Zea mays alcohol dehydrogenase 1 (LOC542363), mRNA

NCBI Reference Sequence: NM_001111939.2

FASTA Graphics

Go to:

LOCUS NM_001111939 1779 bp mRNA linear PLN 22-JUN-2025

DEFINITION Zea mays alcohol dehydrogenase 1 (LOC542363), mRNA.

ACCESSION NM_001111939

VERSION NM_001111939.2

KEYWORDS RefSeq.

SOURCE Zea mays

ORGANISM Zea mays

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliopsida; Liliopsida; Poales; Poaceae; PACMAD clade; Panicoideae; Andropogonodae; Andropogoneae; Tripsacinae; Zea.

REFERENCE 1 (bases 1 to 1779)

AUTHORS Quist,D. and Chapela,I.H.

TITLE Transgenic DNA introgressed into traditional maize landraces in Oaxaca, Mexico

JOURNAL Nature 414 (6863), 541-543 (2001)

PUBMED 11734853

REFERENCE 2 (bases 1 to 1779)

AUTHORS Tenaillon,M.I., Sawkins,M.C., Long,A.D., Gaut,R.L., Doebley,J.F. and Gaut,B.S.

TITLE Patterns of DNA sequence polymorphism along chromosome 1 of maize (Zea mays ssp. mays L.)

JOURNAL Proc Natl Acad Sci U S A 98 (16), 9161-9166 (2001)

PUBMED 11470895

REFERENCE 3 (bases 1 to 1779)

AUTHORS SanMiguel,P., Gaut,B.S., Tikhonov,A., Nakajima,Y. and Bennetzen,J.L.

TITLE The paleontology of intergene retrotransposons of maize

JOURNAL Nat Genet 20 (1), 43-45 (1998)

PUBMED 9731528

REFERENCE 4 (bases 1 to 1779)

AUTHORS Paul,A.L. and Ferl,R.J.

TITLE In vivo footprinting reveals unique cis-elements and different modes of hypoxic induction in maize Adh1 and Adh2

JOURNAL Plant Cell 3 (2), 159-168 (1991)

PUBMED 1840906

REFERENCE 5 (bases 1 to 1779)

AUTHORS Osterman,J.C. and Dennis,E.S.

TITLE Molecular analysis of the ADH1-Cm allele of maize

JOURNAL Plant Mol Biol 13 (2), 203-212 (1989)

PUBMED 2577507

REFERENCE 6 (bases 1 to 1779)

AUTHORS Jin,Y.K. and Bennetzen,J.L.

TITLE Structure and coding properties of Bs1, a maize retrovirus-like transposon

JOURNAL Proc Natl Acad Sci U S A 86 (16), 6235-6239 (1989)

PUBMED 2474829

REFERENCE 7 (bases 1 to 1779)

AUTHORS Sachs,M.M., Dennis,E.S., Gerlach,W.L. and Peacock,W.J.

TITLE Two Alleles of Maize ALCOHOL DEHYDROGENASE 1 Have 3' Structural and Poly(a) Addition Polymorphisms

JOURNAL Genetics 113 (2), 449-467 (1986)

PUBMED 17246333

REFERENCE 8 (bases 1 to 1779)

AUTHORS Johns,M.A., Mottinger,J. and Freeling,M.

TITLE A low copy number, copia-like transposon in maize

JOURNAL EMBO J 4 (5), 1093-1101 (1985)

PUBMED 2988938

REFERENCE 9 (bases 1 to 1779)

AUTHORS Dennis,E.S., Sachs,M.M., Gerlach,W.L., Finnegan,E.J. and Peacock,W.J.

TITLE Molecular analysis of the alcohol dehydrogenase 2 (Adh2) gene of maize

JOURNAL Nucleic Acids Res 13 (3), 727-743 (1985)

PUBMED 2987807

REFERENCE 10 (bases 1 to 1779)

AUTHORS Gerlach,W.L., Pryor,A.J., Dennis,E.S., Ferl,R.J., Sachs,M.M. and Peacock,W.J.

TITLE cDNA cloning and induction of the alcohol dehydrogenase gene (Adh1) of maize

JOURNAL Proc Natl Acad Sci U S A 79 (9), 2981-2985 (1982)

PUBMED 16593188

COMMENT VALIDATED REFSEQ: This record has undergone validation or preliminary review. The reference sequence was derived from AY104302.1.

On Jun 3, 2017 this sequence version replaced NM_001111939.1.

Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Gene record to access additional publications.

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