Miller John L Form 4 May 15, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

1(b).

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1. Name and Address of Reporting Person $\stackrel{*}{\underline{\ }}$ Miller John L			2. Issuer Name and Ticker or Trading Symbol Life Technologies Corp [LIFE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	()			
5791 VAN ALLEN WAY			(Month/Day/Year) 05/13/2009	Director 10% Owner _X_ Officer (give title Other (specify below) President, Genetic Systems			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Chec			
CARLSBAD, CA 92008			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reportin Person			

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security	2. Transaction Date (Month/Day/Year)	Execution Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of		Securities	6. Ownership Form: Direct	Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(D) (Instr. 3, 4 and 5)	Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	(A) or Amount (D) Price	Reported Transaction(s) (Instr. 3 and 4)	(IIIstr. +)	(msu. 4)
Common Stock (1)	05/13/2009	05/13/2009	s v	4,626 D \$ 36.5	24,159	D	

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

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

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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. Transacti Code (Instr. 8)		of (Month/Day/Derivative Securities Acquired (A) or Disposed of (D)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr	
					4, and 5)	Date	Expiration		Amount		
				Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Miller John L

5791 VAN ALLEN WAY President, Genetic Systems

CARLSBAD, CA 92008

Signatures

/s/ David L. 05/15/2009 Szekeres, POA

**Signature of Reporting Date

Explanation of Responses:

- 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).
- (1) Sale of common stock pursuant to a 10b5-1 Plan.

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.

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