**Table S1. Primer pairs used for BAC identification and junction validation**. The name of primers refer to the cp regions amplified

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** |  | **Sequence** | **Product length** |
| 1 | Br1\_BAC1 | F: | GGGCGTTAGAGCATTGAGAG | 299 bp |
|  | Br1\_BAC1 | R: | ATGATAAACGGCTCGTCTCG |  |
| 2 | Br1\_BAC2 | F: | CATTCTGAAACTAAGAAGAACTCC | 1220 bp |
|  | Br1\_BAC2 | R: | TTTTCAGGAACAAGCAAATCA |  |
| 3 | LSC/IR\_F | F: | TTACTCTTCGCGCTTTGTGA | 951 bp |
|  | LSC/IR\_R | R: | GGGAAGGGGTTTTGATTGAT |  |
| 4 | IR/SSC\_F | F: | TGCGTAATCTCAGCATTCAA | 1930 bp |
|  | IR/SSC\_R | R: | TCCGGAGATTGCCCTAATAA |  |
| 5 | SSC/IR\_F | F: | CAAGACGGGGTTAATTTGGA | 848 bp |
|  | SSC/IR\_R | R: | GCCTCTGCATCTAGCACTGG |  |
| 6 | IR/LSC\_F | F: | CCAAAAACTGCTCAGCAACA | 889 bp |
|  | IR/LSC\_R | R: | GCTGCTATCGAAGCTCCATC |  |