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TRANSGENOMIC TO HOLD FIRST QUARTER FINANCIAL RESULTS CONFERENCE CALL ON MAY 5, 2010

OMAHA, Neb. (April 28, 2010) – Transgenomic, Inc. (OTC/BB: TBIO) today announced the following Webcast:

What: Transgenomic, Inc. First Quarter 2010 Financial Results and Business Update Conference Call

When: Wednesday, May 5, 2010 @ 5:00 p.m. Eastern

Where: <http://www.transgenomic.com/events.asp?id=6>

How: Live over the Internet -- Simply log on to the web at the address above.

Contact: Investor Relations, 402-452-5400

To access the call via telephone, call (866) 625 - 0328 from the U.S. or (702) 224 - 9777 for international participants. A telephone replay will be available from 6:00 p.m. Eastern Time May 5, 2010 through 11:59 p.m. Eastern Time on May 7, 2010 by dialing (800) 642-1687 (domestic) or (706) 645-9291 and entering conference ID number 72438337.

About Transgenomic, Inc.

Transgenomic, Inc. (www.transgenomic.com) is a global biotechnology company specializing in high sensitivity genetic variation and mutation analysis, providing products and services in DNA mutation detection and discovery for clinical research, clinical molecular diagnostics and pharmacogenomics analyses. Its product offerings include the WAVE® Systems and associated consumables specifically designed for use in genetic variation detection and single- and double-strand DNA/RNA analysis and purification. With broad applicability to genetic research, over 1,475 systems have been shipped to customers in more than 30 countries. The SURVEYOR® Mutation Detection Kits and SURVEYOR Check-It Kit provide reagents and protocols for high sensitivity detection of mutations in DNA. In addition, HANABI automated chromosome harvesting systems improve laboratory productivity with consistent quality compared with manual methods for cytogenetic analyses. Service offerings include the Transgenomic Molecular Laboratory, which provides reference laboratory services specializing in molecular diagnostics including Mitochondrial Disorders, Oncology and Hematology, Molecular Pathology and Inherited Diseases. Transgenomic Pharmacogenomics Services is a CRO for pharmacogenomic, translational research and clinical trials.