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Bode et al.

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(54) **UNIQUE CHROMOSOMAL SEQUENCE OF
BACILLUS ANTHRACIS AND METHODS OF
MAKING AND USING THEREOF
INCLUDING REAL-TIME PCR ASSAYS**

2004/0241651 A1* 12/2004 Olek et al. 435/6

FOREIGN PATENT DOCUMENTS

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WO WO 0177384 A2 * 10/2001

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GenBank Locus BZ867717, GI: 29095122, 'CH240_274J15.TV
CHORI-240 *Bos taurus* genomic clone CH240_274J15, genomic
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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 149 days.

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SID 182,309 Alignment and Seq Listing, pp. 1-2.*

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(21) Appl. No.: **10/934,488**

Blast 2 Sequences results 'Align SEQ ID No. 1—GI:30257133', pp.
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(22) Filed: **Sep. 7, 2004**

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Ames section 9 of 18 of the complete genome'. Apr. 30, 2003, pp.
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(65) **Prior Publication Data**

US 2005/0214787 A1 Sep. 29, 2005

AB017032 Sequence alignment.

Related U.S. Application Data

Read et al. (2003) "The Genome Sequence of *Bacillus anthracis*
Ames and Comparison to Closely Related Bacteria" *Nature* 423:81-
86.

(60) Provisional application No. 60/564,639, filed on Apr.
23, 2004, provisional application No. 60/556,045,
filed on Mar. 24, 2004.

ISR PCT/US04/28978.

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(51) **Int. Cl.**

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C12Q 1/68 (2006.01)

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(52) **U.S. Cl.** **536/24.3**; 536/23.1; 435/6;
435/91.2

(57) **ABSTRACT**

(58) **Field of Classification Search** None
See application file for complete search history.

Disclosed herein are nucleic acid molecules having
sequences that are unique to *Bacillus anthracis* and method
of making and using thereof. Also disclosed are kits com-
prising the nucleic acid molecules.

(56) **References Cited**

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23 Claims, 2 Drawing Sheets