

Thirty-seven transcription factor genes differentially respond to a harpin protein and affect resistance to the green peach aphid in *Arabidopsis*

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Supplementary table

Table S1. Gene primers and product size

Gene*	Primers for RT-PCR (upper pairs) and real-time RT-PCR (lower pairs)	Product size (bp)
<i>AtMYB2</i>	5'-CATCGCTCGTTCCTCTGGGCTAAA-3', 5'-TAACCTGACCCGTTACCACCCC-3'	540
	5'-CGCCCAATCATTACCCACCA-3', 5'-ACCTGACCCGTTACCACCCC-3'	220
<i>AtMYB3</i>	5'-AACAAATGGTCTTTAATAGCTGGGAG-3', 5'-CACGACTCATTACGAAACAACCCA-3'	418
	5'-GATGTGGTAAGAGTTGTAGA-3', 5'-ATCAGACGGTGAGAGTTTGG-3'	244
<i>AtMYB13</i>	5'-GAAGATAGGATTGAAGAAAGGGCC-3', 5'-AAATGTCACAGTCCATCAATACCAC-3'	562
	5'-GCTGTGAGAAGATAGGATTGAAGAAAGGG-3', 5'-GAAATTGCCACGTTTGATGTCTGGTCTC-3'	194
<i>AtMYB15</i>	5'-AGCAAACTGCCTGGAAGAACCGA-3' 5'-AAATCATCTCATTATTAGCGGAGCCCA-3';	502
	5'-AAGATGGGGTTGAAGAGAGG-3', 5'-TGGTGTAAGCTGATGATAGC-3',	224
<i>AtMYB27</i>	5'-TATCTGAATCCGACTCTGAAGCGT-3', 5'-AACATGAAAACCTCCTCAAAGTCCCT-3'	534
	5'-GAACTATCTGAATCCGACTCTGAAGCGT-3', 5'-TCTTCTCCTGTATTTCTCTCCACTCAA-3',	228
<i>AtMYB30</i>	5'-GTTCTCGCTCTCATCTTACCATC-3', 5'-ATGACTGAAATGCCCTGCACACT-3'	404
	5'-TTCCTCGCTCTCATCTTACCATCG-3', 5'-TTGATTGAGCAGAGGAAGACGTTGT-3'	191
<i>AtMYB32</i>	5'-GCCTTCTCGGTAACAAGTGGTCTCT-3', 5'-GGCACGCACTGCACCTATACTTC-3'	404
	5'-TGAGAAAGACCACACAAACAAGGA-3', 5'-CCACTTGTTACCGAGAAGGCTATGT-3'	247
<i>AtMYB38</i>	5'-TATTATCTACAGCCTCTTTGCCTCC-3', 5'-AACTTATCCTCCGTCTTGTTCGT-3'	650
	5'-GTTGAGTGATGTAAGAAGTGGGTCCG-3', 5'-CTTATCCTCCGTCTTGTTCGTCA-3'	229
<i>AtMYB44</i>	5'-ACGCTCAGTTCGGTAATAAATGGGC-3', 5'-TTCCTCAATCGCACCTCTAAACCCA-3'	517

Table S1. *Continued*

	5'-GGTGCTGTTGTGCTACCGCTTC-3', 5'-CACCACTAAACGGCATAAACGACAC-3'	196
<i>AtMYB51</i>	5'-GTACCGACAAATCAGAAAACCTCCC-3', 5'-TTCAACACAAGACTCCTCCAACATC-3'	838
	5'-TACCAGGAAGAACCGATAACGAGAT-3', 5'-TGTTGTTCTTCTTCGCCTTGTCATT-3'	204
<i>AtMYB52</i>	5'-GAAGCTCTCTGGTCGATCTGGTAAG-3', 5'-TCGGTCGTTTAGTTTTGGTCTATTGC-3'	472
	5'-TCCAATACAAGAAGGAGCAATAGACCAA-3', 5'-CCCTGAGAGGCAGAGTTTCCAACAGACA-3'	210
<i>AtMYB73</i>	5'-GTGATTTTGGTGGTAATGGAGGGTA-3', 5'-TAAACTCTCTAAACCCAACACGACG-3'	566
	5'-TGGTCCGAGGAACTGGTCTTTGATTAGC-3', 5'-GTAGCCCACTTGTTACCAAACCGAGCGT-3'	174
<i>AtMYB74</i>	5'-TCTCGATATCTCCTCCATTCTCAGC-3', 5'-AGAAGGTGTGGTCAAGACTGAAGCA-3'	432
	5'-GGAAACAAGTGGTCTGCGATTGCGGCT-3', 5'-TGATGATGATGATGATGCGAAGAGTTG-3'	203
<i>AtMYB96</i>	5'-TTCAAGCCCTTTTAGGCAACAGATG-3', 5'-ATGAAATCTTGAAGCAACCGGGC-3'	495
	5'-CCATCCTCTTCTTCTCATCTACCA-3', 5'-GTTCAAACCTTCTCCACCTTCTTC-3'	223
<i>AtMYB108</i>	5'-CAAGAACTACTGGAGGACGCGG-3', 5'-CTTGCATAGCCGTTAGATCTTCGTC-3'	499
	5'-ACTATCTCCGCCCTGACGTCC-3', 5'-CACATCACATTTCAACTGTTTCGCA-3'	194
<i>F25A4.19</i>	5'-GCAAAATCGAGAGGAAACGAGGAG-3', 5'-CTAGTGAGAGGTTGAGAGAAAGCGGT-3'	487
	5'-TGCTTGACCCGATGAGAAAAGTGCGT-3', 5'-ACCGACTCTCTGCAGCCCAA-3'	248
<i>F9G14.150</i>	5'-TCATCCATATCCTCAAAGGCATC-3', 5'-GGATCGAACACACTCCCAATGAAG-3'	369
	5'-TGTGGAGCAGAAGTTGATGTTGGAT-3', 5'-TGAGCTTTTTCATGCGCCT-3'	220
<i>MNJ8.4</i>	5'-CTCTGAGTCCATTGAGATCCCGC-3', 5'-ATCTCTCACTTCTTTTGAACCCGACA-3'	463
	5'-TCAGATGCCTTTTACCTCAAGACAA-3', 5'-TAACACCAAAATCGCGAGCAACCTT-3'	217
<i>K19M22.10</i>	5'-TGGCGGTTTACGACGACAACACTC-3', 5'-GCTTGCTCGTCTCTTGTCCTTGCC-3'	466
	5'-TGTAATAAACGGTCGCAGGC-3', 5'-TGCTCGTCTCTTGTCCTTGC-3'	234
<i>AtERF11</i>	5'-GGACGTTACGCAGCCGAGATCAGAG-3', 5'-TAACGACATCCATCACCACCGACGA-3'	315
	5'-CTTGTTACAACATCAACGCCCACTG-3', 5'-TATCTAACGACATCCATCACCACCG-3'	214
<i>AtK13N2.14</i>	5'-AACCAAATGGAAGATGGGGAGCT-3', 5'-GTTTCTCCGCTTGGTGTGTTTGGTAT-3'	419

Table S1. *Continued*

	5'-AAAACACCAAGCGGAGAAAC-3', 5'-ATCAAATCACCAGCACAAAAG-3'	204
<i>AtHB-7</i>	5'-GAACAAGAGGGCTCGTTGGAAA-3', 5'-TCTTCCTCAAACCCACCAAAATACT-3'	401
	5'-CAGGAGGAGGAAAGGCAGTGTAGTG-3', 5'-TTCCTCAAACCCACCAAAATACTCTC-3'	237
<i>AtC3HC4</i>	5'-CTCGCTGCTACAGTCTTTACCCTCC-3', 5'-GCCACGCAGCAGTAGAACAACCTT-3'	458
	5'-CTGCTCCAATCGCTCCTCGT-3', 5'-CATCAGTGCCCCGACACATTC-3'	218
<i>AtZFP6</i>	5'-CGGTATAAACCTACTTGAAACGACGTC-3', 5'-GGTCCAGCCCAATACCATTCTCTAA-3'	538
	5'-TCACCCTCATACCAATCCGC-3', 5'-CGTAAAGTCCCCCTCCACCA-3'	182
<i>AtRAP2.6L</i>	5'-TGGTCTCCGCTCTCAGCCGTG-3', 5'-GAAGGCGTTGAAAAAGGTTGACTGA-3'	519
	5'-GGGTAAATGGGCGGCAGAAA-3', 5'-TGAGAAATGGTTGTGGTGGT-3'	186
<i>F1121.18</i>	5'-TGCTGACTAATGTTGTCTCTGGTGA-3', 5'-AAGTGATTTTCTCTTCTGTTGGCT-3'	513
	5'-CGGCAGCACTTCGCTTTAGA-3', 5'-TTCCTTCTGTTGGCTGCA-3'	212
<i>RAP2.12</i>	5'-CTCCAAAACCCGCGTCTCC-3', 5'-TAACCGCAGAAGAGATGTCGGGAGT-3'	599
	5'-GAGGAGAAACACCAAGTGAGCAACA-3', 5'-CCGCAGAAGAGATGTCGGGAGT-3'	175
<i>F15H21.12</i>	5'-CCGCCACAACATCATTCAACACTCA-3', 5'-TATTCTCCACGGAGCTTATAGCGG-3'	411
	5'-AGTGAGGCAGAGACATTGGGGAA-3', 5'-GCTCTCTCTTTTCTGACTCTCTGGC-3'	282
<i>T7M7.18</i>	5'-AGACAGAGGAGATGGGGTAAATGGG-3', 5'-ATCAACCAAGCATCCAAAGTCTCCC-3'	448
	5'-GGTGGACCTGAAAACGGGAT-3', 5'-CGAAGAAGAGCGATTTGTGA-3'	222
<i>MLN21.9</i>	5'-CCAAGAAAAGTGTAGAGTCCGCTGA-3', 5'-ACTGCCCTGATCGGAAGTCAAATAC-3'	510
	5'-ACCGCAACTACTAAGCCCGT-3', 5'-TGTTCCAAGCCATTCTCGGG-3'	222
<i>AtERF#011</i>	5'-TCAGAATGAGAAAATGGGGGAAATG-3', 5'-ATCGAGATTTTCCGGGTCAGGTAAC-3'	307
	5'-CTTTGGCTCGGCTCTTACTC-3', 5'-TCGCCCTATCGCATCTACT-3'	196
<i>F26K10.20</i>	5'-GGACTTTGACGAGGAGCTAAATCT-3', 5'-GACCCATTTTCCCCATTGACG-3'	462
	5'-TTGAGCAACGACAAGACCCG-3', 5'-TTCGTTGCGATGTAAGGTTG-3'	184
<i>ABR1</i>	5'-GGCAGAAAAGGAGGAGAGGTTGGA-3', 5'-GGTCTTATGGGCAAAAGGGTAGTCG-3'	513

Table S1. *Continued*

	5'-CGGGGCAGAAAAGGAGGAGA-3', 5'-TGTATCTTCGCCGAGGTTGG-3'	228
<i>AtIAA13</i>	5'-TCATCTCCTCCTCGTTCAAGCAGTC-3', 5'-GCTGCTTTCGCTGTCTCTCGTTTG-3'	534
	5'-TGAGATGGGGAAAGGTGAGAGTGAG-3', 5'-GAACGAGGAGGAGATGAACCAGCA-3'	204
<i>AtRD26</i>	5'-CGGCGGATGGTCGTCGTG-3', 5'-CACTCTCCGCTCACCTTCCG-3'	476
	5'-AGCCCAGTTGAGTTTGCCACCAGG-3', 5'-CTTCTCTCCAAACAAAGCCTTACCT-3'	229
<i>AtWRKY69</i>	5'-TGCATCGTAGAGCAGCAATTCAAGA-3', 5'-AGCCGCCTAATAGCAACGGTGAGT-3'	560
	5'-TTACTTACGCCTGCGACCACAATCA-3', 5'-TAGAACCAACCCGAACCTCCGATT-3'	241
<i>AtSPL12</i>	5'-TTCTTCAAGCTTGGAGATAACACAG-3', 5'-TTGTTCCATACTCAAGTAATCCCA-3'	223
	5'-ATGGAGAGAAGGAGGATAGAGATGGAGAA-3', 5'-GTCTACCTGACAACAAATCGCCCCG-3'	204
<i>EIN2</i>	5'-GATTCACTGAAGCAGCAGAGGAC-3', 5'-CTGTGGCAAACGTGTAGGCATCTC-3'	766
	5'-CTTCCTGTCCTTTTGGTTTCTGTCG-3', 5'-AGTGTTTACCAGTCACAACGCTTAT-3'	175
<i>PDF1.2</i>	5'-GCTTCCATCATCACCCCTTATCTTCGCT-3', 5'-GGACGTAACAGATACTTGTGTGCTG-3'	223
	5'-GCTTCCATCATCACCCCTTATCTTCG-3', 5'-CTTGTGTGCTGGGAAGACATAGTTG-3'	207
<i>ACTIN2</i>	5'-AGATGATGCTCCCAGGGCTGTTTTTC-3', 5'-AGGTTTCCATCTCCTGCTCGTAGTCA-3';	620
	5'-CCCCTGAGGAGCACCCAGTTCTA-3', 5'-CATAACCCTCGTAGATTGGCACAG-3';	219
<i>EF1α</i>	5'-AGACCACCAAGTACTACTGCAC-3', 5'-CCACCAATCTTGACACATCC-3';	495
	5'-CCCCTTCGTCTCCCACTTCAGGATGTCTA-3', 5'-GTTGTACCTGGAAGTGCCTCAAGAAG-3';	189

*GenBank accession numbers for TF genes are provided in table 1 and those for *EIN2*, *PDF1.2*, *ACTIN2* and *EF1α* are At5G03280, At5G44420, At3G18780, and At1G07930.