGGGGTACAATCAATCATCA  TFnt
1962 CCATCACCATCATCA  TF
CCATCACCATCATCA  TFnt

**Figure S1.** Plant-codon optimized sequence of TF gene. Upper line is sequence of original TF gene and lower line is codon-optimized sequence of TF gene (TFnt). Yellow boxes indicate modified sequences. Green box shows mutated restriction site that was present in original TF gene sequence and is absent in codon-optimized TFnt gene. Underline: start (ATG) and stop (TGA) codons. Italics: 6x His-tag

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