**Table S4 Species classification in phylogenetic tree and GenBank accession numbers of the cp genome**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number | Species | Order | Family | GenBank Accession number |
| 1 | *Acacia ligulata* | Fabales | Fabaceae | NC\_026134 |
| 2 | *Castanea mollissima* | Fabales | Fabaceae | NC\_014674 |
| 3 | *Castanopsis echinocarpa* | Fabales | Fabaceae | NC\_023801 |
| 4 | *Chrysobalanus icaco* | Malpighiales | Chrysobalanaceae | NC\_024061 |
| 5 | *Couepia guianensis* | Malpighiales | Chrysobalanaceae | NC\_024063 |
| 6 | *Ginkgo biloba* | Ginkgoales | Ginkgoaceae | NC\_016986 |
| 7 | *Glycine canescens* | Fabales | Fabaceae | NC\_021647 |
| 8 | *Glycine dolichocarpa* | Fabales | Fabaceae | NC\_021648 |
| 9 | *Glycine soja* | Fabales | Fabaceae | NC\_022868 |
| 10 | *Glycine stenophita* | Fabales | Fabaceae | NC\_021646 |
| 11 | *Glycine syndetika* | Fabales | Fabaceae | NC\_021650 |
| 12 | *Hirtella physophora* | Malpighiales | Chrysobalanaceae | NC\_024066 |
| 13 | *Hirtella racemosa* | Malpighiales | Chrysobalanaceae | NC\_024060 |
| 14 | *Leucaena trichandra* | Fabales | Fabaceae | NC\_028733 |
| 15 | *Morus indica* | Rosales | Moraceae | NC\_008359 |
| 16 | *Morus mongolica* | Rosales | Moraceae | NC\_025772 |
| 17 | *Morus notabilis* | Rosales | Moraceae | NC\_027110 |
| 18 | *Ostrya rehderiana* | Fagales | Betulaceae | NC\_028349 |
| 19 | *Phaseolus vulgaris* | Fabales | Fabaceae | NC\_009259 |
| 20 | *Parinari campestris* | Malpighiales | Chrysobalanaceae | NC\_024067 |
| 21 | *Populus alba* | Malpighiales | Salicaceae | NC\_008235 |
| 22 | *Populus balsamifera* | Malpighiales | Salicaceae | NC\_024735 |
| 23 | *Populus euphratica* | Malpighiales | Salicaceae | NC\_024747 |
| 24 | *Populus fremontii* | Malpighiales | Salicaceae | NC\_024734 |
| 25 | *Populus trichocarpa* | Malpighiales | Salicaceae | EF\_489041 |
| 26 | *Prunus padus* | Rosales | Rosaceae | NC\_026982 |
| 27 | *Prunus persica* | Rosales | Rosaceae | NC\_014697 |
| 28 | *Prunus yedoensis* | Rosales | Rosaceae | NC\_026980 |
| 29 | *Quercus aliena* | Fagales | Fagaceae | NC\_026790 |
| 30 | *Salix babylonica* | Malpighiales | Salicaceae | NC\_028350 |
| 31 | *Salix suchowensis* | Malpighiales | Salicaceae | KU\_341117 |
| 32 | *Wisteria sinensis* | Fabales | Fabaceae | NC\_029406 |