

Table A2. Detailed list of differentially expressed genes involved in the cell wall metabolism.

<i>Pectin Esterase</i>		
<i>Sample</i>	<i>Number</i>	<i>Functional description</i>
Clean	solyc05g047590.2.1	Pectinesterase
	solyc02g081990.2.1	Pectinesterase
	solyc09g075330.2.1	Pectinesterase
	solyc02g075620.2.1	Pectinesterase
	solyc04g080530.2.1	Pectinesterase family protein
	solyc09g075350.2.1	Pectinesterase
	solyc01g090130.1.1	Pectinesterase
2 DAI	solyc12g008530.1.1	Pectinesterase
	solyc04g080530.2.1	Pectinesterase family protein
	solyc03g083870.2.1	Pectinesterase
	solyc05g052540.1.1	Os03g0291800 protein (Fragment)
	solyc01g079180.2.1	Pectinesterase
5 DAI	solyc01g109740.2.1	Pectinesterase family protein
	solyc01g099950.1.1	Pectinesterase
	solyc02g080200.2.1	Pectinesterase
	solyc02g014300.1.1	Pectinesterase
	solyc06g034360.1.1	Pectinesterase
	solyc03g083840.2.1	Pectinesterase
	solyc07g043240.2.1	Pectinesterase
	solyc03g083870.2.1	Pectinesterase
	solyc06g009190.2.1	Pectinesterase
15 DAI	solyc01g091050.2.1	Pectinesterase
	solyc03g078100.2.1	Pectinesterase family protein
	solyc01g098940.2.1	Pectinesterase
	solyc08g078640.1.1	Pectinesterase
	solyc06g034360.1.1	Pectinesterase
	solyc03g083840.2.1	Pectinesterase
	solyc03g083360.2.1	Pectinesterase
	solyc06g009190.2.1	Pectinesterase

<i>Expansin</i>		
<i>Sample</i>	<i>Number</i>	<i>Functional description</i>
clean	solyc06g051800.2.1	Expansin
	solyc03g115320.1.1	Expansin
	solyc01g090810.2.1	Expansin protein
	solyc02g088100.2.1	Expansin
	solyc10g086520.1.1	Expansin-1
	solyc06g005560.2.1	Expansin-1
	solyc04g081870.2.1	Expansin
	solyc09g010860.2.1	Expansin
2d	solyc01g090810.2.1	Expansin protein
	solyc08g077900.2.1	Expansin-like protein
	solyc10g086520.1.1	Expansin-1
	solyc03g093390.2.1	Expansin protein
	solyc10g084780.1.1	Expansin
	solyc04g081870.2.1	Expansin
	solyc12g089380.1.1	Expansin
	solyc09g010860.2.1	Expansin
	5d	solyc03g115320.1.1
solyc08g077900.2.1		Expansin-like protein
solyc08g007780.2.1		Expansin-like protein
solyc03g115310.1.1		Expansin
solyc10g008440.2.1		Expansin B1
solyc10g086520.1.1		Expansin-1
solyc03g093390.2.1		Expansin protein
solyc08g080060.2.1		Expansin-like protein
solyc09g010860.2.1		Expansin
15d	solyc01g090810.2.1	Expansin protein
	solyc08g077900.2.1	Expansin-like protein
	solyc02g088100.2.1	Expansin
	solyc10g086520.1.1	Expansin-1
	solyc03g093390.2.1	Expansin protein
solyc04g081870.2.1	Expansin	

<i>Cellulose synthesis</i>		
<i>Sample</i>	<i>Number</i>	<i>Functional description</i>
clean	solyc03g114900.2.1	COBRA-like protein
	solyc09g009010.2.1	Cellulose synthase-like C1-2 glycosyltransferase family 2 protein
2d	solyc02g072240.2.1	Cellulose synthase
	solyc07g005840.2.1	Cellulose synthase 3
	solyc09g072820.2.1	Cellulose synthase
	solyc03g070440.2.1	COBRA-like protein
	solyc03g114900.2.1	COBRA-like protein
	solyc09g075540.1.1	COBRA-like protein
	solyc08g005280.1.1	Cellulose synthase-like protein
5d	solyc02g072240.2.1	Cellulose synthase
	solyc09g072820.2.1	Cellulose synthase
	solyc03g114900.2.1	COBRA-like protein
	solyc01g103860.2.1	Ch-cobra
	solyc02g080250.1.1	COBRA-like protein
15d	solyc09g009010.2.1	Cellulose synthase-like C1-2 glycosyltransferase family 2 protein
	solyc07g043390.2.1	Cellulose synthase family protein expressed
	solyc03g114900.2.1	COBRA-like protein

<i>Pectate lyase and polygalacturonases</i>		
<i>Sample</i>	<i>Number</i>	<i>Functional description</i>
clean	solyc03g111690.2.1	Pectate lyase
	solyc05g005040.2.1	Polygalacturonase
	solyc12g096750.1.1	Polygalacturonase 4
	solyc05g051350.1.1	Rhamnogalacturonate lyase
	solyc09g091430.2.1	Pectate lyase 1-27
	solyc05g005170.2.1	Polygalacturonase 2
	solyc06g068040.2.1	Polygalacturonase
	solyc12g019230.1.1	Polygalacturonase 1
2d	solyc05g005040.2.1	Polygalacturonase
	solyc12g019120.1.1	Polygalacturonase
	solyc12g096750.1.1	Polygalacturonase 4
	solyc04g025440.2.1	Polygalacturonase
	solyc05g014000.2.1	Pectate lyase
	solyc03g114240.2.1	BURP domain-containing protein (Fragment)
	solyc12g019130.1.1	Polygalacturonase
	solyc06g068040.2.1	Polygalacturonase
	solyc12g019230.1.1	Polygalacturonase 1
	solyc08g060970.2.1	Polygalacturonase
	solyc08g068150.2.1	BURP domain-containing protein
5d	solyc12g019140.1.1	Polygalacturonase
	solyc02g062300.2.1	BURP domain-containing protein
	solyc12g019120.1.1	Polygalacturonase
	solyc12g096750.1.1	Polygalacturonase 4
	solyc02g080910.2.1	Pectate lyase family protein
	solyc12g019180.1.1	Polygalacturonase 7
	solyc03g007940.2.1	Glycoside hydrolase family 28 protein/polygalacturonase family protein
	solyc06g083580.2.1	Pectate lyase 1-27
	solyc09g061890.2.1	Pectate lyase 1-27
	solyc05g014000.2.1	Pectate lyase
	solyc05g005540.2.1	BURP domain-containing protein (Fragment)
	solyc08g014560.1.1	Polygalacturonase
	solyc11g011310.1.1	Rhamnogalacturonate lyase
	solyc08g068150.2.1	BURP domain-containing protein
	15d	solyc11g011300.1.1
solyc12g096750.1.1		Polygalacturonase 4
solyc12g019180.1.1		Polygalacturonase 7
solyc01g100980.2.1		Polygalacturonase
solyc06g083580.2.1		Pectate lyase 1-27
solyc08g068130.1.1		BURP domain-containing protein (Fragment)
solyc12g019230.1.1		Polygalacturonase 1
solyc08g068150.2.1		BURP domain-containing protein
solyc12g019140.1.1		Polygalacturonase
solyc01g109500.2.1	BURP domain-containing protein	
solyc01g094970.2.1	Glycoside hydrolase family 28 protein/polygalacturonase family protein	