













FIGURE S2.—The distribution of consensus-QTL and unique-QTL on 19 linkage groups (LG) and the alignment between TNDH linkage map and pseudo-chromosomes of *Arabidopsis*. The LGs are shown as a thick black line with vertical lines to indicate the position of the molecular markers. Above the LG lines, the QTL are drawn with horizontal bars where their lengths show the confidence interval and the circle indicates the peak position. The letters above each consensus-QTL bars represent the number of microenvironments, abbreviations of macro-environments and the direction of additive effect. The three letters “S”, “W” and “B” represent semi-winter, winter and both macro-environments respectively. Major QTL and indicator-QTL were discriminated with wide and arrowhead bars respectively. The pseudo-chromosome of *Arabidopsis* was aligned under each LG line. The boxes of different colors represent the different pseudo-chromosomes fragment of *Arabidopsis* and the letters on the boxes was the name of the blocks (see Table S2b).