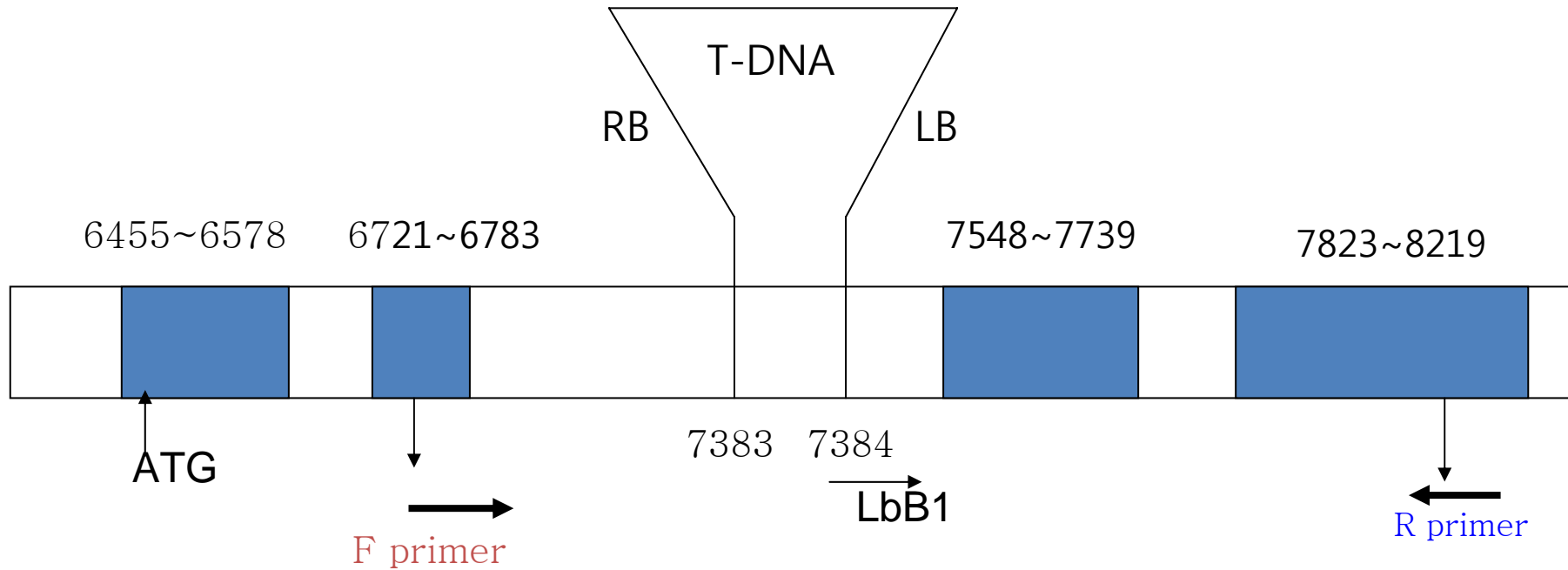


T-DNA tagged position in Salk 135261 and primers used for genotyping



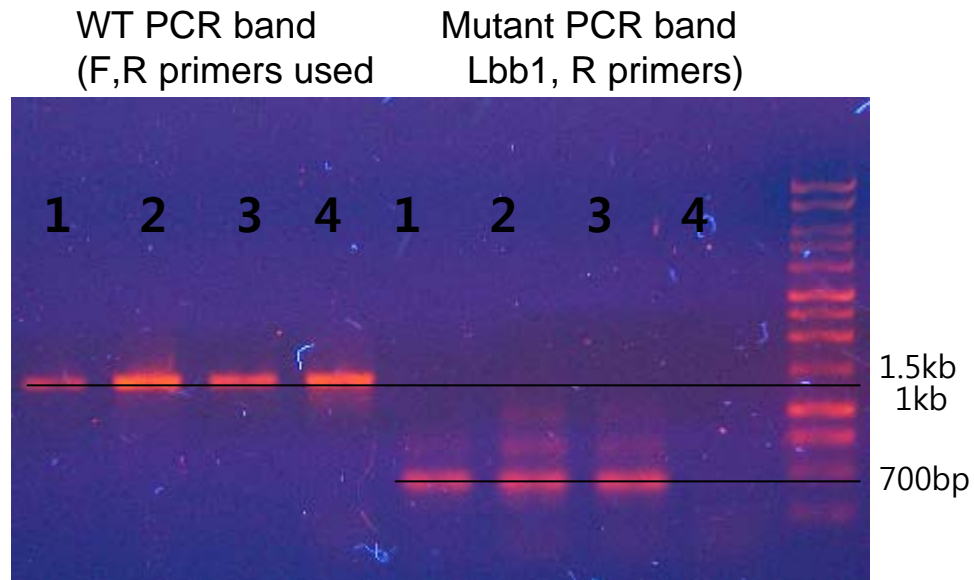
WT PCR product; 1.4 kb (F. R primers)

Mutant PCR: 720 bp (Lbb1, R primers)

 exon

 intron

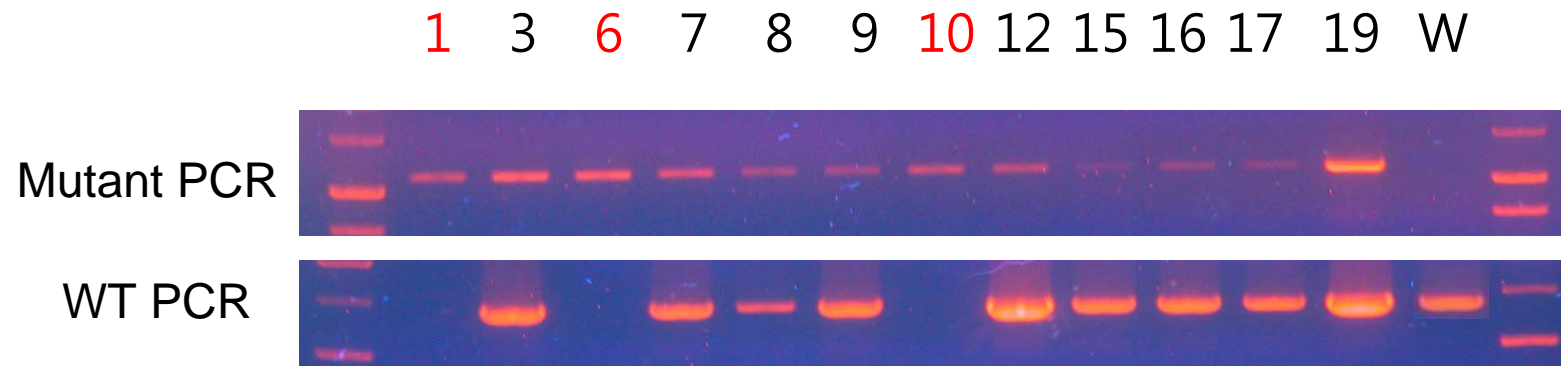
Genotyping of Salk135261 plants by PCR



1-3: SALK 135261 heterozygous mutant
4. Col-0

We identified heterozygous mutant from Salk135261 seeds and self-pollinated.

Genotyping to isolate homozygous mutant
from self-pollinated progeny of salk 135261

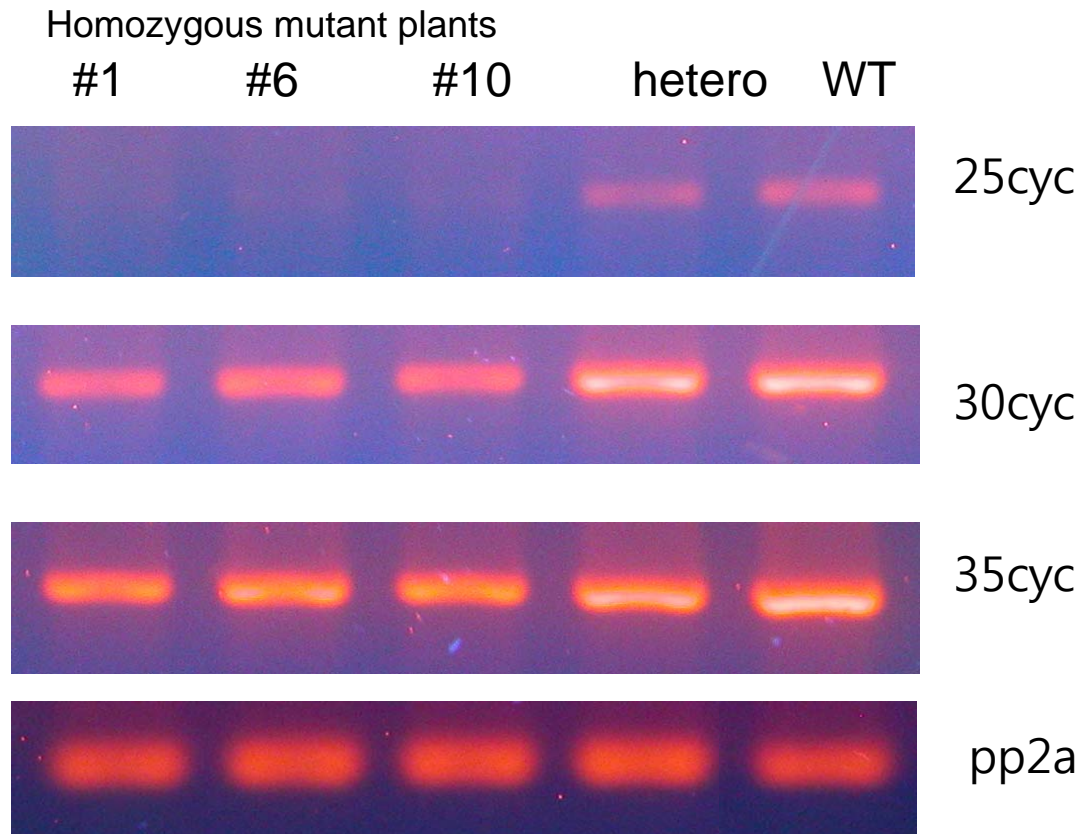


Homozygous mutants: #1,6,10

Heterozygous: 3,7,8,9,12,15,16,17,19

We isolated homozygous mutants.

RT-PCR to check gene expression of Salk135261 homozygous mutants



No gene expression was detected in 25cycle RT-PCR from mutant
But expression was detected when RT-PCR was done at higher cycles.
Band intensity was reduced in at least more than 10-fold in mutant
compared to WT. At30 cycles, wt band were already saturated.