**Supplementary Table 12.** Genome specificity of *GhLMI1-D1a* amplification for sequencing primers. Sequence differences resulting in a genome-specific primer are highlighted and underlined in red. *G. raimondii* and *G. arboreum* sequences were retrieved from <https://www.cottongen.org/tools/gbrowse>. \*193R is the second reverse primer used in the nested amplification of the 5’ region of *GhLMI1-D1a.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Primer Combination | Primer | *G. raimondii* Sequence5’🡪3’ | *G. arboreum* Sequence5’🡪3’ | Genome Specific? |
| 14-LS-5F + 13-LS-145R | 14-LS-5F | GGTATTTCTACGGATCAATGTGC | GGTATTTCTACGGATCAATGTGC | No |
|  | 13-LS-145R | TGCTTTCGACAGTCTCTTCG | TGCTTTCAACGGTCTCTTCG | Yes |
|  | 13-LS-193R\* | TGGTTCCTTGTCACTTGTTCC | TGGTTCCTTGTCACTTGTTCC | No |
| 13-LS-145F +13-LS-198R | 13-LS-145F | GGGAACTTGGACTTCAACCA | GGGAACTTGGACTTCAACCA | No |
|  | 13-LS-198R | ATGCCAGCACGAGGTACG | N/A | Yes |