|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S1:** Sequencing data report | | | | | | | |
| **PycoQC sequencing report** | | | | | | | |
| **Run** | **Reads** | | **Pass reads** | **Bases** | **N50 length** | | **Med Read Quality** |
| Run1 | 1.057.010 | | 572.635 | 233.406.176 | 477 | | 8,15 |
| Run2 | 3.687.103 | | 2.513.372 | 1.100.488.945 | 434 | | 8,76 |
| Run3 | 4.077.332 | | 2.781.903 | 1.220.612.486 | 444 | | 8,99 |
| Total | 8.821.445 | | 5.867.910 | 2.554.507.607 |  | |  |
| **Classification report by treatment** | | | | | | | |
|  | | **Pass Porechop** | | **Pass NanoCLUST** | | **Pass NanoCLUST classification** | |
| Mock | | 723.496 | | 13.162 | | 11.527 | |
| FW | | 406.455 | | 5.139 | | 4.920 | |
| 10 PSU-GSC | | 198.492 | | 38.488 | | 30.835 | |
| 20 PSU-GSC | | 150.384 | | 49.368 | | 35.524 | |
| 32 PSU-GSC | | 393.174 | | 8.163 | | 5.594 | |
| 32 PSU-FD | | 553.295 | | 2.180 | | 2.051 | |
| 32 PSUSS | | 285.080 | | 3.047 | | 2.709 | |
| Total | | 2.710.376 | | 119.547 | | 93.160 | |