**Supplementary Table S1. Bacterial genera isolated (n=1,237) from all farmed salmonid species in British Columbia, Canada, by the Animal Health Centre from 2007 to 2018 and tested for antimicrobial susceptibility.**

| Bacterial genera | Total isolates | Atlantic salmon *n* (%) | Pacific salmon *n* (%) | Rainbow trout *n* (%) | Other species* *n* (%) |
|---|---|---|---|---|---|
| *Aeromonas* | 246 | 206 (83.7) | 15 (6.1) | 20 (8.1) | 5 (2.0) |
| *Vibrio* | 227 | 172 (75.8) | 45 (19.8) | 0 (0.0) | 10 (4.4) |
| *Aliivibrio* | 195 | 186 (95.4) | 8 (4.1) | 0 (0.0) | 1 (0.5) |
| *Photobacterium* | 117 | 108 (92.3) | 5 (4.3) | 0 (0.0) | 4 (3.4) |
| *Yersinia* | 82 | 79 (96.3) | 1 (1.2) | 2 (2.4) | 0 (0.0) |
| *Pseudomonas* | 78 | 53 (67.9) | 8 (10.3) | 12 (15.4) | 5 (6.4) |
| *Pseudoalteromonas* | 46 | 44 (95.7) | 2 (4.3) | 0 (0.0) | 0 (0.0) |
| *Psychrobacter* | 46 | 41 (89.1) | 4 (8.7) | 0 (0.0) | 1 (2.2) |
| *Serratia* | 34 | 32 (94.1) | 1 (2.9) | 1 (2.9) | 0 (0.0) |
| *Carnobacterium* | 25 | 20 (80) | 0 (0) | 5 (20.0) | 0 (0) |
| *Shewanella* | 24 | 23 (95.8) | 0 (0) | 0 (0) | 1 (4.2) |
| *Arthrobacter* | 11 | 8 (72.7) | 0 (0) | 3 (27.3) | 0 (0) |
| *Brochothrix* | 10 | 8 (80.0) | 0 (0) | 2 (20) | 0 (0) |
| *Moritella* | 9 | 9 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Acinetobacter* | 5 | 4 (80.0) | 1 (20.0) | 0 (0) | 0 (0) |
| *Chryseobacterium* | 4 | 1 (25.0) | 0 (0) | 2 (50.0) | 1 (25.0) |
| *Flavobacterium* | 4 | 2 (50.0) | 0 (0) | 2 (50.0) | 0 (0) |
| *Iodobacter* | 4 | 0 (0) | 0 (0) | 4 (100) | 0 (0) |
| *Lactococcus* | 4 | 1 (25.0) | 0 (0) | 3 (75.0) | 0 (0) |
| *Staphylococcus* | 4 | 2 (50.0) | 0 (0) | 2 (50.0) | 0 (0) |
| *Edwardsiella* | 3 | 0 (0) | 0 (0) | 3 (100) | 0 (0) |
| *Hafnia* | 3 | 2 (66.7) | 0 (0) | 1 (33.3) | 0 (0) |
| *Providencia* | 3 | 2 (66.7) | 1 (33.3) | 0 (0) | 0 (0) |

| **Bacterial genera** | **Total isolates** | **Atlantic salmon** | **Pacific salmon** | **Rainbow trout** | **Other species*** |
|---|---|---|---|---|---|
| | | ***n* (%)** | ***n* (%)** | ***n* (%)** | ***n* (%)** |
| *Bacillus* | 2 | 2 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Enterococcus* | 2 | 2 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Idobacter* | 2 | 2 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Microbacterium* | 2 | 2 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Rhodococcus* | 2 | 2 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Aerococcus* | 1 | 0 (0) | 1 (100) | 0 (0) | 0 (0) |
| *Citrobacter* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Enterobacter* | 1 | 0 (0) | 0 (0) | 1 (100) | 0 (0) |
| *Erwinia* | 1 | 0 (0) | 1 (100) | 0 (0) | 0 (0) |
| *Exiguobacterium* | 1 | 0 (0) | 1 (100) | 0 (0) | 0 (0) |
| *Kluyvera* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Macrococcus* | 1 | 0 (0) | 0 (0) | 0 (0) | 1 (100) |
| *Micrococcus* | 1 | 0 (0) | 1 (100) | 0 (0) | 0 (0) |
| *Morganella* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Pantoea* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Plesiomonas* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Proteus* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| *Raoultella* | 1 | 0 (0) | 0 (0) | 1 (100) | 0 (0) |
| *Sphingobacterium* | 1 | 0 (0) | 0 (0) | 1 (100) | 0 (0) |
| *Stenotrophomonas* | 1 | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| Unidentified genera | 28 | 22 (78.6) | 0 (0) | 6 (21.4) | 0 (0) |
| **Total**** | **1,237** | **1,042 (84.2)** | **95 (7.7)** | **71 (5.7)** | **29 (2.3)** |

n = number. % = percentage of isolates for the bacterial genus by fish species. * Other species: Sablefish, Tilapia, and White Sturgeon.

** Total includes two isolates for which susceptibility data were not reported.

**Supplementary Table S2. Numbers of bacterial isolates by year from all farmed salmonid species in British Columbia, Canada, by the Animal Health Centre from 2007 to 2018.**

| Year | Frequency | Percent |
|---|---|---|
| 2007 | 45 | 3.64 |
| 2008 | 49 | 3.96 |
| 2009 | 74 | 5.98 |
| 2010 | 98 | 7.92 |
| 2011 | 73 | 5.9 |
| 2012 | 120 | 9.7 |
| 2013 | 118 | 9.54 |
| 2014 | 127 | 10.27 |
| 2015 | 109 | 8.81 |
| 2016 | 121 | 9.78 |
| 2017 | 164 | 13.26 |
| 2018 | 139 | 11.24 |
| **Total** | **1,237** | |