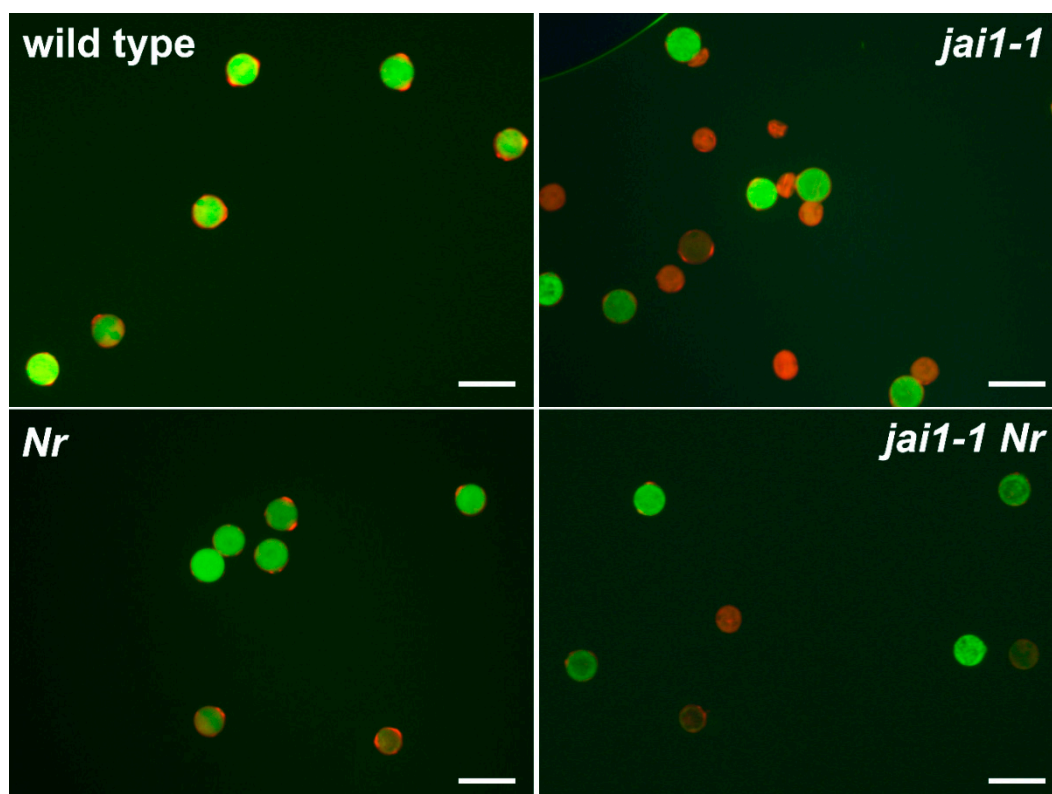


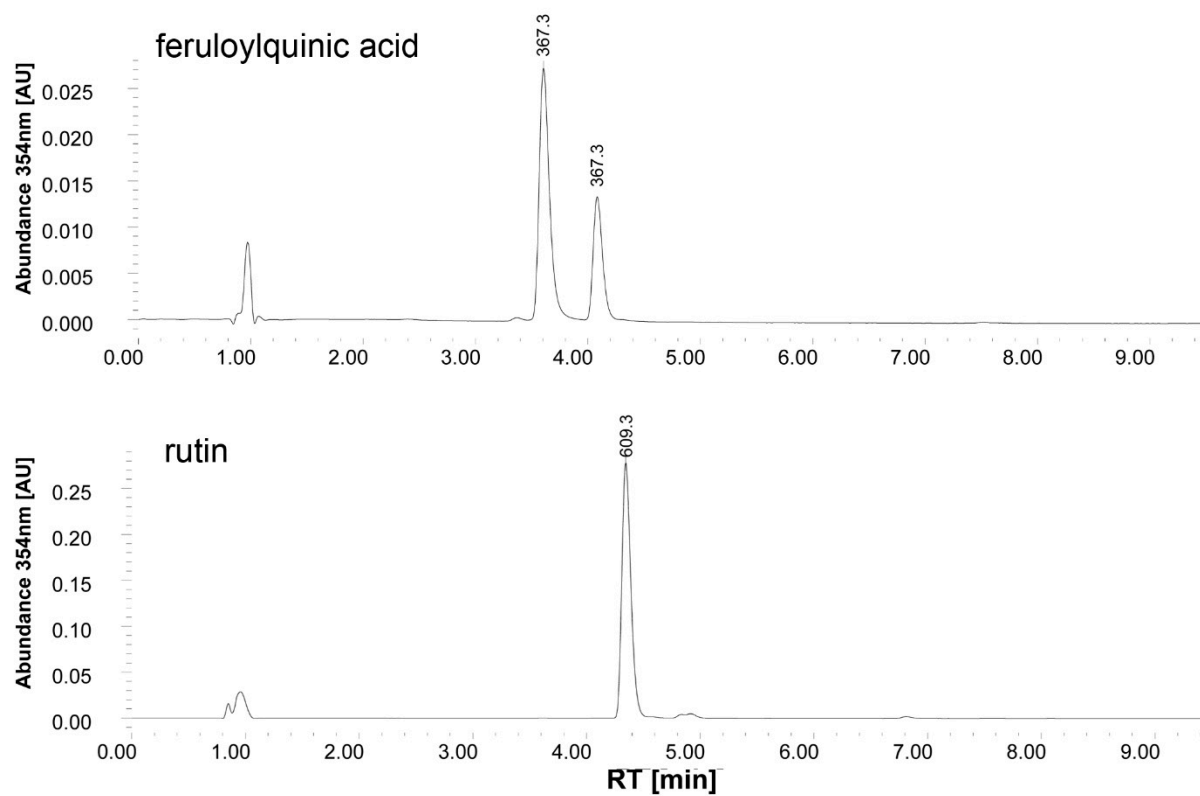
## Supplemental materials

## Supplemental Figures:



**Figure S1:** Pollen stained with fluorescein-diacetate and propidium iodide to determine their vitality.

Representative micrographs of pollen isolated from open flowers of the respective genotypes. Note that the majority of pollen from wild type and *Nr* exhibit green fluorescence, which is indicative for living cells, whereas a reasonable number of pollen from *jai1-1* and *jai1-1 Nr* shows red fluorescence due to the staining with propidium iodide indicative for dead cells. Bars represent 20  $\mu\text{m}$ .



**Figure S2:** LC-MS chromatograms of authentic standards.

Feruloylquinic acid was produced enzymatically using the phenylpropanoid and flavonoid O-methyltransferase (PFOMT) from ice plant Vogt et al. (2004) and resulted in an isomeric product mixture visible by two peaks with identical  $m/z$  ratio.

### Supplemental Tables:

**Table S1:** Relative transcript levels of JA and ET-regulated genes in four developmental stages of stamens from wild type, *Nr*, *jai1-1*, and *jai1-1 Nr*.

All transcript levels were determined by RT-qPCR using Benchmark system (Fluidigm) and set in relation to SITIP41. Mean values  $\pm$  SE are presented. Different letters designate statistically different values (1-factorial ANOVA followed by Tukey's HSD test;  $p \leq 0.05$ ).

<u>stage 3</u>	wild type		<i>Nr</i>		<i>jai1-1</i>		<i>jai1-1 Nr</i>	
ACC-Ox	0.4712 $\pm$ 0.2669	a	0.3928 $\pm$ 0.0597	a	2.8207 $\pm$ 0.6424	a	2.9967 $\pm$ 0.2986	a
ACC-Ox5	0.2524 $\pm$ 0.0391	a	0.2636 $\pm$ 0.1308	a	1.5049 $\pm$ 0.2921	a	1.8506 $\pm$ 0.3273	a
ACX1	8.7923 $\pm$ 1.3716	a	7.9017 $\pm$ 1.0758	a	5.7808 $\pm$ 0.5301	a	3.9620 $\pm$ 0.7384	a
AOX1b	0.0020 $\pm$ 0.0008	a	0.0021 $\pm$ 0.0012	a	0.0777 $\pm$ 0.0122	a	0.0293 $\pm$ 0.0052	a
bXylo	0.5002 $\pm$ 0.1589	a	0.7065 $\pm$ 0.3863	a	1.4225 $\pm$ 0.5296	a	2.5241 $\pm$ 0.3546	a
AP2/ERF	0.0143 $\pm$ 0.0015	a	0.0369 $\pm$ 0.0332	a	0.0976 $\pm$ 0.0797	a	0.1815 $\pm$ 0.1089	a
ETR6	<b>0.0100 <math>\pm</math> 0.0035</b>	<b>a</b>	<b>0.0019 <math>\pm</math> 0.0010</b>	<b>a</b>	<b>0.3510 <math>\pm</math> 0.0785</b>	<b>b</b>	<b>0.1027 <math>\pm</math> 0.0315</b>	<b>b</b>
GRAS	0.0256 $\pm$ 0.0250	a	0.0018 $\pm$ 0.0018	a	0.0002 $\pm$ 0.0002	a	0.0002 $\pm$ 0.0002	a
IAA-aaHy	<b>4.9023 <math>\pm</math> 0.6273</b>	<b>a</b>	<b>0.8181 <math>\pm</math> 0.8181</b>	<b>a</b>	<b>0.0701 <math>\pm</math> 0.0446</b>	<b>b</b>	<b>0.0657 <math>\pm</math> 0.0258</b>	<b>b</b>
JAZ2	1.6955 $\pm$ 0.4822	a	0.6412 $\pm$ 0.6412	a	0.2809 $\pm$ 0.0858	a	0.1532 $\pm$ 0.1122	a
JAZ9	0.0280 $\pm$ 0.0155	a	0.0090 $\pm$ 0.0056	a	0.0000	a	0.0000	a
LAP	18.2448 $\pm$ 16.2373	a	6.2946 $\pm$ 4.7610	a	0.0002 $\pm$ 0.0001	a	0.0002 $\pm$ 0.0002	a
Cel1	0.2951 $\pm$ 0.1327	a	0.4673 $\pm$ 0.1104	a	14.2057 $\pm$ 7.3152	a	9.6162 $\pm$ 4.3681	a
MADS	0.5266 $\pm$ 0.0959	a	0.2604 $\pm$ 0.0464	a	0.6050 $\pm$ 0.1024	a	0.6002 $\pm$ 0.0547	a
Meta7	0.0416 $\pm$ 0.0203	a	0.0277 $\pm$ 0.0047	a	0.3369 $\pm$ 0.1545	a	0.2582 $\pm$ 0.2157	a
MPF2	0.0005 $\pm$ 0.0003	a	0.0002 $\pm$ 0.0002	a	0.1130 $\pm$ 0.0086	a	0.0393 $\pm$ 0.0140	a
MYB21	29.1981 $\pm$ 5.8365	a	15.3240 $\pm$ 8.0706	a	7.3673 $\pm$ 0.7459	a	4.9896 $\pm$ 0.5975	a
MYBAN2	0.0088 $\pm$ 0.0088	a	0.0000	a	0.0003 $\pm$ 0.0002	a	0.0000	a
MYB-like	0.0218 $\pm$ 0.0081	a	0.0233 $\pm$ 0.0112	a	0.0119 $\pm$ 0.0024	a	0.0120 $\pm$ 0.0002	a
Pirin	0.0481 $\pm$ 0.0204	a	0.0238 $\pm$ 0.0075	a	0.2439 $\pm$ 0.0386	a	0.2663 $\pm$ 0.0680	a
RIN	0.0016 $\pm$ 0.0015	a	0.0003 $\pm$ 0.0003	a	0.0942 $\pm$ 0.0433	a	0.0170 $\pm$ 0.0131	a
Subti	0.0015 $\pm$ 0.0014	a	0.0122 $\pm$ 0.0103	a	0.0039 $\pm$ 0.0015	a	0.0115 $\pm$ 0.0075	a
TD2	<b>106.2915 <math>\pm</math> 54.4440</b>	<b>a</b>	<b>63.3677 <math>\pm</math> 41.5357</b>	<b>a</b>	<b>0.2753 <math>\pm</math> 0.0236</b>	<b>b</b>	<b>0.2242 <math>\pm</math> 0.0430</b>	<b>b</b>
TrypSyn	<b>1.0661 <math>\pm</math> 0.3713</b>	<b>a</b>	<b>0.5042 <math>\pm</math> 0.1466</b>	<b>a</b>	<b>0.0013 <math>\pm</math> 0.0006</b>	<b>b</b>	<b>0.0043 <math>\pm</math> 0.0022</b>	<b>b</b>
Xyloglu3	0.0680 $\pm$ 0.0078	a	0.8330 $\pm$ 0.7316	a	0.3816 $\pm$ 0.2328	a	0.2128 $\pm$ 0.0972	a

<u>stage 4</u>	wild type		<i>Nr</i>		<i>jai1-1</i>		<i>jai1-1 Nr</i>	
ACC-Ox	<b>0.5790 <math>\pm</math> 0.1487</b>	<b>a</b>	<b>0.3261 <math>\pm</math> 0.0249</b>	<b>a</b>	<b>1.7501 <math>\pm</math> 0.2114</b>	<b>b</b>	<b>2.5540 <math>\pm</math> 0.2974</b>	<b>b</b>
ACC-Ox5	1.0232 $\pm$ 0.4579	a	0.0876 $\pm$ 0.0219	a	0.3344 $\pm$ 0.1542	a	0.2311 $\pm$ 0.0560	a
ACX1	12.5988 $\pm$ 1.2091	a	8.6602 $\pm$ 1.0442	a	3.3553 $\pm$ 0.5349	a	3.8885 $\pm$ 0.9098	a
AOX1b	0.1264 $\pm$ 0.0507	a	0.0148 $\pm$ 0.0105	a	0.0164 $\pm$ 0.0086	a	0.0195 $\pm$ 0.0043	a
bXylo	0.1852 $\pm$ 0.0281	a	0.0884 $\pm$ 0.0240	a	0.1874 $\pm$ 0.0588	a	0.3600 $\pm$ 0.0235	a
AP2/ERF	<b>0.0562 <math>\pm</math> 0.0562</b>	<b>ab</b>	<b>0.0505 <math>\pm</math> 0.0151</b>	<b>a</b>	<b>0.7321 <math>\pm</math> 0.0970</b>	<b>b</b>	<b>0.6936 <math>\pm</math> 0.0657</b>	<b>b</b>
ETR6	0.2600 $\pm$ 0.0987	a	0.0138 $\pm$ 0.0066	a	0.1020 $\pm$ 0.0442	a	0.0185 $\pm$ 0.0021	a
GRAS	0.0002 $\pm$ 0.0001	a	0.0000	a	0.0000 $\pm$ 0.0000	a	0.0000	a
IAA-aaHy	<b>2.0758 <math>\pm</math> 1.4523</b>	<b>a</b>	<b>4.1320 <math>\pm</math> 0.1704</b>	<b>a</b>	<b>0.0188 <math>\pm</math> 0.0014</b>	<b>b</b>	<b>0.0505 <math>\pm</math> 0.0080</b>	<b>b</b>
JAZ2	6.2075 $\pm$ 2.1313	a	1.9820 $\pm$ 0.6015	a	0.3705 $\pm$ 0.1855	a	0.9623 $\pm$ 0.2046	a
JAZ9	0.0036 $\pm$ 0.0021	a	0.0135 $\pm$ 0.0047	a	0.0000	a	0.0001 $\pm$ 0.0001	a

LAP	0.5813 ± 0.0247	a	0.3575 ± 0.1003	a	0.0000	a	0.0004 ± 0.0004	a
Cel1	<b>5.7649 ± 2.5183</b>	<b>a</b>	<b>0.5008 ± 0.1101</b>	<b>b</b>	<b>43.7659 ± 9.3487</b>	<b>c</b>	<b>20.2118 ± 3.5641</b>	<b>c</b>
MADS	1.0425 ± 0.1032	a	0.3703 ± 0.0325	a	0.7739 ± 0.1311	a	0.7415 ± 0.1153	a
Meta7	0.3845 ± 0.2224	a	0.0216 ± 0.0015	a	0.2142 ± 0.0515	a	0.4280 ± 0.1747	a
MPF2	0.0001 ± 0.0001	a	0.0005 ± 0.0002	a	0.0628 ± 0.0158	a	0.0247 ± 0.0046	a
MYB21	<b>42.7316 ± 5.0046</b>	<b>a</b>	<b>36.1562 ± 1.4711</b>	<b>a</b>	<b>9.6939 ± 2.0089</b>	<b>b</b>	<b>8.7854 ± 0.1753</b>	<b>b</b>
MYBAN2	0.0000	a	0.0000	a	0.0002 ± 0.0001	a	0.0000	a
MYB-like	0.0160 ± 0.0087	a	0.0051 ± 0.0004	a	0.0114 ± 0.0022	a	0.0130 ± 0.0018	a
Pirin	0.0859 ± 0.0339	a	0.0167 ± 0.0040	a	0.1004 ± 0.0404	a	0.0514 ± 0.0122	a
RIN	0.0000	a	0.0001 ± 0.0001	a	0.0365 ± 0.0144	a	0.0660 ± 0.0226	a
Subti	0.0012 ± 0.0010	a	0.0014 ± 0.0004	a	0.0029 ± 0.0009	a	0.0045 ± 0.0024	a
TD2	<b>66.6793 ± 13.9023</b>	<b>a</b>	<b>59.1867 ± 13.5608</b>	<b>a</b>	<b>0.1075 ± 0.0146</b>	<b>b</b>	<b>0.0660 ± 0.0038</b>	<b>b</b>
TrypSyn	0.5211 ± 0.4685	a	0.6681 ± 0.1252	a	0.0006 ± 0.0006	a	0.0008 ± 0.0007	a
Xyloglu3	0.2386 ± 0.0241	a	0.1118 ± 0.0562	a	0.8262 ± 0.3004	a	0.7999 ± 0.0415	a

stage 5	wild type		Nr		jai1-1		jai1-1 Nr	
ACC-Ox	1.9981 ± 0.5095	a	1.6077 ± 0.3645	a	1.1837 ± 0.0855	a	1.5942 ± 0.1095	a
ACC-Ox5	0.5168 ± 0.2451	a	0.0450 ± 0.0232	a	0.0264 ± 0.0139	a	0.0300 ± 0.0067	a
ACX1	<b>14.4046 ± 3.2464</b>	<b>a</b>	<b>8.3851 ± 1.0674</b>	<b>a</b>	<b>3.8525 ± 0.8319</b>	<b>b</b>	<b>3.1069 ± 0.1571</b>	<b>b</b>
AOX1b	0.3221 ± 0.0222	a	0.0888 ± 0.0123	a	0.0166 ± 0.0066	a	0.0032 ± 0.0017	a
bXylo	0.1503 ± 0.0449	a	0.4521 ± 0.0742	a	0.0580 ± 0.0437	a	0.0627 ± 0.0114	a
AP2/ERF	0.6109 ± 0.3968	a	0.4740 ± 0.2376	a	0.8824 ± 0.0897	a	0.8802 ± 0.0247	a
ETR6	0.0503 ± 0.0271	a	0.0096 ± 0.0040	a	0.0678 ± 0.0231	a	0.0054 ± 0.0014	a
GRAS	0.0003 ± 0.0003	a	0.0001 ± 0.0001	a	0.0002 ± 0.0002	a	0.0000	a
IAA-aaHy	0.0535 ± 0.0304	a	0.0088 ± 0.0031	a	0.0131 ± 0.0062	a	0.0081 ± 0.0063	a
JAZ2	9.2644 ± 1.9052	a	28.4300 ± 23.5365	a	0.5977 ± 0.3013	a	0.8518 ± 0.0587	a
JAZ9	0.0003 ± 0.0003	a	0.0000	a	0.0000	a	0.0000	a
LAP	0.2704 ± 0.2193	a	0.0280 ± 0.0105	a	0.0008 ± 0.0004	a	0.0000	a
Cel1	15.8777 ± 8.1324	a	12.4718 ± 3.4393	a	28.8038 ± 5.4346	a	27.6376 ± 4.5335	a
MADS	0.9732 ± 0.2834	a	0.6556 ± 0.0377	a	0.9217 ± 0.1852	a	0.7008 ± 0.0442	a
Meta7	1.1400 ± 0.5761	a	0.3267 ± 0.0530	a	0.0761 ± 0.0300	a	0.0718 ± 0.0071	a
MPF2	0.0189 ± 0.0185	a	0.0003 ± 0.0003	a	0.0304 ± 0.0014	a	0.0140 ± 0.0028	a
MYB21	<b>42.3775 ± 11.1604</b>	<b>a</b>	<b>51.7808 ± 3.8583</b>	<b>a</b>	<b>14.4465 ± 1.6961</b>	<b>b</b>	<b>12.8757 ± 0.4711</b>	<b>b</b>
MYBAN2	0.0000	a	0.0002 ± 0.0002	a	0.0002 ± 0.0001	a	0.0000	a
MYB-like	0.0183 ± 0.0060	a	0.0122 ± 0.0034	a	0.0064 ± 0.0028	a	0.0119 ± 0.0008	a
Pirin	0.1416 ± 0.0077	a	0.0260 ± 0.0055	a	0.0505 ± 0.0142	a	0.0366 ± 0.0034	a
RIN	<b>0.0000</b>	<b>a</b>	<b>0.0000</b>	<b>a</b>	<b>0.0246 ± 0.0095</b>	<b>b</b>	<b>0.0070 ± 0.0033</b>	<b>b</b>
Subti	0.0003 ± 0.0002	a	0.0007 ± 0.0004	a	0.0005 ± 0.0005	a	0.0005 ± 0.0005	a
TD2	<b>24.2551 ± 6.9759</b>	<b>a</b>	<b>27.0128 ± 2.6992</b>	<b>a</b>	<b>0.2575 ± 0.0595</b>	<b>b</b>	<b>0.1458 ± 0.0090</b>	<b>b</b>
TrypSyn	0.0005 ± 0.0002	a	0.0001 ± 0.0000	a	0.0001 ± 0.0001	a	0.0000 ± 0.0000	a
Xyloglu3	0.5471 ± 0.1633	a	0.1062 ± 0.0256	a	0.1055 ± 0.0455	a	0.0914 ± 0.0152	a

stage 6	wild type		Nr		jai1-1		jai1-1 Nr	
ACC-Ox	7.2079 ± 1.0903	a	3.0021 ± 0.5001	a	4.1536 ± 2.2147	a	4.2906 ± 1.9331	a
ACC-Ox5	0.0174 ± 0.0053	a	0.0256 ± 0.0047	a	0.0268 ± 0.0145	a	0.0392 ± 0.0052	a

ACX1	7.3001 ± 1.0809	a	5.7879 ± 1.5728	a	3.9358 ± 0.3620	a	4.7079 ± 0.6227	a
AOX1b	0.0375 ± 0.0101	a	0.0317 ± 0.0171	a	0.0531 ± 0.0217	a	0.0236 ± 0.0147	a
bXylo	0.0878 ± 0.0151	a	0.3219 ± 0.1073	a	0.0351 ± 0.0147	a	0.0138 ± 0.0057	a
AP2/ERF	0.2648 ± 0.1399	a	0.6146 ± 0.0656	a	3.2172 ± 1.7817	a	1.2984 ± 0.2549	a
ETR6	0.0213 ± 0.0096	a	0.0023 ± 0.0005	a	0.9121 ± 0.7228	a	0.0167 ± 0.0095	a
GRAS	<b>0.0005 ± 0.0002</b>	<b>a</b>	<b>0.0000</b>	<b>b</b>	<b>0.0000</b>	<b>b</b>	<b>0.0000</b>	<b>b</b>
IAA-aaHy	0.0203 ± 0.0053	a	0.0048 ± 0.0008	a	0.0071 ± 0.0051	a	0.0022 ± 0.0017	a
JAZ2	11.6272 ± 2.0629	a	7.1288 ± 3.5678	a	1.1900 ± 0.6067	a	2.9077 ± 0.3890	a
JAZ9	0.0002 ± 0.0002	a	0.0000	a	0.0000	a	0.0000	a
LAP	0.0397 ± 0.0167	a	0.0215 ± 0.0124	a	0.0044 ± 0.0030	a	0.0003 ± 0.0003	a
Cel1	1.2831 ± 0.4853	a	4.1201 ± 0.4031	a	15.9382 ± 8.2183	a	7.8820 ± 4.0619	a
MADS	1.3139 ± 0.0312	a	0.6669 ± 0.0496	a	1.5920 ± 0.1956	a	0.8829 ± 0.1048	a
Meta7	0.0269 ± 0.0133	a	0.1056 ± 0.0450	a	0.0052 ± 0.0013	a	0.0149 ± 0.0080	a
MPF2	0.0008 ± 0.0004	a	0.0005 ± 0.0005	a	0.0120 ± 0.0060	a	0.0124 ± 0.0025	a
MYB21	23.8062 ± 2.5866	a	27.2789 ± 3.8392	a	17.2325 ± 1.6721	a	9.5256 ± 4.7683	a
MYBAN2	0.0012 ± 0.0005	a	0.0000 ± 0.0000	a	0.0509 ± 0.0255	a	0.0018 ± 0.0016	a
MYB-like	0.0603 ± 0.0092	a	0.0181 ± 0.0014	a	0.0069 ± 0.0028	a	0.0095 ± 0.0032	a
Pirin	0.0246 ± 0.0090	a	0.0102 ± 0.0026	a	0.3517 ± 0.2101	a	0.2357 ± 0.0803	a
RIN	0.0000	a	0.0000	a	0.0770 ± 0.0326	a	0.0564 ± 0.0181	a
Subti	0.0015 ± 0.0007	a	0.0009 ± 0.0004	a	0.0040 ± 0.0020	a	0.0005 ± 0.0003	a
TD2	11.5470 ± 2.3231	a	15.5387 ± 2.2769	a	6.8829 ± 5.9233	a	0.7639 ± 0.2330	a
TrypSyn	0.0023 ± 0.0016	a	0.0001 ± 0.0000	a	0.0000 ± 0.0000	a	0.0004 ± 0.0003	a
Xyloglu3	0.1523 ± 0.0407	a	0.1477 ± 0.0376	a	0.4362 ± 0.3254	a	0.1225 ± 0.0454	a

**Table S2:** Primer sequences for Fluidigm-qRT-PCR analysis with JA-regulated genes in stamen.

Gene (Abbreviation)	Sequence [5'->3']
<i>TIP41</i> (reference gene) ( <i>Solyc10g049850</i> )	for_ TCA GTG GGA GGA TTG TAA GG rev_ GGT TCT TTA GAC GCC AAT GC
<i>JAZ2</i> ( <i>Solyc12g009220</i> )	for_ CTG ATC AAT CTG GTG TGA GTT TTG rev_ CAG AAG GCT GTG GCA TTG AC
<i>JAZ9</i> ( <i>Solyc08g036640</i> )	for_ CAA GTA GAG GAA TGG AGA TG rev_ ATG GTG ATG AAG GCT CAG AC
<i>Leucin aminopeptidase (LAP)</i> ( <i>Solyc12g010040</i> )	for_ CCT GGT AAT GGC GGT GCT ATA A rev_ TCG AGA TGC AAC CAC TGA ACC
<i>Threonin deaminase 2 (TD2)</i> ( <i>Solyc09g008670</i> )	for_ CTT TAT GCC GTT ACC GTA ATC AGG rev_ GGA ATC TGG AAT CCC ATC AAC A
<i>MYB21</i> ( <i>Solyc02g067760</i> )	for_ TGC TGG TCT CAA ACG TAC TG rev_ TAG CCA TCG GAG TCT ACA AC
<i>ACX1A</i> ( <i>Solyc08g078390</i> )	for_ CAA ATG CTG TAT CAC TGG TTG ATG rev_ CCA TCA TAA CGT CCA AGA ATT GAA C
<i>Pirin</i> ( <i>Solyc09g098160</i> )	for_ CCT GGA ATG CCT TCC TCT AC rev_ AGA ACC AAA CGC TCC CTC TC
<i>AOX1b</i> ( <i>Solyc08g075550</i> )	for_ CGG GAC CTA AAT CAC TTT GC rev_ AAC TCA TGC CCT TGA CAC TG
<i>Metacaspase 7 (Meta7)</i> ( <i>Solyc10g081300</i> )	for_ AGC CAC TTA AAC AAG ATG AG rev_ TCT TCA TTA GCT TGA CAT CC
<i>Subtilisin-like Protease (Subti)</i> ( <i>Solyc01g087800</i> )	for_ TGA TGG TCT GCC AGA AAT CC rev_ GGG CCT ACA AAT TCC TTT CC
<i>Xyloglucan endotransglucosylase-hydrolase 3 (Xyloglu3)</i> ( <i>Solyc03g093130</i> )	for_ CCA AAG AAC CAA CCC ATG AG rev_ AGC CCA ATC ATC AGC ATT CC
<i>Endo-1,4-β-glucanase (Cel1)</i> ( <i>Solyc08g081620</i> )	for_ GGA TGG CCC ATG GCT TAT TC rev_ CAA TAG CAG CCC AAC TCA AC
<i>MADS-Box MPF2-like TF (MPF2)</i> ( <i>Solyc04g076280</i> )	for_ GCC TTT AGT GAC TGA CAT GG rev_ TAG ACT CAG ATG ATT GGC CC
<i>MADS-Box TF (MADS)</i> ( <i>Solyc04g076700</i> )	for_ GAA CTT GGA GAA CCA ACT GG rev_ TTC TTA CAC GAA CAC CAC GG
<i>ACC-Oxidase 5 (ACC-Ox5)</i> ( <i>Solyc07g026650</i> )	for_ GGA CAA TGT GAA GCA GTT CG rev_ GCT TCT TCA TGT TGG CTT CG
<i>IAA-aminoacid-hydrolase (IAA-aaHy)</i> ( <i>Solyc05g006220</i> )	for_ ATA GTT GCA TCT AGG GCT GG rev_ TGT GGT ATA GCA GCA TGT CC
<i>Tryptophan-Synthase (TrypSyn)</i> ( <i>Solyc10g005320</i> )	for_ GAC TAG GAA ACA AGC CAT GG rev_ AAC ACA TGT GGT TTG CCA CC
<i>ACC-Oxidase (ACC-Ox)</i> ( <i>Solyc02g036350</i> )	for_ TCA GTG GTC TCC AAC TAC TC rev_ GCA TCG GTG GAA CAT CAA TC
<i>RIN MADS-Box TF (RIN)</i> ( <i>Solyc05g012020</i> )	for_ CAA ACA TCA TGG CAT TGT GG rev_ ATG AGA AGG CTG TTC ATG TC
<i>ETR6</i> ( <i>Solyc09g089610</i> )	for_ GCT GCA GTG GTT GAA GAA TC rev_ TTC TGT TCC GTC AAC CTG TC
<i>AP2/ERF TF</i> ( <i>Solyc04g071770</i> )	for_ CTT CTT TCA GCC ACA AAC TC rev_ GCT GTT GCT ACT GCT ATT GC
<i>MYB-like TF</i> ( <i>Solyc05g052610</i> )	for_ GAC GAG ACT ACA CCA AAT CG rev_ CAA GAA CTG ATT TCC CAG GG
<i>MYB-TF AN2 (MYBAN2)</i> ( <i>Solyc10g086250</i> )	for_ CAT CTT GTT CCT GCT AGA GC rev_ CTG CAA CTC TTT CGA CAT CG
<i>GRAS-family TF (GRAS)</i> ( <i>Solyc02g092570</i> )	for_ TGC TAG TAG ATG AAG ACG CG rev_ CCG ATC TTA ATC TGC ACA CC