

Table S12

ID	Indian WWTP Downstream 1	Indian WWTP Downstream 2	Indian WWTP Downstream 3	Indian WWTP Discharge site	Indian WWT Upstream 1	Indian WWTP Upstream 2	Swedish WWTP Downstream	Swedish WWTP Upstream	Total	Gene	Resistance
ARGENE000142	1119	490	489	129	9	12	0	0	2248	sul2	Sulfonamide
ARGENE000144	185	66	78	8	3	7	0	0	347	aph6id	Streptomycin
ARGENE000034	139	47	58	9	0	3	0	0	256	aph33ib	Streptomycin
ARGENE000272	15	3	8	12	24	12	6	25	105	Baca	Bacitracin
ARGENE200007	1	1	0	1	44	1	0	0	48	qnrD	Fluoroquinolone
ARGENE200006	0	0	1	0	21	13	0	0	35	qnrVC	Fluoroquinolone
ARGENE000026	1	0	1	3	3	5	0	0	13	bl1_cmy2	Beta-lactam class C
ARGENE000107	0	0	0	1	3	9	0	0	13	bl2_ges	Beta-lactam class A
ARGENE200008	0	0	0	2	5	6	0	0	13	qnrS	Fluoroquinolone
ARGENE000244	0	0	0	2	5	3	0	0	10	ant3ia	Aminoglycosides
ARGENE000043	7	0	1	0	0	1	0	0	9	dfra15	Trimethoprim
ARGENE000141	0	2	2	2	0	0	0	0	6	sul1	Sulfonamide
ARGENE000134	0	0	0	0	0	0	0	6	6	aac3iia	Aminoglycosides
ARGENE000220	2	0	0	0	4	0	0	0	6	tsnr	Thiostrepton
ARGENE000171	0	0	1	1	0	1	0	0	3	aac6ib	Aminoglycosides
ARGENE000321	1	0	0	0	0	2	0	0	3	acrb	Multidrug efflux pump
ARGENE000376	1	0	0	0	0	1	0	0	2	tetc	Tetracycline
ARGENE000164	0	1	0	0	1	0	0	0	2	bl3_shw	Beta-lactam class B
ARGENE000375	0	0	0	0	2	0	0	0	2	teta	Tetracycline
ARGENE000343	0	0	0	0	1	1	0	0	2	ceob	Chloramphenicol
ARGENE000276	0	0	0	1	0	0	0	0	1	ermf	Macrolide
ARGENE000274	0	0	1	0	0	0	0	0	1	ermc	Macrolide
ARGENE000266	1	0	0	0	0	0	0	0	1	mexb	Multidrug efflux pump
ARGENE000259	0	0	0	1	0	0	0	0	1	mexw	Multidrug efflux pump
ARGENE000252	1	0	0	0	0	0	0	0	1	mpha	Macrolide
ARGENE000185	0	0	0	1	0	0	0	0	1	bl2c_pse1	Beta-lactam class A
ARGENE000166	0	1	0	0	0	0	0	0	1	ant2ia	Aminoglycosides
ARGENE000153	0	1	0	0	0	0	0	0	1	bl2d_lcr1	Beta-lactam class D
ARGENE000081	0	1	0	0	0	0	0	0	1	bl2d_oxa2	Beta-lactamase class D
ARGENE000361	0	0	0	0	0	1	0	0	1	tetq	Tetracycline
ARGENE000339	0	0	0	0	1	0	0	0	1	arna	Polymyxin
ARGENE000316	0	0	0	0	1	0	0	0	1	macb	Macrolide

ARGENE000262	0	0	0	0	1	0	0	0	1	mexi	Multidrug efflux pump
ARGENE000187	0	0	0	0	0	1	0	0	1	erea	Macrolide
ARGENE000182	0	0	0	0	0	1	0	0	1	bl1_sm	Beta-lactamase class C
ARGENE000158	0	0	0	0	0	1	0	0	1	dfrb1	Trimethoprim
ARGENE000115	0	0	0	0	0	1	0	0	1	catb3	Chloramphenicol
Total	1473	613	640	172	128	79	6	31	3146		