Wasenius et al., Vol. 108, No. 1, January 1989

Due to an error in production, on pages 82 and 83, the nucleotide sequence in Fig. 2 appeared out of order. The correct sequence appears below.

```
AAGAAGGACACACCAATGACCAGCAAACAAACAAAAAAAACCAGGTTCTTCTTTCATGGATCTCTTCCTACCTTTGTTTTATAATACAAACAAACGTTAACTGAGTGCTTTTTGCTTTCA -5
-124
    M  D  P  S  G  V  K  V  L  E  T  A  E  D  I  Q  E  R  R  Q  Q  V  L  D  R  Y  H  R  F  K  E  L  S  S  L  R  R  Q  K  39
GAAAATGGATCCAAGTGGGGTAAAAGTGTTGGAAACAGCAGAAGATATCCAAGAACGGCGTCAGCAGGTTTTGGACCGTTACCACAGGTTCAAGGAGCTGTCTTCTCTGAGGCGCCAAAA +116
   +1
 L  E  D  S  Y  R  F  Q  F  F  Q  R  D  A  D  E  L  G  K  W  I  Q  E  K  L  Q  I  A  S  D  E  N  Y  K  D  P  S  N  L  Q  79
ACTCGAAGATTCCTATCGGTTCCAGTTCTTCCAGCGTGATGCAGATGAGCTGGGAAAATGGATCCAAGAGAAACTCCAGATAGCATCTGATGAAAATTACAAAGACCCAAGCAATTTACA  236

 G  K  L  Q  K  H  Q  A  F  E  A  E  V  Q  A  N  S  G  A  I  V  K  L  D  E  T  G  N  Q  M  I  N  E  G  H  F  A  S  E  T  119
GGGGAAGCTGCAGAAGCACCAGGCCTTTGAAGCTGAGGTGCAGGCCAATTCAGGGGCTATCGTTAAGCTGGATGAGACTGGAAATCAGATGATCAATGAAGGCCATTTTGCATCTGAAAC  356

 I  R  T  R  L  Q  E  L  H  R  L  W  E  L  L  L  E  K  M  R  E  K  G  V  K  L  L  Q  A  Q  K  L  V  Q  F  L  R  E  C  E  159
CATAAGAACTCGTCTACAGGAGCTGCACCGACTATGGGAGTTACTGCTGGAAAAAATGAGAGAGAAGGGAGTGAAGCTGTTGCAAGCACAGAAGCTGGTGCAATTCTTACGGGAATGTGA  476

 D  V  M  D  W  I  N  D  K  E  A  I  V  T  S  E  E  L  G  Q  D  L  E  H  V  E  V  L  Q  K  K  F  E  E  F  Q  T  D  L  A  199
AGATGTCATGGACTGGATCAATGACAAGGAAGCAATAGTGACCTCAGAAGAGCTTGGACAGGACTTAGAGCATGTTGAGGTTTTGCAGAAGAAATTTGAAGAGTTCCAAACAGATCTGGC  596

 A  H  E  E  R  V  N  E  V  N  Q  F  A  G  K  L  I  Q  E  Q  H  P  E  E  E  L  I  K  S  K  Q  D  E  V  N  A  S  W  Q  R  239
AGCTCATGAGGAGAGAGTGAATGAAGTGAACCAGTTCGCTGGGAAACTTATCCAGGAACAGCACCCTGAGGAGGAACTTATAAAGTCCAAACAGGATGAAGTAAATGCAAGCTGGCAGCG  716

 L  K  G  L  A  Q  Q  R  Q  G  K  L  F  G  A  A  E  V  Q  R  F  N  R  D  V  D  E  T  I  S  W  I  K  E  K  G  Q  L  M  A  279
TCTTAAGGGGCTTGCCCAACAGAGGCAAGGAAAACTCTTTGGGGCAGCTGAAGTTCAGCGCTTCAACAGGGATGTGGATGAAACTATCAGCTGGATTAAGGAGAAAGGGCAGTTGATGGC  836

 S  D  D  F  G  R  D  L  A  S  V  Q  A  L  L  R  K  H  E  G  L  E  R  D  L  A  A  F  H  H  K  V  K  A  L  C  A  E  A  D  319
CTCAGATGACTTTGGCAGAGACTTGGCCAGCGTGCAAGCTTTACTACGTAAGCATGAAGGCCTGGAAAGAGATCTTGCAGCTTTCCACCATAAGGTTAAGGCCCTCTGTGCAGAAGCTGA  956

 R  L  Q  Q  S  H  P  I  N  A  S  Q  I  Q  V  K  R  E  E  L  I  A  N  W  E  Q  I  R  T  L  A  A  E  R  H  A  R  L  N  D  359
CCGTTTGCAGCAATCTCACCCTATAAATGCTTCTCAAATTCAAGTGAAACGGGAGGAACTGATTGCCAACTGGGAGCAGATCCGAACTCTGGCAGCAGAGAGGCATGCTCGCCTTAATGA  1,076

 S  Y  R  L  Q  R  F  L  A  D  F  R  D  L  T  S  W  V  T  E  M  K  A  L  I  N  A  D  E  L  A  N  D  V  A  G  A  E  A  L  399
CTCCTACAGGTTGCAGCGCTTTCTTGCAGATTTCCGGGACCTCACTAGCTGGGTAACTGAGATGAAGGCTCTGATAAATGCTGATGAGCTTGCCAATGATGTGGCTGGAGCAGAAGCCCT  1,196

 L  D  R  H  Q  E  H  K  G  E  I  D  A  H  E  D  S  F  R  S  A  D  E  S  G  Q  A  L  L  A  A  G  H  Y  A  S  D  E  V  K  439
TCTAGATAGACATCAGGAACATAAGGGAGAAATTGATGCTCATGAGGATAGCTTCAGATCTGCTGATGAGTCTGGGCAGGCTTTGCTTGCAGCTGGGCACTATGCTTCTGATGAAGTTAA  1,316

 E  K  L  T  I  L  S  D  E  R  S  A  L  L  E  L  W  E  L  R  R  Q  Q  Y  E  Q  C  M  D  L  Q  L  F  Y  R  D  T  E  Q  V  479
AGAAAAGCTGACTATCCTCTCAGATGAAAGATCTGCCTTGCTGGAACTATGGGAGCTTCGCAGGCAACAGTATGAGCAGTGCATGGATCTGCAGCTTTTCTACAGAGATACTGAACAAGT  1,436

 D  N  W  M  S  K  Q  E  A  F  L  L  N  E  D  L  G  D  S  L  D  S  V  E  A  L  L  K  K  H  E  D  F  E  K  S  L  S  A  Q  519
TGACAACTGGATGAGCAAACAAGAAGCTTTTCTGCTGAACGAAGACCTTGGTGATTCTCTGGATAGCGTGGAGGCTCTTCTAAAGAAGCATGAAGATTTTGAGAAATCCCTAAGTGCTCA  1,556

 E  E  K  I  T  A  L  D  E  F  A  T  K  L  I  Q  N  N  H  Y  A  M  D  D  V  A  T  R  R  D  A  L  L  S  R  R  N  A  L  H  559
AGAGGAGAAAATCACAGCACTGGATGAGTTTGCTACTAAACTGATTCAAAATAACCATTATGCCATGGATGACGTTGCTACGCGCAGAGATGCTCTTCTGAGTCGCCGAAATGCTCTTCA  1,676

 E  R  A  M  K  R  R  A  Q  L  A  D  S  F  H  L  Q  Q  F  F  R  D  S  D  E  L  K  S  W  V  N  E  K  M  K  T  A  T  D  E  599
TGAAAGAGCCATGAAGCGCCGTGCCCAACTGGCAGACTCTTTCCATCTCCAGCAGTTTTTCAGGGACTCTGATGAACTGAAGAGTTGGGTTAATGAAAAAATGAAAACTGCTACCGATGA  1,796

 A  Y  K  D  P  S  N  L  Q  G  K  V  Q  K  H  Q  A  F  E  A  E  L  S  A  N  Q  S  R  I  D  A  L  E  K  A  G  Q  K  L  I  639
GGCTTACAAGGATCCATCCAACTTGCAAGGTAAAGTTCAGAAGCATCAGGCTTTTGAAGCAGAGCTTTCTGCTAATCAGAGTCGTATTGATGCACTGGAGAAAGCTGGCCAGAAGTTGAT  1,916

 D  V  N  H  Y  A  S  D  E  V  A  A  R  M  N  E  V  I  S  L  W  K  K  L  L  E  A  T  E  L  K  G  I  K  L  R  E  A  N  Q  679
TGATGTCAATCACTATGCATCTGATGAGGTGGCAGCTCGCATGAATGAAGTCATCAGCTTGTGGAAGAAACTTCTGGAAGCCACCGAGCTCAAAGGTATAAAGCTGCGTGAAGCCAATCA  2,036

 Q  Q  Q  F  N  R  N  V  E  D  I  E  L  W  L  Y  E  V  E  G  H  L  A  S  D  D  Y  G  K  D  L  T  S  V  Q  N  L  Q  K  K  719
ACAGCAGCAATTTAATCGCAATGTAGAAGACATTGAGTTGTGGCTGTATGAAGTGGAGGGTCACTTGGCTTCTGATGATTATGGAAAAGATCTTACCAGCGTTCAGAATCTTCAGAAGAA  2,156

 H  A  L  L  E  A  D  V  A  A  H  Q  D  P  I  D  G  I  T  I  Q  A  R  Q  F  Q  D  A  G  H  F  D  A  D  N  I  K  K  K  Q  759
ACATGCCCTGCTAGAGGCAGATGTTGCTGCCCATCAGGATCCGATAGATGGCATTACCATCCAGGCACGCCAGTTCCAAGATGCTGGGCACTTTGATGCTGACAATATCAAGAAGAAACA  2,276

 E  A  L  V  A  R  Y  E  A  L  K  D  P  M  V  A  R  K  Q  K  L  A  D  S  L  R  L  Q  Q  L  F  R  D  I  E  D  E  E  T  W  799
AGAAGCTTTAGTAGCTCGTTATGAAGCTCTGAAGGATCCTATGGTGGCTCGCAAGCAGAAACTTGCAGATTCTCTTCGCCTGCAGCAGCTTTTCCGTGACATCGAGGATGAAGAGACCTG  2,396

 I  R  E  K  E  P  I  A  A  S  T  N  R  G  K  D  L  I  G  V  Q  N  L  L  K  K  H  Q  A  L  Q  A  E  I  A  G  H  E  P  R  839
GATCAGGGAAAAGGAACCTATTGCAGCCTCAACAAACCGAGGCAAGGACTTAATTGGTGTCCAGAATCTGCTAAAGAAGCACCAGGCTTTGCAGGCAGAAATTGCAGGCCATGAGCCTCG  2,516

 I  K  A  V  T  Q  K  G  N  A  M  V  E  E  G  H  F  A  A  E  D  V  K  I  K  L  N  E  L  N  Q  K  W  D  S  L  K  A  K  A  879
CATTAAAGCAGTCACACAAAAAGGAAATGCGATGGTGGAAGAGGGACATTTTGCTGCTGAAGATGTGAAGATCAAATTGAATGAACTAAACCAAAAATGGGACTCTCTGAAAGCGAAGGC  2,636

 S  Q  R  R  Q  D  L  E  D  S  L  Q  A  Q  Q  Y  F  A  D  A  N  E  A  Q  S  W  M  R  E  K  E  P  I  V  G  S  T  D  Y  G  919
ATCTCAACGGCGACAGGATCTAGAGGATTCTCTGCAAGCTCAGCAGTATTTGCTGATGCTAATGAGGCACAATCATGGATGAGGGAAAAGGAGCCCATTGTAGGCAGCACGGATTATGG  2,756

 K  D  E  D  S  A  E  A  L  L  K  K  H  E  A  L  M  S  D  L  S  A  Y  G  S  S  I  Q  A  L  R  E  Q  A  Q  S  C  R  Q  Q  959
AAAGGATGAAGACTCTGCTGAGGCTCTCCTGAAGAAGCATGAAGCTTTGATGTCTGATCTTTCTGCTTACGGCAGTAGCATACAGGCATTAAGGGAACAGGCCCAGTCCTGCAGGCAACA  2,876

 V  A  P  T  D  D  E  T  G  K  E  L  V  L  A  L  Y  D  Y  Q  E  K  S  P  R  E  V  T  M  K  K  G  D  I  L  T  L  L  N  S  999
AGTTGCTCCCACTGATGATGAAACTGGAAAAGAGCTTGTGCTAGCACTCTATGATTACCAAGAGAAGAGTCCTCGGGAGGTGACTATGAAGAAAGGAGATATTCTAACCCTGCTCAACAG  2,996

 T  N  K  D  W  W  K  V  E  V  N  D  R  Q  G  F  V  P  A  A  Y  V  K  K  L  D  P  A  Q  S  A  S  R  E  N  L  L  E  E  Q  1,039
CACCAACAAGGACTGGTGGAAGGTTGAAGTTAACGATCGTCAGGGCTTTGTACCAGCTGCCTATGTGAAAAAACTAGATCCTGCCCAGTCTGCATCCCGAGAGAATCTTCTGGAAGAGCA  3,116

 G  S  I  A  L  R  Q  E  Q  I  D  N  Q  T  L  I  T  K  E  V  G  S  V  S  L  R  M  K  Q  V  E  E  L  Y  H  S  L  L  E  L  1,079
AGGCAGCATAGCATTGCGACAGGAGCAAATTGACAACCAGACTCTCATTACTAAGGAAGTCGGCAGTGTATCTCTGCGTATGAAACAGGTCGAAGAACTGTATCATTCCCTTCTTGAGCT  3,236

 G  E  K  R  K  G  M  L  E  K  S  C  K  K  F  M  L  F  R  E  A  N  E  L  Q  Q  W  I  N  E  K  E  A  A  L  T  N  E  E  V  1,119
GGGAGAAAAACGTAAAGGCATGCTAGAAAAAAGCTGCAAGAAGTTTATGCTTTTCCGTGAGGCTAATGAGCTTCAACAGTGGATCAATGAGAAGGAAGCTGCACTCACTAACGAGGAAGT  3,356

 G  A  D  L  E  Q  V  E  V  L  Q  K  K  F  D  D  F  Q  K  D  L  K  A  N  E  S  R  L  K  D  I  N  K  V  A  N  D  L  E  S  1,159
GGGTGCTGATTTGGAGCAGGTGGAGGTGCTACAGAAGAAGTTTGATGATTTTCAGAAGGATTTAAAAGCTAATGAGTCACGACTGAAGGACATAAACAAGGTTGCAAATGATCTGGAGTC  3,476
```

Downloaded from http://rupress.org/jcb/article-pdf/108/3/1177/1466197/1177.pdf by guest on 07 February 2026

```
 E G L M A E E V Q A V E H Q E V Y G M M P R D E T D S K T V S P W K S A R M M V  1,199
TGAAGGGCTGATGGCAGAGGAAGTGCAAGCAGTAGAGCACCAGGAAGTCTATGGAATGATGCCCAGAGATGAAACTGATTCTAAGACAGTCTCTCCTTGGAAGTCTGCACGTATGATGGT  3,596

 H T V A T F N S I K E L N E R W R S L Q Q L A E E R S Q L L G S A D E V Q R F H  1,239
ACACACGGTGGCAACATTTAACTCAATTAAGGAACTGAATGAACGCTGGAGATCCCTGCAGCAGTTGGCAGAGGAGCGAAGCCAGCTGTTGGGCAGCGCTGATGAAGTCCAGAGGTTCCA  3,716

 R D A D E T K E W I E E K N Q A L N T D N Y G H D L A S V Q A L Q R N D E G F E  1,279
CAGAGATGCTGATGAAACAAAAGAATGGATAGAAGAGAAGAATCAAGCATTAAATACCGACAACTATGGACATGACTTGGCCAGTGTGCAGGCTCTGCAGCGCAACGATGAAGGCTTTGA  3,836

 R D L A A L G D K V N S L G E T A Q R L I Q S H P E L A E D L Q E K C T E L N Q  1,319
GAGAGACTTGGCAGCTCTTGGAGACAAGGTGAATTCTCTTGGTGAAACTGCCCAGCGTCTGATCCAGTCACATCCAGAACTAGCTGAAGATCTTCAAGAAAAATGTACTGAGTTGAACCA  3,956

 A W S S L G K R A D Q R K E K L G D S H D L Q R F L S D F R D L M S W I N G I R  1,359
AGCCTGGAGTAGTCTGGGAAAACGTGCTGACCAACGCAAAGAGAAGCTTGGAGATTCTCATGACCTGCAGCGTTTCCTCAGTGATTTTAGAGACCTTATGTCTTGGATCAATGGAATCCG  4,076

 G L V S S D E L A K D V T G A E A L L E R H Q E H R T E I D A R A G T F Q A F E  1,399
GGGTCTGGTCTCCTCAGATGAACTTGCAAAAGATGTGACTGGAGCTGAAGCTCTGTTGGAAAGGCATCAGGAGCACCGTACTGAAATAGATGCACGGGCTGGCACTTTTCAGGCATTTGA  4,196

 Q F G Q Q L L A R G H Y A S P E I K E K L D I L D Q E R T D L E K A W V Q R R M  1,439
ACAGTTTGGACAGCAGCTTCTGGCTCGTGGACACTATGCCAGCCCAGAGATTAAGGAGAAACTGGATATTCTAGATCAAGAACGGACAGACCTAGAGAAGGCCTGGGTCCAGCGCAGAAT  4,289

 M L D Q C L E L Q L F H R D C E Q A E N W M A A R E A F L N T E D K G D S L D S  1,479
GATGCTAGACCAGTGCTTAGAACTACAGCTGTTTCATCGGGATTGTGAACAAGCTGAAAACTGGATGGCTGCCCGAGAGGCGTTCCTAAATACAGAAGACAAAGGAGACTCCTTAGACAG  4,409

 V E A L I K K H E D F D K A I N V Q E E K I A V L Q S F A D Q L I A A D H Y A K  1,519
CGTGGAGGCACTCATCAAGAAGCATGAAGATTTCGATAAAGCAATCAATGTCCAGGAAGAGAAAATTGCTGTCTTGCAGTCTTTTGCTGACCAACTGATTGCTGCTGATCATTATGCAAA  4,529

 G V I A N R R N E V L D R W R R L K A Q M I E K R S K L G E S Q T L Q Q F S R D  1,559
AGGAGTCATTGCTAACAGACGCAATGAGGTTCTGGACAGGTGGCGTCGTCTGAAGGCTCAGATGATTGAGAAGAGATCTAAGCTGGGAGAATCTCAGACCCTCCAACAGTTCAGTCGTGA  4,649

 V D E I E A W I S E K L Q T A S D E S Y K D P T N I Q L S K L L S K H Q K H Q A  1,599
TGTTGATGAAATAGAAGCTTGGATCAGTGAAAAGCTTCAAACTGCAAGTGATGAGTCATATAAGGATCCCACAAACATCCAGCTTTCCAAACTGCTGAGCAAGCACCAGAAGCACCAAGC  4,796

 F E A E L H A N A D R I R G V I E M G N P L I E R G A C A G S E D A V K A R L A  1,639
CTTTGAAGCTGAGCTCCACGCCAACGCAGATCGGATTCGTGGAGTCATTGAAATGGGGAACCCTCTTATTGAAAGAGGAGCGTGTGCTGGCAGCGAGGATGCTGTGAAGGCTCGGCTGGC  4,916

 A L A D Q W E F L V Q K S S E K S Q K L K E A N K Q Q N F N T G I K D F D F W L  1,679
TGCCCTGGCTGACCAATGGGAGTTCCTGGTCCAGAAGTCATCAGAGAAGAGTCAGAAACTGAAAGAAGCAAATAAACAGCAGAATTTCAATACCGGCATCAAGGACTTTGATTTCTGGCT  5,036

 S E V E A L L A S E D Y G K D L A S V N N L L K K H Q L L E A D I S A H E D R L  1,719
TTCAGAGGTGGAAGCTTTGTTGGCATCTGAAGACTATGGGAAGGACTTGGCATCAGTGAACAACCTTCTGAAGAAGCACCAATTACTGGAAGCTGATATATCTGCTCATGAGGATCGGCT  5,156

 K D L N S Q A D S L M T S S A F D T S Q V K D K R E T I N G R F Q R I K S M A A  1,759
GAAGGACCTGAACAGCCAGGCTGACAGTTTGATGACCAGCAGTGCTTTCGATACCTCCCAAGTAAAGGATAAACGTGAAACTATAAATGGGCGCTTCCAGAGAATCAAGAGCATGGCAGC  5,276

 A R R A K L N E S H R L H Q F F R D M D D E E S W I K E K K L L V S S E D Y G R  1,799
TGCCCGCCGTGCGAAGCTCAACGAGTCGCACCGCTTGCATCAGTTCTTCCGTGACATGGATGATGAGGAGTCCTGGATCAAAGAGAAGAAACTGTTGGTGAGCTCAGAGGACTATGGCAG  5,396

 D L T G V Q N L R K K H K R L E A E L A A H E P A I Q G V L D T G K K L S D D N  1,839
AGACCTGACTGGTGTGCAGAACCTGAGGAAGAAACATAAGCGCTTGGAAGCAGAATTAGCTGCCCATGAACCTGCTATCCAGGGTGTTCTAGACACTGGCAAGAAGCTTTCAGATGATAA  5,516

 T I G K E E I Q Q R L A Q F V D H W K E L K Q L A A A R G Q R L E E S L E Y Q Q  1,879
CACAATTGGGAAGGAGGAGATACAGCAAAGACTGGCTCAGTTTGTGGACCACTGGAAAGAGTTAAAACAGCTGGCAGCTGCTCGGGGGCAACGTCTGGAGGAGTCCCTGGAGTACCAACA  5,636

 F V A N V E E E E A W I N E K M T L V A S E D Y G D T L A A I Q G L L K K H E A  1,919
GTTTGTAGCAAATGTTGAGGAAGAGGAGGCATGGATCAACGAGAAAATGACATTGGTAGCCAGTGAGGATTATGGAGACACACTTGCTGCTATCCAGGGCTTGCTGAAGAAGCATGAAGC  5,756

 F E T D F T V H K D R V N D V C A N G E D L I K K N N H H V E N I T A K M K G L  1,959
ATTCGAGACTGACTTTACTGTCCACAAAGACAGAGTGAATGATGTTTGTGCTAATGGAGAGGATCTCATTAAAAAGAATAATCACCATGTGGAGAACATTACTGCTAAGATGAAGGGCCT  5,876

 K G K V S D L E K A A A Q R K A K L D E N S A F L Q F N W K A D V V E S W I G E  1,999
CAAGGGCAAGGTATCAGATCTGGAGAAAGCCGCAGCTCAGAGGAAAGCCAAACTGGATGAGAACTCTGCCTTCCTCCAGTTCAACTGGAAAGCAGATGTGGTGGAGTCATGGATAGGTGA  5,996

 K E N S L K T D D Y G R D L S S V Q T L L T K Q E T F D A G L Q A F Q Q E G I A  2,039
GAAGGAAAACAGCCTGAAGACAGATGATTATGGCCGTGACCTCTCCTCTGTGCAAACACTACTCACCAAACAGGAAACCTTTGATGCTGGACTTCAGGCTTTCCAGCAGGAGGGAATTGC  6,116

 N I T A L K D Q L L A A K H I Q S K A I E V R H A S L M K R W N Q L L A N S A A  2,079
AAACATCACTGCTCTGAAAGACCAGCTACTGGCAGCCAAACATATCCAATCAAAGGCCATTGAGGTTCGTCACGCTTCCTTGATGAAACGCTGGAATCAGCTGCTTGCTAATTCTGCAGC  6,236

 R K K K L L E A Q E H F R K V E D L F L T F A K K A S A F N S W F E N A E E D L  2,119
CAGGAAAAAGAAACTCTTGGAGGCTCAGGAGCACTTCAGAAAGGTTGAAGATCTCTTCTTGACTTTTGCCAAGAAGGCCTCTGCCTTCAACAGTTGGTTTGAGAATGCTGAGGAGGACCT  6,356

 T D P V R C N S L E E I K A L R E A H D A F R S S L S S A Q A D F N Q L A E L D  2,159
GACGGATCCCGTGCGCTGCAATTCCCTGGAAGAAATCAAAGCACTGCGAGAAGCCCACGATGCCTTCCGTTCCTCACTTAGCTCTGCCCAAGCTGACTTCAACCAGCTGGCAGAGCTTGA  6,476

 R Q I K S F R V A S N P Y T W F T M E A L E E T W R N L Q K I I K E R E L E L Q  2,199
TCGGCAGATCAAGAGCTTCCGTGTAGCCTCCAACCCGTACACTTGGTTTACTATGGAGGCTCTTGAAGAAACTTGGAGGAATCTGCAGAAAATTATCAAGGAGCGTGAATTGGAGTTGCA  6,596

 K E Q R R Q E E N D K L R Q E F A Q H A N A F H Q W I Q E T R T Y L L D G S C M  2,239
GAAGGAGCAGCGGAGGCAGGAAGAAAATGACAAGTTGCGCCAGGAGTTTGCTCAGCATGCTAATGCCTTCCACCAGTGGATTCAGGAGACAAGGACTTACCTGCTAGATGGGTCCTGTAT  6,716

 V E E S G T L E S Q L E A T K R K H Q E I R A M R S Q L K K I E D L G A A M E E  2,279
GGTGGAGGAGTCGGGAACACTGGAATCCCAGCTGGAAGCTACTAAACGCAAGCACCAGGAGATCCGGGCTATGAGGAGCCAGCTGAAGAAGATTGAGGACCTTGGAGCAGCCATGGAAGA  6,836

 A L I L D N K Y T E H S T V G L A Q Q W D Q L D Q L G M R M Q H N L E Q Q I Q A  2,319
GGCACTTATCTTGGACAACAAATACACAGAGCACAGCACCGTGGGGCTGGCGCAGCAGTGGGACCAGCTTGACCAGCTGGGAATGAGAATGCAGCACAATCTGGAACAGCAGATTCAAGC  6,956

 R N T T G V T E E A L K E F S M M F K H F D K D K S G R L N H Q E F K S C L R S  2,359
TCGAAACACAACTGGAGTCACAGAGGAGGCCCTGAAGGAGTTCAGCATGATGTTCAAGCACTTTGACAAGGACAAATCTGGACGTCTTAATCACCAGGAGTTTAAGTCTTGCTTGCGCTC  7,076

 L G Y D L P M V E E G E P D P E F E S I L D T V D P N R D G H V S L Q E Y M A F  2,399
CCTTGGCTATGACCTGCCCATGGTTGAGGAAGGAGAGCCTGACCCCGAATTTGAGTCTATTCTTGACACTGTTGATCCCAACAGGGATGGCCACGTCTCGCTGCAGGAGTACATGGCGTT  7,196

 M I S R E T E N V K S S E E I E S A F R A L S S E R K P Y V T K E E L Y Q N L T  2,439
CATGATCAGCAGGGAAACAGAGAACGTGAAATCCAGCGAGGAGATTGAGAGTGCTTTCCGTGCCCTCAGCTCGGAGAGGAAGCCTTACGTGACCAAGGAGGAGCTCTACCAGAACCTGAC  7,316

 R E Q A D Y C I S H M K P Y M D G K G R E L P S A Y D Y I E F T R S L F V N *  2,479
CCGGGAGCAGGCCGACTACTGCATTTCTCACATGAAGCCCTACATGGATGGCAAGGGCAGAGAACTTCCTTCTGCCTACGACTACATAGAATTTACACGTTCACTCTTTGTGAATTGATA  7,436

CAAAACACTAGTACCAAAAGATACAAAGAACATGCTCACGTTTGCTGACTATAAGCTCTGCATGTGTCTCTCTTTGTGCTCTACAATAATCAATGTTACTTTATGATGTAACCTTAAACT  7,556

GCTTAGCTTAAAACTCTTAGGGAAGACAAACATATTGCAGTGTGCCTTCAATAAAAGTTACTGGTCGAACCACAAAAAAAAAAAAAAAAAAAAA  7,650
```

Downloaded from http://nupress.org/jcb/article-pdf/108/3/1177/1466197/1177.pdf by guest on 07 February 2026