

**Table S4. Antibiotic resistance profiles of strain RM4018 and selected Campylobacters.**

Antibiotic	Class <sup>a</sup>	Conc. (mg/L)	<i>Ab</i>	<i>Cj</i>	<i>Cc</i>	<i>Cl</i>	<i>Cu</i>
Novobiocin	AC	30	R	S	S	R	R
Amikacin	AG	30	S	S	I	S	S
Gentamicin	AG	10	S	S	S	S	S
Kanamycin	AG	30	S	S	R	S	S
Neomycin	AG	30	S	S	R	S	S
Netilmicin	AG	30	S	S	S	S	S
Streptomycin	AG	300	S	S	S	S	S
Tobramycin	AG	10	S	S	S	S	S
Cefaclor	C	30	R	S	S	S	S
Cefamandole	C	30	R	R	R	R	S
Cefazolin	C	30	R	R	R	R	S
Cefepime	C	30	R	S	S	S	S
Cefixime	C	5	R	R	R	R	S
Cefmetazole	C	30	R	R	R	I	S
Cefonicid	C	30	R	R	R	R	S
Cefoperazone	C	75	R	R	R	I	S
Cefotaxime	C	30	R	S	S	I	ND
Cefotetan	C	30	R	R	R	I	S
Cefoxitin	C	30	R	R	R	I	S
Cefpodoxime	C	10	R	R	R	R	S
Cefprozil	C	30	R	R	R	R	S
Ceftazidime	C	30	S	S	R	I	S
Ceftibuten	C	30	R	I	R	I	S
Ceftizoxime	C	30	I	S	S	S	S
Ceftriaxone	C	30	R	I	S	R	S
Cefuroxime	C	30	R	R	R	R	S
Cephalothin	C	30	R	R	R	R	S
Moxalactam	C	30	R	R	R	S	S
Loracarbef	CC	30	R	S	S	S	S
Imipenem	CP	10	S	S	S	S	S
Spectinomycin	CYC	100	I	S	S	S	S
Vancomycin	GP	30	R	R	R	R	R
Azithromycin	M	15	I	S	R	S	S
Clindamycin	M	2	R	S	R	S	S
Erythromycin	M	15	I	S	R	S	S
Tilmicosin	M	15	R	S	R	S	S
Aztreonam	MB	30	R	R	R	R	S
Amdinocillin	P	10	R	S	S	S	S
Ampicillin	P	10	R	S	S	I	S
Carbenicillin	P	100	R	S	S	I	S
Cloxacillin	P	1	R	R	R	R	R
Mezlocillin	P	75	R	R	S	I	S
Nafcillin	P	1	R	R	R	R	R
Oxacillin	P	1	R	R	R	R	R
Penicillin	P	10	R	R	I	R	S
Piperacillin	P	100	R	S	S	R	S
Ticarcillin	P	75	R	S	S	I	S

Cinoxacin	Q	100	I	S	S	R	S
Ciprofloxacin	Q	5	S	S	S	I	S
Enoxacin	Q	10	S	S	S	R	S
Enrofloxacin	Q	5	S	S	S	I	S
Lomefloxacin	Q	10	S	S	S	R	S
Nalidixic acid	Q	30	R	S	S	R	R
Norfloxacin	Q	10	S	S	S	R	S
Ofloxacin	Q	5	S	S	S	R	S
Oxolinic acid	Q	2	R	S	S	R	I
Sparfloxacin	Q	5	S	S	S	R	S
Rifampin	R	5	R	R	R	S	R
Sulfisoxazole	S	0.25	R	S	R	S	S
Triple Sulfa	S	1	R	S	R	S	R
Minocycline	T	30	S	S	R	S	S
Oxytetracycline	T	30	S	S	R	S	R
Tetracycline	T	30	S	S	R	S	I
Chloramphenicol	N	30	R	S	S	S	S
Trimethoprim	N	5	R	R	R	R	R

Strains tested represent five sequenced *Campylobacteraceae* genomes: *Ab*, *A. butzleri* RM4018; *Cj*, *Campylobacter jejuni* NCTC 11168; *Cc*, *Campylobacter coli* RM2228; *Cl*, *Campylobacter lari* RM2100; *Cu*, *Campylobacter upsaliensis* RM3195. Antibiotic resistance data for the *Campylobacter* species is in part from Fouts et al.(Fouts et al., *PLoS Biol* 2005, **3**(1):e15). R: resistant phenotype; S: susceptible phenotype; I: intermediate resistance/susceptibility. ND: not determined.

**a.** AC: aminocoumarin; AG: aminoglycoside; C:  $\beta$ -lactam cephalosporin; CC:  $\beta$ -lactam carbacephem; CP: carbopenem; CYC: aminocyclitol; GP: glycopeptide; M: macrolide; MB:  $\beta$ -lactam monobactam; P:  $\beta$ -lactam penicillin; Q: quinolone; R: rifampin; S: sulfonamide; T: tetracycline; N: not assigned.