

Key Components of Different Plant Defense Pathways Are Dispensable for Powdery Mildew Resistance of the Arabidopsis *mlo2 mlo6 mlo12* Triple Mutant

Hannah Kuhn, Justine Lorek, Mark Kwaaitaal, Chiara Consonni, Katia Becker, Cristina Micali, Emiel Ver Loren van Themaat, Paweł Bednarek, Tom M. Raaymakers, Michela Appiano, Yuling Bai, Dorothea Meldau, Stephani Baum, Uwe Conrath, Ivo Feussner, and Ralph Panstruga

Table S3. Oligonucleotides used for qPCR in this study. Numbers in qFAIRE-PCR oligo names indicate amplicon position relative to the ATG of the corresponding gene.

qRT-PCR		
Oligo	Sequence (5'-3')	Reference
At4g26420-F	GAGCTGAAGTGGCTTCCATGAC	Czechowski et al., 2005
At4g26420-R	GGTCCGACATACCCATGATCC	
<i>PDF1.2a</i> -F	TAAGTTTGCTTCCATCATCACCC	Zimmerli et al., 2004
<i>PDF1.2a</i> -R	GTGCTGGGAAGACATAGTTGTCAT	
<i>PDF1.2b</i> -F	ACGCTGCTCTTGTCTCTTTGCA	Zimmerli et al., 2004
<i>PDF1.2b</i> -R	AAGTACCACTTGGCTTCTCGCAC	
<i>LOX2</i> -F	TGAATTGCAAGCTGTTGCTC	R. Birkenbihl, unpublished
<i>LOX2</i> -R	GCAGAAGCTACAAGACCACC	
<i>VSP2</i> -F	ACCGTTGGAAGTTGTGGAAG	M. Schön, unpublished
<i>VSP2</i> -R	CCAAATCAGCCCATTGATCT	
<i>ORA59</i> -F	CTCGCTTCTACAATTTTATG	Pré et al., 2008
<i>ORA59</i> -R	GGAAACATGTATAGATGTGTAG	
qFAIRE-PCR		
Oligo	Sequence (5'-3')	Reference
<i>ACTIN2</i> -OC+35-F	GGCTGAGGCTGGTC	S. Baum, unpublished
<i>ACTIN2</i> -OC+35-R	AACCAGCCTTACCACC	
<i>PDF1.2a</i> -OC-93-F	CTTCTTTTGTGGCTACGGG	this study
<i>PDF1.2a</i> -OC-93-R	GTGGGTTACTTCTACTTGTGCC	
<i>PDF1.2a</i> -OC-288-F	CAACTTGTGTAAGTGGCTTGG	this study
<i>PDF1.2a</i> -OC-288-R	CTACCGTTCACGGGCG	
<i>PDF1.2a</i> -OC-384-F	CTCTACGAAAAGTTGTTTGTTCG	this study
<i>PDF1.2a</i> -OC-384-R	GAGTCTCGCGTTAGGACAAG	
<i>PDF1.2a</i> -OC-476-F	CTTGTTCTGCAAACTTGGCG	this study
<i>PDF1.2a</i> -OC-476-R	GCACCCCTAGACAGCGTTG	
<i>PDF1.2a</i> -OC-543-F	CATTCAGTAAGGTGTGTCCAG	this study
<i>PDF1.2a</i> -OC-543-R	CGCCAAGTTTGCAGAACAAG	
<i>PDF1.2a</i> -OC-633-F	CTGCCCTCTCCGTTCCCTCC	this study
<i>PDF1.2a</i> -OC-633-R	GGGTCCATTTGCTCTC	
<i>PDF1.2a</i> -OC-817-F	TACGAAACCTTTAGCTACTACA	this study
<i>PDF1.2a</i> -OC-817-R	GTCTGACCGCAAGTGAGAGGC	
<i>PDF1.2b</i> -OC-67-F	CTCGAGAAGGCGTACGTGG	this study
<i>PDF1.2b</i> -OC-67-R	GTGAAGAAAAGCTTAAGAGCAACC	

Oligo	Sequence (5'-3')	Reference
<i>PDF1.2b</i> -OC-186-F	GCTTAGGTTACTAGTGAGAGAG	this study
<i>PDF1.2b</i> -OC-186-R	CACCACGTACGCCTTCTCG	
<i>PDF1.2b</i> -OC-309-F	CACTTTTCCTAACTGTGAAACTCTG	this study
<i>PDF1.2b</i> -OC-309-R	CTGCTTTGGCTTTGCGGG	
<i>PDF1.2b</i> -OC-374-F	GCACAATGAAAGCTTACACTTAC	this study
<i>PDF1.2b</i> -OC-374-R	CTTAACCAAGCCAAGTTACACAAG	
<i>PDF1.2b</i> -OC-457-F	TGGCTCAACGGAAATTTGACC	this study
<i>PDF1.2b</i> -OC-457-R	CGAAAACCTTGAGTAAGTGTAAG	
<i>PDF1.2b</i> -OC-602-F	CGTAGGTGTTTCCTGGTAAAG	this study
<i>PDF1.2b</i> -OC-602-R	ACTCGACGGTTTGGTTGC	
<i>PDF1.2b</i> -OC-685-F	AGGTTTGTTTACAGCAACTTAGC	this study
<i>PDF1.2b</i> -OC-685-R	CCTTACTTTACCAGGAAACACC	
<i>PDF1.2b</i> -OC-813-F	CACGACTGTTTCCGGCC	this study
<i>PDF1.2b</i> -OC-813-R	GGTCGTGGCTGATTAGGG	
<i>PDF1.2b</i> -OC-995-F	TGGGATTGGGGAAGCAAG	this study
<i>PDF1.2b</i> -OC-995-R	CTGGTGTAGCTCGTCCC	