

Table S1. Table of primers.

Name	Sequence 5'-3'	Information
ZmKCS-4F	CATGGTGGTCAACCACTACAA	used for semi-quantitative PCR
ZmKCS-4R	TGATGTTCTCCGTGCTGATG	used for semi-quantitative PCR
ZmKCS-3F	CTTCAGCTAGCCACATCTCTC	used for sequencing KCS coding sequence
ZmKCS-3R	GTCGATCGCCTTTCCTATCTC	used for sequencing KCS coding sequence
ZmKCS-1F	CGCACGTAGGACAACTGATAA	used for sequencing KCS coding sequence
ZmKCS-2R	GATGTACGGCTTCACCTTCTT	used for sequencing KCS coding sequence
ORP1-F	AAGGACGTGCACACCGC	used for semi-quantitative PCR
ORP1-R	CAGATACAGAACAACAACCTC	used for semi-quantitative PCR