



APPENDIX B

Differentially regulated Col-5 genes

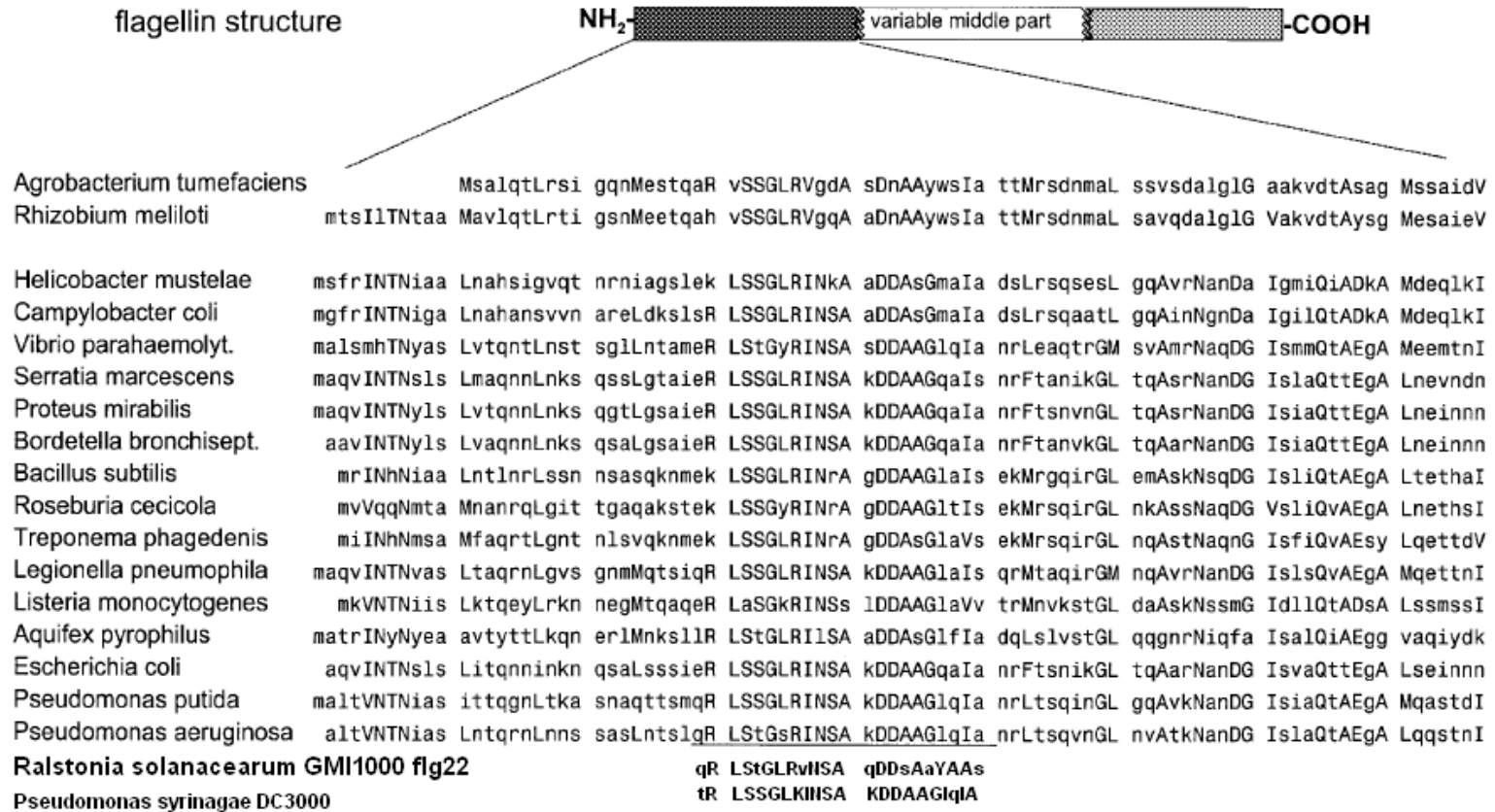
Table of Arabidopsis Col-5 genes differentially regulated (fold change > 0.75; $p < 0.03$, Bonferroni adjusted) after infection with BCCF 401 compared to uninfected plants.

	Up regulated Early wilt	Up regulated Late wilt	Up regulated Early & late wilt	Down regulated Early wilt	Down regulated Late wilt	Down regulated Early & late wilt
1	AT1G47830.1	AT1G03090.1	AT1G06570.1	AT1G75040.1	AT1G03130.1	AT1G06680.1
2	AT1G51670.1	AT1G03220.1	AT1G31130.1	AT1G04250.1	AT1G10150.1	AT1G70410.2
3	AT3G10630.1	AT1G11260.1	AT1G32450.1	AT3G28300.1	AT1G12000.1	AT1G73330.1
4	AT3G28710.1	AT1G17620.1	AT1G78890.1	AT5G05690.1	AT1G12270.1	AT2G44840.1
5		AT1G20440.1	AT2G33150.1		AT1G13260.1	AT3G14210.1
6		AT1G43160.1	AT2G42890.2		AT1G47830.1	AT3G22231.1
7		AT1G52890.1	AT3G01420.1		AT1G51670.1	AT3G28300.1
8		AT1G60200.1	AT3G04720.1		AT1G55450.1	AT4G15440.1
9		AT1G72770.1	AT3G12500.1		AT1G65960.1	AT5G24770.1
10		AT1G74020.1	AT3G57520.2		AT1G69120.1	AT5G61650.1
11		AT1G75170.3	AT4G11650.1		AT1G74880.1	
12		AT2G01340.1	AT4G13250.1		AT1G75750.1	
13		AT2G15970.1	AT4G16260.1		AT1G76790.1	
14		AT2G22470.1	AT4G37430.1		AT2G01940.2	
15		AT2G28200.1	AT4G39090.1		AT2G05920.1	
16		AT2G34500.1	AT5G11520.1		AT2G10940.2	
17		AT2G38710.1	AT5G49360.1		AT2G13790.1	
18		AT2G47770.1	AT5G52310.1		AT2G42690.1	
19		AT3G02550.1	AT5G53970.1		AT2G44210.1	
20		AT3G03470.1	AT5G58500.1		AT3G09940.1	
21		AT3G10740.1	AT5G59320.1		AT3G13140.1	
22		AT3G11780.1			AT3G15530.1	
23		AT3G13450.1			AT3G15850.1	
24		AT3G17780.1			AT3G16470.2	
25		AT3G22840.1			AT3G27830.1	
26		AT3G26100.1			AT3G45140.1	
27		AT3G28550.1			AT3G45640.1	
28		AT3G44880.1			AT3G54810.2	
29		AT3G45310.2			AT3G55800.1	
30		AT3G48880.2			AT3G58760.1	
31		AT3G50370.1			AT3G62030.1	
32		AT3G55610.1			AT4G01050.1	
33		AT3G58750.1			AT4G11320.1	
34		AT4G02380.1			AT4G12880.1	
35		AT4G15530.3			AT4G13830.2	
36		AT4G19920.1			AT4G16670.1	
37		AT4G34180.1			AT4G21720.1	
38		AT4G37390.1			AT4G23750.2	
39		AT5G02020.2			AT4G24190.2	
40		AT5G06760.1			AT4G32260.1	
41		AT5G13800.1			AT4G38970.1	
42		AT5G13800.1			AT5G02160.1	
43		AT5G21990.1			AT5G09220.1	
44		AT5G23750.2			AT5G38410.1	
45		AT5G27350.1			AT5G38420.1	
46		AT5G42250.1			AT5G40950.1	
47		AT5G43060.1			AT5G52820.1	
48		AT5G45350.1			AT5G67290.1	
49		AT5G46180.1				
50		AT5G54080.2				
51		AT5G60580.3				
52		AT5G66170.2				
53		AT5G66760.1				

APPENDIX C

flg22 region of several species of bacteria

(adapted from Felix et al., 1999)



- - - L - - - - - R LSSGLRINSA - DDAAG - - I - - - - - - - - - - GL - - A - - N - - DG I - - - Q - AE - A L - - - - - I

APPENDIX D

Alignment of the lipopolysaccharide heptosyltransferase gene

Amino acid alignment of the lipopolysaccharide heptosyltransferase gene from *Pst DC3000* (top) and *R. solanacearum* isolate GMI1000 (bottom). (*) represent identical residues, (:) represent conserved substitutions and (.) represents semi-conserved substitutions.

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MRVLIVKVSSLGDVVHCTPVVADILRAHPGAEIDWVVEEGFAGIVRIVRG 50
MRVLLIKTSSLGDVIHALPALTDAARALPGIRFDWVVEEGFAEIPAHPA 50
****:;*.******:*.*.::* ** ** .:***** * .

VQDVIPFALRRWRKSLASGATWGEMAAFRRALRAKPYDVVLDTQGLIKTA 100
VDAVIPVAIRRWRKNLWQTFRSGEWRRFKARVREQRYDLVIDAQGLFKSA 100
*:***.*:*****.* . ** *: :* :*:*:*:*:*:*:*:

LVAAQARLAPNGFVAGLGNRTDGAGYEPLARLFYQREVMHMEPRVHVVERS 150
WLTRYIDAP----VAGLDR---DSAREPVASRFYDRALPVARGQHVERL 143
:: . ****.. :.. **: * **: * : : *.***

RRMVAEALGYAVPETI-DFGLQPPASLPFALPRPYVALVHATSRADKGWP 199
RQLFAQALGYPLPSGMGDYGLKPLAALDDTLQAPFVFLHGTTWDTKHWP 193
*:*:*.*:*****:*. : **:*: * *: * : * *: * :*:*. : * **

QDAWVDVARALLARDYALALPWGSETERRTSEAIRESAIVAAVPGTLGRIV 249
ELYWRQLAELMVARGLHVQLPWGNPTEKARAERIAEGLESAH----- 235
: * :*: . :**: . : ****. **: : * * * .: : *

IPRMSLPDVTAFLDQSTAVVGVDVTGLVHIAAAMCKPTVALYNFSTSWRT 299
VLPKLNLAGVARVLASAQACVAVDTGIGHLAAALDVPTVSLFGPTNPGLT 285
: *::*. * .*: . * .: * *.*****: *:***: ***:*. :.. *

GGYWTPKVHDLG-----CAEAHPTSAQALDALR----- 327
GAYGKSQVHLASDYPGCTPCLQKKCTYQPSADDQRRFDLKREWPLCFTRL 335
*.* ..:*** . * : : * : * *

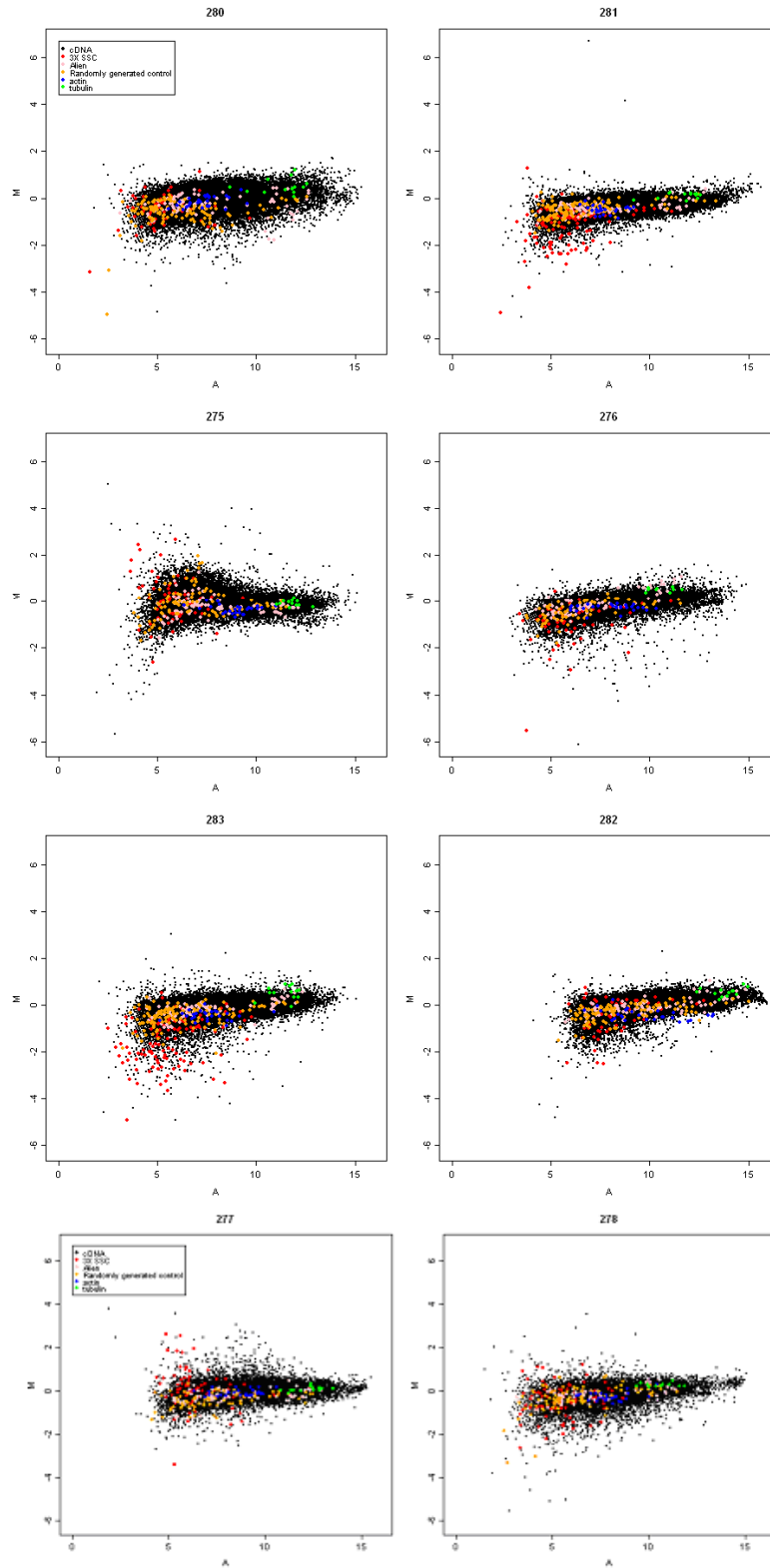
-----ALGVL----- 332
NPERVASQLGALLLAKEPG 354
**.*

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APPENDIX E

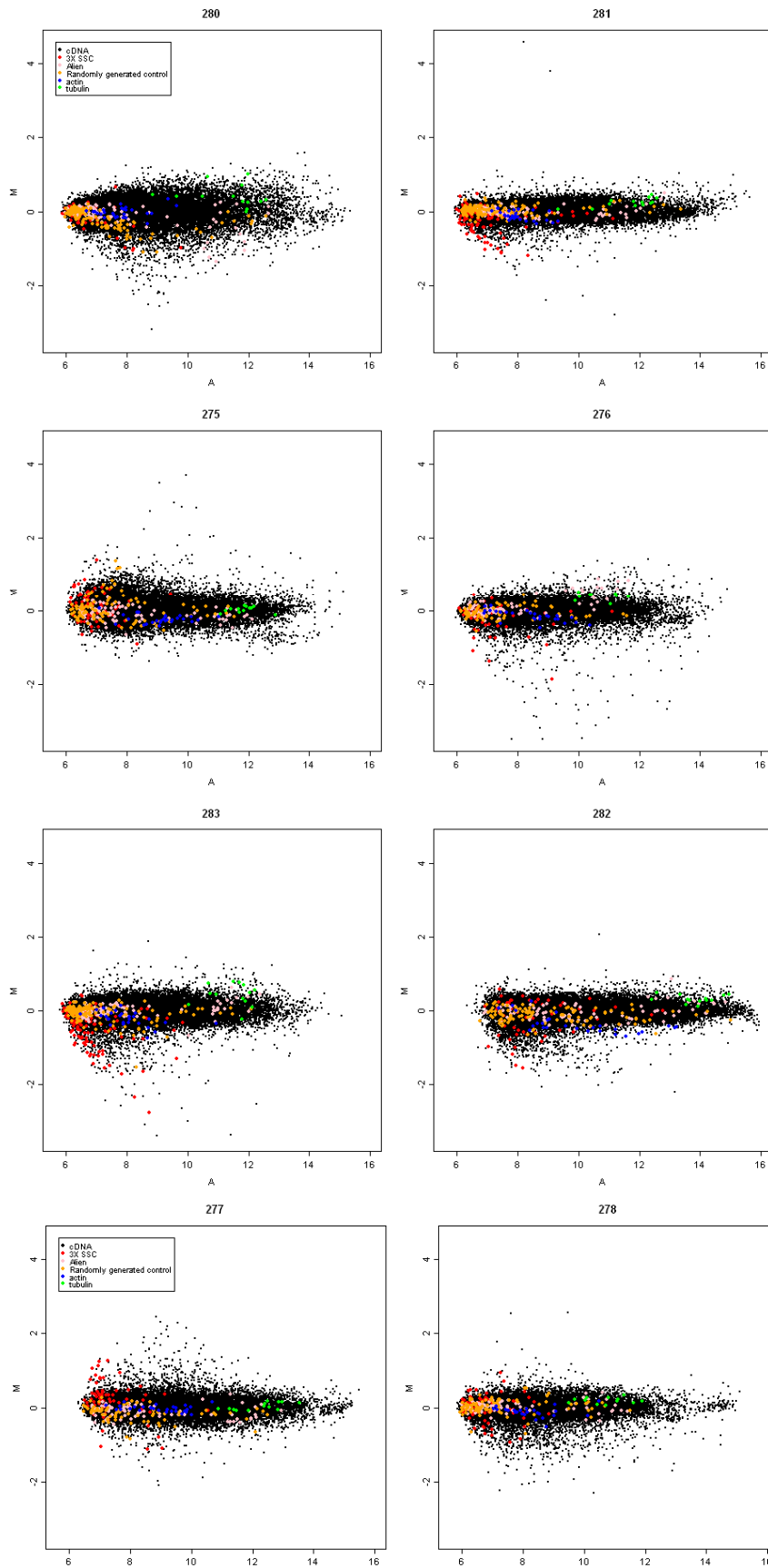
MA Plots before within slide normalisation.





APPENDIX E

MA plots after within slide normalisation.





APPENDIX F

Constitutive expression of 10 genes in Kil-O and Be-O relative to the control ([At1g18070.1](#)) for two biological replicates.

