



Figure S1 Expression levels of the *LP2* gene in WT and transgenic lines.

Table S1. Primers used in this study

Prime name	Prime sequence (5'-3')	Description	
LP2-over- F	TCTGCACTAGGTACCTGCAG ATGGGCCTCACGTGTGATACAC	LP2 overexpression	
LP2-over- R	ATGGATCCGTCGACCTGCAG TGCATCTTGTTTCATTACATGCC		
DST-ov-F	TCTGCACTAGGTACCTGCAG ATGGACTCCCCGTCGCCTATGG	DST overexpression	
DST-ov-R	ATGGATCCGTCGACCTGCAG GAGGCTCAAGTTGAGGTCGA		
LP2-580-F	CGGTCCCGGGGGATCCATGGGCCTCACGTG TGATA	LP2 subcellular localization	
LP2-580-R	TGCTCACCATGGATCCTGCATCTTGTTTCATT ACATGCC		
LRR-k-F:	TCGCGGATCCGAATTCGGTGAGAATTCCT TAAAGTC	Protein expression in E.Coli	
LRR-k-R:	GACGGAGCTCGAATTCTCAACCATATTTCTT AGCTTCCAATC		
CHIP-F1	AGGTGATGTTTCGAATCTATACCAA	CHIP-qPCR	
CHIP-R1	GTGCCATGACGACGATGTGT		
CHIP-F2	TGTGATGAACTACGCCAAGACTATG		
CHIP-R2	CCCAATGAACAGGTCGAAAGC		
CHIP-F3	GAACGAGAATCTTGAAAGGTAACC		
CHIP-R3	CCGGAACCGGACAGAGAAAT		
CHIP-F4	CCGAAGGTGCTCCATTCTCT		
CHIP-R4	AATATTCGCACTTCACTTTGAGC		
PB42AD-DST-F	TGCCTCTCCCGAATTCATGGACTCCCCGTC GCCTATGG		Yeast one-hybrid assays
PB42AD-DST-R	CGAGTCGGCCGAATTCCTAGAGGCTCAAGT TGAGGTCGA		
PLaczi –LRR-F	ATCTGTCGACCTCGAGCTTGGTCTAATTTT TTTTTTGCTAC		
PLaczi –LRR-R	GAGCACATGCCTCGAGGTTACCTGCAAAA ATATAACAACC		
qLP2-F	ATGGGCCTCACGTGTGATAC	LP2 qPCR	
qLP2-R	CAAGAAGGGCATCACCAACG		