**Table S3.** List of primers used for qRT-PCR experiments.

|  |  |  |
| --- | --- | --- |
| Gene name | Abbreviation | Primer（5’to 3’） |
| actin | *act* | GGAGCTGAGAGATTCCGTTG |
| GAATTCCTGCAGCTTCCATC |
| citrate synthase | *acla* | AAGCGTGGCAAGAGTGGT |
| AAGCCGATCCGAGACAAC |
| Cytosolic isocitrate dehydrogenase | *cicdh* | GCACAAGGATTCGGGTCA |
| GTCCACGAGTCCAAGCAA |
| Early light-induced protein 2 | *elip* | GGTGTCGGGTGGTTTCTA |
| CCTCTGCCCTTATTCCCT |
| Chlorophyll a-b binding protein 4.1 | *lhcb* | TTCAGGTCGGTTCACAGC |
| CCATCAAGCCAGTCAGGAG |
| 2-oxoglutarate dehydrogenase E1/E2 component | *odha* | CTCCCTGACTGCTAACCCG |
| TGCCGTCTACGCCCTTGT |
| Pyruvate dehydrogenase E1 component subunit alpha | *osj* | GGCGACTATGTGCCAGGAT |
| GGTGCGGTAAGTGCTCCCT |
| 2,3-bisphosphoglycerate-independent phosphoglycerate mutase | *pgm* | ATAGTTGACGGTGATGCT |
| CAAGGTAACGGTTAGGAA |
| (S)-tetrahydroprotoberberine oxidase | *stox* | AGAAGGTGCCACTGCTCT |
| TTGGACTGATGATTACGG |
| S-adenosylmethionine synthase 1 | *sam* | ATACCTACGGTGGATGGG |
| AAAGACAGACAATGGCTCA |