Frequent Implication of Multistress-Tolerant Campylobacter jejuni in Human Infections

Technical Appendix

Technical Appendix Table. Stress tolerance of clinical strains of Campylobacter jejuni*

| | | | Heat, 72°C | | NaCl | | No. stresses | | |
|----------------|-----------|-------------|------------|-----------|-----------|-----------|---------------|---------------|-----------|
| Characteristic | PAA | Freeze-thaw | 15 s | 30 s | 2% | 4% | <u>></u> 2 | <u>></u> 3 | 4 |
| HAT, n = 65 | 59 (90.8) | 61 (93.8) | 60 (92.3) | 56 (86.2) | 35 953.8) | 29 (44.6) | 61 (93.8) | 56 (86.2) | 23 (35.4) |
| AT, n = 46 | 39 (84.8) | 42 (91.3) | 41 (89.1) | 36 (78.3) | 17 (37.0) | 14 (30.4) | 41 (89.1) | 36 (78.3) | 11 (23.9) |
| OS, n = 10 | 1 (10.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 2 (20.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |

*Values are no. (%). Percentages were calculated on the basis of the total number of stains in each aerotolerance group. Strains tolerant to 72°C for 30 s were considered heat tolerant, and those tolerant to 4% NaCl were considered osmotolerant. AT, aerotolerant; HAT, hyperaerotolerant; OS, oxygen sensitive; PAA, peracetic acid.



Technical Appendix Figure. Stress conditions encountered by *Camplylobacter jejuni* in the food chain or environment before human exposure.