Additional file 11: Confirmation of the expression levels of 80 selected miRNAs in different tissues by qRT-PCR. A total of 65 known miRNAs and 15 novel miRNAs were selected according to their differential expression in leaf (L), flower (F) and fruit (Fr), which was derived from high-throughput sequencing. The expression levels of these miRNAs were confirmed using stem-loop qRT-PCR. U4 was used as a loading control gene in qRT-PCR. The data are represented as the mean plus SD of n = 3 biological replicates.
Csi-miR1432a

![Graph showing relative expression levels for different conditions: L, F, Fr. The graph indicates a significant difference in expression levels between L and F, with L having a much higher expression level compared to F. The error bars suggest variability within each condition.](image-url)
Csi-miR156c.1

Relative expression

L   F   Fr

0.0  0.2  0.4  0.6  0.8  1.0  1.2  1.4
Csi-miR156e

![Bar graph showing relative expression levels for different categories: L, F, Fr. The graph indicates that category F has the highest relative expression, followed by Fr, with L having the lowest.](image-url)
Csi-miR159

![Bar chart showing relative expression levels of Csi-miR159 with error bars for L, F, and Fr samples.](image-url)
Csi-miR162-3p.1

Relative expression

L  F  Fr
Csi-miR166g.1

Relative expression

L  F  Fr
Csi-miR166j.1

![Bar graph showing relative expression levels for L, F, and Fr categories.](image-url)
Csi-miR171a.1

![Bar chart showing relative expression levels of Csi-miR171a.1 for different categories: L, F, Fr.](chart.png)
Csi-miR171g.1

Relative expression

L  F  Fr
Csi-miR172a-3p.2

Relative expression

L  F  Fr
Csi-miR172c.2

Relative expression

L  F  Fr
Csi-miR2911

Relative expression

L | F | Fr

0.0 | 1.0 | 0.2
Csi-miR390.2

Relative expression

L  F  Fr
Csi-miR391b

Relative expression

L  F  Fr
Csi-miR3951-3p

Relative expression

L  F  Fr
Csi-miR396b-3p.1

![Bar chart showing relative expression with error bars for L, F, and Fr categories. The y-axis is labeled 'Relative expression' ranging from 0.0 to 1.4, and the x-axis has categories L, F, and Fr. The bars indicate expression levels with error bars for variability.](chart.png)
Csi-miR398b

Relative expression

L  F  Fr
Csi-miR399c

Relative expression

L   F   Fr
Csi-miR403.1

Relative expression

L   F   Fr
Csi-miR408.1

Relative expression

L
F
Fr
Csi-miR4414.1

Relative expression

L  F  Fr
Csi-miR477a-3p

Relative expression

L  F  Fr
Csi-miR479.1
Csi-miR482d-5p.2

Relative expression

L
F
Fr
Csi-miR5179

![Graph showing relative expression levels for different conditions: L, F, and Fr. The graph indicates a significantly higher expression level for condition F compared to L and Fr.](image)
Csi-miR535.1

![Bar chart showing relative expression levels of Csi-miR535.1.](chart.png)
Csi-miR827-5p.2

Relative expression

L  F  Fr
Csi-miRN11

![Relative expression graph for Csi-miRN11 with categories L, F, and Fr.]
Csi-miRN15

Relative expression

L
F
Fr
Csi-miRN16

![Bar chart showing relative expression levels of Csi-miRN16]
Csi-miRN25

![Graph showing relative expression levels for L, F, and Fr categories. The L category has the highest expression level, with F and Fr having significantly lower levels.](image-url)
Csi-miRN32
Csi-miRN36

![Graph showing relative expression levels of L, F, and Fr](image-url)