

Corrigendum

Corrigendum to: ms1, a novel stress-responsive, muscle-specific gene that is up-regulated in the early stages of pressure overload-induced left ventricular hypertrophy (FEBS 26169) [FEBS Letters 521 (2002) 100–104][☆]

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Re-examination of the sequencing chromatograms revealed inconsistencies in the calling of three nucleotides in the rat ms1 cDNA between different clones. Subsequent re-sequencing has confirmed the presence of errors in the published ms1 sequence. Specifically, in the published sequence T nucleotides are erroneously inserted in the coding region at positions 978 and 1174, and there is a substitution error of T instead of C in

the 3'-untranslated region at position 1189. The consequence of these errors is that the deduced protein size of 317 aa is incorrect.

The correct full-length cDNA for ms1 is 1285 bp and codes for a predicted protein of 375 aa. An amended Fig. 3A and legend are given below.

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ACATTCCTCTTTAGCCAGTGCCTAGGCTGTGACGAGAGAAGAAACAGGTAGATGGCTC 60
                                     M A P 3
CTGGAGAACTGTAAAGGAGGCGGGCCGCCAAGAGTGCCCTCCAGAAGGTCCGCAGAG 120
G E T V R E A G P A K S A L Q K V R R A 23
CAACCTCTGGTGTCACTTGGCCGAGGATGGCAGCAGTGGGCGAATGAGAACAGTACCA 180
T L V I N L A R G W Q Q W A N E N S T R 43
GACAGGCCAGGAGCCTGCAGGCTGGCTGCCAGGAGCACTCAAGACCTACCTCAGCTC 240
Q A Q E P A G W L P G A T Q D L P H T P 63
CTAAGAACCAGGCTCTCGCCAGCATGCCCAACCTCCGCTCCAAAGCCAGATGGAG 300
K E P G P R Q H A P K P P S P K P D G D 83
ACAGAGAGGACGAGGCTCTGAGGAAGCCAGGAGGTCTCCATATCAAAAGGAAAGAGG 360
R E G R G S E E A T E V S H I K R K E V 103
TGACCAGAACGGTTGTCTAGTAAGCGGTATGAGAGAGGAGAGATGTGAACCTAGTGGCC 420
T R T V V S K A Y E R G G D V N Y L S H 123
ACAGGTACGAGCATGATGGCGGCTGTCTGAAGCGGTCCAGCCAGACAATGACATTGACA 480
R Y E H D G G V S E A V Q P D N D I D R 143
GAATCTCTCTCAGTCACGACTCGCCACGCGGAGAAGAAATGCACCAACTTGGTATCTA 540
I L L S H D S P T R R R K C T N L V S K 163
AGCTGACCAAGGCTGGAAAGTGATGGAACAGGAGGAGCCCAAGTGAAGAGTGACAGCA 600
L T K G W K V M E Q E E P K W K S D S I 183
TAGACACAGAGGACAGTGGCTACGGAGGGGACATGGAGGAGAGGCGCTGACCAAGATGTAG 660
D T E D S G Y G G D M E E R P E Q D V A 203
CGCAGGTGGCTGCTGCCAGGATTAAGCGCCCTTGCACTCCAGGCAAAACAGATACTCAG 720
Q V A A A R I K R P L H S Q A N R Y S E 223
AGACACTCAACTGTAAAGCCCATCGGAAATACAGCCCAAGTGGACAACCTTGAAGGAGGT 780
T L N C K A H R K Y S Q V D N L K G R W 243
GGCAGCAGTGGGCGGATGAACACATACAGTCACAGAAGCTCAACCCCTTCAGTGATGAAT 840
Q Q W A D E H I Q S Q K L N P F S D E F 263
TTGACTATGACCTAGCCATGTCCACTCGACTCCCAAGGAGACGAGGAGATATGGCCGCG 900
D Y D L A M S T R L H K G D E G Y G R P 283
CAAAAGAGGGAAGCAAGACAGCTGAAAGGGCCCAAGAGAGCCGAGGAGCACATCTATCGGG 960
K E G S K T A E R A K R A E E H I Y R E 303
AAATTATGGAATTGTCTTTGTATCCGACAAATGGCTCGCCATAGACGAGATGGCAAGA 1020
I M E L C F V I R T M A R H R R D G K I 323
TCCAGGTACTTTTCGAGAACTCTTTGATAGATATGTTGCAATTTGAGATAAAGTGGTGG 1080
Q V T F G E L F D R Y V R I S D K V V G 343
GCATCTCATGCGTGGCCAGGAAACACGAGTGGTGCCTTTGAAGGGGAGATGCTATGGC 1140
I L M R A R K H G L V H F E G E M L W Q 363
AAGGCAAGATGACCATGTTGTGATTACTCTCTTGAAGGCCCTCAATAAATCAACCT 1200
G K D D H V V I T L L E * 375
GCCATTGTTTACTATTAAATGATAATGTATTATAAGTTCAAAGGCAAACTGCTCTGGAA 1260
TGTTATCAATATTAATGATTATT

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Fig. 3. A: Full-length cDNA (5' to 3') and putative protein sequence of ms1. The 5' and 3' RACE products are indicated by shaded regions of the nucleotide sequence, and the translation start (ATG) and stop (*) codon coding for the longest open reading frame are shown in bold. The putative polyadenylation signals are in bold.

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