

**$\gamma$ H2AX, pNBS1, and  $\beta$ -catenin  
Multiplex Immunofluorescence Assay  
NCI Publications**

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[Evaluation of Pharmacodynamic Responses to Cancer Therapeutic Agents Using DNA Damage Markers](#)

Wilsker DF, Barrett AM, Dull AB, Lawrence SM, Hollingshead MG, Chen A, Kummar S, Parchment RE, Doroshow JH, Kinders RJ. 2019. Clinical Cancer Research. doi: 10.1158/1078-0432.CCR-18-2523. PMID: 30792217

[The National Cancer Institute ALMANAC: A Comprehensive Screening Resource for the Detection of Anticancer Drug Pairs with Enhanced Therapeutic Activity.](#)

Holbeck SL, Camalier R, Crowell JA, Govindharajulu JP, Hollingshead M, Anderson LW, Polley E, Rubinstein L, Srivastava A, Wilsker D, Collins JM, Doroshow JH. 2017. Cancer Research. 77(13). p. 3564-3576. PMID: 28446463