

VII. Irodalomjegyzék

- (1) Valerie Notenboom, Richard G. Hibbert, Sarah E. van Rossum-Fikkert, Jesper V. Olsen, Matthias Mann and Titia K. Sixma

Functional characterization of Rad18 domains for Rad6, ubiquitin, DNA binding and PCNA modification

Nucleic Acids Research, 2007, Vol.35, No.17 5819-5830

- (2) Helle D. Ulrich and Stefan Jentsch

Two RING finger proteins mediate cooperation between ubiquitin-conjugating enzymes in DNA repair

The EMBO Journal, 2000, Vol. 19 No. 13 pp. 3388-3397

- (3) Andersen PL, Xu F, Xiao W.

Eukaryotic DNA damage tolerance and translesion synthesis through covalent modifications of PCNA.

Cell Res. 2008 Jan;18(1):162-73.

- (4) Serge Boiteux, Marie Guillet

Abasic sites in DNA: repair and biological consequences in *Saccharomyces cerevisiae*
DNA repair 3 (2004) 1-12

- (5) Prakash L.

Characterization of postreplication repair in *Saccharomyces cerevisiae* and effects of rad6, rad18, rev3 and rad52 mutations.

Mol Gen Genet(1981) 184(3):471-8

- (6) V Bailly, J Lamb, P Sung, et al.

Specific complex formation between yeast RAD6 and RAD18 proteins: a potential mechanism for targeting RAD6 ubiquitin-conjugating activity to DNA damage sites.

Genes Dev. 1994 8: 811-820

- (7) Wei Xiao, Barbara L. Chow, Stacey Broomfield and Michelle Hanna

The *Saccharomyces cerevisiae* RAD6 group is composed of an error-prone and two error-free postreplication repair pathways

Genetics 2000 155: 1633-1641

- (8) Stacey Broomfield, Todd Hryciw, Wei Xiao

DNA postreplication repair and mutagenesis in *Saccharomyces cerevisiae*

Mutation Research 486 (2001) 167-184

- (9) Satya Prakash and Louise Prakash

Translesion DNA synthesis in eukaryotes: A one- or two-polymerase affair

Genes & development 2002 16: 1872-1883

- (10) Lauren S. Waters, Brenda K. Mineisinger, Mary Ellen Wiltrout, Sanja D'Souza, Rachel V. Woodruff and Graham C. Walker

Eukaryotic translesion polymerases and their roles and regulation in DNA damage tolerance

Microbiology nad molecular biology reviews 2009, 134-154

- (11) Cecilia Lundin, Matthew North, Klaus Erixon, Kevin Walters, Dag Jenssen, Alastair S. H. Goldman and Thomas Helleday

Methyl methanesulfonate (MMS) produces heat-labile DNA damage but no detectable in vivo DNA double-strand breaks

Nucleic Acid Rsearch 2005, Vol. 33, No. 12, 3799-39811

- (12) Stacey Broomfield, Barbara L. Chow and Wei Xiao

MMS2 encoding a ubiquitin-conjugating-enzyme-like protein, is a member of the yeast error-free postreplication repair pathway

Genetics 1998 Vol.95 5678-5683

- (13) Ahmet Koc, Linda J. Wheeler, Chrostopher K. Mathews and Gary F. Merrill

Hydoxyurea arrests DNA replication by a mechanism that preserves basal dNTP pools

The Journal of Biological Chemistry 2004, Vol. 279, No. 1, 223-230

- (14) Véronique Bailly, Satya Prakash, Louise Prakash

Domains Required for Dimerization of Yeast Rad6 Ubiquitin-Conjugating Enzyme and Rad18 DNA Binding Protein

Sealy Center for Molecular Science, University of Texas Medical Branch, Galveston, Texas 1997. May 12.

(15) Kimura Y, Tanaka K

"Regulatory mechanisms involved in the control of ubiquitin homeostasis".

J Biochem 2010. 147 (6): 793–8

(16) Ulrich HD

Protein-protein interactions within an E2-RING finger complex. Implications for ubiquitin-dependent DNA damage repair.

J Biol Chem. 2003 Feb 28;278(9):7051-8. Epub 2002 Dec 19.

(17) <http://www.thermoscientificbio.com/uploadedFiles/Resources/pUC18-pUC19-map.pdf>

(18) http://www.snapgene.com/resources/plasmid_files/yeast_plasmids/YCplac33/

(19) [Bartel P¹](#), [Chien CT](#), [Sternglanz R](#), [Fields S](#).

Elimination of false positives that arise in using the two-hybrid system.

[Biotechniques](#). 1993 Jun;14(6):920-4.

(20) Teruaki Iyama, David M. Wilson III

DNA repair mechanisms in dividing and non-dividing cells

DNA Repair 12 (2013) 620-636

(21) [Prakash S¹](#), [Johnson RE](#), [Washington MT](#), [Haracska L](#), [Kondratieck CM](#), [Prakash L](#)

Role of yeast and human DNA polymerase eta in error-free replication of damaged DNA.

Cold Spring Harb Symp Quant Biol. 2000; 65:51-9

(22) [James P¹](#), [Halladay J](#), [Craig EA](#)

Genomic libraries and a host strain designed for highly efficient two-hybrid selection in yeast.

[Genetics](#). 1996 Dec;144(4):1425-36

