



**Figure S7.** Analysis of minimal inhibitory concentration (MIC) for the two peptides (Pep1- LVQIGTKIVGVGRNYAAH and Pep8- INIINAPLQGFKIA). Melittin was used as a positive control. The barplot shows optical density of *B. subtilis* and *E. coli* cultures after 24-h incubation with different peptide concentrations.