Correction. In the article "Isolation and structural characterization of a cDNA clone encoding rat gastric intrinsic factor," by B. K. Dieckgraefe, B. Seetharam, L. Banaszak, J. F. Leykam, and D. H. Alpers, which appeared in number 1, January 1988, of *Proc. Natl. Acad. Sci. USA* (**85**, 46–50), the shading for the hydrophobic segments in Fig. 5 did not reproduce in the photoprocessing of the figure. The residues that should have been shaded include: for IFAM, residues 25–26, 44–50, and 90–96; for SMDH, residues 16–20, 23–24, 26–28, 30–31, 44–51, 70–73, and 90–95. The correct figure and its legend are shown below.

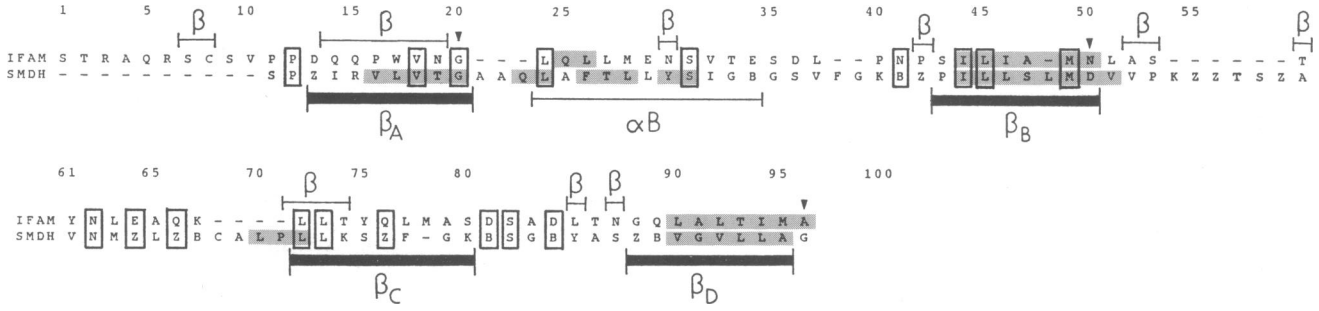

FIG. 5. Alignment of the nucleotide binding domain of cytoplasmic malate dehydrogenase (SMDH) with the first 80 amino acids (identified by the single-letter code) of IF (IFAM) following the signal peptide. Identical conserved amino acids that are present in both proteins are indicated by open boxes. Position of β-strands A–D and the α-helix labeled B in SMDH (27) and in IF [predicted by Chou and Fasman (20)] are shown below and above the sequence comparisons, respectively. Positions of hydrophobic segments for both proteins, calculated by the method of Kyte and Doolittle (21), are indicated by shading. Positions of the conserved residues discussed in the text are indicated by arrowheads.

Correction. In the article "Molecular cloning and amino acid sequence of 5-lipoxygenase" by Takashi Matsumoto, Colin D. Funk, Olof Rådmark, Jan-Olov Höög, Hans Jörnvall, and Bengt Samuelsson, which appeared in number 1, January 1988, of *Proc. Natl. Acad. Sci. USA* (**85**, 26–30), the authors request that the following corrections be noted. Recent nucleotide sequence and restriction site analyses have established that a cytosine residue was omitted at position 1744 of the 5-lipoxygenase cDNA sequence in Fig. 2 and that the cytosine residue at position 1606 should be deleted. The amended nucleotide sequence and the altered prediction of translation of 5-lipoxygenase are given below. Corresponding changes in Table 1 should be noted. The calculated molecular weight for 5-lipoxygenase is therefore 77,856. Additionally, a cytosine residue should be inserted between nucleotides 2094 and 2095 in the 3′ noncoding region. The corrections do not otherwise affect the conclusions of the paper.

```
                                    Pvu II
                                      |
CGG GAG CAG CTG TCG GAG TAC CTG   1620
Arg Glu Gln Leu Ser Glu Tyr Leu    539

ACC GTG GTG ATC TTC ACC GCC TCC GCC CAG CAC GCC GCG GTC AAC TTC GGC CAG TAC GAC TGG TGC TCC TGG ATC CCC AAT GCG CCC CCA   1710
Thr Val Val Ile Phe Thr Ala Ser Ala Gln His Ala Ala Val Asn Phe Gly Gln Tyr Asp Trp Cys Ser Trp Ile Pro Asn Ala Pro Pro    569

ACC ATG CGA GCC CCG CCA CCG ACT GCC AAG GGC GTG GTG ACC
Thr Met Arg Ala Pro Pro Pro Thr Ala Lys Gly Val Val Thr
```