**Table S3**. Functional annotation of DEGs between testis and ovary of *O. sinensis*

|  |  |
| --- | --- |
| **Functional database** | **Number** |
| COG | 2,015 |
| GO | 4,846 |
| KEGG | 2,999 |
| KOG | 3,828 |
| NR | 7,460 |
| Pfam | 4,673 |
| Swiss-Prot | 3,512 |
| eggNOG | 5,370 |
| Functional annotated DEGs (Ratio (%)) | 7,471 (90%) |