

# Identification of manganese-responsive MicroRNAs in *Arabidopsis* by small RNA sequencing

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## Electronic Supplementary Material (ESM)

Table S2. Differentially expressed miRNAs by high throughput sequencing

| #ID           | ck       | Mn       | FDR      | log2FC   |
|---------------|----------|----------|----------|----------|
| ath-miR395a   | 519.8362 | 222.8831 | 0        | -1.22177 |
| ath-miR395b   | 360.8684 | 141.5389 | 0        | -1.35027 |
| ath-miR395c   | 360.8684 | 141.5389 | 0        | -1.35027 |
| ath-miR395d   | 519.8362 | 222.8831 | 0        | -1.22177 |
| ath-miR395e   | 519.8362 | 222.8831 | 0        | -1.22177 |
| ath-miR395f   | 360.8684 | 141.5389 | 0        | -1.35027 |
| ath-miR399a   | 24.3673  | 4.8807   | 0.004762 | -2.31979 |
| ath-miR5026   | 2639.793 | 6884.973 | 0        | 1.383026 |
| ath-miR5650   | 150.8453 | 302.6004 | 0        | 1.004344 |
| ath-miR781a   | 186.8161 | 434.378  | 0        | 1.217332 |
| ath-miR781b   | 186.8161 | 434.378  | 0        | 1.217332 |
| ath-miR866-3p | 66.1399  | 170.8228 | 0        | 1.368908 |
| ath-miR826    | 5.8017   | 39.0452  | 2.22E-05 | 2.750598 |
| ath-miR5595a  | 32.4898  | 76.4635  | 0.000373 | 1.234784 |
| ath-miR5995b  | 32.4898  | 76.4635  | 0.000373 | 1.234784 |
| ath-miR863-5p | 41.7725  | 89.4786  | 0.000402 | 1.098989 |
| ath-miR2936   | 1.1603   | 16.2688  | 0.00275  | 3.809538 |
| ath-miR861-3p | 5.8017   | 24.4033  | 0.005186 | 2.072529 |

ck – untreated; Mn – manganese