**Table S2.** Data summary of RNA-seq for YD588, Yannong 21 (YN21) and their derived resistant and susceptible bulks obtained from 40 homozygous resistant and 40 homozygous susceptible F2:3 families, respectively.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Samples | Total base pairs | Clean reads  | GC content of clean reads (%)  | Clean reads Q30 (%) | Genome map rate (%) |
| YD588 | 13,352,701,160 | 44,657,220  | 56.12 | 94.89 | 86.28 |
| YN21 | 10,434,996,726 | 34,873,857 | 52.49 | 94.87 | 61.88 |
| Resistance bulk | 28,599,294,802 | 95,638,544 | 55.80 | 94.84 | 86.43 |
| Susceptible bulk | 24,871,361,832 | 83,147,454 | 55.88 | 95.01 | 81.34 |