

RESEARCH ERRATA

On page 1075 of the October 2000 issue, the Figure 5 caption of “Use of G-protein fusions to monitor integral membrane protein–protein interactions in yeast” by Kathleen N. Ehrhard, Jörg J. Jacoby, Xin-Yuan Fu, Reinhard Jahn, and Henrik G. Dohlman was not printed correctly. The entire caption and figure is reprinted below.

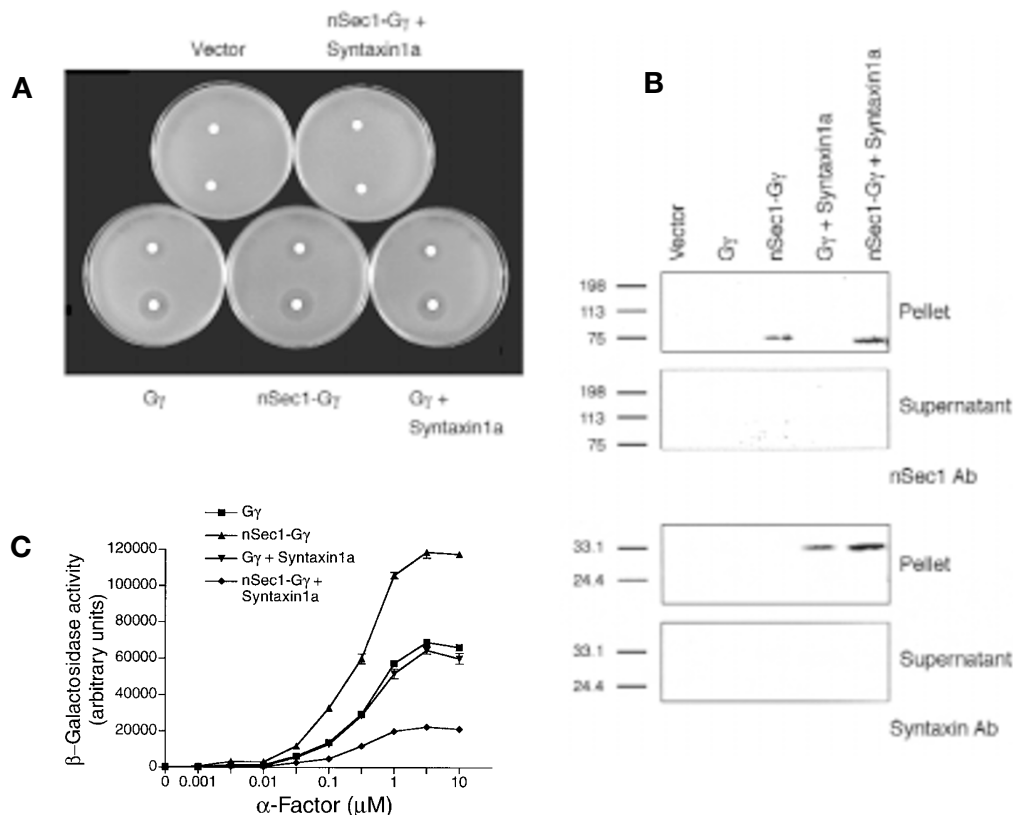


Figure 2. Detection of syntaxin 1a binding to nSec1. (A) Halo assay. G γ -deficient cells (*ste18 Δ* mutant) were transformed with vectors containing no insert (“vector”), G γ , nSec1-G γ fusion, syntaxin 1a, or syntaxin 4 (not shown) as a negative control. Cells were plated and exposed to filter disks containing 20 or 48 μ g α -factor pheromone for 48 h, and then photographed. (B) Immunoblot. To confirm expression of nSec1 and syntaxin, cells were lysed, centrifuged to resolve membrane (“pellet”) and cytosolic (“supernatant”) fractions, and resolved by gel electrophoresis. Immunoblots were probed with antibodies to nSec1 (top panels) or syntaxin (bottom panels). Mobility of molecular weight standards is indicated. (C) Reporter transcription assay. Cells were treated with the indicated concentrations of α -factor, and β -galactosidase activity was determined using a pheromone-responsive *FUS1* promoter–lacZ reporter construct. Data shown are typical of two to five independent experiments performed in triplicate. Error bars, \pm s.e.

On page 1096 of the October 2000 issue, the figure legend of Figure 2 of “Mutation detection by electrocatalysis at DNA-modified electrodes by Elizabeth M. Boon, Donato M. Ceres, Thomas G. Drummond, Michael G. Hill, and Jacqueline K. Barton” was cut off. The entire caption and figure is reprinted below.

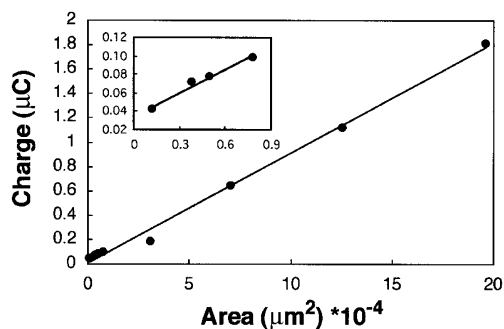


Figure 5. Plot of total amount of charge accumulated after 5 s of chronocoulometry at -350 mV of 2.0 mM $[\text{Fe}(\text{CN})_6]^{3-}$ plus 0.5 μ M MB^+ (pH 7) at gold electrodes ranging in diameter from 30 μ m to 500 μ m modified with the thiol-terminated sequence SH-5'-AGTACAGTCATCGCG hybridized to a fully base-paired complement. Charge accumulated is proportional to electrode size. The linearity in response is evident in the inset down to an electrode of 30 μ m in diameter.

RESEARCH CORRIGENDUM

In the November research article, “A T-cell-selective interleukin 2 mutein exhibits potent antitumor activity and is well tolerated in vivo,” by A.B. Shanafelt et al., the black and the white circle labels were reversed in the first sentence of the legends for Figures 2 through 6. In each case, BAY 50-4798 is represented by black circles. White circles in Figure 2 represent wild-type human IL-2; white circles in Figures 3–6 represent Proleukin. In Figures 3–5, the inverted black triangles correctly represent vehicle.