



Fig. S1 Average proportion of VAN- resistant bacteria (A) and vanA (B) in four sampling points during a whole year. PI, AS, SST and EFF represent raw sewage, activated sludge (after grit chamber), secondary sedimentation tank and effluent. No significant difference were detected of the average proportion of ARB or ARGs among the four sampling points. Similar result was also found on other ARB and corresponding ARGs.