

Additional File 1. gRNA sequences used in this study

Maize gRNA targets	5' – 3' sequence	
<i>PDS1</i> <i>promoter</i>	gRNA1 gRNA2 gRNA3 gRNA4	tctcgtcactatgtattccg cgggtagcggatatacca tgtattccgcgcatcacac tctgttgctaaggtaatatg
<i>ChlH</i> <i>promoter</i>	gRNA1 gRNA2 gRNA3 gRNA4	acactattataattatgcaa gatcaatcgcacagttaggg ccaagcctctgccctcgacg tctcctcctccaggagacga
<i>TrxH</i> <i>promoter</i>	gRNA1 gRNA2 gRNA3 gRNA4	tgtcgtcccagcctgaaaaa gtacgtacaagctcaciaaag cagctaggatgaatgcaacca gcggtattatgtctcggtag
gRNA scaffold	gttttagagctagaaatagcaagttaaaataaggctagtcggtatcaactgaaaaagtggcaccgagtcggtgc	
tRNA	aacaaagcaccagtgggtctagtggtagaatagtaccctgccacggtacagaccgggttcgattcccggctggtgca	