

<b>Supplemental Table IV. Leaf developmental phenotypes of selected ILs and genetic effects of eQTL (bin) on transcript levels of candidate genes.</b>							
<b>ILs with significant leaf phenotype and associated eQTL(bin)</b>			<b>Leaf developmental genes regulated by the regulatory eQTL(bin)</b>				
<b>ILs</b>	<b>Leaf developmental phenotype</b>	<b>Regulatory eQTL(bin)</b>	<b>itag</b>	<b>chromosomal location</b>	<b>Arabidopsis_ orthologue</b>	<b>Gene_name</b>	<b>Nature of regulation</b>
<b>IL2.1</b>	transgressively narrower leaflet; reduced leaf complexity	2C	Solyc02g064960	ch02:30651561-30655131	AT4G36920	APETALA 2	cis_down
		2C	Solyc12g010370	ch12:3424498-3425863	AT4G28190	ULTRAPETALA 1	trans_up
		2C	Solyc12g010760	ch12:3676998-3678363	AT4G28190	ULTRAPETALA 1	trans_up
<b>IL4.3</b>	wider leaflet; decreased length-to-width ratio; decreased serration and lobing; decreased leaf complexity	4I	Solyc04g079830	ch04:61729325-61740234	AT4G36870	SAWTOOTH 1	cis_up
		4I	Solyc04g080780	ch04:62460512-62462135	AT1G75430	BEL1-LIKE HOMEODOMAIN 11	cis_up
		4H	Solyc05g012840	ch05:5987496-5988167	AT3G15030	TCP5	trans_up
		4I	Solyc05g026480	ch05:41470829-41477244	AT4G32551	LEUNIG	trans_up
<b>IL5.4</b>	wider leaflet; transgressively more serrated and has increased leaf complexity	5F	Solyc05g054180	ch05:63284096-63288543	AT5G48160	OBERON 2	cis_up
		5D	Solyc12g010370	ch12:3424498-3425863	AT4G28190	ULTRAPETALA 1	trans_up
		5D	Solyc12g010760	ch12:3676998-3678363	AT4G28190	ULTRAPETALA 1	trans_up
<b>IL8.1/IL8.1.1/ IL8.1.5</b>	Strong decrease in leaf complexity; decreased serration	8B	Solyc06g065630	ch06:37403377-37405689	AT5G11320	YUCCA 4	trans_down
		8B	Solyc08g048390	ch08:39810608-39811771	AT4G18390	TCP2	cis_up
		8A	Solyc04g077490	ch04:60022685-60026057	AT4G37750	AINTEGUMENTA	trans_down
		8A	Solyc06g065630	ch06:37403377-37405689	AT5G11320	YUCCA 4	trans_down
		8A	Solyc08g006910	ch08:1487865-1491860	AT4G32551	LEUNIG	cis_down
		8A	Solyc12g014500	ch12:5468306-5475778	AT5G55250	IAA CARBOXYLMETHYLTRANSFERASE 1	trans_down
<b>IL9.1.2</b>	transgressively narrower leaflet; reduced leaf complexity; increased serration and lobing	9A	Solyc06g074730	ch06:42661355-42667953	AT2G27880	ARGONAUTE 5	trans_up
		9B	Solyc07g062470	ch07:62414891-62417919	AT2G42610	LIGHT-DEPENDENT SHORT HYPOCOTYLS 10	trans_up
		9B	Solyc09g007830	ch09:1356808-1361135	AT2G37210	LONELY GUY 3	cis_down