

TableS3. List of primers used for the qRT-PCR assay of the key structural genes involved in Lino
leic and Linolenic Acid traits.

Name of Genes	Primer Sequences	Use
<i>Glyma.13G035600</i> S	CCCAACATCTCTCACCATTCTT	qPCR assay
<i>Glyma.13G035600</i> AS	CCCATCCCTACGCACAATATC	
<i>Glyma.19G147400</i> S	GTTCTCCGCTCATTCTCCTATG	qPCR assay
<i>Glyma.19G147400</i> AS	CTCTCCCAAGATGGGCTTTATT	
ActinIII S	GCTGTTCTTTCACTTTATGCAAG	Reference gene
ActinIII AS	CGCTCGGCTGAGGTGGTGAAGGA	