

Mills Barry
Form 3
June 22, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
A Mills Barry

(Last) (First) (Middle)

8800 TECHNOLOGY FOREST
PLACE

(Street)

THE
WOODLANDS, TX 773811160

(City) (State) (Zip)

2. Date of Event
Requiring Statement
(Month/Day/Year)
06/21/2006

3. Issuer Name and Ticker or Trading Symbol
LEXICON GENETICS INC/TX [LEXG]

4. Relationship of Reporting
Person(s) to Issuer

5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

☒ Director ☐ 10%
Owner
☐ Officer ☐ Other
(give title below) (specify below)

6. Individual or Joint/Group
Filing(Check Applicable Line)
☒ Form filed by One Reporting
Person
☐ Form filed by More than One
Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
(Instr. 4)

2. Amount of Securities
Beneficially Owned
(Instr. 4)

3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)

4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially
owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form displays a
currently valid OMB control number.**

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security
(Instr. 4)

2. Date Exercisable and
Expiration Date
(Month/Day/Year)

3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

4. Conversion
or Exercise
Price of
Derivative
Security

5. Ownership
Form of
Derivative
Security:
Direct (D)
or Indirect
(I)

6. Nature of Indirect
Beneficial Ownership
(Instr. 5)

Date
Exercisable

Expiration
Date

Title

Amount or
Number of
Shares

(Instr. 5)

Stock Option (right to buy)	Â (1)	06/21/2016	Common Stock	30,000	\$ 4.15	D	Â
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mills Barry 8800 TECHNOLOGY FOREST PLACE THE WOODLANDS, TX 773811160	Â X	Â	Â	Â

Signatures

By: /s/ Barry Mills 06/21/2006

__Signature of Date
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Option vests with respect to 1/60th of the shares subject to the option for each month of service following the date of grant (6/21/2006).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.