SEC Form 4	
------------	--

 \square

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

	1. Name and Addres Engle Robert		n*	2. Issuer Name and Ticker or Trading Symbol <u>METABOLIX, INC.</u> [MBLX]		tionship of Reporting Perso all applicable) Director	10% Owner
(Last) (First) (Middle) C/O METABOLIX, INC. 21 ERIE STREET		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/19/2011	- X	Officer (give title Other (speci below) below) General Manager, Telles		
	(Street) CAMBRIDGE (City)	MA (State)	02139 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filing (Form filed by One Report Form filed by More than (Person	ting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1	. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)				4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
				Code	v	Amount	(A) or (D)	Price	 Reported Transaction(s) (Instr. 3 and 4) 		(Instr. 4)			

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (8)				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (right to buy)	\$7.25	05/19/2011		A		35,000		(1)	05/19/2021	Common Stock	35,000	\$0	35,000	D	

Explanation of Responses:

1. This stock option will vest and become exercisable in 16 equal quarterly installments over a period of 4 years from the grant date.

/s/ \$	Sarah P.	Cecil,	attorney-in-
fact			

05/20/2011

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 4 (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).

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

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 Number.