

Authors' correction

Nkx-2.5: a novel murine homeobox gene expressed in early heart progenitor cells and their myogenic descendants

Lints, T. J., Parsons, L. M., Hartley, L., Lyons, I. and Harvey, R. P. (1993). *Development* 119, 419-431.

We have detected four errors in the sequence for NkX-2.5a cDNA given in Fig. 1. The corrected version is printed below.

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1 GAATTCCTGTCAAATGAATGGGGTGACGCAGAAGTGCCTCGCTCCTGTATCCAGGCCCTGGCCCAATGGCAGGCTGAATCCCCCTA
2 CTCCAGCCTCGTCCCGCCTCTTCTGCCCTGGTGTCTCCGCGTACCTGTCTGCCCGCGCCACATCCAGGGCAGAGAGGGGGTGCAGGGGG
366 GAGCTGTCTGCGCGCCTCGAGGCCACCTTGGCCCTGCCTCTGCATGCTGGCCCGCTTCAAGCCGAGGCTACTCTGGCCCGAGGGCG
456 GCAGCGTCCGGCCTGGCAGAGCTGCGCGGGAGATGGGCCCGCCTTCGCCCCCAAGTGTCTCTCTGCTTTCCAGCGCCCGCCAC
61 A A S G L A E L R A E M G P A P S P P K C S P A F P A A P T
546 TTTTACCCGGGAGCCTACGGTGAACCTGACCCAGCCAAAGACCTCGGGCGGATAAAAAAGAGCTGTGCGCGCTGCAGAAGGCACTGGAG
91 F Y P G A Y G D P D P A K D P R A D K K E L C A L Q K A V E
636 CTGACAAAGCCGAGAGCGATGGCGCCGAGAGACCACCGCAGCGGGCGACCGAAGCCACGCGTGTCTTCTCGCAGGCGCAGGTCTAC
121 L D K A E T D G A E R P R A R R R R R K P R V L F S Q A Q V Y
726 GAGCTGGAGCGCGCTTCAAGCAACAGCGGTACCTGTGCGCGCAGAGCGCAGCCAGCTGGCCAGCGTGTGAAGCTCACGTCCAGCGAG
151 E L E R R F K Q Q R Y L S A P E R D Q L A S V L K L T S T Q
816 GTCAAGATCGTTCAGAAACCGTTCGCTACAAGTGAAGCGACAGCGGCGAGGACCAGACTCTGGAGCTTCTGGGGCCCGCCCGCCGCC
181 V K I W F Q N R R Y K C K R Q R Q D Q T L E L L G P P P P P P
906 GCGCGCAGGATCGCGGTGCCGTGCTGGTGCAGCGGAAAGCCCTGCCTGGGGACCCCGCGCCTACGCTCCCGCCTACGGCGTGGGT
211 A R R I A V P V L V R D G K P C L G D P A A Y A P A Y G V G
996 CTCAATGCCTATGGCTACAACCGCTACCCCTACCCAGCTACGGCGCGCGGCTGCAGTCCCGCTACAGCTGCGCCGCTACCCCGCT
241 L N A Y G Y N A Y P Y P S Y G G A A C S P G Y S C A A Y P A
1086 GCGCCCCCGCGCGCAGCCCGCCCGCCCTCCGCCAACAGCAACTTCGTGAACCTTGGCTCGGGGACTTGAACCGTGCAGAGTCCC
271 A P P A A Q P P A A S A N S N F V N P G V G D L N N T V Q S P
1176 GGGATGCCGAGGGCAATTCGGCGCTCCACGCTGCACGGCATCCGAGCCTGTTGGAAAGAGCCCTTTGGGGCGCCCGGAACGAC
301 G M P Q G N S G V S T L H G I R A W *
1266 TCCACCTTTAGGAGAAGGGGATGACTCCGGGATGGAAAGCTCCCACTATGCCCTGTCCCTCGGATTTACACCCACCTCGCGCAGGC
1358 CTGGACCTTCTCCGATCCATCCACTTTATTGACGTAGCTGGTGTCTCGGACCTGGCAGAGCTTCCAGGGTACGGGCACTTTTCGAG
1450 GATTCCACACTAGGACCGGGAGCTGGGCCGGCGCCCGGCCCTGGTTGTCTTCCGCTCGCCACCCACCCCTATTATGTTTTTACCTGT
1542 TGTAAGAAATGAGAACCTCTTCCCATTAAGTGAGTGGTAACGCAAGGAATTC
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Fig. 1. DNA sequence of the Nkx-2.5a cDNA clone with the predicted Nkx-2.5 amino acid sequence. The start and stop codons, and the homeobox are boxed. The amino-terminal homology is underlined (see Fig. 2B). The NK2-specific domain is doubly underlined (see Fig. 2C). The region between the homeodomain and the NK2-specific domain shared by Nkx2.5 and Nkx-2.6 is indicated with dashes (Fig. 2C). A possible polyadenylation signal and mRNA instability sequence are respectively overlined and underlined in bold.

We would also like to point out that the *Drosophila NK4/msh-2* gene has been renamed *tinman* (see Bodmer (1993) *Development* 118, 719-729).