

**Table S3.** Summary of primers used for real-time RT-PCR

<b>Primer name</b>	<b>Forward primer</b>	<b>Reversed primer</b>
qZmYuc1*	TTATCCGTAGCCCGGTGCATGTTA	TCCACTGTGTTTCCTCTGATGCGA
qTar1*	ACTCTCAACTTCGTGCCGCTAAGA	CCTTGTTGTAGCGAAGCCATGCAA
qCDC25**	GGTCCAACCTTGTGCTCG	CCTGAAACCTCCCATCC
qCycZme1**	ACTTGGGATGAATCCACCGT	CGAGCTTGGGCTTGGAGTAC
qBeta-zein**	ATGCAGCTTGAGCGTGCC	ACAGGGGTTGGTGCGGTA
qGamma-zein**	CACCACCGTTTCATCTACCGC	AACTGCTGGCACGGGCTTA
qACTIN***	TACGAGATGCCTGATGGTCAGGTCA	TGGAGTTGTACGTGGCCTCATGGAC

\*: primers were got from citation (Bernardi et al. 2012)

\*\* : primers designed using Primer Premier5