

The sequence of TGF- β 2 from *Xenopus laevis*

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TGF- β 2 is one of the five known isoforms of transforming growth factor- β (1). While TGF- β 2 is equipotent to TGF- β 1 in several assays involving different mammalian cell lines (2), it is differentially active in inducing mesoderm differentiation in ectodermal explants from *Xenopus laevis* embryos (3). We have shown that the *Xenopus* cell line XTC produces TGF- β 2 (2). Here we report the sequence of *X. laevis* TGF- β 2 based on cDNA clones isolated from an XTC cell library. The sequence is highly

homologous to that of mammalian TGF- β 2, with 95% identity in the region of mature TGF- β 2, and 82% in the precursor region.

REFERENCES

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3. Rosa,F., Roberts,A.B., Danielpour,D., Dart,L.L., Sporn,M.B. and Dawid,I.B. (1988) *Science* 239, 783-786.

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                                     M H Y Y V L P T F
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L T L D L A P V A L S L S T C S A L D M D Q F M R K R I E A I R G Q I
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L S K L K L N B P P E D Y P E P G E V S O D V I S I Y N S T R D L L O
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F K I S L H C P C C T F I P S N N Y I I P N K S E E L E T R F A G I D
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