

Lawrence Berkeley National Laboratory

Molecular Biophys & Integ Bi

Title

ATP-driven Rad50 conformations regulate DNA tethering, end resection, and ATM checkpoint signaling

Permalink

<https://escholarship.org/uc/item/1rs2b110>

Journal

The EMBO Journal, 35(7)

ISSN

0261-4189

Authors

Deshpande, Rajashree A
Williams, Gareth J
Limbo, Oliver
et al.

Publication Date

2016-04-01

DOI

10.15252/emj.201694047

Peer reviewed

ATP-driven Rad50 conformations regulate DNA tethering, end resection, and ATM checkpoint signaling

Rajashree A Deshpande, Gareth J Williams, Oliver Limbo, R Scott Williams, Jeff Kuhnlein, Ji-Hoon Lee, Scott Classen, Grant Guenther, Paul Russell, John A Tainer & Tanya T Paull

Correction to: *The EMBO Journal* (2014) 33: 482–500. DOI 10.1002/emboj.201386100 | Published online 3 February 2014

The methods currently state on p. 498 that 1,000 units *E. coli* DNA ligase (NAD dependent, Fig 5) or 10,000 units T4 DNA ligase (Fig 7) were used, but these values are the concentrations of the enzyme

preparations in units per ml, not the amounts that were used in the reactions. The actual units that were used in the 10 μ l reactions were 1 unit of *E. coli* DNA ligase and 40 units of T4 DNA ligase.