

**Supplementary Table S6** Unigene function annotation results of RNA-seq

Anno_Database	Annotated_Number	Percentage
GO_Annotation	25531	80.84%
KEGG_Annotation	18341	58.07%
KOG_Annotation	29450	93.25%
Pfam_Annotation	25170	79.70%
Swiss-Prot_Annotation	22841	72.32%
Trembl_Annotation	29738	94.16%
NR_Annotation	30191	95.60%
All_Annnotated	31582	100%

Note: The percentage is calculated from the ratio of the number of corresponding annotated genes in the database to the number of all annotated genes 31582.