Table S1. Primers used for screening Salk T-DNA collection

	Forward	Reverse
ARR3	5'ggaactagtagcaatatctctcttctatcttttc	5'cacagaggtaaactgtcacacattatttg
ARR4	5'tttatgtgcgacacgttgatgactacttt	5'ggaggcgcgagagattaaagggacatctat
ARR5	5'tctctctgtggtacatttcttgaaaaatggg	5'cttggggaaatttctaagaaaagccatgta
ARR6	5'tgtagaagttaaatgcgtgaacttccaca	5'gctatggtgaatcctcttgacaagttactc
ARR8	5'caaatggctgttaaaacccaccaata	5'ccattgttagtgtgctatcacctgagtg
ARR9	5'ggatcccagactctttatttctcttcctc	5'cccacatacaacatcatcatcatattcc

Table S2. Sites of T-DNA insertions

	Locus	Site of T-DNA insertion on genomic sequence (**A**TG=1)
arr3	At1g59940	801
arr4	At1g10470	817
arr5	At3g48100	689
arr6	At5g62920	1021
arr8	At2g41310	35
arr9	At3g57040	782

Table S3. Primers for RT-PCR

	Forward	Reverse
ARR3	5'tgtcgtcggagaatgtaatga	5'agattccatcgaggatgtgg
ARR8	5'tggaaacagagtcaaagttcca	5'tgtggcgatgtagagagtgc

Table S4. Primers for cloning ARR promoters

	Forward	Reverse
ARR3	5'catgtctagaactccaacacatcctttcaatagc	5'ctttggccatcctgagaaaagagtagg
ARR4	5'aaagtcgacgattttatgtgcgacacgtt	5'aaactcgagagcttatagtaactgtgagg
ARR6	5'tcgggagagagccaagcttctctaaa	5'tgatcaacgaatgttgagggatttggaa
ARR8	5'aagcttgggttaatgtggggcacc	5'tacgtagatattcaatcgaaa
ARR9	5'gaattcgccggtctaaaagtgacgagt	5'tgcgcagaaacttgaagataacaa

Figure S1. *arr* mutants display subtle morphological differences under short day conditions.

Plants were grown in short–day conditions (8hr light, 16hr dark) for nine weeks. Four fully expanded rosette leaves from at least five plants per genotype were measured. Open bars represent total length of rosette leaves, closed bars represent % length of petioles / total leaves and error bars represent standard error, n>20.

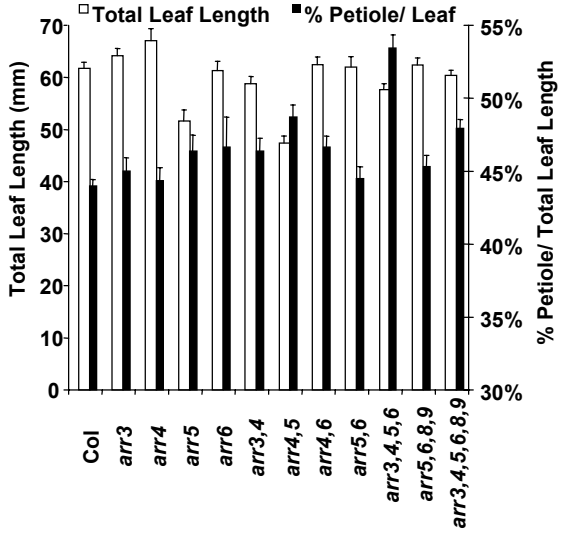

Figure S2. *arr* mutants show increased propensity to generate shoots on low auxin: cytokinin ratios.

Shoot initiation assays were conducted as described in methods. Photographs show all five hypocotyls of the indicated genotypes incubated on the same plate at the concentrations noted.