

Table 1. List of genes encoding NBS-LRR (nucleotide-binding site-leucine-rich repeats) disease resistance proteins differentially expressed in the *M. truncatula* Tdp1 α -2a line compared to CTRL. The Log2 (fold change) represents the log fold change to the base 2 of the Tdp1 α -2a line over the CTRL line. Log2 fold change values < 0 represent transcript enrichment in line Tdp1 α -2a while values > 0 represent transcript enrichment in CTRL line. CC - coiled coil domain, RLK - receptor-like protein kinase.

Accession No.	Log2(fold change)	Gene product	Function	Reference
Medtr1g021100.1	-1.49602	NBS-LRR	defense response	Marone <i>et al.</i> (2013)
Medtr5g035300.1	-1.774	NBS-LRR	antimicrobial peptide activity	
Medtr5g070470.1	1.28082	NBS-LRR	defense/immunity protein	
Medtr3g026660.1	-1.53574	CC-NBS-LRR		
Medtr5g018120.1	-3.2675	CC-NBS-LRR		
Medtr3g035940.1	1.68918	LRR		
Medtr3g035480.1	1.32956	LRR		
Medtr5g028020.1	1.2055	LRR		
Medtr1g015530.1	1.22997	LRR-like RLK (ERECTA)	defense response to fungus	Van Zanten <i>et al.</i> (2009)
Medtr4g092530.1	-2.2869	LRR-like	inhibition of defense response	Romeis (2001)

Table 2. List of *PTI* genes differentially expressed in the *M. truncatula* Tdp1 α -2a line compared to CTRL. The Log2 (fold change) represents the log fold change to the base 2 of the Tdp1 α -2a line over the CTRL line. Log2 fold-change values < 0 represent transcript enrichment in line Tdp1 α -2a while values > 0 represent transcript enrichment in CTRL line.

Accession No.	Log2 (fold change)	Gene product	Function	Reference
Medtr4g081950.1	1.79414	expansin	cell wall remodeling	Abuqamar <i>et al.</i> (2013)
Medtr6g012520.1	1.95613	expansin		
Medtr5g012600.1	2.80275	expansin -like		Lionetti <i>et al.</i> (2007)
Medtr1g086540.1	2.2139	pectin methylesterase	pectin, demethylation	
Medtr4g124520.1	-1.77473	pectin methylesterase		
Medtr5g029190.1	1.68509	cellulose synthase-like	cell wall biogenesis	Vega-Sanchez <i>et al.</i> (2012)
Medtr3g118390.1	-6.56748	endochitinase	chitin digestion	Ebrahim <i>et al.</i> (2011)
Medtr2g099470.1	-2.01865	endochitinase PR4		
Medtr6g023340.1	-3.85664	chitinase		
Medtr6g023340.1	-2.40587	chitinase Class III-1		
Medtr5g010640.1	-6.57152	thaumatin	endo- β -1,3-glucanase activity, α -amylase inhibitor	Chu and Ng (2003)
Medtr2g008730.1	-2.77289	peroxidase	lignin/suberin synthesis ROS/RNS	Almagro <i>et al.</i> (2008)
Medtr2g008710.2	-2.51334	peroxidase class III	synthesis	
Medtr5g022870.1	-1.98970	peroxidase		
Medtr3g106740.1	5.96431	lipid transfer protein	lipid binding activity, wax delivery/signaling	DeBono <i>et al.</i> (2009)
Medtr1g072420.1	1.19150	endoglucanase inhibitor	pepsin-like inhibitor of cell wall degradation	Jahr <i>et al.</i> (2000)
Medtr4g128580.1	-2.88407	xyloglucan endotrans- glucosylase/hydrolase	cell wall remodeling	Wu and Cosgrove (2001)
Medtr4g076490.1	-3.19914	endo- β -1,3-glucanase	defense response	Shetty <i>et al.</i> (2009)

Table 3. List of genes encoding transcription factors (TFs) involved in the plant defence response which are differently expressed in the *M. truncatula* Tdp1 α -2a line compared to CTRL. The Log₂ (fold change) represents the log fold change to the base 2 of the Tdp2 α -2a line Tdp1 α -2a line over the CTRL line. Log₂ fold change values < 0 represent transcript enrichment in line Tdp1 α -2a while values > 0 represent transcript enrichment in CTRL line. bZIP - basic leucine ZIPper, C2H2 - cysteine2-histidine2, DHHC - tetrapeptide motif composed of aspartate-histidine-histidine-cysteine, GRAS - gibberellic acid insensitive, LDS - lesion simulating disease resistance, MYB - myeloblastosis related protein, NAC - NAM (no apical meristem)/ATAF1(*Arabidopsis* transcription activation factor)/CUC (cup shaped cotyledons), Ran-Binding - Ras-related nuclear domain, SAUR - small auxin-up RNA, WRKY - protein containing the amino acid sequence WRKYGQK.

Accession No.	Log ₂ (fold-change)	Gene product	Function	Reference
Medtr1g018420.1	-1.49602	zinc finger	response to wounding	Li <i>et al.</i> (2013)
Medtr3g107610.1	1.28186	zinc finger (Ran-binding)	response to chitin cell wall	
Medtr5g042870.1	0.95409	zinc finger (DHHC-type)	organization and	
Medtr1g090370.1	-2.24512	zinc finger (bZIP C2H2-type)	biogenesis/cell wall	
Medtr4g098500.1	1.74428	zinc finger (LDS1-type)	modification	
Medtr1g043080.1	-1.60388	MYB-related	response to chitin	Libault <i>et al.</i> (2007)
Medtr2g033820.1	-2.0519	WRKY33		
Medtr2g082220.1	1.18836	WRKY33		
Medtr2g033820.1	-2.38482	WRKY33		
Medtr3g031220.1	-1.83997	WRKY		
Medtr4g064180.1	-1.83997	GRAS	pathogen recognition	Van den Burg <i>et al.</i> (2008)
Medtr4g075980.1	-1.69357	NAC domain Family		
Medtr2g028160.1	-3.87173	F-box protein	negative regulation of	Asano <i>et al.</i> (2008)
Medtr2g028140.1	-3.57571	F-box protein	defense response	
Medtr4g072280.1	2.67269	transcription repressor NF-X1	Signaling in plant-	Ghanashyam and Jain (2009)
Medtr4g072470.1	2.20381	SAUR	pathogen interaction	
Medtr3g084190.1	2.3217	SAUR		