Miller John L Form 4 March 15, 2011

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Number:

Expires:

January 31,
2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response...

Form 4 or Form 5 obligations may continue. See Instruction

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 sponse... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Miller John L			2. Issuer Name and Ticker or Trading Symbol Life Technologies Corp [LIFE]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
5791 VAN ALLEN WAY			(Month/Day/Year) 03/11/2011	Director 10% OwnerX_ Officer (give title Other (specify below) President, Genetic Systems		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
CARLSBAD, CA 92008			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)				

(City)	(State)	(Zip) Tab	le I - Non-	Derivative So	ecurities A	cquire	ed, Disposed of,	or Beneficiall	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	Acquired ((A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	omr Disposed	of (D)		Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 a	ind 5)		Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
							Following	or Indirect	(Instr. 4)
					(A)		Reported	(I)	
					(A)	,	Transaction(s)	(Instr. 4)	
			Code V	Amount	or (D) Pr	rice	(Instr. 3 and 4)		
Common Stock (1)	03/11/2011	03/11/2011	A	1,969.82	A \$ 51.	.41	4,210.82 <u>(2)</u>	D	

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

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.

SEC 1474

(9-02)

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4,		FransactionDerivative Expiration Date Code Securities (Month/Day/Year) Instr. 8) Acquired (A) or Disposed of (D)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Restricted Stock (3)	\$ 0	03/11/2011	03/11/2011	A	492.45	03/11/2014	03/11/2021	Common Stock	492.45

Reporting Owners

Reporting Owner Name / Address			Relationships	
		10~ 0	C 001	~ 1

Director 10% Owner Officer Other

Deletionship

Miller John L

5791 VAN ALLEN WAY President, Genetic Systems

CARLSBAD, CA 92008

Signatures

/s/ David L. Szekeres, POA 03/15/2011

**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) Common Stock issued per Deferred Comp Plan
- (2) Includes 1,969.82 shares of common stock issued per Deferred Comp Plan
- (3) Restricted Stock under the Deferred Comp Plan matching program

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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