

Medical Sciences. In the article "Cloning and expression of a human P_{2U} nucleotide receptor, a target for cystic fibrosis pharmacotherapy" by C. Edward Parr, Daniel M. Sullivan, Anthony M. Paradiso, Eduardo R. Lazarowski, Lauranell H. Burch, John C. Olsen, Laurie Erb, Gary A. Weisman, Richard C. Boucher, and John T. Turner, which appeared in number 8, April 12, 1994, of *Proc. Natl. Acad. Sci. USA* (91, 3275–3279), the authors request that the following corrections to the sequence (Fig. 1, p. 3276; GenBank accession no. U07225) be noted. Resequencing of several regions of the cDNA clone, performed because of discrepancies between the human and mouse P_{2U} nucleotide receptor amino acid sequence alignments at five positions, has revealed errors in the reported sequence. The complete corrected sequence figure and its legend are reproduced below. Also note that the GenBank accession number was given incorrectly in the original article.

```

60  CGCCACGAGCCACCCCGAGAGGAGAGCCGACGGCAGTGGCCGAGAGGACCCCTGTGTGC
120  AGCAGCACTACCTGCCAGAAAATGCTGGAGGCTGGGCGTGGCCGACGGCTGGGACCC
180  TGTATTTCCTGTTCCTCCGAGAGTTCCTCCAGCCGCTCCAGGTCACAGGCTGTGTGCAIT
240  CATGAGTTCAGGAAACCGCTGAGGGGCTGAGCAITCTGACCTGGAGAGCAGGGGCTGTGCA
300  GGGCGATGGCAGCAGGACCTGGGCGCTGGAAATGACCAATCAATGGCACTGGGATGGGG
1  M A A D L G P W N D T I N G T W D G

360  ATGAGCTGGGCTACAGGTCGGCTTCAACGAGGACTTCAAGTACGTGCTGCTGCTGTGT
19  D E L G Y R C R F N E D F K Y V L L L P V

420  CCTAGGGGCTGTGTGTGCTTGGGCTGTGTGTCAGCCGGTGGGCTCTACATCTTCT
39  S Y G V V C V L G L C L N A V A L Y I F

480  TGTGGGCTCAAGACCTGGAATGGTCCACCAATATATGTTCACCTGGCTGTGTGTG
59  L C R L K T W N A S T T Y M F H L A V S

540  ATGCACTGTATGGGCTCCCTGGGCTGTGTGTCTATTTACTAGCCCGCCGGGACACT
79  D A L Y A A S L P L L V Y Y Y A R G D H

600  GGCCCTTACGACGGTGTCTGCAAGCTGGTGGCTTCTCTCTACACCAACCTTTACT
99  W P F S T V L C K L V R F L F Y T N L Y

660  GCAGCACTCTTCTTCACTGCAATCAGGTCGACCGGCTCTGGGCTCTTACGACCTC
119  C S I L F L T C I S V H R C L G V L R P

720  TGGCTCCCTGGGCTGGGCGGGCGGCTAGGCTGGCGGGTGGCGGGCGGCTGTGGG
139  L R S L R W G R A R Y A R R V A G A V W

780  TGTGTGCTGGGCTGGGCGGGCGGCTAGGCTGGCGGGTGGCGGGCGGCTGTGGG
159  V L V L A C Q A P V L Y F V T T S A R G

840  GCGGCTTACCTGCAAGCAGCACTGGGCAACGAGCTCTTACGCGGCTTGTGGCTTACA
179  G R V T C H D T S A P E L F S R F V A Y

900  GCTCAGTCACTGGGCTGGGCGGGCGGCTAGGCTGGCGGGTGGCGGGCGGCTGTGGG
199  S S V M L G L L F A V P F A V I L V C Y

960  TGTCTATGGCTGGGCACTGCTAAGCCAGGCTTGGGCACTGGGCGGCTCCCTAGGG
219  V L M A R R L L K P A Y G T S G G L P R

1020  CCAAGCGAAGTGGGCGGCACTGGGCGGGCGGCTAGGCTGGCGGGTGGCGGGCGGCT
239  A K R K S V R T I A V V L A V F A L C F

1080  TGGCACTCAGCTCAGCGCACTCTACTACTCTTCCGCTGGGCTGGGCACTGGGCTGCC
259  L P F H V T R T L Y Y S F R S L D L S C

1140  ACACCTCAAGCCATCAACATGGCTTACAGGTTACCGCGGCTGGGCACTGGCTTACA
279  H T L N A I N M A Y K V T R P L A S A N

1200  GTTGGCTTGGGCGGCTCTACTCTTCCGCTGGGCGAGGCTGGTGGCTTGGCGGAG
299  S C L D P V L Y F L A G O R L V R F A R

1260  ATGCCAAGCCACCTGGGCGGCGGCTGGGCACTGGGCGGCTGGGCGGCTGGGCTGGC
319  D A K P P T G P S P A T P A R R R L G L

1320  GCAGTCCGACAGACTGACATGCGAGGATGAGATGTGTGGGCACTGGGCACTGGGCACT
339  R R S D R T D M Q R I G D V L G S S E D

1380  TCAGGGGACAGATCCAGCGGCTGGTGGGCACTTACGACATTCGGCTGTGGG
359  S R R T E S T P A G S E N T K D I R L *

1440  AGCAGACACTTACGCTGTGAGGTTTATATGGGAGCTGTAGGACCCAGGACTTGT
1500  GCAGAGCCACAGTCTCCAGATGAGGCACTAGTACTCTGCTGGATGACCCCAITG
1560  CTCCGCTATTTGACAGGGGCTCAGGATATCTACTCTGTGGTCCAGAGTCAACTGTTCOA
1620  TPAACCTTGTATGTTGTGTGTATAGTGTGGGGATTTAGGTTTCAAGAAAGGCAAG
1680  AGCTCAGGTCATGTCAGCCCTGGCTGACTCCCAATGCAATGCTGGCTGTACTGTGCA
1740  AGTTCAGGTTGGAGTCCAGCTTCAATCAAGTCAATGCAAGTCAAGGCGCAGAGGCA
1800  AGTTCAGGTTGGAGTCCAGCTTCAATCAAGTCAATGCAAGTCAAGGCGCAGAGGCA
1860  AGTTCAGGTTGGAGTCCAGCTTCAATCAAGTCAATGCAAGTCAAGGCGCAGAGGCA
1920  GATTCAGGTTGGAGTCCAGCTTCAATCAAGTCAATGCAAGTCAAGGCGCAGAGGCA
1980  AACATTCGGGCACTTATATGAGCCCACTGGGCGGCTCCCAITGGGCTGGGCACTGT
2025  GAGGCTGTACTTACTTAAAGGTTGTGTGGCTGTAAAAA
    
```

FIG. 1. Human P_{2U} receptor (HP2U) nucleotide and deduced amino acid sequence. The putative transmembrane domains are underlined.