

File S3. Sequence of the *p2* transcript detected in *P1P2-3* allele in kernel pericarp.

The *p2* expression is driven by the promoter of GRMZM2G073064, and includes sequences of *Ac*, *p2* exon1 and *p2* exon 2:

(*Ac*Sequences:)ATACGATAACGGTCGGTACGGGNNTTCCNCCTACTTTCATCCCTG(*p2*Exon1:)GATACGACTCCGGTGTGGCGCGCGAT
GGGGAGGGCGCCGTGCTGCGAGAAGGTGGGGCTCAAGCGAGGGAGGTGGACGGCGGAGGAGGACCAGTTACTTGCCAACTACATTGCGG
AGCACGGCGAGGGTCCTGGAGGTCGCTGCCAAGATGCAG(*p2*Exon2:)GCCTGCTCCGGTGGCAAGAGCTGCCGGCTCCGGTGGATCA
ACTACCTTCGGGCGGAATTCA