

Supplementary Table 1. TIR-domain containing genes induced 1 h after treatment with nlp20

Gene ID	Log2(Fold Change)	Adjusted p-value	Gene Name	Description
AT1G66090	4.182314	2.11E-10		Disease resistance protein (TIR-NBS class)
AT2G32140	3.410955	6.12E-04		Transmembrane receptor
AT3G04220	2.978868	5.65E-06		Disease resistance protein (TIR-NBS-LRR class) family
AT5G41750	2.702796	1.29E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT3G04210	2.613868	1.24E-08		At3g04210/T6K12_17
AT2G20142	2.309786	1.93E-03		Toll-Interleukin-Resistance (TIR) domain family protein
AT4G19520	2.105768	7.57E-06		Probable disease resistance protein At4g19520
AT5G22690	1.954292	1.70E-05		Disease resistance protein (TIR-NBS-LRR class) family
AT1G72900	1.927421	1.63E-03		Similar to part of disease resistance protein
AT1G17600	1.866072	1.21E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT1G65390	1.706482	1.64E-03	PP2A5	Protein PHLOEM PROTEIN 2-LIKE A5
AT2G16870	1.65859	4.47E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT5G44870	1.635193	7.33E-07	LAZ5	Disease resistance protein LAZ5
AT1G56540	1.63069	2.20E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT5G41740	1.585872	1.39E-03		Disease resistance protein (TIR-NBS-LRR class) family
AT4G36150	1.514324	2.73E-03		Disease resistance protein (TIR-NBS-LRR class) family
AT4G16960	1.493714	5.81E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT1G72940	1.456181	4.55E-03		At1g72940/F3N23_14
AT5G46510	1.382137	1.87E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT5G46470	1.323092	5.59E-05	RPS6	Disease resistance protein RPS6
AT4G16860	1.316684	2.28E-03	RPP4	Disease resistance protein RPP4
AT3G44630	1.296601	3.67E-03		Disease resistance protein (TIR-NBS-LRR class) family
AT4G36140	1.190924	1.25E-04		Disease resistance protein (TIR-NBS-LRR class)
AT1G31540	1.073651	9.72E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT5G45250	1.06893	1.61E-03	RPS4	Disease resistance protein RPS4
AT4G16890	0.86282	4.61E-03	SNC1	disease resistance protein (TIR-NBS-LRR class), putative

Supplementary Table 2. TIR-domain containing genes induced 6 h after treatment with nlp20

Gene ID	Log2(Fold Change)	Adjusted p-value	Gene Name	Description
AT1G57630	7.14555	3.84E-06		Disease resistance protein RPP1-WsB, putative
AT4G11170	4.73465	4.44E-04		Putative disease resistance protein At4g11170
AT5G45090	3.91362	1.51E-02	PP2A7	Uncharacterized protein PHLOEM PROTEIN 2-LIKE A7
AT1G47370	3.62641	2.83E-02		Toll-Interleukin-Resistance (TIR) domain family protein
AT2G32140	3.59523	1.72E-02		Transmembrane receptor
AT5G41750	3.33276	2.23E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT1G66090	3.02848	4.22E-04		Disease resistance protein (TIR-NBS class)
AT1G72920	2.84247	3.10E-03		Similar to part of disease resistance protein
AT5G45000	2.74362	1.49E-02		Disease resistance protein (TIR-NBS-LRR class) family
AT2G20142	2.4793	2.51E-02		Toll-Interleukin-Resistance (TIR) domain family protein
AT3G04220	2.28377	2.68E-02		Disease resistance protein (TIR-NBS-LRR class) family
AT5G58120	1.90423	9.43E-03		Disease resistance protein (TIR-NBS-LRR class) family
AT5G41740	1.71984	1.75E-02		Disease resistance protein (TIR-NBS-LRR class) family
AT1G72900	1.71688	8.78E-02		Similar to part of disease resistance protein

Supplementary Table 3. TIR-domain containing genes induced 30 min after treatment with flg22*

Gene ID	Log2(Fold Change)	Adjusted p-value	Gene Name	Description
AT1G66090	23.2	2.52E-54		Disease resistance protein (TIR-NBS class)
AT1G65390	19.4	0.00E+00	PP2A5	Protein PHLOEM PROTEIN 2-LIKE A5
AT4G19520	12.3	0.00E+00		Probable disease resistance protein At4g19520
AT5G41750	12.3	2.09E-168		Disease resistance protein (TIR-NBS-LRR class) family
AT5G41740	11.6	3.96E-217		Disease resistance protein (TIR-NBS-LRR class) family
AT1G72900	10	3.40E-31		Similar to part of disease resistance protein
AT2G32140	8.9	1.59E-31		Transmembrane receptor
AT2G20142	8.8	1.73E-08		Toll-Interleukin-Resistance (TIR) domain family protein
AT4G14370	8.4	1.20E-76		Disease resistance protein (TIR-NBS-LRR class) family
AT5G44910	6	5.36E-23		Similarity to disease resistance protein
AT4G11170	5.7	5.69E-09		Putative disease resistance protein At4g11170
AT1G51270	5.7	3.59E-66		Vesicle-associated protein 1-4
AT1G63860	5.5	8.73E-63		Disease resistance protein (TIR-NBS-LRR class) family
AT5G22690	5.3	9.39E-61		Disease resistance protein (TIR-NBS-LRR class) family
AT1G63750	5.1	5.65E-42		Disease resistance protein (TIR-NBS-LRR class) family
AT3G04220	4.8	1.52E-08		Disease resistance protein (TIR-NBS-LRR class) family
AT1G72920	4.3	1.41E-15		Similar to part of disease resistance protein
AT1G57630	4.3	1.46E-04		Disease resistance protein RPP1-WsB, putative
AT1G56540	3.9	1.62E-11		Disease resistance protein (TIR-NBS-LRR class) family
AT3G44630	3.9	9.70E-104		Disease resistance protein (TIR-NBS-LRR class) family
AT1G56510	3.9	8.21E-75	ADR2	Disease resistance protein ADR2
AT1G72940	3.7	1.46E-36		At1g72940/F3N23_14
AT4G16960	3.6	1.53E-31		Disease resistance protein (TIR-NBS-LRR class) family
AT3G04210	3.4	2.85E-11		At3g04210/T6K12_17
AT1G31540	3.3	2.24E-46		Disease resistance protein (TIR-NBS-LRR class) family
AT5G58120	3.3	8.42E-38		Disease resistance protein (TIR-NBS-LRR class) family
AT5G46470	3.2	4.95E-73	RPS6	Disease resistance protein RPS6
AT1G72910	3.1	1.35E-29		Similar to part of disease resistance protein

AT4G16860	3	7.19E-62	RPP4	Disease resistance protein RPP4
AT1G72930	2.7	5.91E-48	TIR	Toll/interleukin-1 receptor-like protein
AT5G46510	2.7	1.22E-33		Disease resistance protein (TIR-NBS-LRR class) family
AT4G16940	2.5	1.31E-07		Disease resistance protein (TIR-NBS-LRR class) family
AT5G46520	2.4	5.56E-17		Disease resistance protein (TIR-NBS-LRR class) family
AT5G40910	2.4	1.88E-31		Disease resistance protein (TIR-NBS-LRR class) family
AT3G44400	2.3	3.00E-04		Disease resistance protein (TIR-NBS-LRR class) family
AT1G56520	2.2	3.45E-08		Disease resistance protein (TIR-NBS-LRR class) family
AT1G17600	2.1	2.21E-02		Disease resistance protein (TIR-NBS-LRR class) family
AT5G45070	2	3.02E-02	PP2A8	Protein PHLOEM PROTEIN 2-LIKE A8
AT5G11250	2	8.32E-06		Disease resistance protein (TIR-NBS-LRR class)
AT2G16870	1.9	9.09E-02		Disease resistance protein (TIR-NBS-LRR class) family
AT5G41550	1.9	2.70E-01		Disease resistance protein (TIR-NBS-LRR class) family
AT5G44870	1.9	1.07E-10	LAZ5	Disease resistance protein LAZ5
AT4G16890	1.8	2.93E-22	SNC1	Disease resistance protein (TIR-NBS-LRR class), putative
AT3G44480	1.7	5.62E-17	RPP1	Disease resistance protein (TIR-NBS-LRR class) family
AT1G72950	1.7	6.74E-01		Disease resistance protein (TIR-NBS class)
AT1G63740	1.7	3.23E-02		Disease resistance protein (TIR-NBS-LRR class) family

*subset directly from Li et al., 2015 Cell Host and Microbe. DOI:10.1016/j.chom.2014.10.018

Supplementary Table 4. Sequences of primers used in this study

Primer	5'-3' sequence	purpose
PCRK1-F	GAAGTGAATGCAGAACTTAC	genotyping
PCRK1-R	GAGAATCGCCCAAGATGCAG	genotyping
PCRK2-F	TTGGTGATCTTAAATCTGCC	genotyping
PCRK2-R	ACCAAGTTTGAATGCTCGAC	genotyping
PBL19-F	TCCATCAAAATTCCACTGGTT	genotyping
PBL19-R	AACCAAAAGCCTCTCGATCC	genotyping
EDS1-DelPCR-F	AGAACGTAAGACAGGGTTTG	genotyping
EDS1-DelPCR-R	GATGGAGTCTATTTAAAGAGACG	genotyping
EDS1-Pres-F	ACAAGCCAAAGTGTCAGCC	genotyping
EDS1-Pres-R	CAAGCATCCCTTCTAATGTC	genotyping
Actin1-F	CGATGAAGCTCAATCCAAACGA	RT-PCR
Actin1-R	CAGAGTCGAGCACAATACCG	RT-PCR
SARD1-RT-F	TCAAGGCGTTGTGTTTGTG	RT-PCR
SARD1-RT-R	CGTCAACGACGGATAGTTTC	RT-PCR
FMO1-RT-F	TGCCTTTATACAGGGGAACA	RT-PCR
FMO1-RT-R	TGGAAATGCAATGACGTTTG	RT-PCR
EDS1-BsF	ATATATGGTCTCGATTGCTAACCGAGCGCTATCACAGTT	pHEE401E
EDS1-F0	TGCTAACCGAGCGCTATCACAGTTTATAGAGCTAGAAATAGC	pHEE401E
EDS1-R0	AACAAGGGAGATGTATTCTCCGCAATCTCTTAGTCGACTCTAC	pHEE401E
EDS1-BsR	ATTATTGGTCTCGAAACAAGGGAGATGTATTCTCCGC	pHEE401E
PBL20-DT1-BsF0	ATATATGGTCTCGATTGCCAAAATCCAGAGGAAATAGTTTATAGAGCTAGAAATAG	pHEE401E
PBL20-DT2-BsR0	ATTATTGGTCTCGAACTAGCAATTGGATACTTATTCAATCTCTTAGTCGACTCTA	pHEE401E
PCRK2-Kpn1-F	CCGGGGTACCATGAAATGCTTCTTATCCCTCT	pBASTA-35S-3FLAG
PCRK2-spe1-R	AAAGAATGTGAGAGCTTGTACTAGTAGGCCTAGA	pBASTA-35S-3FLAG
PBL19-Kpn1-F	CCGGGGTACCATGAACTGTCTGTTCTTGTTC	pBASTA-35S-3FLAG
PBL19-BamH1-R	GGCCGGATCCTCCTCTGACACTAACCCCT	pBASTA-35S-3FLAG
ADR1-Kpn1-F	GCGCGGTACCATGGCTTCGTTTCATAGATC	pBASTA-35S-3FLAG
ADR1-Sall-R	CGCGTCGACTAATCGTCAAGCCAATCC	pBASTA-35S-3FLAG
EDS1-Kpn1-F	CGGGGTACCATGGCGTTTGAAGCTCTTAC	Pcambia1305-FLAG-ZZ
EDS1-Xba1-R	CCGCCGTCTAGAGGTATCTGTTATTTTCATCCATC	Pcambia1305-FLAG-ZZ
PAD4-Kpn1-F	CGGGGTACCATGGACGATTGTCGATTTCGAG	Pcambia1305-FLAG-ZZ
PAD4-BamH1-R	CGCGGATCCAGTCTCCATTGCGTCACTCTC	Pcambia1305-FLAG-ZZ
RKS1-Kpn1-F	GCGCGGTACCATGTTGCGTCTGTTTCAGAAAG	pBASTA-35S-3FLAG
RKS1-Spe1-R	GGACTAGTTATATGTTTCTCTATCTTCT	pBASTA-35S-3FLAG
At3G04220-NF	CTGATGATACAGGCAGTAGAAGTG	RT-PCR
At3G04220-NR	CTGAAGATTAGACATTCTCCGG	RT-PCR
At2G32140-NF	CGATACACCAGAAGTTTCGACG	RT-PCR
At2G32140-NR	GTCGTCATCTTCATCGTCG	RT-PCR
At4G11170-NF	CTCAAAATTGGGACAATGAAGC	RT-PCR
At4G11170-NR	TCCATCTTTGCAATGTGAGC	RT-PCR
FLS2-RT-NF	GATTTTGGAACTGCTCGGAT	RT-PCR
FLS2-RT-NR	ATCCCTTTTCTTCCATTTCC	RT-PCR
AtRLP23-RT-NF	GGAGTGGCTTGTCAAGATAATTGG	RT-PCR
AtRLP23-RT-NR	CCCAATTTTATCCTCATTTGCCCG	RT-PCR
BIK1-RT-NF	CTGGTAAGCGAGCGTTGGAT	RT-PCR
BIK1-RT-NR	TGTCTAGCCGATTGTCCACG	RT-PCR
BAK1-RT-NF	GGCCACTAAAGTACCATCAG	RT-PCR
BAK1-RT-NR	TCACCTGCAGGGAGTAATAG	RT-PCR

SOBIR1-RT-NF	CAGTAAAGATGTCAGGACCA	RT-PCR
SOBIR1-RT-NR	CTTATCGTCATCGTCCTTGT	RT-PCR