

**Supplementary Table S1.** Sample Sorting and Data Alignment Statistics

| Sample | RawReads(M) | RawBases(G) | CleanReads(M) | CleanBases(G) | ValidBases(%) | Q30(%) | GC(%) |
|--------|-------------|-------------|---------------|---------------|---------------|--------|-------|
| CK-1   | 23.94       | 6.99        | 22.87         | 6.68          | 95.5          | 96.42  | 54.54 |
| CK-2   | 23.36       | 6.81        | 22.11         | 6.44          | 94.64         | 95.81  | 54.95 |
| CK-3   | 24.2        | 7           | 22.79         | 6.59          | 94.17         | 95.98  | 54.81 |
| D-1    | 25.38       | 7.39        | 24.18         | 7.04          | 95.27         | 96.14  | 53.41 |
| D-2    | 25.13       | 7.3         | 23.85         | 6.93          | 94.92         | 96.21  | 53.23 |
| D-3    | 23.36       | 6.79        | 22.09         | 6.42          | 94.55         | 96.03  | 53.34 |

Note: "CK" represents control group samples, and "D" represents drought-treated group samples.