

# Integrated DNA Technologies Incorporated

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## Contact Details:

1710 Commercial Park

Coralville

IA

52241

United States of America

Tel: 319 626 8400

Fax: 319 626 8418

Email:

## Recent Publications by Integrated DNA Technologies Incorporated:



- [IDT SciTools: a suite for analysis and design of nucleic acid oligomers.](#)  
*DNA and RNA oligomers are used in a myriad of diverse biological and...*5th August, 2008  
Department of Molecular Genetics and Biophysics, Integrated DNA- Nucleic Acids Res. 2008 Jul 1;36(Web Server issue):W163-9. Epub 2008 Apr ([DOI Direct Link](#))
- [Chemical modification patterns compatible with high potency dicer-substrate small interfering RNAs.](#)  
*Dicer-substrate small interfering RNAs (DsiRNAs) are synthetic RNA...*22nd July, 2008  
Integrated DNA Technologies, Inc 1710 Commercial Park, Coralville, IA- Oligonucleotides. 2008 Jun;18(2):187-200. ([DOI Direct Link](#))
- [Predicting stability of DNA duplexes in solutions containing magnesium and monovalent cations.](#)  
*Accurate predictions of DNA stability in physiological and enzyme buffers...*11th June, 2008  
Integrated DNA Technologies, 1710 Commercial Park, Coralville, Iowa 52241,- Biochemistry. 2008 May 13;47(19):5336-53. Epub 2008 Apr 19. ([DOI Direct Link](#))
- [piRNA-like RNAs in the marsupial Monodelphis domestica identify transcription clusters and likely marsupial transposon targets.](#)  
*PIWI-interacting RNAs (piRNAs) are a recently discovered class of small...*14th May, 2008  
Molecular Genetics and Biophysics, Integrated DNA Technologies, 1710- Mamm Genome. 2008 May 13. ([DOI Direct Link](#))
- [Predicting ultraviolet spectrum of single stranded and double stranded deoxyribonucleic acids.](#)  
*Synthetic oligodeoxynucleotides are widely used in many biological,...*6th May, 2008  
Integrated DNA Technologies, 1710 Commercial Park, Coralville, IA 52241,- Biophys Chem. 2008 Mar;133(1-3):66-70. Epub 2007 Dec 23. ([DOI Direct Link](#))

- [In vitro and in silico annotation of conserved and nonconserved microRNAs in the genome of the marsupial \*Monodelphis domestica\*.](#)  
*The gray short-tailed opossum, *Monodelphis domestica*, is the world's most...* 20th March, 2008  
Molecular Genetics and Bioinformatics, Integrated DNA Technologies, 1710- J Hered. 2008  
Jan-Feb;99(1):66-72. Epub 2007 Oct 26. ([DOI Direct Link](#))
- [Identification of sequence motifs significantly associated with antisense activity.](#)  
*BACKGROUND: Predicting the suppression activity of antisense...* 22nd August, 2007  
Department of Bioinformatics, Integrated DNA Technologies, Coralville, IA- BMC Bioinformatics. 2007  
Jun 7;8:184. ([DOI Direct Link](#))
- [Improving model predictions for RNA interference activities that use support vector machine regression by combining and filtering features.](#)  
*BACKGROUND: RNA interference (RNAi) is a naturally occurring phenomenon...* 1st August, 2007  
Department of Bioinformatics, Integrated DNA Technologies, Inc.,- BMC Bioinformatics. 2007 Jun  
6;8:182. ([DOI Direct Link](#))
- [Design of active small interfering RNAs.](#)  
*Small interfering RNAs (siRNAs) have become the experimental tool of...* 22nd June, 2007  
Integrated DNA Technologies Inc, 1710 Commercial Park, Coralville, IA- Curr Opin Mol Ther. 2007  
Apr;9(2):110-8.
- [Characterization of modified antisense oligonucleotides in \*Xenopus laevis\* embryos.](#)  
*A wide variety of modified oligonucleotides have been tested as antisense...* 20th June, 2006  
Integrated DNA Technologies, Coralville, IA 52241, USA.- Oligonucleotides. 2006 Spring;16(1):26-42. ([DOI Direct Link](#))
- [Progress towards in vivo use of siRNAs.](#)  
*RNA interference (RNAi) has become the method of choice to suppress gene...* 16th June, 2006  
Integrated DNA Technologies, Inc., Coralville, IA 52241, USA.- Mol Ther. 2006 Apr;13(4):644-70. Epub  
2006 Feb 14. ([DOI Direct Link](#))
- [Design of LNA probes that improve mismatch discrimination.](#)  
*Locked nucleic acids (LNA) show remarkable affinity and specificity...* 27th May, 2006  
Integrated DNA Technologies, 1710 Commercial Park, Coralville, IA 52241,- Nucleic Acids Res. 2006  
May 2;34(8):e60. ([DOI Direct Link](#))
- [Primate microRNAs miR-220 and miR-492 lie within processed pseudogenes.](#)  
*MicroRNAs (miRNAs) are a new and abundant class of small, noncoding RNAs...* 29th April, 2006  
Molecular Genetics and Bioinformatics, Integrated DNA Technologies, 1710- J Hered. 2006  
Mar-Apr;97(2):186-90. Epub 2006 Feb 17. ([DOI Direct Link](#))
- [LOC 390443 \(RNase 9\) on chromosome 14q11.2 is related to the RNase A superfamily and contains a unique amino-terminal preproteinlike sequence.](#)  
*A new member of the human RNase A superfamily is reported. Identified in...* 4th August, 2005  
Molecular Genetics and Bioinformatics, Integrated DNA Technologies, 1710- Hum Biol. 2004  
Dec;76(6):921-35.
- [Functional polarity is introduced by Dicer processing of short substrate RNAs.](#)  
*Synthetic RNA duplexes that are substrates for Dicer are potent triggers...* 3rd August, 2005  
Integrated DNA Technologies, Inc. 1710 Commercial Park, Coralville, IA- Nucleic Acids Res. 2005 Jul  
26;33(13):4140-56. Print 2005. ([DOI Direct Link](#))

**BioNews Results for Integrated DNA Technologies Incorporated**



- [Dicerna Pharmaceuticals Announces Preclinical Findings Highlighting Novel Approach to Maximizing](#)

## Dicer-Substra

*Pharma Live: Oct 4 2008 1:02AM Matching: integrated dna technologies*

- [DNA Repair: Structure Of The Mre11 Protein Bound To DNA](#)  
*Science Daily: Oct 4 2008 7:41AM Matching: integrated dna technologies*
- [Get a Deep Insight into the World Biometrics Market](#)  
*IT Business Net: Oct 2 2008 5:02AM Matching: integrated dna technologies*
- [Get a Deep Insight into the World Biometrics Market](#)  
*Interest!ALERT: Oct 2 2008 3:24AM Matching: integrated dna technologies*
- [Dicerna Pharmaceuticals Announces Preclinical Findings Highlighting Novel Approach to Maximizing Dicer-Substra](#)  
*PR inside: Oct 1 2008 6:08PM Matching: integrated dna technologies*
- [Dicerna Pharmaceuticals Announces Preclinical Findings Highlighting Novel Approach to Maximizing Dicer-Substra](#)  
*Genetic Engineering News: Oct 1 2008 2:34PM Matching: integrated dna technologies*
- [Dicerna Pharmaceuticals Announces Preclinical Findings Highlighting Novel Approach to Maximizing Dicer-Substra](#)  
*Houston Chronicle: Oct 1 2008 1:59PM Matching: integrated dna technologies*
- [Dicerna Pharmaceuticals Announces Preclinical Findings Highlighting Novel Approach to Maximizing Dicer-Substra](#)  
*Calibre Macro World: Oct 1 2008 1:34PM Matching: integrated dna technologies*
- [454 Life Sciences and IDT sign agreement for primer design and supply](#)  
*Datamonitor: Sep 26 2008 2:43AM Matching: integrated dna technologies*
- [454 Life Sciences and IDT sign agreement for primer design and supply](#)  
*Pharmaceutical Business Review: Sep 26 2008 7:56AM Matching: integrated dna technologies*
- [Roche 454 Life Sciences and IDT Enter Worldwide Exclusive Agreement for Primer Design and Supply](#)  
*GenomicsProteomics.com: Sep 25 2008 2:34PM Matching: integrated dna technologies*
- [Roche 454 Life Sciences and Integrated DNA Technologies to Enter Worldwide Exclusive Agreement for Primer Desi](#)  
*Calibre Macro World: Sep 24 2008 12:13PM Matching: integrated dna technologies*
- [Roche 454 Life Sciences and Integrated DNA Technologies to Enter Worldwide Exclusive Agreement for Primer Desi](#)  
*Pharma Live: Sep 24 2008 3:07PM Matching: integrated dna technologies*
- [Roche 454 Life Sciences and Integrated DNA Technologies to Enter Worldwide Exclusive Agreement for Primer Desi](#)  
*DiGiTAL50: Sep 24 2008 6:56PM Matching: integrated dna technologies*
- [Roche 454 Life Sciences and Integrated DNA Technologies to Enter Worldwide Exclusive Agreement for Primer Desi](#)  
*Genetic Engineering News: Sep 24 2008 1:54PM Matching: integrated dna technologies*

## **Integrated DNA Technologies Incorporated Patents:**



- 7276337- [Compositions and methods for visual ribonuclease detection assays](#)
- 7135284- [Primer extension methods for production of high specific activity nucleic acid probes](#)
- 7112406- [Polynomial amplification of nucleic acids](#)

- 6773885- [Compositions and methods for visual ribonuclease detection assays](#)
- 6197944- [DNA molecules stabilized by modifications of the 3'-terminal phosphodiester linkage](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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