

Rad51 Recombinase

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Recent Publications on Rad51 Recombinase:

- [A novel role of the chromokinesin Kif4A in DNA damage response.](#)
Chromokinesins are microtubule-motor molecules that possess chromatin... 1st October, 2008
Department of Biological Chemistry, School of Medicine, University of- Cell Cycle. 2008 Jul 1;7(13):2013-20. Epub 2008 Apr 16.
- [Genetic variations in DNA repair genes, radiosensitivity to cancer and susceptibility to acute tissue reactions in radiotherapy-treated cancer patients.](#)
Ionizing radiation is a well established carcinogen for human cells. At... 30th September, 2008
Department of Pathology, University of Pittsburgh, Pittsburgh, USA.- Acta Oncol. 2008;47(5):809-24. ([DOI Direct Link](#))
- [Srs2 removes deady recombination intermediates independently of its interaction with SUMO-modified PCNA.](#)
Saccharomyces cerevisiae Srs2 helicase plays at least two distinct... 17th September, 2008
CEA-DSV-Institut de Radiobiologie Cellulaire et Moleculaire, UMR217- Nucleic Acids Res. 2008 Sep;36(15):4964-74. Epub 2008 Jul 25. ([DOI Direct Link](#))
- [Improved gene correction efficiency with a tailed duplex DNA fragment.](#)
A 606-base single-stranded (ss) DNA fragment, prepared by restriction... 17th September, 2008
Faculty of Pharmaceutical Sciences, Hokkaido University, Kita-12, Nishi-6,- Biochemistry. 2008 Aug 19;47(33):8754-9. Epub 2008 Jul 22. ([DOI Direct Link](#))
- [\[Structural and biochemical aspects of homologous genetic \(DNA\) recombination\]](#)
A 606-base single-stranded (ss) DNA fragment, prepared by restriction... 13th September, 2008
Graduate School of Science and Engineering, Waseda University, 2-2- Seikagaku. 2008 Jun;80(6):511-20.
- [Loss of heterozygosity in the RAD51 and BRCA2 regions in breast cancer.](#)
BACKGROUND: Loss of heterozygosity (LOH) in the 15q14-21 and 13q12-13... 10th September, 2008
Department of Cytobiochemistry, University of Lodz, Banacha 12/16, 90-237- Cancer Detect Prev. 2008;32(2):144-8. Epub 2008 Jul 16. ([DOI Direct Link](#))
- [Fanconi anemia: causes and consequences of genetic instability.](#)
Fanconi anemia (FA) is a rare recessive disease that reflects the cellular... 30th August, 2008
- Genome Dyn. 2006;1:218-42. ([DOI Direct Link](#))
- [Alternative-NHEJ is a mechanistically distinct pathway of mammalian chromosome break repair.](#)
Characterizing the functional overlap and mutagenic potential of different... 30th August, 2008
Department of Radiation Biology, Beckman Research Institute of City of- PLoS Genet. 2008 Jun 27;4(6):e1000110. ([DOI Direct Link](#))

- [Chk1 and Chk2 are differentially involved in homologous recombination repair and cell cycle arrest in response to DNA double-strand breaks induced by camptothecins.](#)
*Camptothecins (CPT) activate S or G(2)-M arrest and the homologous...*23rd August, 2008
Division of Anti-tumor Pharmacology, State Key Laboratory of Drug- Mol Cancer Ther. 2008 Jun;7(6):1440-9. ([DOI Direct Link](#))
- [The ubiquitin ligase Nedd4-1 is dispensable for the regulation of PTEN stability and localization.](#)
*PTEN is a tumor suppressor frequently mutated in cancer. Recent reports...*20th August, 2008
Hospital for Sick Children and Biochemistry Department, University of- Proc Natl Acad Sci U S A. 2008 Jun 24;105(25):8585-90. Epub 2008 Jun 18. ([DOI Direct Link](#))
- [Coupling of mutated Met variants to DNA repair via Abl and Rad51.](#)
*Abnormal activation of DNA repair pathways by deregulated signaling of...*7th August, 2008
Clinic for Radiation Oncology, Department of Clinical Research, University- Cancer Res. 2008 Jul 15;68(14):5769-77. ([DOI Direct Link](#))
- [A syngeneic variance library for functional annotation of human variation: application to BRCA2.](#)
*The enormous scope of natural human genetic variation is now becoming...*6th August, 2008
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins University,- Cancer Res. 2008 Jul 1;68(13):5023-30. ([DOI Direct Link](#))
- [A Rad51 presynaptic filament is sufficient to capture nucleosomal homology during recombinational repair of a DNA double-strand break.](#)
*Repair of chromosomal DNA double-strand breaks by homologous recombination...*2nd August, 2008
Program in Molecular Medicine, Interdisciplinary Graduate Program,- Mol Cell. 2008 Jun 20;30(6):803-10. ([DOI Direct Link](#))
- [Role of Puralpha in the modulation of homologous recombination-directed DNA repair by HIV-1 Tat.](#)
*BACKGROUND: The nucleic acid-binding protein Puralpha is involved at...*26th July, 2008
Department of Neuroscience, Center for Neurovirology, Temple University- Anticancer Res. 2008 May-Jun;28(3A):1441-7.
- [MAD2 interacts with DNA repair proteins and negatively regulates DNA damage repair.](#)
*MAD2 (mitotic arrest deficient 2) is a key regulator of mitosis. Recently,...*26th July, 2008
Department of Anatomy, Cancer Biology Group, Faculty of Medicine, The- J Mol Biol. 2008 Aug 1;381(1):24-34. Epub 2008 Jun 5. ([DOI Direct Link](#))

BioNews Results for Rad51 Recombinase

- [Compositions for DNA mediated gene silencing](#)
PharmCast: Sep 27 2008 2:12AM Matching: recombinase

Rad51 Recombinase Patents:



- 7199281- [Method of generating a transgenic livestock animal](#)
- 6074853- [Sequence alterations using homologous recombination](#)
- 6200812- [Sequence alterations using homologous recombination](#)

- 6541684- [Nucleotide sequences encoding maize RAD51](#)
- 6720478- [RAD51-like polynucleotide and uses thereof](#)
- 6852910- [Plant recombination proteins](#)
- 6905857- [RAD51 polypeptides](#)
- 6977295- [Locked nucleic acid hybrids and methods of use](#)
- 7034117- [RAD51 polypeptides and uses thereof](#)
- 7122723- [Plant recombination proteins](#)
- 5948653- [Sequence alterations using homologous recombination](#)

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