

Supplementary Information

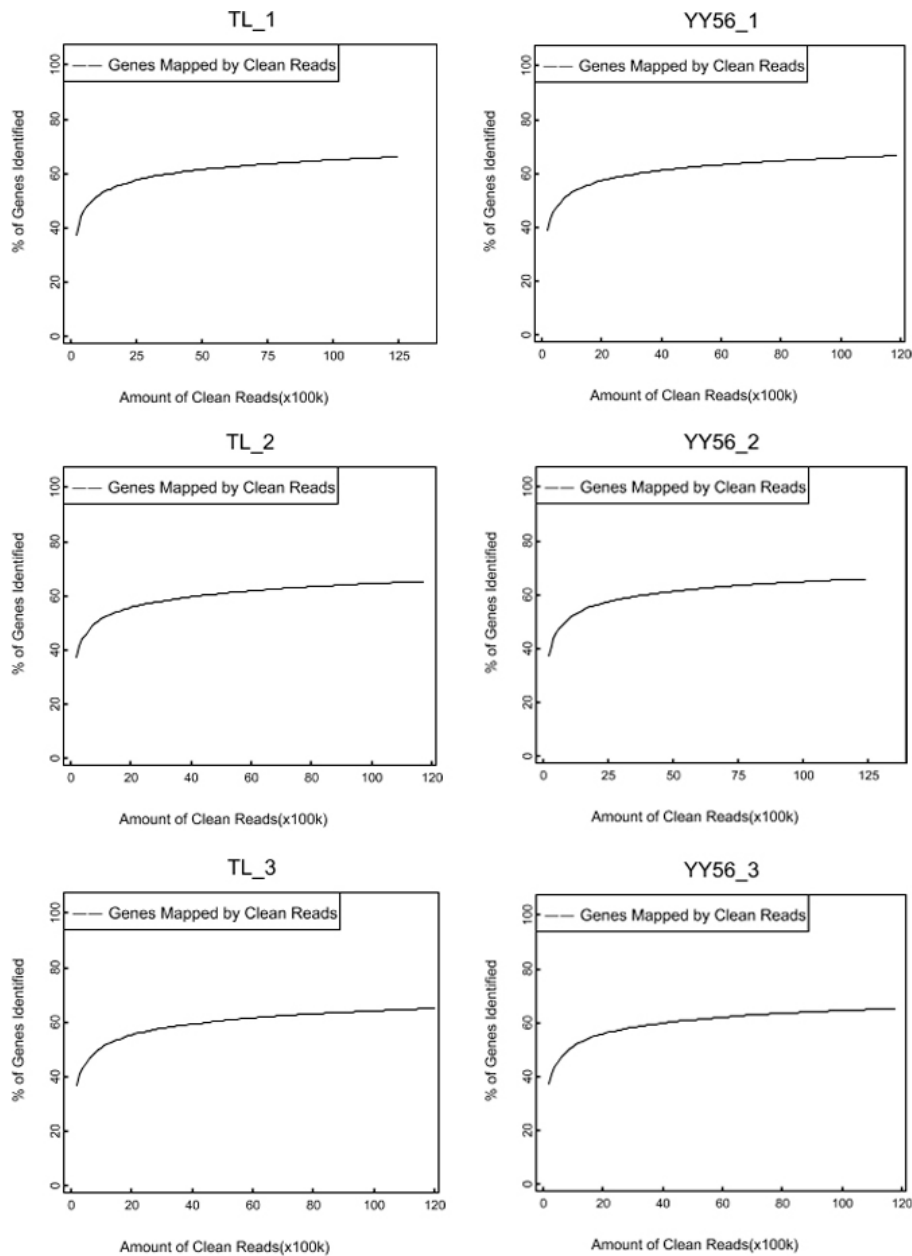


Figure S1. Sequencing saturation for all of the diploid (TL-1, -2, and -3) and autotetraploid (YY56-1, -2, and -3) samples. Each graph shows the genes mapped by clean reads.

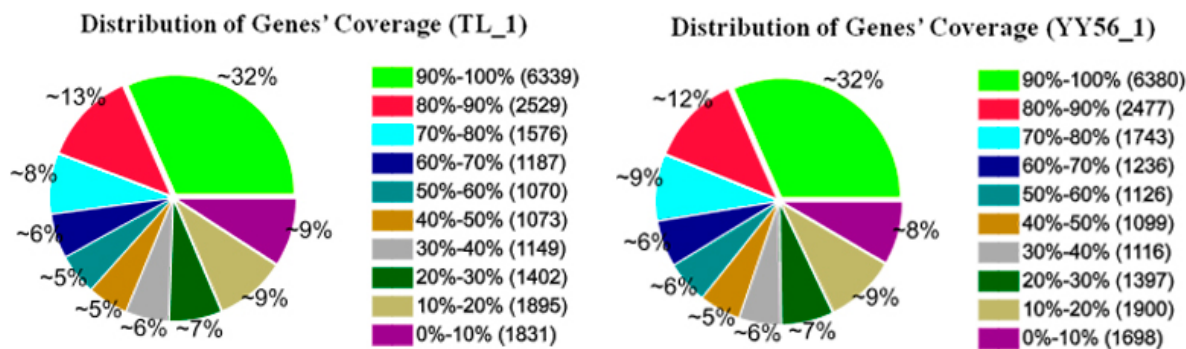


Figure S2. *Cont.*

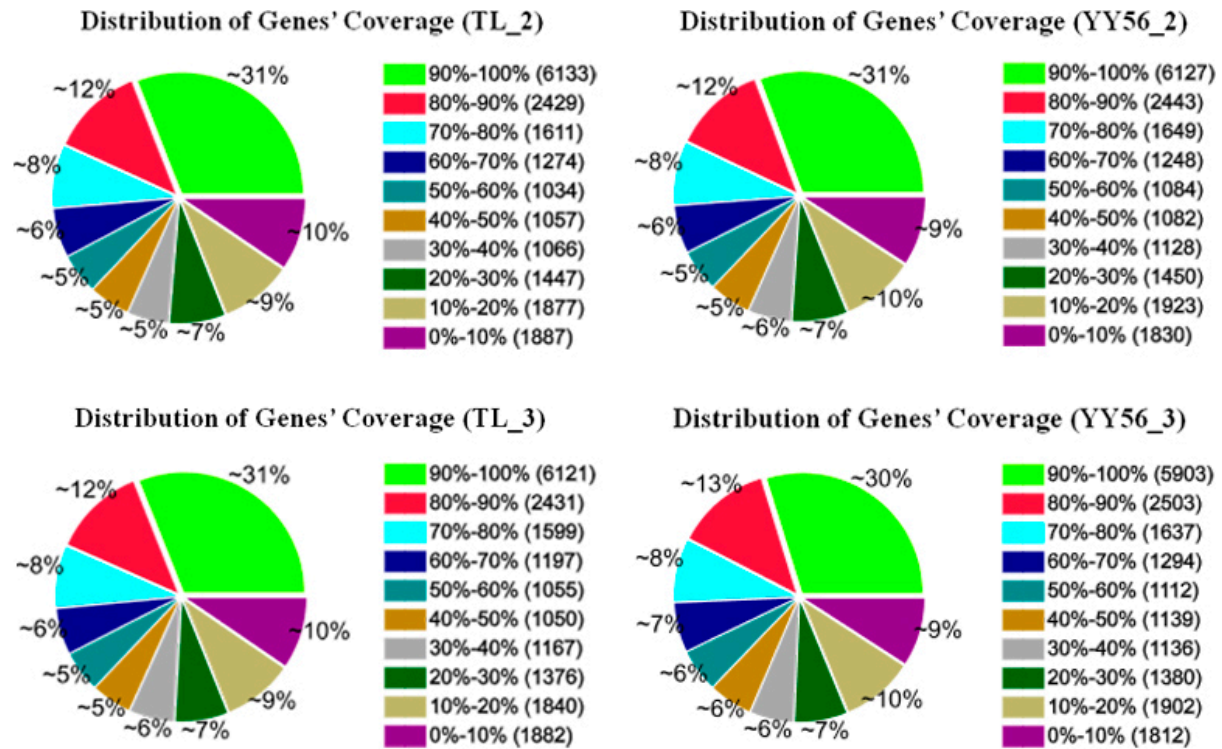


Figure S2. Distribution of gene coverage for the clean reads from all of the diploid (TL-1, -2, and -3) and autotetraploid (YY56-1, -2, and -3) samples.

Table S3. Primers used for qPCR.

Gene ID	Gene Annotation	Primer Sequence (5'–3')
Morus007429	Photosystem I reaction center subunit XI	F: CAATCAACGGCGATCCCTTC R: CCTGAGGAGTGGGCTGACTGC
Morus023580	Monothiol glutaredoxin	F: GGCGGTGTTTATAGGCGGCGA R: TCAAACCCATAAAGCTCCAGCG
Morus013990	DELLA protein GAI	F: TTCCATACGGAAAGTTTGCTCACT R: CAGTAGCCTCGATCATCTGAGACC
Morus010360	Phospholipase A1	F: AATGAGGCGTTTAGGAAGAGGGTA R: GTAACGAACTTATGAGGGGCAAGCA
Morus017265	Chalcone isomerase	F: TTAGAGGTGGAGACACAGTGGTTTC R: GACACGGCTTCATCCTTCAAGTACA
Morus010031	Cytokinin biosynthetic isopentenyltransferase	F: GGAAAGACAAGGTGGTTTTTCGTGAT R: ATTTTGTCTGGAATTGATGATCTCG
Morus005139	Cytochrome C1	F: ATTCGTAGAGGTCACCAGGTCTACC R: CTTTGTCTCTTCTTCAGCGTAAGCA
Morus012127	Polyphenol oxidase	F: CCTACCAACTGTTGCCCACTAATA R: CAATGTACGCCTCGTCAACTGTATG
Morus013583	Calcium-binding protein	F: TGAAGATGGGAGGATGAGAAGAGAA R: TCTCGTCAAACAGCGATGAAAGC
Morus011259	WRKY transcription factor	F: GTTCCCAATCATGGACTAAAATCAC R: TGCGGGTGCATCTAAAGTAAGCC