**Figure S1:** Gene Ontology (GO) Classification of DGs in J1 vs J2.
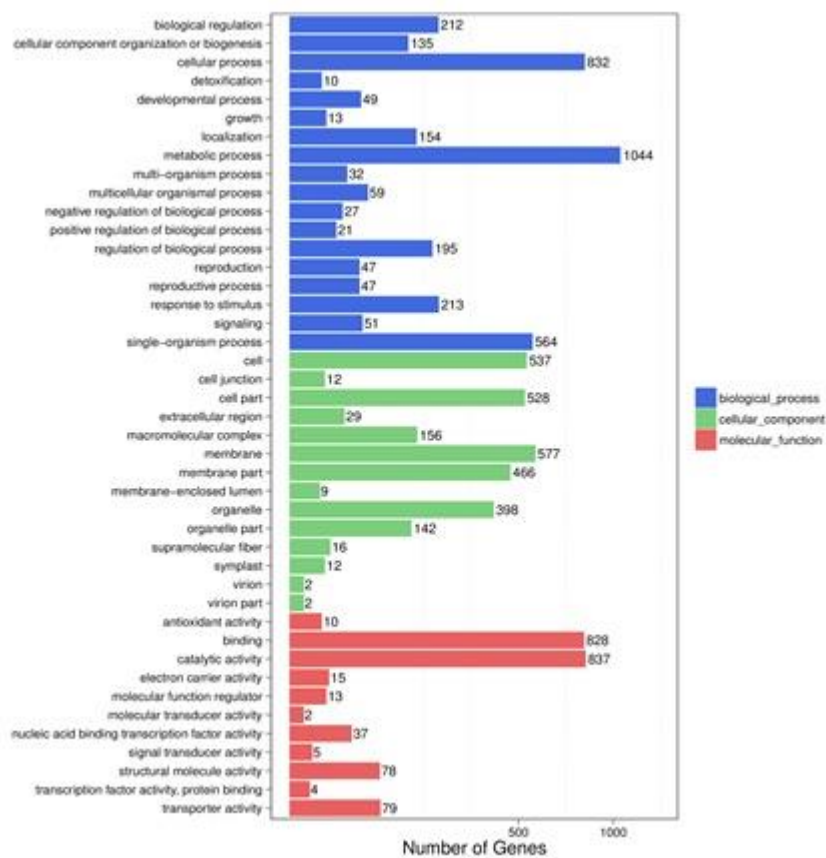


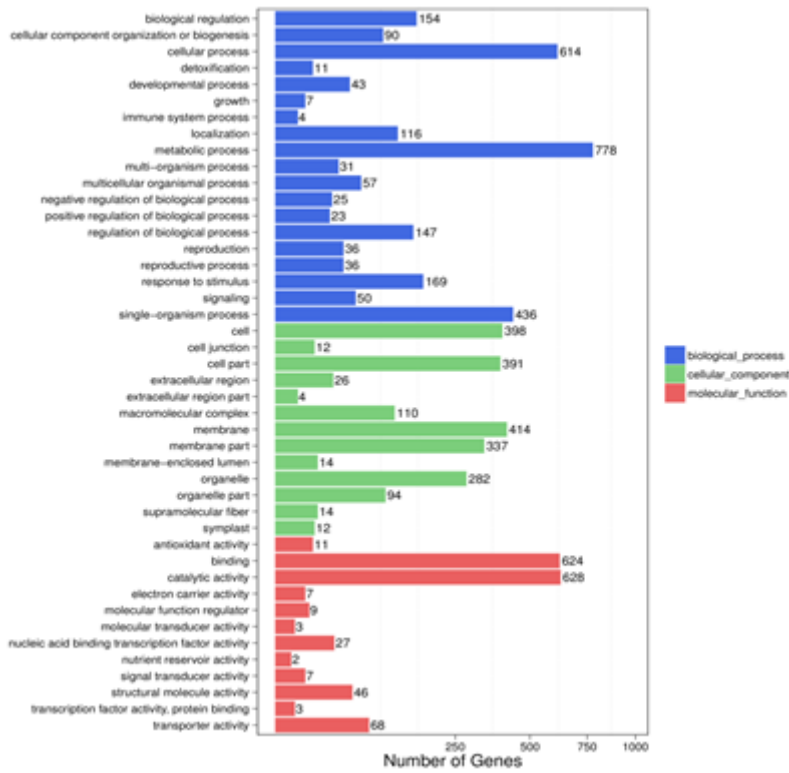**Figure S2:** Gene Ontology (GO) Classification of DGs in J1 vs J3.

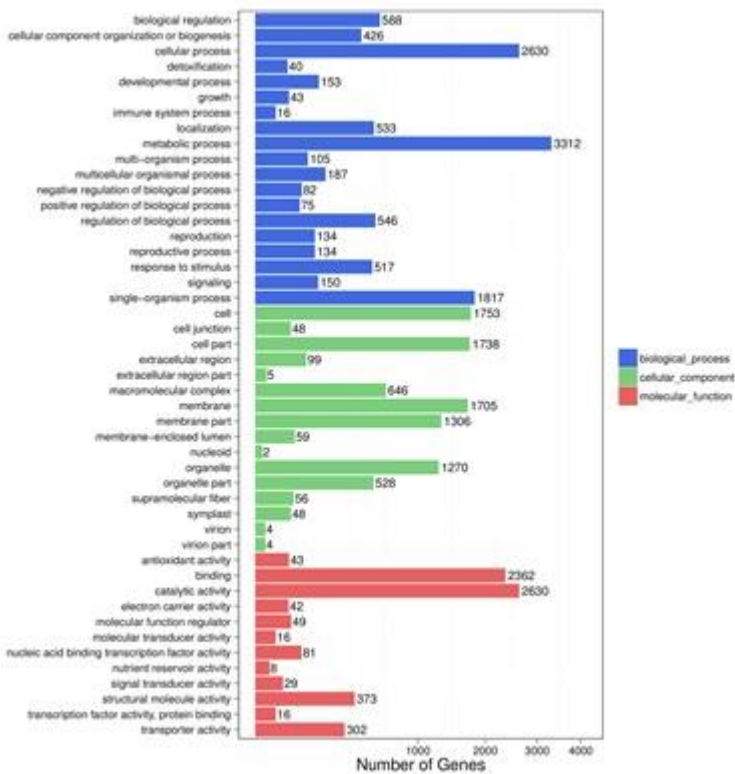**Figure S3:** Gene Ontology (GO) Classification of DGs in J2 vs J3.



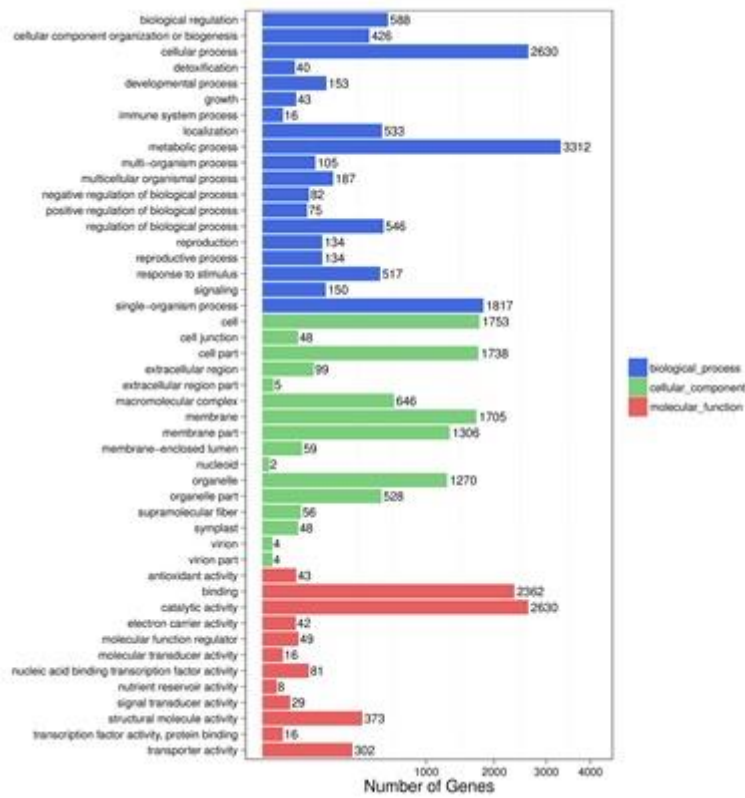**Figure S4:** Gene Ontology (GO) Classification of DGs in Y1 vs Y2.

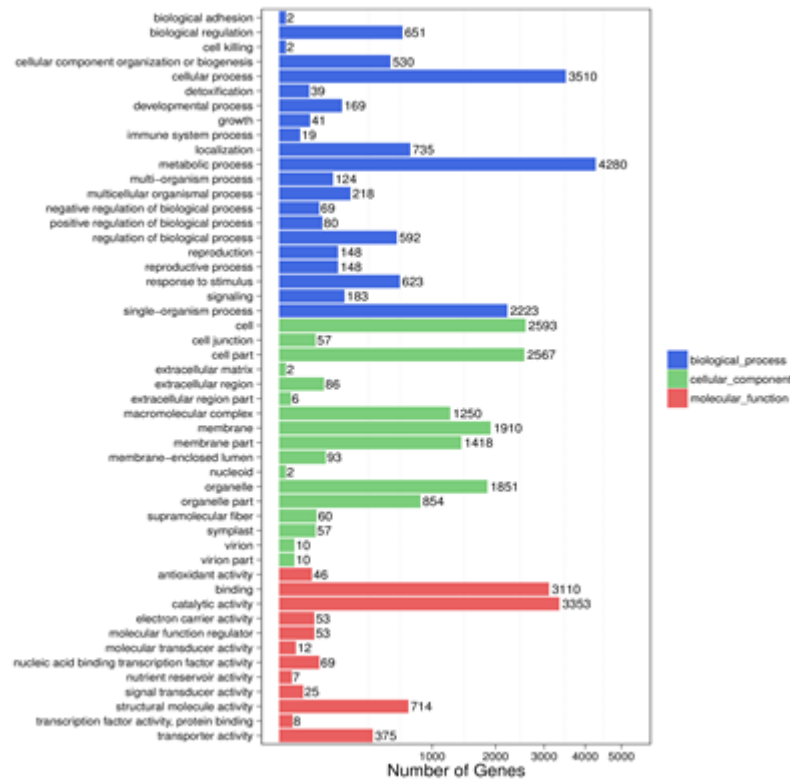**Figure S5:** Gene Ontology (GO) Classification of DGs in Y1 vs Y3.



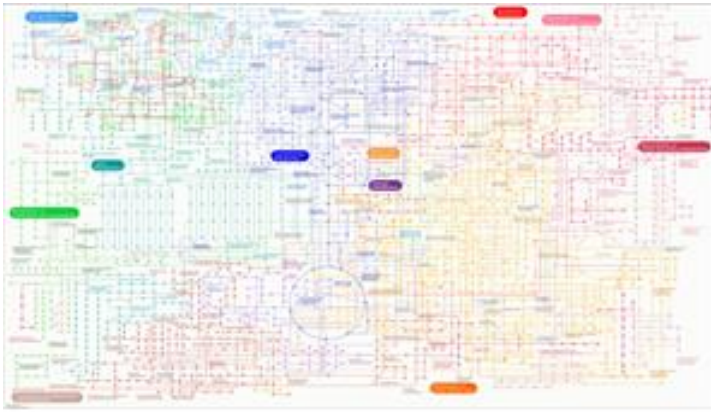**Figure S6:** Gene Ontology (GO) Classification of DGs in Y2 vs Y3.

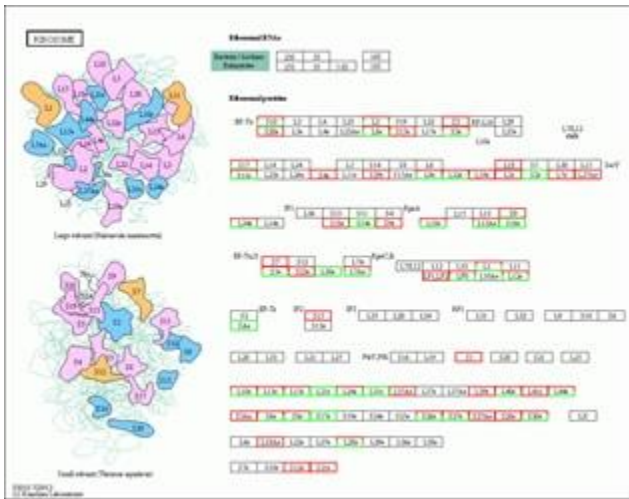**Figure S7:** Metabolic pathways pathway in J1 vs J2.



**Figure S8:** Biosynthesis of secondary metabolites in J1 vs J2.
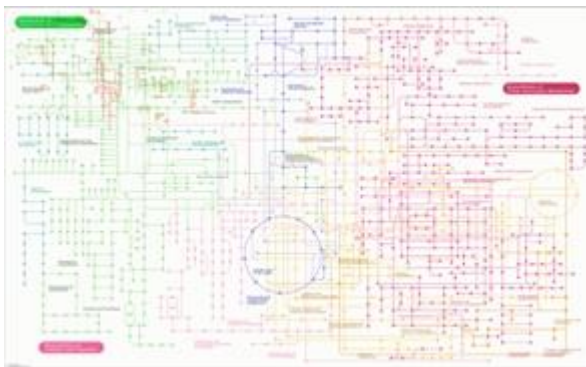


**Figure S9:** Ribosome in J1 vs J2.

**Table S1:** The statistics of filtrated reads.

| Sample | Raw Data | Clean Data | Clean Data Ratio(%) | Clean Data Q20(%) | Clean Data Q30 (%) | GC Content (%) |
|---|---|---|---|---|---|---|
| J1 | 51963050 | 51963050 | 100 | 98.1 | 93.74 | 47.51 |
| J2 | 53073410 | 53073410 | 100 | 97.8 | 92.91 | 47.95 |
| J3 | 52209620 | 52209620 | 100 | 97.91 | 93.25 | 48.36 |
| Y1 | 50899656 | 50899656 | 100 | 93.34 | 84.66 | 51.22 |
| Y2 | 49831422 | 49831422 | 100 | 98 | 93.5 | 49.27 |
| Y3 | 51535514 | 51535514 | 100 | 98.03 | 93.56 | 48.28 |