

Supplemental Figures

Supplemental Figure 1: CMap Screenshot View of QTLs on IR64Azucena mapping population Chr 9, showing highlighted QTL CQAX26, flanked by markers RZ206, RZ422.

Supplemental Figure 2: Screenshot A: P14 l31: 153 SSR and 15 RFLP markers within 11.8 – 15.5 genomic region. Screenshot B: P15 l4: Marker detailed info provided by Gramene, using RM566 as an example.

Supplemental Figure 3: P15, l10-12, l22-23: 41 Gene models within 14.7 – 15.1 Mb Genomic region: Screenshot C: Genome Browser detail viewer; Screenshot D: Gene model retrieved by Mart.

Supplemental Figure 4: Screenshot E: Gene models and T-DNA display within 14.7 -14.8 (0.1) Mb genomic region.

Supplemental Figure 5: Screenshot F: Annotation or pathway evidence of two identified candidate genes