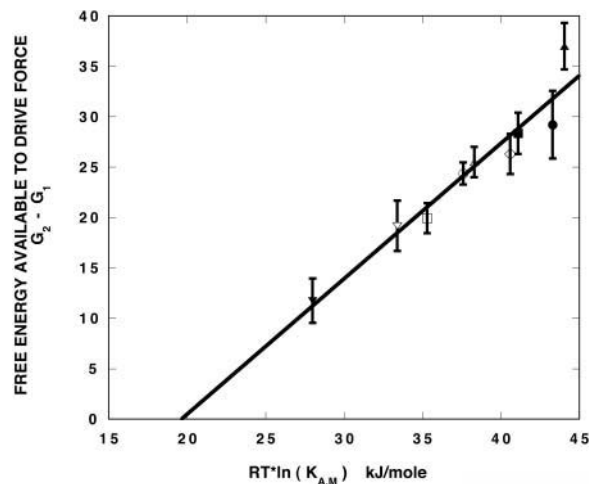*Corrections*

Karatzaferi, Christina, Marc K. Chinn, and Roger Cooke. 2004. The force exerted by a muscle cross-bridge depends directly on the strength of the actomyosin bond. *Biophys. J.* 87:2532–2544.

Fig. 5 printed incorrectly. The correct figure is below.

Nikolov, Emil N., and Tatyana Ivanova-Nikolova. 2004. Functional characterization of a small conductance GIRK channel in rat atrial cells. *Biophys. J.* 87:3122–3136.

The doi was incorrect in the printed version. (It was correct in the BioFAST version.) The correct doi is 10.1529/biophysj.103.039487.

Dickinson, R. B., L. Caro, and D. L. Purich. 2004. Force generation by cytoskeletal filament end-tracking proteins. *Biophys. J.* 87:2838–2854.

A number of items in this article were printed incorrectly. Corrections appear as follows:

Fig. 1 legend: $\Delta G_{\mathrm{hydrolysis}} \sim -22\ kT$.

Table 1: Units of K_p should be in mM. $[M_D]_{(-)\text{-crit}}$ should be defined as "M_D addition to minus ends" for both actin and tubulin.

Table 2: For mechanism-B, the equilibrium dissociation constants should be primed, appearing as $K'_1\ K'_2/K'_3$.

Page 2481, left-hand column: Units of $\Delta G^{\mathrm{o}}_{\mathrm{hydrolysis}}$ should be "pN-nm".

Page 2849: Units of persistent length should be "μm".

Equation in Fig. 4 legend should read: $K'_2 = K'_{2,0} e^{\mathrm{Fd/2kT}}$.

Word reversal, page 2843, right-hand column: For Mechanism-A, the symbol ρ should be defined as the probability of the end-tracking unit being bound to the *penultimate* subunit, is and $(1 - \rho)$ the probability of it being bound to the *terminal* subunit. ρ should be correspondingly defined as such for Mechanism-A in Table 3.