Supplementary Table1: Statistics of raw and trimmed data

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Index | Sample ID | Total read bases, Gbp | Total reads | GC (%) | Q20 (%)\* | Q30 (%)\*\* | Type of Data |
| 1 | C | 7.25 | 71,767,210 | 48.16 | 98.96 | 96.57 | Raw |
| 2 | M60 | 7.45 | 73,739,760 | 49.48 | 99.11 | 97.07 |
| 3 | M120 | 7.27 | 72,022,378 | 49.40 | 98.94 | 96.56 |
| 1 | C | 7.17 | 71,198,294 | 48.15 | 99.25 | 96.99 | Trimmed |
| 2 | M60 | 7.37 | 73,253,150 | 49.48 | 99.37 | 97.43 |
| 3 | M120 | 7.19 | 71,442,812 | 49.40 | 99.23 | 96.98 |

\*Q20 (%): Ratio of bases that have phred quality score greater than or equal to 20

\*\*Q30 (%): Ratio of bases that have phred quality score greater than or equal to 30