Tab. S4. Statistics of unigene annotation

| **#Anno\_Database** | **Annotated\_Number** | **300<=length<1000** | **length>=1000** |
| --- | --- | --- | --- |
| COG\_Annotation | 13753 | 3867 | 5719 |
| GO\_Annotation | 25142 | 8089 | 8733 |
| KEGG\_Annotation | 15743 | 5127 | 6092 |
| KOG\_Annotation | 23015 | 7243 | 9079 |
| Pfam\_Annotation | 28454 | 8034 | 13988 |
| Swissprot\_Annotation | 24441 | 7765 | 11095 |
| eggNOG\_Annotation | 39635 | 12883 | 14414 |
| Nr\_Annotation | 41175 | 13900 | 14943 |
| All\_Annotated | 44405 | 14919 | 15062 |