

Diversa

[View the current Diversa Page on BioPortfolio.com](http://www.bioportfolio.com/biocorporate/21978-Diversa.html)

(<http://www.bioportfolio.com/biocorporate/21978-Diversa.html>)

Contact Details:

4955 Directors Place

San Diego

California

92121-1609

United States of America

Tel: (858) 526-5000

Fax: (858) 526-5551

Email: info@diversa.com

Since 1994, San Diego-based Diversa Corporation (Nasdaq: DVSA) has pioneered the development of high-performance specialty enzymes. We possess the world's broadest array of enzymes derived from bio-diverse environments as well as patented DirectEvolution® technologies. Diversa customizes enzymes for manufacturers within the alternative fuel, industrial, and health and nutrition markets to enable higher throughput, lower costs, and improved environmental outcomes. Our product portfolio includes enzymes to produce ethanol, cellulosic ethanol and biodiesel as alternative fuels. In addition, we market enzymes to improve industrial process such as pulp bleaching. Our phytase health and nutrition enzymes are designed to increase the efficiency of animal feed.

Recent Publications by Diversa:



- [On the predictability of protein database search complexity and its relevance to optimization of distributed searches.](#)
*We discuss several aspects related to load balancing of database search...*9th November, 2007
Diversa Corporation,- J Proteome Res. 2007 Sep;6(9):3443-8. Epub 2007 Jul 31. ([DOI Direct Link](#))
- [Targeted access to the genomes of low-abundance organisms in complex microbial communities.](#)
*Current metagenomic approaches to the study of complex microbial consortia...*30th October, 2007
Diversa Corporation, San Diego, CA 92121, USA.- Appl Environ Microbiol. 2007 May;73(10):3205-14.
Epub 2007 Mar 16. ([DOI Direct Link](#))
- [Biocatalytic conversion of avermectin to 4"-oxo-avermectin: improvement of cytochrome p450 monooxygenase specificity by directed evolution.](#)
*Discovery of the CYP107Z subfamily of cytochrome P450 oxidases (CYPs) led...*15th September, 2007
Diversa Corporation, San Diego, CA 92121, USA.- Appl Environ Microbiol. 2007 Jul;73(13):4317-25.
Epub 2007 May 4. ([DOI Direct Link](#))

- [A multifunctional hybrid glycosyl hydrolase discovered in an uncultured microbial consortium from ruminant gut.](#)
*A unique multifunctional glycosyl hydrolase was discovered by screening an...*30th March, 2007
Diversa Corporation, 4955 Directors Place, San Diego, CA 92121, USA.- *Appl Microbiol Biotechnol.* 2007 Feb;74(1):113-24. Epub 2006 Nov 14. ([DOI Direct Link](#))
- [Engineering stability into Escherichia coli secreted Fabs leads to increased functional expression.](#)
*The recombinant expression of immunoglobulin domains, Fabs and scFvs in...*6th September, 2006
Department of Protein Therapeutics, Diversa Corp. 4955 Directors Place San- *Protein Eng Des Sel.* 2006 Jul;19(7):325-36. Epub 2006 May 3. ([DOI Direct Link](#))
- [Capturing the uncultivated majority.](#)
*The metagenomic analysis of environmental microbial communities continues...*25th August, 2006
Diversa Corporation, San Diego, CA 92121, USA.- *Curr Opin Biotechnol.* 2006 Jun;17(3):236-40. Epub 2006 May 15. ([DOI Direct Link](#))
- [Contribution of transcriptional regulation to natural variations in Arabidopsis.](#)
*BACKGROUND: Genetic control of gene transcription is a key component in...*4th August, 2006
Torrey Mesa Research Institute, Syngenta Research and Technology, 3115- *Genome Biol.* 2005;6(4):R32. Epub 2005 Mar 15. ([DOI Direct Link](#))
- [Environmental whole-genome amplification to access microbial populations in contaminated sediments.](#)
*Low-biomass samples from nitrate and heavy metal contaminated soils yield...*27th July, 2006
Diversa, 4955 Directors Place, San Diego, CA 92121, USA.- *Appl Environ Microbiol.* 2006 May;72(5):3291-301. ([DOI Direct Link](#))
- [Bioethanol.](#)
*Alternatives to petroleum-derived fuels are being sought in order to...*31st May, 2006
Diversa Corporation, 4955 Directors Place, San Diego, CA 92121, USA.- *Curr Opin Chem Biol.* 2006 Apr;10(2):141-6. Epub 2006 Mar 7. ([DOI Direct Link](#))
- [Evolution of a microbial nitrilase gene family: a comparative and environmental genomics study.](#)
*BACKGROUND: Completed genomes and environmental genomic sequences are...*14th April, 2006
Diversa Corporation, 4955 Directors Place, San Diego, CA 92131, USA.- *BMC Evol Biol.* 2005 Aug 6;5:42. ([DOI Direct Link](#))
- [Quantitative analysis of nifH genes and transcripts from aquatic environments.](#)
*The availability of fixed inorganic nitrogen often plays a fundamental...*13th December, 2005
Diversa Corp., San Diego, California 92121, USA.- *Methods Enzymol.* 2005;397:380-94. ([DOI Direct Link](#))
- [High-throughput cultivation of microorganisms using microcapsules.](#)
*This chapter describes a universal and novel method that provides access...*13th December, 2005
Diversa Corp., San Diego, California 92121, USA.- *Methods Enzymol.* 2005;397:124-30. ([DOI Direct Link](#))
- [Global proteome discovery using an online three-dimensional LC-MS/MS.](#)
*We have developed a proteomics technology featuring on-line...*7th October, 2005
Diversa Corporation, 4955 Directors Place, San Diego, California 92121,- *J Proteome Res.* 2005 May-Jun;4(3):801-8. ([DOI Direct Link](#))
- [Discovery of pectin-degrading enzymes and directed evolution of a novel pectate lyase for processing cotton fabric.](#)
*There is a growing need in the textile industry for more economical and...*20th April, 2005
Diversa Corporation, San Diego, California 92121, USA.- *J Biol Chem.* 2005 Mar 11;280(10):9431-8. Epub 2004 Dec 23. ([DOI Direct Link](#))
- [Structural characterization of the cell wall binding domains of Clostridium difficile toxins A and B: evidence that Ca²⁺ plays a role in toxin A cell surface association.](#)
*Clostridium difficile (C.difficile) is a nosocomially acquired intestinal...*30th March, 2005
Department of Protein Therapeutics, Diversa Corp., 4955 Directors Place,- *J Mol Biol.* 2005 Mar 11;346(5):1197-206. ([DOI Direct Link](#))

Press Releases on Diversa:

Reportlinker Adds Point of Care Diagnostics 2010 and Beyond: Rapid Testing at a Crossroads	5th November, 2009	Reportlinker	NEW YORK, Nov. 5 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Point of Care Diagnostics 2010 and Beyond: Rapid Testing at a Crossroads
New Report Just Published: World Multiple Myeloma Therapeutics Market Report	7th July, 2009	Reportlinker	NEW YORK, July 7 /PRNewswire/ -- Reportlinker.com just added a new market research report to its catalogue. World Multiple Myeloma Therapeutics Market http://www.reportlinker.com/p0119496/World
MMR Information Systems, Inc. Receives Licensing Proposal Involving the Company's Anti-CD20 Antibodies	15th May, 2009	MMR Information Systems, Inc.	LOS ANGELES, May 15 /PRNewswire-FirstCall/ -- MMR Information Systems, Inc. (OTC Bulletin Board: MMRF) (the "Company"), which was known as Faville, Inc. until it acquired its subsidiary
Genoptix Announces the Addition of New Members to Board of Directors	1st August, 2008	Genoptix, Inc.	CARLSBAD, Calif., Aug. 1 /PRNewswire-FirstCall/ -- Genoptix, Inc. (Nasdaq: GXDX), a specialized laboratory services provider, announced the election of Karin Eastham and Laurence R. McCarthy, Ph.D
Faville Announces Resolution of Debt Obligations and Plans for Maximizing Assets	7th July, 2008	Faville, Inc.	SAN DIEGO, July 7 /PRNewswire-FirstCall/ -- Faville, Inc. (Nasdaq: FVRL) today announced that it has come to an agreement with its secured creditors, General Electric Capital Corporation and

BioNews Results for Diversa



- [Biomatrixa Makes Several Key Appointments as Part of Continued Growth Plan](#)

Pharma Live: Sep 8 2009 12:40PM Matching: diversa

Diversa Patents:



- 6602675- [High throughput screening of mycelia for bioactivities or biomolecules](#)
- 6713282- [End selection in directed evolution](#)

- 6720014- [Phytase-containing foodstuffs and methods of making and using them](#)
- 6740506- [End selection in directed evolution](#)
- 6764818- [Device for effecting heat transfer with a solution held in a through-hole well of a holding tray](#)
- 6764835- [Saturation mutagenesis in directed evolution](#)
- 6773900- [End selection in directed evolution](#)
- 6790605- [Methods for obtaining a desired bioactivity or biomolecule using DNA libraries from an environmental source](#)
- 6794127- [Capillary array-based sample screening](#)
- 6798520- [Method for intensifying the optical detection of samples that are held in solution in the through-hole wells of a holding tray](#)
- 6806048- [Method for high throughput screening of an environmental library](#)
- 6713281- [Directed evolution of thermophilic enzymes](#)
- 6713279- [Non-stochastic generation of genetic vaccines and enzymes](#)
- 6605449- [Synthetic ligation reassembly in directed evolution](#)
- 6610528- [Microbial enrichment using a container having a plurality of solid support particles](#)
- 6632600- [Altered thermostability of enzymes](#)
- 6632937- [Nucleic acids and proteins from Cenarchaeum symbiosum](#)
- 6635449- [Exonuclease-mediated nucleic acid reassembly in directed evolution](#)
- 6656677- [Enzyme kits and libraries](#)
- 6673552- [Methods for purifying annealed double-stranded oligonucleotides lacking base pair mismatches or nucleotide gaps](#)
- 6677115- [Protein activity screening of clones having DNA from uncultivated microorganisms](#)
- 6696275- [End selection in directed evolution](#)
- 6709841- [Exonuclease-mediated gene assembly in directed evolution](#)
- 6846627- [Screening for novel compounds which regulate biological interactions](#)
- 6849395- [Gene cluster screening of clones having DNA from mixed populations of organisms](#)
- 6855365- [Recombinant bacterial phytases and uses thereof](#)
- 7033781- [Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating](#)
- 7049101- [Enzymes having high temperature polymerase activity and methods of use thereof](#)
- 7056691- [Assays for identifying .alpha.-galactosidases](#)
- 7056703- [Polypeptides having polymerase activity and methods of use thereof](#)
- 7078035- [Phytases, nucleic acids encoding them and methods for making and using them](#)
- 7078504- [Enzymes having dehalogenase activity and methods of use thereof](#)
- 7135323- [Microbially expressed thermotolerant phytase for animal feed](#)
- 7138260- [Microbially-expressed thermotolerant phytase for animal feed](#)
- 7226771- [Phospholipases, nucleic acids encoding them and methods for making and using them](#)
- 7232672- [P450 enzymes, nucleic acids encoding them and methods of making and using them](#)
- 7019827- [GigaMatrix holding tray having through-hole wells](#)
- 7018793- [Combinatorial screening of mixed populations of organisms](#)
- 6866824- [Capillary array-based sample screening](#)
- 6872526- [High throughput screening for novel Bioactivities](#)
- 6918738- [Stackable sample holding plate with robot removable lid](#)
- 6939689- [Exonuclease-mediated nucleic acid reassembly in directed evolution](#)
- 6943001- [Epoxide hydrolases, nucleic acids encoding them and methods for making and using them](#)
- 6949369- [.alpha.-galactosidases and methods for making and using them](#)
- 6972183- [Capillary array-based enzyme screening](#)
- 6979733- [Epoxide hydrolases, nucleic acids encoding them and methods of making and using them](#)
- 6987009- [.alpha.galactosidases and methods of using them](#)
- 6987016- [.alpha.-galactosidases and methods for making and using them](#)
- 7232677- [Phytase expression systems and methods of making and using them](#)

BioCorporate Profiles - upgrade to a full profile

BioPortfolio's BioCorporate full profiles offers your organization the opportunity to increase internet traffic to your corporate web site and enhance awareness of your business, technology, products and services. BioCorporate profiles are dynamic and are updated weekly with new information sourced from core information resources: publications, clinical trials, patents and global news.

Why you should upgrade your BioPortfolio BioCorporate profile:

- the ability to amend and add information on products and services to your profile using a membership username and password
- the option to add a corporate logo
- the creation of high value URL links back to your organization's website which will improve search engine ranking - resulting in increased site traffic
- the option have your press releases published on BioPortfolio and distributed via our BioNewsCast service
- an enhanced BioCorporate profile will also improve your exposure on BioPortfolio's related service InDepth and GeneDB

The annual cost is \$995.00 for established organizations and \$495.00 for organizations less than 12 months old.

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

