

Nucleotide sequence of *Xenopus laevis* Oct-1 cDNA

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We report the nucleotide sequence of a *Xenopus laevis* Oct-1 cDNA clone. The clone was isolated from a mature folliculated oocyte cDNA library by homology to human Oct-1 cDNA (1). Translation of the longest open reading frame from the first in-frame methionine is shown.

human Oct-1 cDNA clone. This work was funded by a MRC studentship award to D.P.S. and a SERC grant to R.W.O.

REFERENCE

1. Sturm, R.A., Das, G., Herr, W. (1988) *Genes and Development* 2, 1582-1599.

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0001 GCAGCGGGCGGAGGAGGAGCAGATGTAAGGAGGAGCAGTTTGGTGTCCACCAATCATTTTCTAAGTCTATCCAGCGTTAATTTTTTACCGGAAGAGCCTGAAATAAGTAGAACTC
0121 TGGGAAGAGCAGTGCCTTAATAACACCATGAAATTCATTCTTCTCCAAAGATTCAAAACCATGCCTGGCTGTCAGATGCAAGAATGAACAATCCGTCGGAAACGAGTAAATCACCAGAG
      M K L H S S S K I Q N H A W L S D A R M N N P S E T S K S P E
0241 AGCGGGGATGGGAACACAGGCACTCAAAAGAAATGGCCTGGACTTTCAGAAAAGCTGTGCCCATGGAGCCATTACGTGGGCCAAAGCCAGGCTTTGCTCGGACACCTGCACCCAGTCT
      S G D G N T G T Q T N G L D F Q K Q A V P I G A I T S A Q A Q A L L G H L H Q V
0361 CAGCTCGCTGGCAAGTTTACAGGCTGCTGGCCATTCCCTAAATGTACAGACTAAATTTAAAGAAAGGCTGGGAGCCGATGCAAGTGGTCCAGCCTTCCAGCAGCCCTCACTGCAG
      Q L A G T S L Q A A A H S L N V Q T K F K E E P G E P M Q V V Q P S Q Q P S L Q
0481 GCAGCCATCCCCAGACTCAGTCTAGTGGTGGCGCAAAATCGCTGGCTCACACTGACGCCGGCCAGCAGCAAAATGCTACTCCAGCAGGCCAGGCCAGTTACTTGCAGCCGCA
      A A I P Q T Q L M V A G G Q I A G L T L T P A Q Q Q M L L Q Q A Q A Q L L A A A
0601 GTGCAGATTCTGCCAACGACACACACGCTGCCGGTCCACCATCTCGCCCTCTGCCCACTCCAATGACACAGATTCCCTTCTCAACCAATACAGATTGCACAGGATCTGCAG
      V Q H S A N Q Q H N A A G A T I S A S A A T P M T Q I P L S Q P I Q I A Q D L Q
0721 CAGCTGCAGCAGCTTCCAGCAGCAAAATCTTAACTGCAGCAATATGTGTTGGTGCATCCAAACCAACCTACAGTCAGCGCAGTTTCACTCTCTCAGACGCCGAGGGGCAAGGC
      Q L Q Q Q L Q Q N L N L Q Q Y V L V H P T T N L Q S A Q F I I S Q T P Q G Q Q G
0841 CTCCTGCAGGGCGCAAAATCTTAACTCACTACCTCAGCAAAAGCCAAAGCCAACTCCTGCACTCTCAGCCAAAGCATCAACCTCACCTCAGCAGCAACCCCAAGCCGCAATAGCT
      L L Q A Q N L L T Q L P Q Q S Q A N L L Q S Q P S I T L T S Q P A T P T R T I A
0961 GCCACCCCTGTACAGCACTTCCACAAAGCCAGACACACCAAGCGAATCGACACCCCAAGCCTGGAAGAGCCAGTGAAGTGGAGGAGCTTGGCAATTTGCCAAGACATTTAAACAG
      A T P V Q Q L P Q S Q T T P K R I D T P S L E E P S D L E E L E Q F A K T F K Q
1081 AGAGCATCAAATCCGATTCACTCAGGTTGATGTGGGCTGTGATGGGCAACTCTATGAAATGACTTCAAGCAAACTACTACTCCCGTTTCGAAAGCCTTGAATCTTAGCTTTAAA
      R R I K L G F T Q G D V G L A M G K L Y G N D F S Q T T I S R F E A L N L S F K
1201 AATATGTGCAAAATTAAGCCTTCTTGGAAAAGTGGCTTAATGACGAGTTTAAAGAAAACATAACGCTGACTCTACCTGACCAACCAAAAGTGTCTGAACTCGCCAGGACAGGAAATG
      N M C K L K P L L E K W L N D A V L E N I T S D S T L T N Q S V L N S P G H G M
1321 GAAGGCTGAATCGCAGGAGGAAAGAACGACACGACATAGAGACCAACATACGATGGCCCTTAGAGAAAGTTCCTGGAAGAACCAAAAGCCTACCTCGGAGGAGATCAACATGATTGCA
      E G L N R R R K K R T S I E T N I R V A L E K S F L E N Q K P T S E E I T M I A
1441 GACCAGCTGAACATGGAGAAAGTATCCGTGTCTGTTCTGCAACAGCGCCAGAAAGGATAAAACCCCGGAGCAGTGGTGGATCCAGCAGTCTCCCAATTAATCACTG
      D Q L N M E K E V I R V W F C N R R Q K E K R I N P P S S G G S S S S P I K S L
1561 TTCTCCAGTCCAAATCCGCTGGTGGCCAGTACCCCAAGCCTTGTGACAGTAGTCCAGCAACTACACTGACTGTAACCCAGTGTCCCGCTTACAAGTGTCTGTATAACCAAGCTTT
      F S S P N P L V A S T P S L V T S S P A T T L T V N P V L P L T S A A A I T S F
1681 CATATCCAGGCAACACAGGAATCTCCCTCGGTAACACAGCAACTGTGATCTCAACAGCACCCCTGTATCTCTGTCTGACGCTCTCTCTAAGTTCTCCCCCTCGGCTACTGCA
      H I P G T T G T S S A N T A T V I S T A P P V S S V L T S P S L S S S P S A T A
1801 GCATCATCAGAAAGCATCTACAGCCCGGAGACGACGACGCAACCAACATCCACTCCAAATGACTCTTCAATTAACACTGGTCAAGTCAATGGTCACTGCAATCCGGAATCCACAGGCA
      A S S E A S T A G E T S T T Q T T S T P M T S S L N T G Q V M V T A S G I H T A
1921 GCGCTACGGCACTACAGGGCGCAGCAGATGGCTACCAATGCAAGTCTTGTGCTGCAAGTGGCTGTCAGCAGGACTAAACCCCGGGCTTATGGCACCCCTCAGATTTGCCGCTGGAGGT
      A A T A L Q G A A Q L P T N A S L A A M A A A A G L N P G L M A P S Q F A A G G
2041 GCCTTATTCAGCTCAATCCAGTGCAGTGGGAGCCCTTAGCCCTGCTCATGAGTAAATAGTACACTGGCAACAATTCAGGCTTGCATCAAGTGGATCTCTCCAAATAACATCC
      A L F S L N P G A L G S A L S P A L M S N S T L A T I Q A L A S S G S L P I T S
2161 CTGGATGCTGCTGGAACTTGGCTTTGCCAAGCTGGAGGGACCCCTAACATTGTAAGTCCGCCCTTATTCCTCAATCCCTCAGAACCTCTCTGTTTACCAGCAACCTGTTAGCTTG
      L D A A G N L V F A N A G G T P N I V T A P L F L N P Q N L S L F T S N P V S L
2281 ATCTCTGACGCTCCCGTGGGGCTACTGGCCCATCACAAGCCTTATGCCAACCTCCCTCAATGATTCCATCCAGAACGCACTATTACCATGGCCCTGCTGAGGAGGCTGCTTCC
      I S A A S A G A T G P I T S L H A T T S S I D S I Q N A L F T H A S A S G A A S
2401 ACCACCACTGCTCCAGGGCGCAATGAGTTTTTGGGGGGTGGGGACATGGCGGTGCAAACTAGACCATGTGACATTGCTGCTTACTTATAGCGATCAACTAC
      T T T S A S K A Q
    
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