Corrections

The Interaction between the T4 Helicase Loading Protein (gp59) and the DNA Polymerase (gp43): a Locking Mechanism to Delay Replication during Replisome Assembly, by Jun Xi, Zhihao Zhuang, Zhiquan Zhang, Tzvia Selzer, Michelle M. Spiering, Gordon G. Hammes, and Stephen J. Benkovic*, 2005, Vol. 44.

Page 2312: An incorrect version of Figure 5, panel B was published. The correct version of the figure appears below.

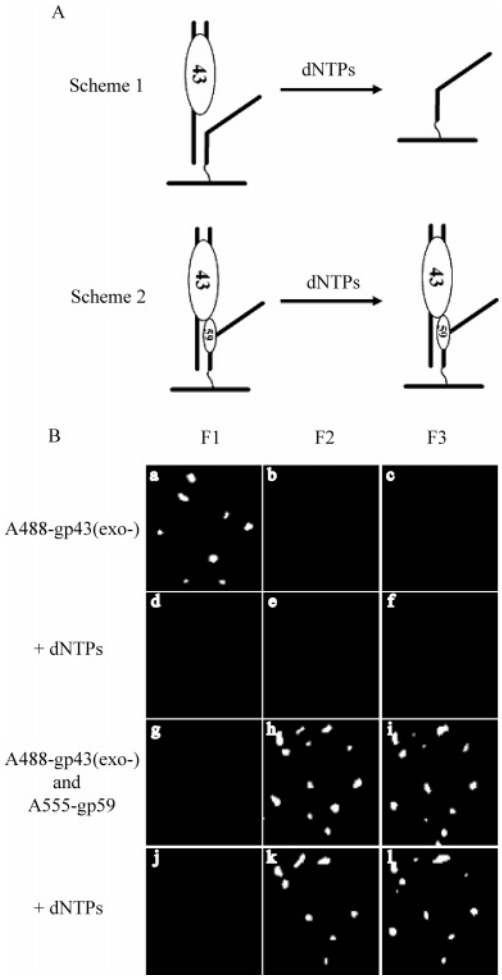

FIGURE 5: Inhibition of gp43 polymerase activity by gp59 as observed by single-molecule FRET. (A) Reaction schemes of the functional properties of the gp43−gp59 complex observed by single-molecule fluorescence microscopy. The reactant and the product in Scheme 1 are represented by a−c and d−f, respectively; the reactant and the product in Scheme 2 are represented by g−i and j−l, respectively. (B) Results of observed single-molecule FRET on a set of immobilized single-forked DNA molecules. The microscope filters were set to observe fluorescence from three different sources: F1, emission from donor A488 (excitation at 488 nm/emission at 510−540 nm); F2, emission from energy transfer between A488 and A555 (excitation at 488 nm/emission at 595−645 nm); and F3, emission from acceptor A555 (excitation at 514 nm/emission at 535−585 nm). dNTPs (100 M) were present during the measurements displayed in d−f and j−l.

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