

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Proteomic analysis of T3 phage protein lysate spiked in human urine at a concentration of 2 ng/mL and 0.2 ng/mL. Peptides detected using affinity particle concentration and LC-MS/MS analysis are reported. 26 and 17 phage peptides were identified at 2 and 0.2 ng/mL spike ins, respectively. (Supplementary Data Tab 1)

File name: Supplementary Data 2

Description: Proteomic analysis of urine samples collected from UTI and non-UTI patients. This file contains data pertaining to bacteriophages. Patient identification codes are captured in the first lane of columns AK to BN. Samples F1-F10 = non-UTI, US, Samples F11, F15-F17, F21-F22, F26-F29 = non UTI, Country of Georgia, Samples F12-F14, F18-F20, F20-F25, F30 = UTI. (Supplementary Data Tab 2)

File name: Supplementary Data 3

Description: Proteomic analysis of urine samples collected from UTI and non-UTI patients. This file contains data pertaining to uropathogenic bacteria. Patient identification codes are captured in the first lane of columns BD to CG. Samples F1-F10 = non-UTI, US, Samples F11, F15-F17, F21-F22, F26-F29 = non UTI, Country of Georgia, Samples F12-F14, F18-F20, F20-F25, F30 = UTI. (Supplementary Data Tab 3)

File name: Supplementary Data 4

Description: Proteomic analysis of urine samples collected from UTI and non-UTI patients. This file contains data pertaining to Homo sapiens. Patient identification codes are captured in the first lane of columns BY to DB. Samples F1-F10 = non-UTI, US, Samples F11, F15-F17, F21-F22, F26-F29 = non UTI, Country of Georgia, Samples F12-F14, F18-F20, F20-F25, F30 = UTI. (Supplementary Data Tab 4)

File name: Supplementary Data 5

Description: Phage annotation predicted by Bacphlip. Name: Phage Organism ID, Virulent: Bacphlip score capturing the likelihood of the phage to be virulent, 0 being the lowest and 1 being the highest. Temperate: Bacphlip score capturing the likelihood of the phage to be virulent, 0 being the lowest and 1 being the highest lifestyle: assigned lifestyle based on the score; confidence: level of attribution confidence. (Supplementary Data Tab 5)

File name: Supplementary Data 6

Description: Results of the Limma analysis of phage protein abundance. Every lane is a protein. A three class limma test was conducted for each protein, and then post-hoc pairwise limma tests. P values and p values adjusted for multiple testing are reported. (Supplementary Data Tab 6)

File name: Supplementary Data 7

Description: Results of the Limma analysis of bacterial protein abundance. Every lane is a protein. A three class limma test was conducted for each protein, and then post-hoc pairwise limma tests. P values and p values adjusted for multiple testing are reported. (Supplementary Data Tab 7)

File name: Supplementary Data 8

Description: Plaque numbers supporting Figure 6B. (Supplementary Data Tab 8)

File name: Supplementary Data 9

Description: Relative expression values supporting Figure 6J. (Supplementary Data Tab 9)