S1 Table.Primer sequences for qRT-PCR validation of RNA-Seq.

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| Gene ID | Sequence |
| Glyma.01G001900\_F | CATTGTACGAGGATCAGGACAG |
| Glyma.01G001900\_R | GCGATTGTGAAGAGTAGGAAGA |
| Glyma.01G061100\_F | GGGTGTTATTGAGGAGCATAGA |
| Glyma.01G061100\_R | GCTTGTTCTCGTTCTCCAAATC |
| Glyma.01G073600\_F | GTCGCGTAATGCTCTACTTTCT |
| Glyma.01G073600\_R | CCAGGGTTGTTCTCTGCTATG |
| Glyma.17G217900\_F | TTGCTCCAGGGAGAGGATTA |
| Glyma.17G217900\_R | GGAAATAGTTGGTCCTTGCTTTG |
| Glyma.13G024200\_F | CCGACCTTGGTAGTGGTATTTC |
| Glyma.13G024200\_R | GGGAAAGAAGACCCTGTTGAG |
| Glyma.10G214500\_F | CAGATCAACATTGTGGTGGTTG |
| Glyma.10G214500\_R | ATGCCCTGGAGCTTCTTTC |
| Glyma.13G020700\_F | CTGTGGTTTCGCTGGATAGTAG |
| Glyma.13G020700\_R | GTAAACGGCGGGAGTAACTATG |
| Glyma.13G012400\_F | CCTCCAATGGATCCTCGTTAAG |
| Glyma.13G012400\_R | CGTCGTGAGACAGGTTAGTTT |
| Glyma.03G191600\_F | TGAAGACAAAGCAAGGAAGGA |
| Glyma.03G191600\_R | CCGTACCTGGGAAAGAGTAAAG |
| Glyma.02G028100\_F | AACATCGGCTGGTTACTTCC |
| Glyma.02G028100\_R | CAAGTCCAAGTAGATGCCCTATC |
| Glyma.02G028200\_F | CCTTATCCTTCTCCACCAATCC |
| Glyma.02G028200\_R | CGCTCGGGAGCTTCTTTATATC |
| Glyma.02G028600\_F | TAACATGGGCTGGTTACTTCC |
| Glyma.02G028600\_R | CAAGTCCAAGTAGATGCCCTATC |
| Glyma.02G028700\_F | GGTGGTACTTATGGACGGTAAC |
| Glyma.02G028700\_R | CAAGTCCAAGTAGATGCCCTATC |
| Glyma.02G028800\_F | CGGCGTAGAACTTGCAATAGA |
| Glyma.02G028800\_R | GACGACAGACAGGCCTTTAAT |
| Glyma.02G285500\_F | GCAACGTGGCCTTTACATATTC |
| Glyma.02G285500\_R | AATCTCGAATCGACCGTGAAG |
| Glyma.07G157200\_F | AGACATCTGGCAGGCTTATTT |
| Glyma.07G157200\_R | TGGCTGCTGCACCTATTT |
| Glyma.07G234400\_F | GTGTGGAAGGGTTAGAGAAACT |
| Glyma.07G234400\_R | TGTGACCTCCACAGCATAAC |
| Glyma.08G321400\_F | CGGCATTTCGGCAGTTTATG |
| Glyma.08G321400\_R | CCTCGGAACTGAAATCTCCTTAT |
| Glyma.08G329700\_F | GATCTTTGTGCCATGCCATTC |
| Glyma.08G329700\_R | GGTCACACCAAAGAGTGTAGAG |
| Glyma.09G233700\_F | CACAAGGACTTCCTCAGGTTAG |
| Glyma.09G233700\_R | AGCATCCCACGTAGAAATGATAG |
| ABCT\_F | CTTTGCTTTTATTCCGAATGG |
| ABCT\_R | GCCTGCTTCAGATAAAATAGAT |
| ACT11-F | CGGTGGTTCTATCTTGGCATC |
| ACT11-R | GTCTTTCGCTTCAATAACCCTA |
| CONS4-F | GATCAGCAATTATGCACAACG |
| CONS4-R | CCGCCACCATTCAGATTATGT |