

Table 2 Target genes involved in plant hormone signal transduction

| Target gene | Expression | miRNA | Predicted protein | Function |
|------------------|------------|---------------------|---|--|
| Potri.012G002700 | ↑ | miR6445a,b | Protein phosphatase 2C | Protein serine/threonine phosphatase activity |
| Potri.014G111400 | ↓ | miR399i | Phytochrome-interacting factor 3 | Protein dimerization activity; protein binding |
| Potri.T131500 | ↑ | miR6444 | Pathogenesis-related protein 1 | Response to jasmonic acid stimulus; systemic acquired resistance |
| Potri.008G137900 | ↓ | miR160a,b-5p,c-5p,d | Histidine kinase 2/3/4 (cytokinin receptor) | Phosphorelay sensor kinase activity; cytokinin receptor activity |
| Potri.010G102900 | ↓ | miR160a,b-5p,c-5p,d | Histidine kinase 2/3/4 (cytokinin receptor) | Phosphorelay sensor kinase Activity; cytokinin receptor activity |
| Potri.008G133400 | ↓ | miR169n-3p | TIFY domain | Jasmonate ZIM domain-containing protein |
| Potri.002G176900 | ↓ | miR473a-3p | Transcription factor MYC2 | Protein dimerization activity |
| Potri.009G126000 | ↓ | miR6444 | SAUR family protein | Response to auxin |
| Potri.001G083500 | ↑ | miR6459a-3p | Transcription factor MYC2 | Protein dimerization activity |
| Potri.008G066400 | ↓ | miR6459b | Auxin influx carrier AUX1 LAX family | Auxin transporter protein |
| Potri.005G206100 | ↓ | miR6462e,f | Regulatory protein NPR1 | Protein binding |
| Potri.005G082000 | ↓ | miR6466-5p | Transcription factor TGA | Transcription factor activity |
| Potri.008G064400 | ↓ | miR6470 | Coronatine-insensitive protein 1 | Protein binding |
| Potri.005G174000 | ↓ | miR7812 | Auxin influx carrier AUX1 LAX family | Auxin transporter-like protein |
| Potri.002G087000 | ↓ | miR7812 | Auxin influx carrier AUX1 LAX family | Auxin transporter-like protein 2-related |
| Potri.010G191000 | ↓ | miR7812 | Auxin influx carrier AUX1 LAX family | Auxin transporter protein |
| Potri.002G133700 | ↓ | miR7836, 7837 | Brassinosteroid resistant 1_2 | BES1/BZR1 plant transcription factor |