

**Table S1A: Primers for Expression Analysis**

Primer Name	Sequence
ZmActin-F	CCAAGGCCAACAGAGAGAAA
ZmActin-R	CCAAACGGAGAATAGCATGAG
Tb1-F	CCAAGAAAATCGGCCAATAA
Tb1-R	AACACCTCTCCCTCTCCTCC
Tga1-F	CAGTGCAGCAGGTTCCATC
Tga1-R	GAAGCTTATCTCGCCCTCCT
PCNA2-F	ATGTTGGAGTTGCGTCTGGT
PCNA2-R	GATGGTGATGATGTCTCCTCGTT
PRL-F	AAGAGTGATTTCCTTCCGTTC
PRL-R	GATATTGCATCAAGGCCAGAC
Zag1-F	ACTTAAGGAGCCGGGTTGAT
Zag1-R	ATCTTCCACCTTGGTCTGTTG
Zag2-F	CCATGTAACTGATCTCCGCA
Zag2-R	TGTCAAGGCTACTGTTGAGAGGT
Zmm3-F	AAGCGCAAGGAACAACAAC
Zmm3-R	ACCCTATATGCAGCGAAGGA
Zmm15-F	TGGGAGAGGATCTTGAAACG
Zmm15-R	GAAGCACGAGGAAGACGAAC
Zmm19-F	AACAAGATGGTCTGTGTTGATCTG
Zmm19-R	GCATGCTTGAGCACAGCTTA
ZmMADS2-F	AGAAGTGCAGTCCCTGGAGA
ZmMADS2-R	TGCAAAGTTGAATGGAGTCG
ZmMADS3-F	CGTGAATCTAGCGGTGCTTT
ZmMADS3-R	CCCTCATTCAACCCCTACAC
ZmZAP1-F	GATCATTGCTCCCTGTTGGT
ZmZAP1-R	CAGCAAGTCACGAACCATGT

**Table S1B: Primers for ChIP Analysis**

Primer Name	Sequence	Notes
ZmActin-F	CCAAGGCCAACAGAGAGAAA	qPCR
ZmActin-R	CCAAACGGAGAATAGCATGAG	qPCR
PCNA2 ChIP-F	TTGTGCTGAGCAGCAGAGAT	RT-PCR
PCNA2 ChIP-R	TGTGGATGGGAAGAGGAAAAC	RT-PCR
Tga1 ChIP-F	ACAGGTGCACAGCACAACAT	RT-PCR
Tga1 ChIP-R	AGCAGCAGCCAACAAAGATT	RT-PCR
PCNA2 ChIP-F	GACAGGTGGGTCCAATCCTTAAC	qPCR
PCNA2 ChIP-R	GGAGATTAATAGGGAGGCGTTTG	qPCR
Tga1 ChIP-F	ACAGGTGCACAGCACAACAT	qPCR
Tga1 ChIP-R	AGGAGCGTGTGCATGAAAAG	qPCR
Zag1 ChIP-F	CCCTGTACAGTCCACACG	qPCR
Zag1 ChIP-R	GTGGGGATAAGAAGGGTGGT	qPCR
Zag2 ChIP-F	CTGCCTGCCAGCTTCTTCT	qPCR
Zag2 ChIP-R	TATATGTGCGACTGCGTGCT	qPCR
Zmm3 ChIP-F	GGAGAGGACGGGAGAAAGAG	qPCR
Zmm3 ChIP-R	TAACCGGCTACGAGCTAAGG	qPCR
Zmm15 ChIP-F	CACTTCGTGCCAGAGGCTA	qPCR
Zmm15 ChIP-R	GCGGATTTAAAGCGAGTGAT	qPCR
Zmm19 ChIP-F	GGCTTTCTCCCTGATTGTG	qPCR
Zmm19 ChIP-R	GGCGAGGTAGATGATTCCTG	qPCR
ZmMADS2 ChIP-F	GCGCGCTCAAGCTACTAGTTC	qPCR
ZmMADS2 ChIP-R	ACGAAACTAAAGGCGAGCACT	qPCR
ZmMADS3 ChIP-F	GGGGAGGTTGCGACTGTTGTA	qPCR
ZmMADS3 ChIP-R	TCTCTTTCCCCACCGTACT	qPCR
ZmZAP1 ChIP-F	CACTGCCGGTTCGTTAAGAC	qPCR
ZmZAP1 ChIP-R	TACTGCATTGACGCCATGAT	qPCR