**S3 Table. Distribution of different parasitic phyla within gills mucus, intestine and skin mucus.** Each line represents the proportion of reads of the parasitic phyla in each tissue in relationto the number of total eukaryotic reads obtained for this taxa. The largest percentage for each phylum is in bold.

|  |  |
| --- | --- |
|  | Location (%) |
|  | Gills mucus | Skin mucus | Intestine |
| Ascomycota | 34.5 | **65.5** | 0 |
| Arthropoda, Copepoda | 15.3 | **82.1** | 2.7 |
| Cnidaria | 2.3 | **93.9** | 3.7 |
| Nematoda | 2.7 | 11.5 | **85.7** |
| Platyhelminthes, Monogenea | **62.9** | 37.1 | 0 |
| Platyhelminthes, Digenea | **90.9** | 2.4 | 6.6 |
| Apicomplexa | 3.6 | 18.6 | **77.8** |
| Ciliophora | **98.7** | 1.3 | 0 |
| Dinoflagellata | 7.9 | **91.6** | 0.4 |