**Supplemental Table S1：**

**BLAST analysis of non-redundant unigenes against public databases**

|  |  |  |
| --- | --- | --- |
| Database | Number of annotated unigenes | Percentage of annotated unigenes (%) |
| Nr | 20,648 | 3.12 |
| Swiss-prot | 13,634 | 2.06 |
| String | 14,418 | 2.18 |
| Pfam | 8,927 | 1.35 |
| GO | 13,503 | 2.04 |
| KEGG | 11,362 | 1.72 |