

ing "C" in the published report is underlined. (ii) A second error occurred in the description of the position of the primers used for amplification of envelope sequences. The text should have read, "These primers would be expected to amplify the region between nucleotides 5662 to 6129 instead of 5684 to 6151." This confusion in numbering arose because the Los Alamos computer database on human retroviruses used a different numbering system, which we inadvertently used in describing the position of the primers and probes. (iii) In describing the reaction conditions, we inadvertently described the enzyme assay conditions provided by the manufacturer instead of the reaction conditions used for amplifications. The following restatement of reference 16 is correct.

16. The primers were derived from the *gag* and *env* regions of HTLV-I. The two *gag* primers were 5'-CGACCGCCCCGGGGCTGGCCGCT-3' and 5'-GGTACTGCAGGAGGTCTTGGAGG-3'. These primers would be expected to amplify the region between nucleotides 842 and 1375 of the sequence described by Seiki *et al.* [M. Seiki, V. Hattori, M. Yoshida, *Proc. Natl. Acad. Sci. U.S.A.* **80**, 3618 (1983)]. This region corresponds to the region between nucleotides 863 and 1397 of the same sequence reported in the Los Alamos computer data

base for human retroviruses (accession numbers J02029, K02722, J02028, J02030, J02031, and J02032). The oligonucleotide probe was 5'-GATCCCGTCCCGTCCCGCGCA-3', which spans the region between nucleotides 1080 and 1101 of the published HTLV-I sequence (corresponding to 1102 and 1123 of the data base). The two *env* primers were 5'-CTCCCTTCTAGTCGACGCTC-CAGG-3' and 5'-GCCACCGGTACCGCTCGGC-GGGAG-3'. These primers would be expected to amplify the region between nucleotides 5662 and 6129 of Seiki *et al.* (corresponding to nucleotides 5684 and 6151 of the database). The oligonucleotide probe was 5'-GCCTCTCCACTTGGCACGT-CC-3', from nucleotides 5877 and 5897 (corresponding to nucleotides 5899 to 5919 of the data base). In some instances a nick-translated probe derived from the HTLV-I proviral genome that spanned the amplified region was used instead of the oligonucleotide probe. Amplification of the DNA was performed with the Geneamp kit provided by Perkin-Elmer Cetus Corp. (Norwalk, CT). The reactions were carried out with 2 µg of DNA and 1.0 µmol of the primers under conditions modified from those specified by the manufacturer. The reaction mixtures contained 10 mM tris-HCl, pH 8.3; 50 mM KCl, 1.5 mM MgCl<sub>2</sub>, 0.01% gelatin, 200 µM each of dATP, dGTP, TTP, and dCTP in a final volume of 100 µl. 2.5 units of *Taq* polymerase were used for each assay. Typically, for each cycle of amplification, the mixture was denatured at 94°C for 2 min, annealed at 55°C for 1 min, and then extended at 70°C for 2 min. From 36 to 40 cycles of amplification were performed and fresh enzyme (2 to 5 units) was added to each tube at the end of every tenth cycle."

In the text of the same paper, the fourth sentence of the fourth paragraph should

have read, "These were 23–24 bases long and rich in G–C content to allow stable hybridization."

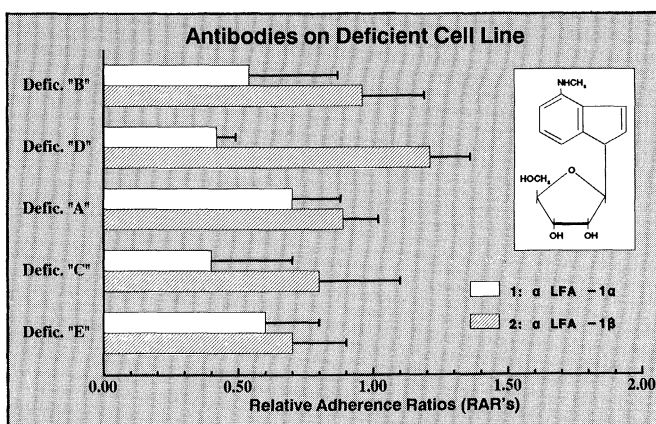
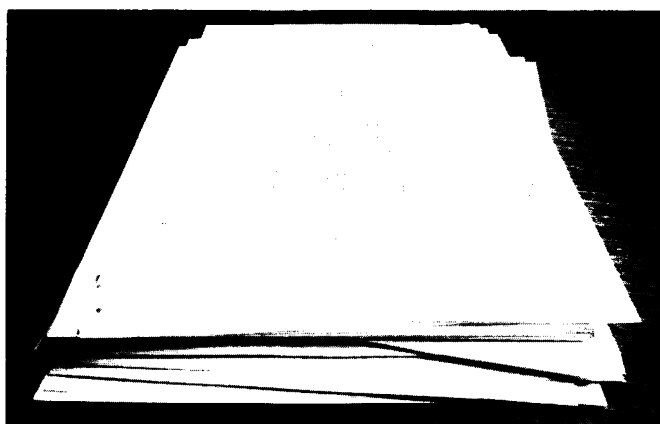
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**Erratum:** In the News & Comment "Ethics and science" feature "Science advisers need advice" by Eliot Marshall (7 July, p. 20), Dinoseb is described as "a fungicide made by Uniroyal." Dinoseb is registered as both a fungicide and a herbicide. It was primarily used as a herbicide. It was manufactured by Uniroyal and by several other companies, but Uniroyal was not involved in the litigation mentioned in the article.

**Erratum:** In Mark Crawford's News & Comment article "Lab report puts SSC magnets in limbo" (25 Aug., p. 809), it was said that the Bush Administration could request \$900 million in funding in for the Superconducting Super Collider for fiscal year 1991. That number is wrong. The correct estimate for project funding is \$593 million.

**Erratum:** The photograph accompanying the News & Comment article "Jet Propulsion Lab looks to life after Voyager" by M. Mitchell Waldrop (8 Sept., p. 1037) was generated on a VAX with a photoclinoimetry program developed by Randy Kirk of the U.S. Geological Survey in Flagstaff, Arizona. The Jet Propulsion Laboratory's hypercube computer was not used to generate the panorama shown, as stated in the caption.

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