

FORM 3**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION****Washington, D.C. 20549****OMB APPROVAL**OMB 3235-
Number: 0104
Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIES**Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person SMITS MARK W (Last) (First) (Middle) C/O NEOGENOMICS, INC., 12701 COMMONWEALTH DRIVE SUITE 9 (Street) FORT MYERS, FL US 33913 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/02/2011	3. Issuer Name and Ticker or Trading Symbol NEOGENOMICS INC [NGNM.OB]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) Chief Commercial Officer	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person ____ Form filed by More than One Reporting Person
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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)
Common Stock	6,667	D	

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) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock option(Right to Buy)	08/30/2010(1)	08/30/2015	Common Stock	425,000	\$ 1.02	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SMITS MARK W C/O NEOGENOMICS, INC. 12701 COMMONWEALTH DRIVE SUITE 9 FORT MYERS, FL US 33913			Chief Commercial Officer	

Signatures

/s/ Mark W Smits 05/02/2011

Signature of Reporting
Person

Date

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).

On August 30, 2010 Mr. Smits was granted an option to purchase 425,000 shares. The first date options became exercisable and vested (1) was August 30, 2010. The options are a combination of time based and performance options. Within 60 days of this filing 45,000 options are exercisable and vested.

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

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