Table S1.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sampling  stages |  | Total count | Other ncRNAs (%) | Mapped to miRNA with 0 mismatch (%) | Mapped to miRNA with 1 mismatch (%) | Mapped to Atlantic cod genome  (%) |
|  | Groups |  |  |  |  |  |
| Stage 0 | Start of feeding | 3680224 | 53690 (1.5) | 1573340 (42.8) | 289916  (7.9) | 2840380 (77.2) |
| Stgae 1 | Reference | 5440634 | 55749  (1) | 2537446 (46.6) | 382029  (7) | 3990549 (73.4) |
| Aquaculture | 4208604 | 75343 (1.8) | 675185  (16) | 100042  (2.4) | 1634088 (38.8) |
| Stage 2 | Reference | 34096951 | 932327 (2.7) | 7787603 (22.8) | 666758  (2) | 21951706 (64.4) |
| Aquaculture | 42473220 | 1007503 (2.4) | 5003009 (11.8) | 491928  (1.2) | 21014388 (49.5) |
| Stage 3 | Reference | 2762921 | 28078  (1) | 1184570 (42.9) | 154945  (5.6) | 1832330 (66.3) |
| Aquaculture | 1720015 | 26336 (1.5) | 566007  (32.9) | 77352  (4.5) | 1107189 (64.4) |
| Stage 4 | Reference | 5591464 | 112950 (2) | 1473418 (26.4) | 180082  (3.2) | 3169054 (56.7) |
| Aquaculture | 4669930 | 107782 (2.3) | 1452901 (31.1) | 209547  (4.5) | 2949262 (63.2) |
| Stage 5 | Reference | 2165238 | 23554  (1) | 1187501 (54.8) | 165823  (7.7) | 1724275 (79.6) |
| Aquaculture | 5662851 | 61576 (1.1) | 2275793 (40.2) | 324262  (5.7) | 3713311  (65.6) |
|  | Live feeds | | | | | |
|  | Rotifer | 53683991 |  | 77476  (0.14) | 159742  (0.3) |  |
|  | Zooplankton | 10756928 |  | 704716  (6.6) | 370285  (3.4) |  |
|  | *Artemia* | 32245495 |  | 3636523 (11.3) | 551834  (1.7) |  |