Supplemental Table S1. Primers used in this study.

Prime name	Prime sequence（5'-3')	Purpose
COM1-L1	AGGTTGAGTGGAGGAAGACG	RT-PCR
COM1-R1	TCTTATCCTTCAGGTCAACCTG	
UBQ-L1	AAGATGCAGGCATCTAGGGCAAGG	
UBQ-R1	AGGCTCTTGGCTTGGCACATGTTC	
MuTIR	AGAGAAGCCAACGCCAWCGCCTCYATTTCGTC	Genotyping
COM1-L2	AGGTTGAGTGGAGGAAGACG	
COM1-R2	GACCCAAGTAGCATAAATCACG	
UBQ-L2	TAAGCTGCCGATGTGCCTGCG	
UBQ-R2	CTGAAAGACAGAACATAATGAGCACA	RT-qPCR
COM1-L3	CCATCCAGGAAGTGAAGGACCA	
COM1-R3	TTCATCGTGTCGGCGAGATG	
COM1-F	AGGCTACTGTTAGGATCATC	Cloning the CDS full-length of ZmCOM1 into pEASY Blunt Zero Vector
COM1-R	TCACAGTAGCTACTGCCTACCA	
PCUN-1F	GATGCTCACCCTGTTGTTTG	Examining the cellular localization
PCUN-1R	CAGATGAACTTCAGGGTCAGC	
PCUN-COM1-F	AAGCTTCACGTGGGCGCGCCGGATCATGGAGGGGAAGGCGGTA	
PCUN-COM1-R	CCCTTGCTCACCATGGTACCACTAGTCATTTCTGATTCGAAACCAA	