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A £ 1 53 -- 1 53 _ _ Δ133 53/Δ113 53 Δ133 53/Δ113 53. 53 _ \ . . -... £, 53 . ۲. 1 1 **53** ,. , ⊾ .. **53**β ,. 8 1 - 1 - 1 1 11 L 53 1.1,1 A2 53, A3 53, A4 53 ____ A5 53, / . . 1 A. (£., ` II ** 1 11 1 **`**), . 53) // CA Δ113 53 1_ 4 1 - 1 4 1 CA к. кк[.]. _/ £ _ **Δ113** 53. 1 - k. A 53. 1 53 _ Δ113 53 _ Δ113 53/ A2/3/4/5 53 - 1_ . _· _ { · -, ,► 5 - K 🖉 💶 🛌 🛌 · . A A -.

Λ p53 $\Delta 113p53/\Delta 133p53$ Δ $/\Delta$. Δ $/\Delta$ Δ sec13 def def^{hi429/hi429} def^{hi429/ hi429} Т $\Delta 113p53$ def^{hi429/hi429} βT Ť T Т 1. 1. 1. $\Delta 113p53$ p53 $\Delta 113p53$ T





Morpholinos

 $def \qquad \Delta 113p53 \qquad T$ TAp53 TTT T T T T T T T T $\Delta 113^{b}p53 \qquad$

RNA and protein analysis



TUNEL assay and embryo viability counting



Antibodies



Identification of a p53 alternative splicing isoform p53β





Figure 2.

p53_ 1

Т_

TAp53









NGORGES A AUGULATTIGAAAAGALATTIAAAAGGUTIGAATIATILACCGG2 GGICGCLACLAIGGIGAAGGGCGAAGG TITTIGACAAGALATTIGAAAAGALATTIAAAAGGUTIGAATIATILACCGG2 GGICGCCACLAIGGIGAAGGGCGAAGG

B

CAGGAGGGTAAGACATTTGAAAAGACATTTAAAAGGCTTGAATTATTCAC 🔿
caggaggtattcac.→
🗧 САББАБББТААБАСАТТТБААААБАСАТТТААААББСТТБААТТАТТСАС 🗕
CAGGAGGGTAAGACATTTGAAAAGACATTTAAAAGGCTTGAATTATTCAL =
CAGGAGGGTAAGACATTTGAAAAGACATTTAAAAGGCTTGAATTATTCAC



TAp53 proteins arise from the CATT 4 bp deletion in the $\Delta 113p53$ alternative splicing transcript





Α









ACC ... B



NN 10 9



L C



