**Table S1.** Names and NCBI GenBank accession numbers for the species included in the phylogenetic analysis.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Species** | **GenBank**  **accession no.** | **Species** | **GenBank**  **accession no.** | **Species** | **GenBank**  **accession no.** |
| *Aegopodium podagraria* | MT561044 | *Cryptotaenia japonica* | NC\_046737 | *Oenanthe linearis* | MT561035 |
| *Anethum graveolens* | NC\_029470 | *Cuminum cyminum* | NC\_046879 | *Oenanthe virgata* | KX832335 |
| *Angelica acutiloba* | NC\_029391 | *Cyclospermum leptophyllum* | MT561040 | *Ostericum grosseserratum* | NC\_028618 |
| *Angelica cartilaginomarginata* | MT561045 | *Daucus aureus* | KX832313 | *Pastinaca pimpinellifolia* | KM035850 |
| *Angelica dahurica* | NC\_029392 | *Daucus carota* | NC\_008325 | *Pastinaca sativa* | MT561034 |
| Angelica decursiva | KT781591 | *Daucus conchitae* | KX832331 | *Petroselinum crispum* | NC\_015821 |
| *Angelica gigas* | NC\_029393 | *Daucus crinitus* | KX832317 | *Peucedanum insolens*  *= Sillaphyton podagraria* | NC\_033344 |
| *Angelica multicaulis* | MT561027 | *Daucus glochidiatus* | KX832322 | *Peucedanum japonicum* | NC\_034644 |
| *Angelica paeoniifolia* | MT561026 | *Daucus involucratus* | KX832333 | *Peucedanum praeruptorum* | MN016968 |
| *Angelica sinensis* | NC\_042826 | *[Eryngium planum](http://www.iplant.cn/info/Sanicula%20giraldii?t=z" \o "http://www.iplant.cn/info/Sanicula giraldii?t=z)* | MT561039 | *Pimpinella diversifolia* | MT561033 |
| *Angelica ternata* | MT561043 | *Foeniculum vulgare* | NC\_029469 | *Pleurospermum camtschaticum* | NC\_033343 |
| Anthriscus cerefolium | NC\_015113 | *Glehnia littoralis* | KT153022 | *Prangos fedtschenkoi* | KY652265 |
| Anthriscus sylvestris | MT561042 | *Hansenia forbesii* | NC\_035054 | *Prangos lipskyi* | KY652266 |
| *Apium graveolens* | NC\_041087 | *Hansenia forrestii* | NC\_035056 | *Prangos trifida* | NC\_037852 |
| Bupleurum boissieuanum | NC\_036017 | *Hansenia oviformis* | NC\_035055 | *Pternopetalum vulgare* | MT561032 |
| *Bupleurum chinense* | MT561025 | *Hansenia weberbaueriana* | NC\_035053 | *Pterygopleurum neurophyllum* | NC\_033345 |
| *Bupleurum falcatum* | NC\_027834 | *Haplosphaera phaea* | MK801097 | *Sanicula chinensis* | MK208987 |
| Bupleurum latissimum | NC\_033346 | *Heracleum candicans* | MN419228 | *Sanicula flavovirens* | MT528257 |
| *Carum carvi* | NC\_029889 | *Heracleum moellendorffii* | NC\_042242 | *Sanicula giraldii* | MT528256 |
| Caucalis platycarpos | KX832334 | *Heracleum yungningense* | NC\_047287 | *Sanicula lamelligera* | MN966729 |
| *Chamaesium mallaeanum* | MN119369 | *Heracleum yunnanense* | NC\_045183 | *Sanicula odorata* | MT528258 |
| *Chamaesium novem-jugum* | MN119370 | *Hydrocotyle verticillata* | NC\_015818 | *Sanicula orthacantha* | MK293943 |
| Chamaesium spatuliferum | MN119371 | *Hydrocotyle sibthorpioides* | NC\_035502 | *Sanicula rubriflora* | MT528260 |
| Chamaesium wolffianum | MN119374 | *Ledebouriella seseloides* | NC\_034643 | *Saposhnikovia divaricata* | MT561030 |
| Chuanminshen violaceum | KU921430 | *Levisticum chuanxiong* | KX594382 | *Semenovia gyirongensis* | NC\_042912 |
| *Cicuta virosa* | NC\_037711 | *Levisticum jeholense* | MT561037 | *Semenovia transiliensis* | NC\_045182 |
| *Cnidium monnieri* | MT561041 | *Levisticum officinale* | MT561024 | *Seseli montanum* | NC\_027451 |
| *Cnidium officinale* | NC\_039760 | *Levisticum sinense* | MN652884 | *Tiedemannia filiformis* subsp. *greenmannii* | HM596071 |
| *Coriandrum sativum* | NC\_029850 | *Levisticum tenuissimum* | NC\_029394 | *Torilis scabra* | MT561029 |
| Crithmum maritimum | NC\_015804 | *Nothosmyrnium japonicum* | MT561036 | *Trachyspermum ammi* | NC\_047246 |