**Table S4:** Comparison of genome assembly statistics with the two reference version assemblies from the European lineage of Atlantic salmon.

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | European Old1 | European New2 | North American3 |
| Number of scaffolds | 839,389 | 4,222 | 1,755 |
| Total length (Mb) | 3,412 | 2,756 | 2,829 |
| Scaffold N50 (Kb) | 592 | 28,058 | 16,202 |
| Scaffold L50 | 594 | 33 | 42 |
| Contig N50 (Kb) | 36 | N/A | 4,207 |
| Contig L50 | 14,749 | N/A | 150 |
| No. of Chromosomes | 29 | 29 | 27 |
| BUSCO **4** | 97.9% | 99.3% | 96.2% |

1 NCBI Genbank accession GCA\_000233375.4.

2 NCBI Genbank accession GCA\_905237065.2.

3NCBI Genbank accession GCA\_021399835.1.

4 BUSCO: Benchmarking Universal Single-Copy Orthologs. Showing the percent of complete protein-coding genes detected (using actinopterygii\_odb9 or \_odb10 as the lineage dataset).