

Table S4 Statistics for function annotation

Anno_Database	Annotated_Number	300<=length<1000	length>=1000
COG	24175	14887	9288
GO	37423	22187	15236
KEGG	16426	10232	6194
KOG	37226	22185	15041
Pfam	38894	21072	17822
Swissprot	44936	25983	18953
nr	66067	41336	24731
All_Annotated	68851	43782	25069