

Supplementary table 2: Comparison of microarray results presented in this study with the results published by Taniguchi *et al.* (2007).

The results of our microarray study were compared with the Northern blot results presented in Taniguchi *et al.* (2007; Table 1). For genes with more than one target on the microarray the results for each target are listed separately. Genes for which no results could be obtained in our study are grayed and the reason is indicated.

✓: positive result; (✓): positive by fold-change but insignificant p-value; ✗: negative result. A p-value of ≤ 0.05 was regarded as significant. Significant p-values are in bold face. The cytokinin effect indicates if a transcript was regulated by cytokinin, the genotype effect indicates if a transcript was influenced by the expression of the *ARR1:SRDX* gene, and the interaction effect indicates if the regulation by cytokinin of a transcript was influenced by the expression of the *ARR1:SRDX* gene. WT, wild type; GST, gene-specific tag.

Gene product	AGI ID	CATMA ID	Induction by cytokinin confirmed in WT	Lower expressed in ARR1-S-8	Induction by cytokinin diminished and/or delayed in ARR1-S-8	p-value of cytokinin effect	p-value of genotype effect	p-value of interaction effect	Number of spots above background
ARR3	At1g59940	CATMA1a48985	✓	✗	✗	6.19E-10	7.05E-02	1.17E-02	23
ARR4	At1g10470	CATMA1a09322	✓	✓	✓	7.81E-13	1.77E-04	3.59E-02	60
ARR5	At3g48100	CATMA3a41123	not detected						0
ARR6	At5g62920	CATMA5a58475	✓	✓	✓	1.54E-19	1.67E-06	3.33E-02	11
ARR7	At1g19050	CATMA1a18090	✓	✓	✓	8.43E-12	2.20E-08	4.77E-02	38
ARR8	At2g41310	CATMA2a39655	✓	✓	(✓)	3.82E-07	2.75E-02	6.15E-01	26
ARR9	At3g57040	CATMA3a50023	✓	✗	(✓)	3.02E-03	2.27E-05	3.74E-01	34
ARR15	At1g74890	CATMA1c72157	not on array						
ARR16	At2g40670	CATMA2a38980	✓	✓	✓	8.74E-17	5.52E-15	1.50E-04	18
ARR17	At3g56380	CATMA3c57821	not on array						
Cytokinin oxidase (CKX4)	At4g29740	CATMA4a31370	✓	✓	✓	9.98E-17	7.98E-11	1.38E-08	29
Cytokinin hydroxylase (CYP735A2)	At1g67110	CATMA1a56420	not detected						3
Putative disease resistance response protein	At4g11190		no CATMA GST						
Putative glutaredoxin	At2g30540	CATMA2c47507	not on array						
Expansin (EXP1)	At1g69530	CATMA1a58850	✓	✗	✓	5.98E-08	1.11E-10	1.86E-02	60
Putative glutathione S-transferase	At2g29490	CATMA2c47489	not on array						
Nodulin-like protein (NIP1;1) (NLM1)	At4g19030	CATMA4a20180	not detected						0
		CATMA4c42390	not on array						
Putative disease resistance response protein	At4g11210		no CATMA GST						
Putative transferase-family protein	At2g40230	CATMA2a38490	✓	✓	✓	8.39E-06	3.21E-16	4.08E-02	58
AUX/IAA family protein (IAA3) (SHY2)	At1g04240	CATMA1a03102	not detected						0
Fascilin-like arabinogalactan protein (FLA6)	At2g20520	CATMA2a19020	not detected						1
Putative glutaredoxin	At3g62930	CATMA3a56110	✓	✗	✓	3.09E-04	1.45E-02	4.05E-01	58
RING finger protein	At1g76410	CATMA1c72178	not on array						