

Table S4 Summary of gene annotation against the seven databases.

Anno_Database	Annotated_Number	Percentage(%)
SwissProt	40,157	29.6
Nt	45,505	33.54
Nr	61,751	45.51
KOG	15,319	11.29
KEGG	13,990	10.31
Interpro	23,496	17.32
GO	38,680	28.51
Any databases	69,977	51.57
All databases	5040	3.71