DEVELOPMENTAL SERIES (TRIPLICATE ARRAYS, COLUMBIA BACKGROUND)

RNAs provided by MPI Tübingen (Schmid, Lohmann; development baseline), Univ. Leicester (Twell; pollen), MPI Cologne (Weisshaar; seed & silique development), Univ. Pennsylvania (Poethig; phase change), CAGE consortium (Kuiper; common reference samples) and Univ. Utrecht (Scheres; development on MS agar). Probes prepared and hybridized by Markus Schmid, Jan Lohmann and Monika Demar at the MPI Tübingen (Dept. Weigel).

#	Sample ID	Experiment description	Genotype	Tissue	Age	Photoperiod	Substrate
1	ATGE_1	development baseline	Wt	cotyledons	7 days	continuous light	soil
2	ATGE_2	development baseline	Wt	hypocotyl	7 days	continuous light	soil
3	ATGE_3	development baseline	Wt	roots	7 days	continuous light	soil
4	ATGE_4	development baseline	Wt	shoot apex, vegetative + young leaves	7 days	continuous light	soil
5	ATGE_5	development baseline	Wt	leaves 1 + 2	7 days	continuous light	soil
6	ATGE_6	development baseline	Wt	shoot apex, vegetative	7 days	continuous light	soil
7	ATGE_7	development baseline	Wt	seedling, green parts	7 days	continuous light	soil
8	ATGE_8	development baseline	Wt	shoot apex, transition (before bolting)	14 days	continuous light	soil
9	ATGE_9	development baseline	Wt	roots	17 days	continuous light	soil
10	ATGE_10	development baseline	Wt	rosette leaf #4, 1 cm long	10 days	continuous light	soil
11	ATGE_11	development baseline	*gl1*-T	rosette leaf #4, 1 cm long	10 days	continuous light	soil
12	ATGE_12	development baseline	Wt	rosette leaf # 2	17 days	continuous light	soil
13	ATGE_13	development baseline	Wt	rosette leaf # 4	17 days	continuous light	soil
14	ATGE_14	development baseline	Wt	rosette leaf # 6	17 days	continuous light	soil
15	ATGE_15	development baseline	Wt	rosette leaf # 8	17 days	continuous light	soil
16	ATGE_16	development baseline	Wt	rosette leaf # 10	17 days	continuous light	soil
17	ATGE_17	development baseline	Wt	rosette leaf # 12	17 days	continuous light	soil
18	ATGE_18	development baseline	*gl1*-T	rosette leaf # 12	17 days	continuous light	soil
19	ATGE_19	development baseline	Wt	leaf 7, petiole	17 days	continuous light	soil
20	ATGE_20	development baseline	Wt	leaf 7, proximal half	17 days	continuous light	soil
21	ATGE_21	development baseline	Wt	leaf 7, distal half	17 days	continuous light	soil
22	ATGE_22	development baseline	Wt	developmental drift, entire rosette after transition to flowering, but before bolting	21 days	continuous light	soil
23	ATGE_23	development baseline	Wt	as above	22 days	continuous light	soil
24	ATGE_24	development baseline	Wt	as above	23 days	continuous light	soil
25	ATGE_25	development baseline	Wt	senescing leaves	35 days	continuous light	soil
26	ATGE_26	development baseline	Wt	cauline leaves	21+ days	continuous light	soil
27	ATGE_27	development baseline	Wt	stem, 2nd internode	21+ days	continuous light	soil
28	ATGE_28	development baseline	Wt	1st node	21+ days	continuous light	soil
29	ATGE_29	development baseline	Wt	shoot apex, inflorescence (after bolting)	21 days	continuous light	soil
30	ATGE_31	development baseline	Wt	flowers stage 9	21+ days	continuous light	soil
31	ATGE_32	development baseline	Wt	flowers stage 10/11	21+ days	continuous light	soil
32	ATGE_33	development baseline	Wt	flowers stage 12	21+ days	continuous light	soil
33	ATGE_34	development baseline	Wt	flowers stage 12, sepals	21+ days	continuous light	soil
34	ATGE_35	development baseline	Wt	flowers stage 12, petals	21+ days	continuous light	soil
35	ATGE_36	development baseline	Wt	flowers stage 12, stamens	21+ days	continuous light	soil
36	ATGE_37	development baseline	Wt	flowers stage 12, carpels	21+ days	continuous light	soil
37	ATGE_39	development baseline	Wt	flowers stage 15	21+ days	continuous light	soil
38	ATGE_40	development baseline	Wt	flowers stage 15, pedicels	21+ days	continuous light	soil

#	Sample ID	Experiment description	Genotype	Tissue	Age	Photoperiod	Substrate
39	ATGE_41	development baseline	Wt	flowers stage 15, sepals	21+ days	continuous light	soil
40	ATGE_42	development baseline	Wt	flowers stage 15, petals	21+ days	continuous light	soil
41	ATGE_43	development baseline	Wt	flowers stage 15, stamen	21+ days	continuous light	soil
42	ATGE_45	development baseline	Wt	flowers stage 15, carpels	21+ days	continuous light	soil
43	ATGE_46	development baseline	*clv3-7*	shoot apex, inflorescence (after bolting)	21+	continuous light	soil
44	ATGE_47	development baseline	*lfy-12*	shoot apex, inflorescence (after bolting)	21+ days	continuous light	soil
45	ATGE_48	development baseline	*ap1-15*	shoot apex, inflorescence (after bolting)	21+ days	continuous light	soil
46	ATGE_49	development baseline	*ap2-6*	shoot apex, inflorescence (after bolting)	21+ days	continuous light	soil
47	ATGE_50	development baseline	*ap3-6*	shoot apex, inflorescence (after bolting)	21+ days	continuous light	soil
48	ATGE_51	development baseline	*ag-12*	shoot apex, inflorescence (after bolting)	21+ days	continuous light	soil
49	ATGE_52	development baseline	*ufo-1*	shoot apex, inflorescence (after bolting)	21+ days	continuous light	soil
50	ATGE_53	development baseline	*clv3-7*	flower stage 12; multi-carpel gynoeceum; enlarged meristem; increased organ number	21+	continuous light	soil
51	ATGE_54	development baseline	*lfy-12*	flower stage 12; shoot characteristics; most organs leaf-like	21+ days	continuous light	soil
52	ATGE_55	development baseline	*ap1-15*	flower stage 12; sepals replaced by leaf-like organs, petals mostly lacking, 2° flowers	21+ days	continuous light	soil
53	ATGE_56	development baseline	*ap2-6*	flower stage 12; no sepals or petals	21+ days	continuous light	soil
54	ATGE_57	development baseline	*ap3-6*	flower stage 12; no petals or stamens	21+ days	continuous light	soil
55	ATGE_58	development baseline	*ag-12*	flower stage 12; no stamens or carpels	21+ days	continuous light	soil
56	ATGE_59	development baseline	*ufo-1*	flower stage 12; filamentous organs in whorls two and three	21+ days	continuous light	soil
57	ATGE_73	pollen	Wt	mature pollen	6 wk	continuous light	soil
58	ATGE_76	seed & silique development	Wt	siliques, w/ seeds stage 3	8 wk	long day	soil
59	ATGE_77	seed & silique development	Wt	siliques, w/ seeds stage 4	8 wk	long day`	soil
60	ATGE_78	seed & silique development	Wt	siliques, w/ seeds stage 5	8 wk	long day	soil
61	ATGE_79	seed & silique development	Wt	seeds, stage 6, w/o siliques	8 wk	long day	soil
62	ATGE_81	seed & silique development	Wt	seeds, stage 7, w/o siliques	8 wk	long day	soil
63	ATGE_82	seed & silique development	Wt	seeds, stage 8, w/o siliques	8 wk	long day	soil
64	ATGE_83	seed & silique development	Wt	seeds, stage 9, w/o siliques	8 wk	long day	soil
65	ATGE_84	seed & silique development	Wt	seeds, stage 10, w/o siliques	8 wk	long day	soil
66	ATGE_87	phase change	Wt	vegetative rosette	7 days	short day (10/14)	soil
67	ATGE_89	phase change	Wt	vegetative rosette	14 days	short day (10/14)	soil
68	ATGE_90	phase change	Wt	vegetative rosette	21 days	short day (10/14)	soil
69	ATGE_91	comparison with CAGE	Wt	leaf	15 days	long days	1x MS agar, 1% sucrose
70	ATGE_92	comparison with CAGE	Wt	flower	28 days	long days (16/8)	soil
71	ATGE_93	comparison with CAGE	Wt	root	15 days	long day	1x MS agar, 1% sucrose
72	ATGE_94	development on MS agar	Wt	root	8 days	continuous light	1x MS agar
73	ATGE_95	development on MS agar	Wt	root	8 days	continuous light	1x MS agar, 1% sucrose
74	ATGE_96	development on MS agar	Wt	seedling, green parts	8 days	continuous light	1x MS agar
75	ATGE_97	development on MS agar	Wt	seedling, green parts	8 days	continuous light	1x MS agar, 1% sucrose
76	ATGE_98	development on MS agar	Wt	root	21 days	continuous light	1x MS agar
77	ATGE_99	development on MS agar	Wt	root	21 days	continuous light	1x MS agar, 1% sucrose
78	ATGE_100	development on MS agar	Wt	seedling, green parts	21 days	continuous light	1x MS agar
79	ATGE_101	development on MS agar	Wt	seedling, green parts	21 days	continuous light	1x MS agar, 1% sucrose