**S3 Table. 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 | GCGTATTTGCGTCTTTGATA | 64ºC |
|  | Reverse | ACAGATCGTATGGTAGGACA |
| Gap\_02 | Forward | CGATTTCCTTCCCTATCAG | 49ºC |
|  | Reverse | CGATTTCCTTCCCTATCAG |
| Gap\_03 | Forward | TCCGTTCCATGCCTCATT | 51°C |
|  | Reverse | CCACAACGACCGAATTAA |
| Gap\_04 | Forward | TTGGGCGTTTATTACTTGGA | 50°C |
|  | Reverse | CTCATTATCAGTTGACAAGGTC |
| Gap\_05 | Forward | TGGTGTTTCTAACCATCCAC | 51ºC |
|  | Reverse | GGAATTCGGATTGATGAACT |
| Gap\_06 | Forward | TTTCTCAGATAACACTCAGA | 65ºC |
|  | Reverse | AAGAGAGGGGAGAGATCTTC |
| Gap\_07 | Forward | ATCATGTCTTTCAAGTCGCA | 51ºC |
|  | Reverse | GGTTTTGGTCCCGCTATT |
| Gap\_08 | Forward | TTTGTCAATCCCAGTCCAAA | 50ºC |
|  | Reverse | TTCAGGTAATTTCGCGAAGA |
| Gap\_09 | Forward | CGGATTCCTATCTAACGATCC | 53ºC |
|  | Reverse | GGAATTAAGAAAAGAGGACCC |
| Gap\_10 | Forward | GAGGTCTTCTAAACCTTTGG | 51ºC |
|  | Reverse | TCTTGTTGAGTTACGTGCTT |
| Gap\_11 | Forward | TATTAAACCCGAAACTCCCG | 66ºC |
|  | Reverse | GCATACTAACTCGCCTTCTT |
| Gap\_12 | Forward | TTTTCACGAGCCCATATG | 51ºC |
|  | Reverse | AAAGATTACCGGGGAATTGT |
| Gap\_13 | Forward | AAAGTATATGAGCACTCCGG | 51ºC |
|  | Reverse | CACCTTTGGAAGTATTAAGGG |
| Gap\_14 | Forward | GGGGTCAAACTTCTGGAAA | 51ºC |
|  | Reverse | GCGTCTTCTCTTTGGCAAA |
| Gap\_15 | Forward | AGATCTACTCCTATGAATGTGG | 65ºC |
|  | Reverse | CTACGTCAGGATAACTCTTC |
| Gap\_16 | Forward | TCCAGTAATTACCGTTCGTT | 65ºC |
|  | Reverse | GGATTAATTGTGCATCCAAC |
| Gap\_17 | Forward | GGGCAAAAGAGTAATTGAGC | 65ºC |
|  | Reverse | GGTACCTCGATTTAATATTTGT |
| Gap\_18 | Forward | GTAGAGTAGTCGACAAACAA | 65ºC |
|  | Reverse | TCAAAACATCTCTTCCTCGA |
| Gap\_19 | Forward | GGGGATTTTGTGACATTTCG | 50ºC |
|  | Reverse | TCGTACGAGATAGAGGAACC |
| Gap\_20 | Forward | ACGGCTCTACTATGGAATTG | 51ºC |
|  | Reverse | TGCCTTCGCCATATCAATAT |