

Corrections

CELL BIOLOGY. For the article “The NF1 tumor suppressor critically regulates TSC2 and mTOR,” by Cory M. Johannessen, Elizabeth E. Reczek, Marianne F. James, Hilde Brems, Eric Legius, and Karen Cichowski, which appeared in issue 24, June 14, 2005, of *Proc. Natl. Acad. Sci. USA* (**102**, 8573–8578; first published June 3, 2005; 10.1073/pnas.0503224102), the authors note the following. On page 8574, the last sentence of the first paragraph in the left column, “Clarified lysates were normalized for protein levels and analyzed by Western blotting with the following antibodies: phospho-p70S6K (T-389), phospho-tuberin (S-939), phospho-tuberin (T-1462), phospho-Akt (S-473), tuberin (C-20) from Santa Cruz Biotechnology, and protein kinase B α /AKT1, actin, and β -tubulin from Sigma-Aldrich,” should read: “Clarified lysates were normalized for protein levels and analyzed by Western blotting with the following antibodies: phospho-p70S6K (T-389), phospho-tuberin (S-939), phospho-tuberin (T-1462), phospho-Akt (S-473) from Cell Signaling Technologies, tuberin (C-20) from Santa Cruz Biotechnology, and protein kinase B α /AKT1, actin, and β -tubulin from Sigma-Aldrich.” On page 8574, the second sentence of the second paragraph in the left column, “For lentiviral production, HEK293T cells were transfected with the Δ 8.2 lentiviral construct (encoding *gag*, *pol*, *rev*), VSVG, and either empty pKO vector or the pKO vector containing the following sequence transcribing short-hairpin RNAs specific to NF1: 5'-TTATAAATAGCCTGGAAAAGG-3',” should read: “For lentiviral production, HEK293T cells were transfected with the Δ 8.2 lentiviral construct (encoding *gag*, *pol*, *rev*), VSVG, and either empty pLKO.1puro vector or the pLKO.1puro vector containing the following sequence transcribing short-hairpin RNAs specific to NF1: 5'-TTATAAATAGCCTGGAAAAGG-3'.” In addition, the authors would like to add the following statement to the Acknowledgments: “We would also like to thank Dr. William C. Hahn (Harvard Medical School and Dana–Farber Cancer Institute, Boston) and the Broad Institute (Cambridge, MA) for the pLKO.1 lentiviral constructs.”

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BIOCHEMISTRY. For the article “Engineered single-chain dimeric streptavidins with an unexpected strong preference for biotin-4-fluorescein,” by Filiz M. Aslan, Yong Yu, Scott C. Mohr, and Charles R. Cantor, which appeared in issue 24, June 14, 2005, of *Proc. Natl. Acad. Sci. USA* (**102**, 8507–8512; first published June 6, 2005; 10.1073/pnas.0503112102), the footnotes appeared in the wrong order, due to a printer's error. The ** footnote on page 8507 should have read: “Throughout this paper, we use the terms monomer(ic), dimer(ic), and tetramer(ic) to refer to the number of biotin-binding domains present in a molecule, regardless of the number of polypeptide chains it has.” In addition, the †† footnote on page 8512 should have read: “We note, however, that extremely high-affinity mutants might not be recovered in this procedure due to near-irreversible binding of biotin from the culture medium.”

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PERSPECTIVE. For the article “Eusociality: Origin and consequences,” by Edward O. Wilson and Bert Hölldobler, which appeared in issue 38, September 20, 2005, of *Proc. Natl. Acad. Sci. USA* (**102**, 13367–13371; first published September 12, 2005; 10.1073/pnas.0505858102), the authors note that Donat Agosti was omitted from the list of editors in ref. 48. The corrected reference appears below.

48. Ward, P. S. (2000) in *Ants: Standard Methods for Measuring and Monitoring Biodiversity*, eds. Agosti, D., Majer, J. D., Alonso, L. & Schultz, T. R. (Smithsonian Institution Press, Washington, DC), pp. 99–121.

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ANTHROPOLOGY. For the article “Descent of the larynx in chimpanzee infants,” by Takeshi Nishimura, Akichika Mikami, Juri Suzuki, and Tetsuro Matsuzawa, which appeared in issue 12, June 10, 2003, of *Proc. Natl. Acad. Sci. USA* (**100**, 6930–6933; first published May 29, 2003; 10.1073/pnas.1231107100), the authors note that the symbols for Cleo and Pal were switched in the legend for Fig. 2. The figure and its corrected legend appear below. These errors do not alter the conclusions of the article.

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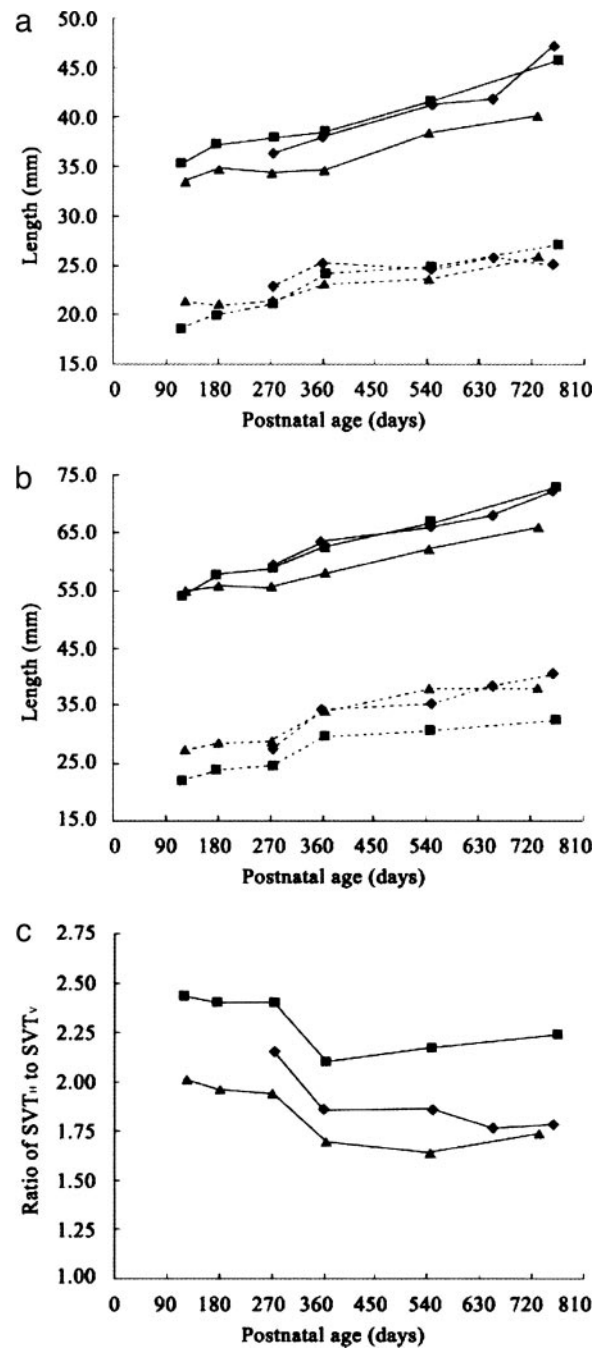


Fig. 2. SVT growth in the three chimpanzee infants: Ayumu (male, \blacklozenge), Cleo (female, \blacksquare), and Pal (female, \blacktriangle). (a) Growth of the oral (solid line) and oropharyngeal (dotted line) components of the SVT_H . (b) Growth of the SVT_H (solid line) and SVT_V (dotted line). (c) Age-related changes in the ratio of SVT_H to SVT_V lengths.