**S1 Table.** The primers used in the study

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| --- | --- | --- |
| Name | Sequence (5ˊ-3ˊ) | Purpose |
| 35S-f | GGAGTCAAAGATTCAAATAGAGGACCTAAC | PCR confirmation for the integration of transgenes in transgenic plants |
| GH3.1-r | TAGTAGCTTGTGAGCACCGGACGT |
| GH3.1L-r | GCCATTGGTAATTTGCCTCCGCTGTA |
| qGH3.1-f | TGAGTTCTTGCCTCACGACC | Quantitative RT-PCR analysis for expression of target genes |
| qGH3.1-r | TGGGGAGCCGAGTTGTAGTA |
| qGH3.1-r | TTGATCTCAAGCGGCCCAAT |
| qGH3.1L-f | TGAGTTTCTTCCCCACGAGC |
| qGH3.1L-r | TACAAGCCGGCGTAAGTTGT |
| qActin-f | CATCCCTCAGCACCTTCC | Reference gene for gene expression analysis |
| qActin-r | CCAACCTTAGCACTTCTCC |