

Supplementary Figure 1. Phenotype of the confirmed T-DNA insertion line of *APUM23*, SAIL_757_B08 (*apum23-1*). Note that SAIL_757_B08 (right) has pale green and pointed leaves as compared to Col (left), which resembles *apum23-3*.

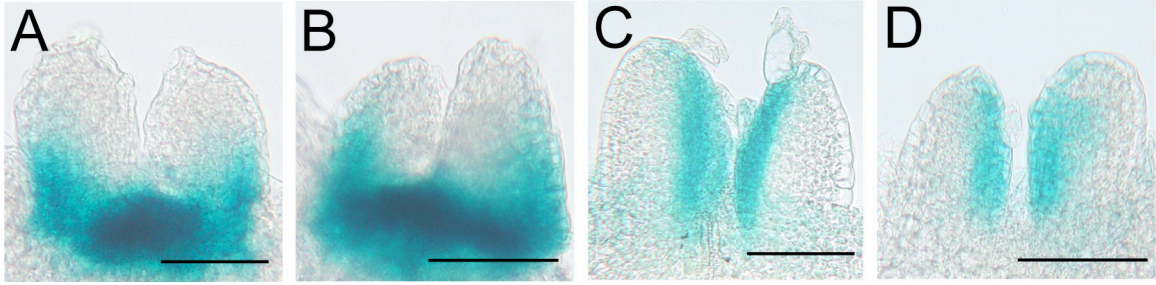
Supplementary Figure 2. Spatial expression patterns of *KAN1* and *AS2* in Col and *apum23-3*. Promoter:GUS reporters show the spatial expression of *KAN1* in Col (A) and *apum23-3* (B), and that of *AS2* in Col (C) and *apum23-3*(D). Bar=50µm



Col

SAIL_757_B08

Suppl. Figure 1



Suppl. Figure 2

Supplementary Table

Gene	Forward primer	Reverse primer
GAPC2	ctgttgggaaagtgtgccatccctcaat	catgtgaacgataaggtaacgacacga
PHB	ctggtgaagccgacccaaatggctgt	tggagccaggacgaggagcaatgg
REV	tgcaatggcgatctcaccgtctgg	accgagtcgtcgtccaagtgaat
AS1	gctgcgctcaaccgccaatcc	tgccaagctcggcgccctcc
AS2	gccgacatgcgcctccgtga	tgatgagtggcggcgaggataccg
TAS3	gaaagagagagaagagctccatgg	ccgactaaaagctcagataggataacac
KAN1	agcacatgtgaagagccatttgag	tgtgcccttgatccgctgatgattg
KAN2	gtggccatgaaagagcaacacc	ctgcttgtcggttgtcttcac
ARF3	ggtggagccggtgccaggaga	accctgctgctgccgatga
ARF4	ggcatgattctgcaatgtggtgtgg	ggagaagaatcaggctggctcacagaa
FIL	gcaccaccgtaaccgcctcca	ttgtctggcacgagcccgaagtg