

LEVINE ARNOLD J
 Form 4
 October 23, 2006

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
 LEVINE ARNOLD J

(Last) (First) (Middle)

APPLERA CORPORATION, 301 MERRITT 7

(Street)

NORWALK, CT 06851-1070

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 APPLERA CORP [ABI/CRA]

3. Date of Earliest Transaction (Month/Day/Year)
 10/19/2006

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (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 Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Amount or Price			
Applied Biosystems Group Common Stock Units	10/19/2006		A	2,600	A \$ 0	24,491.67 ⁽¹⁾	D	
Celera Genomics Group Common Stock Units	10/19/2006		A	1,000	A \$ 0	7,935.67	D	
Applied Biosystems						1,200	D	

Group
Common
Stock

Celera
Genomics
Group
Common
Stock

300 D

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

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(9-02)

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Applied Biosystems Group Director Stock Option-Right to Buy	\$ 33.74	10/19/2006		A	9,000	(2) 10/19/2016	Applied Biosystems Group Common Stock	9,000
Celera Genomics Group Director Stock Option-Right to Buy	\$ 14.5	10/19/2006		A	3,600	(2) 10/19/2016	Celera Genomics Group Common Stock	3,600

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LEVINE ARNOLD J APPLERA CORPORATION 301 MERRITT 7 NORWALK, CT 06851-1070		X		

Signatures

/s/ Thomas P. Livingston, Attorney-in-Fact for Arnold J.
Levine

10/23/2006

__Signature of Reporting Person

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) Includes 28.13 Applied Biosystems Group Common Stock Units acquired in October 2006 pursuant to the dividend reinvestment feature of the Company's director stock purchase and stock incentive plans.
- (2) The options become exercisable in four equal annual installments commencing October 19, 2007.

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.