



Figure S1. Chromosome pressing to identify Maize haploid material.

Table S1. Genes and their basic information

Gene ID	Chromosome	Protein
<i>Zm00001d033112</i>	1	kinesin-associated protein 13
<i>Zm00001d010525</i>	8	kinesin-like protein KIN-10C
<i>Zm00001d043386</i>	3	kinesin light chain LC6, flagellar outer arm

Table S2. Genes and their primers for qRT-PCR.

Gene	Primer sequence (5'-3')
<i>ZmGAPDH</i>	F: ATCAACGGCTTCGGAAGGAT
	R: CCGTGGACGGTGTCGTACTT
<i>Zm00001d033112</i>	F: GCTCTAGTTCAGCAGTACCTT
	R: GAATGGTTTTGGTGAGTCCTC
<i>Zm00001d010525</i>	F: GAGAGAACGCTAGCAATGGT
	R: GCTCCATGCTTCAATAACGC
<i>Zm00001d043386</i>	F: TGTTGGAAGGAAAGGCGGTG
	R: TTCTTGATGTGGGACGCGAT

Table S3. qRT- PCR reaction system.

Reagent	Volume (μL)
PCR Forward Primer	0.2
PCR Reverse Primer	0.2
Mix	5
ddH ₂ O	3.6
cDNA	1
Total	10