

Zinc Fingers

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Recent Publications on Zinc Fingers:



- [It Takes Two to Tango: The Structure and Function of LIM, RING, PHD and MYND Domains.](#)
LIM (Lin-11, Isl-1, Mec-3), RING (Really interesting new gene), PHD (Plant...21st November, 2009
School of Molecular and Microbial Biosciences, University of Sydney,- *Curr Pharm Des.*
2009;15(31):3681-3696.
- [CTCF binding site classes exhibit distinct evolutionary, genomic, epigenomic and transcriptomic features.](#)
ABSTRACT: BACKGROUND: CTCF (CCCTC-binding factor) is an evolutionarily...20th November, 2009
- *Genome Biol.* 2009 Nov 18;10(11):R131. ([DOI Direct Link](#))
- [Positive selection of DNA-protein interactions in mammalian cells through phenotypic coupling with retrovirus production.](#)
Through the shuffling of predefined modular zinc finger domains with...18th November, 2009
The Skaggs Institute for Chemical Biology and Department of Molecular- *Nat Struct Mol Biol.* 2009
Nov;16(11):1195-9. Epub 2009 Oct 18. ([DOI Direct Link](#))
- [The cytosolic J-protein, Jjj1, and Rei1 function in the removal of the pre-60S subunit factor Arx1.](#)
While the biogenesis of ribosomal subunits occurs predominantly in the...11th November, 2009
University of Wisconsin, United States.- *J Biol Chem.* 2009 Nov 9. ([DOI Direct Link](#))
- [Enhanced Th2 cell differentiation and allergen-induced airway inflammation in Zfp35-deficient mice.](#)
Studies of human asthma and of animal models of allergic airway...11th November, 2009
Department of Immunology, Graduate School of Medicine, Chiba University,- *J Immunol.* 2009 Oct
15;183(8):5388-96. Epub 2009 Sep 25. ([DOI Direct Link](#))
- [Runx2, osx, and dspp in tooth development.](#)
The transcription factors Runx2 and Osx are necessary for osteoblast and...3rd November, 2009
Department of Pediatric Dentistry, TheUniversity of Texas Health Science- *J Dent Res.* 2009
Oct;88(10):904-9. ([DOI Direct Link](#))
- [Retrograde Neurotrophic Signaling Requires a Protein Interacting with Receptor Tyrosine Kinases via C2H2 Zinc Fingers.](#)
Monitoring Editor: Mark H. Ginsberg Neurotrophins at axonal terminals...30th October, 2009
Department of Pharmacology, Georgetown University, Washington, DC 20057;- *Mol Biol Cell.* 2009 Oct
28. ([DOI Direct Link](#))
- [Osterix enhances BMSC-associated osseointegration of implants.](#)
Cellular and molecular events in osseointegration at the dental implant...30th October, 2009
Division of Oral Biology, Tufts University School of Dental Medicine, One- *J Dent Res.* 2009

- Nov;88(11):1003-7. ([DOI Direct Link](#))
- [Dephosphorylation of threonine 38 is required for nuclear translocation and subsequent activation of human xenobiotic receptor car.](#)
*Upon activation by therapeutics, the nuclear xenobiotic receptor CAR...*28th October, 2009
NIEHS, United States.- J Biol Chem. 2009 Oct 26. ([DOI Direct Link](#))
 - [PROSITE, a protein domain database for functional characterization and annotation.](#)
*PROSITE consists of documentation entries describing protein domains,...*28th October, 2009
Swiss Institute of Bioinformatics (SIB), Centre Medical Universitaire and- Nucleic Acids Res. 2009 Oct 25. ([DOI Direct Link](#))
 - [New insights into DNA-binding behavior of Wilms tumor protein \(WT1\)--a dual study.](#)
*Wilms Tumor suppressor protein (WT1) is a transcription factor that is...*27th October, 2009
Center for Molecular Protein Science, Lund University, Getingeaven 60,- Biophys Chem. 2009 Dec;145(2-3):116-25. Epub 2009 Oct 1. ([DOI Direct Link](#))
 - [Redox-Dependent Regulation of the Stress-Induced Zinc-Finger Protein SAP12 in Arabidopsis thaliana.](#)
*The stress-associated protein SAP12 belongs to the stress-associated...*15th October, 2009
Biochemistry and Physiology of Plants, Bielefeld University, 33501- Mol Plant. 2009 Mar;2(2):357-67. Epub 2008 Dec 9. ([DOI Direct Link](#))
 - [Implication of HIC1 \(Hypermethylated In Cancer 1\) in the DNA damage response.](#)
*HIC1 (Hypermethylated In Cancer 1) is a tumor suppressor gene which is...*14th October, 2009
CNRS-UMR 8161, Institut de Biologie de Lille, Universite de Lille-Nord de- Bull Cancer. 2009 Oct 12. ([DOI Direct Link](#))
 - [Klf4 Directly Interacts with Oct4 and Sox2 to Promote Reprogramming.](#)
*Somatic cells can be reprogrammed to induced pluripotent stem (iPS) cells...*10th October, 2009
Eli and Edythe Broad Center for Regenerative Medicine and Stem Cell- Stem Cells. 2009 Oct 8. ([DOI Direct Link](#))
 - [Metal-responsive transcription factor 1 \(MTF-1\) activity is regulated by a nonconventional nuclear localization signal and a metal-responsive transactivation domain.](#)
*Metal-responsive transcription factor 1 (MTF-1) mediates both basal and...*3rd October, 2009
Institute of Molecular Biology, University of Zurich, Winterthurer Str.- Mol Cell Biol. 2009 Dec;29(23):6283-93. Epub 2009 Sep 21. ([DOI Direct Link](#))

Zinc Fingers Patents:



- 7531647- [Lentiviral vectors for site-specific gene insertion](#)
- 7557266- [Isolated polynucleotide molecules corresponding to mutant and wild-type alleles of the maize D9 gene and methods of use](#)
- 7560123- [Compositions and methods for nutrition supplementation](#)
- 7560438- [Genetic inhibition by double-stranded RNA](#)
- 7560440- [Regulation of angiogenesis with zinc finger proteins](#)
- 7560612- [Early-inflorescence-preferred regulatory elements and uses thereof](#)
- 7563589- [Reconstituted histone methyltransferase complex and methods of identifying modulators thereof](#)
- 7563789- [1-Adamantyl chalcones for the treatment of proliferative disorders](#)
- 7563879- [Leafhopper ecdysone receptor nucleic acids, polypeptides, and uses thereof](#)

- [7563928- Bioavailable diacylhydrazine ligands for modulating the expression of exogenous genes via an ecdysone receptor complex](#)
- [7563943- Generation of plants with altered oil, protein, or fiber content](#)
- [7553659- CHD5 encoding nucleic acids, polypeptides, antibodies and methods of use thereof](#)
- [7553494- WT1 fusion proteins](#)
- [7550579- Pericarp-preferred regulatory element](#)
- [7531723- Modulation of cytokinin activity in plants](#)
- [7534775- Methods and compositions for modulating cardiac contractility](#)
- [7537902- Methods and kits using a molecular interaction between a Smurf-1 WW domain and LIM mineralization protein isoforms](#)
- [7538095- Genetic inhibition by double-stranded RNA](#)
- [7538261- Maize promoter active in silks, stalk nodes, roots and leaf sheaths](#)
- [7541188- Skin substitutes and uses thereof](#)
- [7541343- Inhibiting cellular proliferation by expressing yin yang-1](#)
- [7544857- Brachytic2 \(Br2\) promoter from maize and methods of use](#)
- [7550575- Zea maize auxin response related genes for controlling plant growth and organ size and their use in improving crop plants](#)
- [7550578- Rice promoters for regulation of plant expression](#)
- [7566533- Clinically intelligent diagnostic devices and methods](#)
- [7566685- Methods and compositions for screening using diphtheria toxin constructs](#)
- [7601490- Development of influenza A antivirals](#)
- [7601508- Whitefly ecdysone receptor polypeptide and methods](#)
- [7604805- Protein logic gates](#)
- [7604947- Detection and modulation of cancer stem cells](#)
- [7605140- Regulation of angiogenesis with zinc finger proteins](#)
- [7605302- Maize promoter active in silks, stalk nodes, roots and leaf sheaths](#)
- [7608681- Methods and compositions for prolonging elimination half-times of bioactive compounds](#)
- [7608752- Gene targeting using replicating DNA molecules](#)
- [7611839- Methods for diagnosing RCC and other solid tumors](#)
- [7615380- Methods for modulating an immune response by modulating KRC activity](#)
- [7598365- Targeted DNA insertion in plants](#)
- [7598029- Method for identifying HIV-1 protease inhibitors with reduced metabolic affects](#)
- [7595376- Poly zinc finger proteins with improved linkers](#)
- [7572828- Identification of anti-HIV compounds inhibiting virus assembly and binding of nucleocapsid protein to nucleic acid](#)
- [7572886- Death associated proteins, and THAP1 and PAR4 pathways in apoptosis control](#)
- [7575869- Genome wide location and function of DNA binding proteins](#)
- [7576263- Gene OSISAP1 of rice confers tolerance to stresses and a method thereof](#)
- [7579146- Nucleic acid cloning](#)
- [7579452- Cancer vaccine based on brother of regulator of imprinted sites molecule](#)
- [7579529- AP2 domain transcription factor ODP2 \(ovule development protein 2\) and methods of use](#)
- [7585849- Position dependent recognition of GNN nucleotide triplets by zinc fingers](#)
- [7589257- Genes for enhancing nitrogen utilization efficiency in crop plants](#)
- [7595151- Methods and compositions for diagnosis and treatment of influenza](#)
- [7615624- Arabidopsis derived promoters for regulation of plant expression](#)

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