

Fig.1c

Individuals	phynotype	markers ^{1,2}						
		M-1	F1-4	F2-3	C7-1	D5-2	F3-4	M-2
F1-19	SC	A	H	H	H	H	H	H
F1-28	SC	A	A	H	H	H	H	H
F1-29	SI	A	A	A	A	A	H	H
F1-52	SC	H	H	H	H	H	H	A
F1-67	SC	H	H	H	H	H	A	A
F1-98	SC	A	A	H	H	H	H	H
F1-102	SC	A	H	H	H	H	H	H
F1-104	SC	H	H	H	H	H	A	A
F1-136	SI	H	A	A	A	A	A	A
F1-183	SC	A	H	H	H	H	H	H
F1-216	SI	H	A	A	A	A	A	A
F1-233	SC	A	H	H	H	H	H	H
F2-14	/	H	H	H	H	A	A	A
F2-53	/	A	A	A	A	H	H	H

¹SC genotype=H/B; SI genotype=A; ² The NSF location is indicated in green

Fig.1f

Replicates		Ct	
		StEF1-α	NSF
PI 225689	1	25.55	Undetermined
	2	25.65	36.65
	3	25.53	37.05
RH	1	25.93	24.31
	2	25.74	24.27
	3	25.68	24.17

Fig.1h

Replicates		Ct	
		StEF1-α	NSF
Empty Vector	1	25.37	37.02
	2	25.73	37.28
	3	25.58	37.00
L1	1	25.35	24.59
	2	25.20	24.58
	3	25.20	24.58
L2	1	25.60	24.60
	2	25.48	24.66
	3	25.58	24.65

Fig.2c

		Ct		
		StEF1- α	NSF	
Stage 1	Replicates	1	25.79	27.37
		2	25.87	27.31
		3	25.82	27.23
Stage 2		1	23.11	24.45
		2	23.12	24.73
		3	23.09	24.35
Stage 3		1	23.52	24.79
		2	23.54	25.03
		3	23.58	24.87
Stage 4		1	23.60	23.73
		2	23.10	25.20
		3	23.27	24.48
Style		1	19.72	22.22
		2	19.57	23.52
		3	19.63	23.87
Pollen		1	25.50	22.35
		2	25.57	21.98
		3	25.43	22.38

Fig. S1

		Ct					
	Replicates	StEF1- α	Q6869	Q6863	Q6862	Q6861	Q6860
PI 225689	1	25.55	28.27	32.46	35.15	Undetermined	33.61
	2	25.65	27.03	32.36	36.65	36.65	32.63
	3	25.53	26.91	34.58	35.22	37.05	33.38
RH	1	25.60	26.90	33.14	34.49	24.31	32.93
	2	25.48	27.11	33.14	33.84	24.27	32.91
	3	25.58	27.26	32.75	36.98	24.17	32.40

FPKM value of the genes used for Fig. S5

Gene ID	root	stem	tuber	swelling tuber	stolon	anther	bud	mature leaf	young leaf
<i>RHC12H2G2976 (NSF)</i>	0.00	0.03	0.00	0.04	0.00	5.49	0.12	0.00	0.00
<i>RHC01H2G3835</i>	0.13	1.03	0.40	0.83	0.17	8.30	14.74	0.29	0.02
<i>RHC01H2G3834</i>	0.79	0.17	1.41	0.08	0.51	4.23	1.75	0.40	0.05
<i>RHC01H2G3836</i>	0.20	0.12	0.28	0.40	0.17	63.08	0.58	0.56	0.88
<i>RHC01H1G4622</i>	5.72	4.56	3.50	4.30	5.23	5.20	3.47	6.75	3.71
<i>RHC01H2G4370</i>	51.47	37.12	12.85	23.46	18.46	39.27	21.05	29.98	24.09
<i>RHC01H1G3266</i>	3.95	7.19	4.00	3.67	3.17	5.60	4.95	3.28	4.10
<i>RHC01H2G4330</i>	39.14	27.44	20.19	21.10	23.37	31.63	56.59	20.95	26.62
<i>RHC01H2G2164</i>	34.68	28.60	4.04	11.48	29.53	39.92	27.16	17.39	21.87
<i>RHC01H1G0156</i>	66.35	68.07	15.00	16.50	11.36	37.23	69.93	15.42	4.89
<i>RHC01H2G5150</i>	3.89	4.58	2.76	2.48	0.94	6.64	4.52	5.10	4.90
<i>RHC01H1G1944</i>	0.06	0.04	0.11	0.17	0.07	0.11	0.08	0.01	0.01
<i>RHC01H1G1051</i>	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.00
<i>RHC01H2G0976</i>	0.00	0.04	0.00	0.04	0.00	8.58	0.04	0.00	0.09
<i>RHC01H1G0985</i>	0.00	0.00	0.00	0.00	0.00	4.77	0.02	0.05	0.00
<i>RHC01H2G3734</i>	0.15	0.26	0.08	0.13	0.20	4.24	0.11	0.05	0.09
<i>RHC01H1G2051</i>	2.75	1.99	0.19	0.57	2.33	13.18	4.52	2.39	5.60
<i>RHC01H2G2186</i>	5.24	3.66	0.28	0.94	5.59	17.89	5.60	2.00	5.42
<i>RHC01H2G2246</i>	0.24	0.22	0.42	0.18	0.08	0.79	0.19	0.06	0.40
<i>RHC01H2G1647</i>	0.00	0.00	0.00	0.00	0.00	0.45	0.03	0.00	0.00
<i>RHC01H2G1617</i>	0.00	0.00	0.00	0.00	0.00	1.64	0.04	0.00	0.00
<i>RHC01H1G1680</i>	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00
<i>RHC01H2G1725</i>	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00
<i>RHC01H1G1540</i>	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.03
<i>RHC01H2G1570</i>	0.00	0.00	0.00	0.00	0.00	1.47	0.03	0.00	0.00
<i>RHC01H2G0005</i>	0.00	0.00	0.00	0.00	0.00	0.39	0.01	0.00	0.00
<i>RHC01H2G1625</i>	0.00	0.00	0.00	0.00	0.00	0.39	0.01	0.00	0.00
<i>RHC01H1G1562</i>	0.00	0.00	0.00	0.01	0.00	0.42	0.00	0.00	0.00
<i>RHC01H1G1539</i>	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.00	0.00
<i>RHC01H1G1522</i>	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.00
<i>RHC01H2G1567</i>	0.00	0.02	0.00	0.00	0.00	1.07	0.02	0.00	0.00
<i>RHC01H2G1595</i>	0.00	0.01	0.00	0.00	0.00	0.97	0.00	0.34	0.10
<i>RHC01H1G3774</i>	0.02	0.10	0.13	0.00	0.00	0.46	0.12	0.02	0.06