

The sequence of the zein regulatory gene *opaque-2 (O2)* of *Zea Mays*

M.Maddaloni, N.Di Fonzo, H.Hartings, N.Lazzaroni, F.Salamini¹, R.Thompson¹ and M.Motto

Istituto Sperimentale per la Cerealicoltura, Via Stezzano 24, 24100 Bergamo, Italy and ¹Max-Planck Institut für Züchtungsforschung, D-5000 Köln, FRG

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We have sequenced cDNA and genomic clones of *O2* (Fig. 1). The mRNA has a leader and 3' untranslated sequences of 289 and 79 bp respectively. The main ORF is interrupted by 5 introns and codes for a protein containing a leucine zipper motif (1,2). At position -1237 a sequence considered a consensus for binding helix-turn-helix regulators (3) is present.



Figure 1 - Genomic sequence. Introns are denoted by small characters (TATA, ATG and TAG are underlined).

REFERENCES

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