Figure S1. Functional compositions of biofilm communities. The relative abundance of each functional gene group was expressed as the percentage of signal intensity to the total in both biofilm communities (sum of 24-C and 48-C). (**A**) antibiotic resistance; (**B**) metal resistance; (**C**) stress-related; (**D**) virulence-related; (**E**) energy process; (**F**) carbon cycling; (**G**) nitrogen cycling; (**H**) phosphorus cycling; (**I**) sulphur utilization; (**J**) organic remediation; (**K**) phage related.