

Table S1. Description of candidate reference miRNAs in the bud development process of ‘Feng Dan’ based on BestKeeper.

	geo Mean [Ct]	ar Mean [Ct]	min [Ct]	max [Ct]	std dev [± Ct]	CV [% Ct]	Min [x-fold]	Max [x-fold]	std dev [± x-fold]	coeff. Of corr. [r]	<i>p</i> -value
gma-miR394a-5p	21.53	21.57	20.44	25.18	0.86	4.01	-2.13	12.55	1.82	1.00	0.001
PC-3p-70893	25.90	25.93	24.90	29.23	0.78	3.03	-2.00	10.04	1.72	0.98	0.001
mtr-MIR160b-p3	24.79	24.81	23.52	27.70	0.80	3.23	-2.41	7.53	1.74	0.97	0.001
PC-5p-19095	20.79	20.82	19.12	23.45	0.85	4.11	-3.17	6.34	1.81	0.94	0.001
mtr-miR171e-3p	21.48	21.52	19.78	24.30	1.13	5.23	-3.25	7.06	2.18	0.92	0.001
mtr-miR166a	20.49	20.54	18.72	23.42	1.18	5.73	-3.41	7.61	2.26	0.92	0.001
PC-5p-74547	22.67	22.73	20.97	26.82	1.14	5.00	-3.25	17.74	2.20	0.97	0.001
PC-3p-25825	21.15	21.20	19.91	25.20	1.06	5.02	-2.37	16.53	2.09	0.93	0.001
PC-3p-1770	20.76	20.82	19.10	25.06	1.14	5.50	-3.16	19.68	2.21	0.96	0.001
mtr-miR168b	17.89	17.92	17.11	21.01	0.70	3.93	-1.72	8.68	1.63	0.89	0.001
PC-3p-871	23.91	23.93	22.99	26.17	0.66	2.75	-1.90	4.77	1.58	0.58	0.104
PC-5p-55716	19.40	19.46	17.57	23.46	1.10	5.67	-3.55	16.70	2.15	0.68	0.044
U6	12.97	13.06	11.48	16.26	1.32	10.13	-2.80	9.81	2.50	0.96	0.001
PC-5p-4	15.74	15.82	13.44	18.58	1.36	8.57	-4.92	7.17	2.56	0.94	0.001
rco-miR167a	22.35	22.45	19.81	26.36	1.87	8.32	-5.82	16.11	3.65	0.81	0.009
mtr-miR159a_1ss9GT	18.93	18.96	17.90	21.40	0.91	4.79	-2.04	5.54	1.88	0.70	0.038
mtr-miR159a	16.14	16.20	14.36	19.28	1.08	6.67	-3.45	8.79	2.12	0.74	0.021
mtr-miR159a_L-1	16.05	16.11	14.69	19.28	1.19	7.39	-2.57	9.37	2.28	0.73	0.024

Table S2. Description of candidate reference miRNAs in the bud development process of ‘Lian He’ based on BestKeeper.

	geo Mean [Ct]	ar Mean [Ct]	min [Ct]	max [Ct]	std dev [± Ct]	CV [% Ct]	Min [x-fold]	Max [x-fold]	std dev [± x-fold]	coeff. Of corr. [r]	<i>p</i> -value
gma-miR394a-5p	22.65	22.70	21.25	25.16	1.32	5.83	-2.64	5.69	2.50	0.98	0.001
PC-5p-19095	21.73	21.76	20.47	23.48	1.19	5.48	-2.38	3.37	2.28	0.99	0.001
mtr-miR171e-3p	22.32	22.37	20.61	24.98	1.36	6.10	-3.27	6.33	2.58	0.96	0.001
PC-3p-70893	26.65	26.68	25.09	29.36	1.28	4.81	-2.95	6.57	2.43	0.95	0.001
mtr-MIR160b-p3	26.01	26.04	24.38	28.21	1.12	4.31	-3.09	4.61	2.18	0.97	0.001
mtr-miR166a	21.86	21.91	19.58	24.11	1.45	6.63	-4.86	4.76	2.74	0.94	0.001
PC-3p-871	25.67	25.70	23.71	27.87	1.23	4.77	-3.88	4.60	2.34	0.89	0.001
PC-5p-74547	23.66	23.73	22.14	27.43	1.61	6.77	-2.87	13.59	3.05	0.91	0.001
mtr-miR168b	18.96	19.00	17.62	21.25	1.02	5.36	-2.54	4.91	2.03	0.74	0.024
mtr-miR159a_1ss9GT	19.78	19.81	18.67	22.36	0.83	4.20	-2.16	5.97	1.78	0.73	0.025
rco-miR167a	24.17	24.24	20.80	26.98	1.27	5.22	-10.37	7.02	2.40	0.88	0.002
mtr-miR159a_L-1	17.76	17.84	15.90	21.31	1.52	8.51	-3.64	11.71	2.87	0.93	0.001
PC-5p-4	17.43	17.54	14.68	21.64	1.58	9.02	-6.72	18.46	2.99	0.93	0.001
mtr-miR159a	17.42	17.49	15.53	21.39	1.21	6.93	-3.72	15.65	2.32	0.85	0.004
PC-3p-25825	22.01	22.07	19.54	25.40	1.33	6.02	-5.54	10.50	2.51	0.33	0.383
PC-5p-55716	20.39	20.45	18.79	23.25	1.29	6.31	-3.04	7.27	2.45	0.59	0.095
PC-3p-1770	22.97	23.07	20.66	25.63	1.99	8.64	-4.95	6.33	3.98	0.71	0.032
U6	15.42	15.67	12.37	22.64	2.23	14.26	-8.24	150.07	4.71	0.91	0.001

Table S3. Description of candidate reference miRNAs in flower development stages of ‘Feng Dan’ based on BestKeeper.

	geo Mean [Ct]	ar Mean [Ct]	min [Ct]	max [Ct]	std dev [± Ct]	CV [% Ct]	Min [x-fold]	Max [x-fold]	std dev [± x-fold]	coeff. Of corr. [r]	<i>p</i> -value
PC-5p-4	17.63	17.64	16.37	18.34	0.46	2.58	-2.40	1.63	1.37	0.82	0.023
PC-3p-871	27.86	27.87	26.32	28.80	0.51	1.83	-2.91	1.91	1.43	0.80	0.031
mtr-MIR160b-p3	28.05	28.06	27.02	28.49	0.37	1.33	-2.04	1.36	1.30	0.86	0.012
mtr-miR166a	23.78	23.79	22.40	25.03	0.58	2.45	-2.60	2.38	1.50	0.92	0.003
mtr-miR168b	22.26	22.28	20.84	23.16	0.57	2.56	-2.68	1.86	1.49	0.98	0.001
mtr-miR159a	16.37	16.40	14.76	17.77	0.65	3.97	-3.06	2.63	1.57	0.95	0.001
gma-miR394a-5p	25.97	25.97	25.54	26.51	0.29	1.11	-1.35	1.45	1.22	0.49	0.263
PC-5p-74547	26.65	26.65	26.16	27.04	0.30	1.14	-1.41	1.31	1.23	0.09	0.849
PC-3p-25825	24.63	24.64	23.53	25.48	0.50	2.04	-2.14	1.80	1.42	0.60	0.156
PC-5p-19095	26.30	26.31	24.80	27.18	0.73	2.78	-2.82	1.84	1.66	0.71	0.074
mtr-miR159a_L-1	16.33	16.38	14.30	18.33	0.96	5.89	-4.09	3.97	1.95	0.95	0.001
mtr-miR159a_1ss9GT	19.93	19.97	17.88	21.57	1.04	5.22	-4.13	3.12	2.06	0.95	0.001
U6	24.63	24.65	22.81	26.25	0.80	3.25	-3.52	3.06	1.74	0.83	0.020
rco-miR167a	28.23	28.27	26.24	30.62	1.13	3.99	-3.98	5.23	2.19	0.97	0.001
PC-3p-1770	25.67	25.69	23.89	27.11	0.81	3.16	-3.43	2.72	1.76	0.75	0.050
mtr-miR171e-3p	23.99	24.02	22.49	26.31	0.90	3.73	-2.84	4.99	1.86	0.64	0.125
PC-3p-70893	29.34	29.36	28.35	30.83	0.81	2.76	-1.98	2.80	1.75	-0.04	0.924
PC-5p-55716	25.01	25.08	21.00	27.00	1.30	5.20	-16.16	3.95	2.47	0.83	0.021

Table S4. Description of candidate reference miRNAs in flower development stages of ‘Lian He’ based on BestKeeper.

	geo Mean [Ct]	ar Mean [Ct]	min [Ct]	max [Ct]	std dev [± Ct]	CV [% Ct]	Min [x-fold]	Max [x-fold]	std dev [± x-fold]	coeff. Of corr. [<i>r</i>]	<i>p</i> -value
rco-miR167a	27.77	27.78	26.61	29.07	0.85	3.04	-2.23	2.47	1.80	0.86	0.013
mtr-miR159a_1ss9GT	20.11	20.12	19.20	21.00	0.63	3.11	-1.88	1.86	1.54	0.80	0.030
mtr-miR159a	15.63	15.65	14.30	16.56	0.73	4.69	-2.51	1.92	1.66	0.94	0.002
U6	17.87	17.89	16.62	19.06	0.58	3.26	-2.39	2.28	1.50	0.86	0.014
PC-5p-4	18.26	18.30	16.30	19.76	0.96	5.26	-3.90	2.84	1.95	0.94	0.001
PC-5p-19095	24.05	24.07	22.31	24.83	0.53	2.19	-3.35	1.72	1.44	0.68	0.090
PC-3p-1770	24.87	24.90	22.18	26.55	0.81	3.25	-6.45	3.21	1.75	0.86	0.014
mtr-miR171e-3p	22.76	22.80	20.53	24.60	1.32	5.80	-4.69	3.58	2.50	0.97	0.001
mtr-MIR160b-p3	30.62	30.67	27.38	32.59	1.40	4.57	-9.43	3.91	2.64	0.94	0.001
PC-3p-70893	29.99	30.04	27.59	31.99	1.47	4.89	-5.29	3.99	2.77	0.92	0.003
PC-3p-871	27.07	27.13	24.93	28.73	1.66	6.12	-4.43	3.16	3.16	0.98	0.001
mtr-miR168b	20.32	20.37	18.28	22.26	1.32	6.46	-4.11	3.83	2.49	0.83	0.022
PC-5p-55716	22.77	22.82	20.64	25.05	1.33	5.83	-4.38	4.84	2.51	0.69	0.086
PC-3p-25825	22.83	22.92	20.31	25.17	1.91	8.35	-5.74	5.08	3.77	0.96	0.001
gma-miR394a-5p	25.79	25.85	23.36	28.30	1.59	6.15	-5.38	5.69	3.01	0.98	0.001
mtr-miR159a_L-1	17.29	17.32	15.16	18.41	0.86	4.98	-4.36	2.17	1.82	0.48	0.270
PC-5p-74547	27.55	27.64	24.76	30.52	2.03	7.33	-6.93	7.82	4.07	0.97	0.001
mtr-miR166a	23.46	23.54	20.84	25.96	1.60	6.79	-6.12	5.67	3.03	0.60	0.156

Table S5. Description of candidate reference miRNAs in different tissues of ‘Feng Dan’ based on BestKeeper.

	geo Mean [Ct]	ar Mean [Ct]	min [Ct]	max [Ct]	std dev [± Ct]	CV [% Ct]	Min [x-fold]	Max [x-fold]	std dev [± x-fold]	coeff. Of corr. [r]	<i>p</i> -value
PC-5p-74547	28.57	28.60	25.75	29.78	1.22	4.26	-7.03	2.32	2.33	0.95	0.001
PC-3p-1770	24.72	24.77	22.34	26.26	1.27	5.12	-5.23	2.91	2.41	1.00	0.001
gma-miR394a-5p	25.81	25.84	23.84	27.30	0.90	3.47	-3.92	2.80	1.86	0.94	0.002
mtr-MIR160b-p3	29.13	29.16	26.40	30.63	1.08	3.71	-6.63	2.82	2.12	0.81	0.027
mtr-miR171e-3p	23.99	24.01	23.08	25.42	0.72	2.99	-1.88	2.68	1.64	0.89	0.007
PC-3p-871	26.11	26.11	25.18	26.53	0.37	1.42	-1.90	1.34	1.29	0.81	0.027
PC-5p-4	17.97	17.98	17.30	19.24	0.68	3.79	-1.58	2.41	1.60	0.55	0.199
PC-5p-55716	24.18	24.23	22.22	26.19	1.39	5.75	-3.89	4.03	2.63	0.80	0.030
PC-3p-25825	25.15	25.23	22.05	27.30	1.76	6.99	-8.52	4.45	3.40	0.98	0.001
mtr-miR168b	21.87	21.93	19.94	25.41	1.18	5.39	-3.82	11.63	2.27	0.75	0.052
PC-5p-19095	23.00	23.02	22.09	24.75	0.84	3.63	-1.89	3.34	1.78	-0.21	0.651
PC-3p-70893	32.69	32.78	28.53	35.33	2.02	6.15	-17.91	6.26	4.05	-0.38	0.400
U6	17.76	17.80	16.04	20.22	0.96	5.40	-3.29	5.49	1.95	0.56	0.191
mtr-miR166a	20.38	20.43	18.14	22.03	1.17	5.71	-4.73	3.15	2.24	0.38	0.405
rco-miR167a	24.88	24.97	22.78	28.66	1.88	7.55	-4.31	13.69	3.69	0.45	0.306
mtr-miR159a_L-1	17.03	17.14	15.04	21.75	1.68	9.80	-3.96	26.33	3.21	0.90	0.005
mtr-miR159a_1ss9GT	20.70	20.81	18.25	25.19	1.68	8.07	-5.47	22.35	3.20	0.89	0.007
mtr-miR159a	15.65	15.80	13.60	21.05	1.64	10.40	-4.16	42.00	3.12	0.84	0.019

Table S6. Description of candidate reference miRNAs in flower development stages of ‘Lian He’ based on BestKeeper.

	geo Mean [Ct]	ar Mean [Ct]	min [Ct]	max [Ct]	std dev [± Ct]	CV [% Ct]	Min [x-fold]	Max [x-fold]	std dev [± x-fold]	coeff. Of corr. [r]	<i>p</i> -value
mtr-miR171e-3p	23.96	24.00	22.12	26.22	1.33	5.55	-3.58	4.81	2.52	0.90	0.005
PC-3p-871	27.26	27.30	24.63	29.11	1.27	4.66	-6.20	3.60	2.41	0.94	0.001
PC-3p-25825	24.49	24.52	23.28	26.99	0.97	3.95	-2.31	5.63	1.96	0.84	0.019
mtr-miR159a_L-1	17.67	17.71	15.90	19.89	0.80	4.54	-3.43	4.66	1.75	0.75	0.051
PC-5p-4	18.58	18.61	16.87	20.19	1.01	5.40	-3.27	3.05	2.01	0.84	0.019
mtr-miR168b	21.33	21.35	20.04	23.15	0.94	4.41	-2.44	3.54	1.92	0.89	0.007
PC-3p-70893	31.14	31.19	29.27	34.47	1.52	4.88	-3.67	10.09	2.87	0.93	0.003
gma-miR394a-5p	25.84	25.87	24.53	28.53	1.00	3.85	-2.48	6.43	1.99	0.83	0.020
PC-5p-55716	24.43	24.45	22.94	26.19	0.68	2.76	-2.81	3.38	1.60	0.74	0.059
mtr-miR159a	15.42	15.44	14.58	17.48	0.69	4.44	-1.78	4.18	1.61	0.52	0.232
PC-5p-19095	25.09	25.10	24.47	26.24	0.48	1.92	-1.54	2.21	1.40	-0.61	0.144
mtr-MIR160b-p3	29.49	29.53	26.06	31.06	1.26	4.27	-10.74	2.97	2.40	0.28	0.544
PC-3p-1770	26.03	26.09	22.17	28.03	1.19	4.57	-14.49	4.01	2.29	0.63	0.132
mtr-miR166a	22.93	22.96	20.75	24.01	1.02	4.46	-4.52	2.12	2.03	0.40	0.372
mtr-miR159a_1ss9GT	21.53	21.70	18.70	26.92	2.45	11.27	-7.10	42.07	5.45	0.36	0.424
U6	20.00	20.20	17.08	24.43	2.70	13.37	-7.55	21.62	6.50	0.09	0.842
rco-miR167a	25.92	26.08	20.25	29.64	2.02	7.73	-50.82	13.14	4.05	-0.35	0.439
PC-5p-74547	26.04	26.55	15.57	29.34	3.14	11.82	-1414.85	9.89	8.80	0.51	0.247

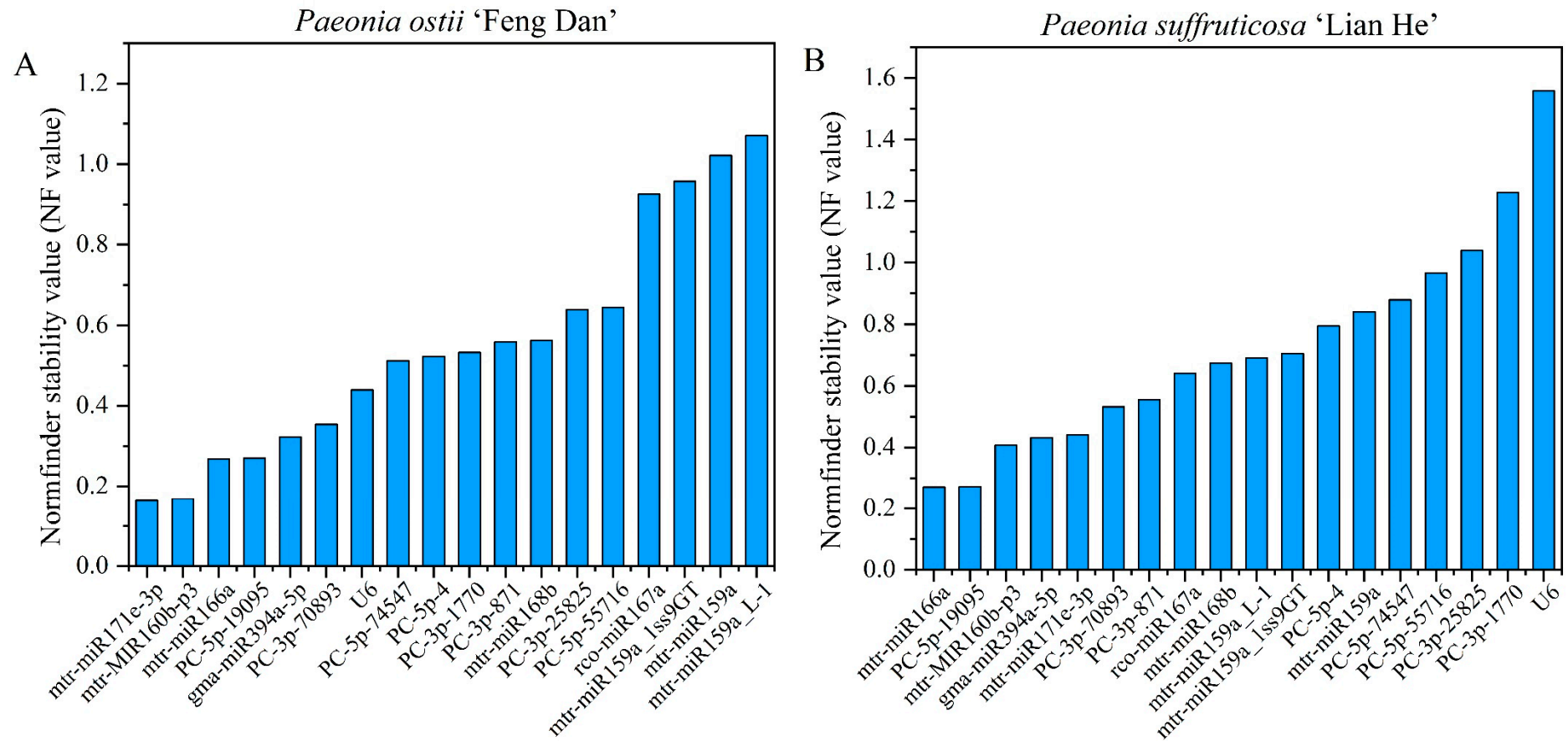


Figure S1. Expression stability analysis of candidate reference miRNAs in the bud development process calculated by NormFinder.

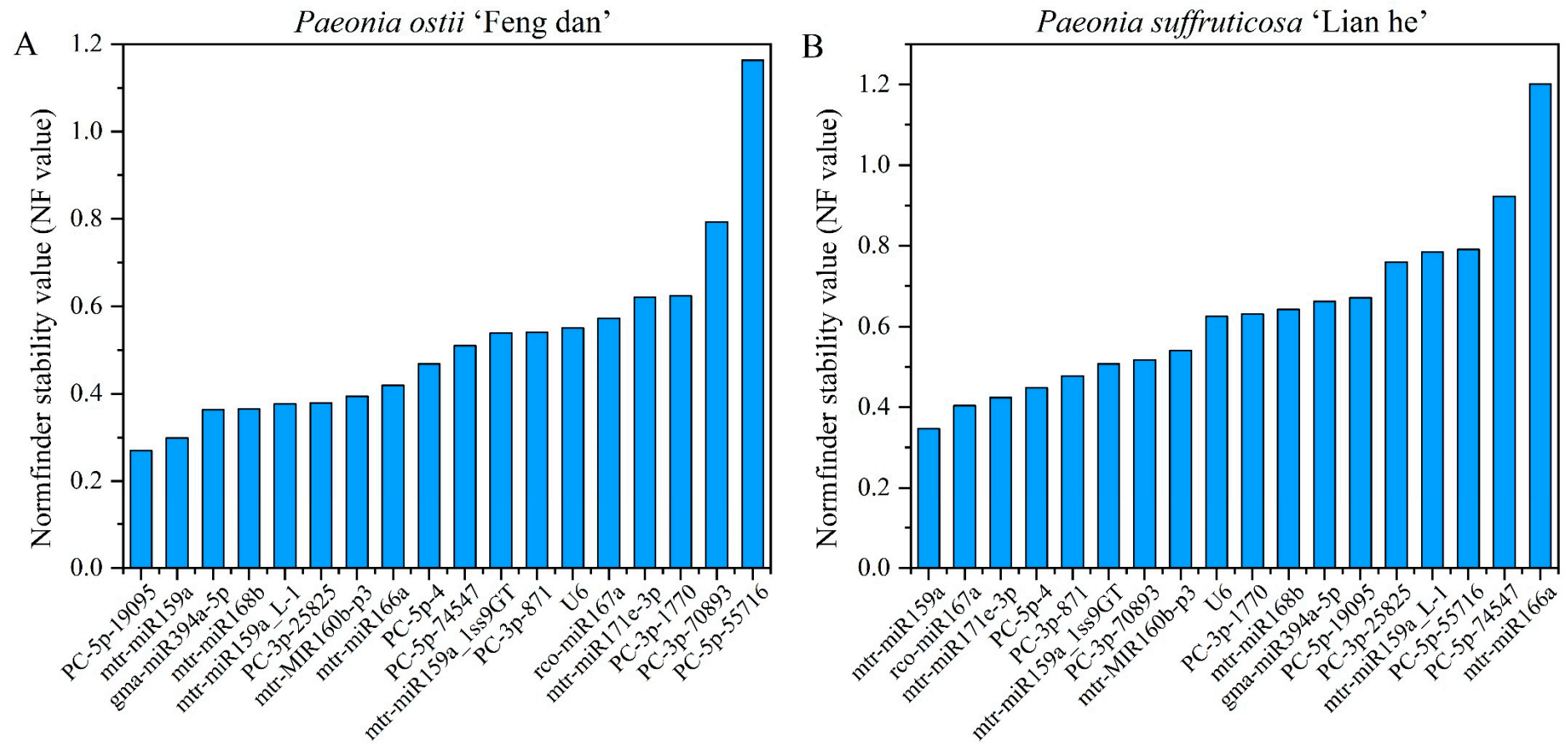


Figure S2. Expression stability analysis of candidate reference miRNAs in flower development stages calculated by NormFinder.

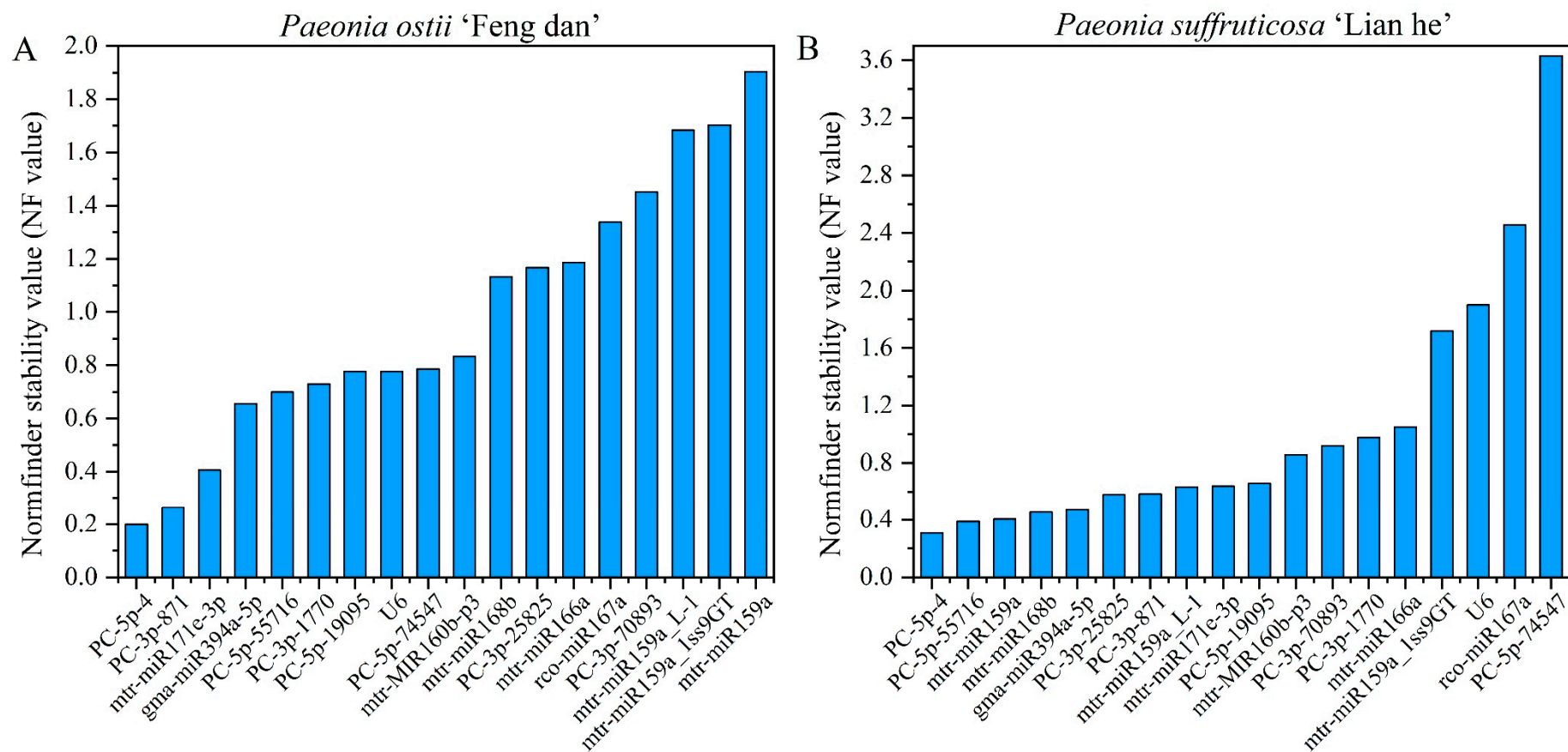


Figure S3. Expression stability analysis of candidate reference miRNAs in different tissues calculated by NormFinder.