**Additional file 15: Table S4** Annotation of all unigenes based on seven databases.

|  |  |  |
| --- | --- | --- |
|  | Number of Unigenes | Percentage (%) |
| NR | 61440 | 38.55 |
| NT | 44134 | 27.69 |
| KEGG | 22483 | 14.11 |
| SwissProt | 45021 | 28.25 |
| PFAM | 43005 | 26.98 |
| GO | 43539 | 27.32 |
| KOG | 12490 | 7.83 |
| Annotated in all Databases | 6599 | 4.14 |
| Annotated in at least one Database | 78464 | 49.24 |
| Total Unigenes | 159337 | 100 |