



**Supplementary Figure 2:** clonal relations for all sequenced *E. coli* isolates from the WWTPs 1 (A), 2 (B), 3 (C) and 4 (D). Isolates are colored according to the sampling date and sampling site. Influent and effluent of consecutive days were taken at 24 h intervals. The four most common sequence types (STs;  $n > 10$ ) as well as WWTP specific STs are circled and labeled accordingly. Isolates with a single locus variance to one of these STs are marked with stars.