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| --- | --- | --- |
| Table SII: Overview of primers used for qRT PCR analysis | | |
| **name** | **description** | **sequence (5’-3’)** |
|  | **qRT PCR** |  |
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|  |  |  |
| AtHEMA1 \_fwd | Glutamyl-tRNA-reductase 1 | TTGCTGCCAACAAAGAAGAC |
| AtHEMA1 \_rev |  | CCGTCTCCAATGAATCCCTC |
| AtHEMA2 \_fwd | Glutamyl-tRNA-reductase 2 | AGAAGATTAGAGCAAAGGTGGA |
| AtHEMA2 \_rev |  | TTCACCCTCTACTCAAGTGTG |
| AtGSA1 \_fwd | Glutamat-1-semialdehyd-aminotransferase 1 | TCAAAGAAGAGCGACACAGAG |
| AtGSA1 \_rev |  | GTAAACACCTTCTTCCAACATTCC |
| AtCHL27 \_fwd | MgPMME cyclase subunit | GCTTCTTCTGCCTCTCGGTTTATG |
| AtCHL27 \_rev |  | GCCGTGGTTCGGTTTGTCTCG |
| AtFC1\_fwd | Ferrochelatase 1 | AGCCGTTCCAGTCAGTTTCGT |
| AtFC1\_rev |  | CTCCATGTCTATCTCCTCAAGTGTCT |
| AtFC2\_fwd | Ferrochelatase 2 | AGAGAATATTTCGAGAGGAC |
| AtFC2\_rev | Scharfenberg et al. 2015 | CTCCATGATTAGATCAACAC |
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