Corrections

Switches, Catapults, and Chaperones: Steady-State Kinetic Analysis of Hsp70−Substrate Interactions, by Liudmila S. Chesnokova and Stephan N. Witt,* Volume 44, Number 33, August 23, 2005, pages 11224−11233.

Page 11228. Two headings were transposed in Table 1. The correct version of Table 1 appears below.

Table 1: Rate Constants for the Various Mechanisms

Saturating Peptide			
branched (Figure 1A)		catapult (Figure 1C)	
$k_1 = 1.25 \times 10^5$ M^{-1} s^{-1}	refs *9, 27*	$k_1 = 1.25 \times 10^5$ M^{-1} s^{-1}	
$k_{-1} = 6.0$ s^{-1}	calculated	$k_{-1} = 793$ s^{-1}	
$k_{hy}^{+P} = 0.050$ s^{-1}	calculated	$k_{hy}^{+P} = 0.0506$ s^{-1}	
$k_{ADP}^{off} = 0.022$ s^{-1}	ref *27*	$k_{ADP}^{off} = 0.022$ s^{-1}	
	catapult step, ref *26*	$k_{off*} = 6.7$ s^{-1}	
$k_{off} = 5.7$ s^{-1}	ref *26*	$k_{off} = 6.0$ s^{-1}	
$k_{on} = 1.1 \times 10^6$ M^{-1} s^{-1}	ref *26*	$k_{on} = 1.1 \times 10^6$ M^{-1} s^{-1}	
No Peptide			
branched (Figure 1B)		sequential (Figure 1D)	
$k_1 = 1.25 \times 10^5$ M^{-1} s^{-1}	refs *9, 27*	$k_1 = 1.25 \times 10^5$ M^{-1} s^{-1}	
$k_{-1} = 6.0$ s^{-1}	calculated	$k_{-1} = 793$ s^{-1}	
$k_2 = 19$ s^{-1}	ref *27*	$k_2 = 19$ s^{-1}	
$k_{-2} = 0.02$ s^{-1}	calculated	$k_{-2} = -3.6 \times 10^{-4}$ s^{-1}	
$k_{hy}^{-P} = 0.5$ s^{-1}	calculated	$k_{hy}^{-P} = 0.0005$ s^{-1}	
$k_{ADP}^{off} = 0.022$ s^{-1}	ref *27*	$k_{ADP}^{off} = 0.022$ s^{-1}	