TRANSGENOMIC INC Form S-3 April 21, 2004 Table of Contents

As filed with the Securities and Exchange Commission on April 20, 2004

Commission File No.: 333-

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3 REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

TRANSGENOMIC, INC.

(Exact Name of Registrant As Specified In Its Charter)

Delaware (State of Incorporation)

91-1789357 (IRS Employer I.D. Number)

12325 Emmet Street Omaha, Nebraska 68164 (402) 452-5400

(Address, including zip code, and telephone number, including area code, of registrant s principal executive offices)

Collin J. D Silva

President and Chief Executive Officer 12325 Emmet Street Omaha, Nebraska 68164 (402) 452-5400

(Name, address and telephone number of Agent for Service)

Copies to:

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Kutak Rock LLP

1650 Farnam Street

Omaha, Nebraska 68102

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APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE TO THE PUBLIC: From time to time after the effective date of this Registration Statement as determined by market conditions.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. x

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box. "

registered

Calculation of Registration Fee

Title of each class of securities be Amount to be Proposed maximum Proposed maximum Amount of

	registered	offering price	aggregate	registration fee
		per share(1)	offering price	
Common Stock, par value \$.01 per share	2,557,842(2)	\$2.40	\$6,188,250	\$784.05

⁽¹⁾ Calculated as the weighted average of the following: 1,053,640 shares at \$2.61 per share; 1,363,636 shares at \$2.20 per share; 125,000 shares at \$3.11 per share; and 15,566 shares at \$3.18 per share.

We hereby amend this Registration Statement on such date or dates as may be necessary to delay its effective date until we file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until this Registration Statement shall become effective on such date as the Commission, acting according to Section 8(a), may determine.

⁽²⁾ Consists of 2,417,276 shares of common stock issuable upon conversion of \$5,750,000 in outstanding convertible debt and 140,566 shares issuable upon exercise of outstanding Warrants.

The information in this prospectus is not complete and may be changed. These securities may not be sold until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and is not seeking an offer to buy these securities in any state where the offer or sale is not permitted. these securities and is not seeking an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, dated April 20, 2004

PRELIMINARY PROSPECTUS

2,557,842 Shares

TRANSGENOMIC, INC.

COMMON STOCK

This Prospectus covers 2,557,842 shares (Shares) of our common stock that may be sold by the selling stockholders from time to time. These stockholders may sell the shares at the then prevailing market price for the shares at the time of the sale, or at other prices. The last reported sale price for our common stock on April 16, 2004 was \$1.73 per share. We will not receive any of the proceeds from the sale of these shares by these stockholders.

Our common stock is listed on the Nasdaq National Market under the symbol TBIO.

The selling stockholders are offering the common stock as described under Plan of Distribution.

Investing in our common stock involves a high degree of risk. You should carefully consider the information under the heading <u>Risk Factors</u> beginning on page 5 of this Prospectus before buying shares of our common stock.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

, 2004

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Forward-Looking Statements

This prospectus contains or incorporates by reference certain forward-looking statements. Many of these forward-looking statements refer to our plans, objectives, expectations and intentions, as well as our future financial results and are subject to risk and uncertainty. You can identify these forward-looking statements by words such as expects, anticipates, intends, plans, may, will, believes, seeks, estimates an expressions. Because these forward-looking statements involve risks and uncertainties, there are many factors that could cause our actual results to differ materially from those expressed or implied by these forward-looking statements, including those discussed under Risk Factors in this Prospectus or described in reports that we file from time to time with the Securities and Exchange Commission, such as our Forms 10-K and 10-Q.

You should rely only on the information contained in or incorporated by reference into this Prospectus. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. The information in this Prospectus is current as of its date. Our business, financial condition, results of operations and prospects may have changed since that date.

This Prospectus references the following registered trademarks which are the property of Transgenomic: DNASEP® Columns, WAVE® System, WAVEMAKER® Software, TRANSFORMING THE WORLD® for Laboratory Equipment, TRANSGENOMIC® and the Globe Logo®; MutationDiscovery.com® Website, OLIGOSEP® for Systems and Reagents, OPTIMASE® Polymerase, RNASEP® Columns, WAVE OPTIMIZED® reagents, and WAVE® MD Systems. Additionally, this Prospectus references the following trademarks which are the property of Transgenomic: DHPLC or Education Programs, FIRST BASE Linkers, MitoScreen Kits, ProtocolWriter Software, Navigator Software, THE POWER OF DISCOVERY for Lab Reagents and Educational Programs, and Surveyor Nuclease. All other trademarks or trade names referred to in this Prospectus are the property of their respective owners.

ABOUT THIS PROSPECTUS

This Prospectus does not contain all of the information you need to consider before buying our common stock. Additional important information is contained in the documents that are incorporated by reference into this Prospectus, including more detailed financial statements and the notes thereto. See Incorporation of Certain Documents By Reference. As a result, information presented in this Prospectus is qualified in its entirety by this additional information. We urge you to carefully read this entire Prospectus, along with the additional information that is incorporated by reference into this Prospectus, before investing in our common stock. In particular, you should carefully consider the information discussed under Risk Factors . All references to we, us or the Company in this Prospectus mean Transgenomic, Inc.

TRANSGENOMIC, INC.

Our Business

We provide innovative products and services for the synthesis, purification and analysis of nucleic acids. Our operations fall into two principal business units, BioSystems and Nucleic Acids. Our BioSystems products include our WAVE® automated instrument systems, WAVE associated consumable products and other related consumable products. Our Nucleic Acids products include chemical building blocks for nucleic acid synthesis and synthesized nucleic acids. Both business units have service offerings as well, including genetic variation discovery and analysis services, novel chemistry development services and custom synthesis of nucleic acids. Our business strategy is to align our products and services with the advancements in the field of genetics and to become a major supplier of products and services to researchers, medical institutions, diagnostic and pharmaceutical companies. Specifically, our strategy is to:

Establish the WAVE System as the industry standard in the genetic research market, thereby expanding the installed base of systems and related consumable sales; and

Position ourselves as a unique partner to biopharmaceutical and pharmaceutical companies in the early stages of their efforts to develop genomic-based diagnostics and therapeutics thereby allowing us to participate in future successes of products derived from the expanding knowledge of genomics.

Our technologies center around three core competencies: separation chemistries, enzymology, and nucleic acid chemistries. We employ novel chemistries for separating nucleic acids, proteins, peptides, amino acids and carbohydrates. One of our significant separation technologies is currently embodied in the WAVE System. The WAVE System is a versatile instrument that can be used for variation detection, size-based double-strand DNA separation and analysis, single-strand DNA separation and analysis and DNA purification. The WAVE System requires the use of various consumable products that we manufacture and sell separately.

Our second core competency is expertise in developing novel enzymes. Enzymes are proteins that act as catalysts for biochemical reactions. Several of these reactions are useful in genomics. The ability to develop enzymes useful in the experimental manipulation of genes provides powerful tools for producing genetic material in the form needed for further analysis or incorporation into diagnostics and therapeutics. These products can also expand the sale of consumable products to WAVE System users and may also be sold for other applications. In September 2003 we introduced our SURVEYOR® product line of mutation detection kits. The key component of SURVEYOR Mutation Detection Kits is an enzyme that cleaves DNA at points where any type of DNA sequence variation exists, a significant improvement compared to related enzymes in its class. The resulting DNA fragments can then be analyzed by the Transgenomic WAVE System, fluorescent capillary electrophoresis or standard gel electrophoresis. SURVEYOR Kits provide a simple and robust method of scanning relatively large DNA

fragments for both known and novel sequence variations. We have recently begun commercial sales of SURVEYOR.

Our third core competency is nucleic acid chemistries. Our synthetic nucleic acid products consist of chemical building blocks of nucleic acids (known as phosphoramidites), fluorescent markers and dyes, associated reagents, and synthesized segments of nucleic acids (known as oligonucleotides and oligomimetics). These products are used by research organizations, diagnostic companies and pharmaceutical companies. We produce these products in our Glasgow, Scotland facility. In 2003 we began production at a cGMP compliant facility in Boulder, Colorado. This facility is able to

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further process phosphoramidite products into synthesized oligonucleotides in larger quantities. This facility will also provide process development, enhancement and unique chemistry development services. Finally, our nucleic acid chemistry capabilities also include the ability to produce related specialty chemicals, such as molecular tags, dyes, quenchers, linkers, and solvents used to modify nucleic acids for subsequent detection or manipulation.

The Company s operations are managed based upon the nature of the products and services provided. Accordingly, the Company operates in two reportable segments, BioSystems and Nucleic Acids. Operations for these segments are evaluated based upon specific identification of revenues and expenses associated with the business activities resulting in a segment operating income.

Business Strategy

Our business strategy is to align our product and service offerings with the evolution of genetic advancements and to become a major supplier of products and services to researchers, medical institutions, diagnostic and pharmaceutical companies. Genetic advancements have developed and continue to develop over time. The movement in the field of genomics, and related market opportunities, has shifted from gene discovery to the analysis of variations in gene sequences. From these variations researchers are beginning to link the impacts of variations in the gene sequences to disorders and diseases. It is hoped that this knowledge will lead to the creation of diagnostic tests for these disorders and diseases and the development of therapeutic treatments and drugs.

Research and Development

We maintain an active program of research and development and expect to continue to spend significant amounts in 2004. Our research and development activities include the improvement of the DNA separation media used in our WAVE System, the refinement of the hardware and software components of the WAVE System, the creation of unique enzymes and WAVE-optimized enzymes, and the improvement of chemical and biochemical reaction techniques for synthetic nucleic acids. Our research and development expenses were \$9.3 million, \$12.2 million and \$9.4 million in 2003, 2002 and 2001, respectively.

Sales and Marketing

We currently sell our products in major markets, including the U.S., U.K. and most countries in Western Europe, with a direct sales and support staff. For the rest of the world, we sell our products through dealers and distributors located in those local markets. As of December 31, 2003, we had over 25 dealers and distributors. We also maintain regionally-based technical support staffs and applications scientists to support our sales and marketing activities throughout the U.S. and Europe.

Customers

We have sold our products to several hundred customers in over 30 countries. Customers include numerous leading academic and medical institutions in the U.S. and abroad. In addition, our customers also include a number of large, established U.S. and foreign pharmaceutical,

biotech and commercial companies. During 2003, two customers within our Nucleic Acids business unit, Geron Corporation and Invitrogen, accounted for over 10 percent of our total revenue for that business unit.

Manufacturing

We manufacture bioconsumable products including our separation columns, liquid reagents, enzymes and nucleic acid products. The major components of our WAVE systems are manufactured for us by a third party. We integrate our own hardware and software with these third party manufactured components. Our manufacturing facilities for our WAVE systems and bioconsumables are located in Omaha, Nebraska, San Jose, California, and Cramlington, England. Our Synthetic Nucleic Acid products are manufactured in Glasgow, Scotland and Boulder, Colorado.

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Intellectual Property

To establish and protect our proprietary technologies and products, we rely on a combination of patent, copyright, trademark and trade-secret laws, as well as confidentiality provisions in our contracts. We have successfully prosecuted or licensed in numerous patents protecting our core technologies, and as a result we presently own rights to more than 60 issued patents and over 60 pending applications in both the US and abroad. Our DNA separation technologies and methods embodied in our BioSystems business unit products are protected by patents and licensed technologies. These patents, including licensed technologies, have remaining lives of between 9 to 18 years. Intellectual property related to our Nucleic Acid business unit is mainly licensed-in technology. We will continue to file patent applications and seek new licenses as we develop new products and technologies.

Recent Developments

In December 2003, we entered into a new line of credit facility with Laurus Master Trust, Ltd. (Laurus). Under the terms of the agreement, we can borrow up to \$7.5 million based on eligible accounts receivable and inventory balances. In February 2004, Laurus waived the borrowing base limitation on our line thereby making the full \$7.5 million facility available to us regardless of the available collateral. The waiver will expire on December. 19, 2004. Additionally, in January and February 2004, Laurus exercised its conversion rights on the line of credit and converted \$2.0 million of outstanding indebtedness into approximately 910,000 shares of common stock of the Company.

In February 2004, we entered into a \$2.75 million convertible note with Laurus. The note carries an interest rate of prime plus 2% or a minimum of 6.0% and has a term of 3 years. The principal and interest on the note may be converted into common stock of the Company at a fixed conversion price of \$2.61 per share. Proceeds from this transaction will be used to retire the current mortgage debt on the Glasgow facility, complete the build-out of the Glasgow facility, complete the consolidation our operations into the new facility and provide funds for operations. Proceeds, net of transaction costs and amounts used to repay our existing mortgage debt on the Glasgow facility, were approximately \$750,000.

In January 2004, we announced the signing of an agreement with SpectruMedix pursuant to which we will distribute SpectruMedix s Reveal Genetic Analysis Systems in Europe. Also in January 2004, we entered into an agreement allowing us to distribute Nanogen s NanoChip Molecular Biology Workstation in selected Western European countries.

As a result of our cost control measures and reduced capital expenditures, we expect our cash usage to decrease during 2004. Based upon our current projections, we expect to meet our cash needs for 2004 from existing cash, additional cash generated from our working capital, additional funds available to us under our \$7.5 million credit facility and the proceeds of the \$2.75 million convertible note entered into in February 2004, net of debt repayment costs. These projections assume continued revenue strength from our Biosystems business unit. We believe growth will result from increased consumable product offerings and continued strength in demand for our instruments. These projections also assume that revenues from our Nucleic Acid business unit have reached a base level in the third quarter of 2003 and will begin to increase in the future. Much of the anticipated increase in the Nucleic Acid business unit revenues will come from new customers and additional business from existing customers of our Boulder, Colorado facility that began production in 2003. More specifically, our current financial and cash flow projections indicate that we expect to use approximately \$2.5 million in cash to fund further operating losses and an additional \$1.7 million to \$2.5 million for capital expenditures. The majority of the capital expenditures will be associated with our Nucleic Acids business unit. These projections indicate a cash need of \$4.2 million to \$5.0 million for the year. Our cash balance at December 31, 2003 of \$1.2 million, plus the net proceeds from our new convertible note of approximately \$750,000 received in February 2004, additional advances available on our line of credit and the conversion by Laurus of \$2.0 million of amounts outstanding on the line into approximately 910,000 shares of common stock of the Company are sufficient to meet this projected cash need. As of December 31, 2003, additional advances available on our line of credit were \$1.7 million based upon eligible collateral as of that date. Based upon the waiver received in February 2004, an additional \$4.5 million was available when calculated as the total line of credit available of \$7.5 million less \$3.0 million outstanding at December 31, 2003. These

projections may or may not be realized based upon actual operating results and capital project requirements. Thus, during or after this period, if our existing cash balances, cash generated by our working capital, and available borrowings under credit agreements are insufficient to satisfy our liquidity requirements, we may need to further reduce our expenses, sell additional equity or debt securities, obtain additional credit arrangements, or sell some of our assets.

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We are monitoring our liquidity position and are prepared to take appropriate measures, as needed, to address liquidity. Such measures may include, but are not limited to, further expense reductions, an expansion of our line of credit, asset sales and the placement of equity or debt. We cannot assure you that any financing arrangements will be available in amounts or on terms acceptable to us. Our failure to raise additional capital, if needed, would harm our financial condition, results of operations and our business.

In March 2004, we announced the following items:

The signing of a contract with Regado Biosciences to manufacture two components of their lead therapeutic compound and to provide related services through our Boulder, Colorado facility.

The presentation of results in which the Company s WAVE System has played an important role by several of its customers from major research institutions worldwide at the American Association of Cancer Research annual meeting.

The resignation of Michael J. Draper, Chief Financial Officer, and the appointment of Mitchell L. Murphy as Interim Chief Financial Officer.

General Information

We were incorporated in Delaware on March 6, 1997. Our principal office is located at 12325 Emmet Street, Omaha, Nebraska 68164 (telephone: 402-452-5400). We maintain manufacturing facilities in Omaha, Nebraska, Boulder, Colorado, San Jose, California, Glasgow, Scotland and Cramlington, England. We maintain research and development offices in Gaithersburg, Maryland, Boulder, Colorado, Piscataway, New Jersey and Omaha, Nebraska.

Our internet address is *www.transgenomic.com*. We make our annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports available free of charge through our website as soon as reasonably practicable after we file these documents with the Securities and Exchange Commission. The information contained in our website is not part of this Prospectus and you should not rely on it in deciding whether to invest in our common stock.

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RISK FACTORS

An investment in our common stock involves a number of risks. Before making an investment decision, you should carefully consider all of the risks described in this Prospectus and the documents that are incorporated by reference into this Prospectus. The risks discussed in this Prospectus could materially adversely affect our business, financial condition and results of operations and cause the trading price of our common stock to decline significantly. If this occurs, you may lose all or part of your investment.

We may not have adequate financial resources to execute our business plan.

We have historically experienced operating losses and negative cash flows. As of December 31, 2003, we had approximately \$1.2 million in cash and cash equivalents and an accumulated deficit of \$72.7 million. To date, we have financed our operations and capital expenditures primarily from the proceeds of public and private placements of common stock. Additionally, in December 2003 and February 2004, we entered into loan agreements with Laurus Master Fund, Ltd. for up to a \$7.5 million secured line of credit and a \$2.75 million convertible note, respectively. In February 2004, Laurus waived the borrowing base limitation on our line thereby making the full \$7.5 million facility available to us regardless of the available collateral. Laurus has committed to keeping the waiver through the end of 2004. We expect to continue to need substantial amounts of cash to fund our operations and capital expenditures in the future. Based upon our current projections, we expect to meet our future cash needs from existing cash, additional cash generated from our working capital, funds available to us under our \$7.5 million credit facility and the net proceeds of the convertible note. These projections may or may not be realized based upon actual operating results and capital project requirements. Thus, our existing cash balances, cash generated by our working capital, available borrowings under our secured line of credit and net proceeds of the convertible note may be insufficient to satisfy our liquidity requirements. Accordingly, we may need to raise additional capital. However, we cannot assure you that additional financing will be available to us when we need it or on acceptable terms. If we raise additional capital by issuing common stock or other equity securities, the issuance of these securities would result in dilution to our existing stockholders. If we borrow additional money, we will incur additional interest costs and may become subject to covenants that restrict our operations and capital expenditures. If we are not able to obtain additional capital as needed, we may need to take further steps to reduce our operating costs, and may not be able to execute parts or all of our business plan.

We have a history of operating losses and expect to incur losses in the future.

We have experienced losses from operations since inception of our operations. Our operating losses for each of the last three fiscal years were \$22.6 million, \$21.7 million and \$9.7 million, in 2003, 2002 and 2001, respectively. These losses have been due principally to the high levels of research and development expenses and sales and marketing expenses that we have incurred in order to develop and market our products, restructuring charges and goodwill impairment charges. In addition, markets for our products have developed more slowly than expected in some cases and may continue to do so. As a result, we expect to incur operating losses in the future and we may never be profitable.

Markets for our products and services may develop slowly.

There are many factors that affect the market demand for our products and services that we cannot control. This is especially true in our Nucleic Acid segment where the demand for our products depends to a large degree on the success that our customers and potential customers have in developing useful pharmaceutical products based on genetic intervention. A central strategy for our Nucleic Acid segment is to sell synthetic nucleic acid products to biopharmaceutical and pharmaceutical companies that are seeking to develop commercially viable genomic-based diagnostic and therapeutic products. We have invested a significant amount of capital into acquiring and developing manufacturing facilities and other assets to allow us to pursue this market. However, this is a new field of commercial development, and many of these biopharmaceutical

and pharmaceutical companies are in the early stages of their efforts to develop genomic-based diagnostics and therapeutics and have encountered difficulties in these efforts. As a result, the demand for our synthetic nucleic acid products is difficult to forecast and may develop slowly or sporadically. In addition, we cannot assure you that these companies will not develop internally the chemistries and manufacturing capabilities to produce the products they could buy from us. Demand for our WAVE System is similarly affected by the needs and budgetary resources of research

institutions, universities, hospitals and others who use the WAVE System for genetic-variation research. The WAVE System represents a significant expenditure by these types of customers and often requires a long sales cycle. If revenues from the sales of our products and services continue at current levels, we may need to raise additional working capital or take steps to further reduce operating expenses. We cannot assure you that sales will increase or that we will be able to raise additional working capital or reduce operating expenses.

Customer clinical trials may be delayed or discontinued.

A significant percentage of our Nucleic Acid business unit revenues are generated by sales to customers involved in drug development. Our products are generally used by these customers in the manufacture of drugs candidates in varying stages clinical trials. If these clinical trials are delayed or cancelled this could have a significant impact on our revenues generated by the Nucleic Acid business unit.

The sale of our products and business operations in international markets subjects us to additional risks.

During the last three fiscal years, our international sales have been approximately 50-65% of our net sales. As a result, a major portion of our revenues and expenses are subject to risks associated with international sales and operations. These risks include:

payment cycles in foreign markets are typically longer than in the U.S.;

changes in foreign currency exchange rates can make our products more costly and operating expenses higher in local currencies since our foreign sales and operating expenses are typically paid for in U.S. Dollars, British Pounds or the Euro; and

the potential for changes in U.S. and foreign laws or regulations that result in additional import or export restrictions, higher tariffs or other taxes, more burdensome licensing requirements or similar impediments to our ability to sell products and services profitably in these markets.

Our WAVE System includes hardware components and instrumentation manufactured by a single supplier and if we are no longer able to obtain these components and instrumentation our ability to manufacture our products could be impaired.

We currently rely on a single supplier, Hitachi High Technologies America, to provide the basic instrument used in our WAVE Systems. While other suppliers of instrumentation and computer hardware are available, we believe that our arrangement with Hitachi offers strategic advantages. Hitachi is replacing its current instrument line with a new instrument line. We may not be able to convert our technology and application to this new instrument line and, therefore, we may incur additional costs for the custom manufacturing of the current instrument line. If we were required to seek alternative sources of supply, it could be time consuming or expensive or require significant and costly modification of our WAVE System. Also, if we were unable to obtain instruments from Hitachi in sufficient quantities or in a timely manner, our ability to manufacture our products could be impaired, which could limit our future revenues.

We may not have adequate personnel to execute our business plan.

During the fourth quarter of 2002 and the first half of 2003, we took steps to reduce our operating costs that resulted in a significant reduction in our number of employees, including our research and development staff and our sales and marketing personnel. In addition, we may lose other key management, scientific, technical, sales and manufacturing personnel from time to time. It may be very difficult to replace personnel if they are needed in the future, and the loss of key personnel could harm our business and operating results. We cannot assure you that our employee reductions will not impair our ability to continue to develop new products and refine existing products in order to remain competitive. In addition, these reductions could prevent us from successfully marketing our products and developing our customer base.

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Our markets are very competitive.

We compete with many other companies in both our Biosystems segment and Nucleic Acids segment. Competitors for our Biosystems segment include several companies, such as Varian, Waters, Agilent, Applied Biosystems, Beckman Coulter, Amersham Biosciences and Invitrogen. These companies provide various products and services that compete either directly with our WAVE system, bioconsumables and services, or indirectly through alternative technologies and/or methods. Competitors for our Nucleic Acid segment vary depending on the product. In the standard chemical building blocks market, we compete with Applied Biosystems, Proligo Degussa and Pierce Nucleic Acid Technologies. The competitors for our pharmaceutical-grade oligonucleotide synthesis products and services include primarily Proligo Degussa, Dow Chemical and Avecia. Many of these competing companies have greater resources than we do or may enjoy other competitive advantages. This may allow them to more effectively market their products to our customers or potential customers, to develop products that make our products obsolete or to produce and sell products less expensively than us. As a result of these competitive factors, demand for and pricing of our products and services could be negatively affected.

The price for our common stock is volatile and may drop further.

Over the past two years our stock has traded at prices as high as \$10.77 per share in the first quarter of 2002 to as low as \$0.93 per share in the second quarter of 2003. This volatility in the price of our stock is attributable to a number of factors, not all of which relate to our operating results and financial position. Nevertheless, continued volatility in the market price for our stock should be expected and we cannot assure you that the price of our stock will increase in the future. Fluctuations or further declines in the price of our stock may affect your ability to sell shares of our stock and our ability to raise capital through future equity financing.

Our patents may not protect us from others using our technology that could harm our business and competitive position.

Patent law relating to the scope of claims in the technology fields in which we operate is still evolving. The degree of future protection for our proprietary rights is uncertain. Furthermore, we cannot be certain that others will not independently develop similar or alternative products or technology, duplicate any of our products, or, if patents are issued to us, design around the patented products developed by us. Our patents or licenses could be challenged by litigation and, if the outcome of such litigation were adverse to us, our competitors could be free to use our technology. We may not be able to obtain additional patents for our technology, or if we are able to do so, patents may not provide us with substantial protection or be commercially beneficial. In addition, we could incur substantial costs in litigation if we are required to defend ourselves in patent suits brought by third parties or if we initiate such suits.

We cannot be certain that other measures taken to protect our intellectual property will be effective.

We rely upon trade secret protection, copyright and trademark laws, non-disclosure agreements and other contractual provisions for some of our confidential and proprietary information that is not subject matter for which patent protection is being sought. Such measures, however, may not provide adequate protection for our trade secrets or other proprietary information. If they do not protect our rights, third parties could use our technology and our ability to compete in the market would be reduced.

We are dependent upon our licensed technologies and may need to obtain additional licenses in the future to offer our products and remain competitive.

We have licensed key components of our technologies from third parties. If these agreements were to terminate prematurely due to our breach of the terms of these licenses or we otherwise fail to maintain our rights to such technology, we may lose the right to manufacture or sell a substantial portion of our products. In addition, we may need to obtain licenses to additional technologies in the future in order to keep our products competitive. If we fail to license or otherwise acquire necessary technologies, we may not be able to develop new products that we need to remain competitive.

The patent underlying our nonexclusive license to manufacture standard nucleic acid building blocks will expire in the first quarter of 2005. The expiration of this patent could result in additional manufacturers entering the market for these products. Some of these manufacturers may have lower cost structures or other competitive advantages which may reduce our market share and/or our operating margins related to these products.

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The protection of intellectual property in foreign countries is uncertain.

A significant percentage of our sales are to customers located outside the U.S. The patent and other intellectual property laws of some foreign countries may not protect our intellectual property rights to the same extent as U.S. laws. We may need to bring proceedings to defend our patent rights or to determine the validity of our competitors foreign patents. These proceedings could result in substantial cost and diversion of our efforts. Finally, some of our patent protection in the U.S. is not available to us in foreign countries due to the laws of those countries.

Our products could infringe on the intellectual property rights of others.

There are a significant number of U.S. and foreign patents and patent applications submitted for technologies in, or related to, our area of business. As a result, any application or exploitation of our technology could infringe patents or proprietary rights of others and any licenses that we might need as a result of such infringement might not be available to us on commercially reasonable terms, if at all. This may lead others to assert patent infringement or other intellectual property claims against us.

Our failure to comply with any applicable government regulations or otherwise respond to claims relating to improper handling, storage or disposal of hazardous chemicals that we use may adversely affect our results of operations.

Our research and development and manufacturing activities involve the controlled use of hazardous materials and chemicals. We are subject to federal, state and local laws and regulations governing the use, storage, handling and disposal of hazardous materials and waste products. If we fail to comply with applicable laws or regulations, we could be required to pay penalties or be held liable for any damages that result and this liability could exceed our financial resources. We cannot assure you that accidental contamination or injury will not occur. Any such accident could damage our research and manufacturing facilities and operations, resulting in delays and increased costs.

If our outstanding options and warrants are exercised, or our outstanding debt is converted into common stock, it will result in dilution.

As of December 31, 2003, we had outstanding approximately 28.1 million shares of common stock. We also had obligations to issue approximately 6.3 million shares of common stock under outstanding stock options and warrants. Additionally, we may issue shares of common stock upon conversion of all or part of our new line of credit and new convertible note. The issuance of such additional shares of common stock may be dilutive to our current shareholders and could negatively impact the market price of our common stock.

USE OF PROCEEDS

We received initial loan proceeds of \$2.75 million on a 3 year term note which may be converted into 1,053,640 of the shares offered hereby. Additionally, we have approximately \$6.5 million outstanding on our line credit of which \$3.0 million relates to a Secured Convertible Minimum Borrowing Note which may be converted into 1,363,636 of the shares offered hereby. Additionally, we will receive approximately \$440,000 upon the exercise of warrants for the remaining 140,566 shares offered hereby. The loan proceeds and the proceeds from any exercise of these warrants will be used by us for working capital purposes. We will not receive any proceeds from the sale of the shares of common stock

offered by this Prospectus.

SELLING STOCKHOLDERS

The shares offered by this Prospectus may be sold from time to time by the selling stockholders named in the following table. The number of shares these selling stockholders are offering under this Prospectus will be adjusted to reflect any additional shares of common stock which may become issuable to the selling stockholders by reason of any stock dividend, stock split or other similar transaction effected without the receipt of consideration and which results in an increase in the number of our outstanding shares of common stock or which otherwise increases the number of shares issuable upon conversion of the loan proceeds or upon the exercise of the warrants under which such shares may by issued.

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The following table also sets forth the total number of shares of our common stock beneficially owned by each of the selling stockholders and the percentage of our total outstanding shares of common stock that each selling stockholder beneficially owns. Percentage ownership is based on the 29,044,514 shares of our common stock outstanding as of the date of this Prospectus plus the 2,557,842 shares that have or may be issued to the selling stockholders and which may be sold under this Prospectus. The estimate of shares owned after this offering assumes that all shares offered by the Prospectus are sold. These estimates may prove to be inaccurate because the selling stockholders may offer all or some of their shares and because there currently are no agreements, arrangements or understandings with respect to the sale of any of the shares.

	Shares Beneficially Owned		Shares Beneficially Owned		
	Prior to th	Prior to the Offering		After the Offering	
Name	Number	Percentage	to be Sold	Number	Percentage
Laurus Master Fund, Ltd. (1)	3,224,893	10.2%	2,542,276	682,617	*
TN Capital Equities, Ltd. (2)	60,484	*	15,566	45,918	*
	3,285,377	10.4%	2,557,842	728,535	*

^{*} less than 1%

Each selling stockholder acquired the shares to be sold by such selling stockholder in the ordinary course of business and, at the time of acquisition of such shares, no selling stockholder had any agreement or understanding, directly or indirectly, to distribute such shares.

⁽¹⁾ Shares to be sold consists of 1,053,640 shares issuable upon the conversion of the \$2.75 million Convertible Term Note, 1,363,636 shares issuable upon the conversion of the \$3.0 million Secured Convertible Minimum Borrowing Note and 125,000 shares issuable upon the exercise of warrants. Remaining shares beneficially owned includes 132,617 shares owned outright and 550,000 shares issuable upon the exercise of warrants. Laurus Master Fund, Ltd. has contractually agreed to beneficial ownership limitations that restrict the conversion or exercise of securities held by Laurus.

⁽²⁾ All shares to be sold and beneficially owned represent shares issuable upon the exercise of warrants. TN Capital Equities, Ltd.

(TerraNova) served as broker for the agreements entered into between the Company and Laurus. Warrants were issued to TerraNova as partial compensation for their services as broker.

PLAN OF DISTRIBUTION

The selling stockholders or their donees or pledgees may sell their shares of our common stock from time to time. The selling stockholders will act independently of us in making decisions regarding the timing, manner and size of each sale. The sales may be made on the Nasdaq National Market, in the over-the-counter market or otherwise, at prices and terms then prevailing or at prices related to the then current market price, or in negotiated transactions. The last reported sale price of our common stock on April 16, 2004 was \$1.73 per share. The selling stockholders may effect such transactions by selling the shares to or through broker-dealers. The shares may be sold by one or more of, or a combination of, the following:

a block trade in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction,

purchases by a broker-dealer as principal and resale by such broker-dealer for its account under this prospectus,

an exchange distribution in accordance with the rules of such exchange,

ordinary brokerage transactions and transactions in which the broker solicits purchasers, and

in privately negotiated transactions.

To the extent required, this Prospectus may be amended or supplemented from time to time to describe a specific plan of distribution. In effecting sales, broker-dealers engaged by the selling stockholders may arrange for other broker-dealers to participate in the resales. The selling stockholders may enter into hedging transactions with broker-dealers in connection with distributions of the shares or otherwise. In these transactions, broker-dealers may engage in short sales of the shares in the course of hedging the positions they assume with selling stockholders. The selling stockholders also may sell shares short and redeliver the shares to close out such short positions. The selling stockholders may enter into option or other transactions with broker-dealers which require the delivery to the broker-dealer of the shares. The broker-dealer may then resell or otherwise transfer such shares under this prospectus. The selling stockholders also may lend or pledge their shares to a broker-dealer. The broker-dealer may sell the shares so lent, or upon a default the broker-dealer may sell the pledged shares under this Prospectus.

Broker-dealers or agents may receive compensation in the form of commissions, discounts or concessions from selling stockholders. Broker-dealers or agents may also receive compensation from the purchasers of the shares for whom they act as agents or to whom they sell as principals, or both. Compensation as to a particular broker-dealer might be in excess of customary commissions and will be in amounts to be negotiated in connection with the sale. Broker-dealers or agents and any other participating broker-dealers or the selling stockholders may be deemed to be underwriters within the meaning of Section 2(11) of the Securities Act of 1933 (the Securities Act) in connection with sales of the shares. Accordingly, any such commission, discount or concession received by them and any profit on the resale of the shares purchased by them may be deemed to be underwriting discounts or commissions under the Securities Act. Because selling stockholders may be deemed to be underwriters within the meaning of Section 2(11) of the Securities Act, the selling stockholders will be subject to the prospectus delivery requirements of the Securities Act. In addition, any securities covered by this Prospectus which qualify for sale under Rule 144 promulgated under the Securities Act may be sold under Rule 144 rather than under this Prospectus. The selling stockholders have advised us that they have not entered into any agreements, understandings or arrangements with any underwriters or broker-dealers regarding the sale of their securities. There is no underwriter or coordinating broker acting in connection with the proposed sale of shares by the selling stockholders.

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The shares will be sold only through registered or licensed brokers or dealers if required under applicable state securities laws. In addition, in certain states the shares may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

Under applicable rules and regulations under the Securities Exchange Act of 1934 (the Exchange Act), any person engaged in the distribution of the shares may not simultaneously engage in market making activities with respect to our common stock for a period of two business days prior to the commencement of such distribution. In addition, each selling stockholder will be subject to applicable provisions of the Exchange Act and the associated rules and regulations under the Exchange Act, including Regulation M, which provisions may limit the timing of purchases and sales of shares of our common stock by the selling stockholders. We will make copies of this Prospectus available to the selling stockholders and have informed them of the need to deliver copies of this Prospectus to purchasers at or prior to the time of any sale of the shares.

We will file a supplement to this Prospectus, if required, to comply with Rule 424(b) under the Securities Act upon being notified by a selling stockholder that any material arrangements have been entered into with a broker-dealer for the sale of shares through a block trade, special offering, exchange distribution or secondary distribution or a purchase by a broker or dealer. Such supplement will disclose:

the name of each such selling stockholder and of the participating broker-dealer(s),
the number of shares involved,
the price at which such shares were sold,
the commissions paid or discounts or concessions allowed to such broker-dealer(s), where applicable,
that such broker-dealer(s) did not conduct any investigation to verify the information set out or incorporated by reference in this prospectus, and
other facts material to the transaction.

In addition, upon being notified by a selling stockholder that a donee or pledgee intends to sell more than 500 shares, we will file a supplement to this Prospectus.

We will bear all costs, expenses and fees in connection with the registration of the shares. We agreed to indemnify and hold the selling stockholders harmless against certain liabilities under the Securities Act that could arise in connection with the sale by the selling stockholders of the shares. The selling stockholders will bear all commissions and discounts, if any, attributable to the sales of the shares. The selling stockholders may agree to indemnify any broker-dealer or agent that participates in transactions involving sales of the shares against certain liabilities, including liabilities arising under the Securities Act.

EXPERTS

The consolidated financial statements as of December 31, 2003 and 2002 and for each of the three years in the period ended December 31, 2003 incorporated in this Prospectus by reference from our Annual Report on Form 10-K for the year ended December 31, 2003 have been audited by Deloitte & Touche LLP, independent auditors, as stated in their report (which report expresses an unqualified opinion and includes an explanatory paragraph relating to our receipt of a waiver of the borrowing base limit on our existing line of credit and a convertible note agreement in the first quarter of 2004 and our change in method of accounting for goodwill and other intangible assets in connection with the adoption of Statement of Financial Accounting Standards No. 142, *Goodwill and Other Intangible Assets*, in 2002), which is incorporated herein by reference, and has been so incorporated, in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

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LEGAL OPINIONS

The validity of the common stock offered by this Prospectus has been passed upon for us by Kutak Rock LLP, Omaha, Nebraska.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission (the SEC). You may read and copy the materials we file at the SEC s Public Reference Room at 450 Fifth Street, N.W., Washington, D.C. 20549, as well as at the SEC s regional office at Citicorp Center, 500 West Madison Street, Room 1400, Chicago, Illinois 60661-2511. Please call the Commission at 1-800-SEC-0330 for further information on the operation of the Public Reference Rooms. Our SEC filings are also available to the public from the SEC s World Wide Web site on the Internet at http://www.sec.gov. This site contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC.

We maintain a site on the World Wide Web at www.transgenomic.com. The information contained in our website is not part of this Prospectus and you should not rely on it in deciding whether to invest in our common stock.

We have filed a Registration Statement on Form S-3, of which this Prospectus is a part, covering the securities offered hereby. As allowed by SEC rules, this Prospectus does not contain all the information set forth in the Registration Statement and the exhibits, financial statements and schedules thereto. We refer you to the Registration Statement, the exhibits, financial statements and schedules thereto for further information. This Prospectus is qualified in its entirety by such other information.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference information into this Prospectus, which means that we can disclose important information to you by referring you to another document filed separately by us with the SEC under the Securities Exchange Act of 1934 (the Exchange Act). The information incorporated by reference is deemed to be part of this Prospectus, except for any information superseded by information in this Prospectus. We have filed our annual report on Form 10-K for the year ended December 31, 2003 and current reports on Form 8-K dated January 16, January 21 and March 1, 2004, and these documents are incorporated herein by reference.

Any documents we file pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this Prospectus and prior to the termination of the offering of the securities to which this Prospectus relates will automatically be deemed to be incorporated by reference into this Prospectus and to be part hereof from the date of filing those documents. Any statement contained in this Prospectus or in a document incorporated by reference shall be deemed to be modified or superseded for all purposes to the extent that a statement contained in this Prospectus or in any other document which is also incorporated by reference modifies or supersedes that statement.

You may obtain copies of all documents which are incorporated in this Prospectus by reference (other than the exhibits to those documents which are not specifically incorporated by reference herein) without charge by writing or calling Mr. Mitchell L. Murphy, at Transgenomic, Inc.,

12325 Emmet Street, Omaha, NE, 68164, telephone number (402) 452-5400.

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2,557,842 Shares

TRANSGENOMIC, INC.

COMMON STOCK

PROSPECTUS

, 2004

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table shows the estimated expenses in connection with the issuance and distribution of the common stock being registered:

Securities and Exchange Commission filing fees	\$ 784
Legal fees and expenses	10,000
Accounting fees and expenses	5,000
Printing and engraving	1,000
Miscellaneous expenses	1,000
Total	\$ 17,784

Item 15. Indemnification of Directors and Officers. Section 145 of the Delaware General Corporation Law authorizes a court to award, or a corporation to grant, indemnity to directors and officers in terms sufficiently broad to permit such indemnification under certain circumstances for liabilities (including reimbursement of expenses incurred) arising under the Securities Act of 1933.

As permitted by the Delaware General Corporation Law, the Registrant s First Restated Certificate of Incorporation eliminates the personal liability of its directors for monetary damages for breach of fiduciary duty as a director, except for liability (1) for any breach of the director s duty of loyalty to the Registrant or its stockholders, (2) for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law, (3) under Section 174 of the Delaware General Corporation Law (regarding unlawful dividends and stock purchases) or (4) for any transaction from which the director derived an improper personal benefit. If the Delaware General Corporation Law is amended to authorize further elimination or limiting of directors personal liability, then the First Amended and Restated Certificate provides that the personal liability of directors will be eliminated or limited to the fullest extent provided under the Delaware General Corporation Law.

As permitted by the Delaware General Corporation Law, the Registrant s First Amended and Restated Certificate of Incorporation and its Bylaws provide that (1) the Registrant is required to indemnify its directors and officers to the fullest extent permitted by the Delaware General Corporation Law, subject to certain very limited exceptions, (2) the Registrant may indemnify its other employees and agents as set forth in the Delaware General Corporation Law, (3) the Registrant is required to advance expenses, as incurred, to its directors and executive officers in connection with a legal proceeding to the fullest extent permitted by the Delaware General Corporation Law, subject to certain conditions and (4) the rights conferred by the First Amended and Restated Certificate of Incorporation and Bylaws are not exclusive.

The Delaware General Corporation Law authorizes a corporation to indemnify its directors and officers provided that the corporation shall not eliminate or limit the liability of a director as follows:

- (a) for any action brought by or in the right of a corporation where the director or officer is adjudged to be liable to the corporation, except where a court determines the director or officer is entitled to indemnity;
- (b) for acts or omissions not in good faith or which involve conduct that the director or officer believes is not in the best interests of the corporation;
- (c) for knowing violations of the law;

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- (d) for any transaction from which the directors derived an improper personal benefit; and
- (e) for payment of dividends or approval of stock repurchases or redemptions leading to liability under Section 174 of the Delaware General Corporation Law.

The Delaware General Corporation Law requires a corporation to indemnify a director or officer to the extent that the director or officer has been successful, on the merits or otherwise, in defense of any action, suit or proceeding for which indemnification is lawful.

The Registrant maintains a director and officer insurance policy which insures the directors and officers of the Registrant against damages, judgments, settlements and costs incurred by reason of certain wrongful acts committed by such persons in their capacities as directors and officers.

Item 16. Exhibits.

- 4 Form of Certificate of the Registrant's Common Stock (1)
- 5 Opinion of Kutak Rock LLP
- 10.1 Securities Purchase Agreement by and between the Registrant and Laurus Master Fund, Ltd. dated February 19, 2004, as amended on April 15, 2004
- 10.2 Secured Convertible Term Note by and between the Registrant and Laurus Master Fund, Ltd. dated February 19, 2004, as amended on April 15, 2004
- 10.3 Common Stock Purchase Warrant by and between the Registrant and Laurus Master Fund, Ltd. dated February 19, 2004, as amended on April 15, 2004
- 10.4 Registration Rights Agreement by and between the Registrant and Laurus Master Fund, Ltd. dated February 19, 2004
- 10.5 Common Stock Purchase Warrant by and between the Registrant and TN Capital Equities, Ltd. dated March 1, 2004
- 10.6 Secured Convertible Minimum Borrowing Note Series B by and between the Registrant and Laurus Master Fund, Ltd. dated December 3, 2003, as amended on April 15, 2004
- 23.1 Consent of Deloitte & Touche LLP
- 23.2 Consent of Kutak Rock LLP (included in Exhibit 5)
- 24 Powers of Attorney (included on page II-4 of this Registration Statement)
- (1) This Exhibit is incorporated by reference to the Registration Statement of the Registrant (Registration No. 333-32174), which was filed on March 10, 2000.

Item 17. Undertakings.

We undertake:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

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(i) to	include any	v prospectus	required b	v section	10(a)(3) or	f the Sec	urities Ac	t of 1933:

- (ii) to reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of a prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the Calculation of Registration Fee in this registration statement;
- (iii) to include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement *provided*, *however*, that the undertakings set forth in paragraphs (i) and (ii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the Registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in this registration statement.
- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant s annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (5) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted against the Registrant by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

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Date: April 20, 2004

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Omaha, Nebraska, on the 20^{th} day of April, 2004.

TRANSGENOMIC, INC.

Jeffrey Sklar, Director

/s/ ROLAND J. SANTONI

		By: /s/ Collin J. D Silva
		Collin J. D Silva, President and Chief Executive Officer
	, including post-effective amendments to	orney-in-fact, to sign on his or her behalf, individually and this Registration Statement, and to file the same, with all change Commission.
Pursuant to the requirements of the Securities acapacities and on the dates indicated.	Act of 1933, this Registration Statement	has been signed below by the following persons in the
Date: April 20, 2004	Ву:	/s/ Collin J. D Silva
		Collin J. D Silva, President, Chief Executive Officer and
		Director (Principal Executive Officer)
Date: April 20, 2004	By:	/s/ MITCHELL L. MURPHY
		Mitchell L. Murphy, Interim Chief Financial Officer
		(Principal Financial Officer)
Date: April 20, 2004	By:	/s/ Gregory J. Duman
		Gregory J. Duman, Director
Date: April 20, 2004	By:	/s/ Jeferey Sklar

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By:

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EXHIBIT INDEX

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