

Figure S2. The alignment of class-II FBA protein sequences among *B. napus* and other species. The activity sites are indicated in red arrows. The black frames represent the fructose-bisphosphate aldolase class-II (PF01116) domain. *TaFBA*, *BnaFBA*, *BolFBA*, *BraFBA* indicated the *FBA* genes from *T. Aestivum*, *B. napus*, *B. oleracea* and *B. rapa*, respectively. *WP_003043438.1* was class II fructose-1,6-bisphosphate aldolase from *Thermus aquaticus*.

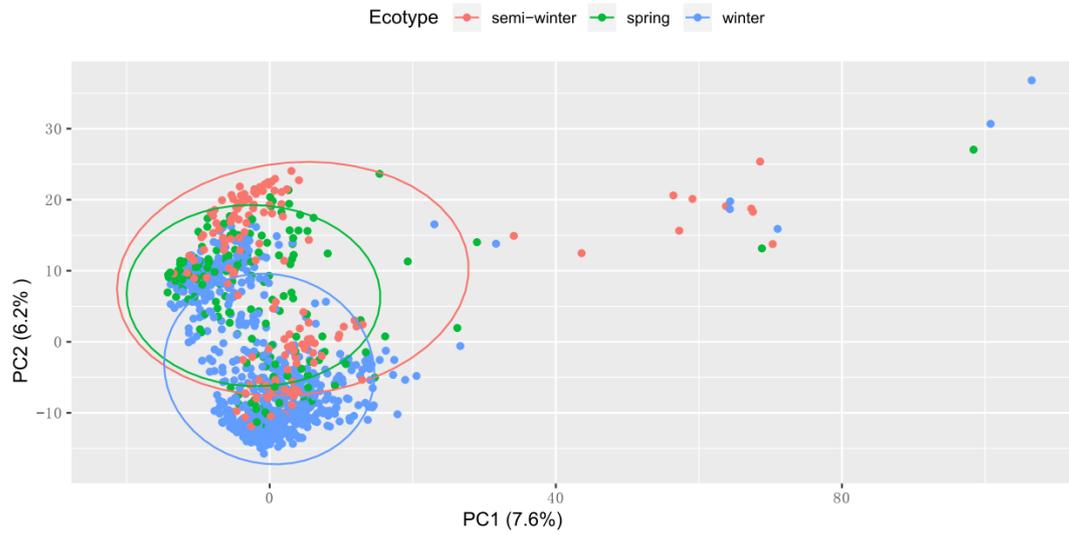


Figure S3. PCA plot of the first two components (PC1 and PC2) of the 991 accessions.