**Table S3. Primers Used to Fill Gaps in the *Acacia ligulata* Chloroplast Genome Sequence.**

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| --- | --- | --- | --- |
| **Name** | **Direction** | **Primer sequence (5’ to 3’)** | **Annealing temperature** |
| Gap\_01 | Forward | ACAGATCGTATGGTAGGACA | 64ºC |
|  | Reverse | GCGTATTTGCGTCTTTGATA |
| Gap\_02 | Forward | TGCCTTCGCCATATCAATAT | 51ºC |
|  | Reverse | ACGGCTCTACTATGGAATTG |
| Gap\_03 | Forward | TCGTACGAGATAGAGGAACC | 50ºC |
|  | Reverse | GGGGATTTTGTGACATTTCG |
| Gap\_04 | Forward | TCAAAACATCTCTTCCTCGA | 65ºC |
|  | Reverse | GTAGAGTAGTCGACAAACAA |
| Gap\_05 | Forward | GGTACCTCGATTTAATATTTGT | 65ºC |
|  | Reverse | GGGCAAAAGAGTAATTGAGC |
| Gap\_06 | Forward | GGATTAATTGTGCATCCAAC | 65ºC |
|  | Reverse | TCCAGTAATTACCGTTCGTT |
| Gap\_07 | Forward | CTACGTCAGGATAACTCTTC | 65ºC |
|  | Reverse | AGATCTACTCCTATGAATGTGG |
| Gap\_08 | Forward | GCGTCTTCTCTTTGGCAAA | 51ºC |
|  | Reverse | GGGGTCAAACTTCTGGAAA |
| Gap\_09 | Forward | CACCTTTGGAAGTATTAAGGG | 51ºC |
|  | Reverse | AAAGTATATGAGCACTCCGG |
| Gap\_10 | Forward | AAAGATTACCGGGGAATTGT | 51ºC |
|  | Reverse | TTTTCACGAGCCCATATG |
| Gap\_11 | Forward | GCATACTAACTCGCCTTCTT | 66ºC |
|  | Reverse | TATTAAACCCGAAACTCCCG |
| Gap\_12 | Forward | TCTTGTTGAGTTACGTGCTT | 51ºC |
|  | Reverse | GAGGTCTTCTAAACCTTTGG |
| Gap\_13 | Forward | GGAATTAAGAAAAGAGGACCC | 53ºC |
|  | Reverse | CGGATTCCTATCTAACGATCC |
| Gap\_14 | Forward | TTCAGGTAATTTCGCGAAGA | 50ºC |
|  | Reverse | TTTGTCAATCCCAGTCCAAA |
| Gap\_15 | Forward | GGTTTTGGTCCCGCTATT | 51ºC |
|  | Reverse | ATCATGTCTTTCAAGTCGCA |
| Gap\_16 | Forward | AAGAGAGGGGAGAGATCTTC | 65ºC |
|  | Reverse | TTTCTCAGATAACACTCAGA |
| Gap\_17 | Forward | CGATTTCCTTCCCTATCAG | 49ºC |
|  | Reverse | CCCAACTCATAATTGGCGA |
| Gap\_18 | Forward | TCCGTTCCATGCCTCATT | 51ºC |
|  | Reverse | GGGGTAGCCGAATTTCTTC |
| Gap\_19 | Forward | ACGCCTTTTGAATTATGGATC | 65ºC |
|  | Reverse | TGGTCATATAATCGTGGTTACA |
| Gap\_20 | Forward | TTGGGCGTTTATTACTTGGA | 50ºC |
|  | Reverse | CTCATTATCAGTTGACAAGGTC |
| Gap\_21 | Forward | TGGTGTTTCTAACCATCCAC | 51ºC |
|  | Reverse | GGAATTCGGATTGATGAACT |