

**Biochemistry.** In the article "Molecular cloning of a gene encoding the histamine H2 receptor" by Ira Gantz, Matthias Schäfer, John DeValle, Craig Logsdon, Virginia Campbell, Michael Uhler, and Tadataka Yamada, which appeared in number 2, January 15, 1991, of *Proc. Natl. Acad. Sci. USA* (88, 429-433), the authors request that the following error be noted. Fig. 2 on page 430 contained an incorrect nucleotide sequence from position 631 through 651; however, the amino acids were correctly specified. The correct nucleotide sequence, which GenBank received at the outset, is reproduced here with an overline denoting the corrected sequence.

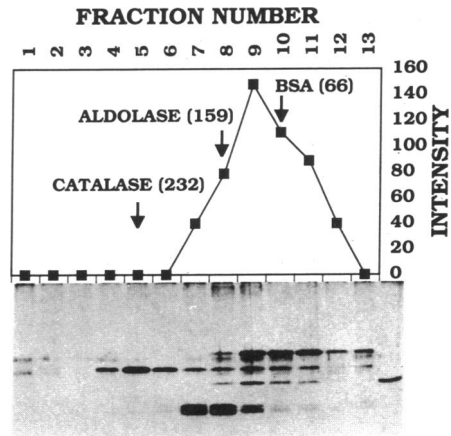
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1  ATGATATCTAACGGCACAGCCTCTTCCTTTTGTCTGGACTCTCCCTCATGCAGGATCACT  60
1  M I S N G T A S S F C L D S P P C R I T  20
61  GTCAGCGTGGTCTCCTACTGTCTCCTCATCACCATCGCCGGCAATGTGGTGGTCTGC  120
21  V S V V L T V L I L I T I A G N V V V C  40
121 CTGGCTGTGGCCGTGAACCGCGGCTCCGCAGTCTGACTAATCGTTCATGTGTGCGITT  180
41  L A V G L N R R L R S L T N C F I V S F  60
181 TCTATCACCAGTGTCTCTCGGCTCCTGGTCTGCCCTTCGGGCTTCTACCAGTAA  240
61  S I T D L L L G L L V L P F S A F Y Q L  80
241 TCCTGCAGGTGGAGCTTCGGCAAAGTCTTCTGCAATATCTATACCAGCTGGATGTGATG  300
81  S C R W S F G K V F C N I Y T S L D V M  100
301 CTGTGCACGGCTCCATCCTCAACCTCTTCATGATCAGCCTTGACCGGTACTGCGGTGTC  360
101 L C T A S I L N L F M I S L D R Y C A V  120
361 ACTGACCCCTCGGCTACCTCTGTCTTATCACCACCGTCCGGGTCCGGCTCTCTCTTGTG  420
121 T D P L R Y P V L I T P V R V A V S L V  140
421 TTAATTTGGGTTCATCCATCACCCTGTCTCTCTCTATTCATCTGGGGTGAACAGC  480
141 L I W V I S I T L S F L S I H L G W N S  160
481 AGGAATGAGACCAGCAGTTTCAATCACACCATTCCTCAAGTCAAGTCCAGGTCACCTTG  540
161 R N E T S S F N H T I P K C K V Q V N L  180
541 CTGTATGGCTTGGTGGATGGGCTGGTCACTTCTACCTGCCGCTGTGTCATGTGCATC  600
181 V Y G L V D G L V T F Y L P L L V M C I  200
601 ACCTACTACCGCATCTTCAAGATTGCCCGGACAGGCAAGAGGATCCATCACATGGGC  660
201 T Y Y R I F K I A R D Q A K R I H H M G  220
661 TCCTGGAAGGCAGCTACCATTTGGGGAGCACAAGCCACAGTGACACTGGCTCAGTGTG  720
221 S W K A A T I G E H K A T V T L A A V M  240
721 GGAGCCTTCATCATATGTGGTTCCTTACTTACTGTGTTGTTGTTACCGTGGGCTGAAA  780
241 G A F I I C W F P Y F T V F V Y R G L K  260
781 GGGATGATGCCATCAATGAGGCTTTTGAAGCCGCTGTTCTGTGGCTGGGCTATGCCAAC  840
261 G D D A I N E A F E A V V L W L G Y A N  280
841 TCGGCCGTGAACCCATCTCTGTATGCCACACTGAACAGAGACTTCGGCACGGCATACCAG  900
281 S A L N P I L Y A T L N R D F R T A Y Q  300
901 CAGTCTTCGGCTGCAGCCGCCGCCACACAAATGCCAGGAACCTTCTGTAGGTCGGAAC  960
301 Q L F R C R P A S H N A Q E T S L R S N  320
961 AGCTCTCAGTGGCCAGGAATCAAGCCGAGAACCCATGCGGAGGAAGAGAAGCCCTG  1020
321 S S Q L A R N Q S R E P M R Q E E K P L  340
1021 AAGCTCCAGGTGTGGAGTGGGACAGAGTCCACAGCCCTCGAGGAGCCACAGACAGGTAA  1080
341 K L Q V W S G T E V T A P R G A T D R *  360
    
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**Medical Sciences.** In the article, "Total absence of colony-stimulating factor 1 in the macrophage-deficient osteopetrotic (*op/op*) mouse" by Wieslaw Wiktor-Jedrzejczak, Anna Bartocci, Anthony W. Ferrante, Jr., Aftab Ahmed-Ansari, Kenneth W. Sell, Jeffrey W. Pollard, and E. Richard Stanley, which appeared in number 12, June 1990, of *Proc. Natl. Acad. Sci. USA* (87, 4828-4832), the authors request that the following correction to the Note Added in Proof be made. The nonsense mutation reported in the colony-stimulating factor 1 gene of *op/op* mice appears to be due to a sequencing artifact as its detection could not be reproduced. The sequence in this region was indistinguishable from the wild-type sequence and the mutation subsequently reported by Yoshida *et al.* (30) has been confirmed.

30. Yoshida, H., Hayashi, S.-I., Kunisada, T., Ogawa, M., Nishikawa, S., Okamura, H., Sudo, T., Shultz, L. D. & Nishikawa, S.-I. (1990) *Nature (London)* 345, 442-444.

**Biochemistry.** In the article "The activation domain of the bovine papillomavirus E2 protein mediates association of DNA-bound dimers to form DNA loops" by Jonathan D. Knight, Rong Li, and Michael Botchan, which appeared in number 8, April 1991, of *Proc. Natl. Acad. Sci. USA* (88, 3204-3208), due to a printer's error, Fig. 1 was rotated clockwise 90°. Fig. 1 is printed below in its correct orientation.



**FIG. 1.** Sedimentation velocity of E2. One microgram of purified E2 was mixed with 1  $\mu$ g each of bovine serum albumin (BSA), catalase, and aldolase and sedimented on a gradient of 20-40% (vol/vol) glycerol in DNA binding buffer (25 mM HEPES, pH 7.4/5% glycerol/1 mM EDTA/2 mM  $MgCl_2$ /200 mM NaCl). After centrifugation for 8 hr at 50,000 rpm in a TL-100 SW55 rotor at 4°C, the gradient was dripped into 13 fractions. One-tenth of each fraction from the gradient is shown on the silver-stained SDS/PAGE gel. The relative intensity of each band is plotted on the graph above. Only the peak fraction is shown for the standards. E2 peaks between bovine serum albumin (66 kDa) and aldolase (159 kDa). The last lane shows 1/10th of the total E2 protein loaded on the gradient. E2 sedimented at the same position in a parallel gradient without standards. Identical results were obtained at 37°C.

**Genetics.** In the article "Inactivation of the *Zfx* gene on the mouse X chromosome" by David A. Adler, Steven L. Bressler, Verne M. Chapman, David C. Page, and Christine M. Disteche, which appeared in number 11, June 1991, of *Proc. Natl. Acad. Sci. USA* (88, 4592-4595), the authors request that the following correction be noted. Throughout the abstract, "*Mus musculus*" should be replaced by "laboratory strain of mouse" since laboratory strains of mice are a complex species including *Mus musculus*, *Mus domesticus*, and other species.