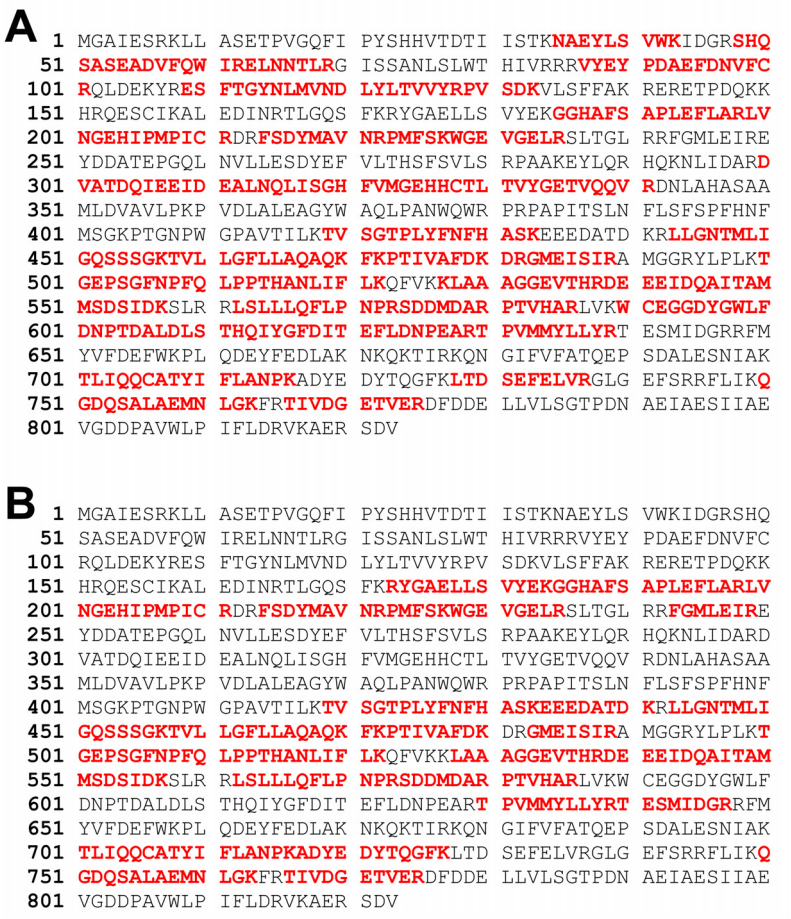
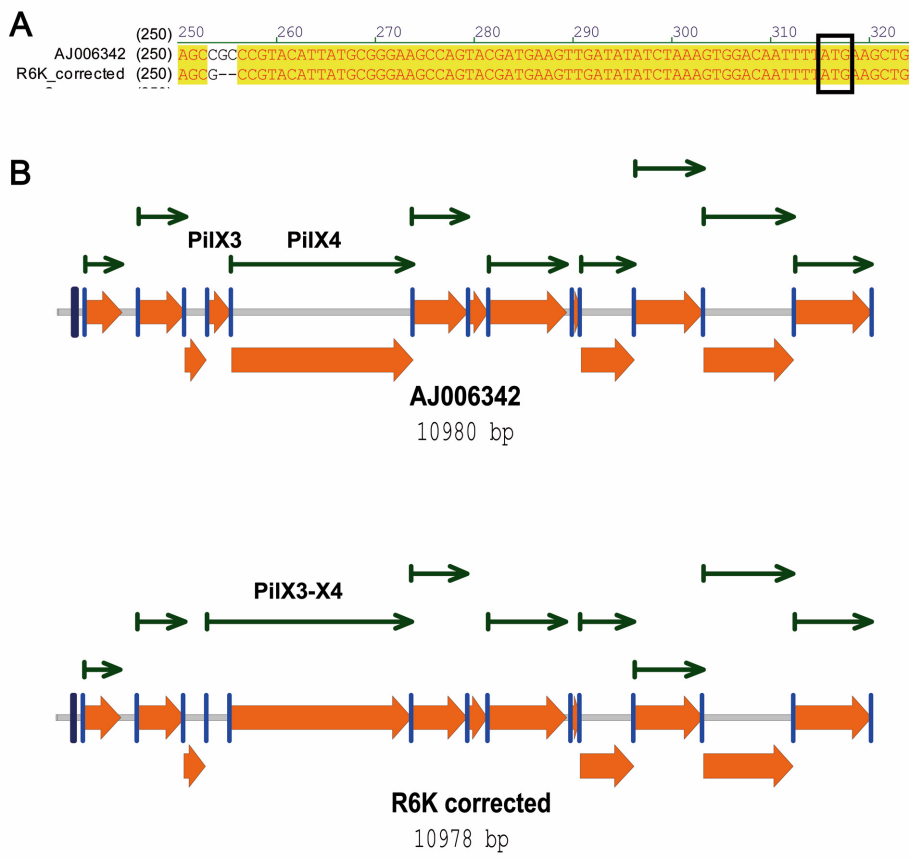
SUPLEMENTARY DATA

Suplementary Figure 1



Suplementary Figure 1. **Tandem Mass Spectrometry of TrwK**. Selected protein bands were excised manually from the gel and subjected to in-gel digestion with trypsin and analyzed by LC-MS/MS. Obtained spectra were processed using ProteinLynx Global Server and searched against NCBI databases using MASCOT search engine. Amino acid sequences of the bands with MW_{app} 94 kDa (Panel A) and MW_{app} of 80 kDa (Panel B) in the SDS-PAGE (Fig.1) were identified by peptide fragment fingerprinting as *E. coli* TrwK. Comparison of sequence coverage in Panels A and B shows that fragment B is missing peptides in its N-terminus, suggesting a cleavage site of the protein in aac. 173.

Supplementary Figure 2



Supplementary Figure 2. PilX3-PilX4 gene fusion in R6K. The intergenic region between PilX3 and PilX4 in R6K (accession number AJ006342) was sequenced. An error was found resulting in a bad annotation of the R6K genome *(Panel A)*. As a result two genes were annotated instead of only one (*Panel B*). The ATG codon (boxed in Panel A)) indicates the N-terminus of PilX4 in previous annotations.