**Table S2.** Sequencing output statistics for each sample under low-temperature stress.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample** | **Raw Reads** | **Clean Reads** | **Clean Base (G)** | **Error Rate (%)** | **Q20 (%)** | **Q30 (%)** | **GC Content (%)** |
| TCon1 | 46393886 | 43958558 | 6.59 | 0.03 | 96.83 | 92.25 | 37.17 |
| TCon2 | 52394710 | 49724804 | 7.46 | 0.03 | 97.27 | 92.83 | 36.13 |
| TCon3 | 44325550 | 41858116 | 6.28 | 0.03 | 96.55 | 92.12 | 37.81 |
| TLS1 | 49845138 | 47199806 | 7.08 | 0.03 | 97.54 | 93.48 | 37.74 |
| TLS2 | 46282250 | 44350618 | 6.65 | 0.03 | 97.07 | 92.57 | 37.33 |
| TLS3 | 46652426 | 43473796 | 6.52 | 0.02 | 98.41 | 95.06 | 44.46 |
| TLT1 | 48166152 | 45327102 | 6.8 | 0.02 | 98.33 | 94.87 | 43.68 |
| TLT2 | 45976588 | 43050014 | 6.46 | 0.02 | 98.33 | 94.83 | 43.22 |
| TLT3 | 46355636 | 43817386 | 6.57 | 0.02 | 98.3 | 94.79 | 43.15 |