

1 **Effects of zinc orthophosphate on the antibiotic resistant**  
2 **bacterial community of a source water used for drinking**  
3 **water treatment**

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15 Supplemental

16 Table S1: Primer Sets for qPCR

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18 Table S1: Table S1: Primer Sets for qPCR

Gene	Primer ID	Primers	Annealing	Reference
16S rRNA	16S-F	5'- CCT ACG GGA GGC AGC AG	60°C	1
	16S-R	5'- ATT ACC GCG GCT GCT GG		
<i>intl1</i>	intl1-F	5'- CCT CCC GCA CGA TGA TC	60°C	1
	intl1-R	5'- TCC ACG CAT CGT CAG GC		
<i>sul1</i>	sul1-F	5'- CCG TTG GCC TTC CTG TAA AG	60°C	2
	sul1-R	5'- TTG CCG ATC GCG TGA AGT		
<i>sul2</i>	sul2-F	5'- TCC GAT GGA GGC CGG TAT CTG G	60°C	3
	sul2-R	5'- CGG GAA TGC CAT CTG CCT TGA G		
<i>mexB</i>	mexB-F	5'- GTG TTC GGC TCG CAG TAC TC	60°C	1
	mexB-R	5'- AAC CGT CGG GAT TGA CCT TG		
<i>acrA</i>	acrA62-F	5'- GGT CTA TCA CCC TAC GCG CTA TC	60°C	4
	acrA62-R	5'- GCG CGC ACG AAC ATA CC		
<i>acrB</i>	acrB9-F	5'- AGT CGG TGT TCG CCG TTA AC	60°C	4
	acrB9-R	5'- CAA GGA AAC GAA CGC AAT ACC		
<i>qacH</i>	qacH351-F	5'- GTC GGT GTT GCT TAT GCA GTC T	60°C	4
	qacH351-R	5'- CAA CCA GGC AAT GGC TGT AA		
<i>zntA</i>	zntA-F	5'- GGT CGG GTC TGG CAT TGA AG	62°C	5
	zntA-R	5'- TTG CAG CAT CGG CGC GCA GGG TA		
<i>czcD</i>	czcD-F	5'- TCA TCG CCG GTG CGA TCA TCA T	55°C	6
	czcD-R	5'- TGT CAT TCA CGA CAT GAA CC		

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