Table S2 Quality metrics of unigenes of *Paeonia lactiflora* 'Dafugui'

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Total Number | Total Length (nt) | Mean Length (nt) | N50 | N70 | N90 | GC(%) |
| T1\_1 | 33509 | 34243145 | 1021 | 1562 | 1027 | 454 | 42.44 |
| T1\_2 | 31113 | 28331025 | 910 | 1409 | 890 | 390 | 42.58 |
| T1\_3 | 31164 | 28840630 | 925 | 1441 | 915 | 391 | 42.59 |
| T2\_1 | 36748 | 41697377 | 1134 | 1651 | 1146 | 545 | 42.23 |
| T2\_2 | 41223 | 47242596 | 1146 | 1666 | 1151 | 554 | 41.96 |
| T2\_3 | 39503 | 43540526 | 1102 | 1648 | 1124 | 511 | 41.9 |
| T3\_1 | 35526 | 34662474 | 975 | 1546 | 982 | 410 | 43.83 |
| T3\_2 | 37233 | 41589885 | 1117 | 1639 | 1126 | 535 | 42.15 |
| T3\_3 | 38196 | 42343125 | 1108 | 1624 | 1109 | 529 | 42.43 |
| All-Unigene | 81788 | 93770651 | 1146 | 1780 | 1193 | 520 | 42.04 |

N50: a weighted median statistic that 50% of the total length is contained in unigenes great than or equal to this value. GC (%): the percentage of G and C bases in All-Unigenes.