

Supplementary Information

Table S1. RCAR1/PYL9-interacting proteins obtained by yeast two-hybrid assay in *Arabidopsis*.

Clone	Accession Numbers in TAIR ^a	AA Sequence in Library	AA Sequence in TAIR ^a	Numbers of Clones
AtMYB44	AT5G67300	48-305	305	3
AtMYB70	AT2G23290	68-144	309	1
AtMYB77	AT3G50060	26-286	301	1
ABI2	AT5G57050	56-227	423	4
Leucine-rich repeat receptor-like protein kinase 902 (RLK902)	AT3G17840	459-647	647	1
UDP-glucosyl transferase 71C5 (UGT71C5)	AT1G07240	323-480	480	1
Gln synthetase (ATGSR2)	AT1G66200	245-414	430	6
Glutamyl-tRNA reductase (HEMA1)	AT1G58290	323-543	543	12
Starch excess1 (SEX1)	AT1G10760	1186-1385	1399	4
ArathEULS3	AT2G39050	160-317	317	2
UBQ10	AT4G05320	32-324	464	2
Indole-3-acetonitrile nitrile hydratase (NIT1)	AT3G44310	192-346	346	1
Voltage dependent anion channel 3 (VDAC3)	AT5G15090	61-274	274	2

^a TAIR, The *Arabidopsis* Information Resource.

Table S2. Primers used in this article.

Assays	Genes	Primer Sequences (5'-3') ^a	
Primers for yeast two-hybrid assay	<i>RCAR1/PYL9</i>	F: CTTGAATTCATGGACGGCGTTGAAGGCG R: AA CTGCAG TCACTGAGTAATGTCCTGAGAAGCC	
	<i>RCAR3/PYL8</i>	F: CCGGAATTCATGGAAGCTAACGGGATTGAGAAC R: AA CTGCAG TTAGACTCTCGATTCTGTCGTGTCTTG	
	<i>RCAR8/PYL5</i>	F: GGAATTCATGGAACTTCTCAAAAATATCATACTG R: CGGGATCCTTACAACCTTAGATGAGCCACCCTC	
	<i>RCAR11/PYR1</i>	F: CCGGAATTCATGCCTTCGGAGTTAACACC R: CGCGGATCCTCACGTCACCTGAGAACCACCT	
	<i>AtMYB44</i>	F: TGGAATTCATGGCTGATAGGATCAAAGGTC R: TCC CTCGAG TAAACAGTTTCTAATAATCTCAC	
	<i>AtMYB70</i>	F: TGGAATTCATGTCTGGTTCGACCCGG R: AGC CTCGAG CTACTCGATCCTACCTAATCCAAT	
	<i>AtMYB73</i>	F: TAGGAATTCATGTCAAACCCGACCCGT R: ATC CTCGAG CTGAACTTTTATTTTCCCGAG	
	<i>AtMYB77</i>	F: TGGAATTCATGGCTGATCGTGTAAAGGT R: TAC CTCGAG CTACTCAACCTTAGGTGTTACTACTC	
	<i>AtMYB2</i>	F: TGGAATTCATGGAAGATTACGAGCGAATA R: TAC CTCGAG TTAATTATACGAATACGATGTCGTA	
	Primers for GST pull-down assay and PP2C enzyme assay	<i>RCAR1/PYL9</i>	F: CTTGAATTCATGGACGGCGTTGAAGGCG R: TCC CTCGAG TCACTGAGTAATGTCCTGAGAAGCC
		<i>AtMYB44</i>	F: TGGAATTCATGGCTGATAGGATCAAAGGTC R: TCC CTCGAG TAAACAGTTTCTAATAATCTCAC
		<i>ABI1</i>	F: TTAGGATCCATGGAGGAAGTATCTCCGGC R: CTC AAGCTT CAGTTCAAGGGTTTGCTC
Primers for BIFC assay	<i>RCAR1/PYL9</i>	F: TGTCTAGAAATGGACGGCGTTGAAGGCG R: TCC GTTCGAC CTGAGTAATGTCCTGAGAAGCC	
	<i>AtMYB44</i>	F: TGTCTAGAAATGGCTGATAGGATCAAAGGTC R: TCC GTTCGAC CTCGATTCTCCCAACTCCAATTTG	
Primers for qRT-PCR analysis	<i>AtMYB44</i>	F: GTTGTGCTACCGCTTCCTATCG R: ATGTAACCTCACTTCCGCCT	
	<i>RAB18</i>	F: ATGGCGTCTTACCAGAACCGT R: CCAGATCCGGAGCGGTGAAGC	
	<i>ACTIN2/8</i>	F: GGTAACATTGTGCTCAGTGGTGG R: AACGACCTTAATCTTCATGCTGC	
Primers for transient activation assay	<i>RCAR1/PYL9</i>	F: TGTCTAGAAATGGACGGCGTTGAAGGCG R: CGAGCTCTCA AGCGTAATCTGGAACATCGTATGGGTA CTGAGTAATGTCCTG	
	<i>AtMYB44</i>	F: TGTCTAGAAATGGCTGATAGGATCAAAGGTC R: CGAGCTCTCA ATCCTCCTCAGAAATCAACTTTTGCTC CTCGATTCTCCCAAC	

^a Restriction sites are marked in red, and nucleotide sequences of HA-tag or Myc-tag are marked in blue.

F indicates forward primer, and R indicates reverse primer.