

























Table S1. RT-PCR validation of differentially expressed genes. RNA concentrations were adjusted using the actin gene.

Categories	Probe set ID	Genbank Accession	Gene	Ratio of microarray signal	RT PCR
					0h AP:0h AZ:0h BP
Tissue-specific					
<u>AZ</u>					
	LesAffx.39.1.S1_at	CN385433	Peroxidase 72 precursor	0.009:1:0.087	
	Les.3668.1.S1_at	U09026.1	Lipoxygenase	0.044:1:0.477	
	LesAffx.61901.1.S1_at	AW931428	Patatin-like phospholipase	0.093:1:0.114	
	Les.4938.1.S1_at	BT012940.1	Unknown	0.059:1:0.278	
	Les.4136.1.S1_at	AJ538329.1	Wuschel	0.06:1:0.065	
	LesAffx.24134.1.S1_at	CK720539	Oxidoreductase	0.1:1:0.188	
	Les.3693.1.S1_at	AF426174.1	Blind	0.041:1:0.103	
	Les.1175.2.S1_at	AI777697	Photoassimilate protein	0.073:1:0.226	
	Les.69.1.S1_at	AF098674.1	Lateral suppressor	0.125:1:0.132	
	LesAffx.62669.1.S1_at	AW442297	LOB domain protein	0.276:1:0.476	
<u>non-AZ</u>					
	LesAffx.26180.1.S1_at	BG132890	Nudix hydrolase	4.69:1:2.74	
	Les.2001.1.S1_at	AW029653	Unknown protein	2.847:1:3.058	
	Les.144.1.S1_at	Z75519.1	Glycine-rich protein	2.871:1:2.909	
	Les.3415.3.S1_at	AI779314	Chloroplast protein 12	2.05:1:2.65	
	Les.4896.1.S1_at	BT012857.1	Pollen allergen Phl p 11	3.564:1:3.941	
Ethylene response					
					AP (0h:3h:6h)
<u>AP</u>					
	LesAffx.56389.1.S1_at	AW034707	NADH- oxidoreductase	0.122:1:3.98	
	LesAffx.59842.1.S1_at	BI205718	Cytochrome P450 724B	0.813:1:15.6	
	LesAffx.65984.1.S1_at	BG125327	Glycosyl hydrolase	3.75:1:0.261	
	Les.3733.1.S1_at	AF096776.1	Expansin	4.91:1:0.319	
					AZ (0h:3h:6h)
<u>AZ</u>					
	LesAffx.67592.1.S1_at	AW093105	Protease inhibitor	0.09:1:1.68	
	Les.5442.1.S1_at	BT013931.1	AUX/IAA family protein	0.232:1:2.674	
	Les.2316.1.S1_at	AW623527	Cellulose synthase	3.545:1:0.166	
	Les.2316.2.A1_at	BG626036	Glycine-rich protein	3.093:1:0.164	
					BP (0h:3h:6h)
<u>BP</u>					
	LesAffx.8850.1.S1_at	AW034398	Pepper esterase	0.358:1:3.085	
	LesAffx.29797.1.S1_at	AJ784483	Sulfotransferase	1.271:1:0.148	