

Table S1. Results of the screening of bacterial strains for susceptibility to antibiotics. For each assayed antibiotic, sensitive bacteria are scored as 0, resistant ones as 1.

| | | Susceptibility to: | | | | |
|---------------|---------|--------------------|-------------|------------|--------------|--------------|
| | Station | Ampicillin | Clindamycin | Gentamycin | Tetracycline | Enrofloxacin |
| Northern area | | | | | | |
| Krossfjorden | KR2 | 0 | 0 | 0 | 1 | 1 |
| | KR2 | 0 | 0 | 0 | 0 | 1 |
| | KR2 | 0 | 0 | 0 | 0 | 1 |
| | KR2 | 0 | 0 | 0 | 0 | 1 |
| | KR2 | 0 | 0 | 0 | 0 | 1 |
| | KR3 | 0 | 0 | 0 | 0 | 1 |
| | KR3 | 0 | 0 | 0 | 1 | 1 |
| | KR3 | 0 | 0 | 0 | 1 | 1 |
| | KR3 | 0 | 0 | 0 | 0 | 1 |
| Total | n=9 | 0 | 0 | 0 | 3 | 9 |
| Kongsfjorden | | | | | | |
| | KO3 | 0 | 0 | 0 | 0 | 1 |
| | KO3 | 0 | 0 | 0 | 0 | 1 |
| | KO3 | 0 | 0 | 0 | 0 | 1 |
| | KO2 | 0 | 0 | 0 | 0 | 1 |
| | KO2 | 0 | 0 | 0 | 0 | 1 |
| | KO2 | 0 | 0 | 0 | 0 | 1 |
| | KO2 | 0 | 0 | 0 | 0 | 1 |
| | KO2 | 0 | 0 | 0 | 0 | 1 |
| | KO2 | 0 | 0 | 0 | 0 | 1 |
| | KO1 | 0 | 0 | 0 | 0 | 1 |
| | KO1 | 0 | 0 | 0 | 1 | 1 |
| | KO1 | 0 | 0 | 0 | 1 | 1 |
| | KO1 | 0 | 0 | 0 | 1 | 1 |
| Total | n=12 | 0 | 0 | 0 | 3 | 12 |
| Northern area | | | | | | |
| | n=21 | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 6 (28.60%) | 21 (100.00%) |

| | | | Susceptibility to: | | | |
|----------------|---------|------------|--------------------|------------|--------------|--------------|
| | Station | Ampicillin | Clindamycin | Gentamycin | Tetracycline | Enrofloxacin |
| Central area | | | | | | |
| Dicksonfjorden | D1 | 0 | 0 | 0 | 1 | 1 |
| | D1 | 0 | 0 | 0 | 0 | 1 |
| | D1 | 0 | 0 | 0 | 1 | 1 |
| | D1 | 0 | 0 | 0 | 1 | 1 |
| | D1 | 0 | 0 | 0 | 1 | 1 |
| Total | n=5 | 0 | 0 | 0 | 4 | 5 |
| Nordfjorden | | | | | | |
| Nordfjorden | N1 | 0 | 0 | 0 | 0 | 1 |
| | N1 | 0 | 0 | 0 | 0 | 1 |
| | N1 | 0 | 0 | 0 | 0 | 1 |
| Total | n=3 | 0 | 0 | 0 | 0 | 3 |
| Billefjorden | | | | | | |
| Billefjorden | B1 | 0 | 0 | 0 | 0 | 1 |
| | B1 | 0 | 0 | 0 | 1 | 1 |
| | B1 | 0 | 0 | 0 | 0 | 1 |
| Total | n=3 | 0 | 0 | 0 | 1 | 3 |
| Sassenfjorden | | | | | | |
| Sassenfjorden | S1 | 0 | 0 | 0 | 0 | 1 |
| | S1 | 0 | 0 | 0 | 1 | 1 |
| | S1 | 0 | 0 | 0 | 0 | 1 |
| | S1 | 0 | 0 | 0 | 1 | 1 |
| | S1 | 0 | 0 | 0 | 1 | 1 |
| Total | n=5 | 0 | 0 | 0 | 3 | 5 |
| Isfjorden | | | | | | |
| Isfjorden | IS3 | 0 | 0 | 0 | 0 | 1 |
| | IS3 | 0 | 0 | 0 | 0 | 1 |
| | IS3 | 0 | 0 | 0 | 0 | 1 |
| | IS3 | 0 | 0 | 0 | 1 | 1 |
| | IS2 | 0 | 0 | 0 | 1 | 1 |
| | IS2 | 0 | 0 | 0 | 1 | 1 |
| | IS2 | 0 | 0 | 0 | 1 | 1 |
| | IS2 | 0 | 0 | 0 | 0 | 1 |
| | IS1 | 0 | 0 | 0 | 0 | 1 |
| | IS1 | 0 | 0 | 0 | 0 | 1 |
| | IS1 | 0 | 0 | 0 | 0 | 1 |
| | IS1 | 0 | 0 | 0 | 0 | 1 |
| Total | n=12 | 0 | 0 | 0 | 4 | 12 |
| Advemtfjorden | | | | | | |
| Advemtfjorden | A1 | 0 | 0 | 0 | 1 | 1 |
| | A1 | 0 | 0 | 0 | 1 | 1 |
| | A1 | 0 | 0 | 0 | 1 | 1 |
| Total | n=3 | 0 | 0 | 0 | 3 | 3 |
| Grønfjorden | | | | | | |
| Grønfjorden | G1 | 0 | 0 | 0 | 0 | 1 |
| | G1 | 0 | 0 | 0 | 0 | 1 |
| | G1 | 0 | 0 | 0 | 1 | 1 |
| Total | n=3 | 0 | 0 | 0 | 1 | 3 |
| Central area | n=34 | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 16 (47.06%) | 34 (100.00%) |

| | | Susceptibility to: | | | | |
|---------------|---------|--------------------|-------------|------------|--------------|--------------|
| | Station | Ampicillin | Clindamycin | Gentamycin | Tetracycline | Enrofloxacin |
| Southern area | | | | | | |
| Hornsund | H1 | 0 | 0 | 0 | 0 | 1 |
| | H1 | 0 | 0 | 0 | 0 | 1 |
| | H1 | 0 | 0 | 0 | 0 | 1 |
| | H1 | 1 | 1 | 1 | 1 | 1 |
| | H1 | 0 | 0 | 0 | 0 | 1 |
| | H2 | 0 | 0 | 0 | 0 | 1 |
| | H2 | 0 | 0 | 0 | 0 | 1 |
| | H3 | 0 | 0 | 0 | 0 | 1 |
| | H3 | 0 | 0 | 0 | 1 | 1 |
| | H3 | 0 | 0 | 0 | 1 | 1 |
| | H3 | 0 | 0 | 0 | 1 | 1 |
| Southern area | n=11 | 1 (0.09%) | 1 (0.09%) | 1 (0.09%) | 4 (36.40%) | 11 (100%) |