

Biochemistry. In the article "A molecular mechanism for pyrimidine and purine nucleotide control of aspartate transcarbamoylase" by Raymond C. Stevens and William N. Lipscomb, which appeared in number 12, June 15, 1992, of *Proc. Natl. Acad. Sci. USA* (89, 5281–5285), the following corrections should be noted. On p. 5282 in line 12 of *Results and Discussion*, rLys-56 interacts indirectly with the ribose group through an intervening rAsp-19 as indicated in figure 5 of ref. 12. On p. 5283, the reference number in the footnote should be changed from 17 to 16. In the left column of p. 5284, the three sentences in lines 18–25, which read "A few of the side chains forming the crevice between the two regulatory chains of the asymmetric unit are oriented differently in the ATP-ligated form of the enzyme relative to the CTP-ligated form. In the CTP-ligated structure, R1 Arg-55 moves toward the space vacated by R6 Asp-39, thereby placing itself between R1 Asn-47 and R6 Asp-39. In the ATP-ligated form of ATCase, R1 Arg-55 moves 4.7 Å away from R6 Asp-39," should have acknowledged Richard P. Kosman. The same acknowledgment should have been made on p. 5284, lines 7–10 of the left column, concerning the role of the R1 · · R6 interface in negative cooperativity and possibly in heterotropic regulation (also see ref. 12). Finally, on p. 5282, lines 14–25 of the left column, the procedures under "Amino Acid Conformation Comparison" were carried out by Richard P. Kosman. A complete documentation will appear elsewhere (34).

12. Gouaux, J. E., Stevens, R. C. & Lipscomb, W. N. (1990) *Biochemistry* 29, 7702–7715.
16. Stevens, R. C. & Lipscomb, W. N. (1990) *Biochem. Biophys. Res. Commun.* 171, 1312–1318.
17. Changeux, J. P. & Rubin, M. M. (1968) *Biochemistry* 7, 553–560.
34. Kosman, R. P., Gouaux, J. E. & Lipscomb, W. N. (1993) *Proteins Struct. Funct. Genet.*, in press.

Biochemistry. In the article "Detection of mutant Ha-ras genes in chemically initiated mouse skin epidermis before the development of benign tumors" by Mark A. Nelson, Bernard W. Futscher, Todd Kinsella, Julie Wymer, and G. Tim Bowden, which appeared in number 14, July 1992, of *Proc. Natl. Acad. Sci. USA* (89, 6398–6402), the following correction should be noted. There is an error in the reported sensitivity of the mutation-specific PCR assay (MSPA), as demonstrated in Fig. 3. The true sensitivity of the assay, as determined in a new series of titration experiments, is the detection of one mutant Ha-ras allele in the presence of 10⁴ wild-type alleles. This correction in sensitivity of the MSPA does not change our conclusion that it is possible to detect mutant Ha-ras genes in chemically initiated mouse skin epidermis before the appearance of benign papillomas.