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

| Antibiotic     | Class<sup>a</sup> | Conc. (mg/L) | Ab | Cj | Cc | Cl | Cu |
|----------------|-------------------|--------------|----|----|----|----|----|
| 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  |
| Ceftriaxone    | C                 | 30           | R  | I  | S  | S  | S  |
| Cefuroxime     | C                 | 30           | R  | I  | S  | 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  |
| Antibiotic          | Grade | Susceptibility |
|---------------------|-------|----------------|
| 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 Sulfur       | 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. (*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: β-lactam cephalosporin; CC: β-lactam carbacephem; CP: carbopenem; CYC: aminocyclitol; GP: glycopeptide; M: macrolide; MB: β-lactam monobactam; P: β-lactam penicillin; Q: quinolone; R: rifampin; S: sulfonamide; T: tetracycline; N: not assigned.