****

**Supplementary Figure 1.** Directed acyclic graph of GO biological process terms that are enriched (dark orange) in a set of 5,122 genes showing different expression levels in at least 5 out of 697 accessions in which the RNA-seq reads mapping rate was greater than 90 using both Col-0 genome sequence and pseudo-genome as reference.

 ****

**Supplementary Figure 2.** The sequence alignment plot between *Arabidopsis thaliana* Col-0 and L*er*-0 generated using MUMmer4 + Assemblytics pipeline.