

Table 4. Primers

| Primer Name | Primer sequence | Function |
|--------------------|------------------------|---------------------------------|
| STKL | TGATCTTGGAGGATCAGG | Low copy amplification |
| STKR | GCAACCACTCCTCTTCG | Low copy amplification |
| PCO131338L | AAGAGAAGGATGGATTGG | Low copy amplification |
| PCO131338R | CCATCAGAAACACAACAGG | Low copy amplification |
| LCBE1L | CAAAGATGGGCTGTCAGA | Low copy amplification |
| LCBE1R | CTTTACCGTGGCCATAGA | Low copy amplification |
| MLOL | CTACATCGTCAAGGTGTGC | Low copy amplification |
| MLOR | GCAGCAGCATTTCATATCC | Low copy amplification |
| LCBE2L | TTACAAGGAGGGAGCAAAG | Low copy amplification |
| LCBE2R | ATCTGCCTCGACGAGTTC | Low copy amplification |
| LC1L | AAGCAGAAACGTGAGAAGG | Low copy amplification |
| LC1R | TTTGGGAGTTCACCTATCC | Low copy amplification |
| LCBE3L | CGTGTGTATGCGAGAGC | Low copy amplification |
| LCBE3R | GCACTTTGAGCCTTTGC | Low copy amplification |
| CycIII | TAGAGCTGTTGGAGGAGACC | Low copy amplification |
| CycIIIR | ACTGGAGCATCTCATATTCC | Low copy amplification |
| sbe1L | CATCTCAAGGAATCTCACG | Low copy amplification |
| sbe1R | GTAGCATGGGCAAATCG | Low copy amplification |
| Gap1L | CCTTGC GCAATAACTACC | Close gaps in assembly |
| Gap1R | CTAACTGATGCCATTGTGG | Close gaps in assembly |
| Gap2L | TGAAGCCTCAAACCTGAACC | Close gaps in assembly |
| Gap2R | CAATGGGACAATGAGTGG | Close gaps in assembly |
| Gap3L | TGGTTAGGAGGTGAAGTCC | Close gaps in assembly |
| Gap3R | TTGATCAGAGGGTGTATGC | Close gaps in assembly |
| Gap4L | ATCTCGCAAATCCTGTCC | Close gaps in assembly |
| Gap4R | TCTCGACTTAGATGGATT | Close gaps in assembly |
| Gap5L | CCACACAAAGAATCAGAGC | Close gaps in assembly |
| Gap5R | ATTGGAGCATCACTCACC | Close gaps in assembly |
| LRset1L | ATGGCGTGTAACTCTGG | Bridged intermediate to LRset1R |
| | ATCTGCCTCGACGAGTTC | be108d.j4 |
| LRset2L | TTGTTTCAGGTGCTGTGC | Bridged MLO to |
| LRset2R | TTGGCTACTTCGACATCC | intermediate |
| Y1-MLOconnectorL | AACAAGGAATCCGTCAGC | Bridged Y1 to MLO |
| Y1-MLOconnectorR | GCAGCAGCATTTCATATCC | |