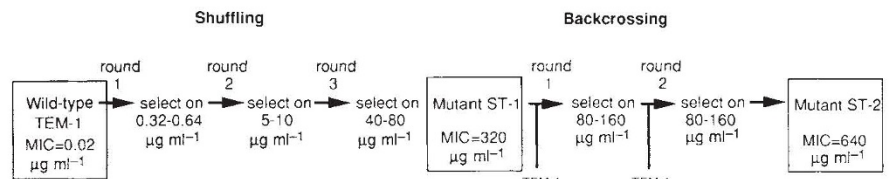


FIG. 2 Three successive rounds of DNA shuffling were done and the cells were grown on increasing cefotaxime levels. The MIC of cefotaxime (Sigma) for *E. coli* XL1-blue (Stratagene, San Diego) carrying wild-type p182Sfi is  $0.02 \mu\text{g ml}^{-1}$ . A mutant with a 16,000-fold increased resistance to cefotaxime was obtained ( $\text{MIC} = 320 \mu\text{g ml}^{-1}$ ). This mutant was backcrossed twice, by shuffling with a 40-fold excess of wild-type DNA. The backcrossed mutant was 32,000-fold more resistant than the wild type ( $\text{MIC} = 640 \mu\text{g ml}^{-1}$ ). After selection, the plasmid of selected clones was transferred back into wild-type XL-1 blue cells to ensure that none of the measured drug resistance



was due to chromosomal mutations. DNA sequencing showed that both mutants had 9 single-base-pair mutations.

- Arkin, A. & Youvan, D. C. *Proc. natn. Acad. Sci. U.S.A.* **89**, 7811–7815 (1992).
- Delagrave, S. & Youvan, D. C. *Biotechnology* **11**, 1548–1552 (1993).
- Palzkill, T. & Botstein, D. *J. Bact.* **174**, 5237–5243 (1992).
- Oliphant, A. R., Nussbaum, A. L. & Struhl, K. *Gene* **44**, 177–183 (1986).
- Hermes, J. D., Blacklow, S. C. & Knowles, J. R. *Proc. natn. Acad. Sci. U.S.A.* **87**, 696–700 (1990).
- Leung, D. W., Chen, E. & Goeddel, D. V. *Technique* **1**, 11–15 (1989).
- Caldwell, R. C. & Joyce, G. F. *PCR Meth. Applic.* **2**, 28–33 (1992).
- Kauffman, S. A. *The Origins of Order* (Oxford Univ. Press, New York, 1993).
- Kauffman, S. A. *J. theor. Biol.* **157**, 1–7 (1992).
- Bartel, D. P. & Szostak, J. W. *Science* **261**, 1411–1418 (1993).

- Tuerk, C. & Gold, L. *Science* **249**, 505–510 (1990).
- Joyce, G. F. *Scient. Am.* **267**, 90–97 (1992).
- Jacoby, G. A. & Medeiros, A. A. *Antimicrob. Ag. Chemother.* **35**, 1697–1704 (1991).
- Collatz, E., Labia, R. & Gutmann, L. *Molec. Microbiol.* **4**, 1615–1620 (1990).
- Philippon, A., Labia, R. & Jacoby, G. *Antimicrob. Ag. Chemother.* **33**, 1131–1136 (1989).
- McCafferty, J., Griffiths, A. D., Winter, G. & Chiswell, D. J. *Nature* **348**, 552–554 (1990).
- Huse, W. D., Sastry, L., Iverson, S. A. & Kang, A. S. *Science* **246**, 1275–1278 (1989).
- Watson, N. *Gene* **70**, 399–403 (1988).
- Ambler, R. P. et al. *Biochem. J.* **276**, 269–272 (1991).

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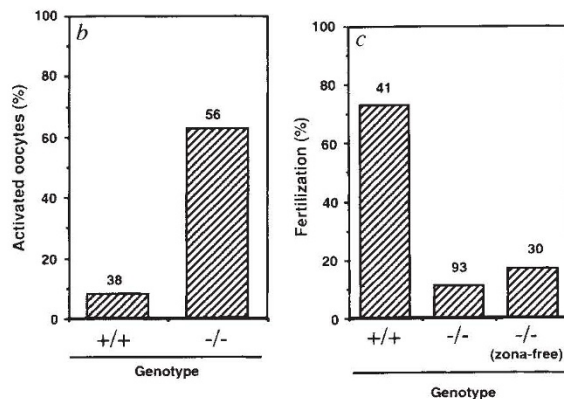
## ERRATA

## Parthenogenetic activation of oocytes in *c-mos*-deficient mice

Naohiro Hashimoto, Nobumoto Watanabe, Yasuhide Furuta, Hiroyuki Tamemoto, Noriyuki Sagata, Minesuke Yokoyama, Kenji Okazaki, Mariko Nagayoshi, Naoki Takeda, Yoji Ikawa & Shinichi Aizawa

*Nature* **370**, 68–71 (1994)

FIGURE 3*b* and *c* of this Letter was an early version that should not have been published. The correct version of this figure is shown here. □



## Degradation of trifluoroacetate in oxic and anoxic sediments

Pieter T. Visscher, Charles W. Culbertson & Ronald S. Oremland

*Nature* **369**, 729–731 (1994)

In the last sentence of the opening paragraph of this Letter, an error was introduced during editing in which fluoroform was referred to as a “potential ozone-depleting compound.” In fact, fluoroform as well as other HFCs were recently shown by Ravishankara *et al.*<sup>1</sup> to have “negligibly small” ozone depletion potentials. □

- Ravishankara, A. R. et al. *Science* **263**, 71–75 (1994).

## Miller-Dieker lissencephaly gene encodes a subunit of brain platelet-activating factor acetylhydrolase

Mitsuharu Hattori, Hideki Adachi, Masafumi Tsujimoto, Hiroyuki Arai & Keizo Inoue

*Nature* **370**, 216–218 (1994)

THE word ‘acetylhydrolase’ was accidentally omitted from the end of the title of this paper. The correct title should read “Miller-Dieker lissencephaly gene encodes a subunit of brain platelet-activating factor acetylhydrolase”. □